

Data File : VX001272.D

Acq On : 01 May 2018 11:55

Operator : JC/MD

Sample : VSTDIC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: May 02 01:20:02 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	260130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	53294	17.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.14%	
35) Dibromofluoromethane	5.51	113	43901	20.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.60%	
50) Toluene-d8	8.72	98	164000	20.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.08%	
62) 4-Bromofluorobenzene	11.14	95	61881	19.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48751	22.16	ug/l	98
3) Chloromethane	1.32	50	44374	19.78	ug/l	98
4) Vinyl Chloride	1.40	62	46428	19.47	ug/l	99
5) Bromomethane	1.64	94	36252	21.50	ug/l	97
6) Chloroethane	1.73	64	28570	19.17	ug/l	99
7) Trichlorofluoromethane	1.93	101	79009	20.33	ug/l	98
8) Diethyl Ether	2.19	74	26937	18.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46131	21.45	ug/l	99
10) Methyl Iodide	2.51	142	40511	20.30	ug/l	99
11) Tert butyl alcohol	3.07	59	48859	82.03	ug/l	100
12) 1,1-Dichloroethene	2.38	96	39163	18.94	ug/l	99
13) Acrolein	2.29	56	25255	103.21	ug/l	98
14) Allyl chloride	2.73	41	70171	18.84	ug/l	99
15) Acrylonitrile	3.15	53	108049	83.05	ug/l	99
16) Acetone	2.45	43	116665	90.32	ug/l	99
17) Carbon Disulfide	2.57	76	96956	18.42	ug/l	98
18) Methyl Acetate	2.78	43	55975	17.54	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	136380	18.18	ug/l	99
20) Methylene Chloride	2.86	84	46734	19.35	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	42454	18.67	ug/l	97
22) Diisopropyl ether	3.87	45	131455	17.73	ug/l	97
23) Vinyl Acetate	3.83	43	554714	88.55	ug/l	99
24) 1,1-Dichloroethane	3.70	63	75887	19.25	ug/l	99
25) 2-Butanone	4.71	43	157371	82.84	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60009	19.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47054	19.01	ug/l	98
28) Bromochloromethane	5.03	49	37345	21.10	ug/l	99
29) Tetrahydrofuran	5.17	42	95076	78.30	ug/l	100
30) Chloroform	5.22	83	77741	18.63	ug/l	95
31) Cyclohexane	5.58	56	67653	20.00	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	68023	18.81	ug/l	100
36) 1,1-Dichloropropene	5.81	75	58387	20.18	ug/l	99
37) Ethyl Acetate	4.87	43	59289	17.58	ug/l	99
38) Carbon Tetrachloride	5.79	117	60268	20.23	ug/l	95

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MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: May 02 01:20:02 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	72355	22.30	ug/l	98
40) Benzene	6.15	78	170568	20.47	ug/l	99
41) Methacrylonitrile	5.07	41	33623	17.74	ug/l	99
42) 1,2-Dichloroethane	6.20	62	64476	19.40	ug/l	99
43) Isopropyl Acetate	6.47	43	94349	17.72	ug/l	99
44) Trichloroethene	7.22	130	53210	21.34	ug/l	98
45) 1,2-Dichloropropane	7.52	63	42924	19.68	ug/l	96
46) Dibromomethane	7.67	93	30791	20.39	ug/l	98
47) Bromodichloromethane	7.90	83	54166	19.73	ug/l	98
48) Methyl methacrylate	7.78	41	49426	17.49	ug/l	99
49) 1,4-Dioxane	7.76	88	20476	366.16	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	312628	89.62	ug/l	99
52) Toluene	8.79	92	112315	20.58	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	64294	20.17	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	58508	19.56	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	45105	19.65	ug/l	98
56) Ethyl methacrylate	9.18	69	61708	18.34	ug/l	99
57) 1,3-Dichloropropane	9.38	76	72305	19.51	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	155262	96.94	ug/l	100
59) 2-Hexanone	9.50	43	242997	88.74	ug/l	99
60) Dibromochloromethane	9.59	129	45853	19.77	ug/l	98
61) 1,2-Dibromoethane	9.68	107	47036	19.60	ug/l	98
64) Tetrachloroethene	9.34	164	61799	22.81	ug/l	97
65) Chlorobenzene	10.14	112	131152	20.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	46976	20.80	ug/l	99
67) Ethyl Benzene	10.26	91	219352	20.57	ug/l	98
68) m/p-Xylenes	10.36	106	174446	41.36	ug/l	100
69) o-Xylene	10.70	106	83717	20.55	ug/l	98
70) Styrene	10.71	104	136637	20.19	ug/l	99
71) Bromoform	10.86	173	36006	18.37	ug/l #	100
73) Isopropylbenzene	11.02	105	226750	20.45	ug/l	100
74) N-amyl acetate	6.47	43	94349	17.30	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65319	18.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70597	20.81	ug/l	90
77) Bromobenzene	11.26	156	65699	20.05	ug/l	97
78) n-propylbenzene	11.37	91	258763	20.95	ug/l	100
79) 2-Chlorotoluene	11.43	91	152121	19.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	193141	20.55	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	14813	17.34	ug/l	93
82) 4-Chlorotoluene	11.52	91	180947	19.90	ug/l	100
83) tert-Butylbenzene	11.77	119	188702	20.16	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	199569	20.71	ug/l	100
85) sec-Butylbenzene	11.95	105	232635	21.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	216540	21.20	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	119222	20.25	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121823	19.84	ug/l	99
89) n-Butylbenzene	12.40	91	187478	21.17	ug/l	99
90) Hexachloroethane	12.60	117	30203	20.82	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	117534	19.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13102	16.58	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

Data File : VX001272.D
Acq On : 01 May 2018 11:55
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: May 02 01:20:02 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:17:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94173	20.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	50162	22.40	ug/l	98
95) Naphthalene	13.84	128	243331	18.89	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94231	20.29	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX001272.D

Acq On : 01 May 2018 11:55

Operator : JC/MD

Sample : VSTDIC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC020

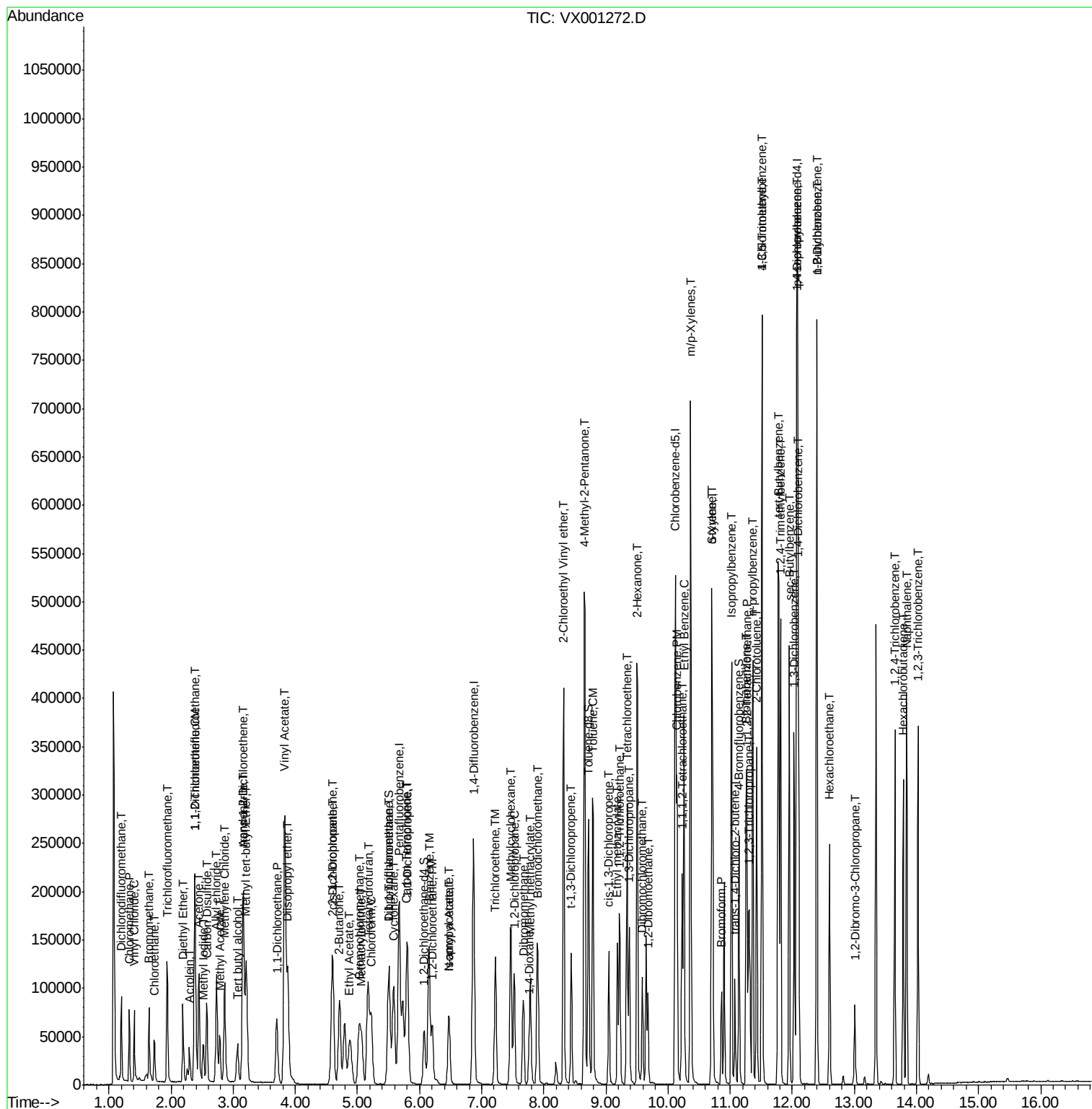
Quant Time: May 02 01:20:02 2018

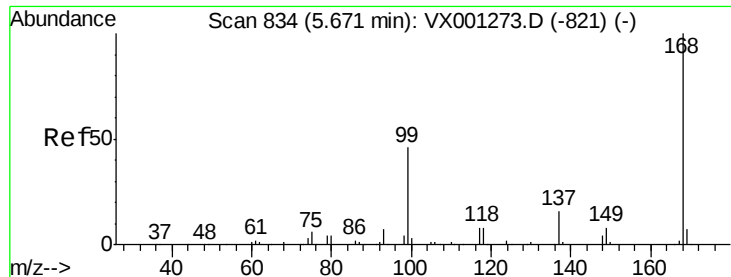
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

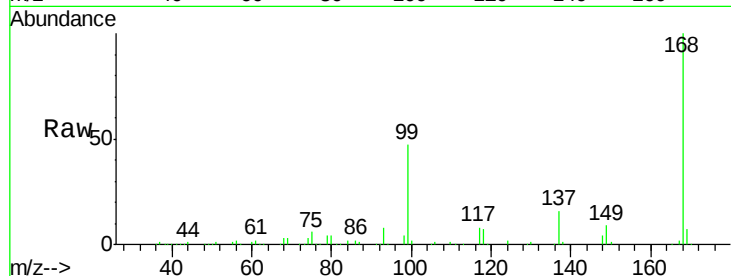
VSTDIC020

Tgt Ion:168 Resp: 203958

Ion Ratio Lower Upper

168 100

99 46.9 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

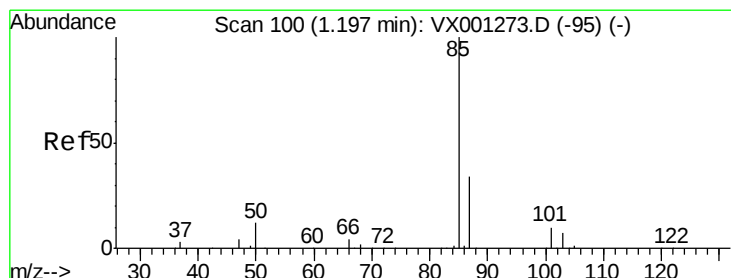
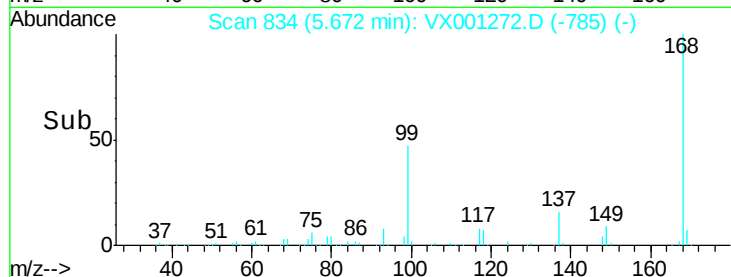
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 22.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001272.D

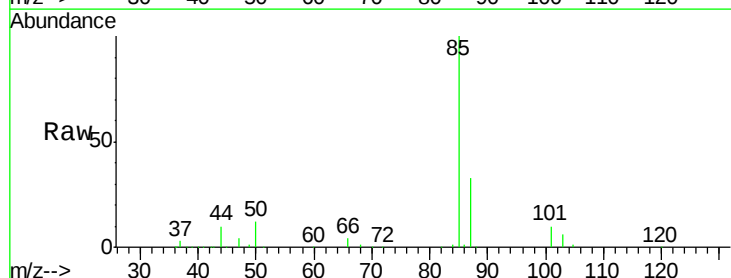
Acq: 01 May 2018 11:55

Tgt Ion: 85 Resp: 48751

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

20000

10000

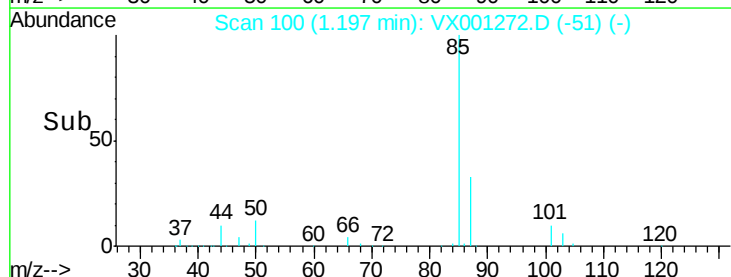
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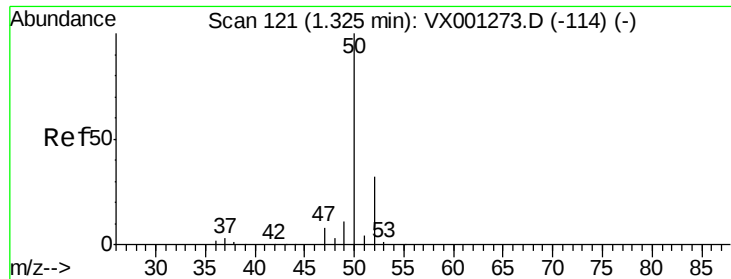
Time-->

1.15

1.20

1.25

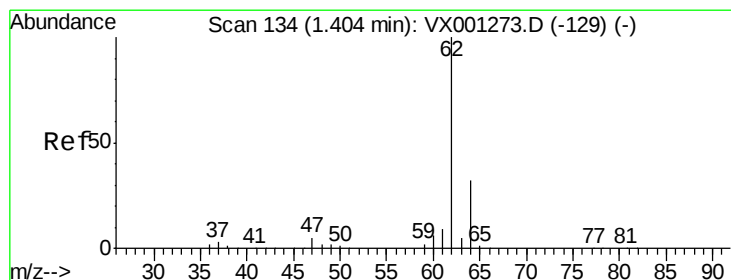
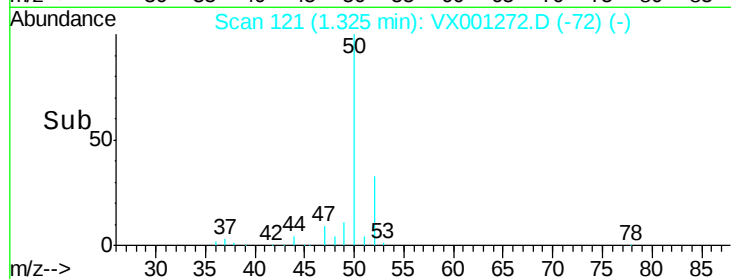
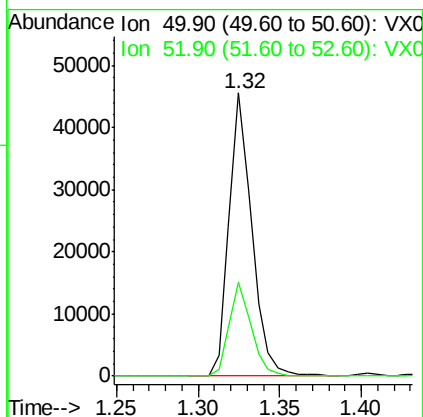
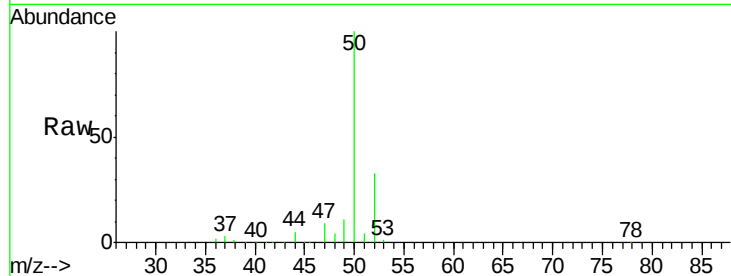




#3
Chloromethane
Concen: 19.78 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

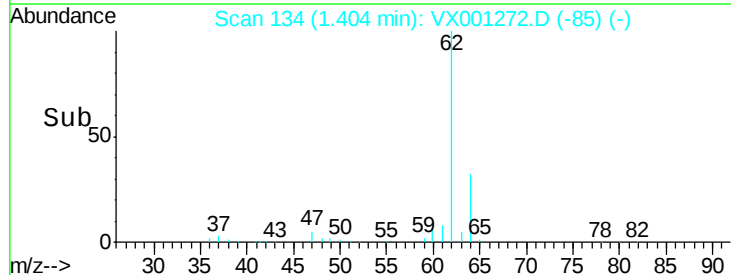
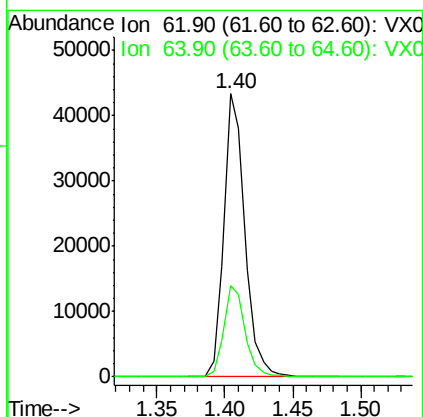
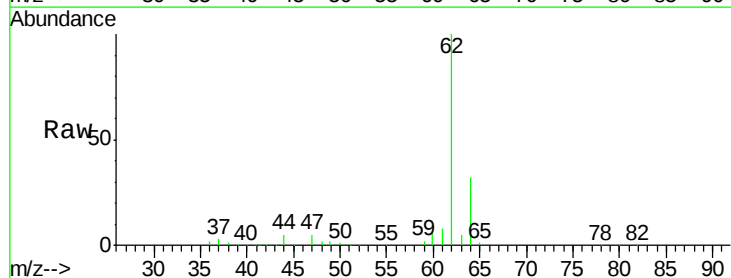
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

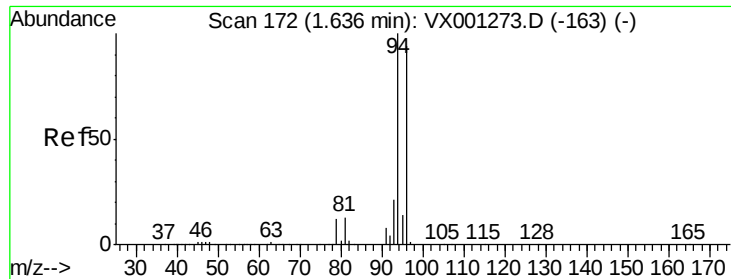
Tgt Ion: 50 Resp: 44374
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5



#4
Vinyl Chloride
Concen: 19.47 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion: 62 Resp: 46428
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.2





#5

Bromomethane

Concen: 21.50 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

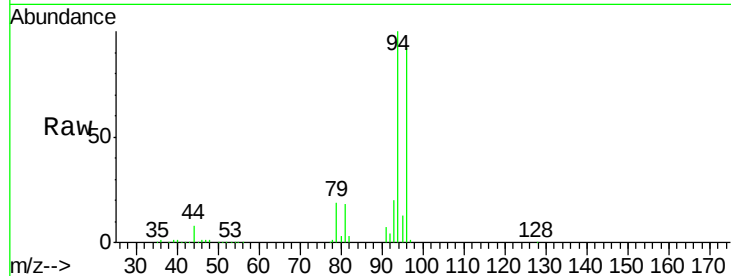
VSTDIC020

Tgt Ion: 94 Resp: 36252

Ion Ratio Lower Upper

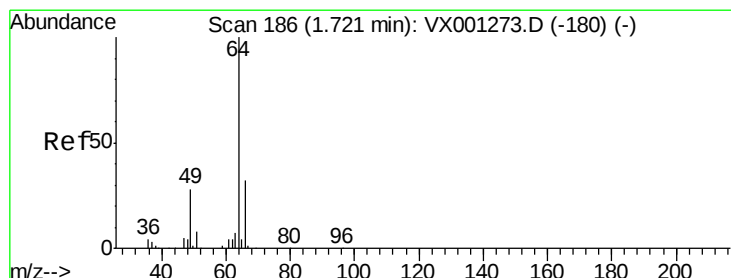
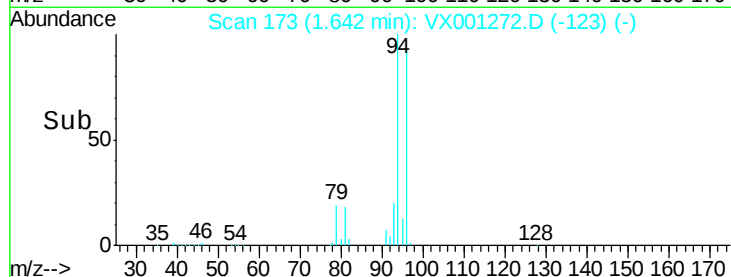
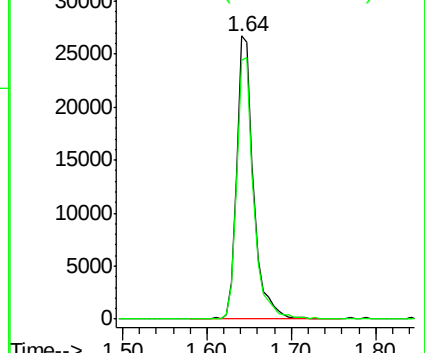
94 100

96 91.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.17 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001272.D

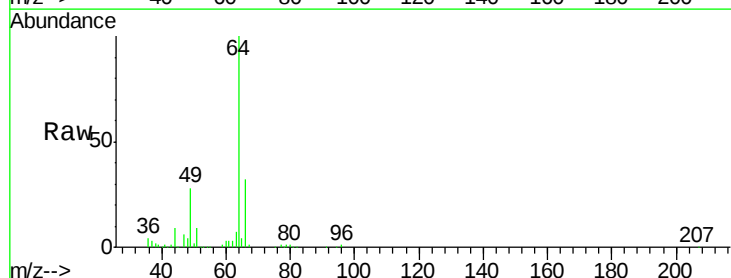
Acq: 01 May 2018 11:55

Tgt Ion: 64 Resp: 28570

Ion Ratio Lower Upper

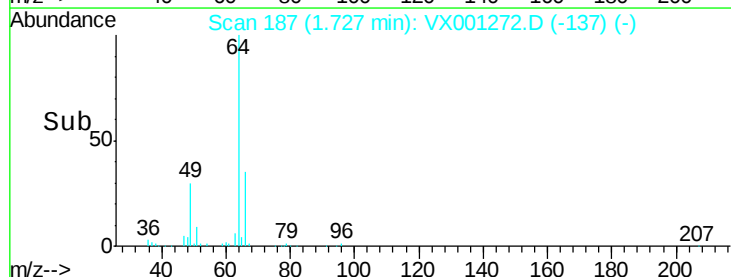
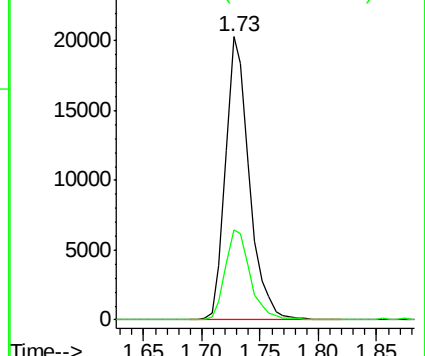
64 100

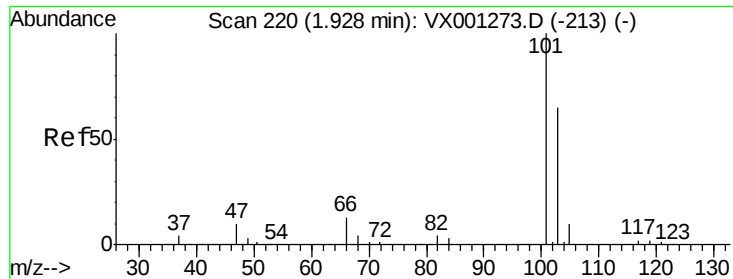
66 31.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



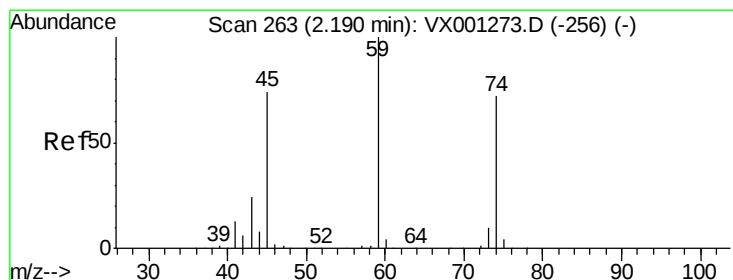
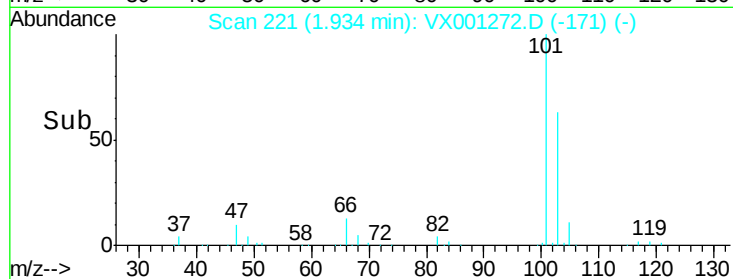
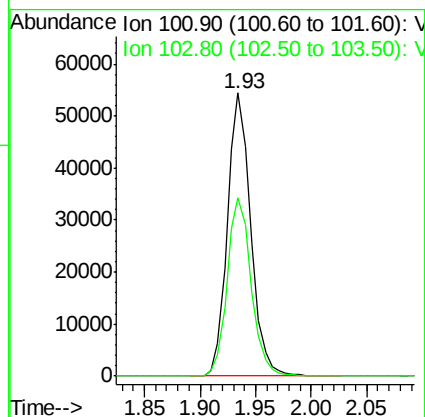
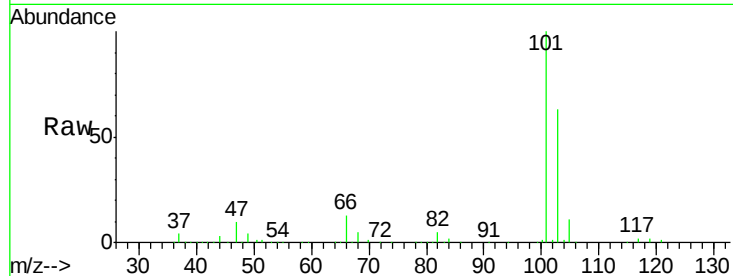


#7

Trichlorofluoromethane
 Concen: 20.33 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

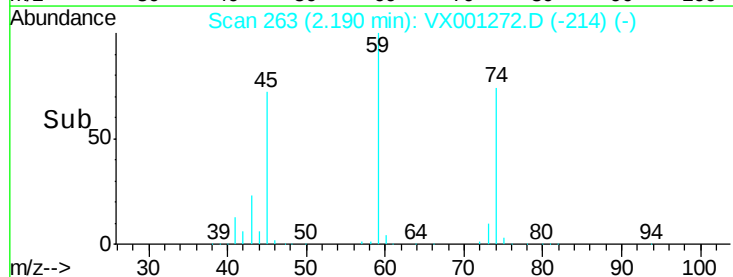
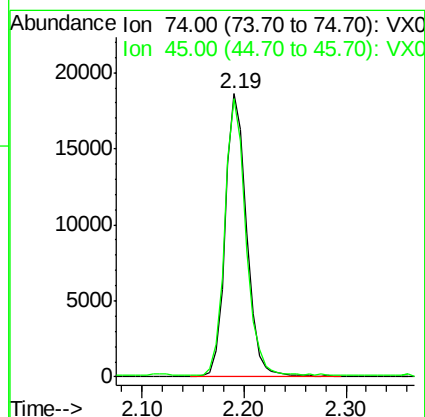
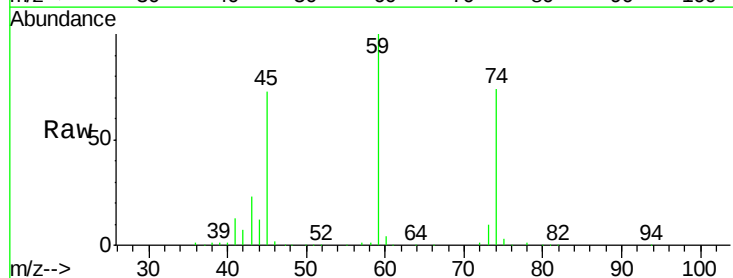
Tgt Ion:101 Resp: 79009
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.8 77.8

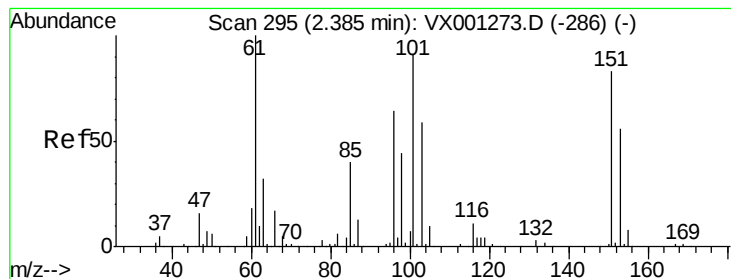


#8

Diethyl Ether
 Concen: 18.45 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 74 Resp: 26937
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

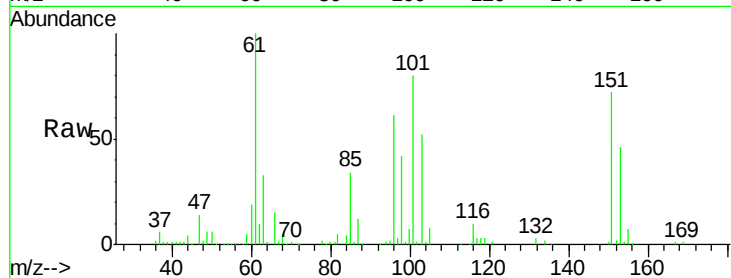
Tgt Ion:101 Resp: 46131

Ion Ratio Lower Upper

101 100

85 43.4 35.6 53.4

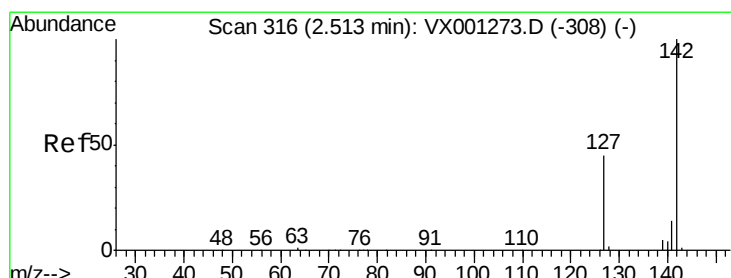
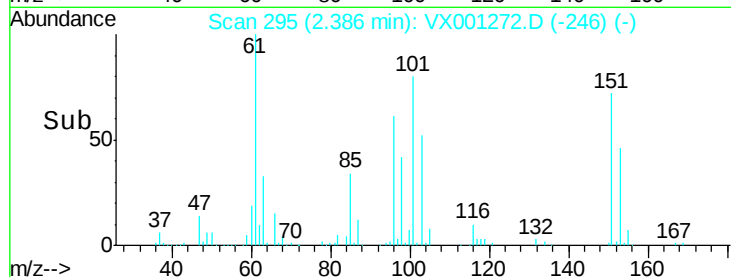
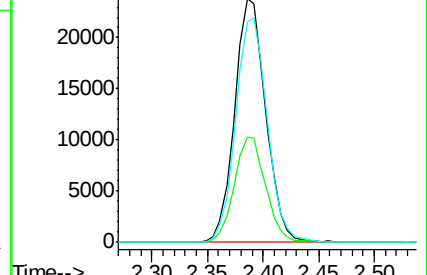
151 93.4 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.30 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

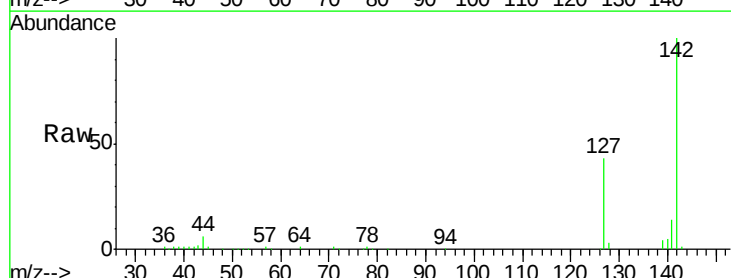
Tgt Ion:142 Resp: 40511

Ion Ratio Lower Upper

142 100

127 44.2 35.7 53.5

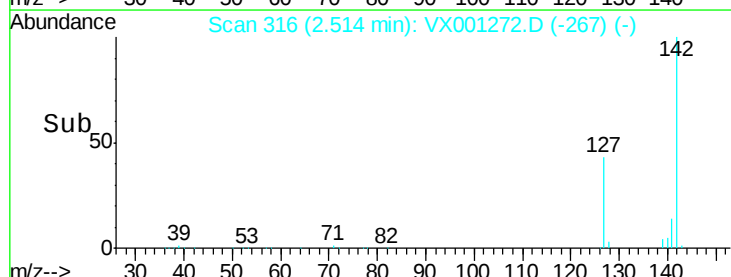
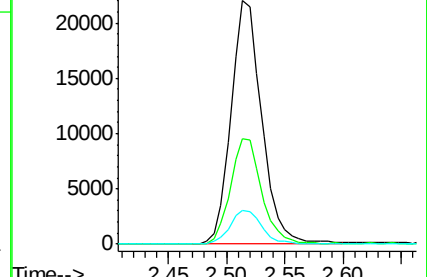
141 14.4 11.4 17.0

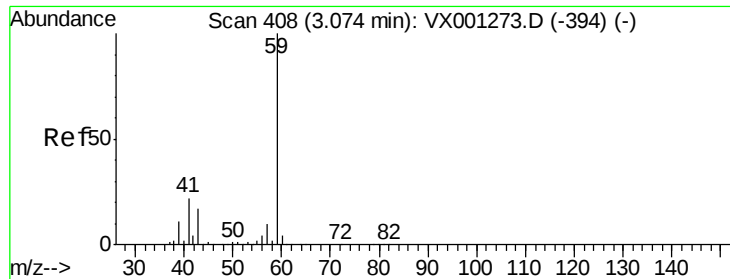


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



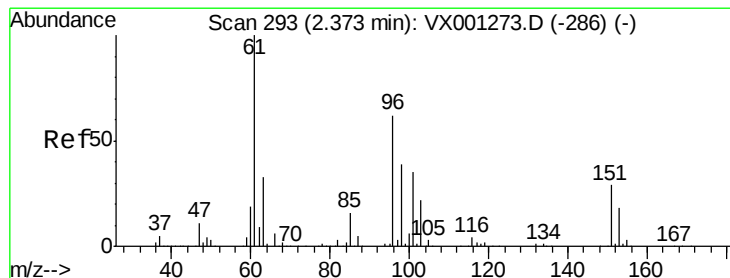
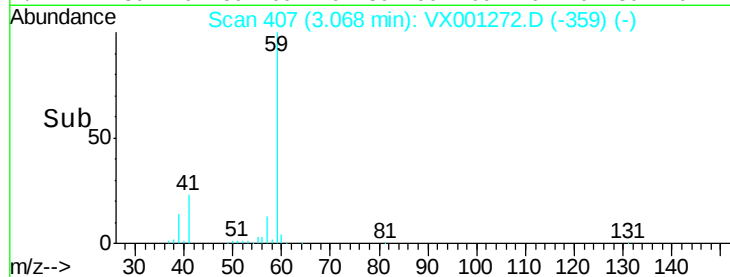
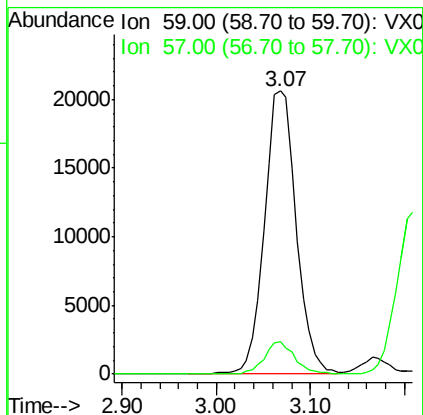
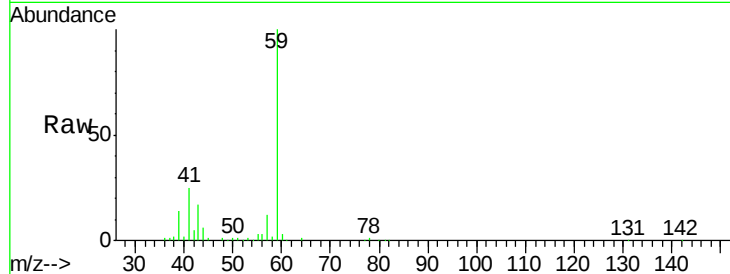


#11

Tert butyl alcohol
 Concen: 82.03 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

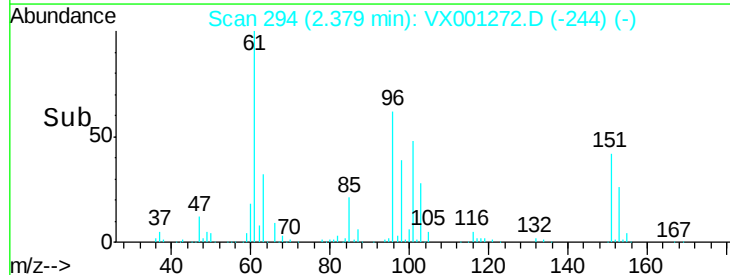
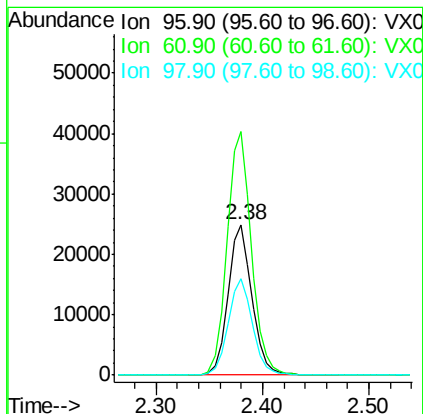
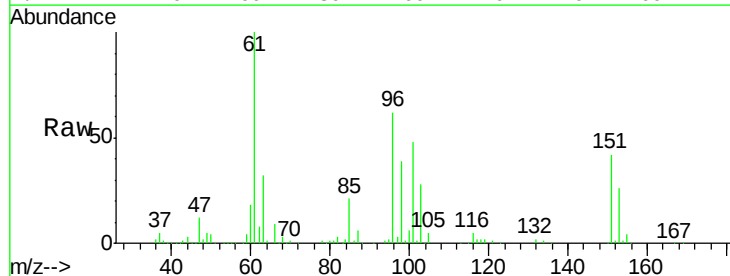
Tgt Ion: 59 Resp: 48859
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

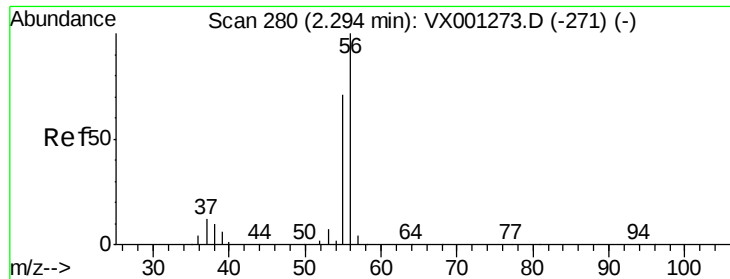


#12

1,1-Dichloroethene
 Concen: 18.94 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 96 Resp: 39163
 Ion Ratio Lower Upper
 96 100
 61 161.5 130.1 195.1
 98 63.6 50.3 75.5

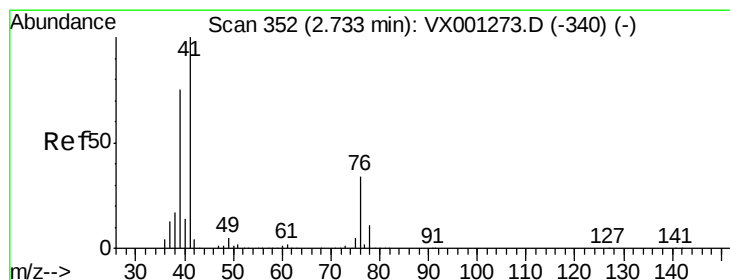
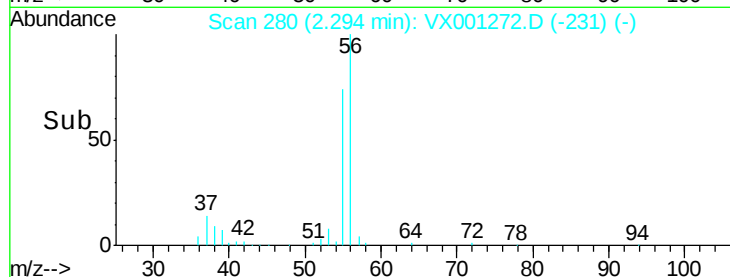
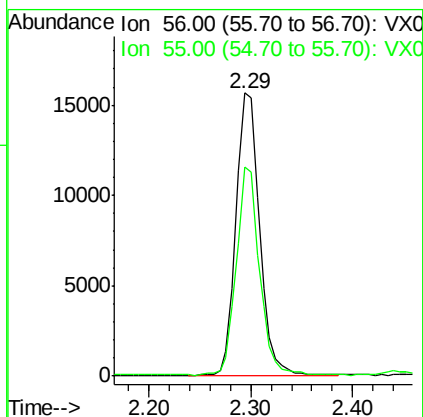
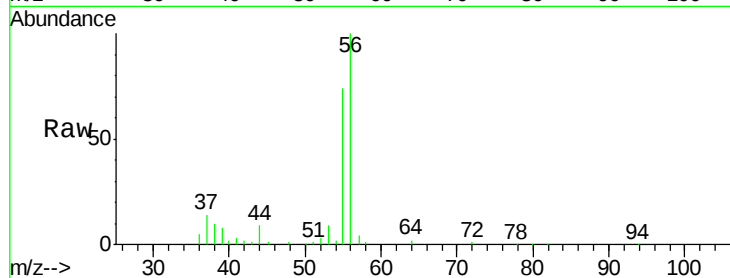




#13
 Acrolein
 Concen: 103.21 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

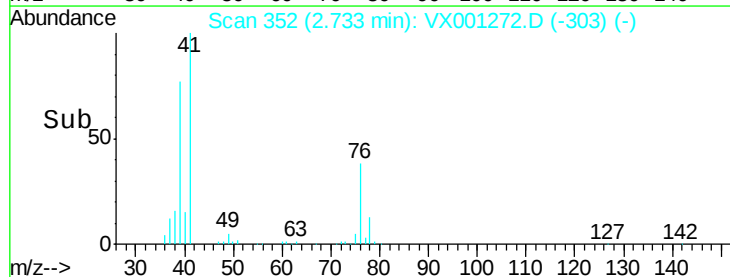
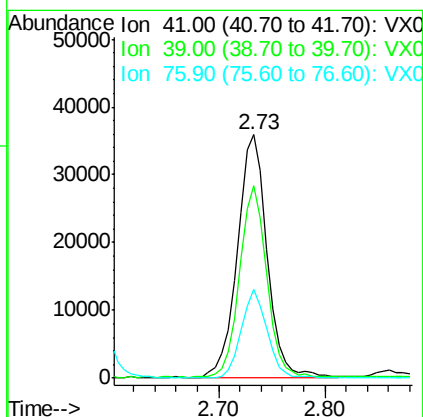
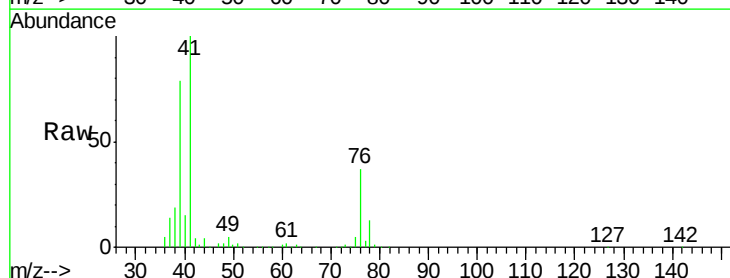
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

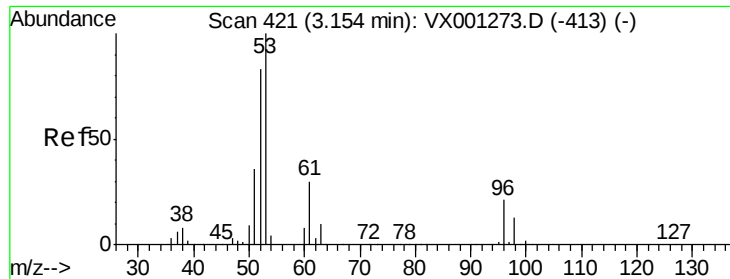
Tgt Ion: 56 Resp: 25255
 Ion Ratio Lower Upper
 56 100
 55 73.3 57.2 85.8



#14
 Allyl chloride
 Concen: 18.84 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 41 Resp: 70171
 Ion Ratio Lower Upper
 41 100
 39 72.0 58.1 87.1
 76 32.1 25.1 37.7





#15

Acrylonitrile

Concen: 83.05 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

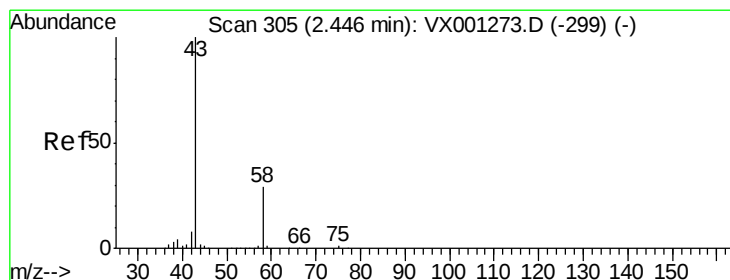
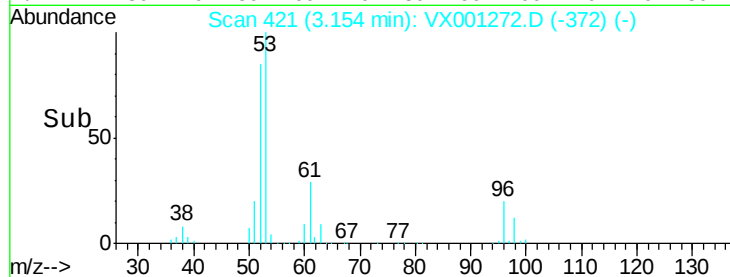
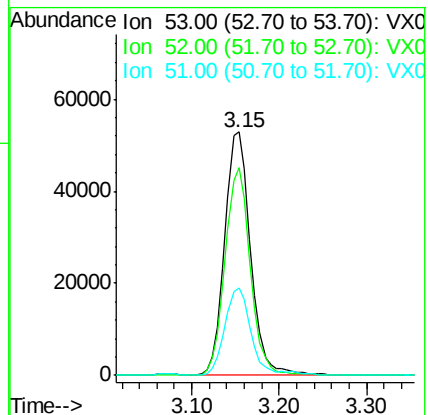
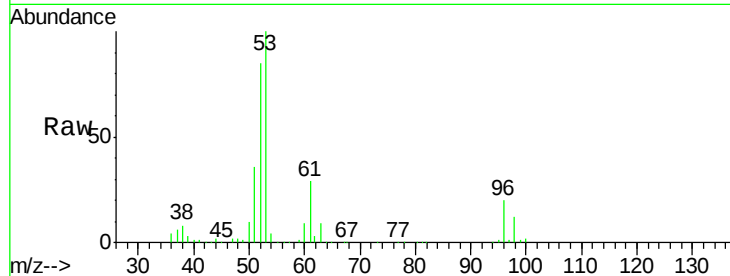
Tgt Ion: 53 Resp: 108049

Ion Ratio Lower Upper

53 100

52 84.0 67.0 100.4

51 36.6 29.9 44.9



#16

Acetone

Concen: 90.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001272.D

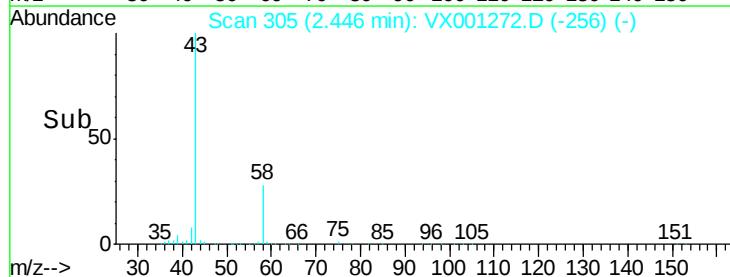
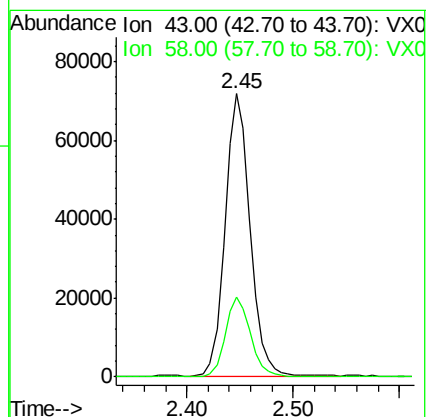
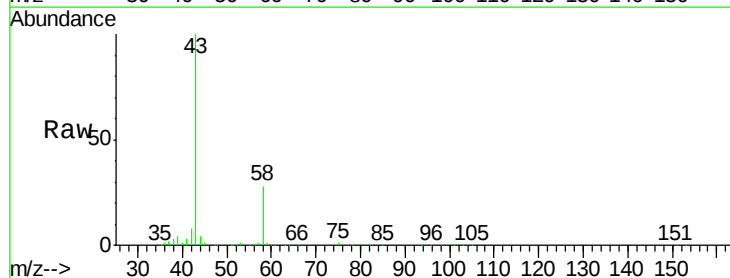
Acq: 01 May 2018 11:55

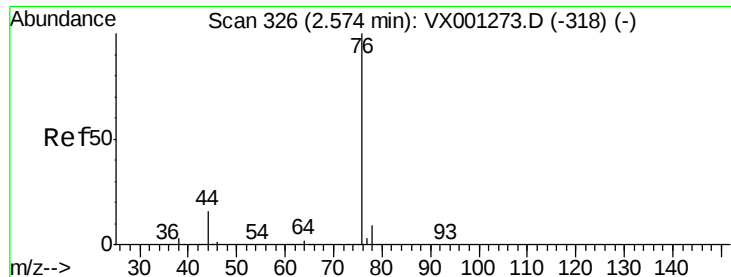
Tgt Ion: 43 Resp: 116665

Ion Ratio Lower Upper

43 100

58 28.1 22.8 34.2

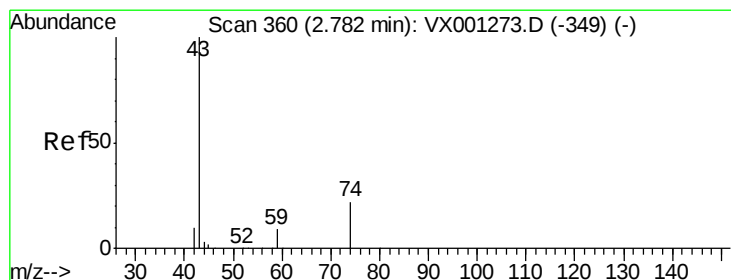
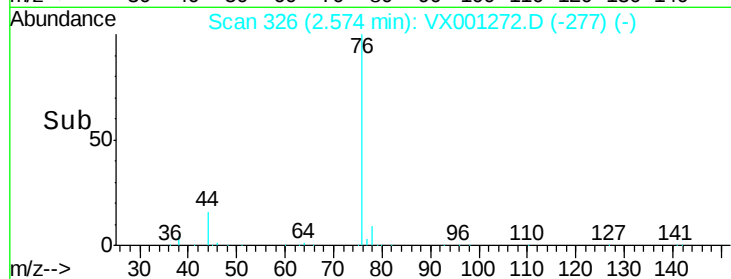
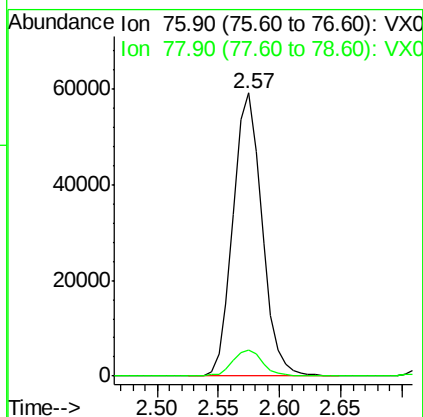
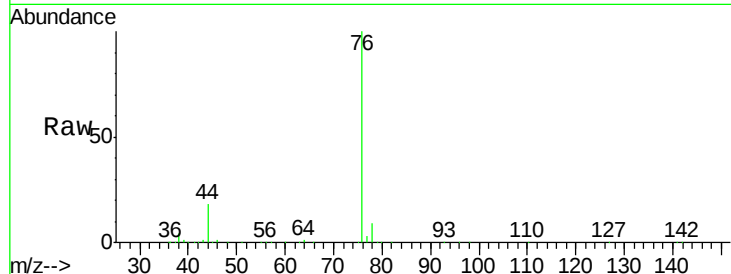




#17
Carbon Disulfide
Concen: 18.42 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

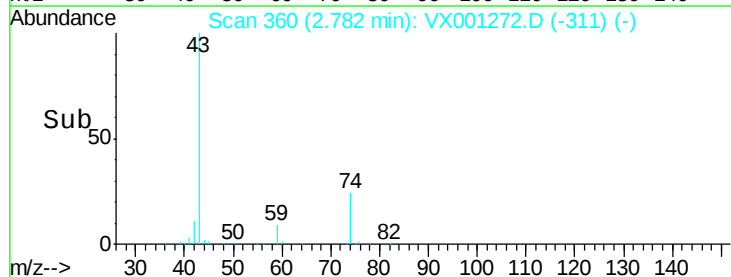
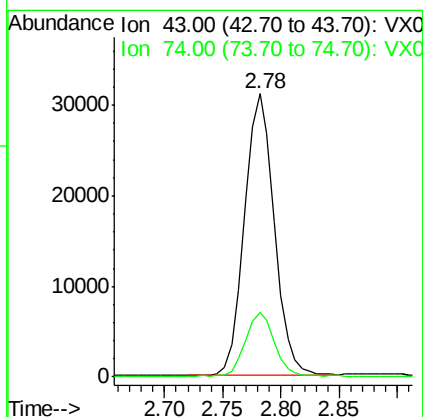
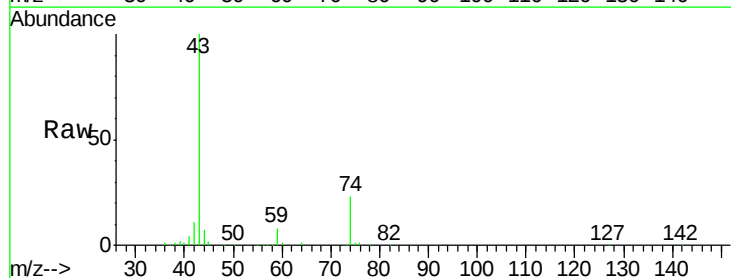
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

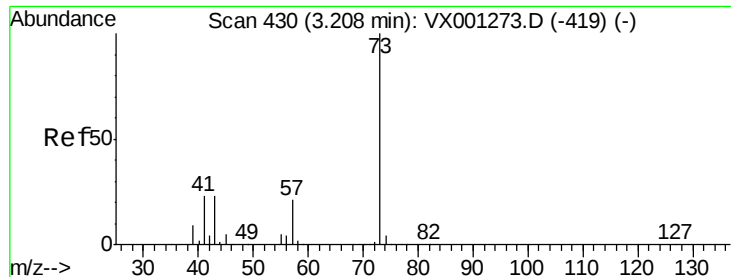
Tgt Ion: 76 Resp: 96956
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 17.54 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion: 43 Resp: 55975
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.6

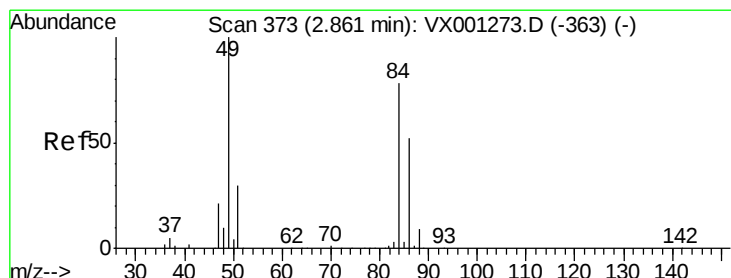
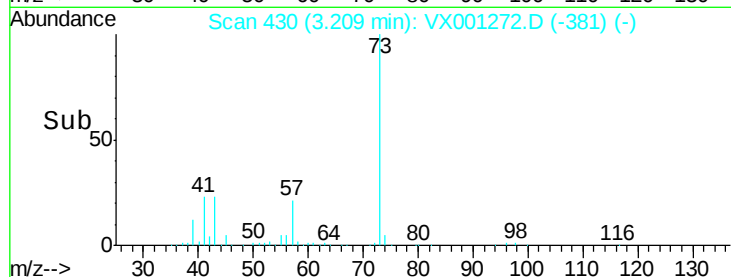
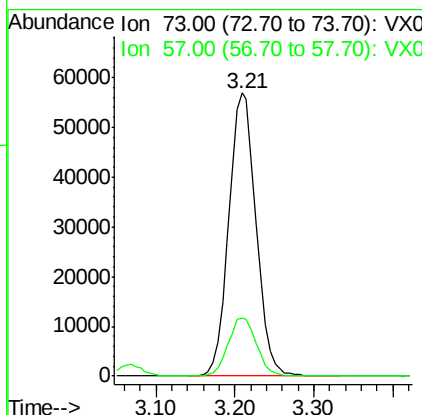
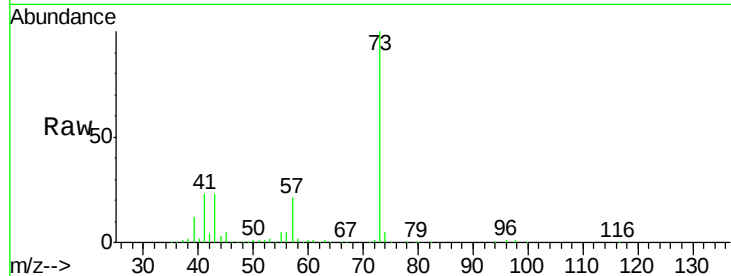




#19
Methyl tert-butyl Ether
Concen: 18.18 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

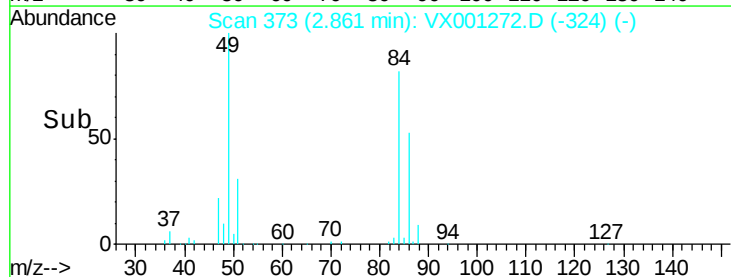
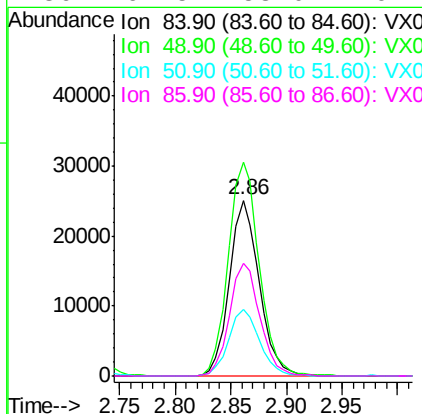
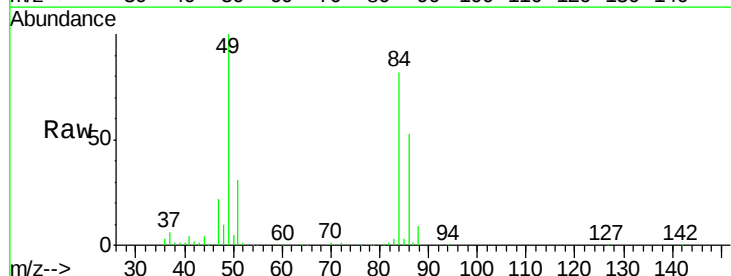
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

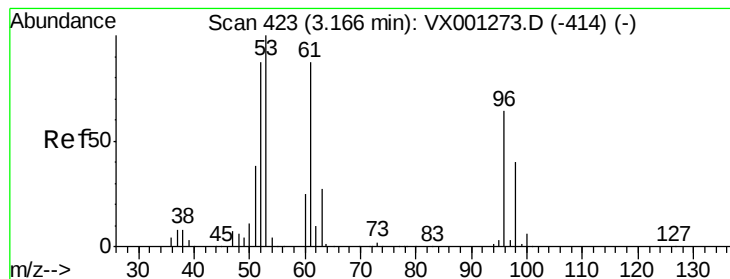
Tgt Ion: 73 Resp: 136380
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#20
Methylene Chloride
Concen: 19.35 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion: 84 Resp: 46734
Ion Ratio Lower Upper
84 100
49 121.8 102.8 154.2
51 37.9 30.9 46.3
86 64.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.67 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

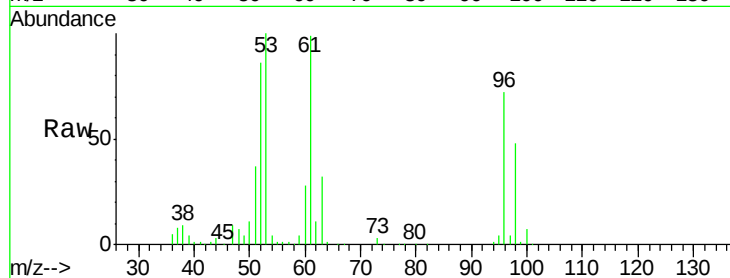
Tgt Ion: 96 Resp: 42454

Ion Ratio Lower Upper

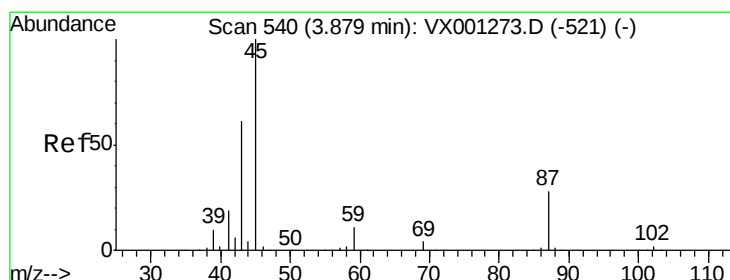
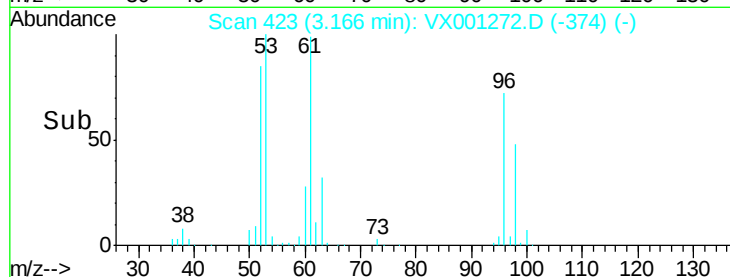
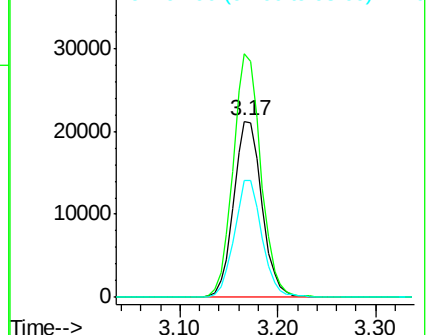
96 100

61 138.3 108.6 162.8

98 66.4 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.73 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Tgt Ion: 45 Resp: 131455

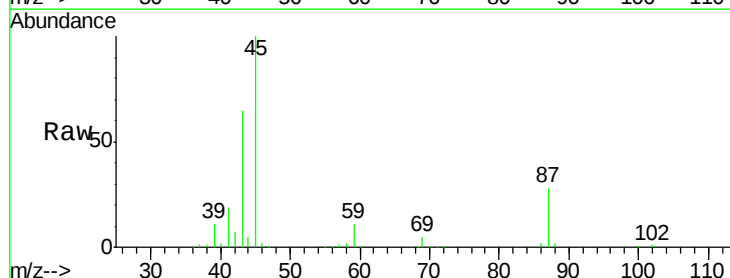
Ion Ratio Lower Upper

45 100

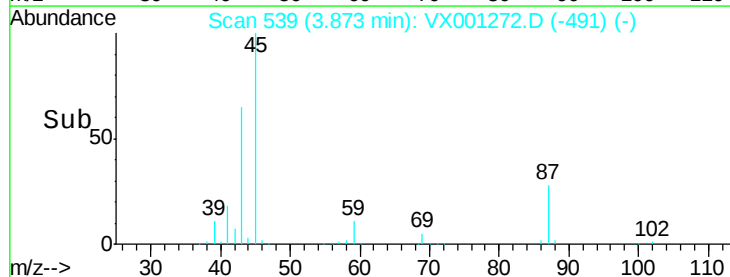
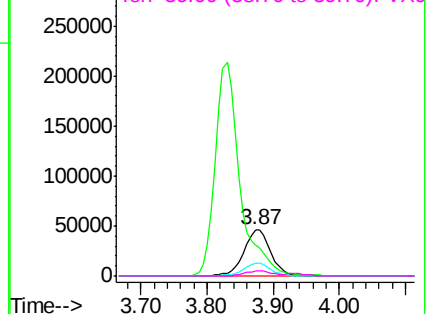
43 64.6 48.7 73.1

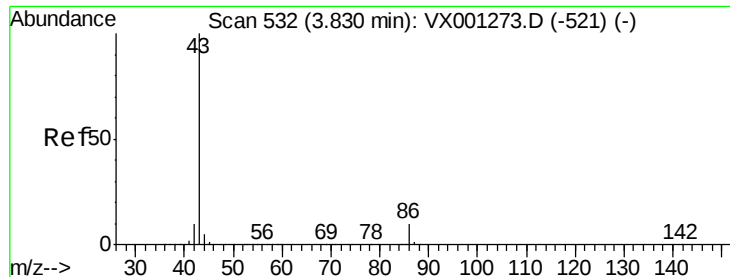
87 27.6 22.2 33.4

59 11.3 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 88.55 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

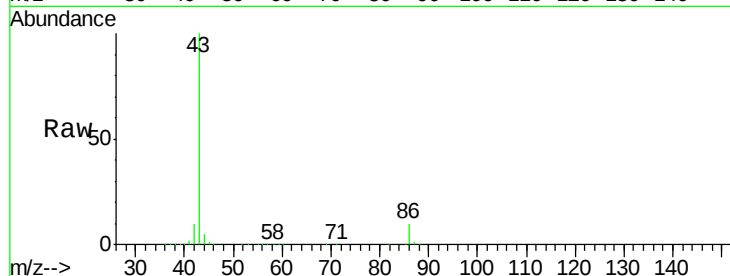
VSTDIC020

Tgt Ion: 43 Resp: 554714

Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

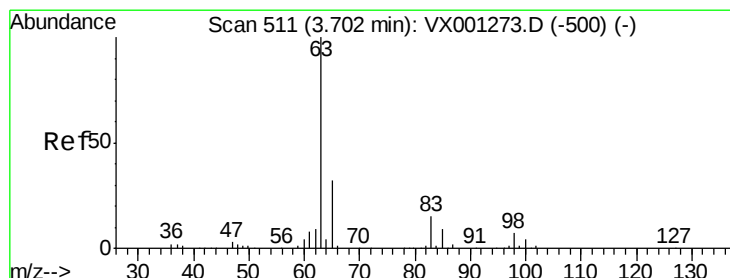
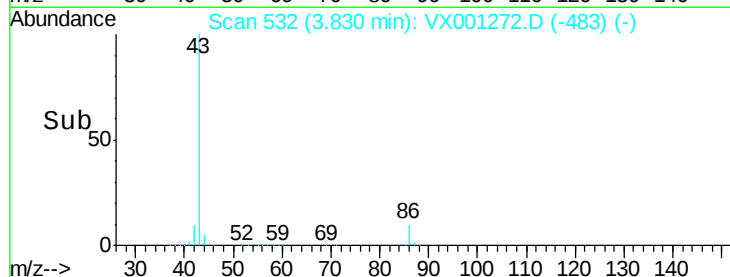
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.25 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

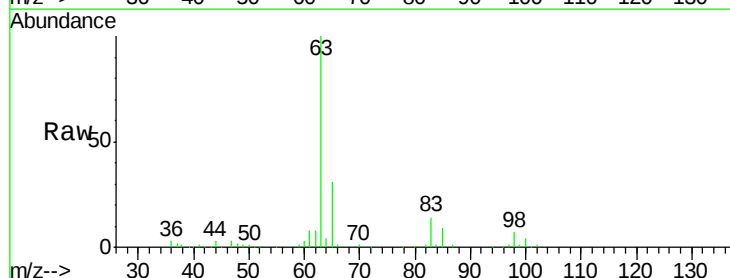
Tgt Ion: 63 Resp: 75887

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.3 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

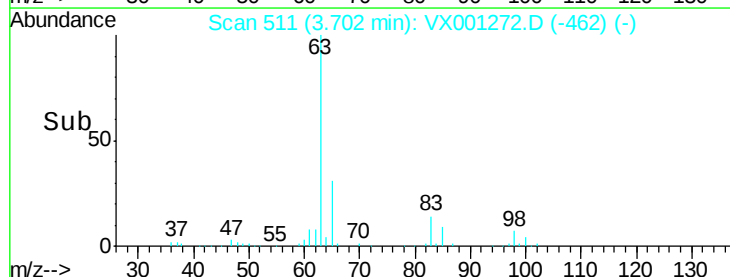
20000

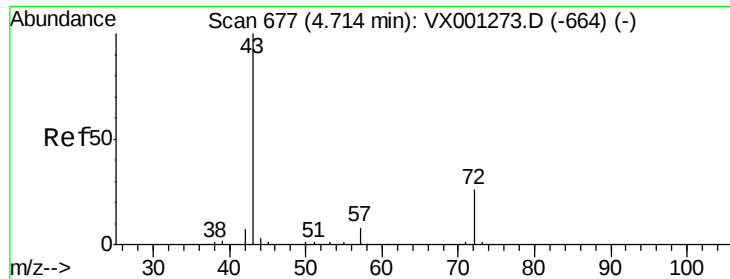
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 82.84 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

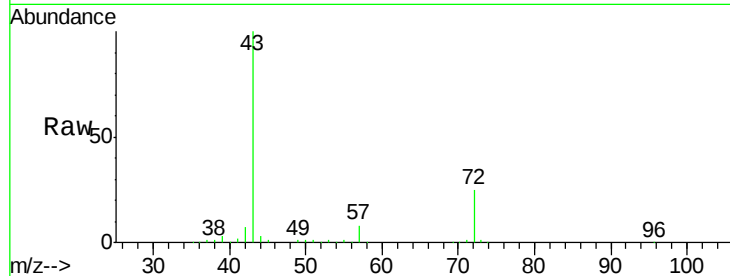
VSTDIC020

Tgt Ion: 43 Resp: 157371

Ion Ratio Lower Upper

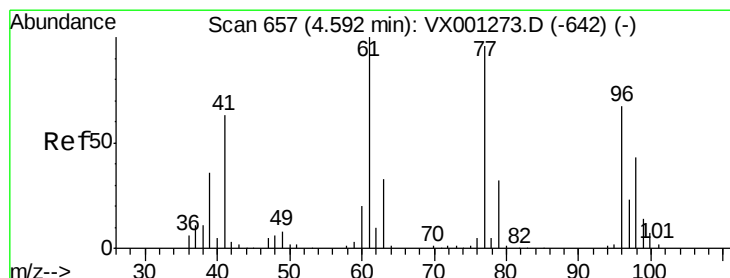
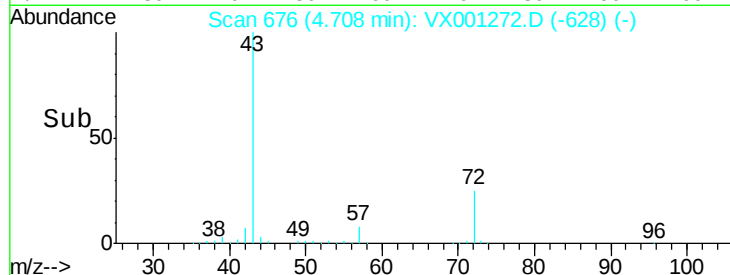
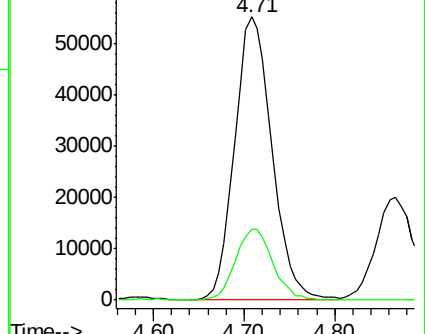
43 100

72 25.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001272.D

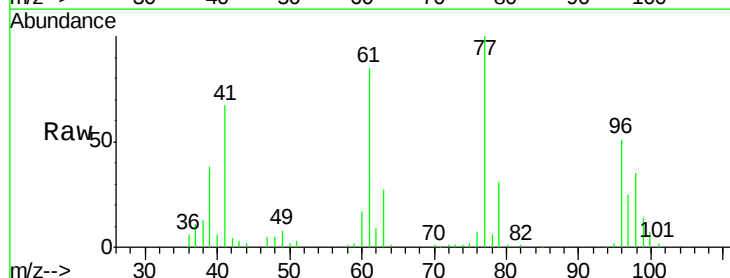
Acq: 01 May 2018 11:55

Tgt Ion: 77 Resp: 60009

Ion Ratio Lower Upper

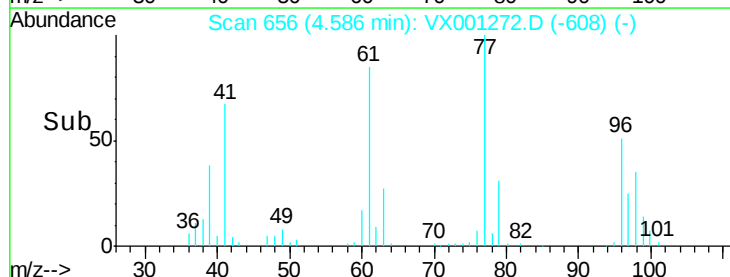
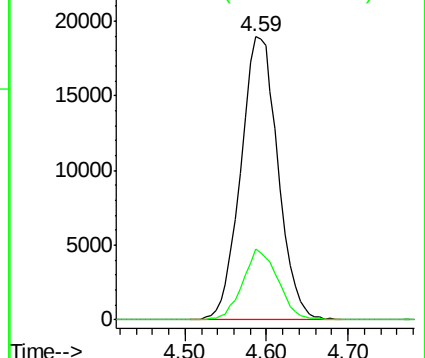
77 100

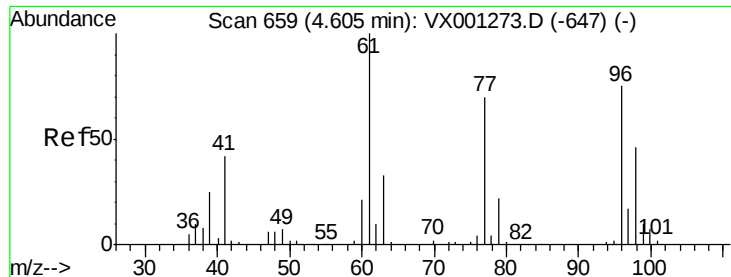
97 23.8 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.01 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

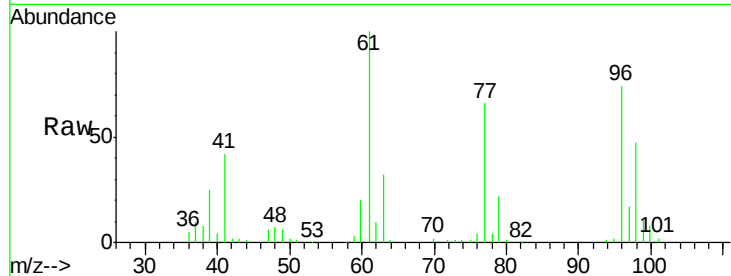
Tgt Ion: 96 Resp: 47054

Ion Ratio Lower Upper

96 100

61 141.4 0.0 288.0

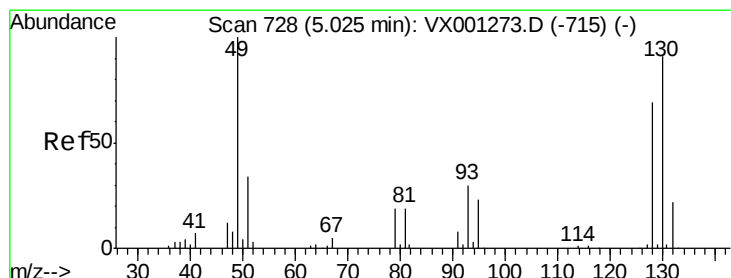
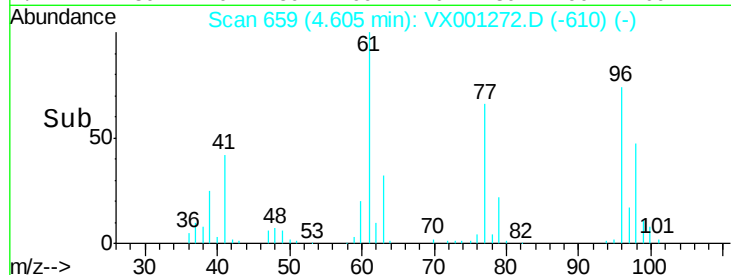
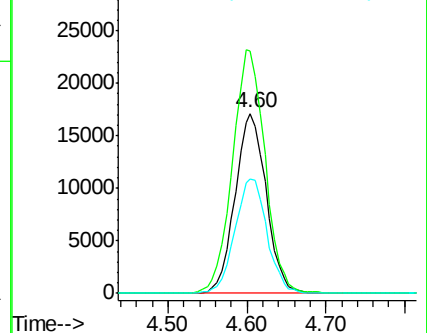
98 65.2 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 21.10 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

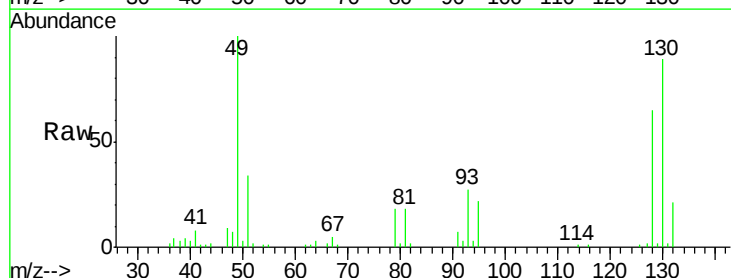
Tgt Ion: 49 Resp: 37345

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

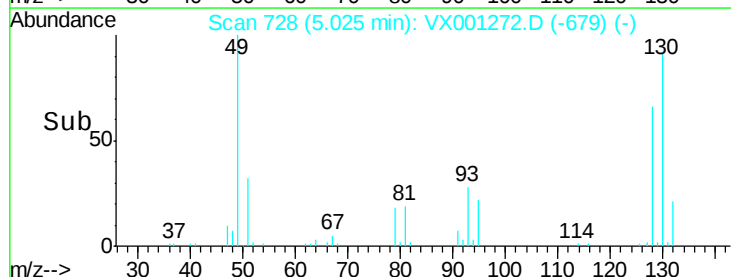
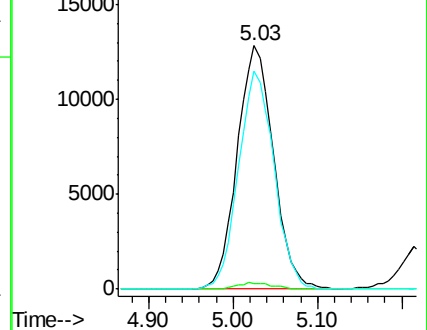
130 87.4 70.4 105.6

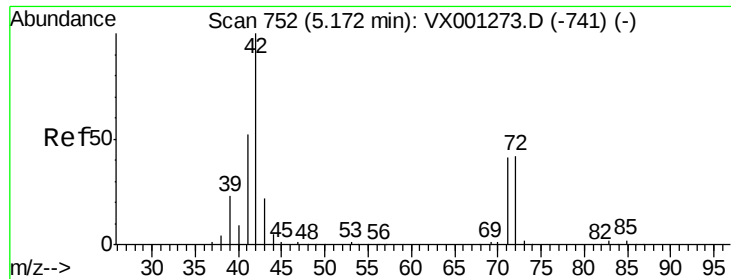


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

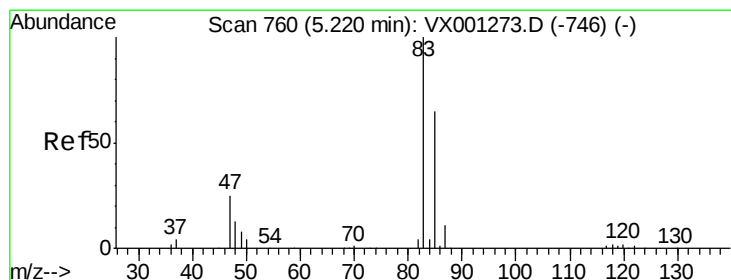
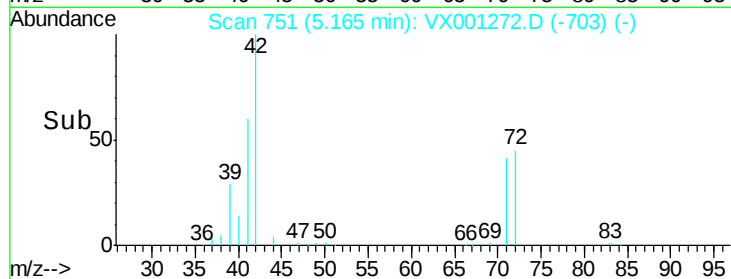
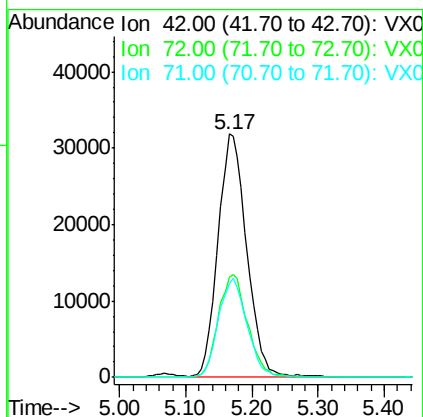
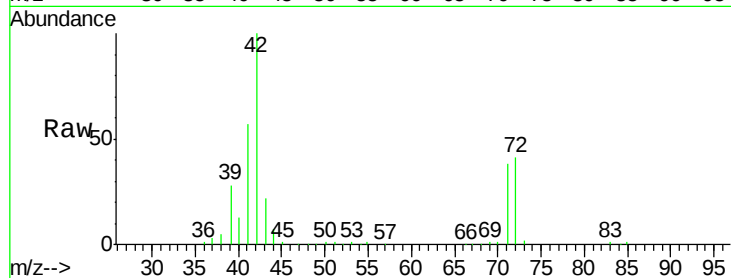




#29
Tetrahydrofuran
Concen: 78.30 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

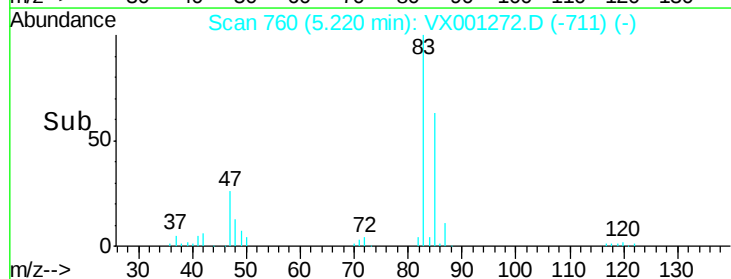
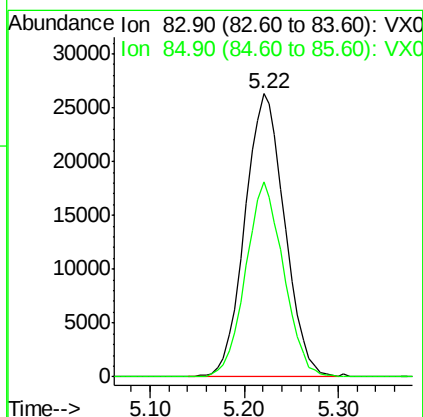
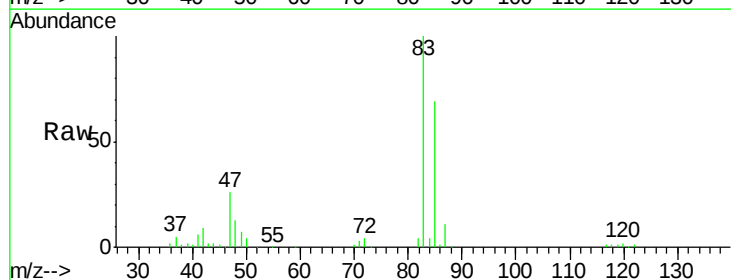
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

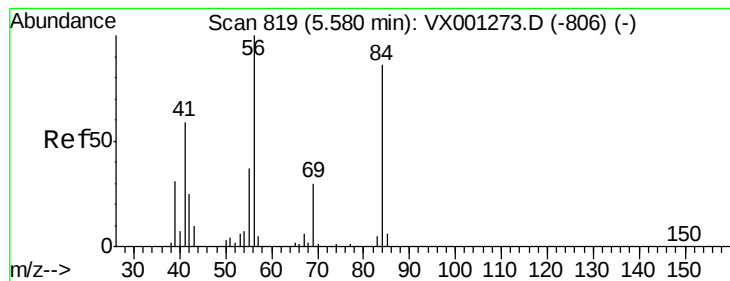
Tgt Ion: 42 Resp: 95076
Ion Ratio Lower Upper
42 100
72 43.5 34.6 52.0
71 40.5 32.7 49.1



#30
Chloroform
Concen: 18.63 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion: 83 Resp: 77741
Ion Ratio Lower Upper
83 100
85 68.9 52.2 78.2





#31

Cyclohexane

Concen: 20.00 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

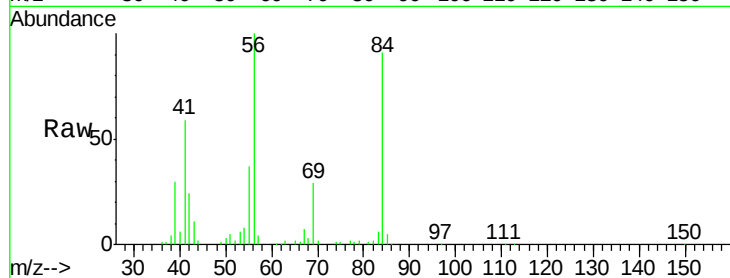
Tgt Ion: 56 Resp: 67653

Ion Ratio Lower Upper

56 100

69 28.8 24.0 36.0

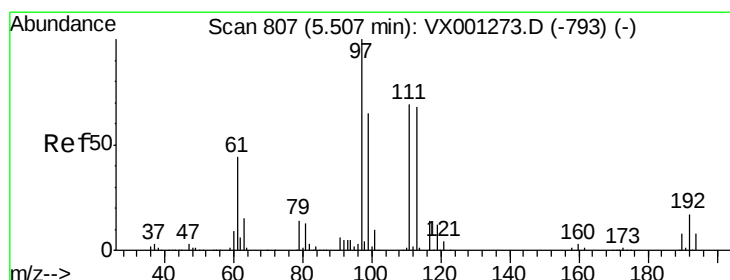
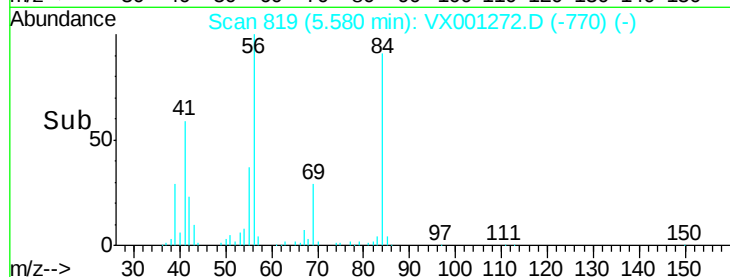
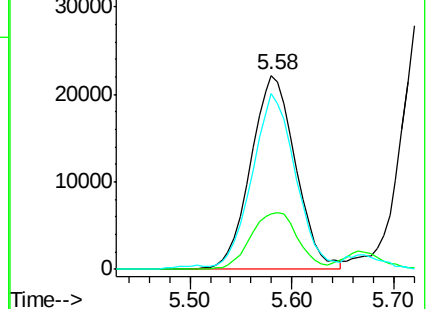
84 88.8 69.0 103.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.81 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

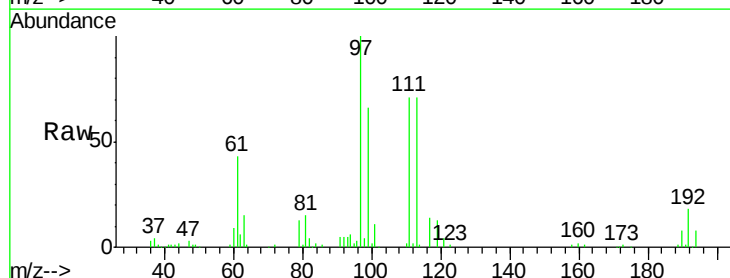
Tgt Ion: 97 Resp: 68023

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

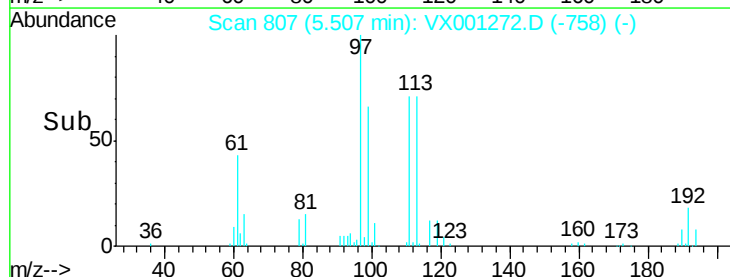
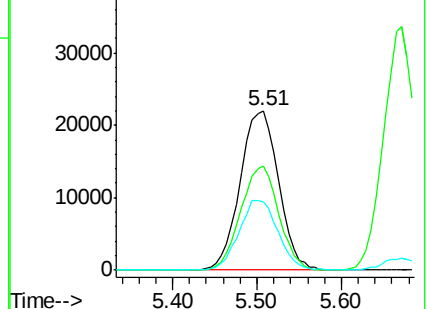
61 44.2 35.4 53.2

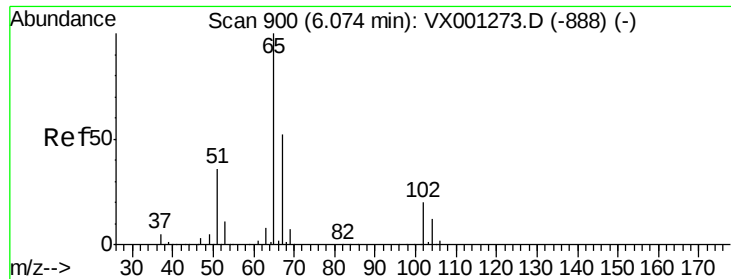


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

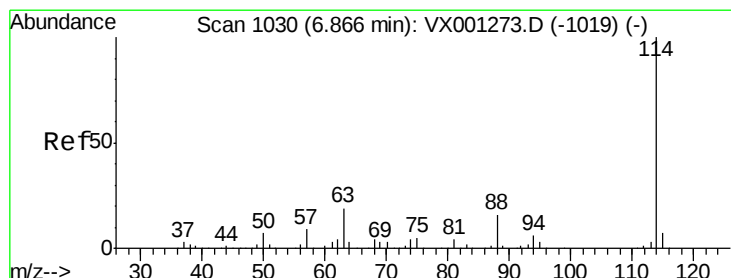
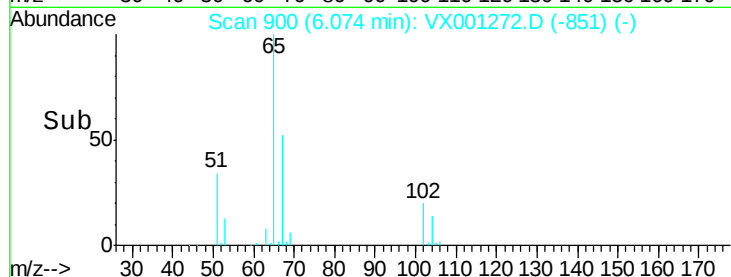
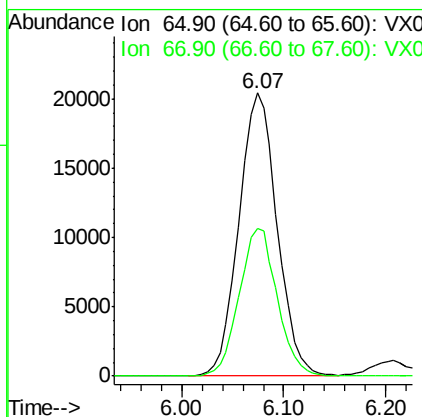
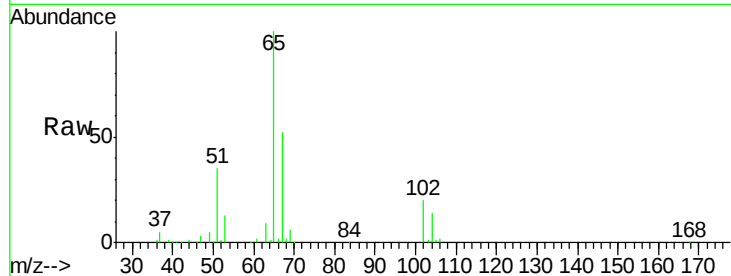




#33
 1,2-Dichloroethane-d4
 Concen: 17.07 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

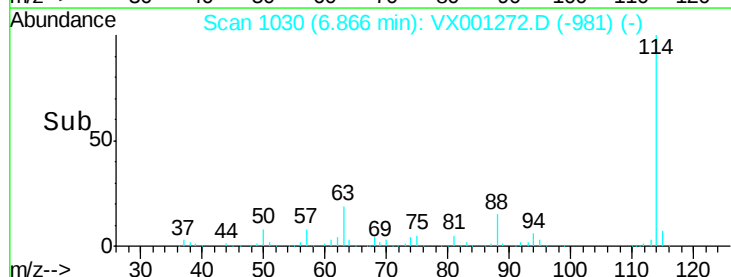
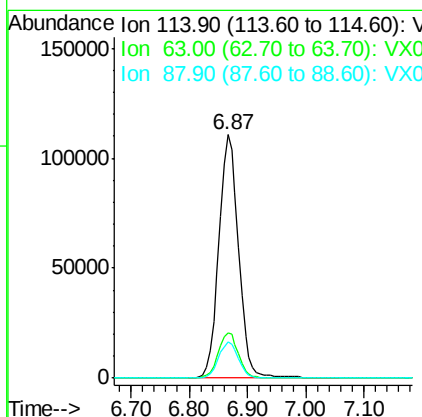
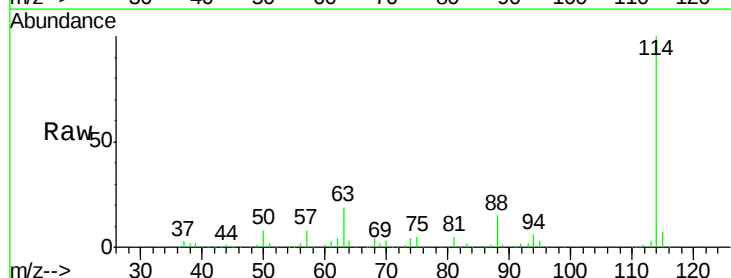
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

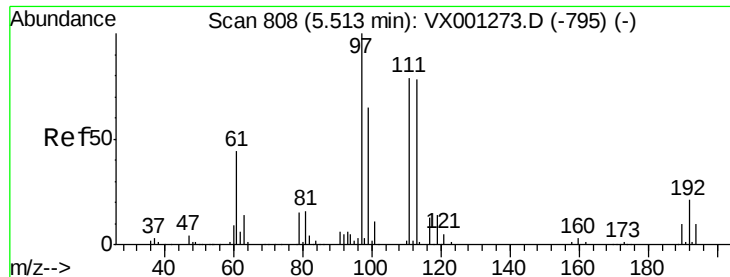
Tgt Ion: 65 Resp: 53294
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 114 Resp: 260130
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.8
 88 14.7 0.0 32.2

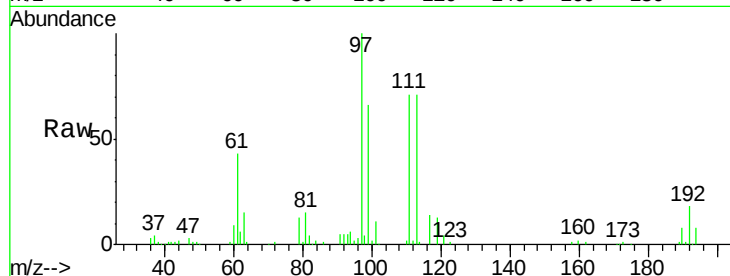




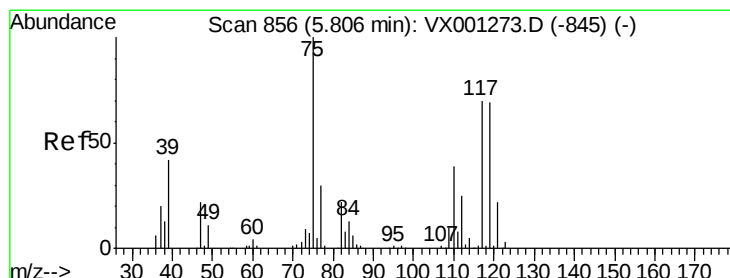
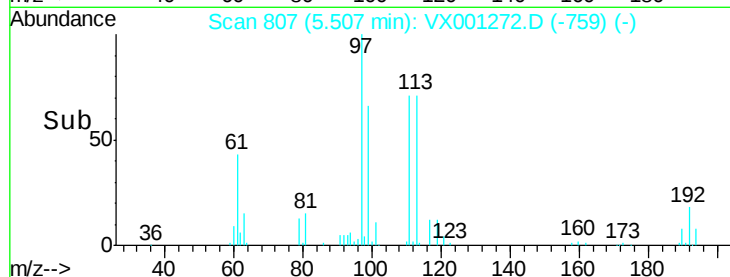
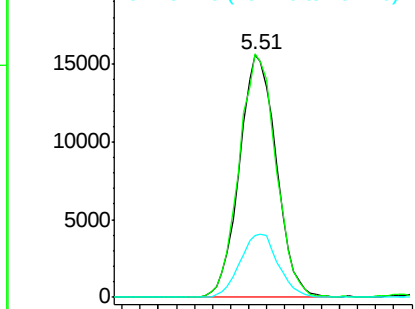
#35
 Dibromofluoromethane
 Concen: 20.30 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:113 Resp: 43901
 Ion Ratio Lower Upper
 113 100
 111 100.5 81.2 121.8
 192 26.8 20.7 31.1

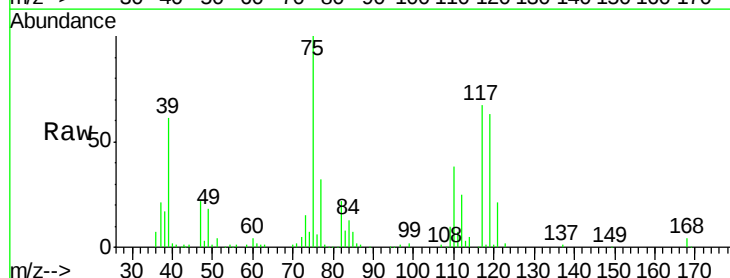


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

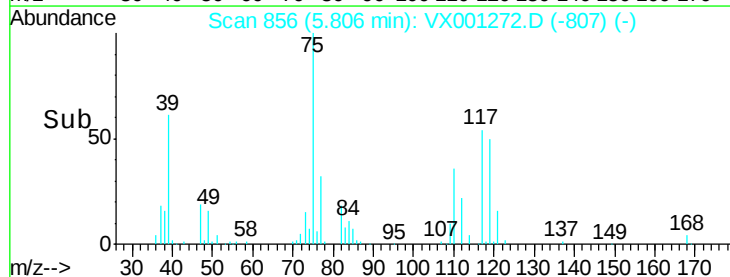
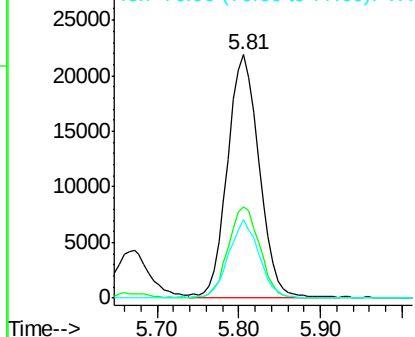


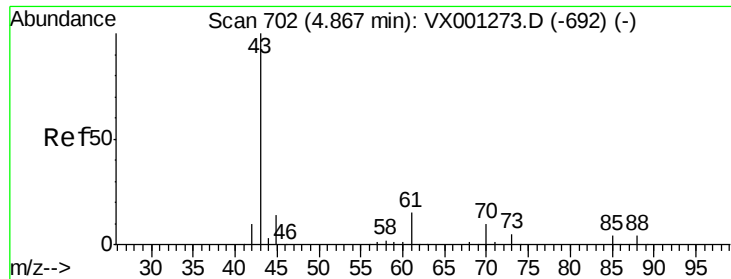
#36
 1,1-Dichloropropene
 Concen: 20.18 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 75 Resp: 58387
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.9 56.9
 77 31.2 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

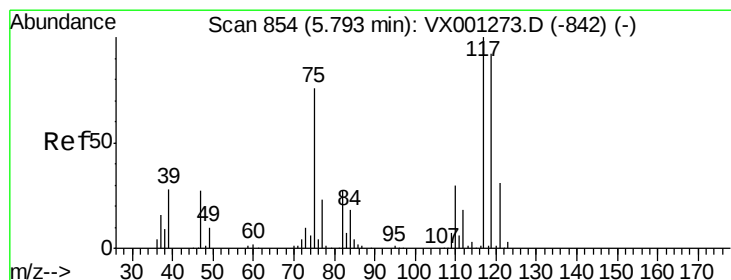
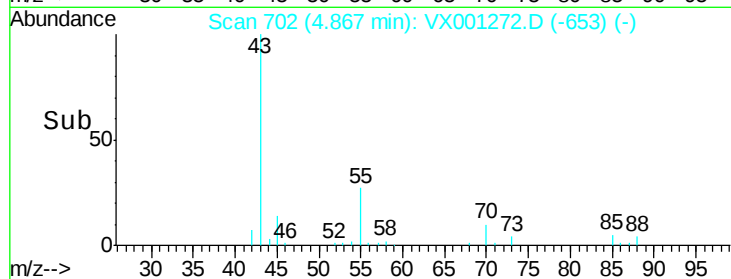
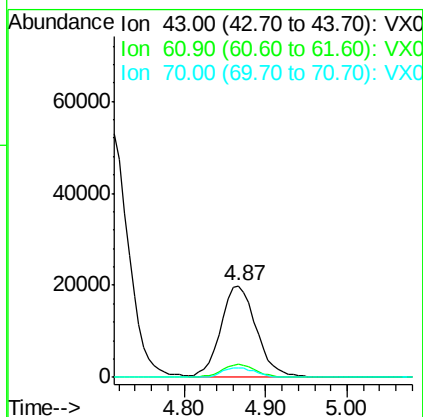
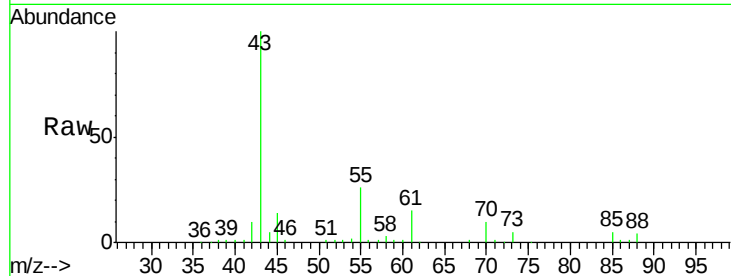




#37
Ethyl Acetate
Concen: 17.58 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

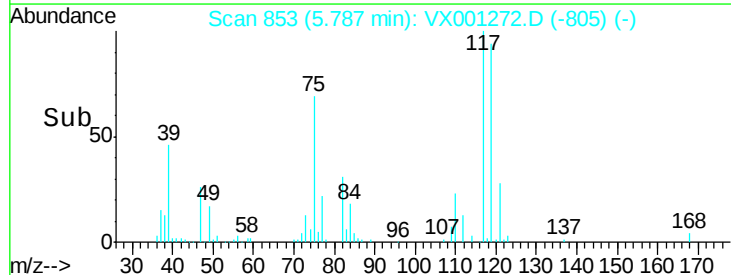
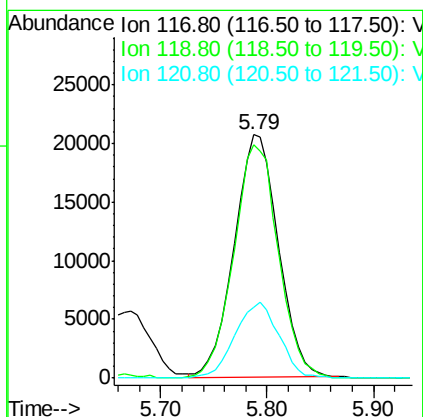
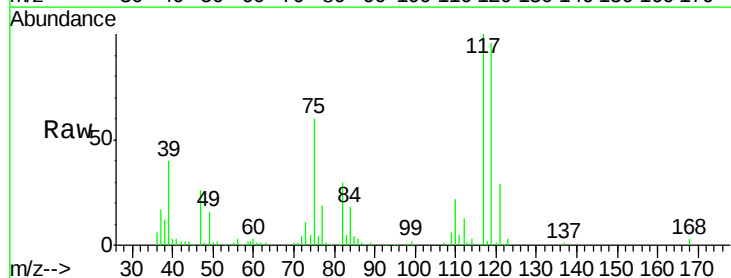
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

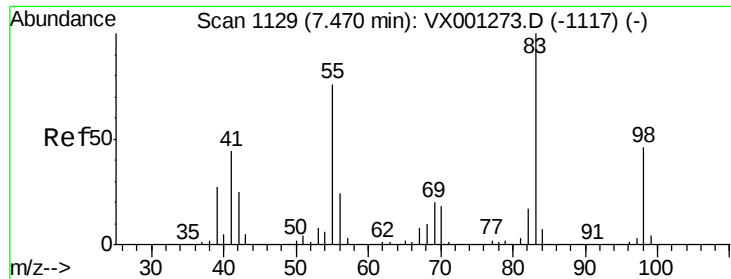
Tgt Ion: 43 Resp: 59289
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.23 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion: 117 Resp: 60268
Ion Ratio Lower Upper
117 100
119 96.4 73.4 110.2
121 29.3 25.0 37.4

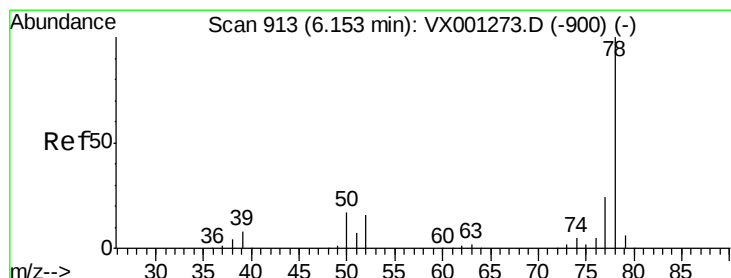
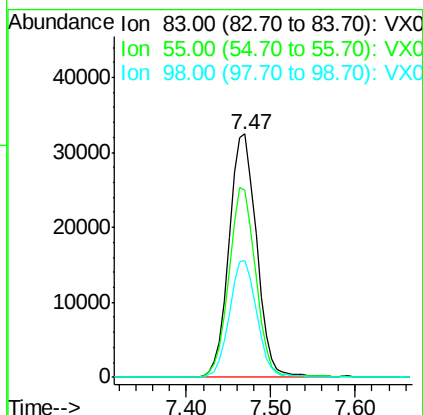
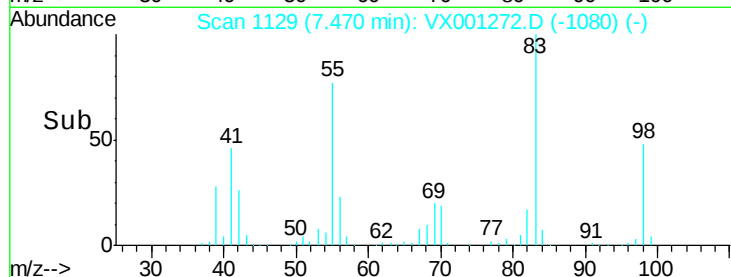
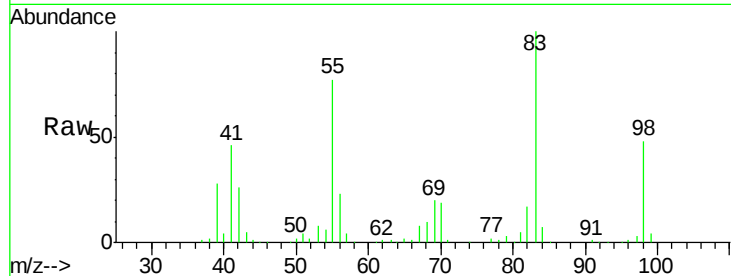




#39
Methylcyclohexane
Concen: 22.30 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

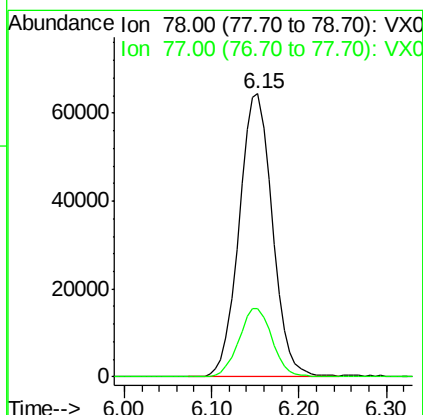
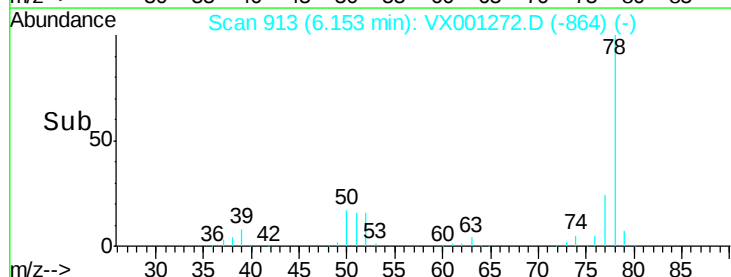
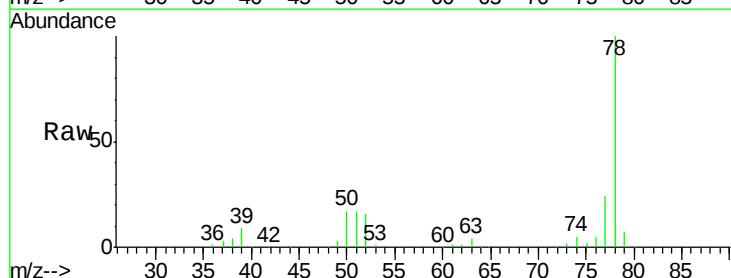
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

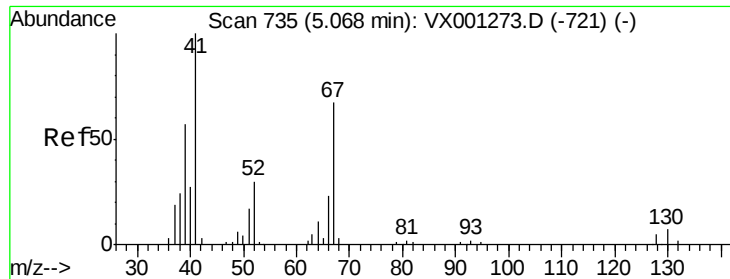
Tgt Ion: 83 Resp: 72355
Ion Ratio Lower Upper
83 100
55 76.9 60.4 90.6
98 47.8 37.0 55.6



#40
Benzene
Concen: 20.47 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion: 78 Resp: 170568
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

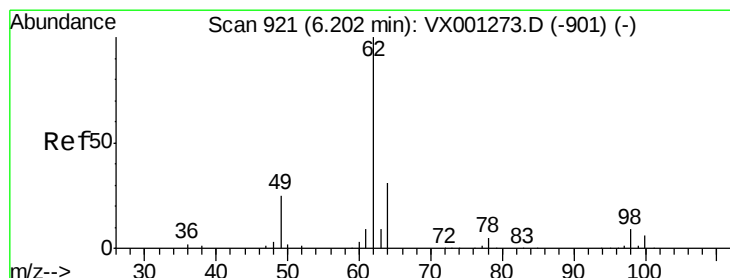
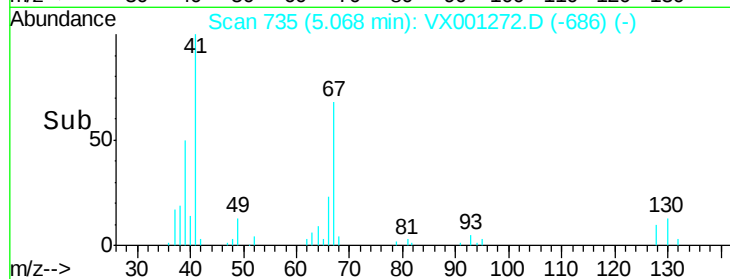
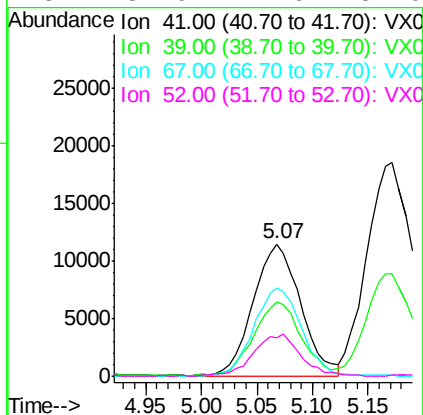
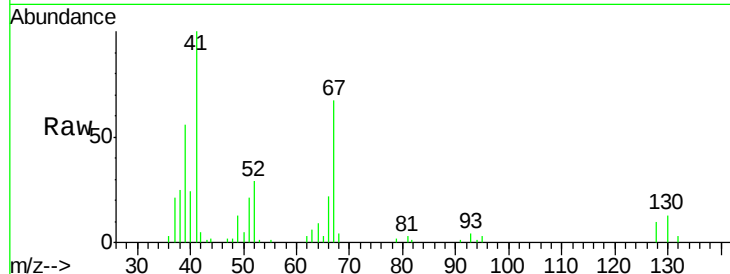




#41
Methacrylonitrile
Concen: 17.74 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

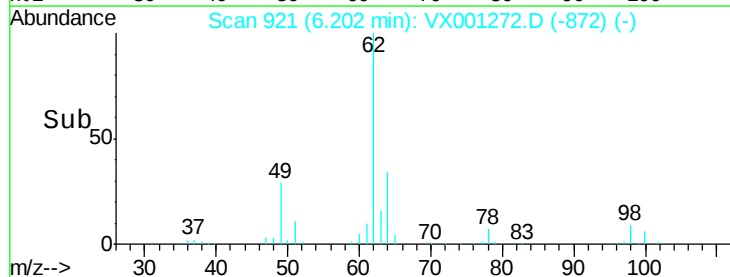
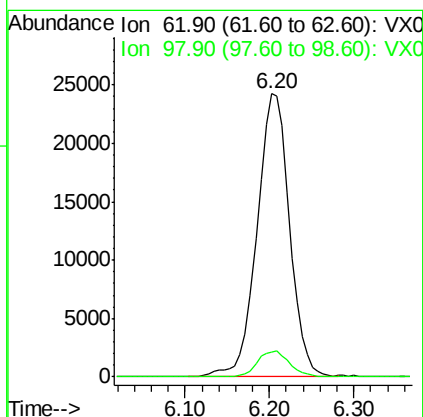
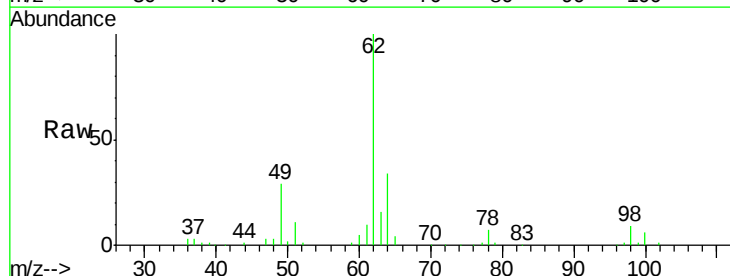
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

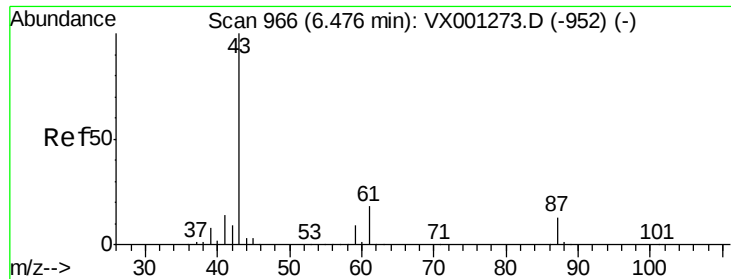
Tgt Ion:	41	Resp:	33623
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.8	68.8
67	68.0	54.8	82.2
52	31.9	24.6	37.0



#42
1,2-Dichloroethane
Concen: 19.40 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion:	62	Resp:	64476
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 17.72 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

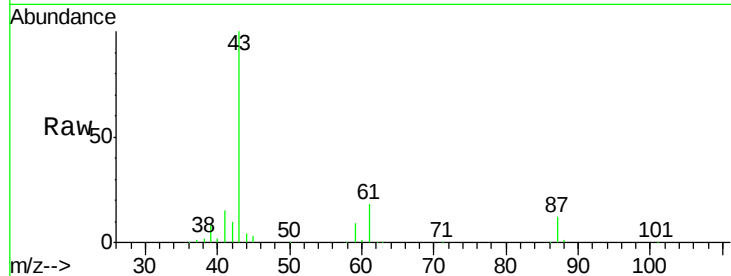
Tgt Ion: 43 Resp: 94349

Ion Ratio Lower Upper

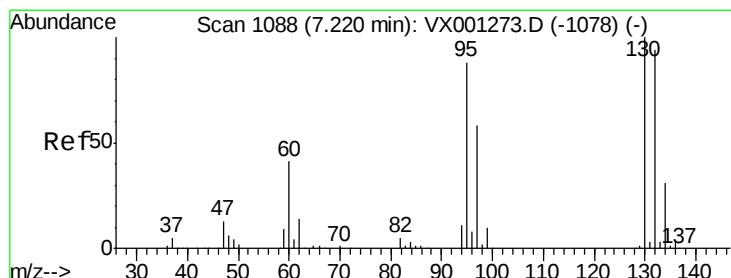
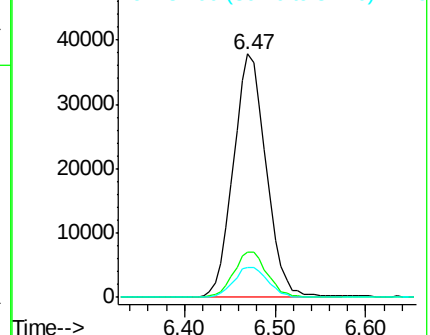
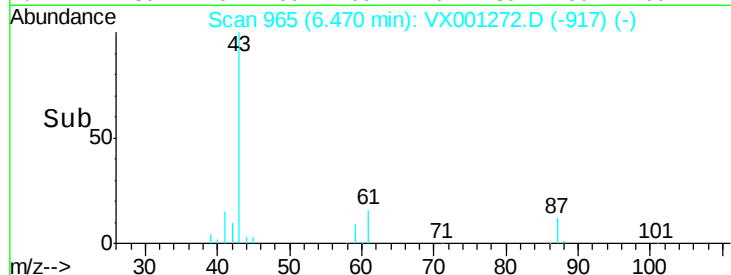
43 100

61 19.2 15.0 22.4

87 12.9 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VX001272.D (-917) (-)



#44

Trichloroethene

Concen: 21.34 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001272.D

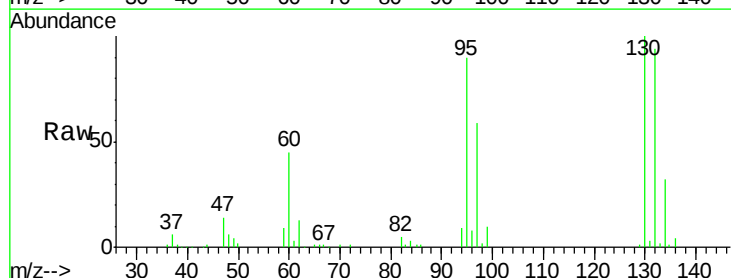
Acq: 01 May 2018 11:55

Tgt Ion: 130 Resp: 53210

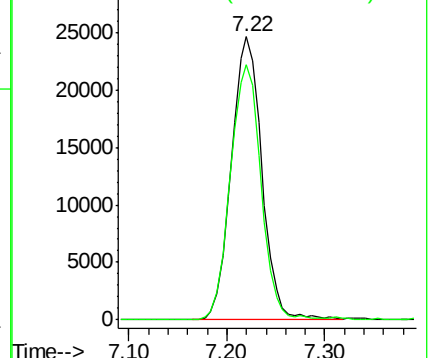
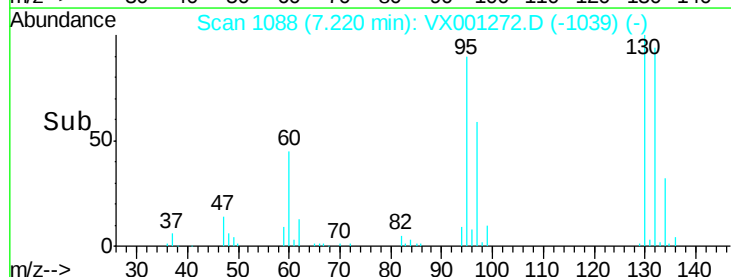
Ion Ratio Lower Upper

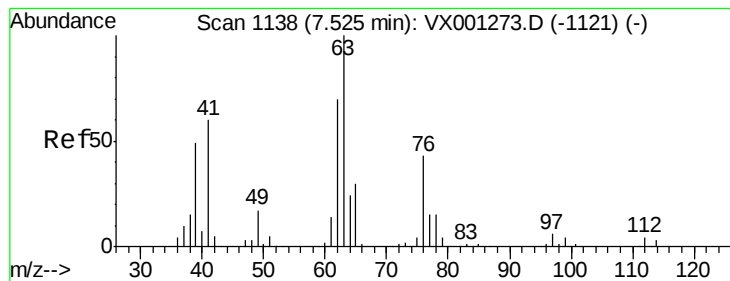
130 100

95 90.0 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): VX001272.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 19.68 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

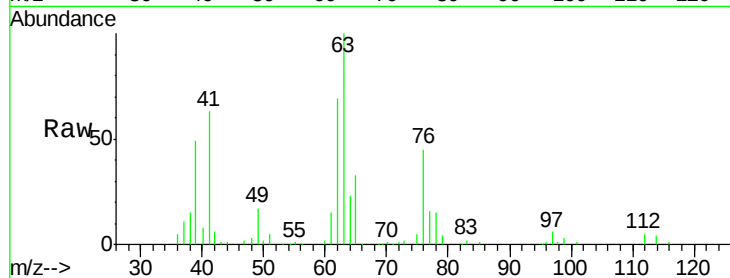
VSTDIC020

Tgt Ion: 63 Resp: 42924

Ion Ratio Lower Upper

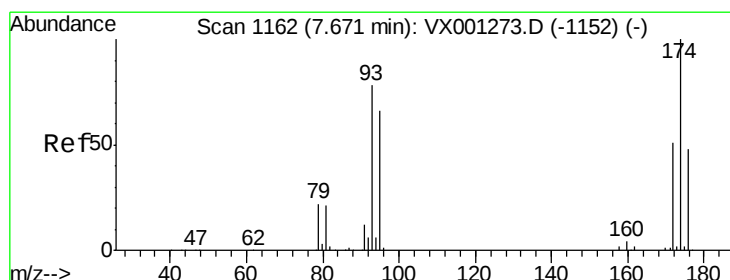
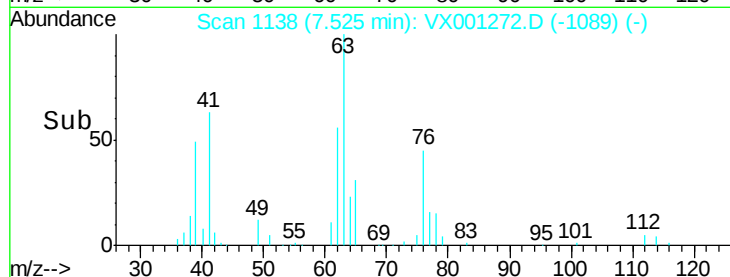
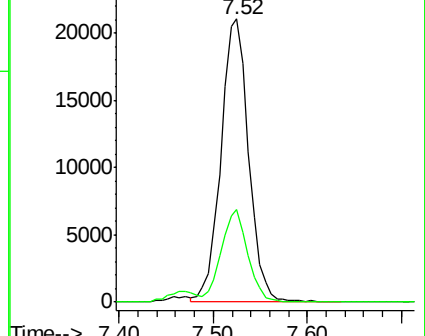
63 100

65 32.5 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.39 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

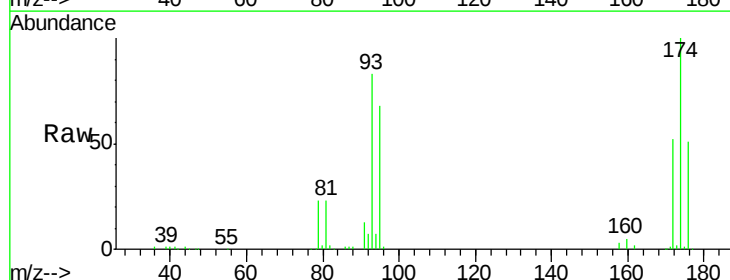
Tgt Ion: 93 Resp: 30791

Ion Ratio Lower Upper

93 100

95 81.8 67.0 100.6

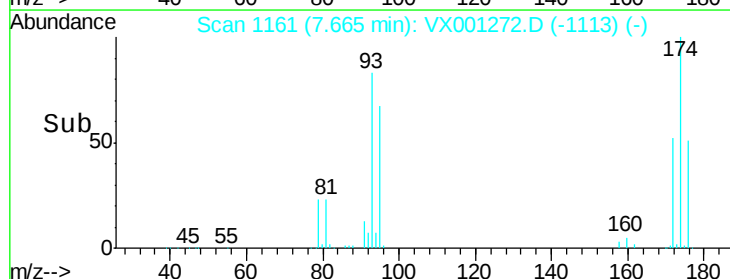
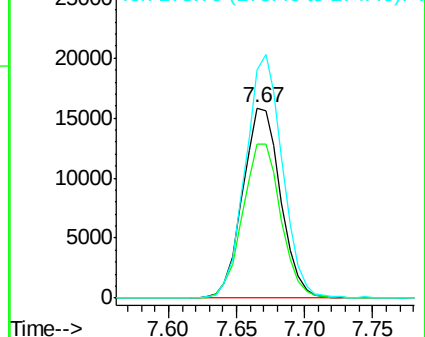
174 125.0 102.3 153.5

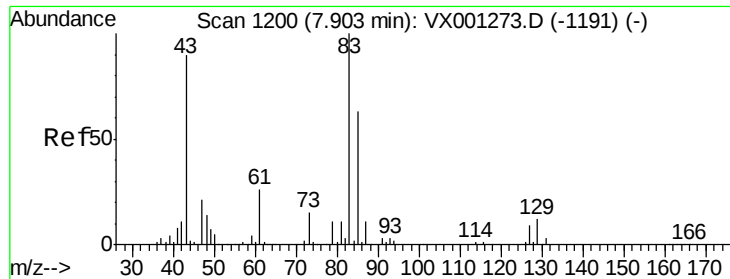


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.73 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

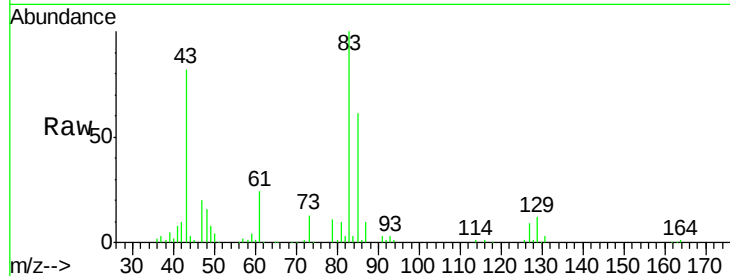
Tgt Ion: 83 Resp: 54166

Ion Ratio Lower Upper

83 100

85 61.5 50.3 75.5

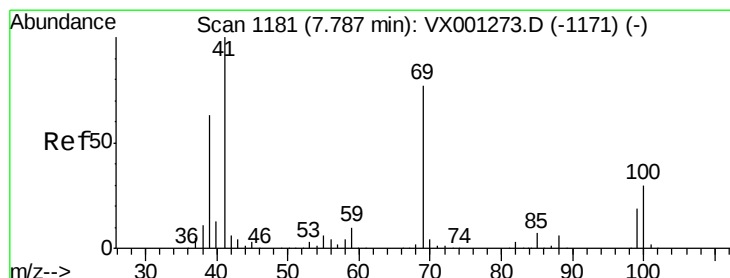
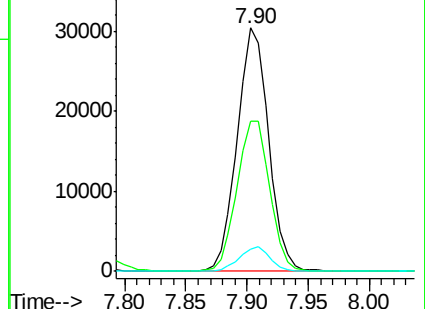
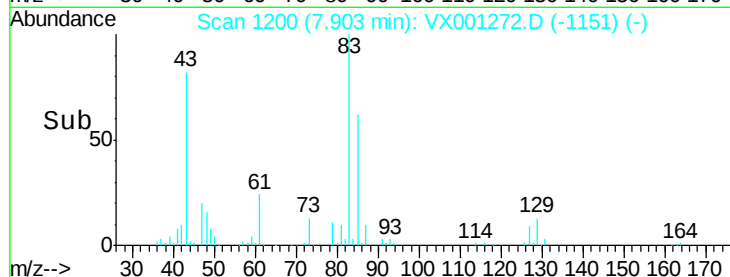
127 9.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.49 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

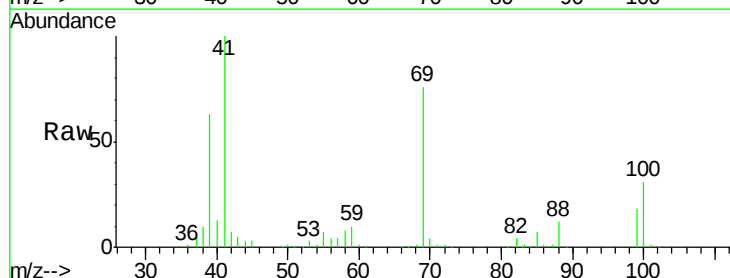
Tgt Ion: 41 Resp: 49426

Ion Ratio Lower Upper

41 100

69 79.6 63.0 94.6

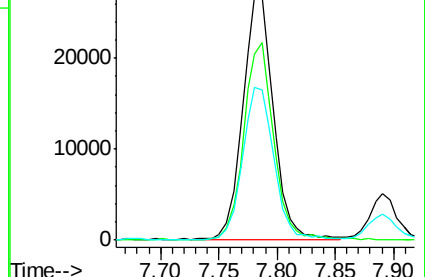
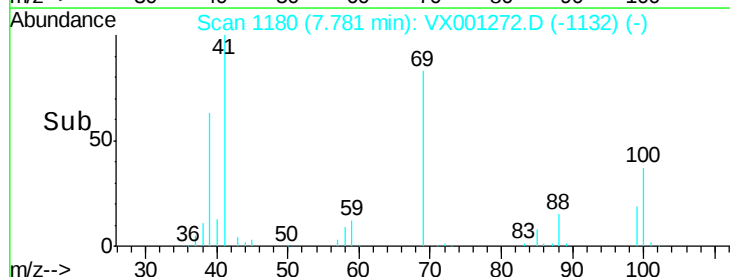
39 63.8 50.2 75.4

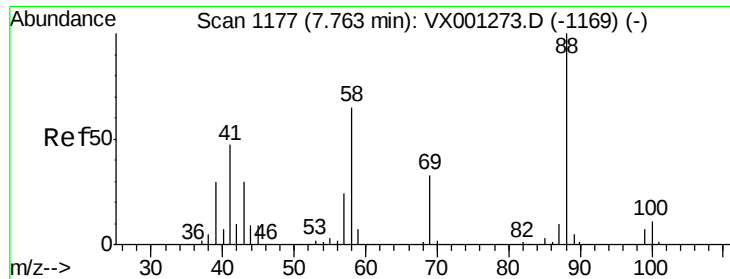


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

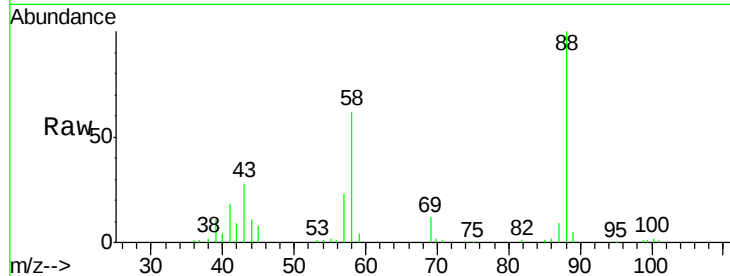




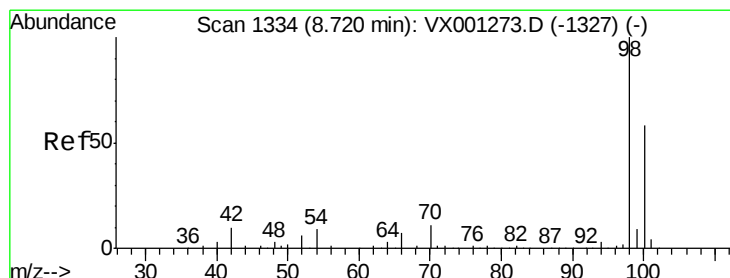
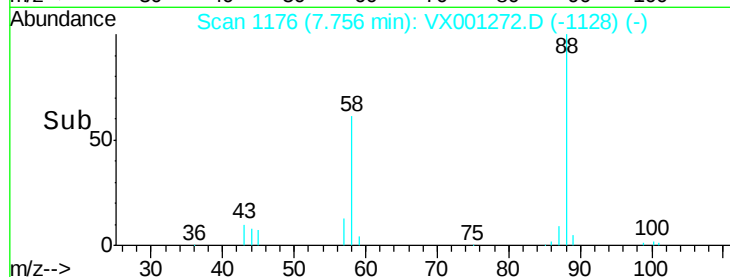
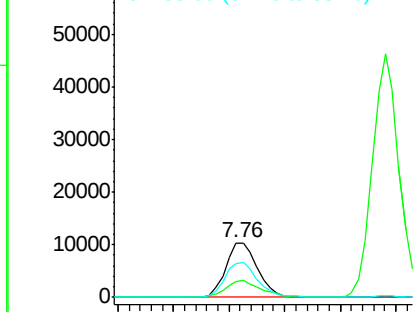
#49
 1,4-Dioxane
 Concen: 366.16 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 88 Resp: 20476
 Ion Ratio Lower Upper
 88 100
 43 34.6 27.9 41.9
 58 66.2 54.2 81.2

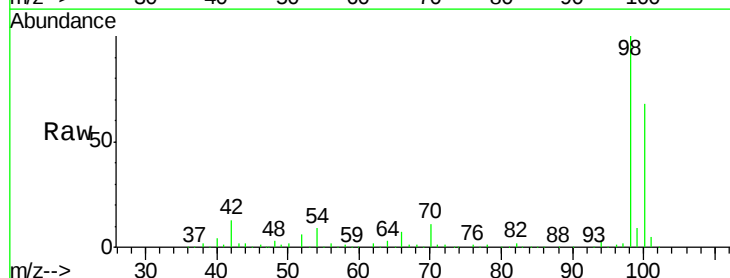


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

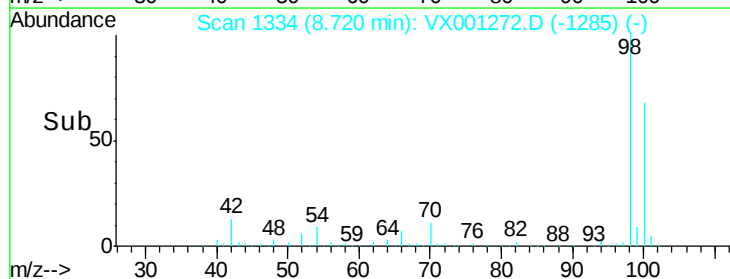
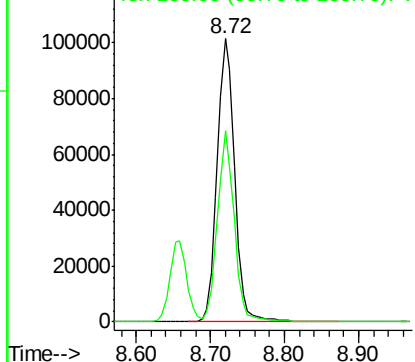


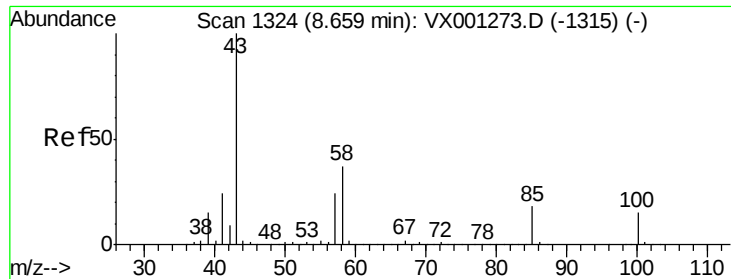
#50
 Toluene-d8
 Concen: 20.04 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 98 Resp: 164000
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

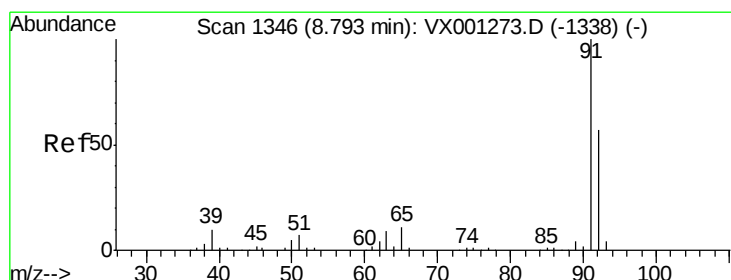
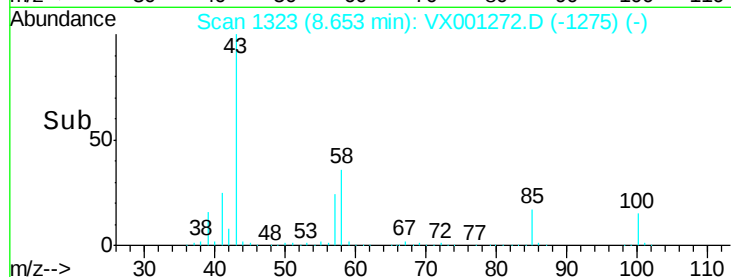
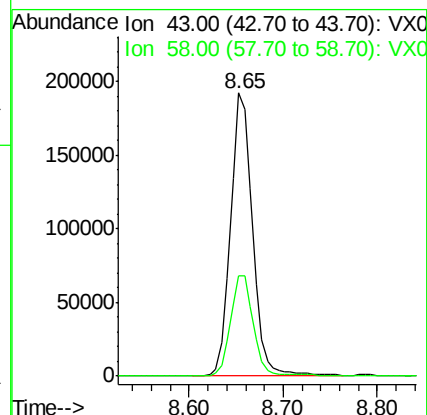
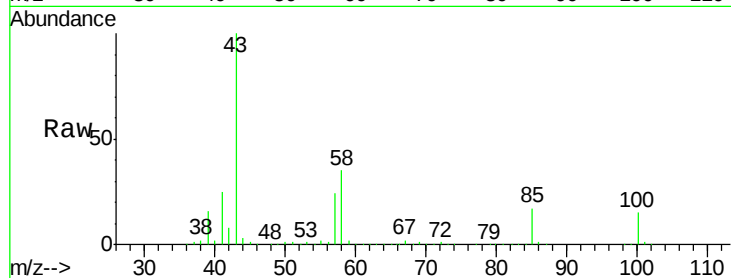




#51
4-Methyl-2-Pentanone
Concen: 89.62 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

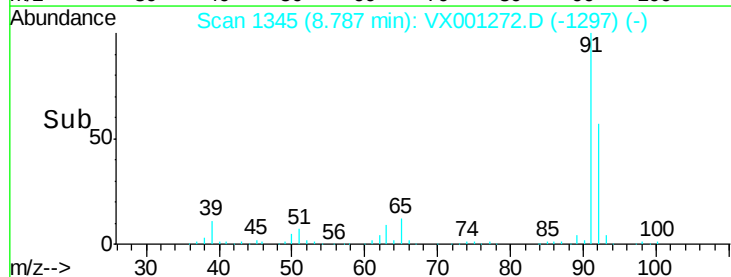
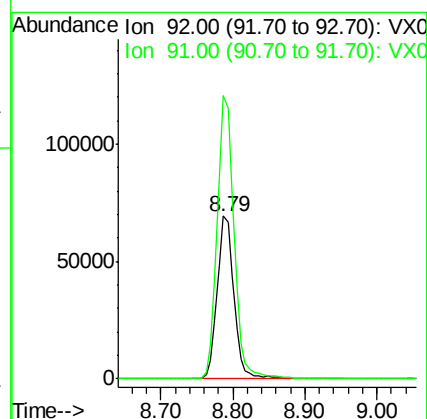
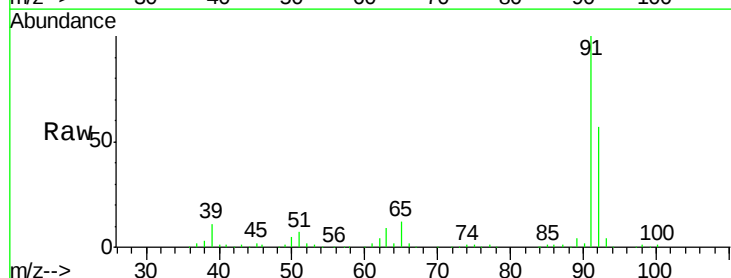
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

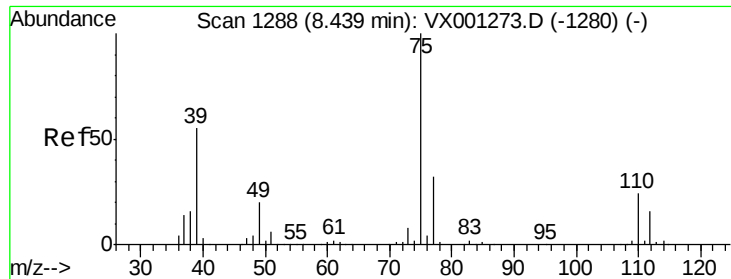
Tgt Ion: 43 Resp: 312628
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6



#52
Toluene
Concen: 20.58 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion: 92 Resp: 112315
Ion Ratio Lower Upper
92 100
91 174.9 139.0 208.6

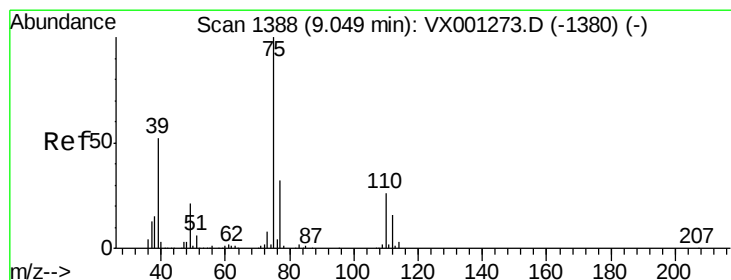
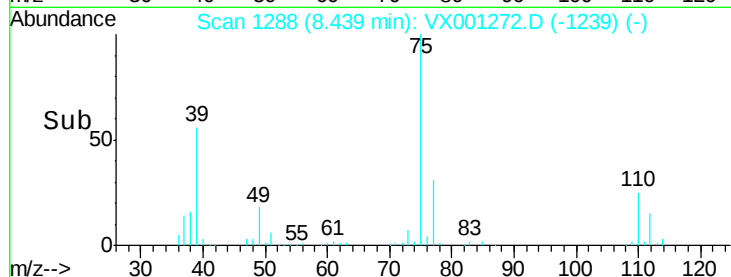
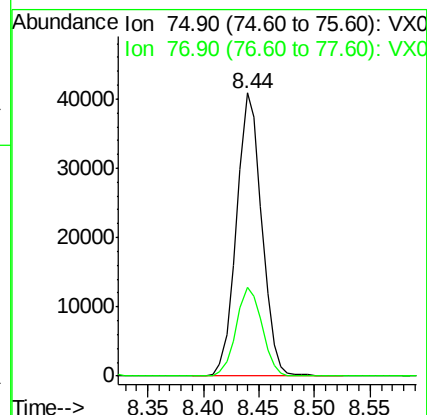
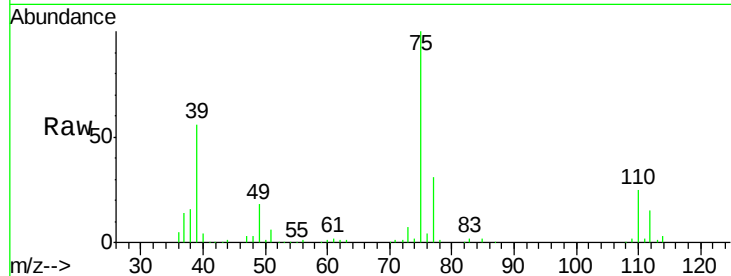




#53
 t-1,3-Dichloropropene
 Concen: 20.17 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

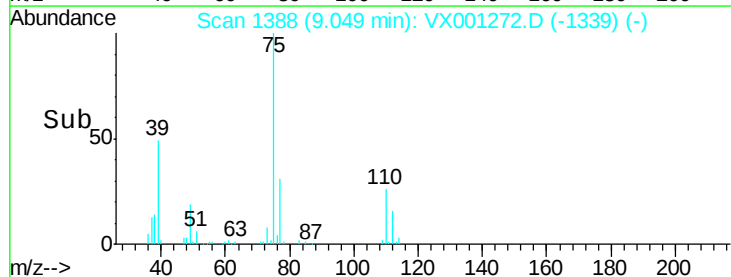
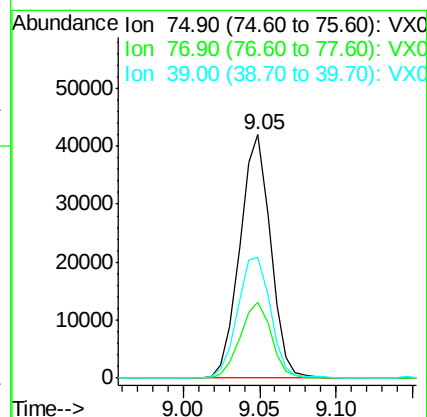
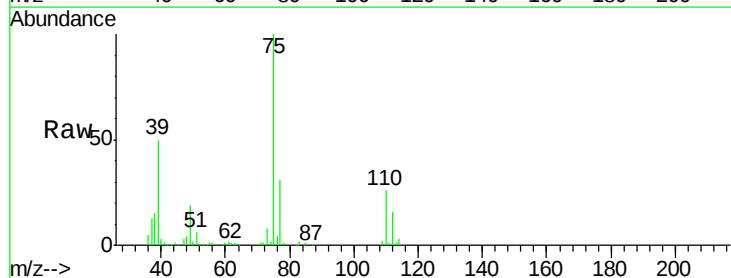
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

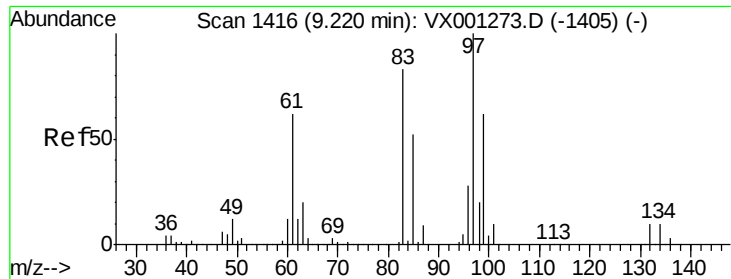
Tgt Ion: 75 Resp: 64294
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.56 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 75 Resp: 58508
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3
 39 49.6 41.9 62.9

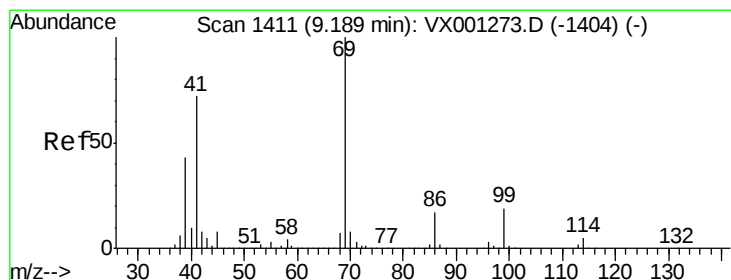
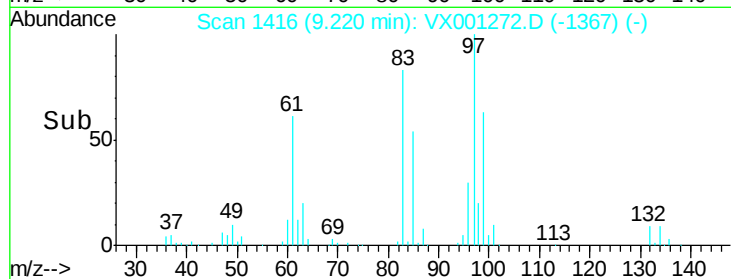
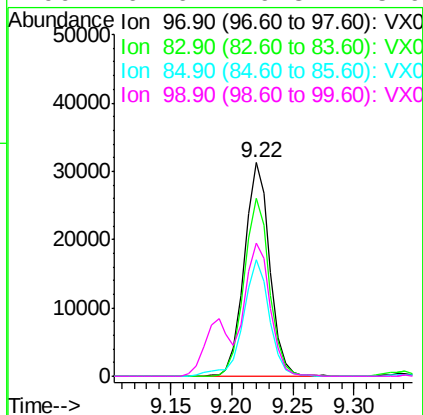
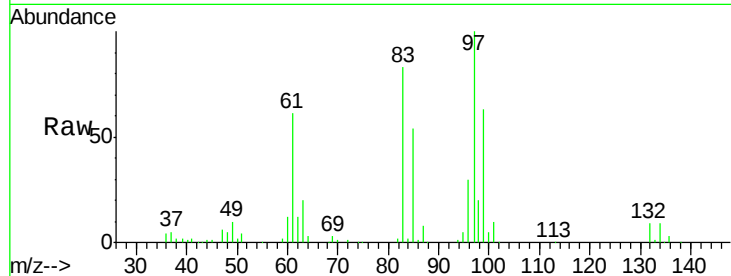




#55
 1,1,2-Trichloroethane
 Concen: 19.65 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

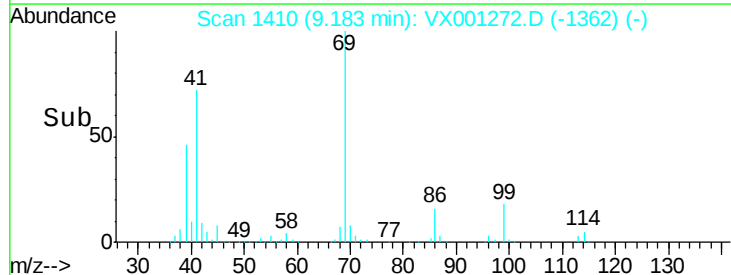
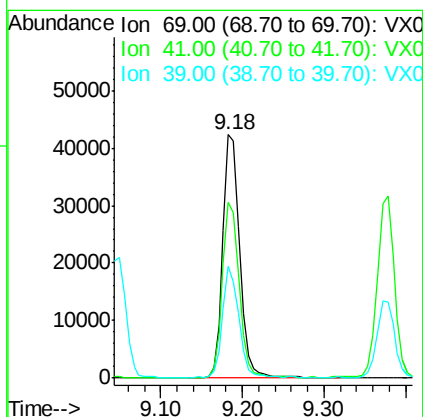
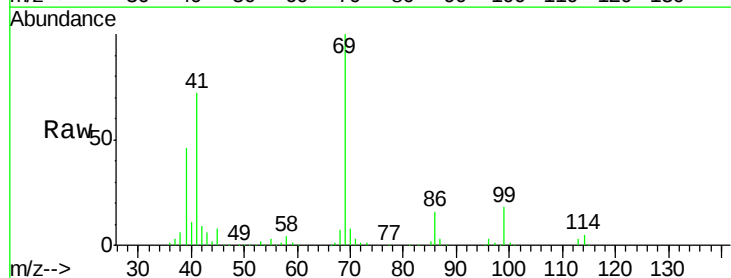
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

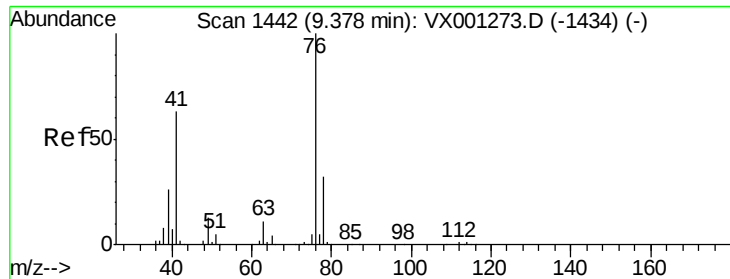
Tgt Ion:	97	Resp:	45105
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.4	99.6
85	54.4	41.6	62.4
99	62.6	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 18.34 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion:	69	Resp:	61708
Ion	Ratio	Lower	Upper
69	100		
41	72.3	57.2	85.8
39	43.2	34.3	51.5





#57

1,3-Dichloropropane

Concen: 19.51 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

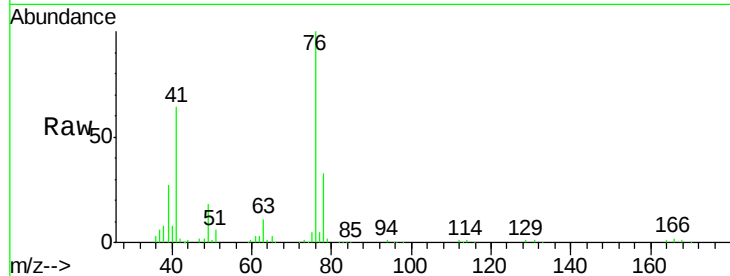
VSTDIC020

Tgt Ion: 76 Resp: 72305

Ion Ratio Lower Upper

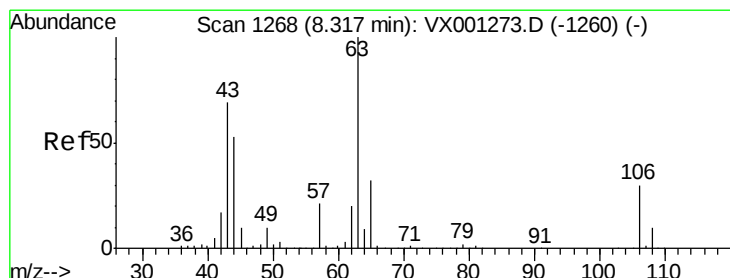
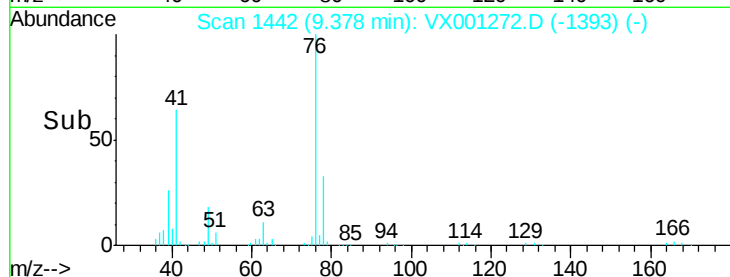
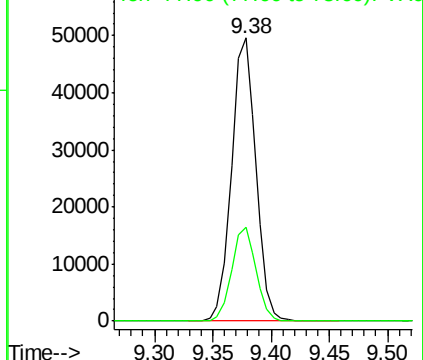
76 100

78 33.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.94 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001272.D

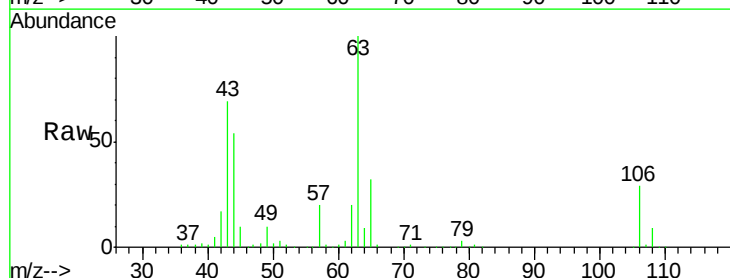
Acq: 01 May 2018 11:55

Tgt Ion: 63 Resp: 155262

Ion Ratio Lower Upper

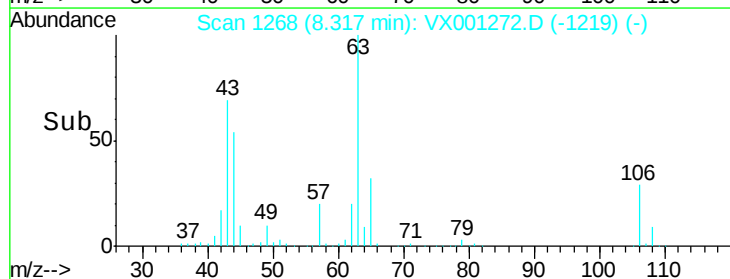
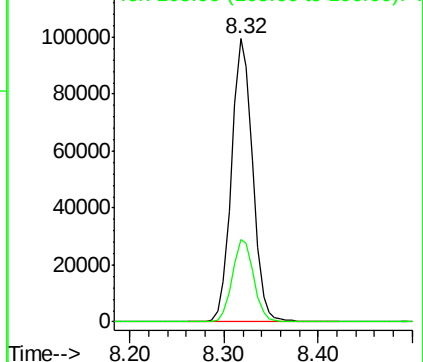
63 100

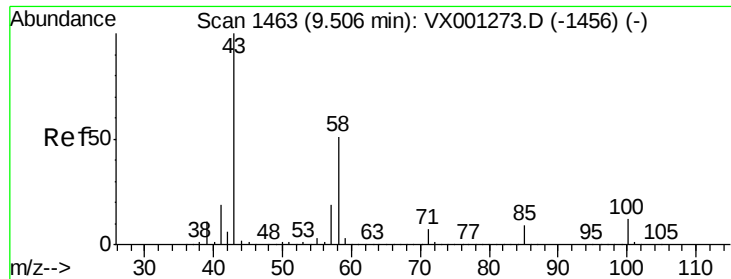
106 29.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

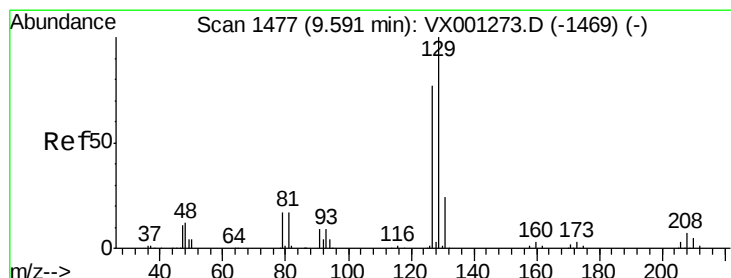
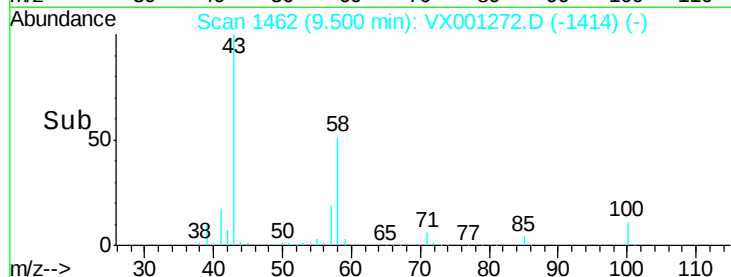
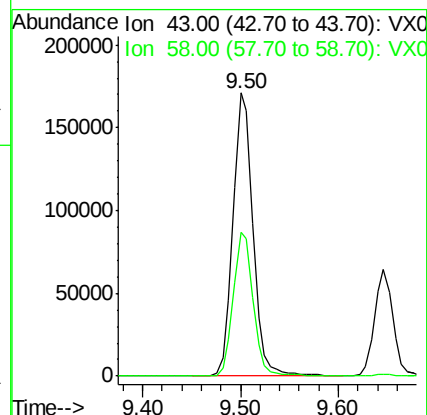
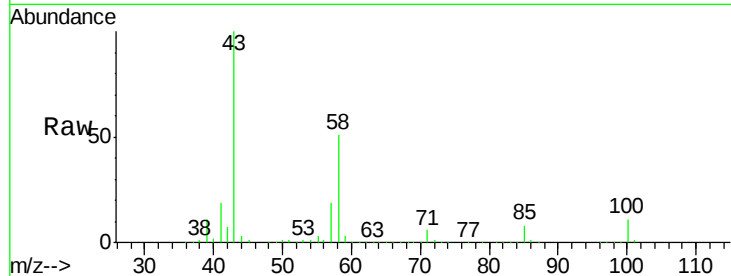




#59
2-Hexanone
Concen: 88.74 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

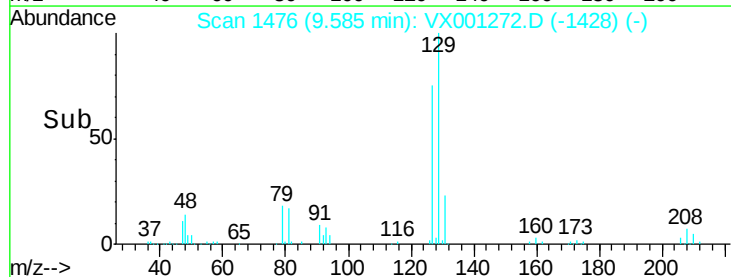
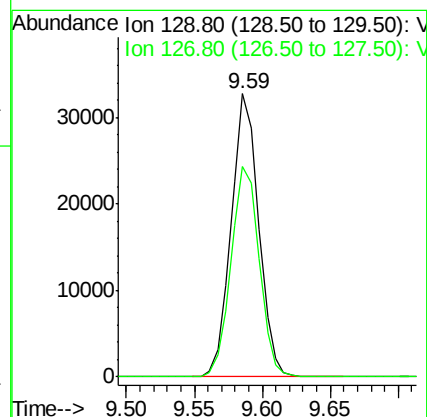
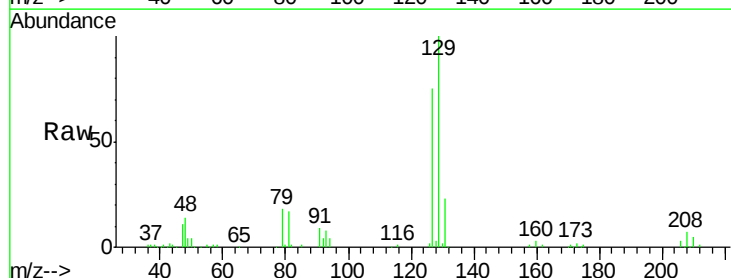
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

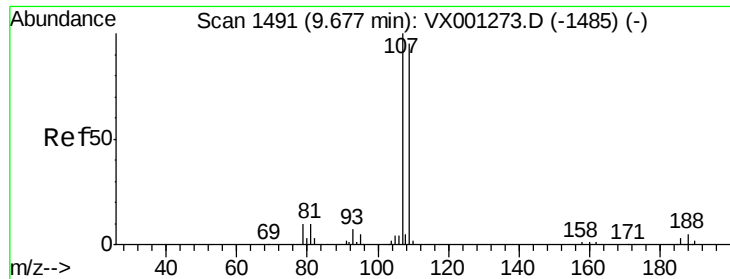
Tgt Ion: 43 Resp: 242997
Ion Ratio Lower Upper
43 100
58 50.9 25.7 77.0



#60
Dibromochloromethane
Concen: 19.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion: 129 Resp: 45853
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3

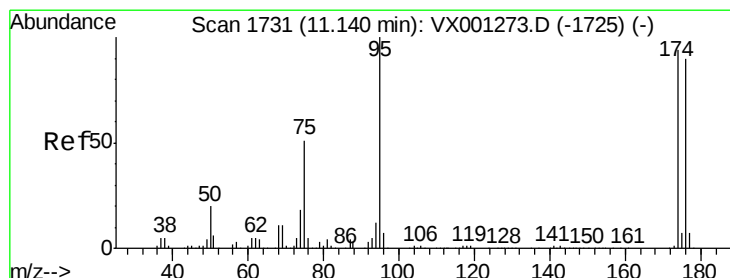
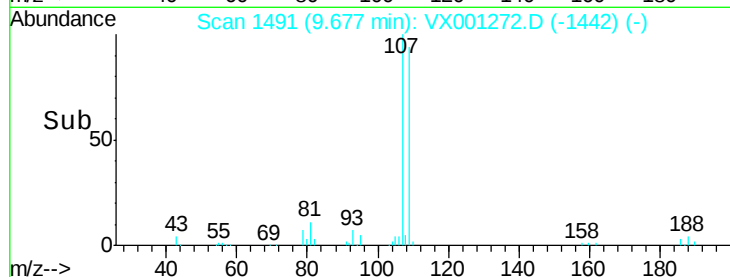
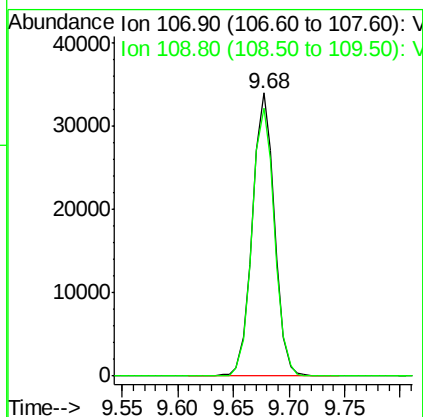
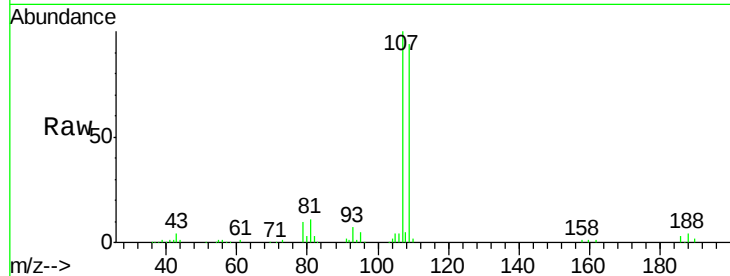




#61
 1,2-Dibromoethane
 Concen: 19.60 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

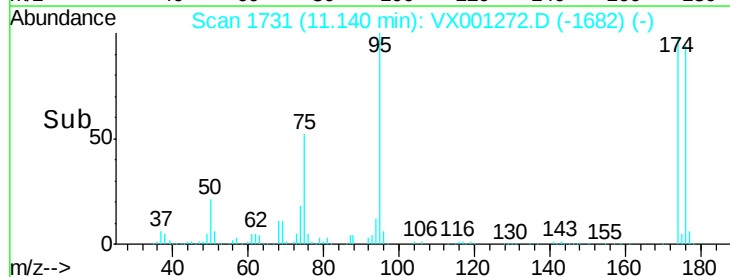
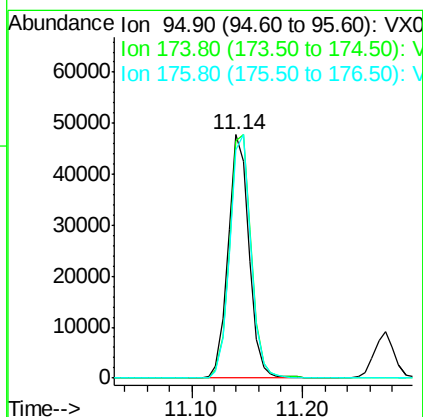
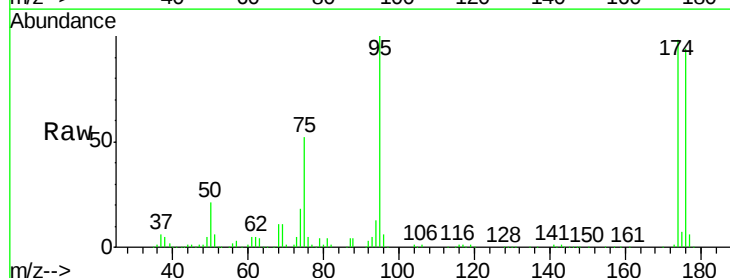
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

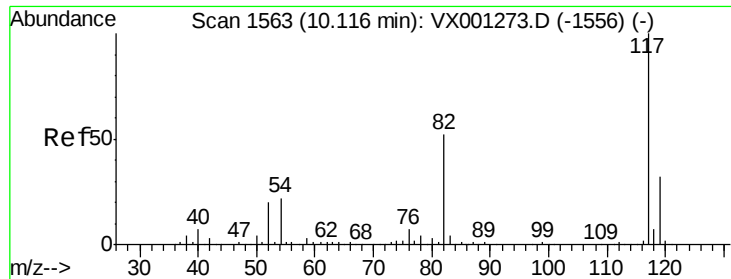
Tgt Ion: 107 Resp: 47036
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 19.43 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 95 Resp: 61881
 Ion Ratio Lower Upper
 95 100
 174 103.3 0.0 201.8
 176 100.8 0.0 197.2

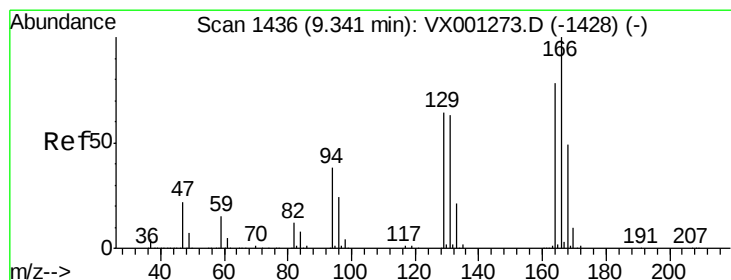
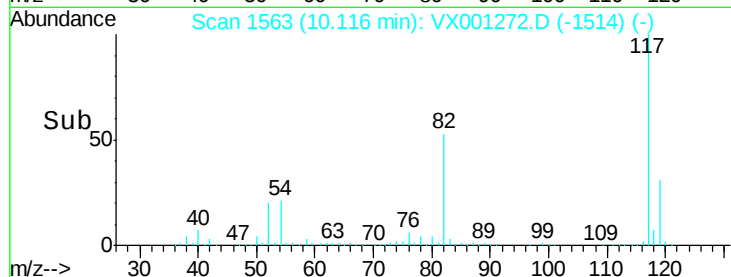
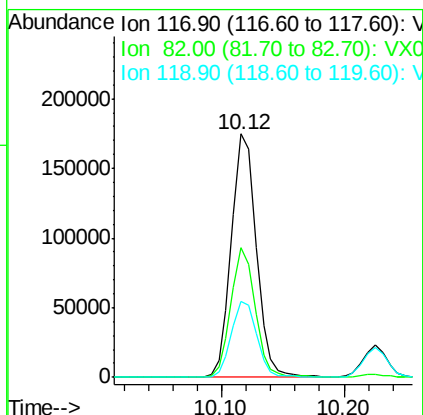
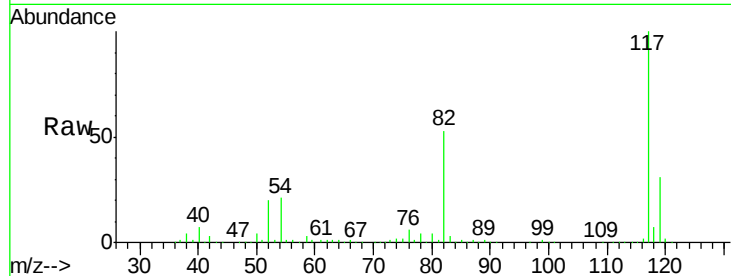




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

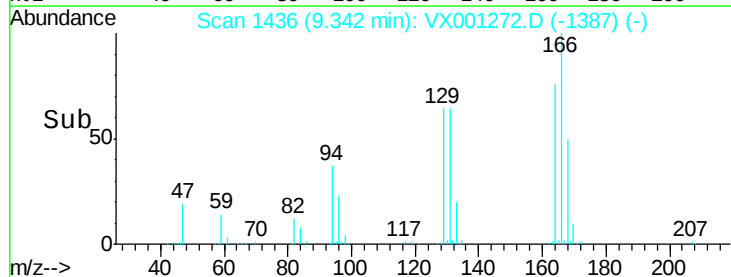
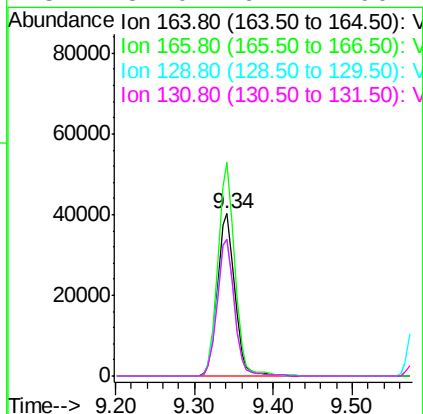
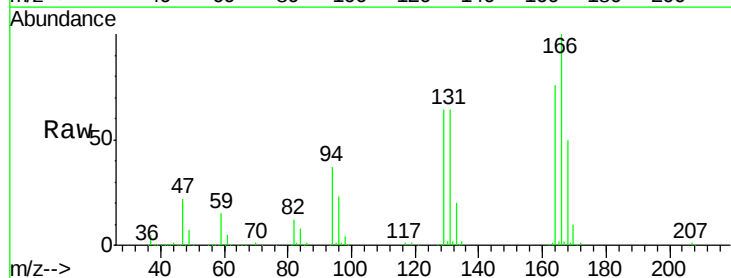
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

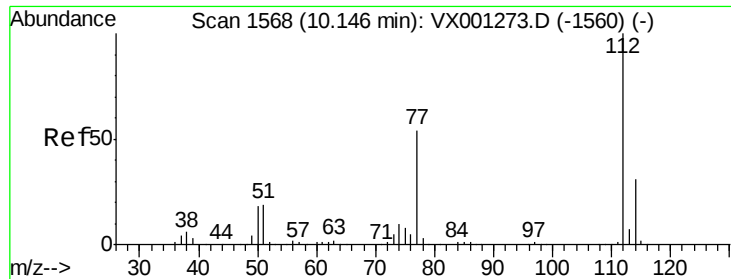
Tgt Ion:117 Resp: 248070
Ion Ratio Lower Upper
117 100
82 53.0 41.4 62.0
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 22.81 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion:164 Resp: 61799
Ion Ratio Lower Upper
164 100
166 131.5 102.3 153.5
129 83.7 65.1 97.7
131 84.0 64.2 96.4

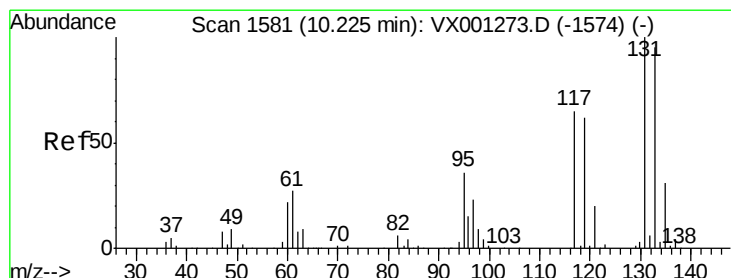
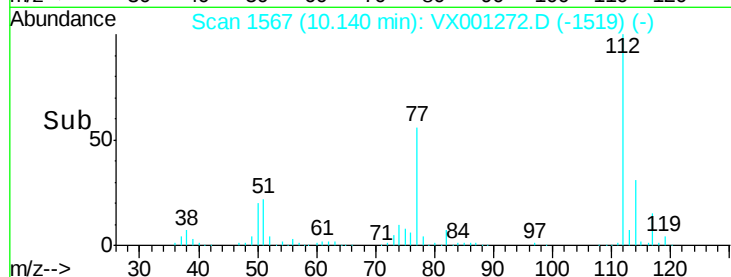
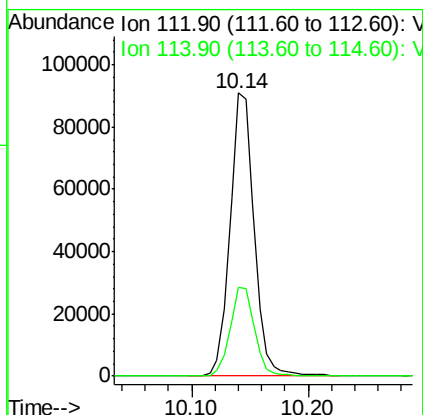
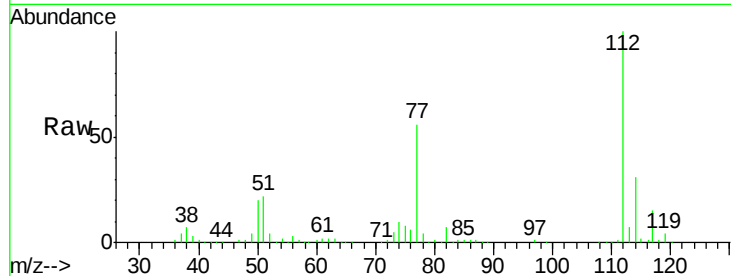




#65
Chlorobenzene
Concen: 20.09 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

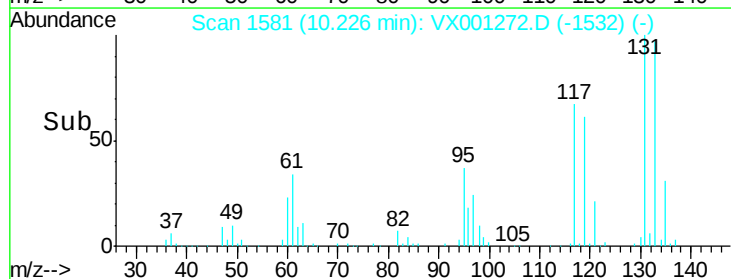
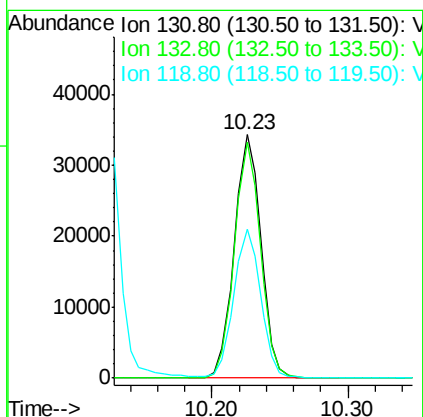
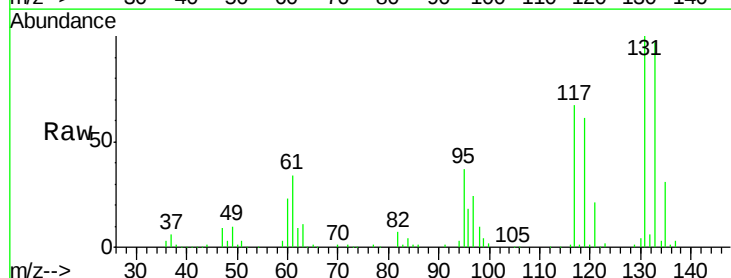
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

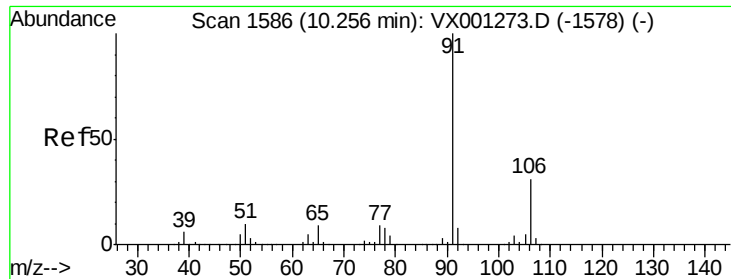
Tgt Ion:112 Resp: 131152
Ion Ratio Lower Upper
112 100
114 31.5 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.80 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion:131 Resp: 46976
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.9
119 61.9 31.2 93.6





#67

Ethyl Benzene

Concen: 20.57 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampled :

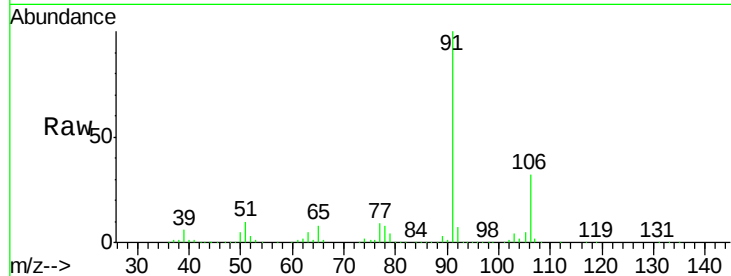
VSTDIC020

Tgt Ion: 91 Resp: 219352

Ion Ratio Lower Upper

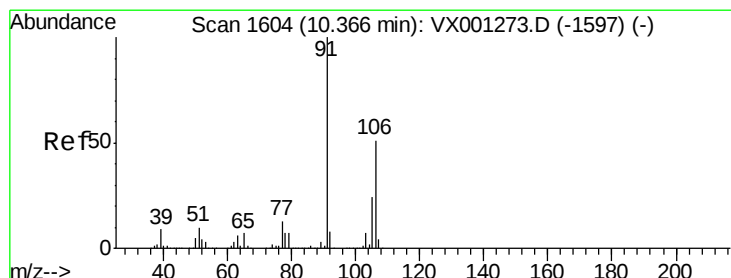
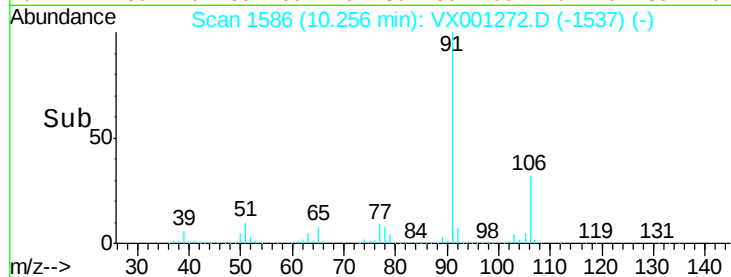
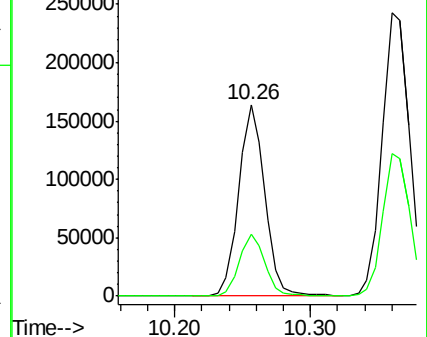
91 100

106 32.3 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX001272.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX001272.D (-1578) (-)



#68

m/p-Xylenes

Concen: 41.36 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX001272.D

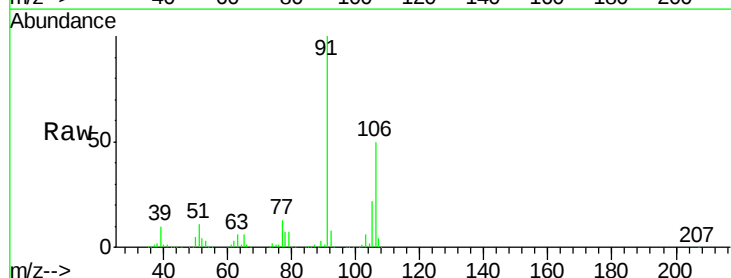
Acq: 01 May 2018 11:55

Tgt Ion: 106 Resp: 174446

Ion Ratio Lower Upper

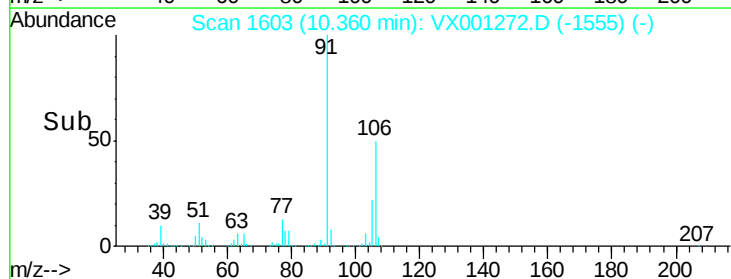
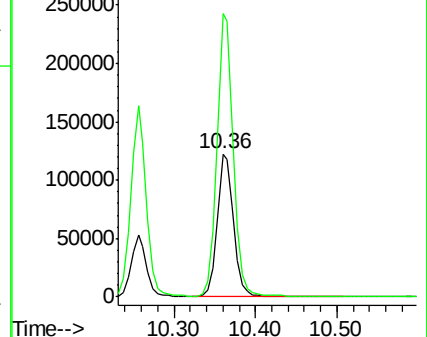
106 100

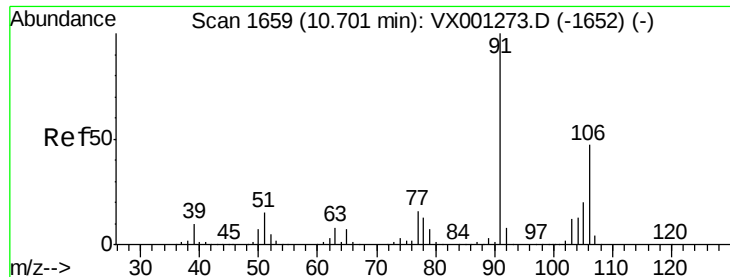
91 199.6 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VX001272.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX001272.D (-1597) (-)

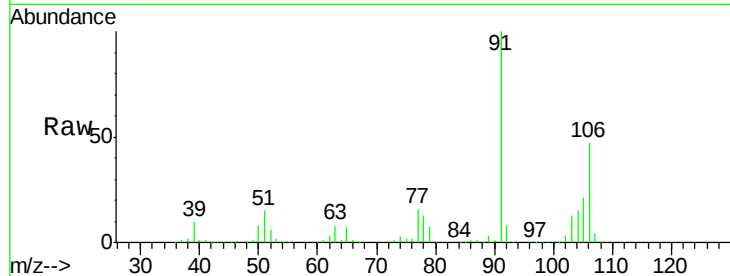




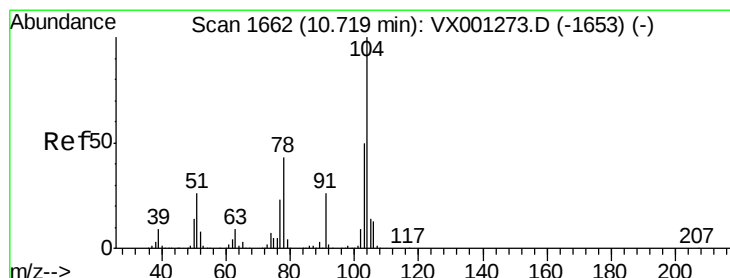
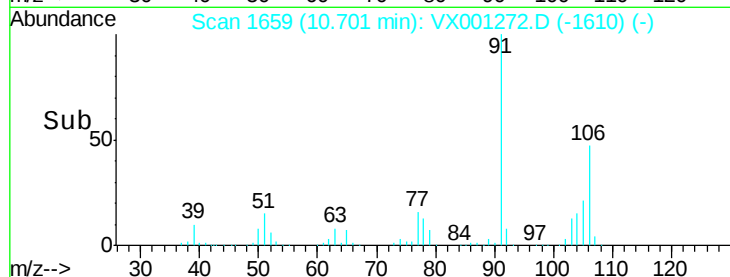
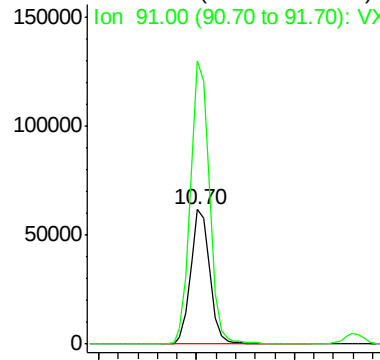
#69
o-Xylene
Concen: 20.55 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 83717
Ion Ratio Lower Upper
106 100
91 210.0 106.3 319.0

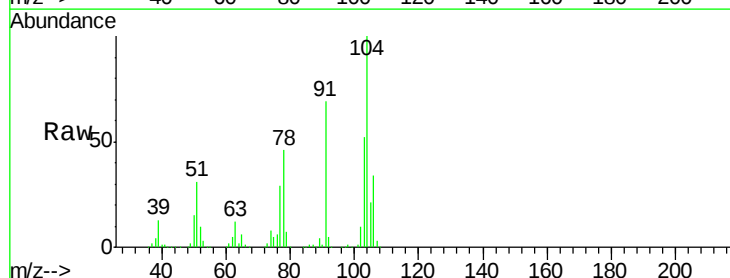


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

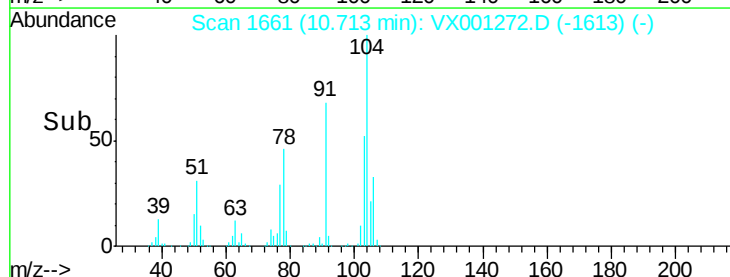
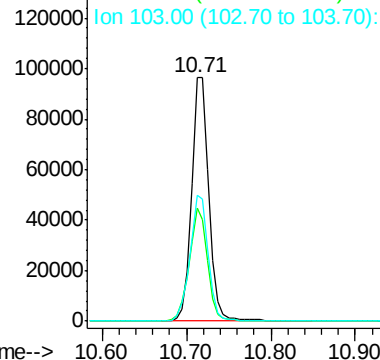


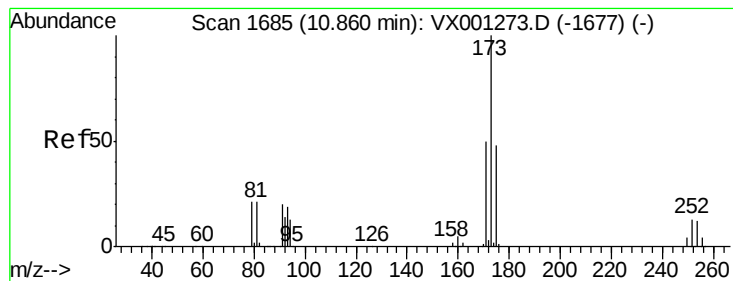
#70
Styrene
Concen: 20.19 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001272.D
Acq: 01 May 2018 11:55

Tgt Ion:104 Resp: 136637
Ion Ratio Lower Upper
104 100
78 49.5 40.1 60.1
103 55.1 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

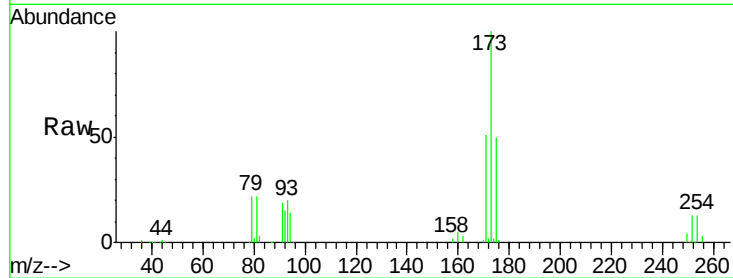
Tgt Ion:173 Resp: 36006

Ion Ratio Lower Upper

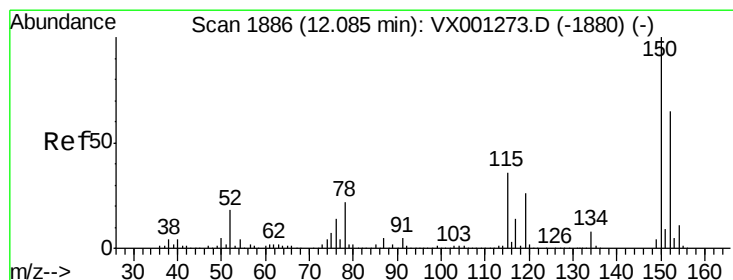
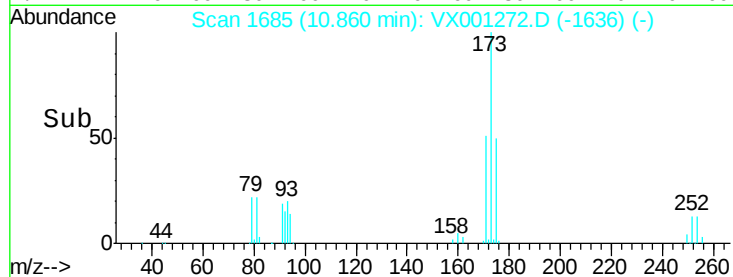
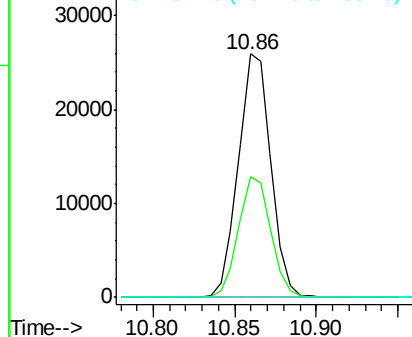
173 100

175 49.5 24.6 74.0

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

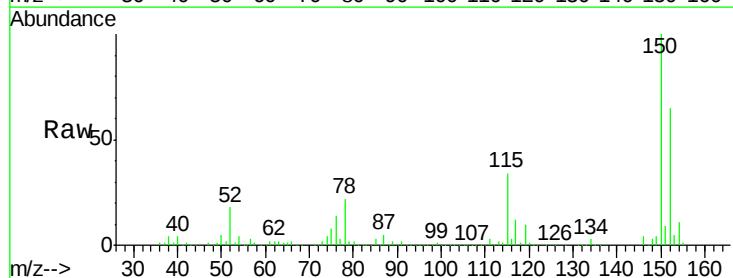
Tgt Ion:152 Resp: 169191

Ion Ratio Lower Upper

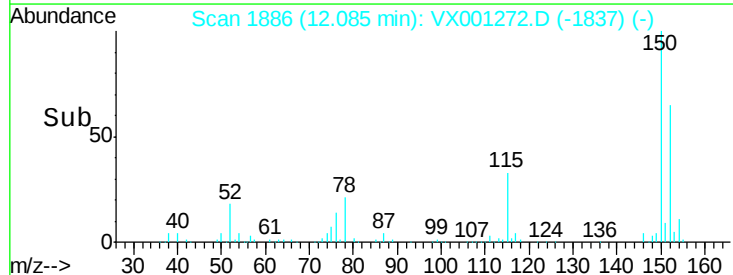
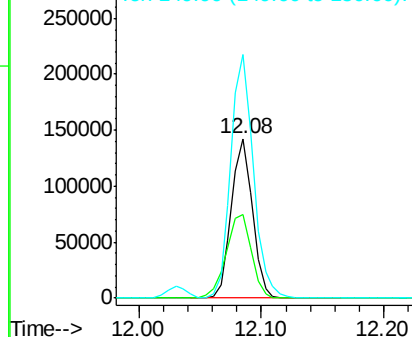
152 100

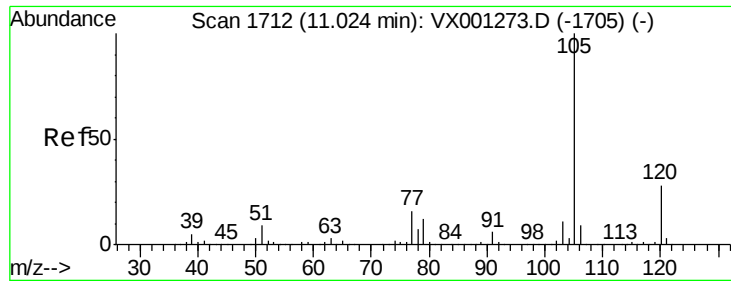
115 63.1 38.6 115.7

150 163.1 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.45 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

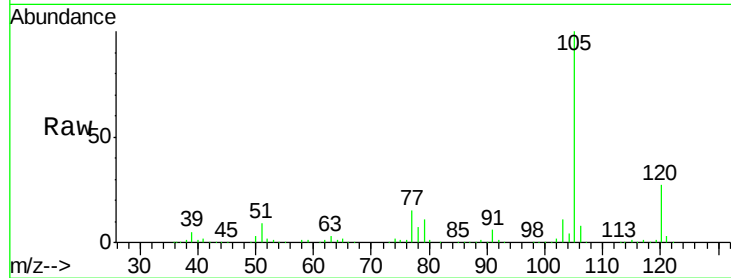
VSTDIC020

Tgt Ion: 105 Resp: 226750

Ion Ratio Lower Upper

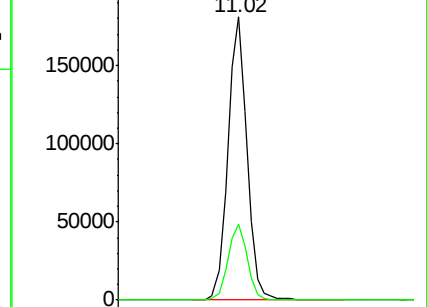
105 100

120 27.3 13.7 41.1

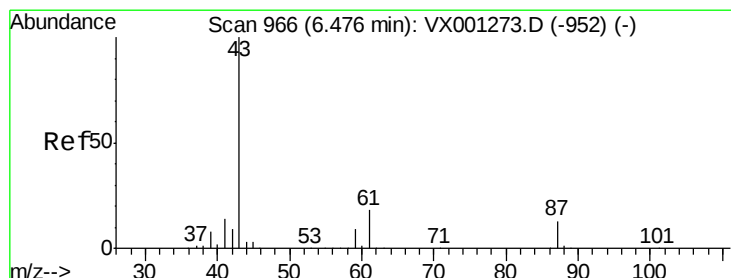
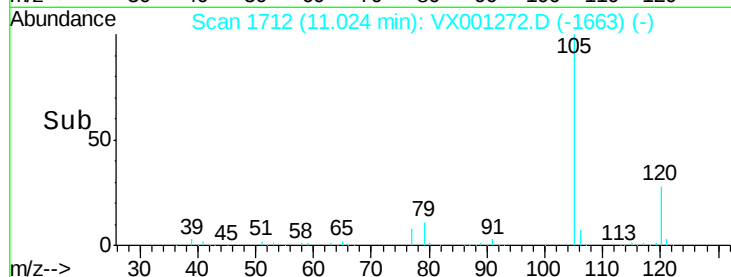


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 17.30 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Tgt Ion: 43 Resp: 94349

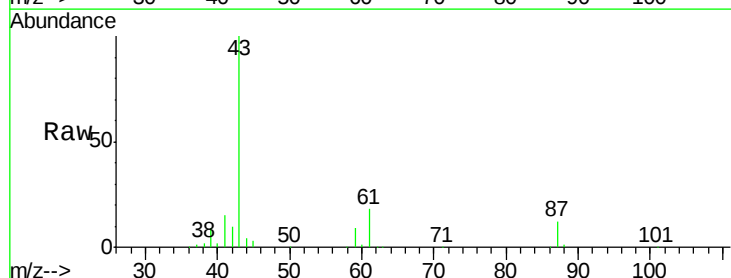
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.2 15.0 22.4

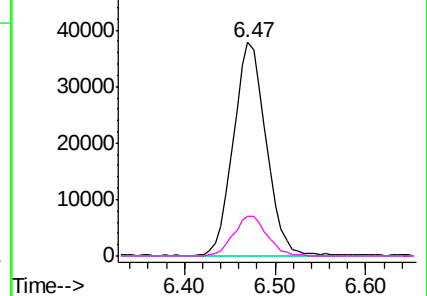


Abundance Ion 43.00 (42.70 to 43.70): VX0

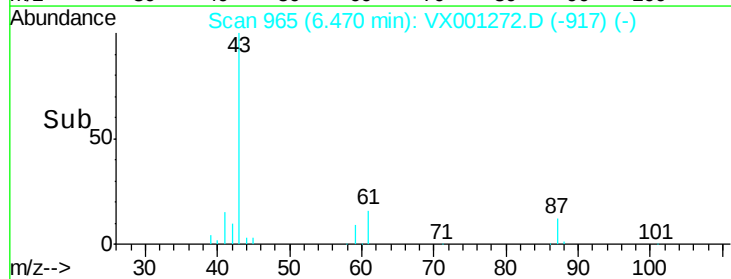
Ion 70.00 (69.70 to 70.70): VX0

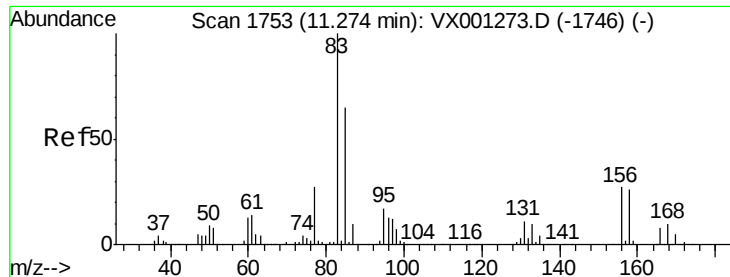
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

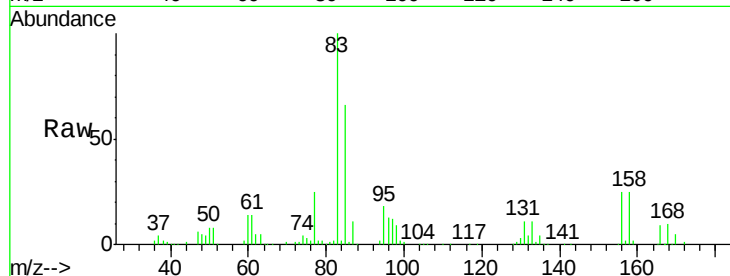
Tgt Ion: 83 Resp: 65319

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.3

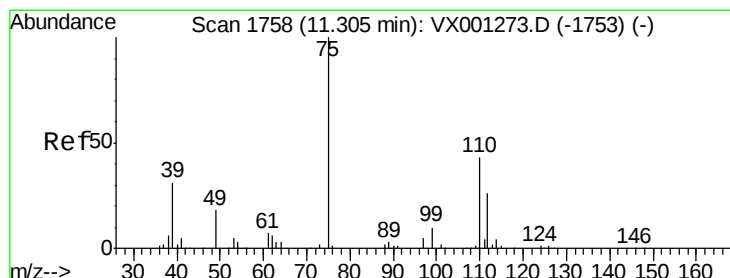
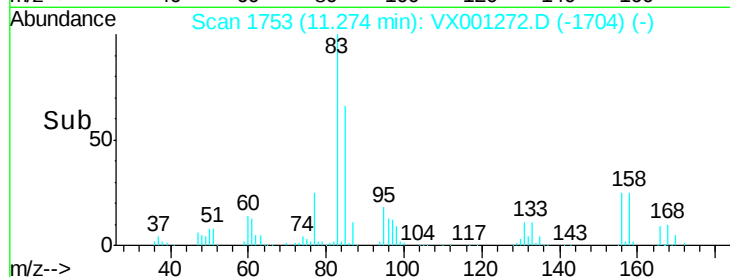
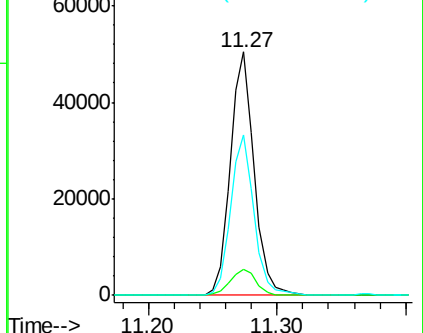
85 64.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.81 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001272.D

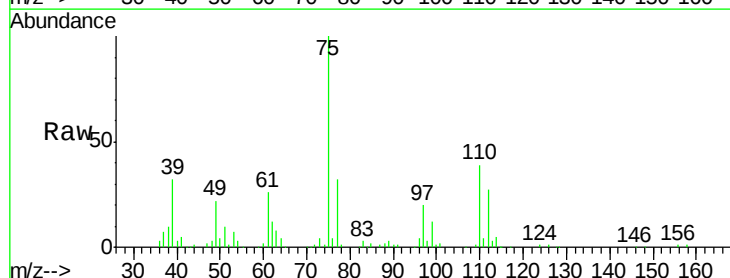
Acq: 01 May 2018 11:55

Tgt Ion: 75 Resp: 70597

Ion Ratio Lower Upper

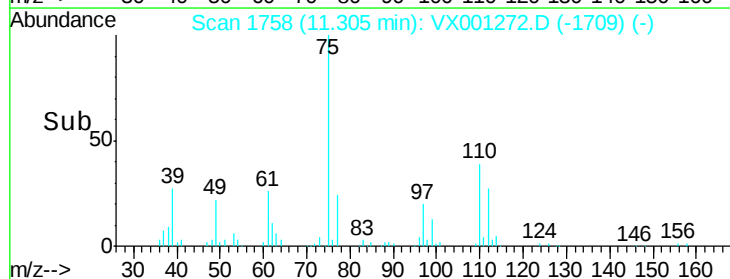
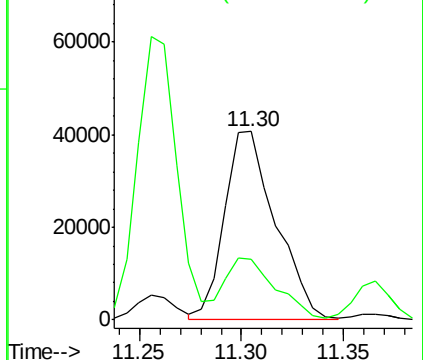
75 100

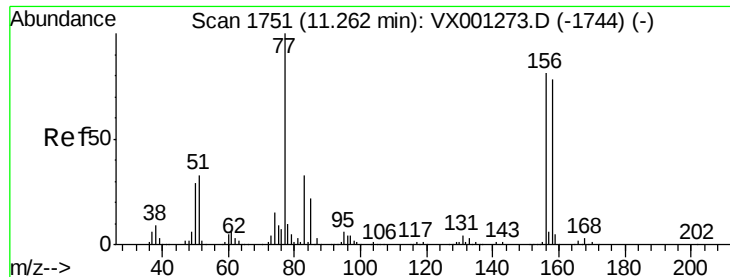
77 31.9 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.05 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

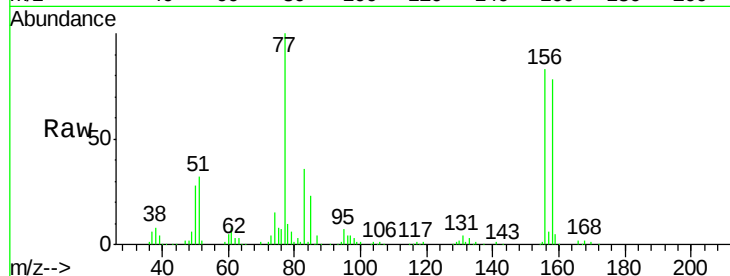
Tgt Ion:156 Resp: 65699

Ion Ratio Lower Upper

156 100

77 125.3 65.3 195.8

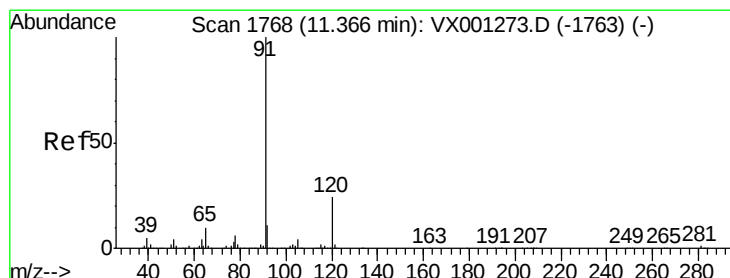
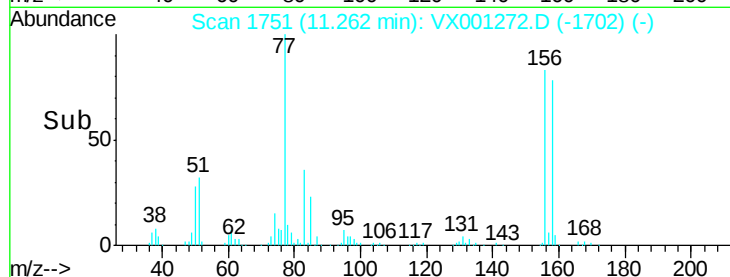
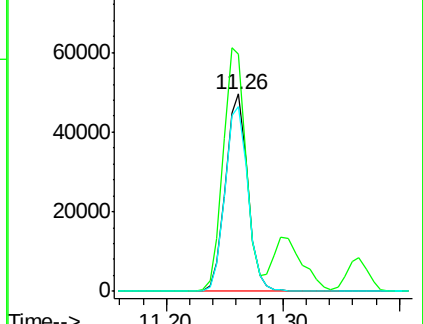
158 96.7 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.95 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001272.D

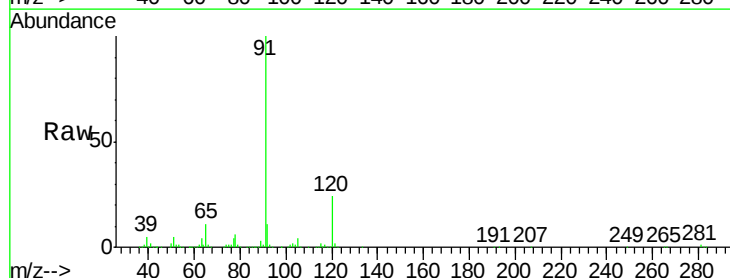
Acq: 01 May 2018 11:55

Tgt Ion: 91 Resp: 258763

Ion Ratio Lower Upper

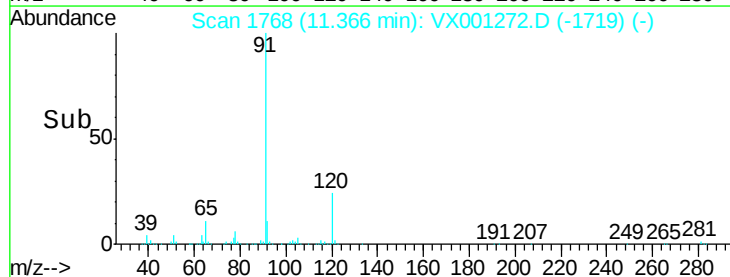
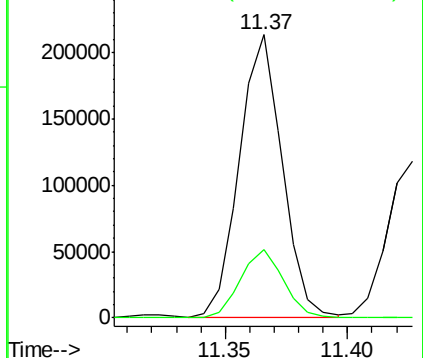
91 100

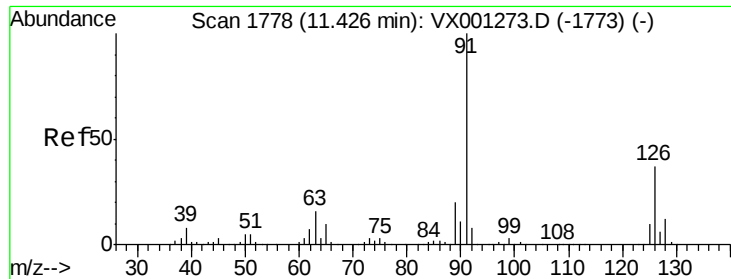
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.92 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

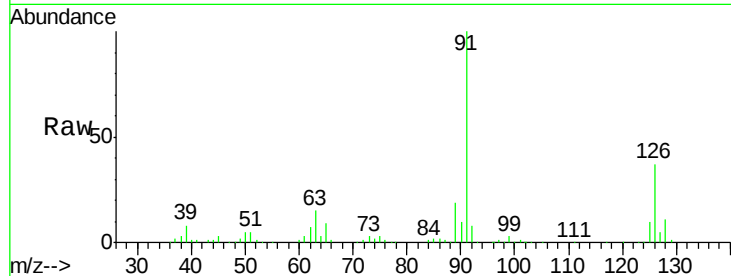
VSTDIC020

Tgt Ion: 91 Resp: 152121

Ion Ratio Lower Upper

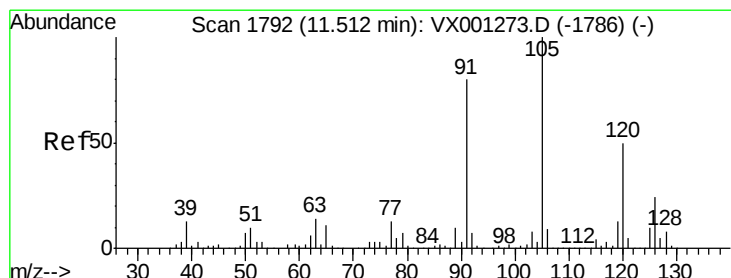
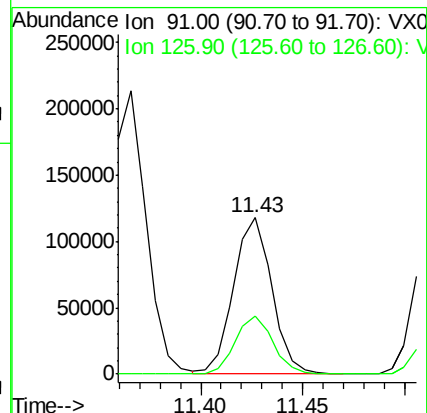
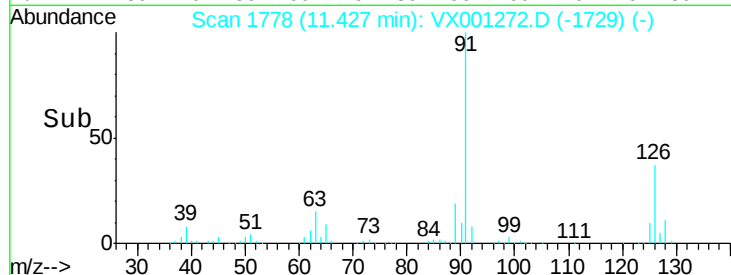
91 100

126 37.3 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.55 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001272.D

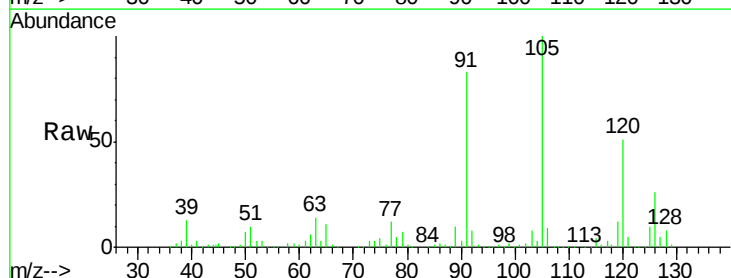
Acq: 01 May 2018 11:55

Tgt Ion: 105 Resp: 193141

Ion Ratio Lower Upper

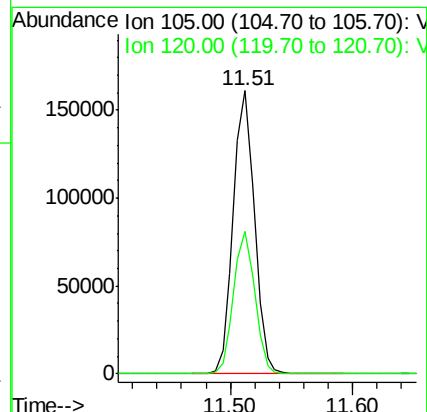
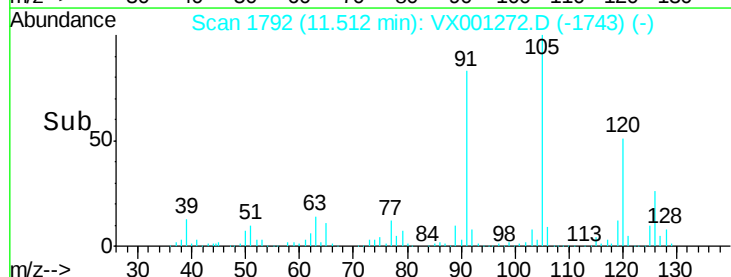
105 100

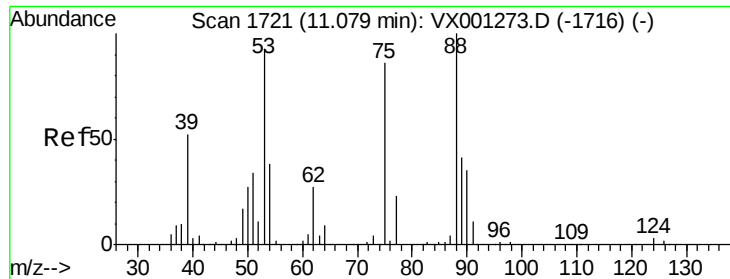
120 50.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.34 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

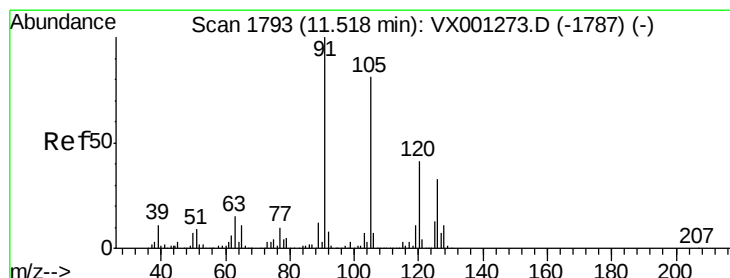
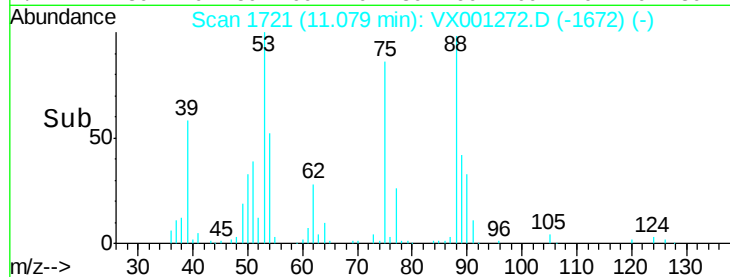
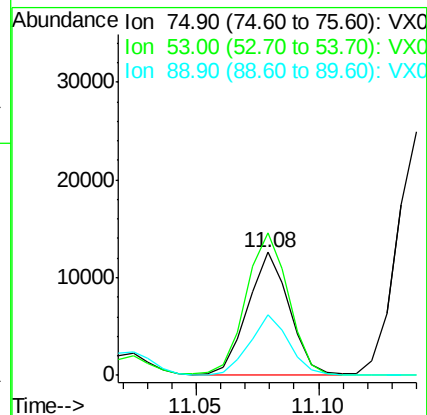
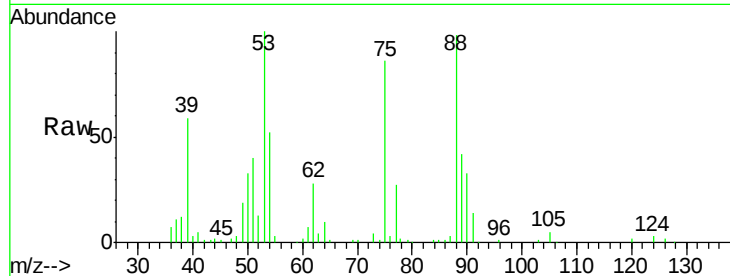
Tgt Ion: 75 Resp: 14813

Ion Ratio Lower Upper

75 100

53 118.7 87.1 130.7

89 47.3 38.9 58.3



#82

4-Chlorotoluene

Concen: 19.90 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001272.D

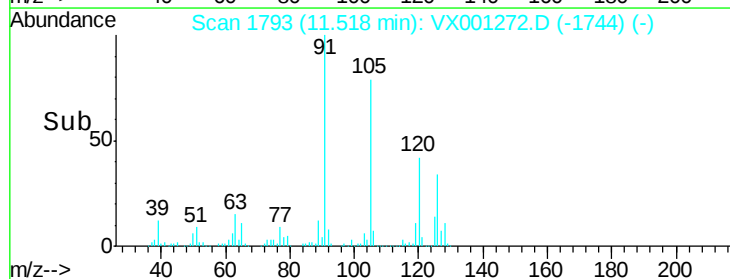
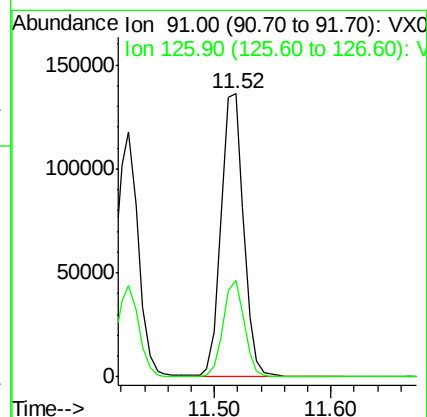
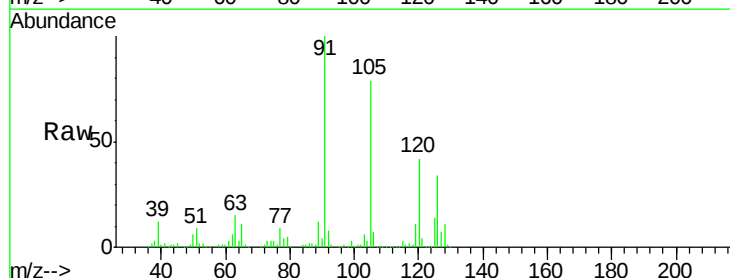
Acq: 01 May 2018 11:55

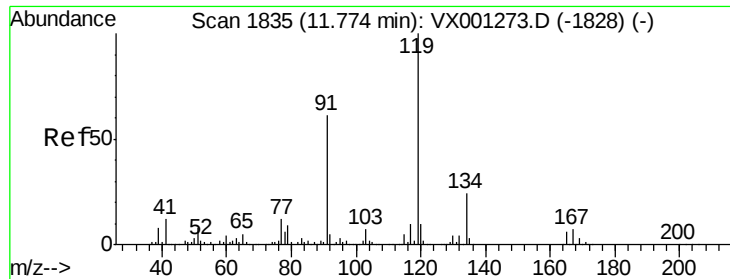
Tgt Ion: 91 Resp: 180947

Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.2

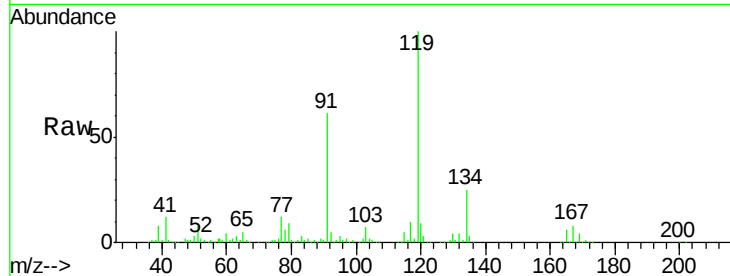




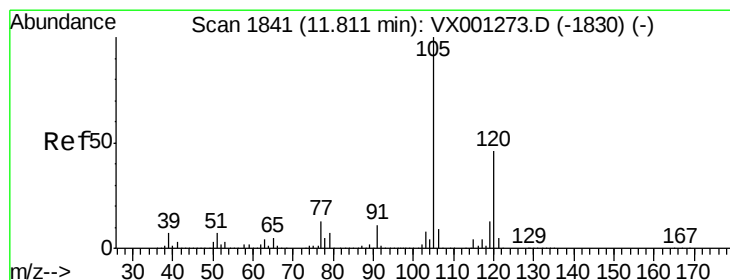
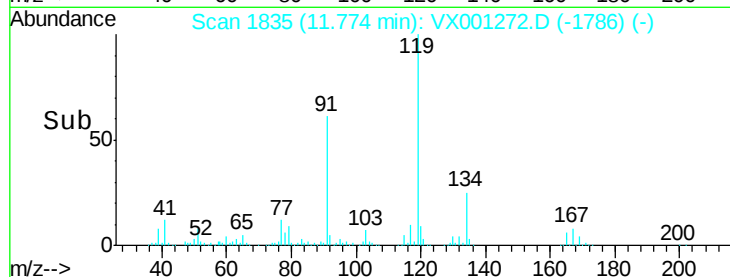
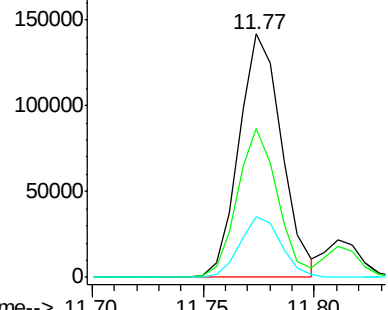
#83
 tert-Butylbenzene
 Concen: 20.16 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 188702
 Ion Ratio Lower Upper
 119 100
 91 57.7 28.1 84.3
 134 24.2 11.8 35.3

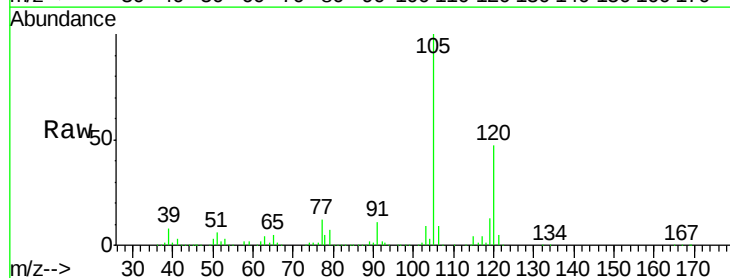


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

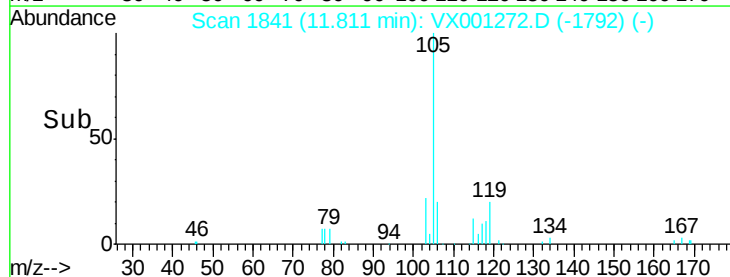
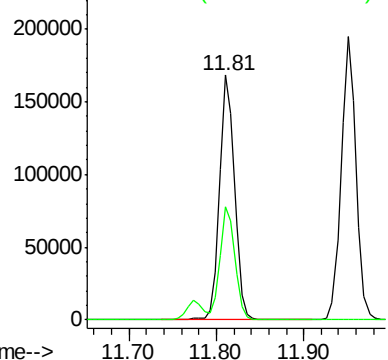


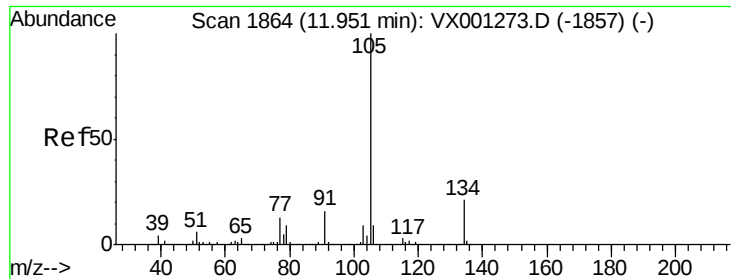
#84
 1,2,4-Trimethylbenzene
 Concen: 20.71 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion:105 Resp: 199569
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.13 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

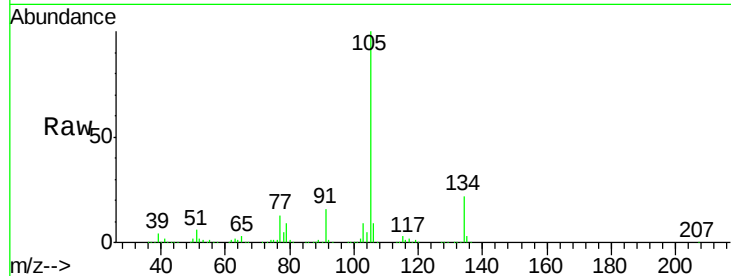
VSTDIC020

Tgt Ion:105 Resp: 232635

Ion Ratio Lower Upper

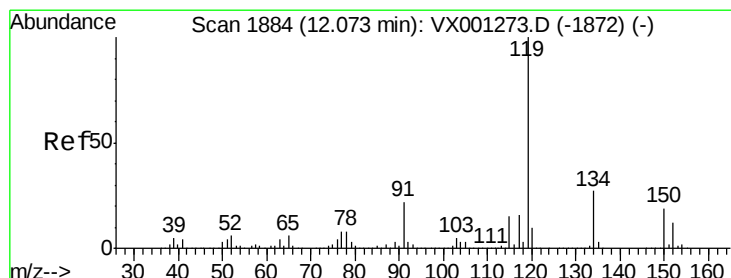
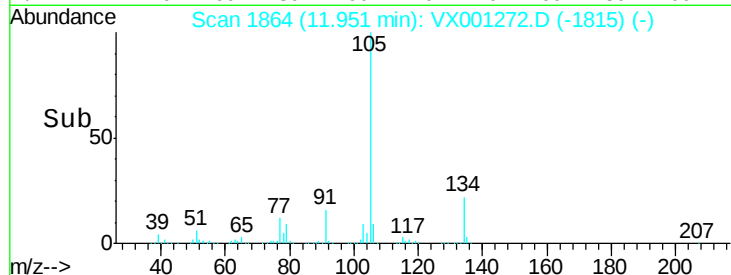
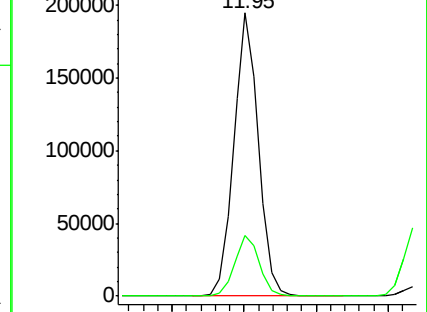
105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.20 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

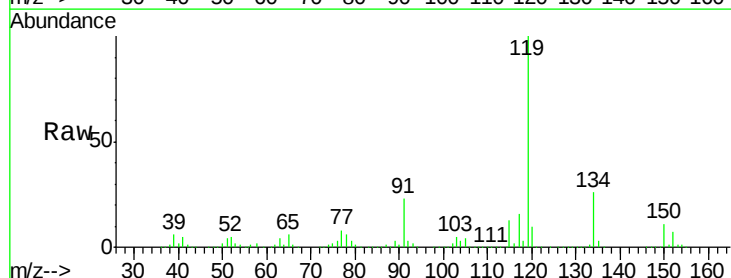
Tgt Ion:119 Resp: 216540

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

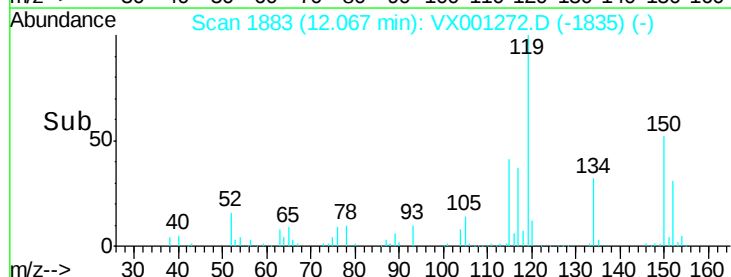
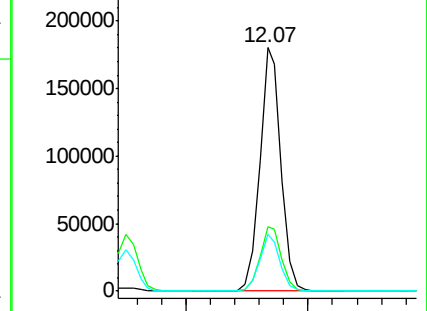
91 22.9 11.7 35.1

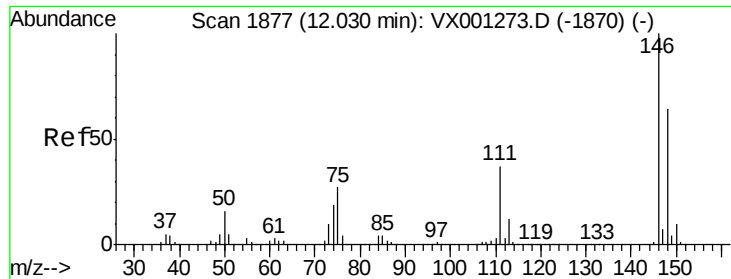


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.25 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

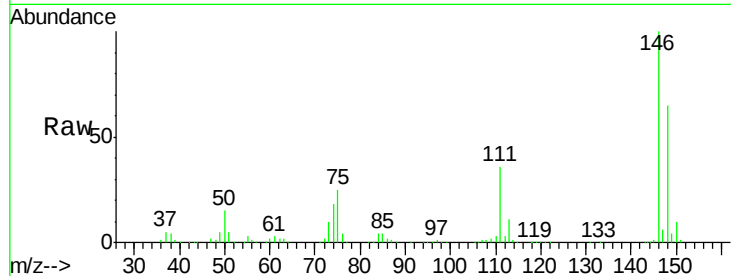
Tgt Ion:146 Resp: 119222

Ion Ratio Lower Upper

146 100

111 36.2 18.4 55.2

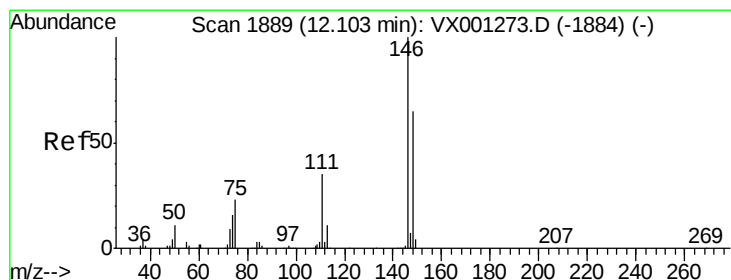
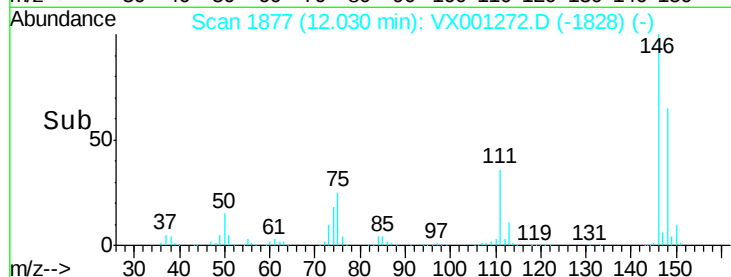
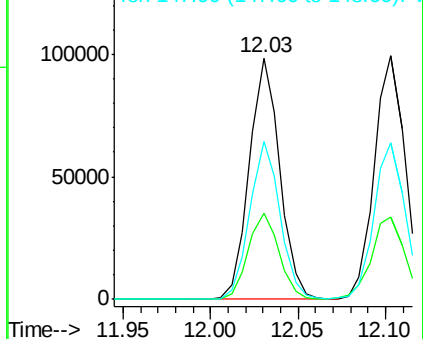
148 65.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.84 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

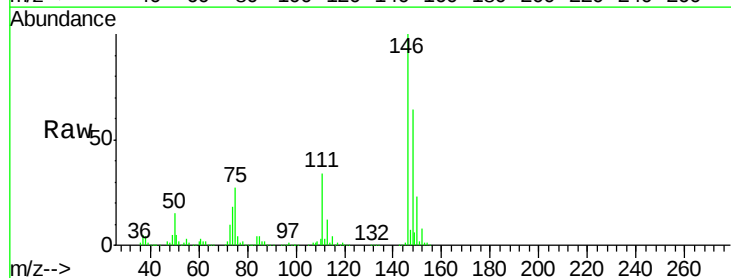
Tgt Ion:146 Resp: 121823

Ion Ratio Lower Upper

146 100

111 36.5 17.9 53.7

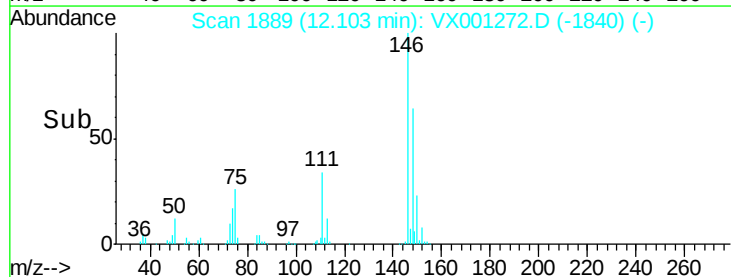
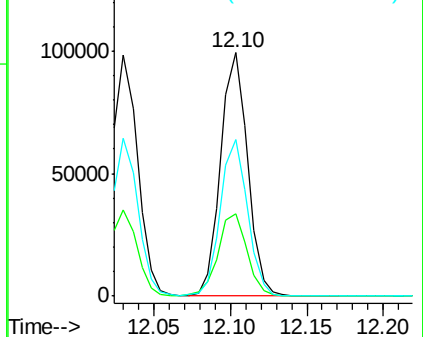
148 64.9 32.3 96.8

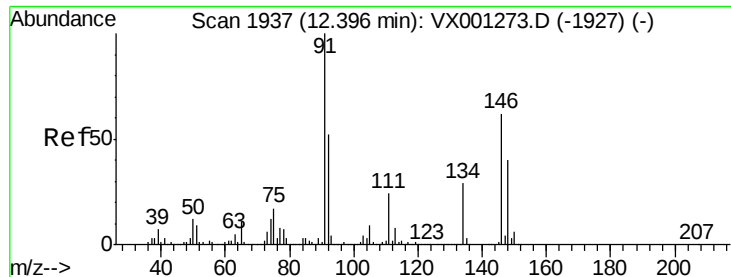


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.17 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

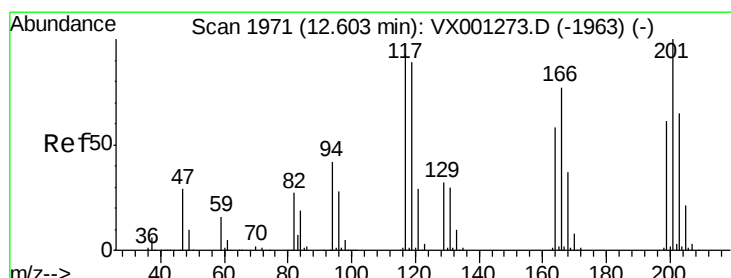
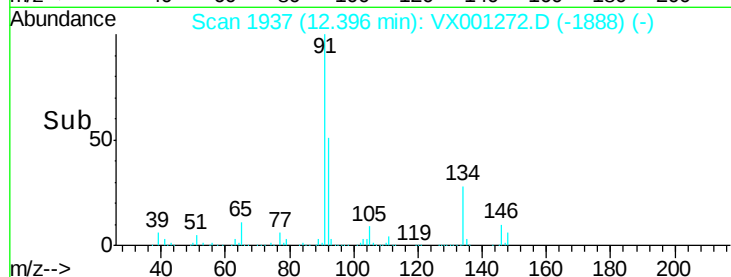
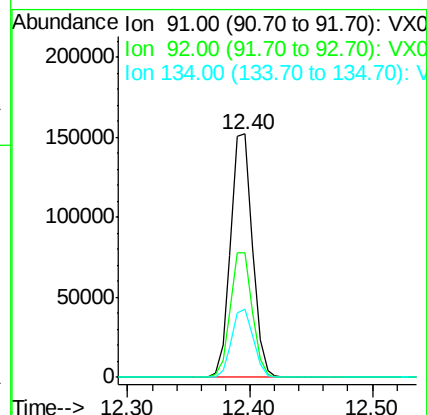
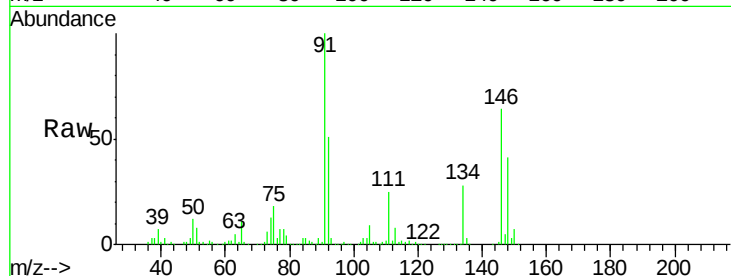
Tgt Ion: 91 Resp: 187478

Ion Ratio Lower Upper

91 100

92 51.2 26.2 78.5

134 27.7 14.0 42.0



#90

Hexachloroethane

Concen: 20.82 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001272.D

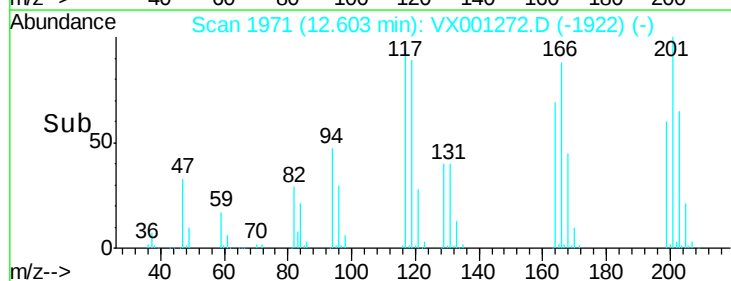
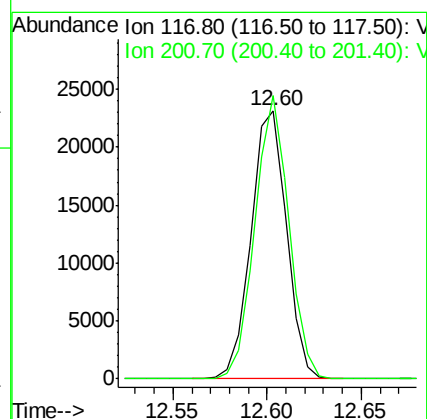
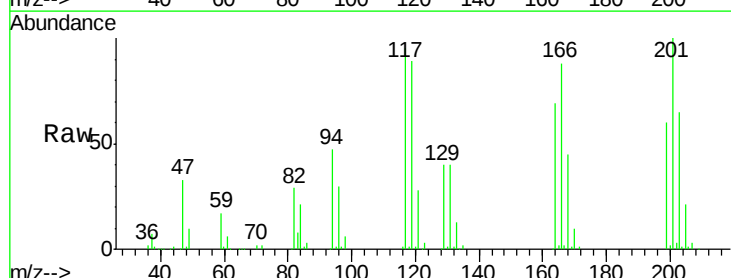
Acq: 01 May 2018 11:55

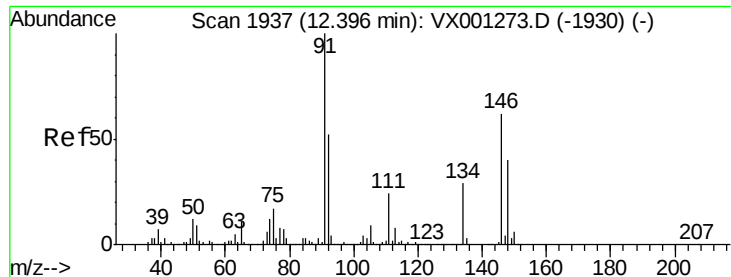
Tgt Ion: 117 Resp: 30203

Ion Ratio Lower Upper

117 100

201 100.7 51.6 154.8

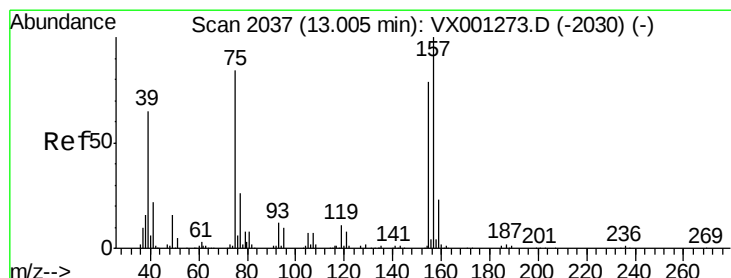
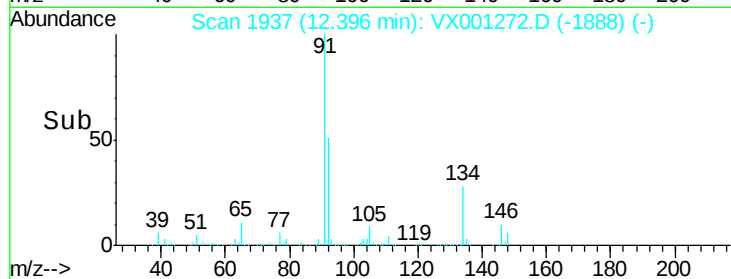
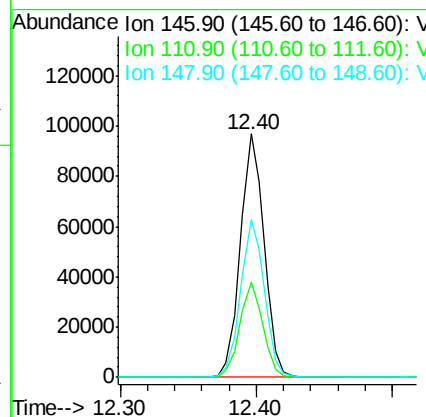
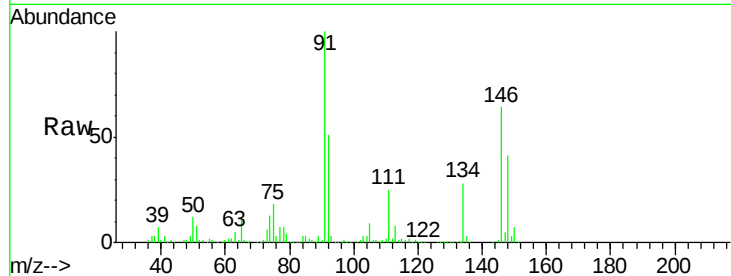




#91
 1,2-Dichlorobenzene
 Concen: 19.76 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

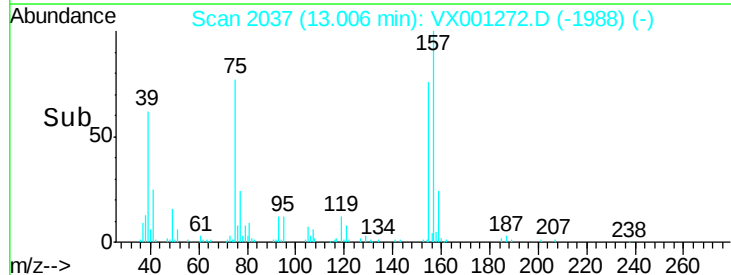
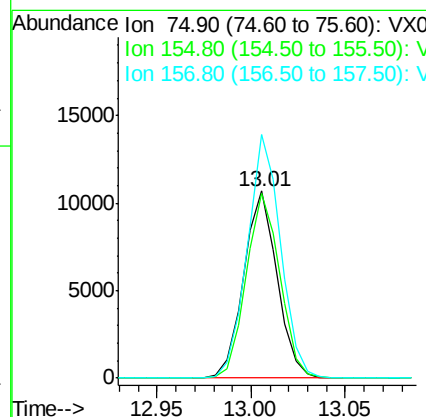
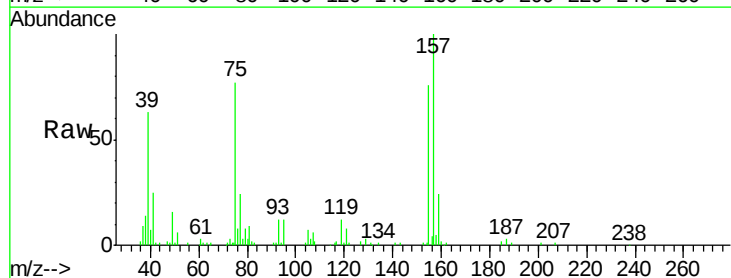
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

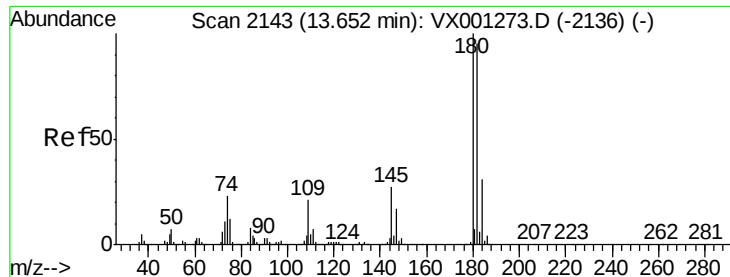
Tgt Ion:146 Resp: 117534
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.5
 148 64.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion: 75 Resp: 13102
 Ion Ratio Lower Upper
 75 100
 155 99.7 49.9 149.7
 157 129.9 63.7 191.1

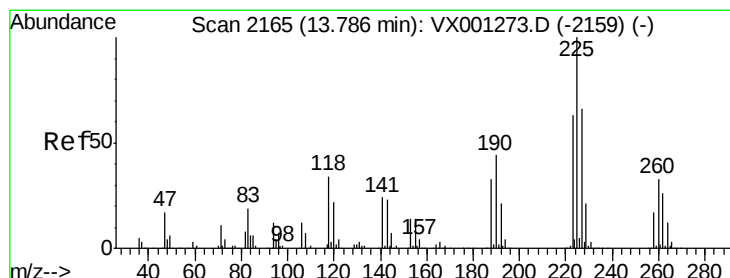
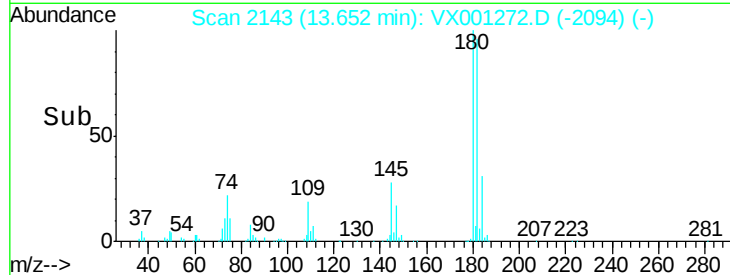
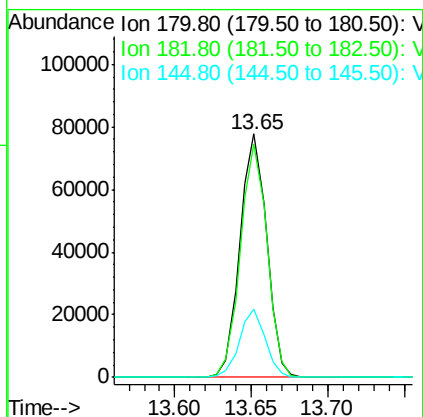
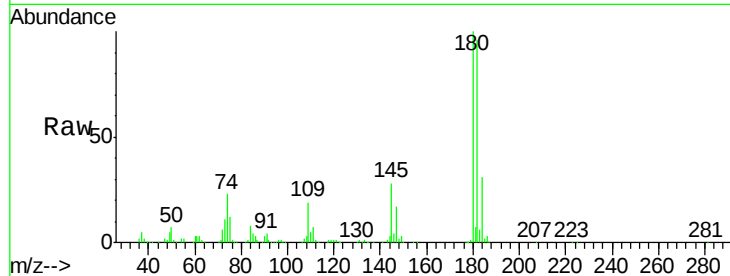




#93
 1,2,4-Trichlorobenzene
 Concen: 20.14 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

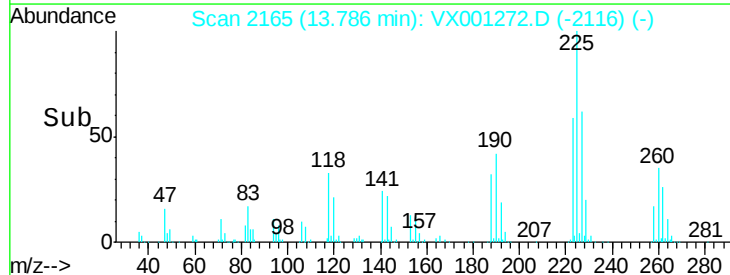
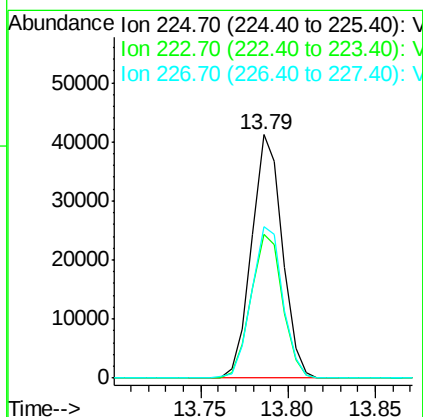
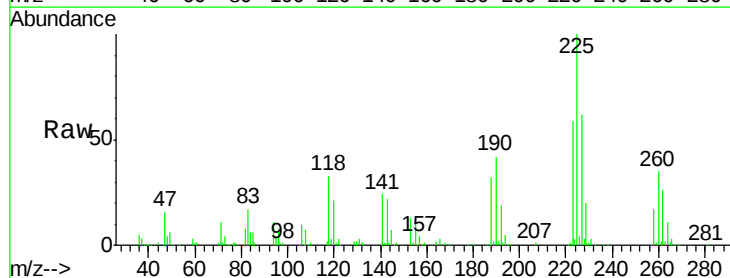
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

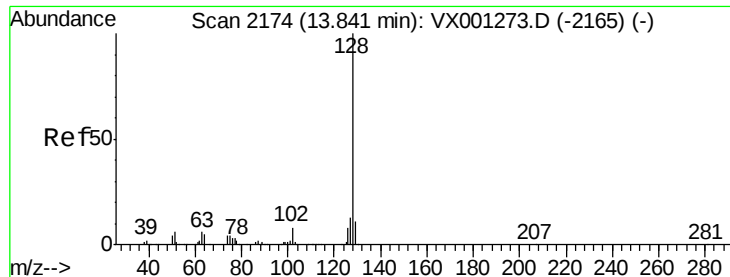
Tgt Ion:180 Resp: 94173
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.9
 145 27.3 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 22.40 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001272.D
 Acq: 01 May 2018 11:55

Tgt Ion:225 Resp: 50162
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.4 94.0
 227 63.3 32.5 97.5





#95

Naphthalene

Concen: 18.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

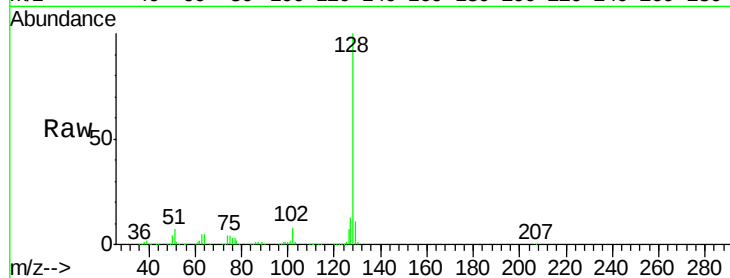
Tgt Ion:128 Resp: 243331

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

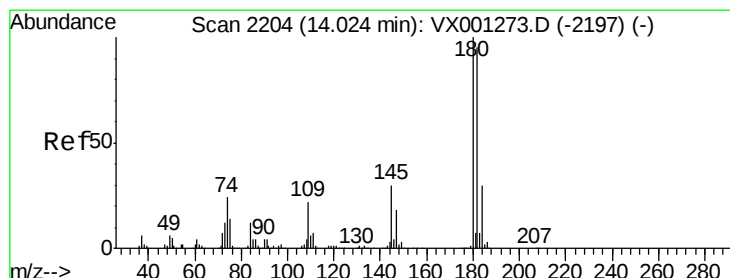
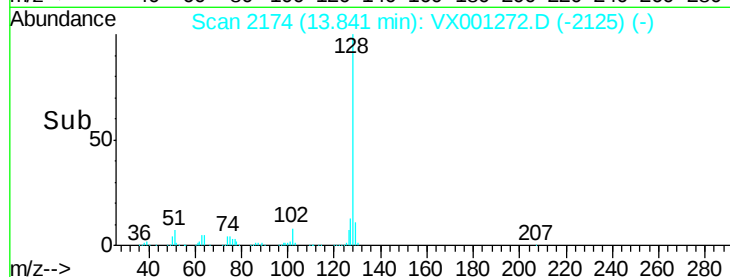
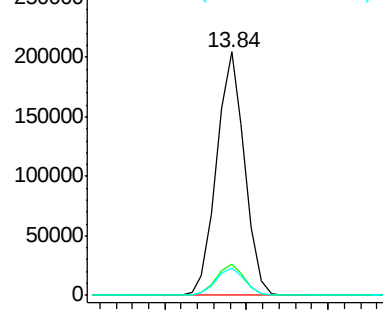
129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.29 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001272.D

Acq: 01 May 2018 11:55

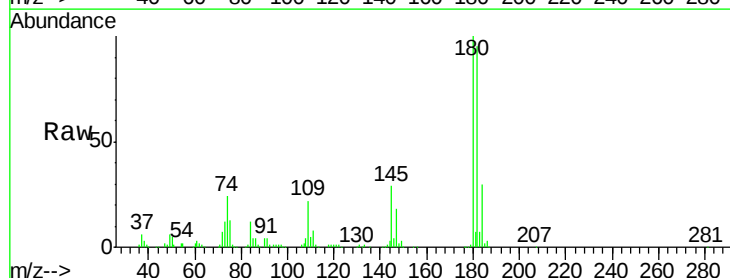
Tgt Ion:180 Resp: 94231

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.3

145 28.5 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

