

Data File : VX001270.D

Acq On : 01 May 2018 11:02

Operator : JC/MD

Sample : VSTDIC001

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: May 02 01:18:11 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	200212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	238114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	3427	1.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.24%	
35) Dibromofluoromethane	5.51	113	2594	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	
50) Toluene-d8	8.72	98	7757	0.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.90%	
62) 4-Bromofluorobenzene	11.14	95	3238	1.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2070	0.96	ug/l	96
3) Chloromethane	1.32	50	2519	1.14	ug/l	99
4) Vinyl Chloride	1.40	62	2607	1.11	ug/l	99
5) Bromomethane	1.65	94	2576	1.56	ug/l	90
6) Chloroethane	1.73	64	1610	1.10	ug/l #	81
7) Trichlorofluoromethane	1.93	101	4170	1.09	ug/l	99
8) Diethyl Ether	2.19	74	1376	0.96	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2577	1.22	ug/l	98
10) Methyl Iodide	2.52	142	2201	1.12	ug/l	95
11) Tert butyl alcohol	3.06	59	2933	5.02	ug/l	98
12) 1,1-Dichloroethene	2.38	96	2349	1.16	ug/l	90
13) Acrolein	2.29	56	1644	6.84	ug/l	88
14) Allyl chloride	2.73	41	3546	0.97	ug/l #	87
15) Acrylonitrile	3.14	53	6213	4.86	ug/l	98
16) Acetone	2.44	43	6716	5.30	ug/l	98
17) Carbon Disulfide	2.57	76	6672	1.29	ug/l	98
18) Methyl Acetate	2.78	43	3055	0.98	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	7288	0.99	ug/l #	88
20) Methylene Chloride	2.85	84	3987	1.68	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	2655	1.19	ug/l	98
22) Diisopropyl ether	3.87	45	7397	1.02	ug/l	93
23) Vinyl Acetate	3.82	43	29410	4.78	ug/l	99
24) 1,1-Dichloroethane	3.70	63	4498	1.16	ug/l	97
25) 2-Butanone	4.70	43	8759	4.70	ug/l	92
26) 2,2-Dichloropropane	4.59	77	3276	1.07	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	2851	1.17	ug/l	99
28) Bromochloromethane	5.02	49	1622	0.93	ug/l #	98
29) Tetrahydrofuran	5.17	42	5477	4.59	ug/l	99
30) Chloroform	5.22	83	4562	1.11	ug/l	84
31) Cyclohexane	5.57	56	3974	1.20	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	3588	1.01	ug/l #	50
36) 1,1-Dichloropropene	5.79	75	3672	1.27	ug/l	99
37) Ethyl Acetate	4.86	43	3541	1.05	ug/l #	88
38) Carbon Tetrachloride	5.79	117	3483	1.17	ug/l #	94

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Operator : JC/MD

Sample : VSTDIC001

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: May 02 01:18:11 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	7.46	83	4033	1.24	ug/l #	85
40) Benzene	6.14	78	9877	1.19	ug/l	99
41) Methacrylonitrile	5.06	41	2170	1.15	ug/l	88
42) 1,2-Dichloroethane	6.20	62	3977	1.20	ug/l	100
43) Isopropyl Acetate	6.47	43	5081	0.96	ug/l	99
44) Trichloroethene	7.22	130	3109	1.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	2514	1.15	ug/l	93
46) Dibromomethane	7.67	93	1744	1.16	ug/l	96
47) Bromodichloromethane	7.90	83	2719	0.99	ug/l #	98
48) Methyl methacrylate	7.78	41	2772	0.98	ug/l	94
49) 1,4-Dioxane	7.76	88	1072	19.19	ug/l #	89
51) 4-Methyl-2-Pentanone	8.65	43	14825	4.26	ug/l	99
52) Toluene	8.79	92	5918	1.09	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	3288	1.03	ug/l	89
54) cis-1,3-Dichloropropene	9.04	75	2645	0.89	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	2346	1.02	ug/l #	89
56) Ethyl methacrylate	9.18	69	2722	0.81	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	3863	1.04	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	7135	4.46	ug/l	98
59) 2-Hexanone	9.50	43	11248	4.11	ug/l	98
60) Dibromochloromethane	9.59	129	2138	0.92	ug/l	96
61) 1,2-Dibromoethane	9.68	107	2492	1.04	ug/l	97
64) Tetrachloroethene	9.34	164	3420	1.32	ug/l	96
65) Chlorobenzene	10.14	112	7401	1.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	2088	0.96	ug/l #	67
67) Ethyl Benzene	10.26	91	11729	1.15	ug/l	98
68) m/p-Xylenes	10.36	106	8880	2.19	ug/l	95
69) o-Xylene	10.70	106	4312	1.10	ug/l	97
70) Styrene	10.71	104	6721	1.03	ug/l	99
71) Bromoform	10.87	173	1682	0.89	ug/l #	99
73) Isopropylbenzene	11.02	105	11472	1.16	ug/l	99
74) N-amyl acetate	6.47	43	5081	1.04	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	3453	1.07	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	3744	1.23	ug/l	96
77) Bromobenzene	11.26	156	3272	1.12	ug/l	95
78) n-propylbenzene	11.37	91	11809	1.07	ug/l	98
79) 2-Chlorotoluene	11.43	91	7523	1.10	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	8723	1.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	574	0.75	ug/l #	75
82) 4-Chlorotoluene	11.52	91	8893	1.09	ug/l	99
83) tert-Butylbenzene	11.77	119	8513	1.02	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	8824	1.02	ug/l	96
85) sec-Butylbenzene	11.95	105	10404	1.06	ug/l	98
86) p-Isopropyltoluene	12.07	119	9279	1.02	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	6660	1.27	ug/l	99
88) 1,4-Dichlorobenzene	12.03	146	6660	1.21	ug/l	99
89) n-Butylbenzene	12.40	91	8203	1.04	ug/l	97
90) Hexachloroethane	12.60	117	1115	0.86	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	6299	1.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	561	0.79	ug/l	91

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

Data File : VX001270.D
Acq On : 01 May 2018 11:02
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 02 01:18:11 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

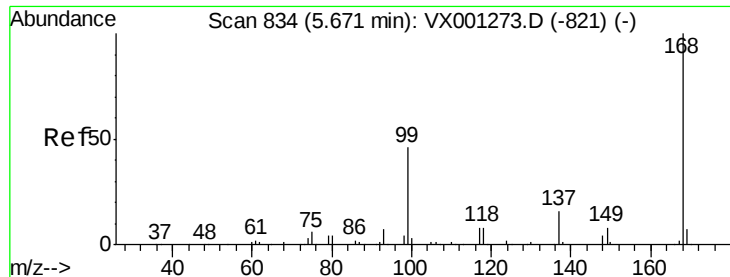
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	5605	1.34	ug/l	96
94) Hexachlorobutadiene	13.79	225	2970	1.48	ug/l	97
95) Naphthalene	13.84	128	12340	1.07	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	5184	1.25	ug/l	99

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

ALS Vial : 3 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

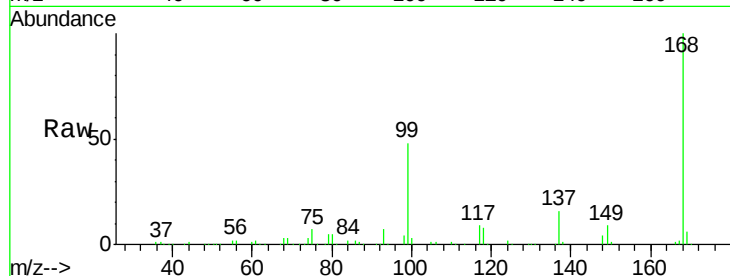
VSTDIC001

Tgt Ion:168 Resp: 200212

Ion Ratio Lower Upper

168 100

99 48.3 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

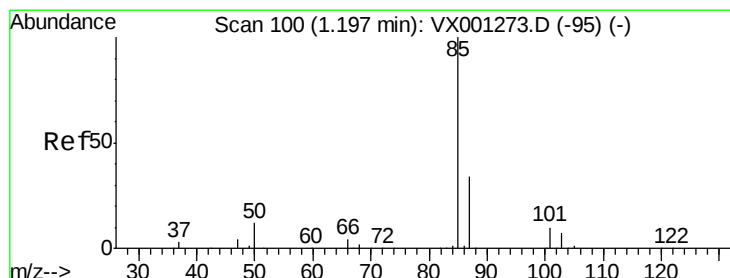
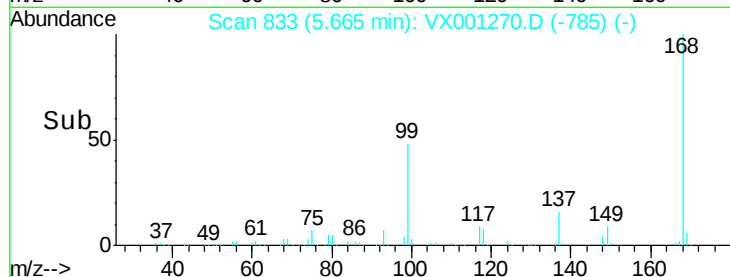
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001270.D

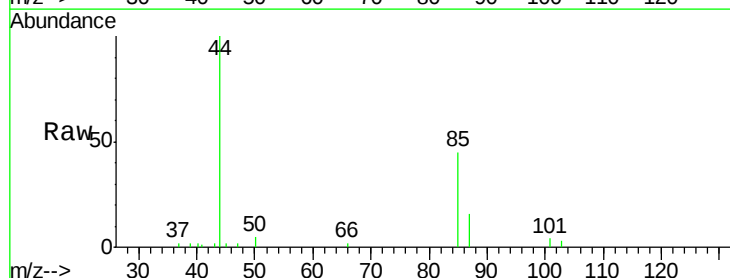
Acq: 01 May 2018 11:02

Tgt Ion: 85 Resp: 2070

Ion Ratio Lower Upper

85 100

87 35.7 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

2000

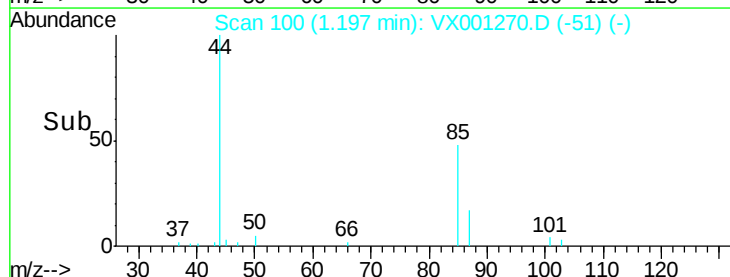
1500

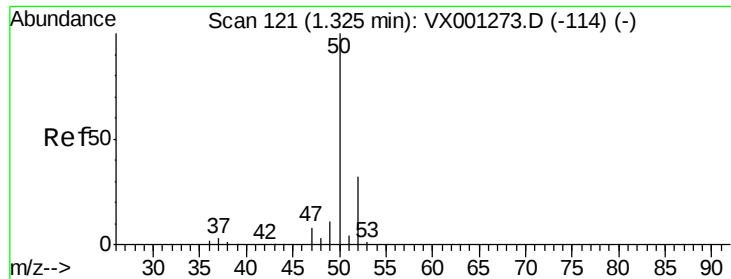
1000

500

0

Time--> 1.15 1.20 1.25

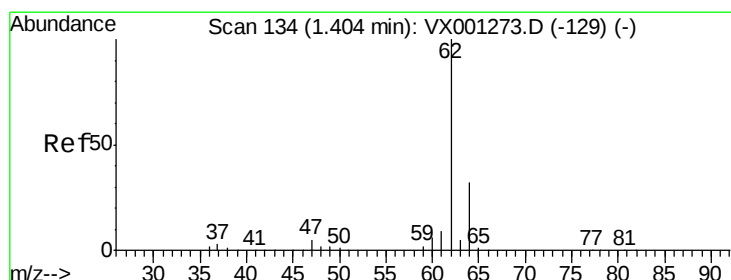
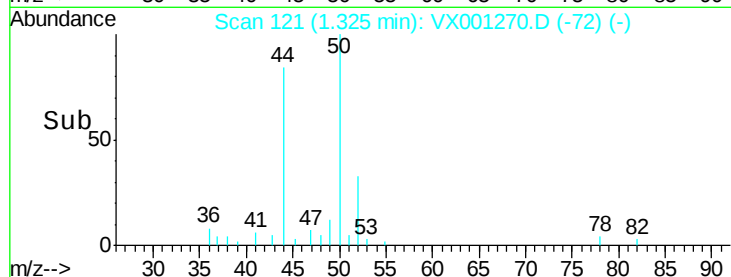
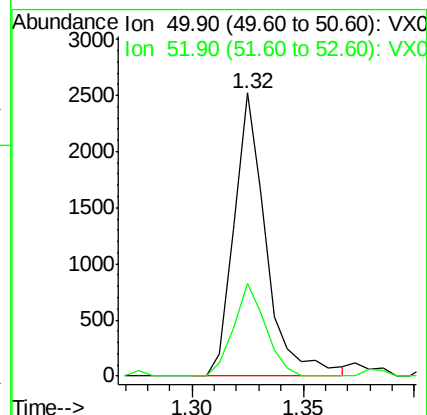
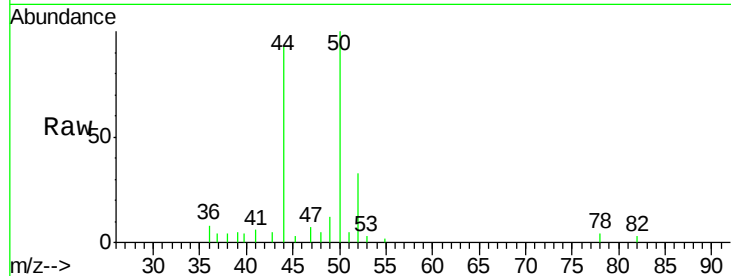




#3
Chloromethane
Concen: 1.14 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

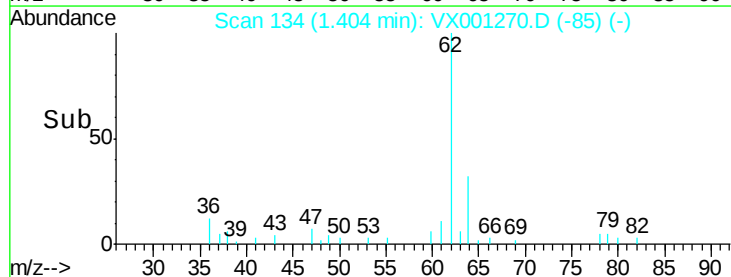
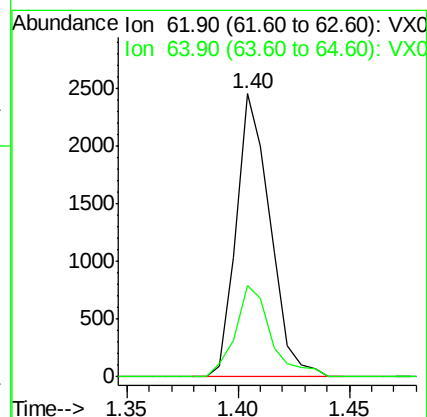
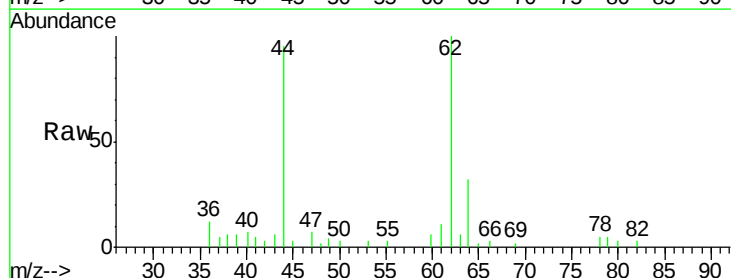
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

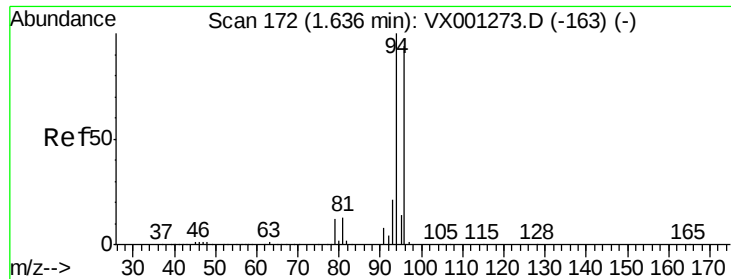
Tgt Ion: 50 Resp: 2519
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 1.11 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 62 Resp: 2607
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5

Bromomethane

Concen: 1.56 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

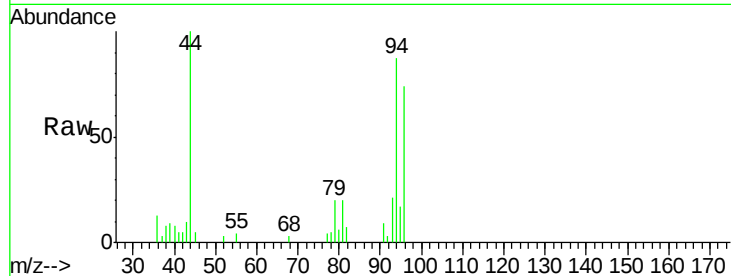
VSTDIC001

Tgt Ion: 94 Resp: 2576

Ion Ratio Lower Upper

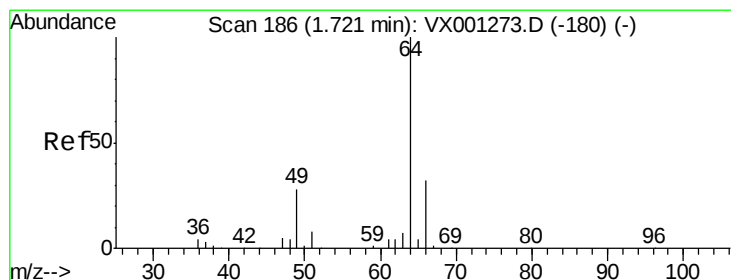
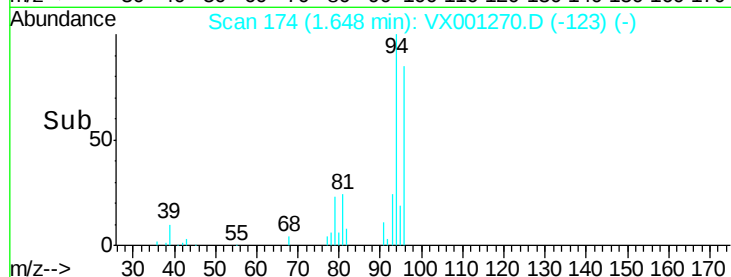
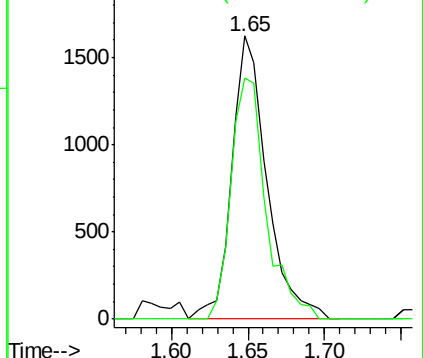
94 100

96 85.3 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: 1.10 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001270.D

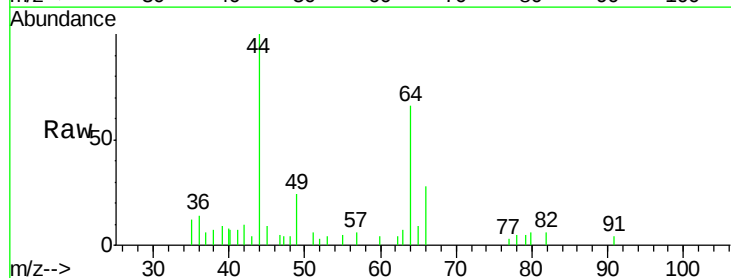
Acq: 01 May 2018 11:02

Tgt Ion: 64 Resp: 1610

Ion Ratio Lower Upper

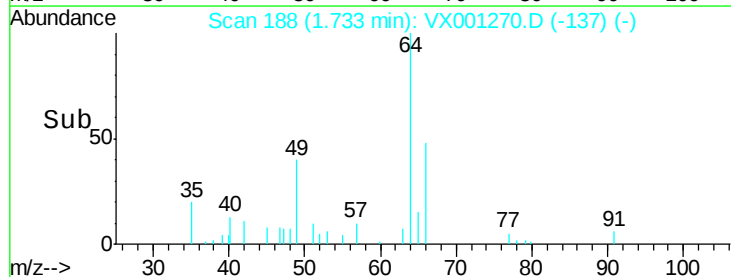
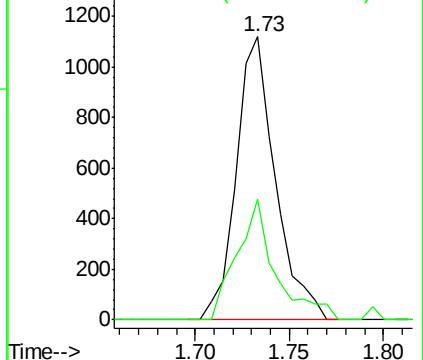
64 100

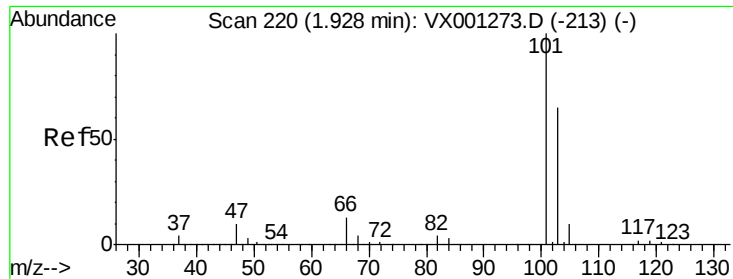
66 42.6 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.09 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

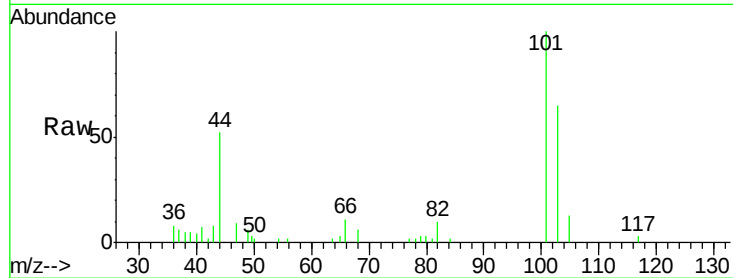
VSTDIC001

Tgt Ion:101 Resp: 4170

Ion Ratio Lower Upper

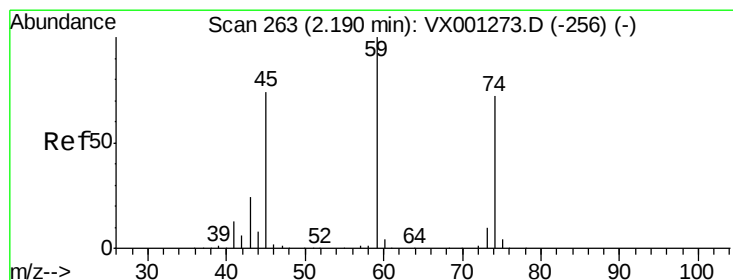
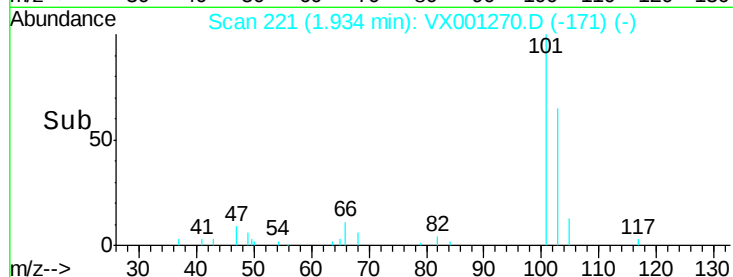
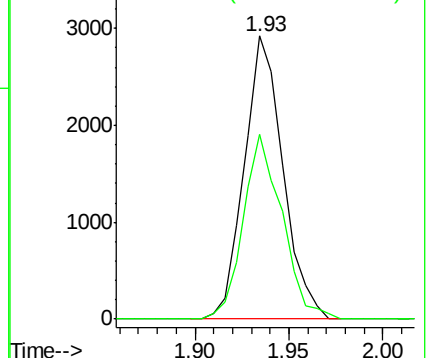
101 100

103 65.4 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.96 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001270.D

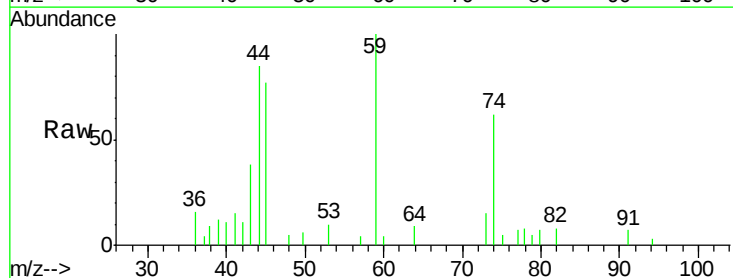
Acq: 01 May 2018 11:02

Tgt Ion: 74 Resp: 1376

Ion Ratio Lower Upper

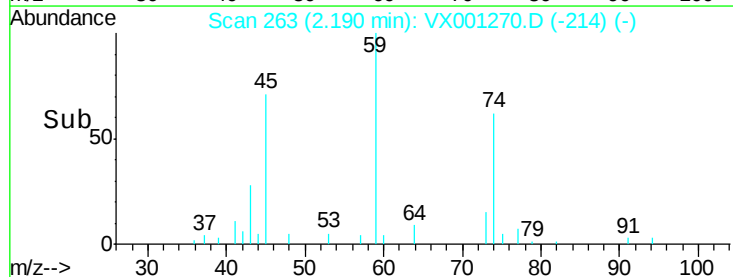
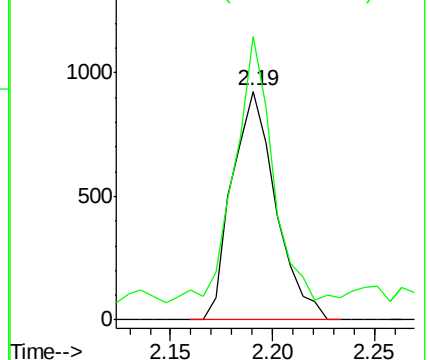
74 100

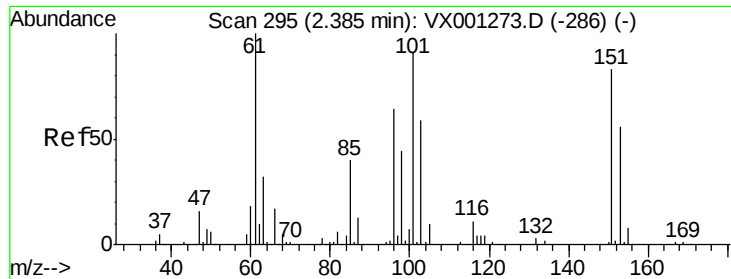
45 106.5 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.22 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

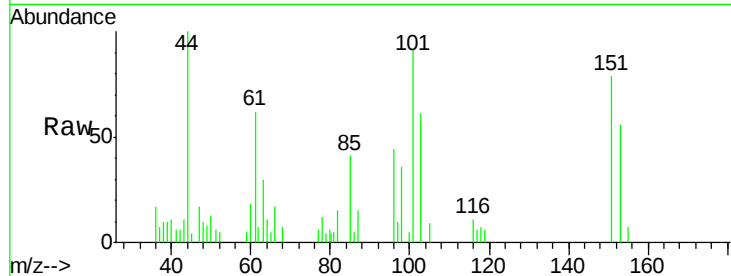
Tgt Ion:101 Resp: 2577

Ion Ratio Lower Upper

101 100

85 42.8 35.6 53.4

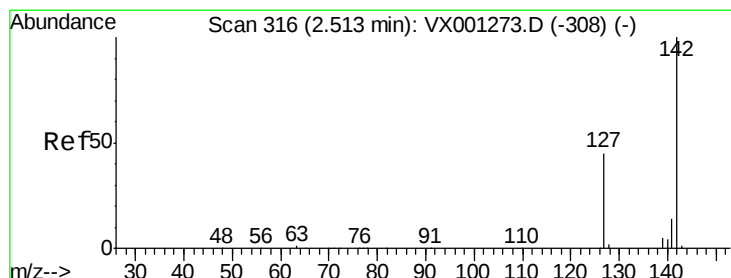
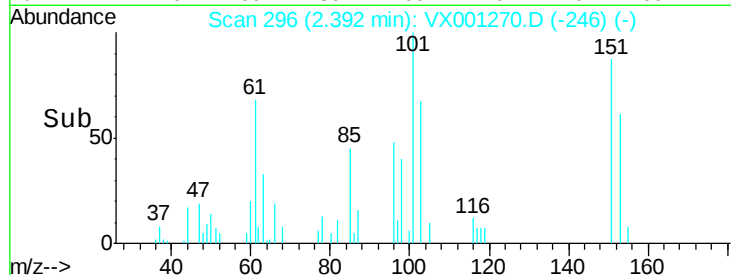
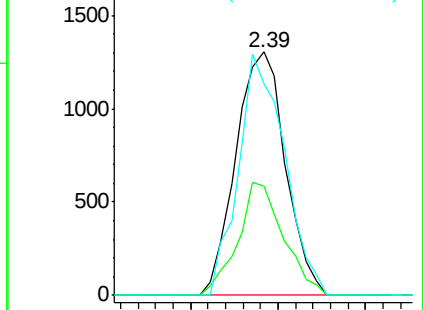
151 92.0 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.12 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

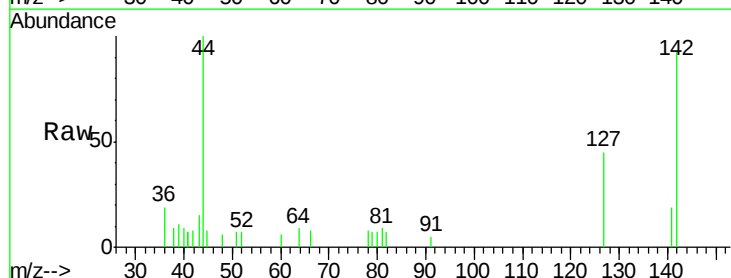
Tgt Ion:142 Resp: 2201

Ion Ratio Lower Upper

142 100

127 47.6 35.7 53.5

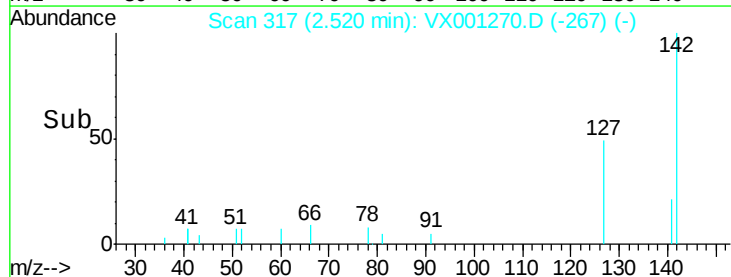
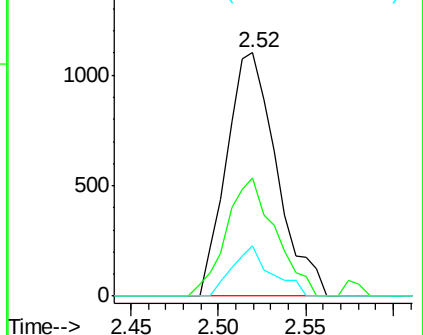
141 16.0 11.4 17.0

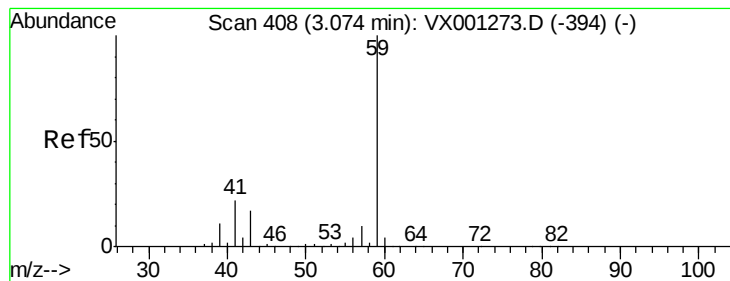


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



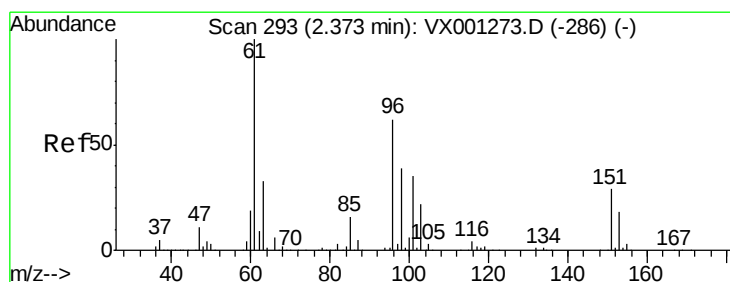
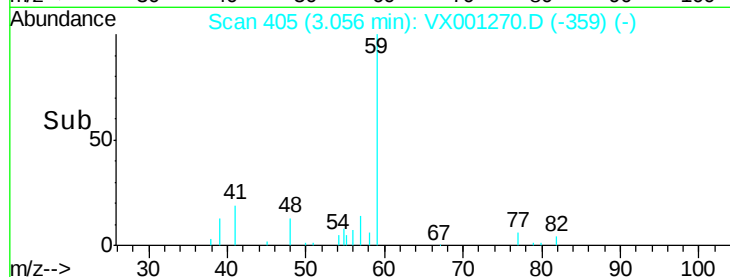
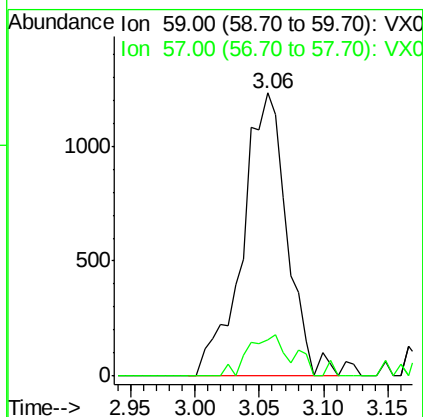
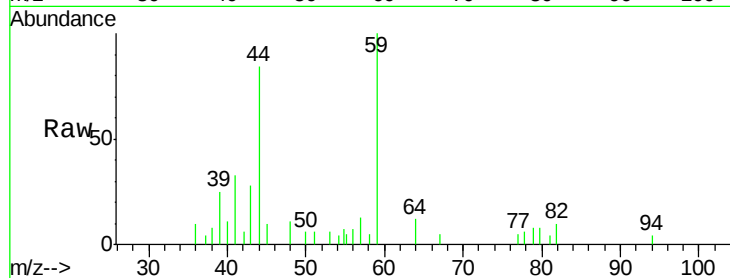


#11

Tert butyl alcohol
 Concen: 5.02 ug/l
 RT: 3.06 min Scan# 405
 Delta R.T. -0.02 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

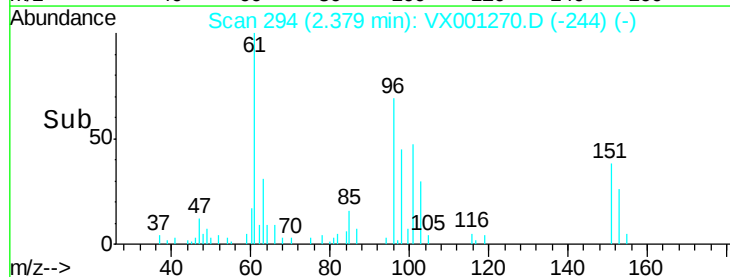
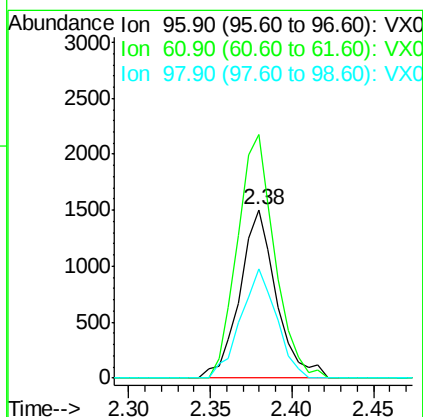
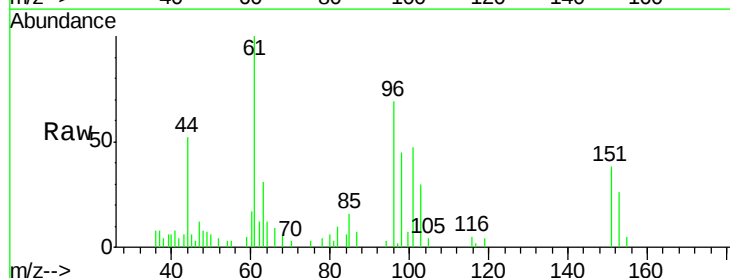
Tgt Ion: 59 Resp: 2933
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.6 12.8

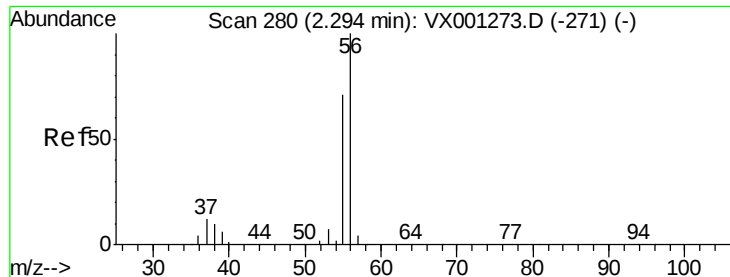


#12

1,1-Dichloroethene
 Concen: 1.16 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion: 96 Resp: 2349
 Ion Ratio Lower Upper
 96 100
 61 144.7 130.1 195.1
 98 64.7 50.3 75.5





#13

Acrolein

Concen: 6.84 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

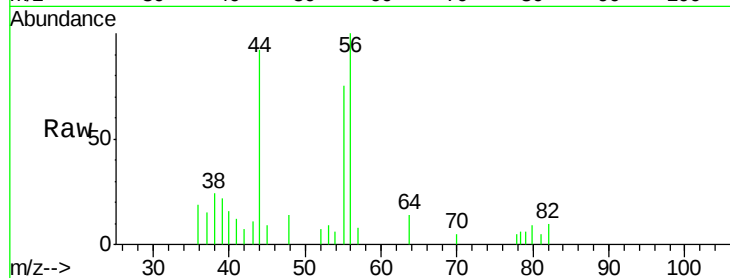
VSTDIC001

Tgt Ion: 56 Resp: 1644

Ion Ratio Lower Upper

56 100

55 81.6 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

1200

1000

800

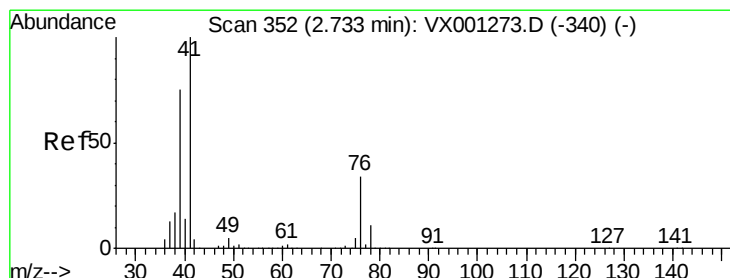
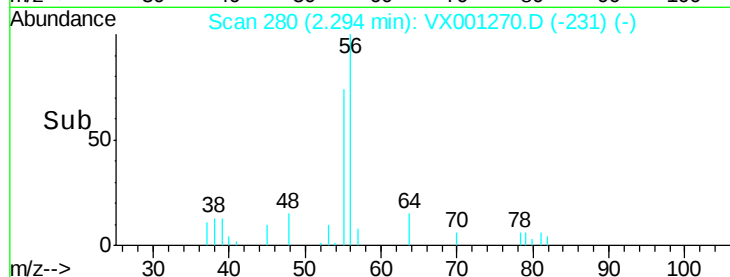
600

400

200

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 0.97 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

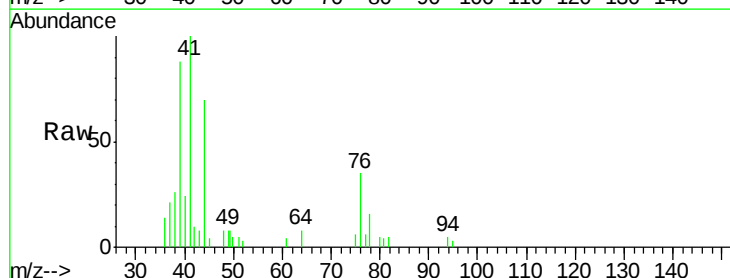
Tgt Ion: 41 Resp: 3546

Ion Ratio Lower Upper

41 100

39 87.2 58.1 87.1#

76 33.1 25.1 37.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

2000

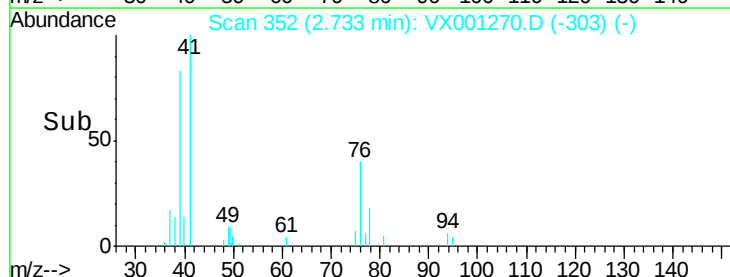
1500

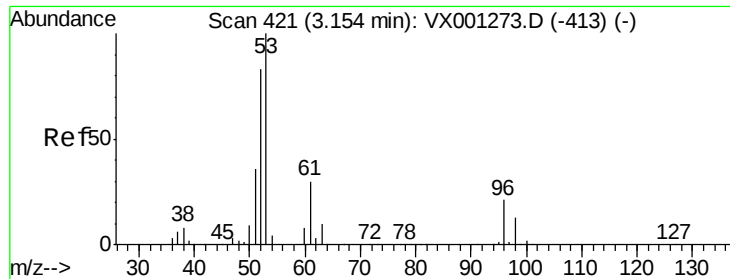
1000

500

0

Time--> 2.65 2.70 2.75 2.80 2.85





#15

Acrylonitrile

Concen: 4.86 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

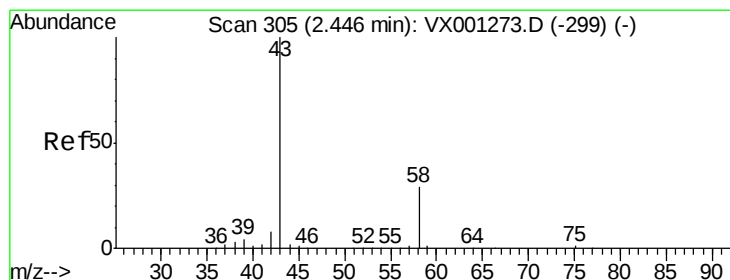
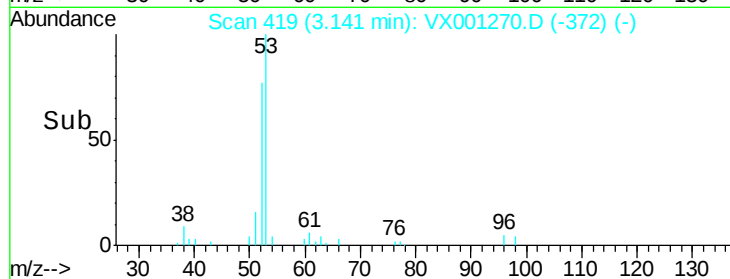
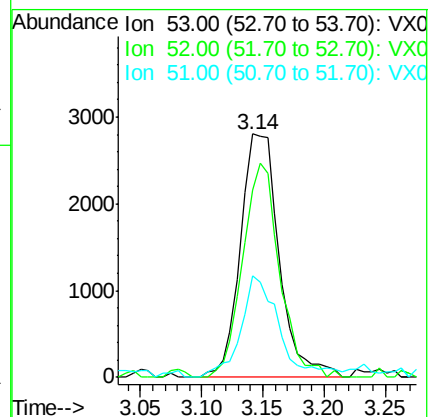
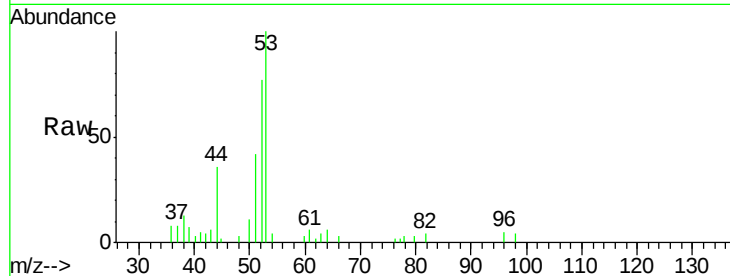
Tgt Ion: 53 Resp: 6213

Ion Ratio Lower Upper

53 100

52 83.6 67.0 100.4

51 41.3 29.9 44.9



#16

Acetone

Concen: 5.30 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX001270.D

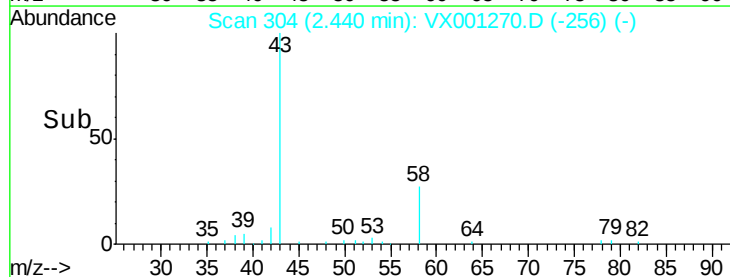
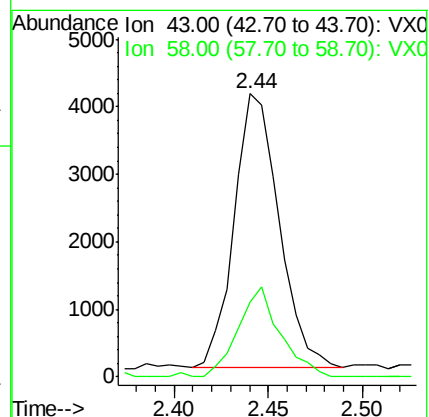
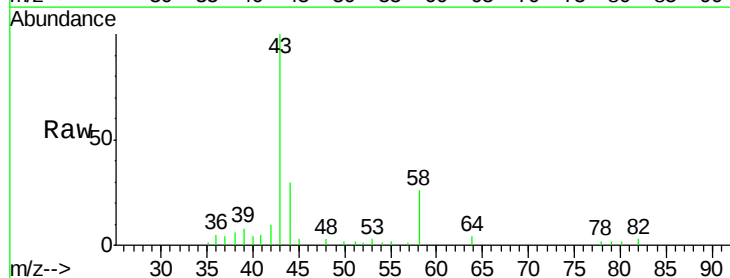
Acq: 01 May 2018 11:02

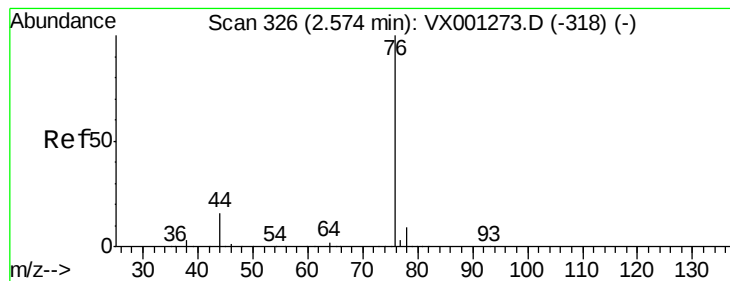
Tgt Ion: 43 Resp: 6716

Ion Ratio Lower Upper

43 100

58 27.2 22.8 34.2





#17

Carbon Disulfide

Concen: 1.29 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

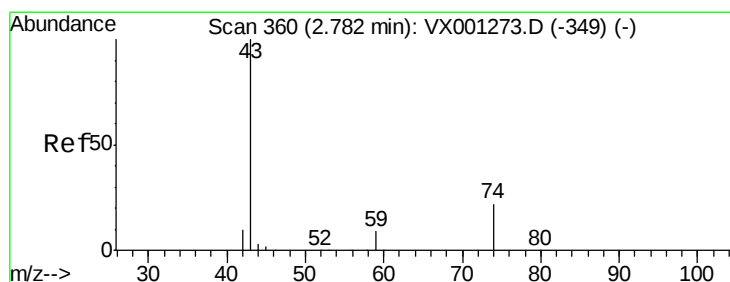
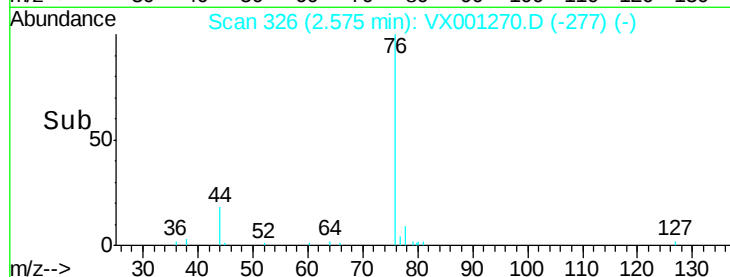
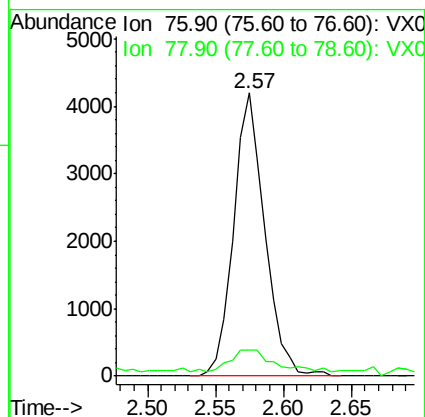
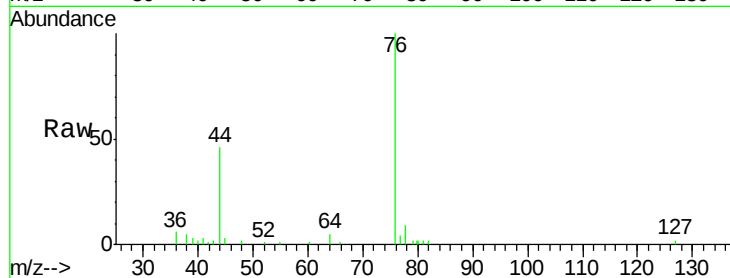
VSTDIC001

Tgt Ion: 76 Resp: 6672

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.4



#18

Methyl Acetate

Concen: 0.98 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX001270.D

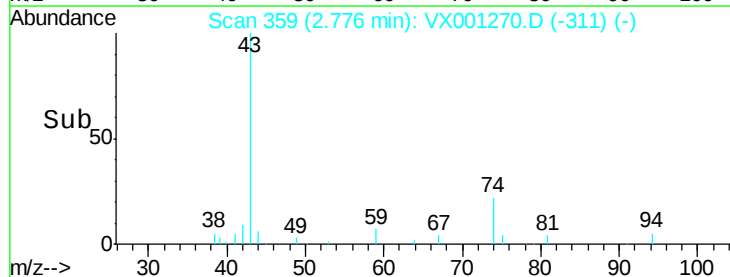
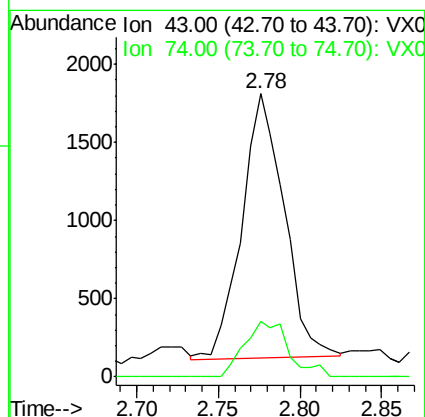
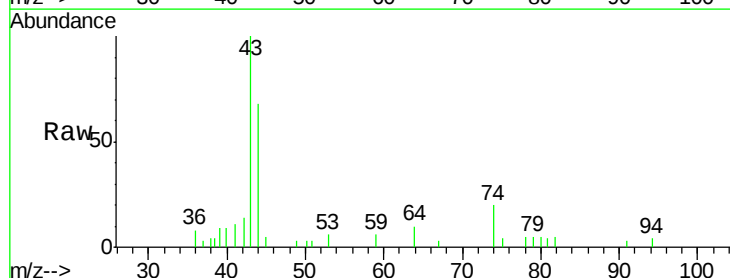
Acq: 01 May 2018 11:02

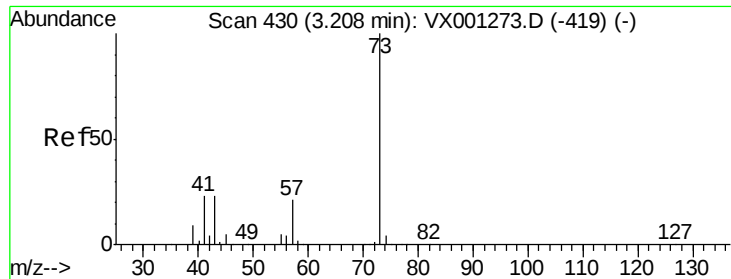
Tgt Ion: 43 Resp: 3055

Ion Ratio Lower Upper

43 100

74 22.0 17.8 26.6

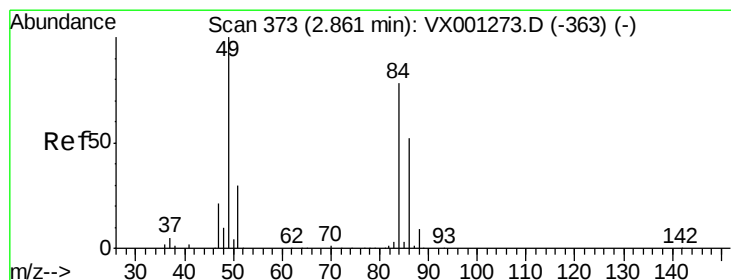
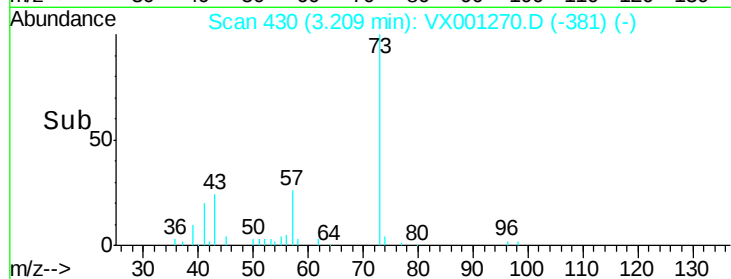
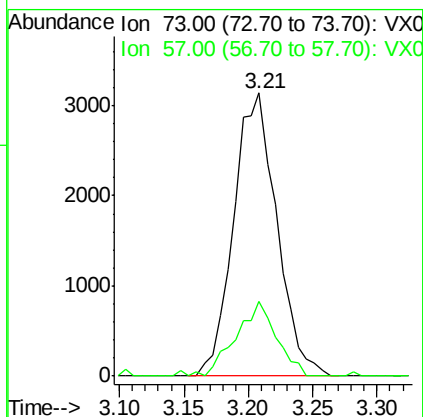
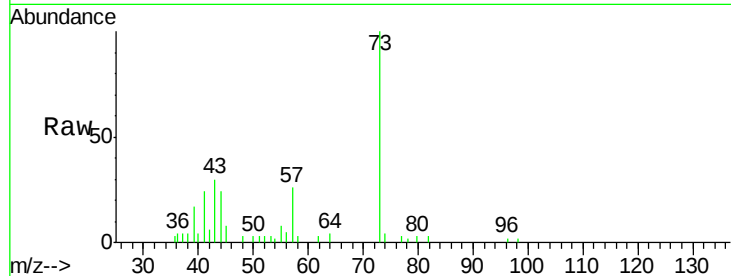




#19
Methyl tert-butyl Ether
Concen: 0.99 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

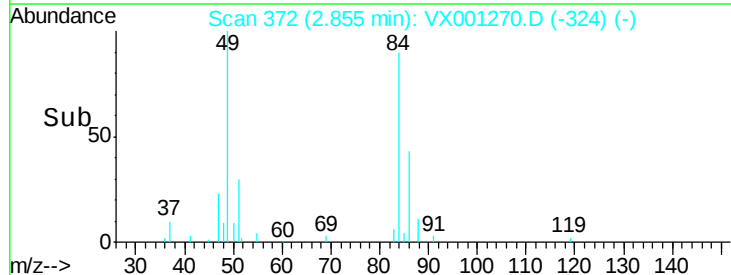
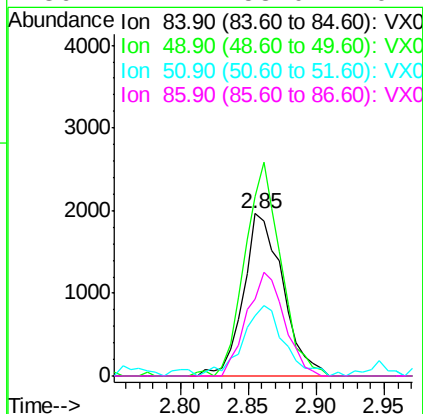
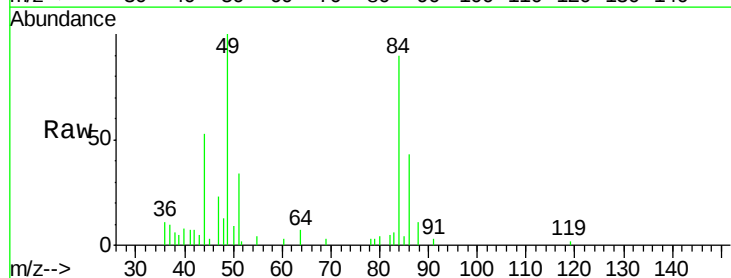
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

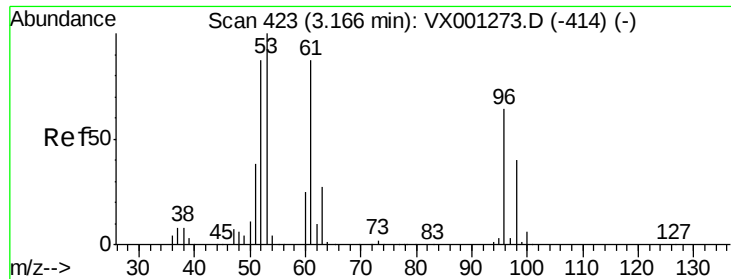
Tgt Ion: 73 Resp: 7288
Ion Ratio Lower Upper
73 100
57 26.4 16.8 25.2#



#20
Methylene Chloride
Concen: 1.68 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 84 Resp: 3987
Ion Ratio Lower Upper
84 100
49 110.6 102.8 154.2
51 34.5 30.9 46.3
86 47.7 53.0 79.4#





#21

trans-1,2-Dichloroethene

Concen: 1.19 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

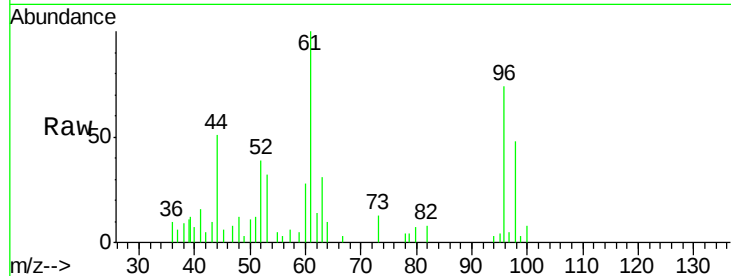
Tgt Ion: 96 Resp: 2655

Ion Ratio Lower Upper

96 100

61 134.5 108.6 162.8

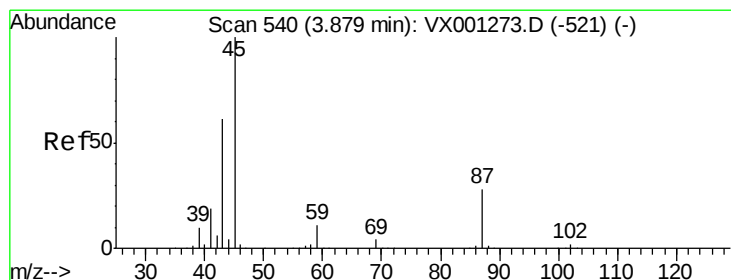
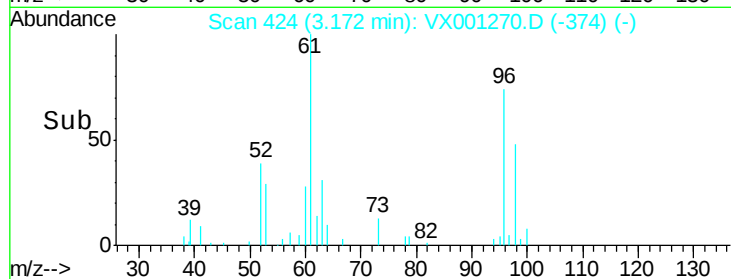
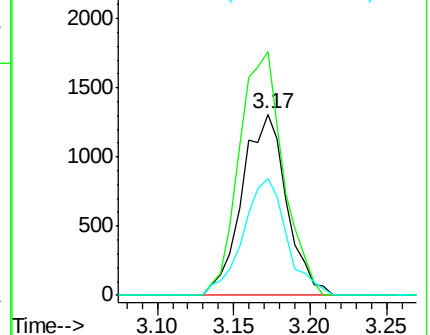
98 64.4 49.7 74.5



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: 1.02 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion: 45 Resp: 7397

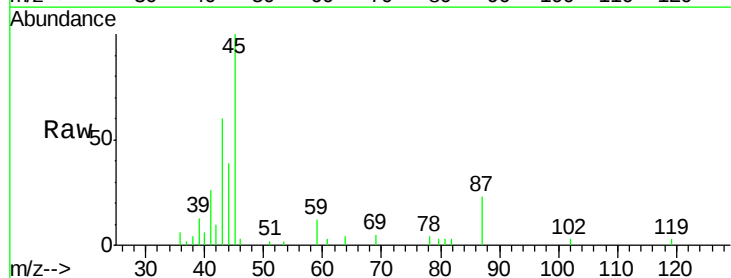
Ion Ratio Lower Upper

45 100

43 55.4 48.7 73.1

87 24.0 22.2 33.4

59 12.8 9.1 13.7

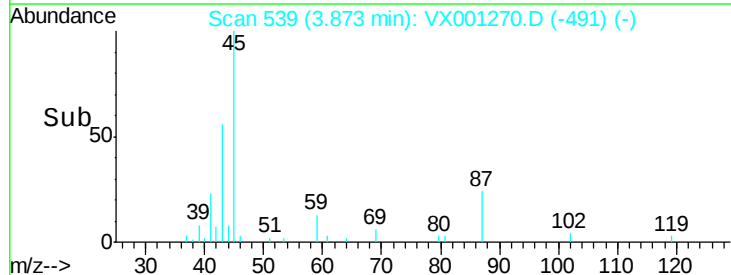
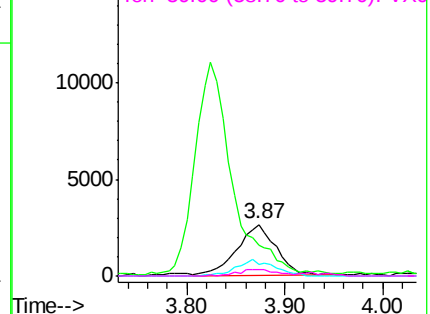


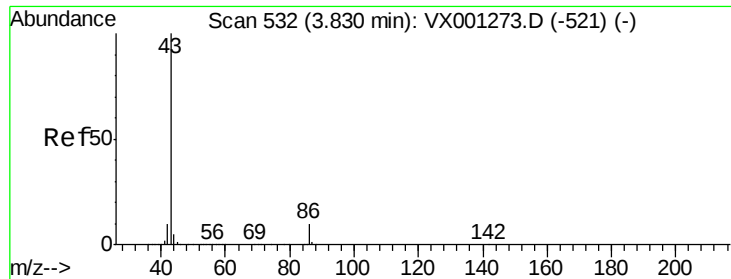
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.78 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

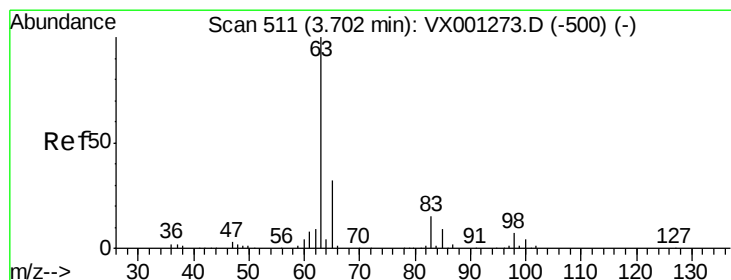
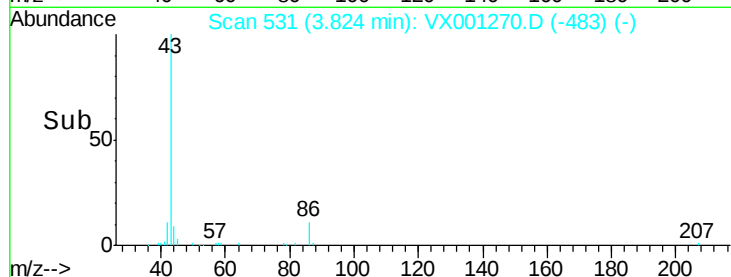
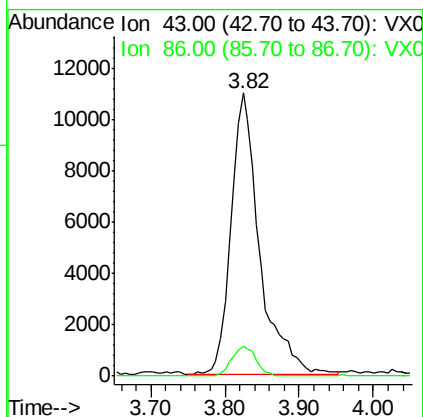
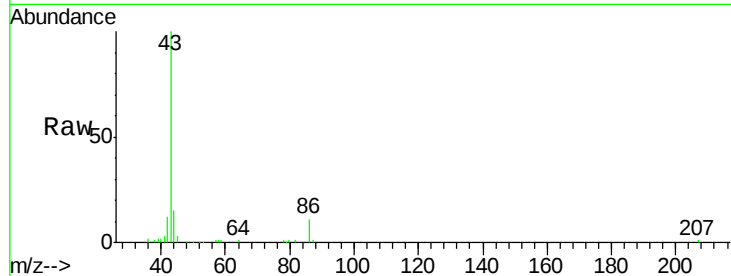
VSTDIC001

Tgt Ion: 43 Resp: 29410

Ion Ratio Lower Upper

43 100

86 10.8 8.2 12.4



#24

1,1-Dichloroethane

Concen: 1.16 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

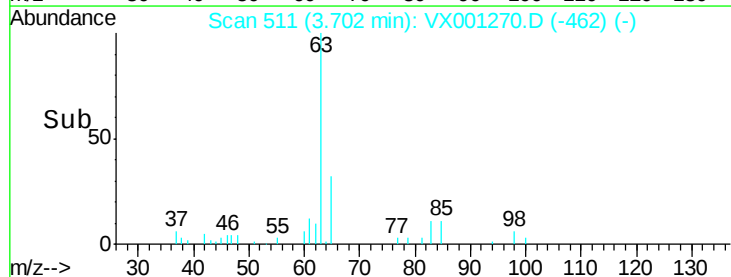
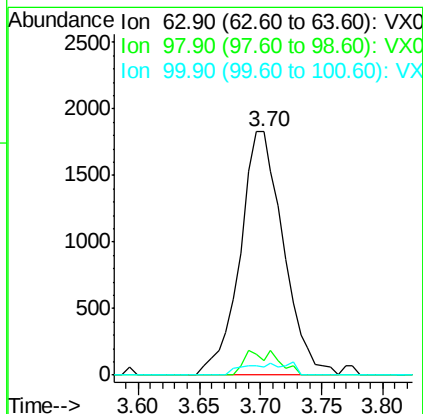
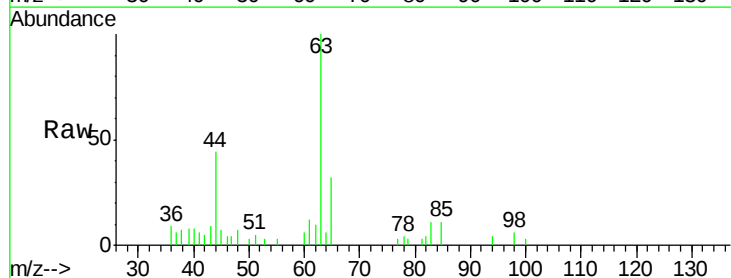
Tgt Ion: 63 Resp: 4498

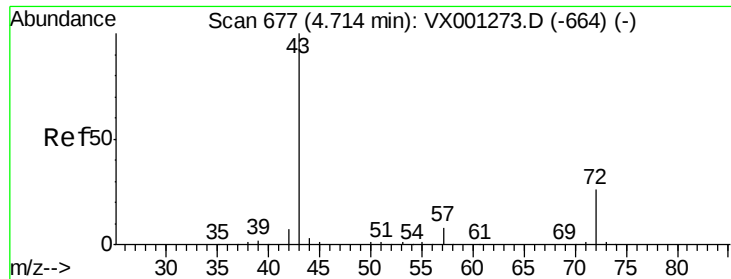
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

100 3.3 2.3 6.8





#25

2-Butanone

Concen: 4.70 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

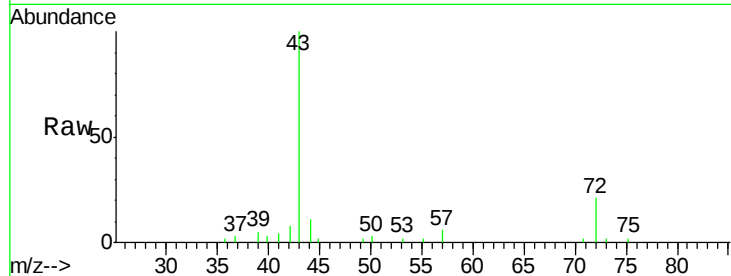
VSTDIC001

Tgt Ion: 43 Resp: 8759

Ion Ratio Lower Upper

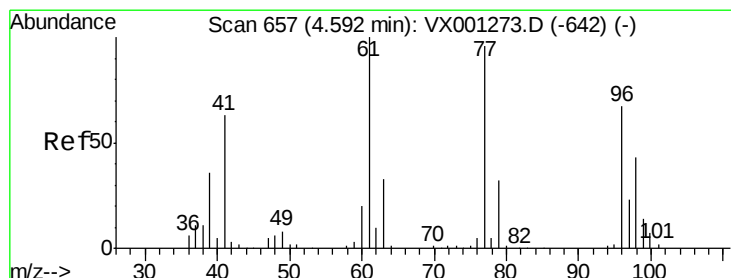
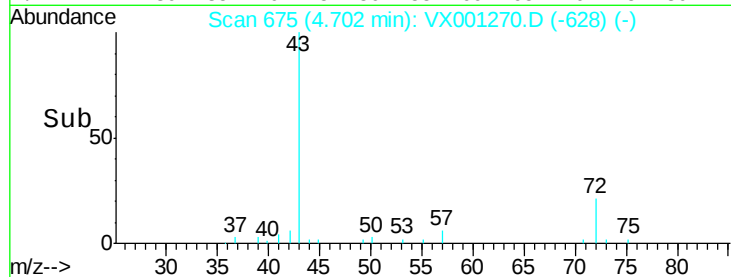
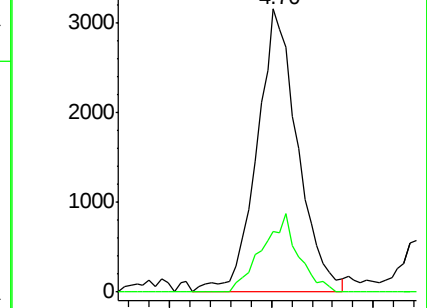
43 100

72 21.3 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: 1.07 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001270.D

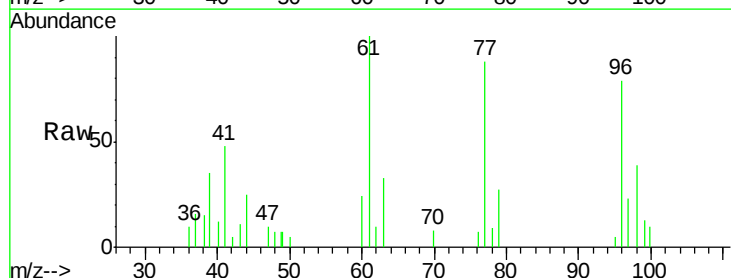
Acq: 01 May 2018 11:02

Tgt Ion: 77 Resp: 3276

Ion Ratio Lower Upper

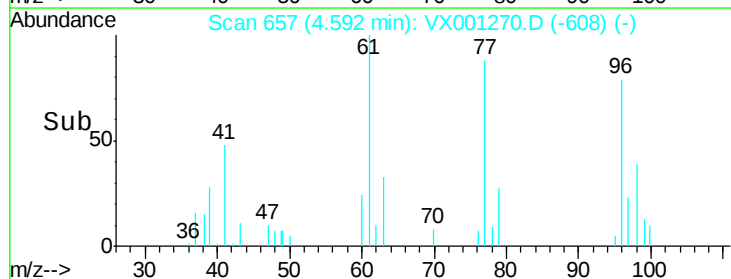
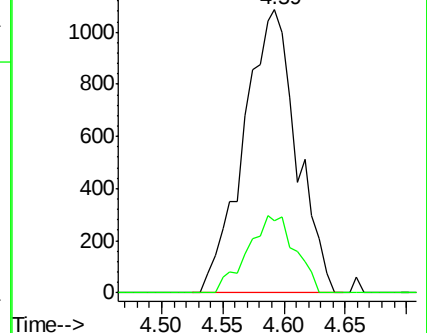
77 100

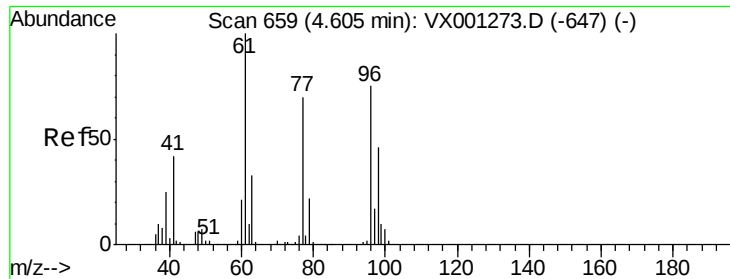
97 24.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



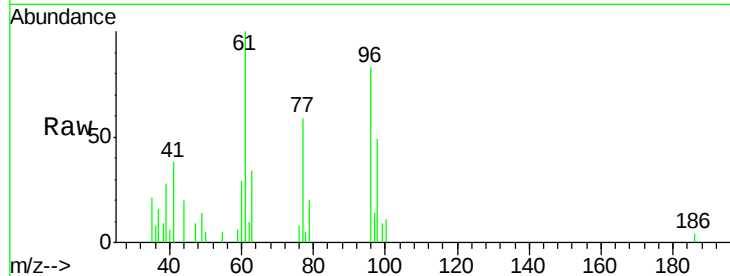


#27

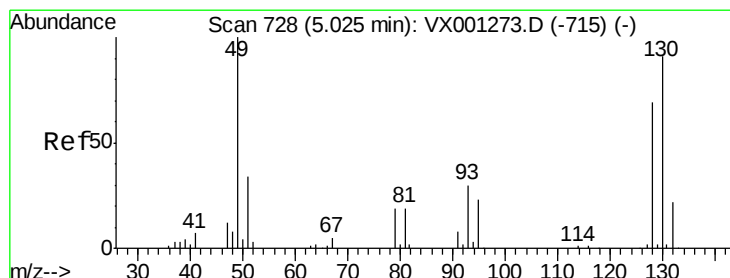
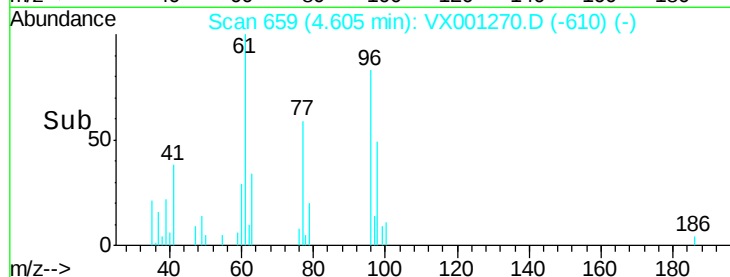
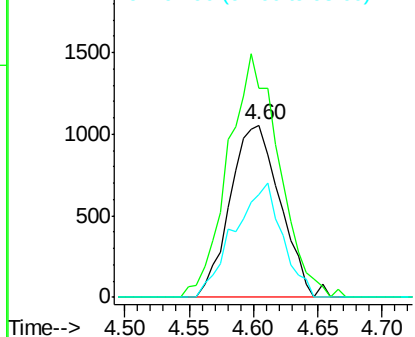
cis-1,2-Dichloroethene
Concen: 1.17 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 2851
Ion Ratio Lower Upper
96 100
61 144.3 0.0 288.0
98 63.5 0.0 130.2



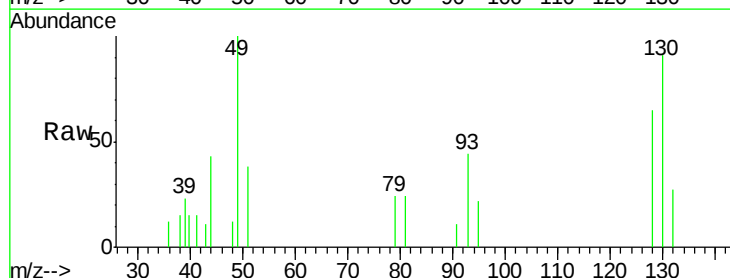
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



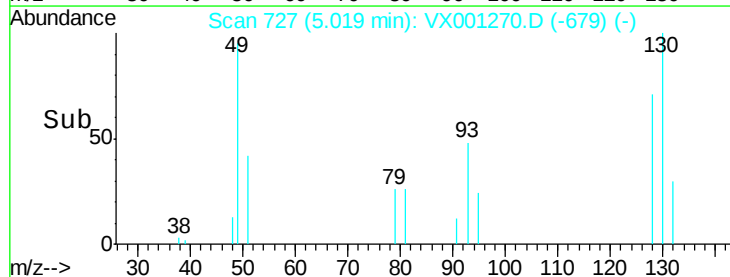
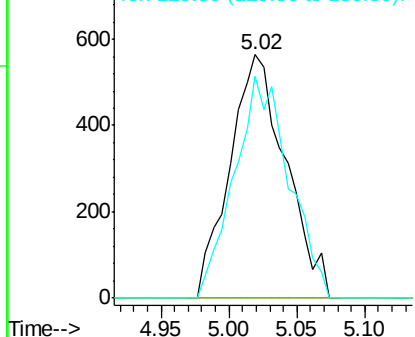
#28

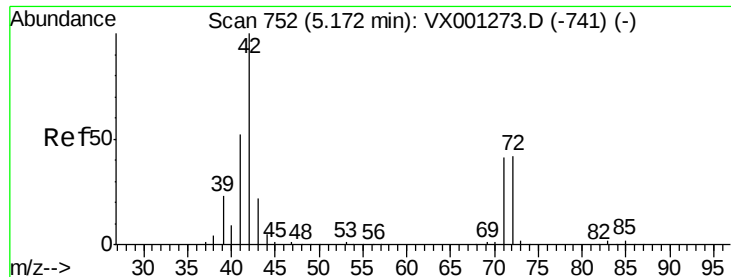
Bromochloromethane
Concen: 0.93 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 49 Resp: 1622
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 89.3 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: 4.59 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

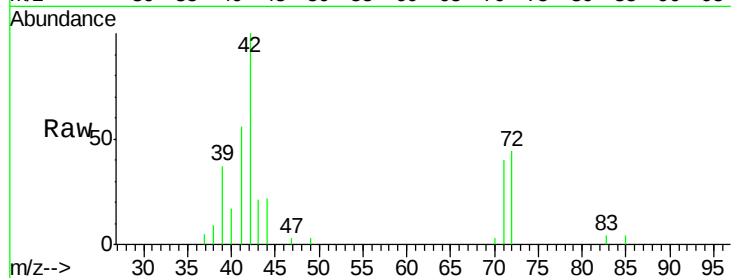
Tgt Ion: 42 Resp: 5477

Ion Ratio Lower Upper

42 100

72 42.9 34.6 52.0

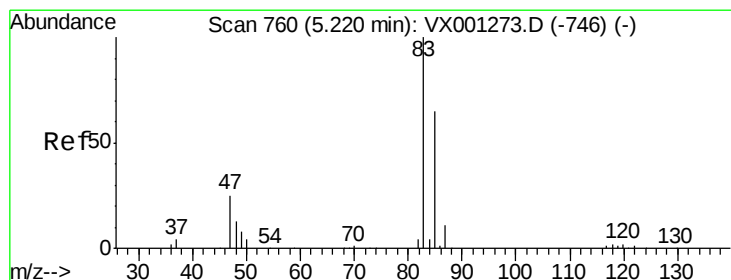
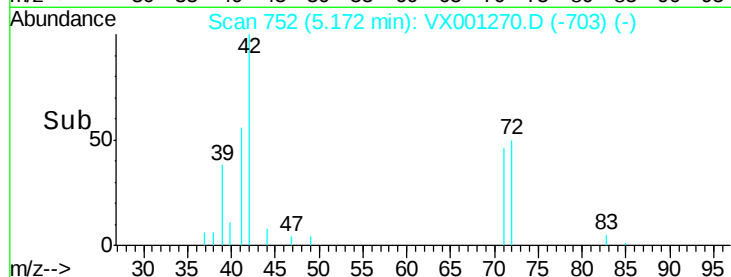
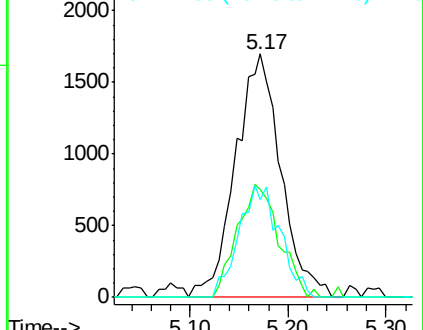
71 41.7 32.7 49.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001270.D

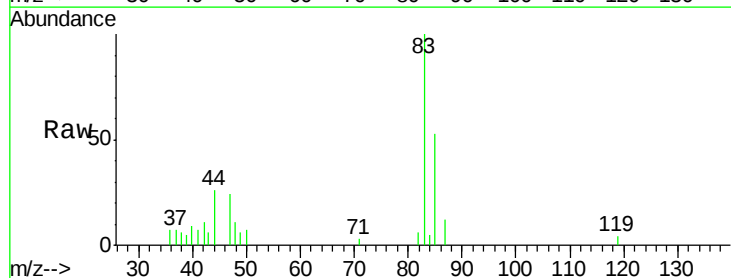
Acq: 01 May 2018 11:02

Tgt Ion: 83 Resp: 4562

Ion Ratio Lower Upper

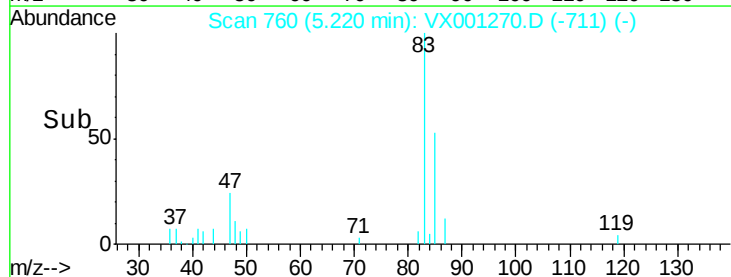
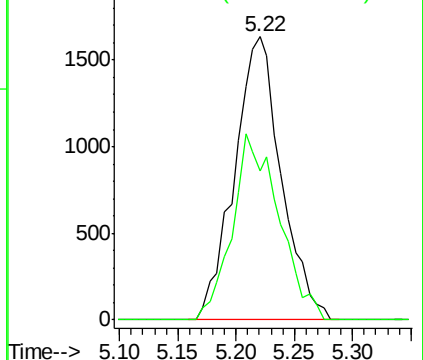
83 100

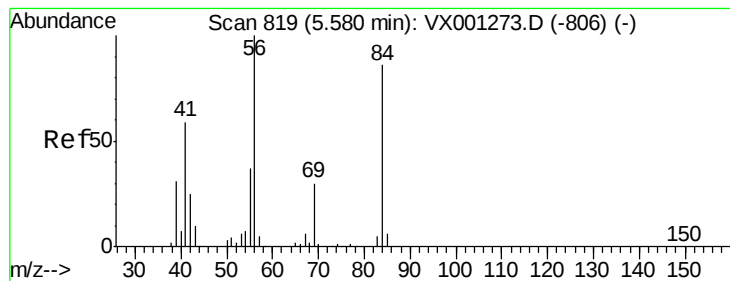
85 52.8 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.20 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

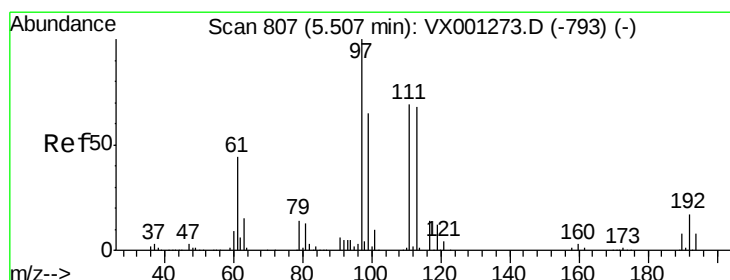
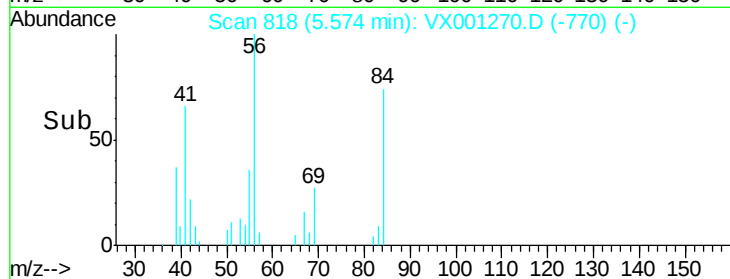
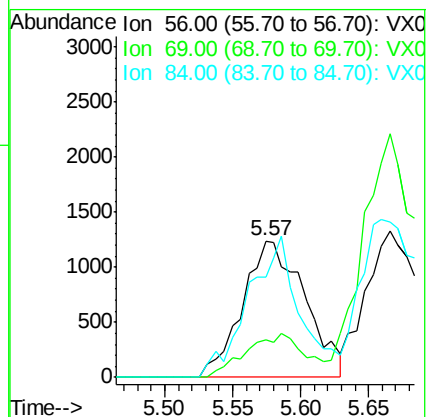
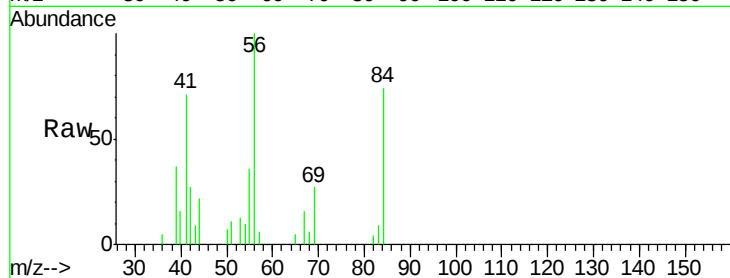
Tgt Ion: 56 Resp: 3974

Ion Ratio Lower Upper

56 100

69 27.3 24.0 36.0

84 74.1 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 1.01 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

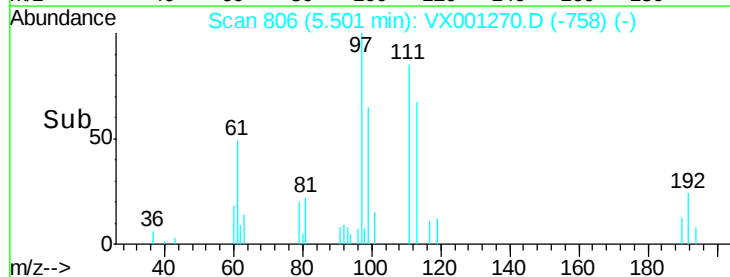
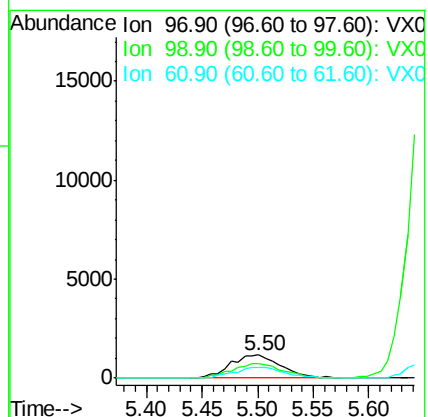
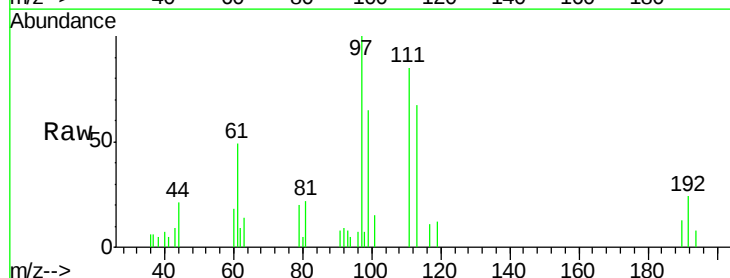
Tgt Ion: 97 Resp: 3588

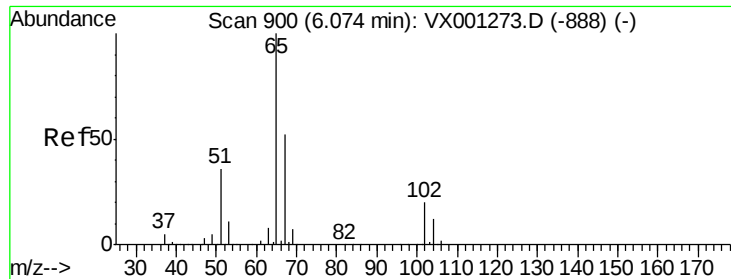
Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 46.3 35.4 53.2

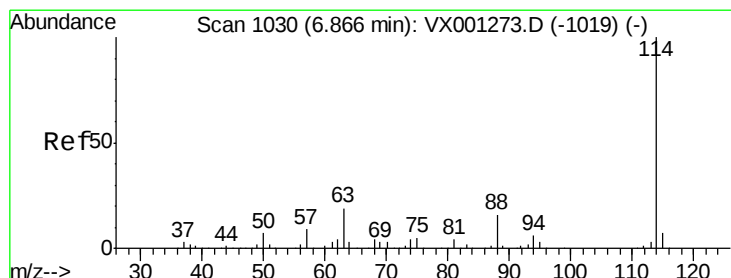
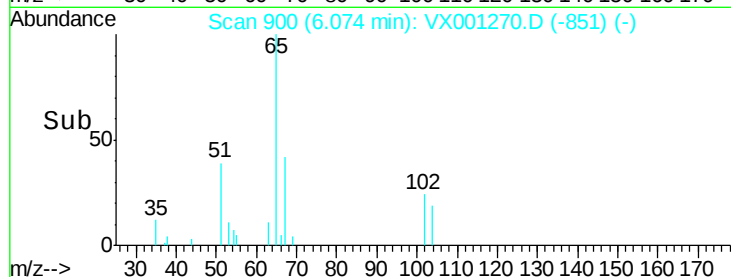
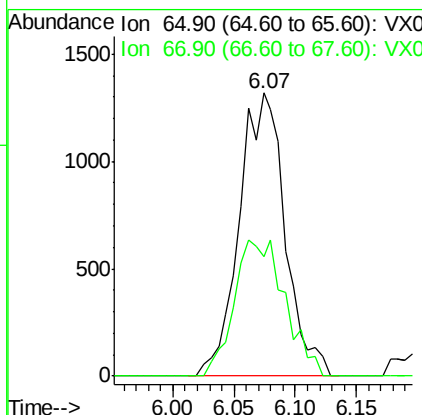
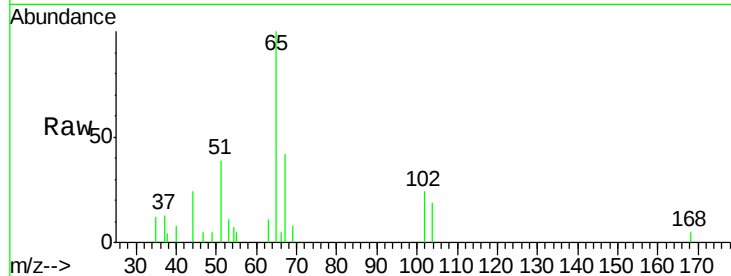




#33
 1,2-Dichloroethane-d4
 Concen: 1.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

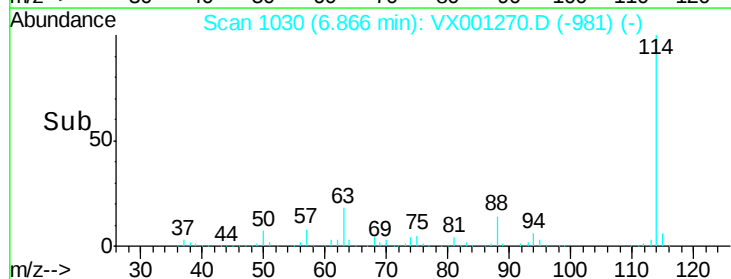
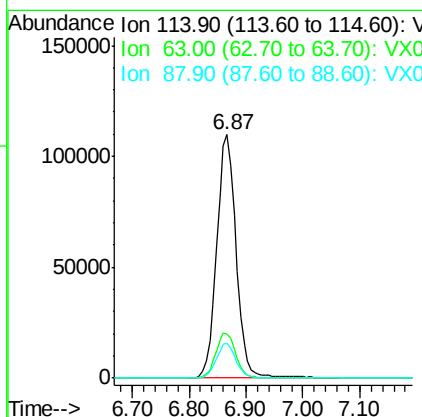
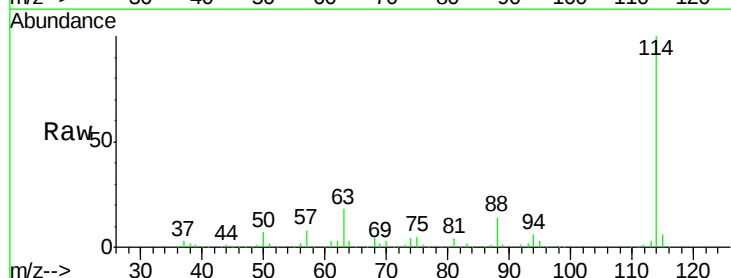
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

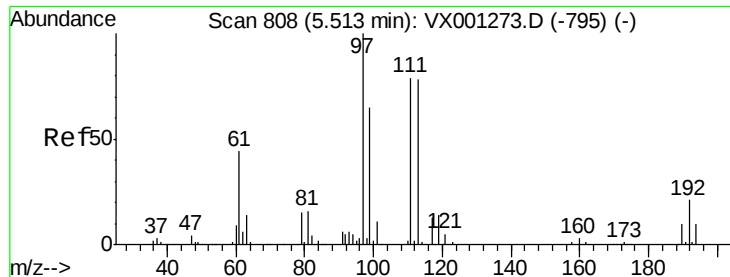
Tgt Ion: 65 Resp: 3427
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion: 114 Resp: 259802
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.8
 88 14.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 1.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

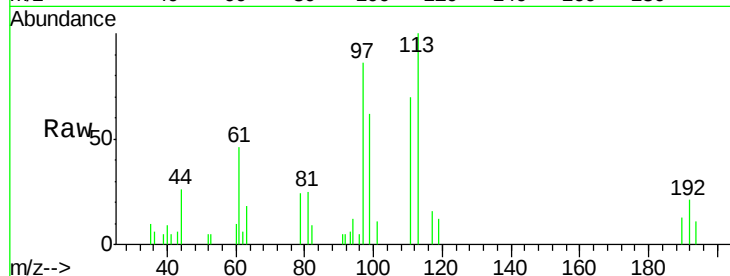
Tgt Ion:113 Resp: 2594

Ion Ratio Lower Upper

113 100

111 91.9 81.2 121.8

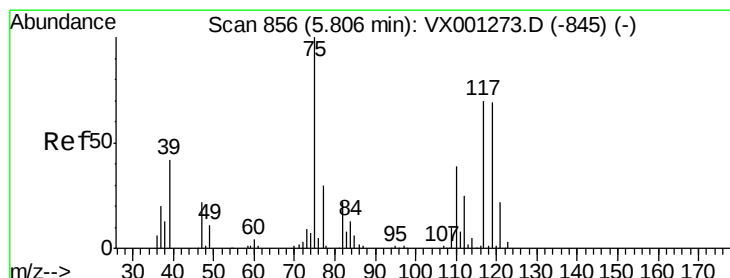
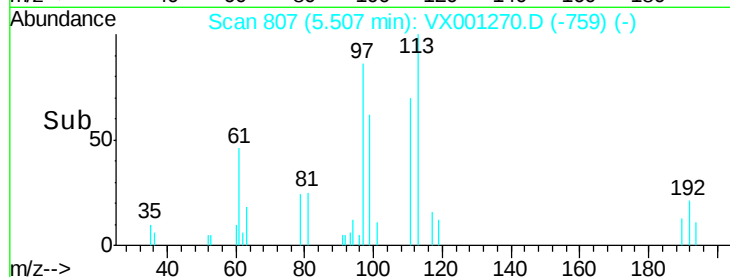
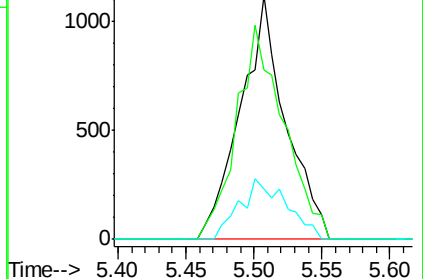
192 25.7 20.7 31.1



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: 1.27 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

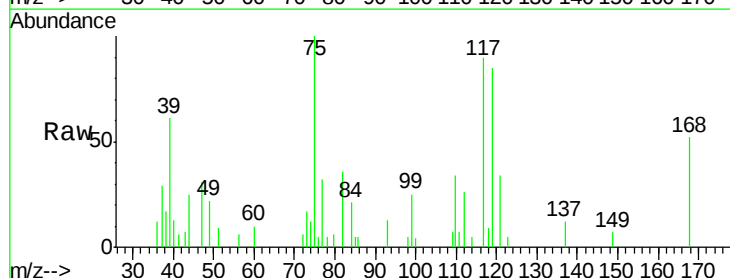
Tgt Ion: 75 Resp: 3672

Ion Ratio Lower Upper

75 100

110 37.7 18.9 56.9

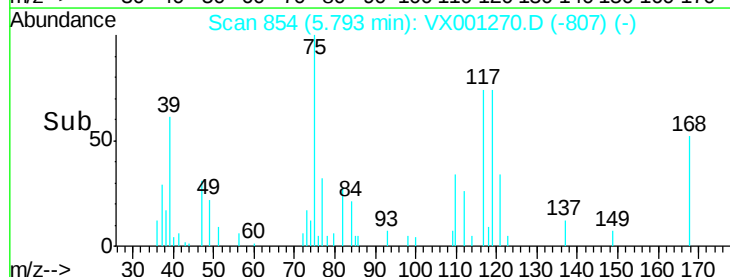
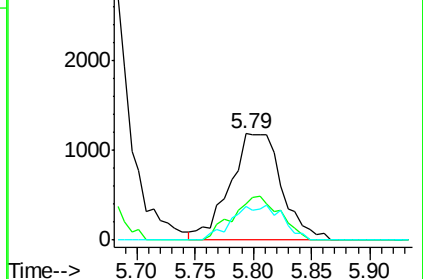
77 31.8 24.2 36.2

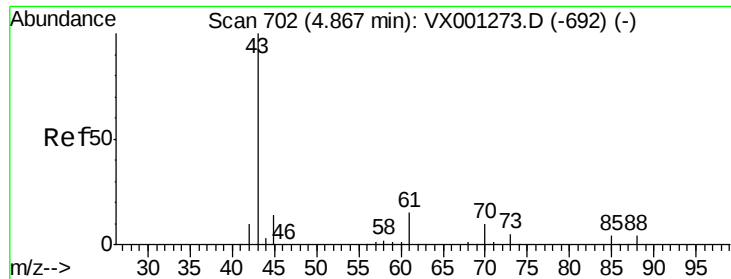


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

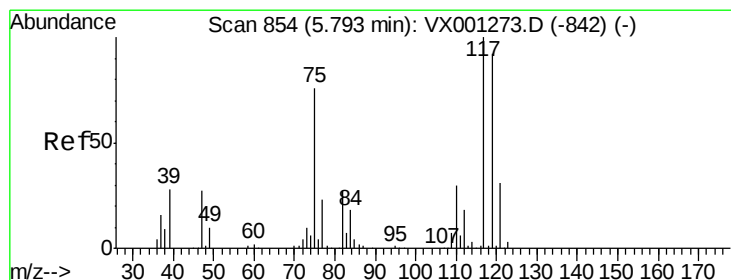
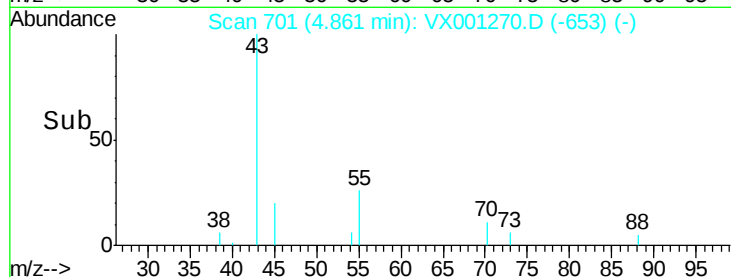
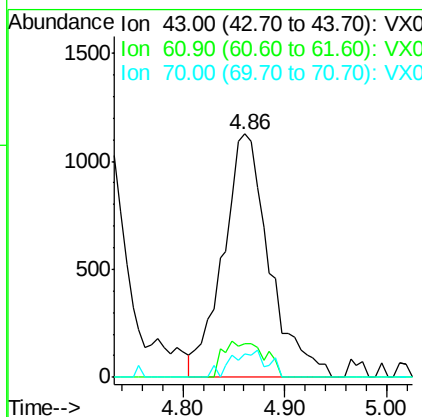
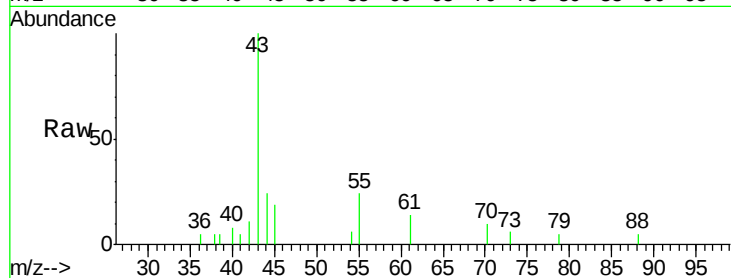




#37
Ethyl Acetate
Concen: 1.05 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

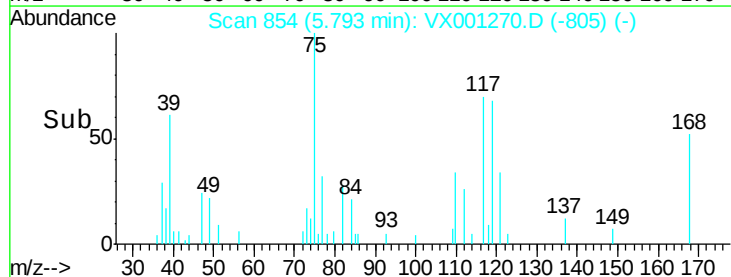
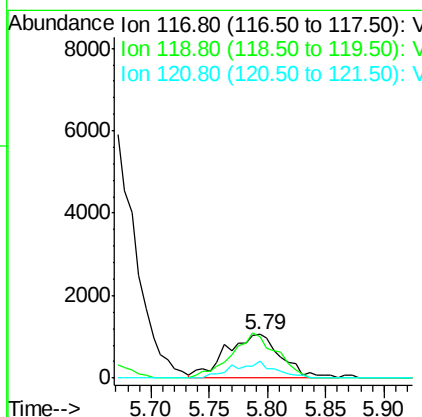
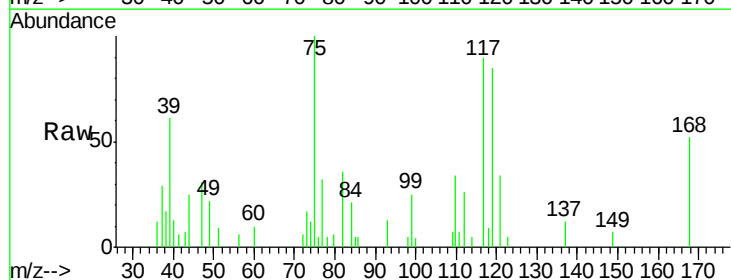
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion: 43 Resp: 3541
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 0.0 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 1.17 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 117 Resp: 3483
Ion Ratio Lower Upper
117 100
119 95.2 73.4 110.2
121 38.4 25.0 37.4#

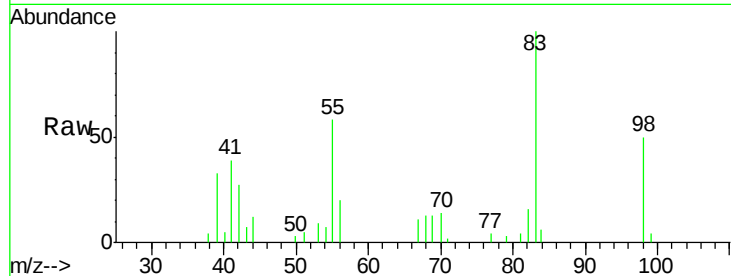




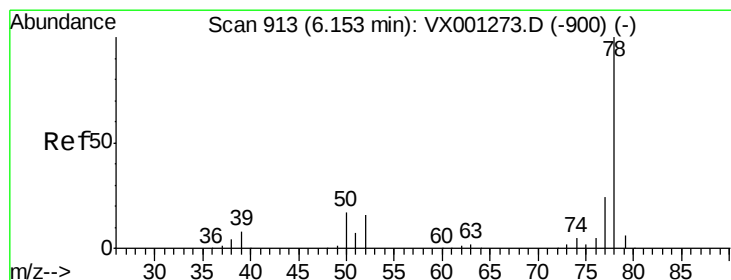
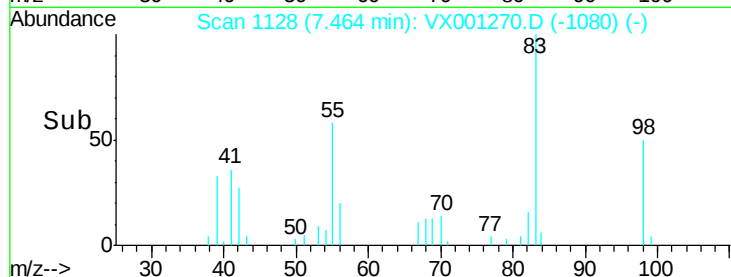
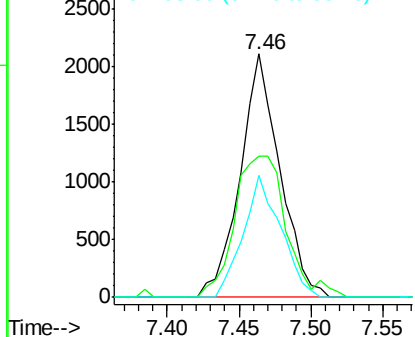
#39
Methylcyclohexane
Concen: 1.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion: 83 Resp: 4033
Ion Ratio Lower Upper
83 100
55 58.0 60.4 90.6#
98 50.1 37.0 55.6

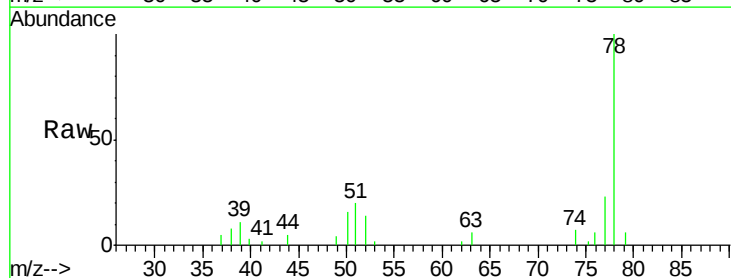


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

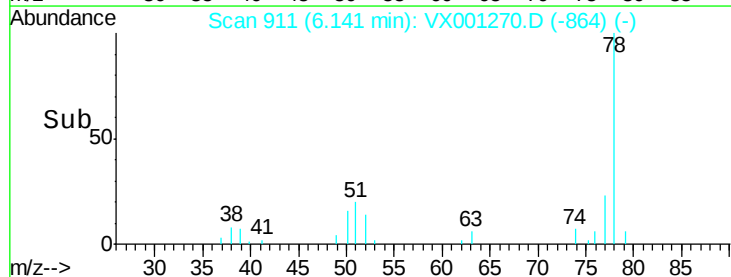
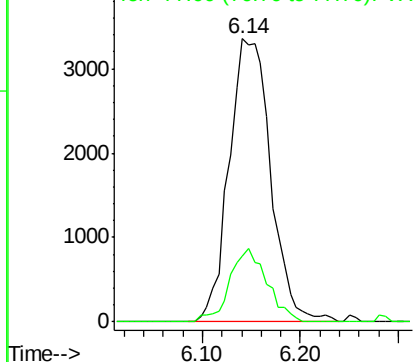


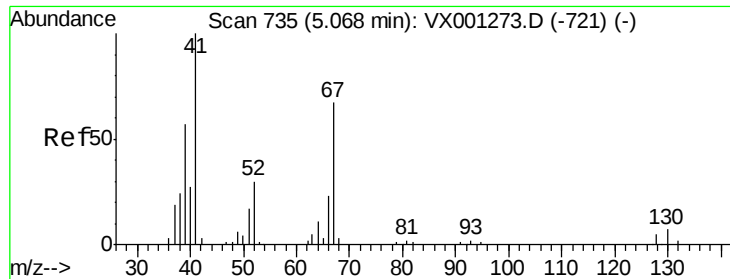
#40
Benzene
Concen: 1.19 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 78 Resp: 9877
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

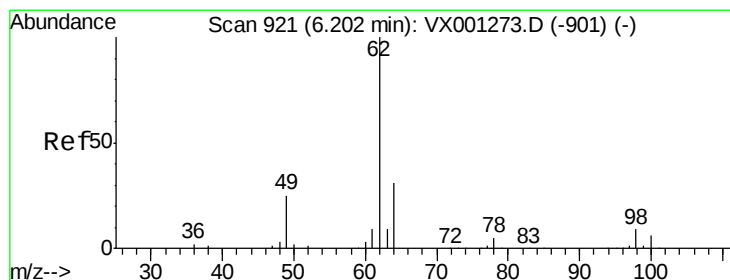
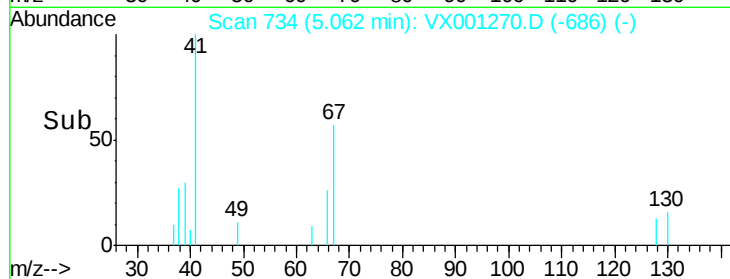
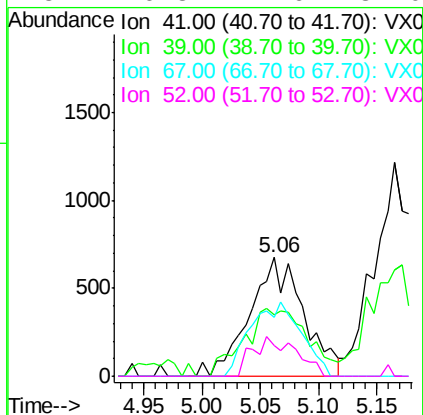
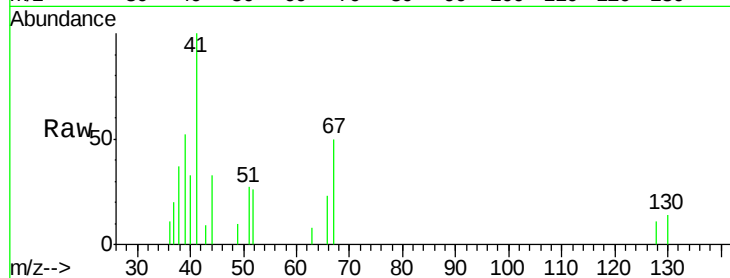




#41
Methacrylonitrile
Concen: 1.15 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

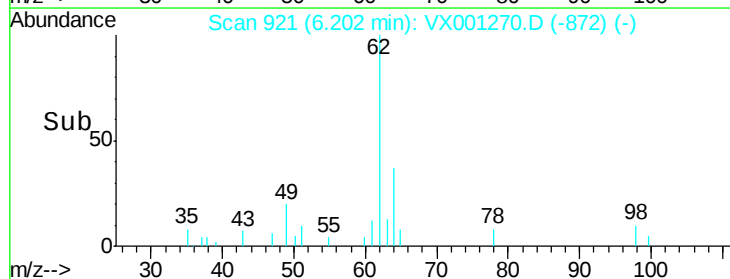
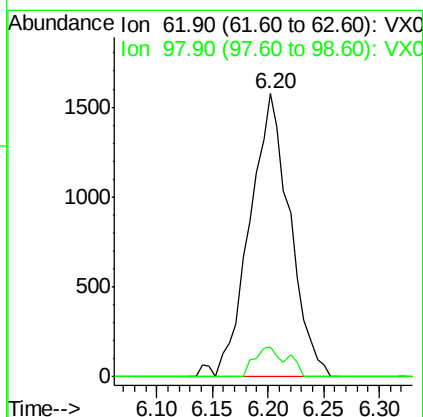
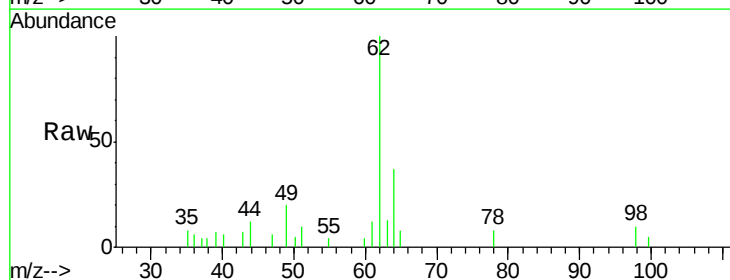
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

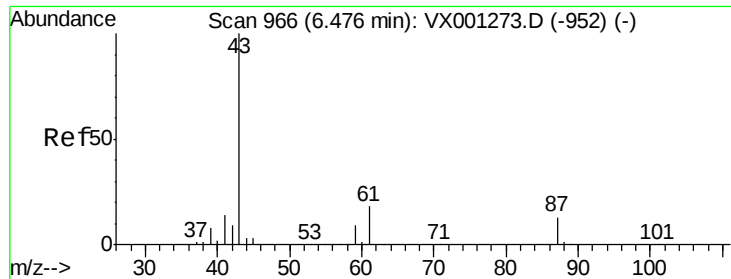
Tgt Ion:	41	Resp:	2170
Ion	Ratio	Lower	Upper
41	100		
39	67.7	45.8	68.8
67	59.0	54.8	82.2
52	26.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 1.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion:	62	Resp:	3977
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 0.96 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

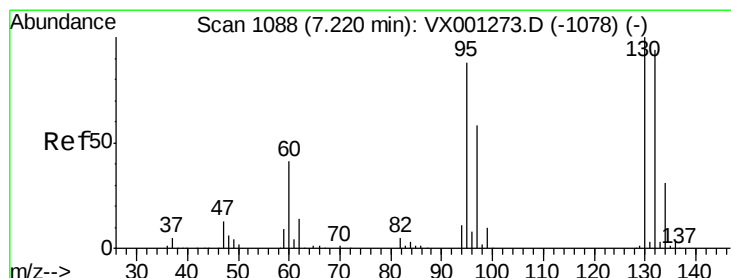
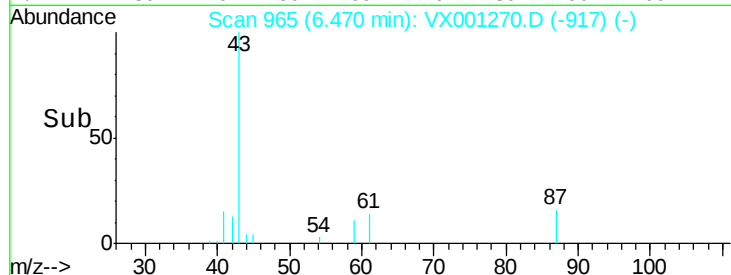
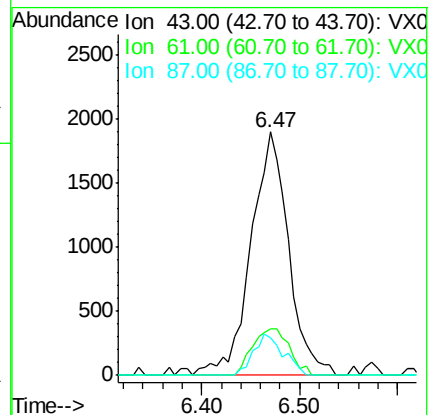
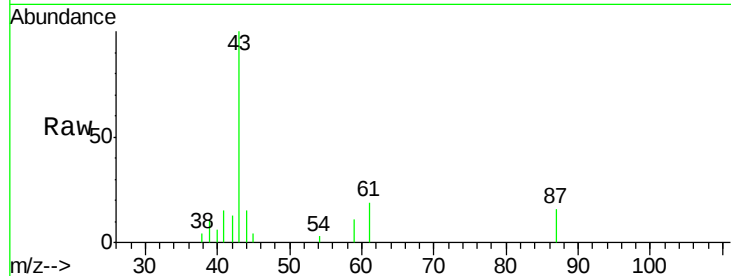
Tgt Ion: 43 Resp: 5081

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.4

87 13.4 10.2 15.4



#44

Trichloroethene

Concen: 1.25 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001270.D

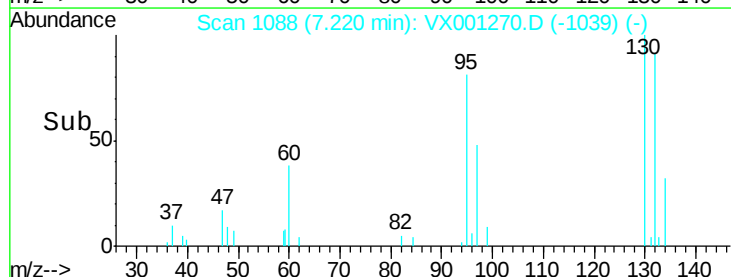
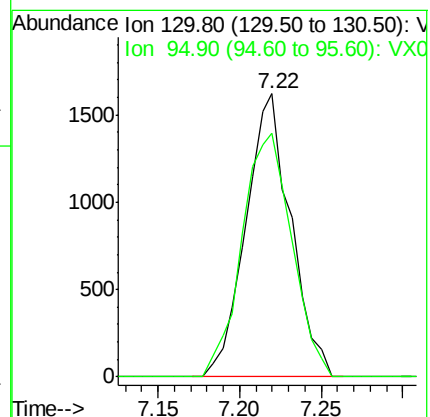
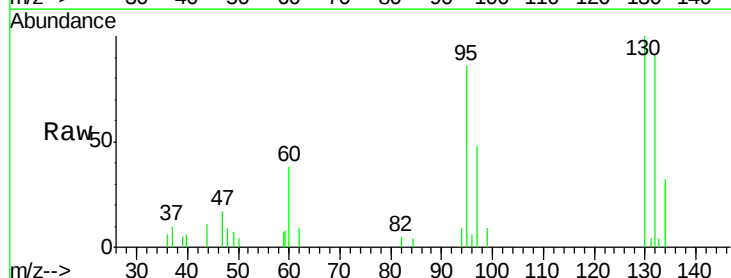
Acq: 01 May 2018 11:02

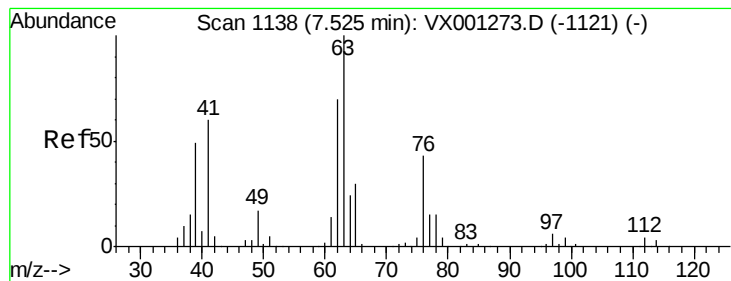
Tgt Ion: 130 Resp: 3109

Ion Ratio Lower Upper

130 100

95 86.1 0.0 176.0





#45

1,2-Dichloropropane

Concen: 1.15 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampled :

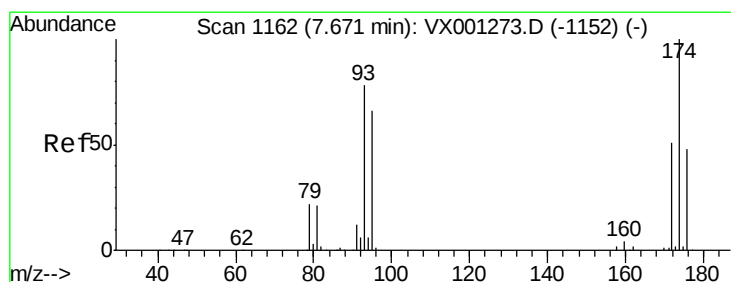
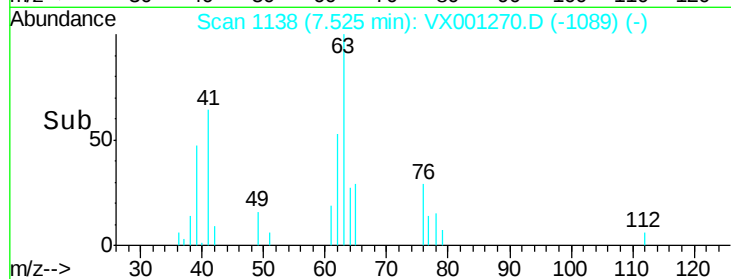
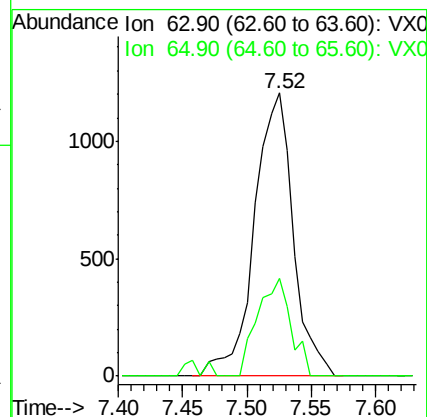
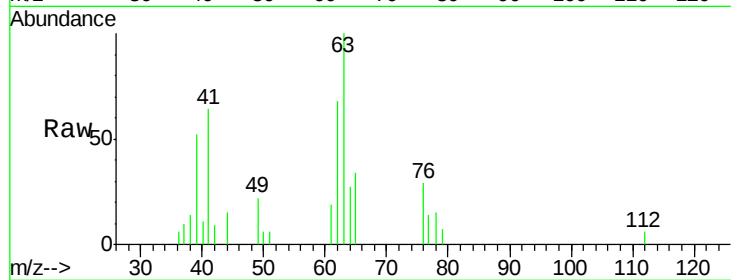
VSTDIC001

Tgt Ion: 63 Resp: 2514

Ion Ratio Lower Upper

63 100

65 34.4 24.2 36.4



#46

Dibromomethane

Concen: 1.16 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

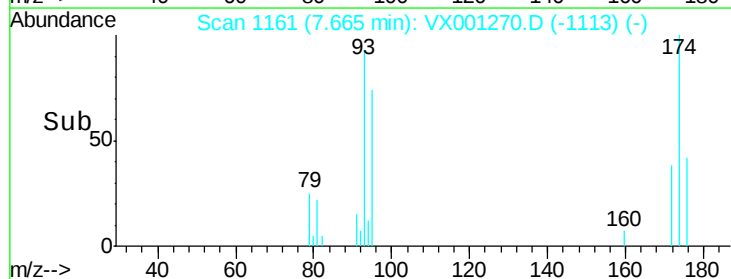
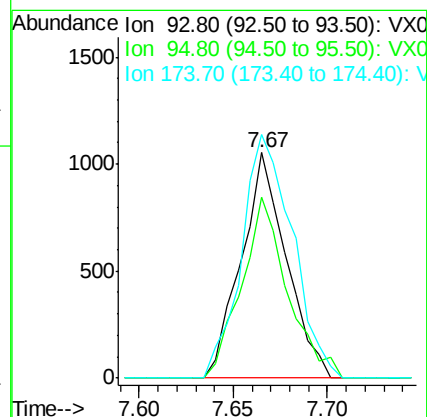
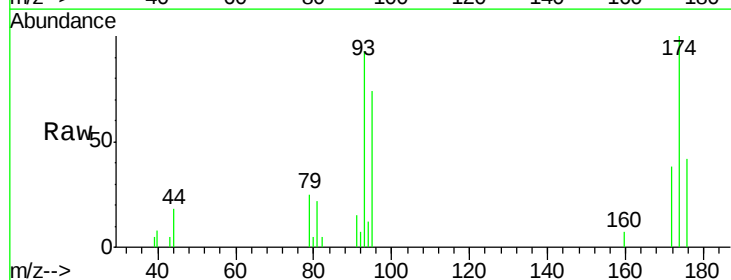
Tgt Ion: 93 Resp: 1744

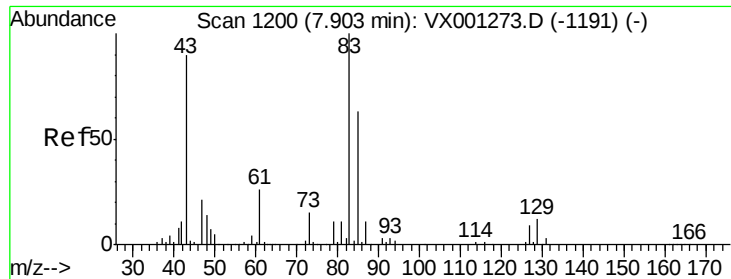
Ion Ratio Lower Upper

93 100

95 81.9 67.0 100.6

174 121.8 102.3 153.5





#47

Bromodichloromethane

Concen: 0.99 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

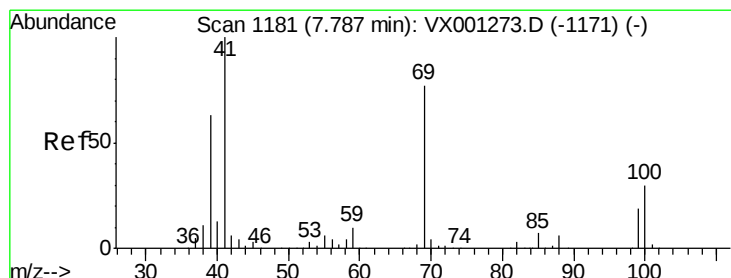
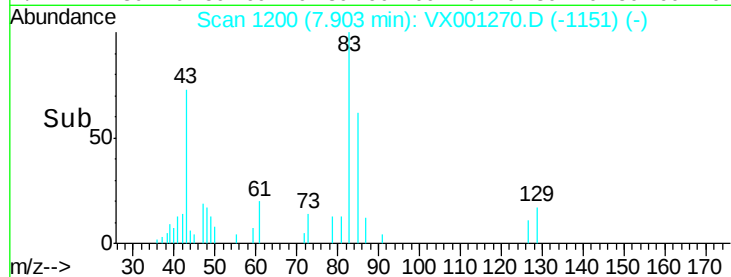
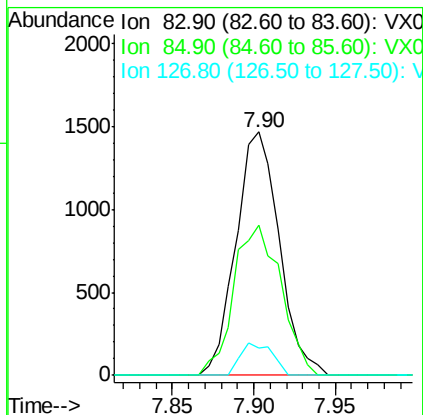
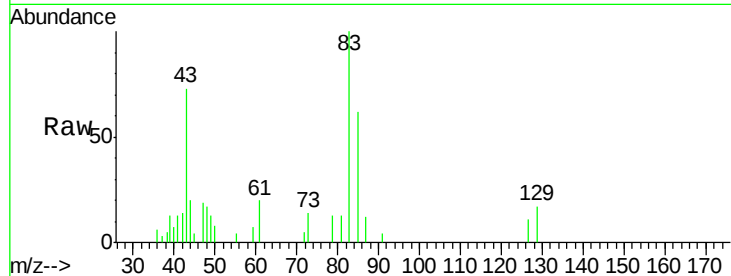
Tgt Ion: 83 Resp: 2719

Ion Ratio Lower Upper

83 100

85 61.6 50.3 75.5

127 11.4 7.4 11.2#



#48

Methyl methacrylate

Concen: 0.98 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

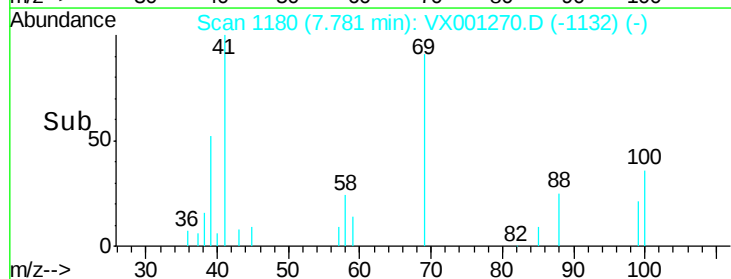
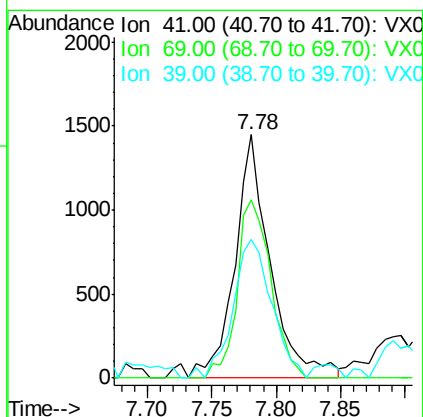
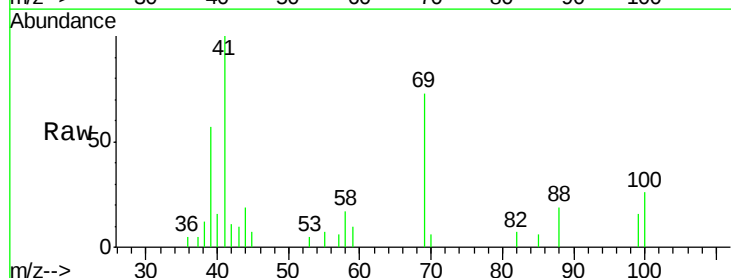
Tgt Ion: 41 Resp: 2772

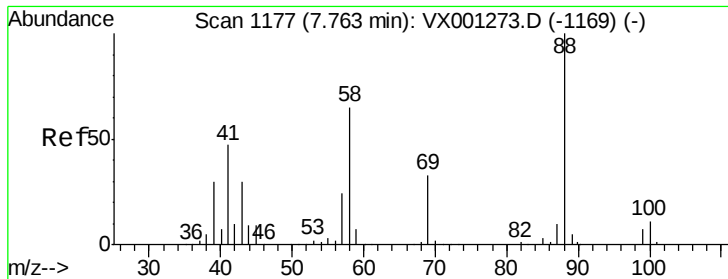
Ion Ratio Lower Upper

41 100

69 69.5 63.0 94.6

39 62.3 50.2 75.4

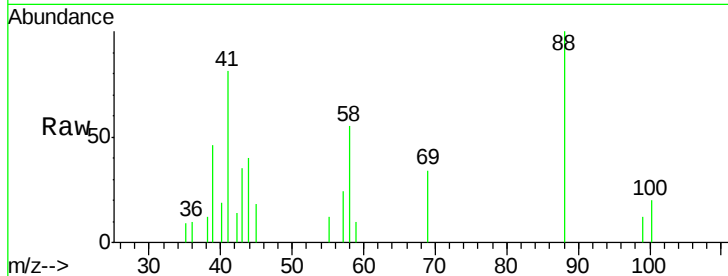




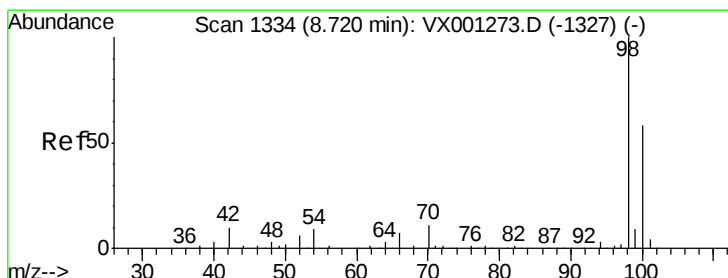
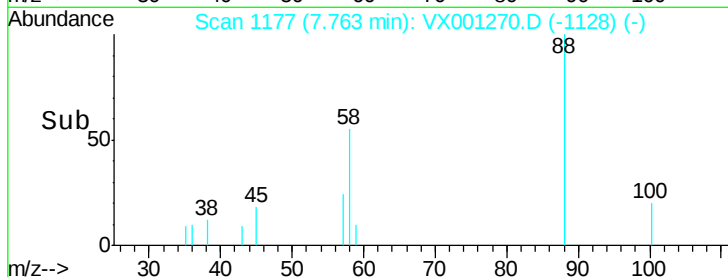
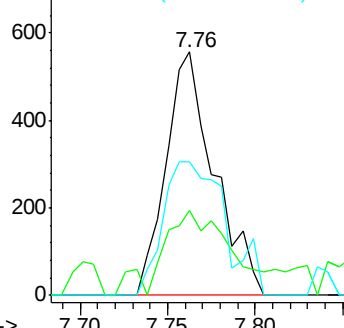
#49
1,4-Dioxane
Concen: 19.19 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 1072
Ion Ratio Lower Upper
88 100
43 48.9 27.9 41.9#
58 70.8 54.2 81.2

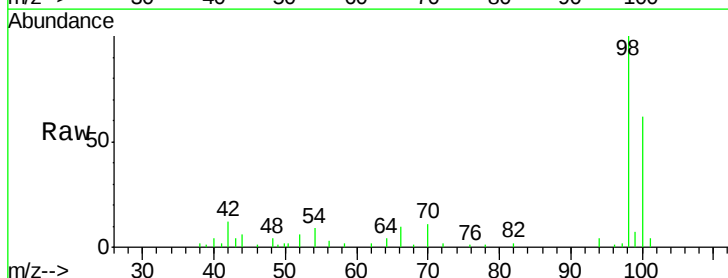


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

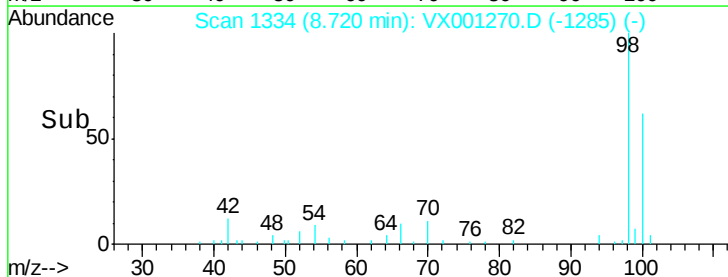
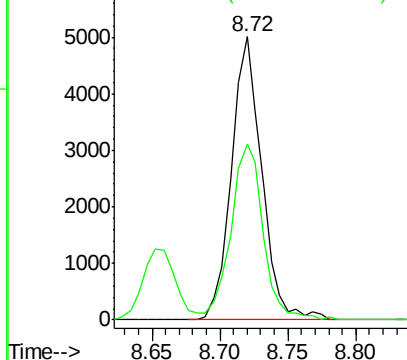


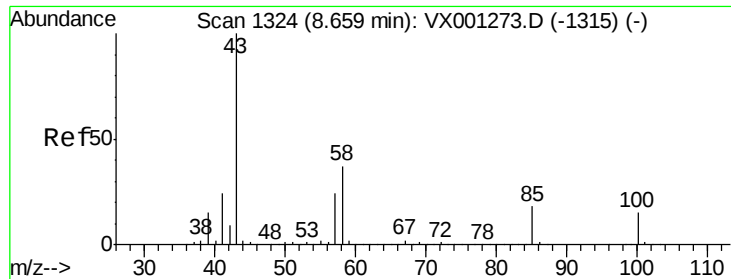
#50
Toluene-d8
Concen: 0.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 98 Resp: 7757
Ion Ratio Lower Upper
98 100
100 65.8 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: 4.26 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

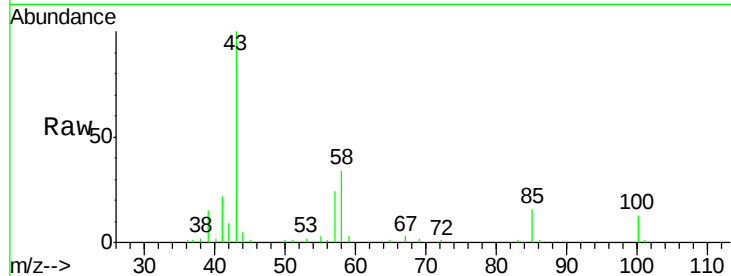
VSTDIC001

Tgt Ion: 43 Resp: 14825

Ion Ratio Lower Upper

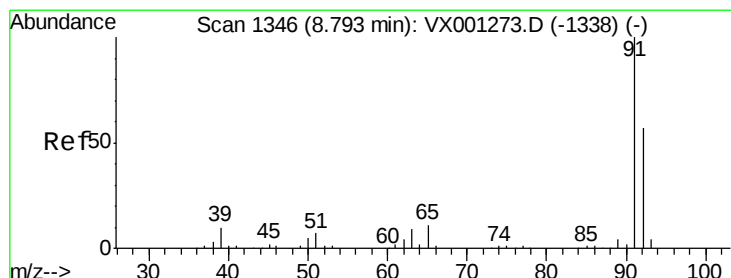
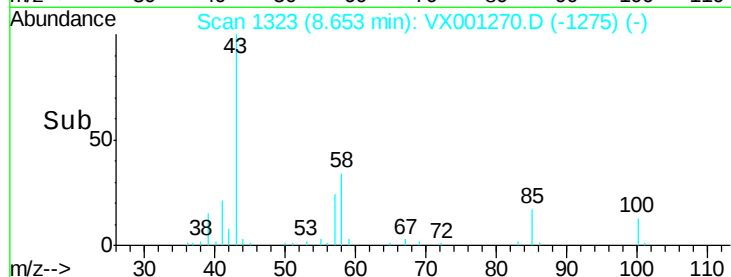
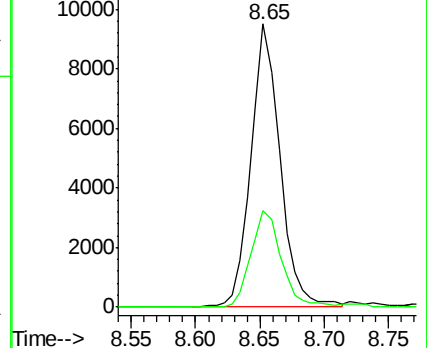
43 100

58 35.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.09 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001270.D

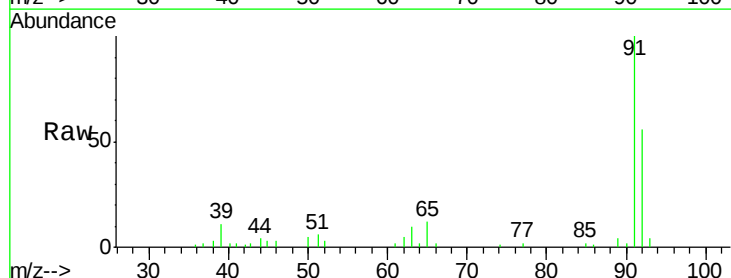
Acq: 01 May 2018 11:02

Tgt Ion: 92 Resp: 5918

Ion Ratio Lower Upper

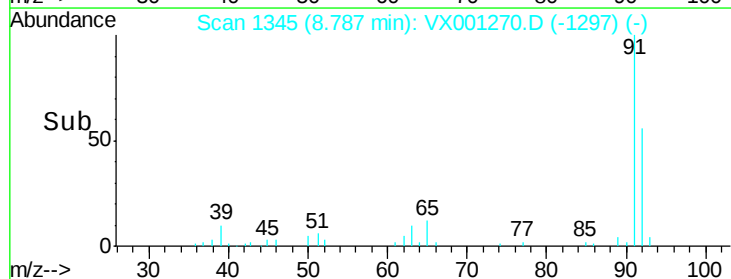
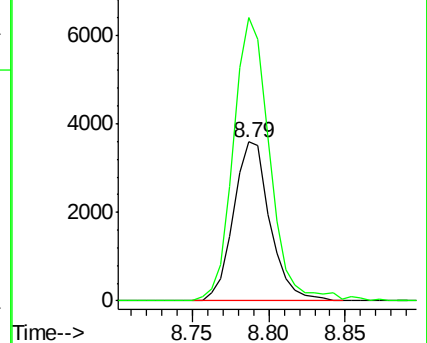
92 100

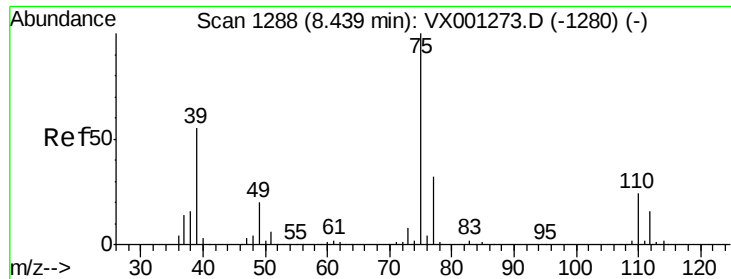
91 178.5 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

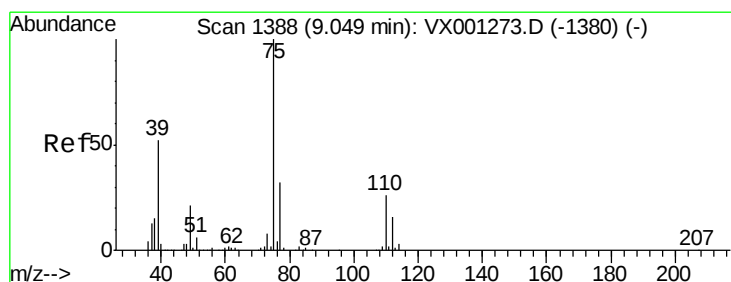
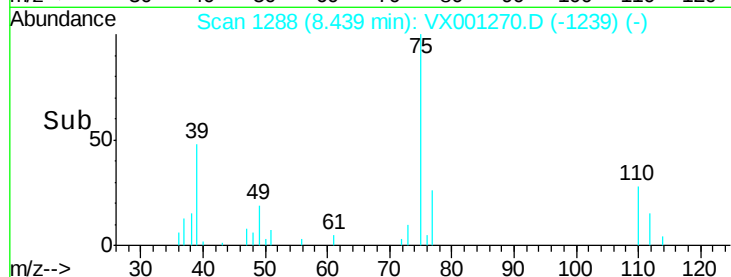
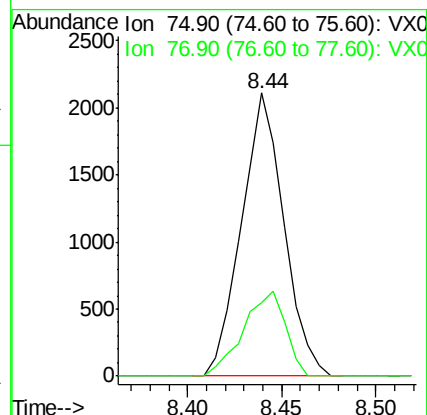
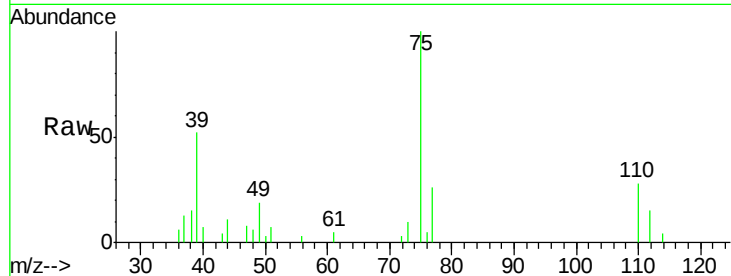




#53
t-1,3-Dichloropropene
Concen: 1.03 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

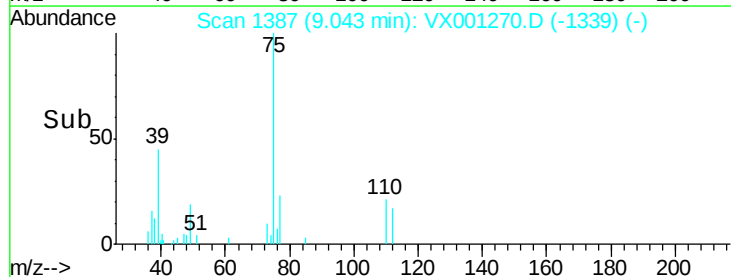
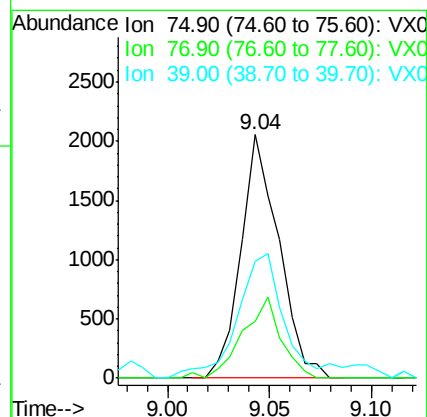
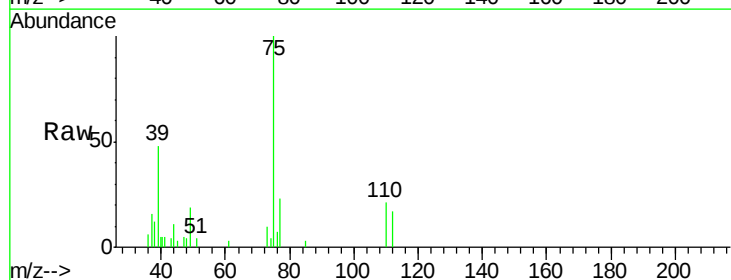
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

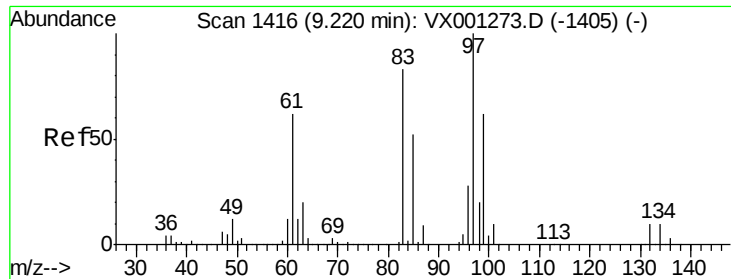
Tgt Ion: 75 Resp: 3288
Ion Ratio Lower Upper
75 100
77 26.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 0.89 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 75 Resp: 2645
Ion Ratio Lower Upper
75 100
77 23.4 25.5 38.3#
39 43.8 41.9 62.9

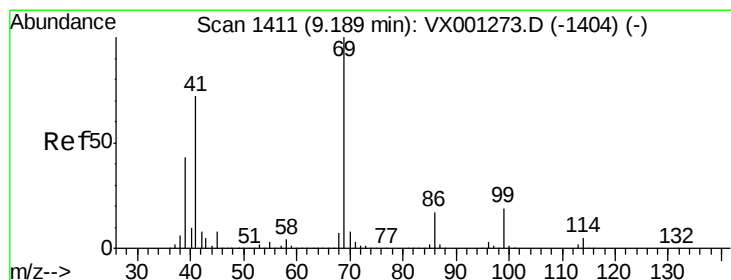
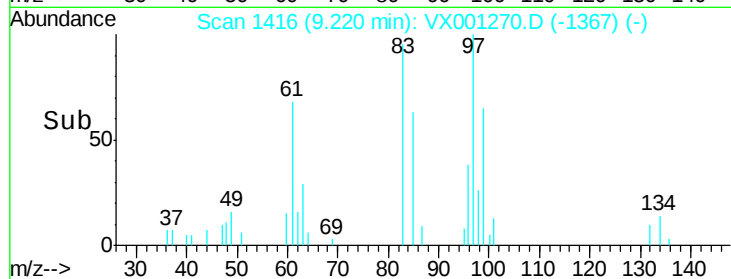
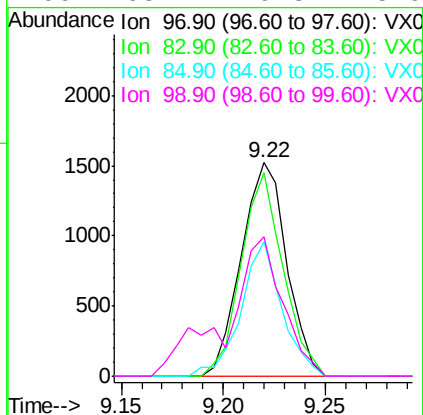
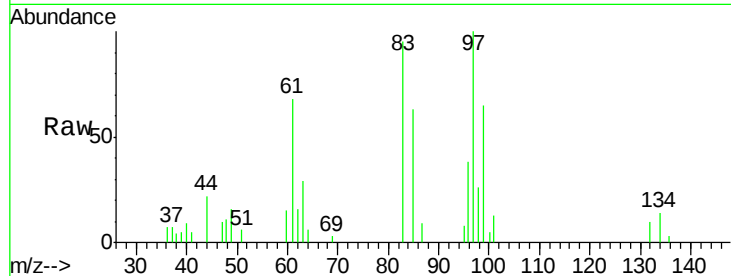




#55
 1,1,2-Trichloroethane
 Concen: 1.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

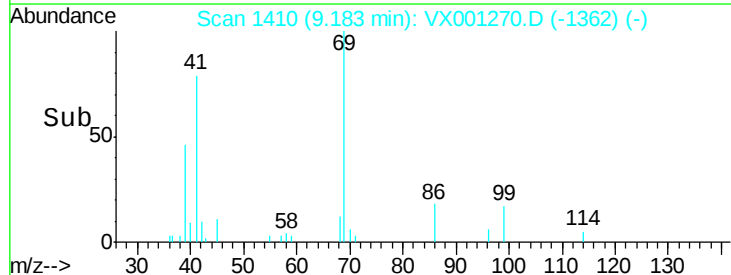
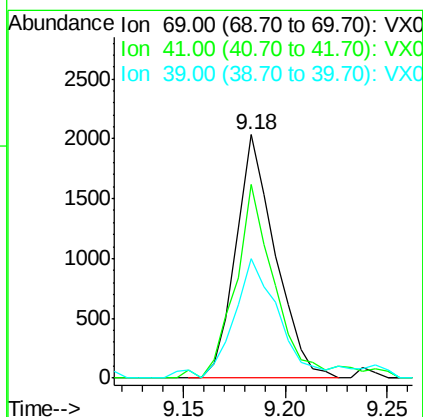
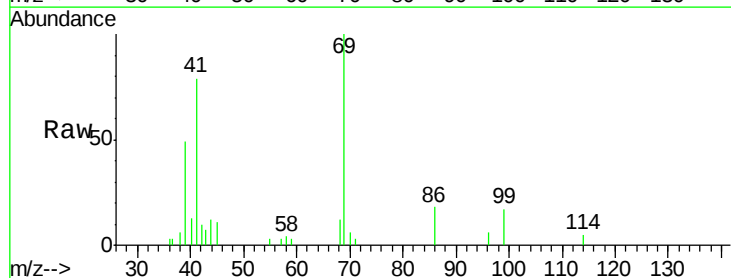
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

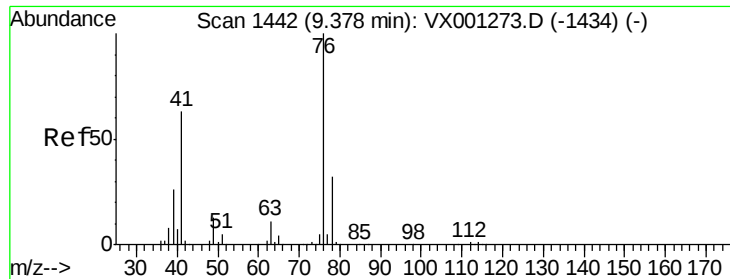
Tgt Ion:	97	Resp:	2346
Ion	Ratio	Lower	Upper
97	100		
83	95.1	66.4	99.6
85	63.1	41.6	62.4#
99	65.1	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 0.81 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion:	69	Resp:	2722
Ion	Ratio	Lower	Upper
69	100		
41	83.2	57.2	85.8
39	56.0	34.3	51.5#





#57

1,3-Dichloropropane

Concen: 1.04 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

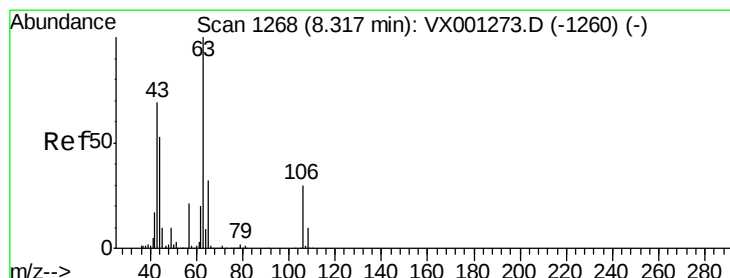
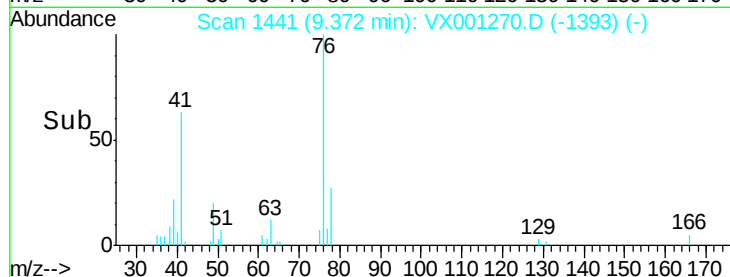
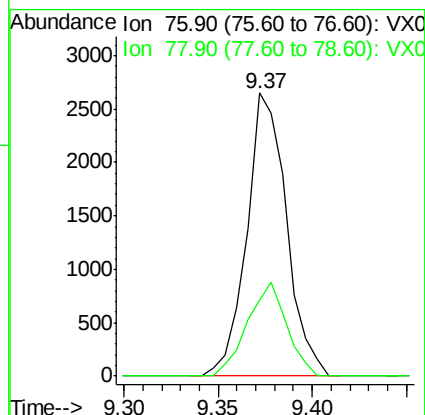
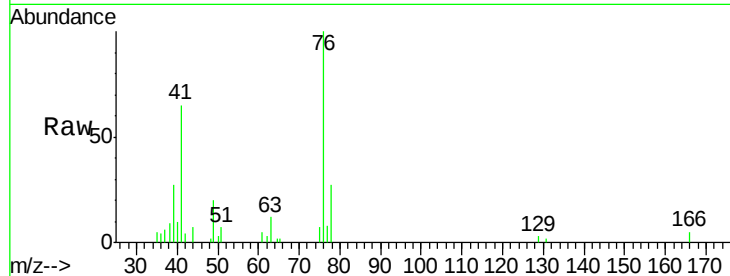
VSTDIC001

Tgt Ion: 76 Resp: 3863

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 4.46 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001270.D

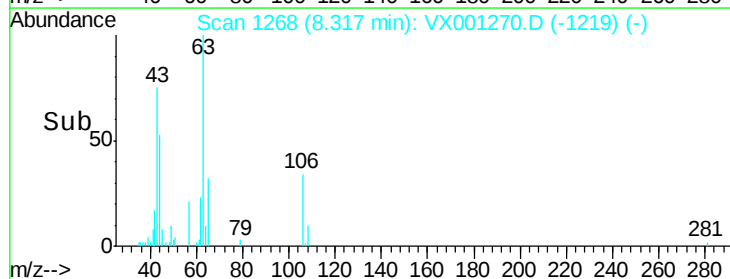
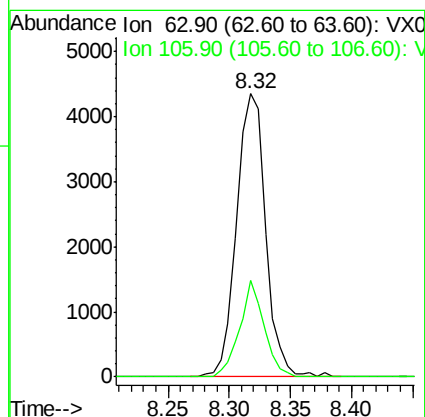
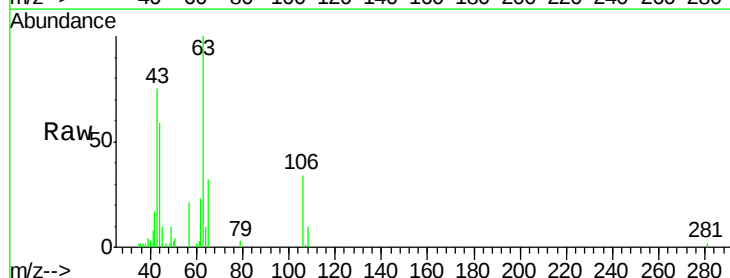
Acq: 01 May 2018 11:02

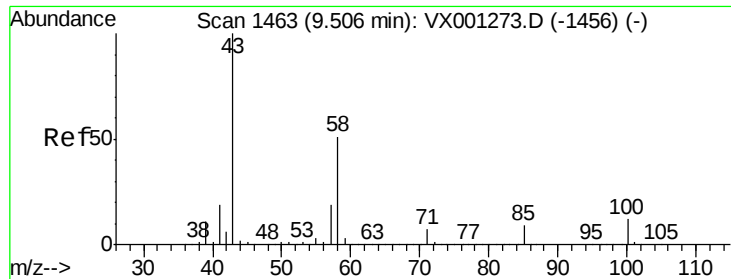
Tgt Ion: 63 Resp: 7135

Ion Ratio Lower Upper

63 100

106 28.6 23.8 35.6

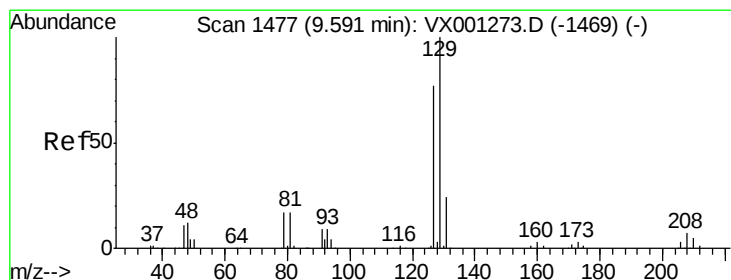
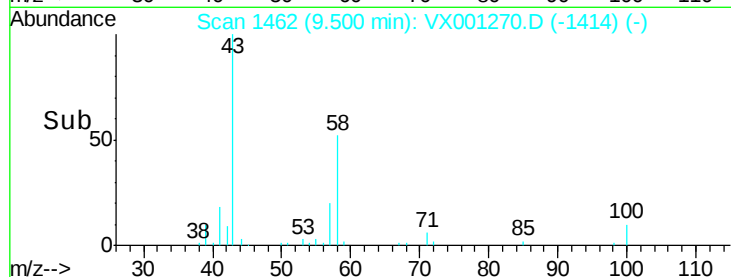
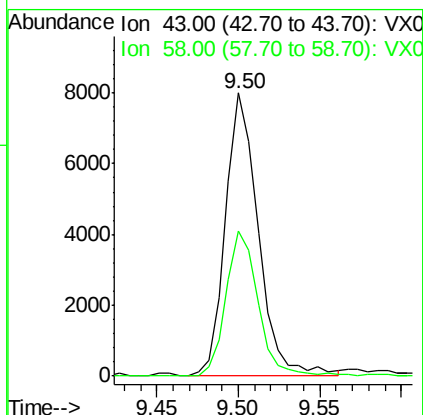
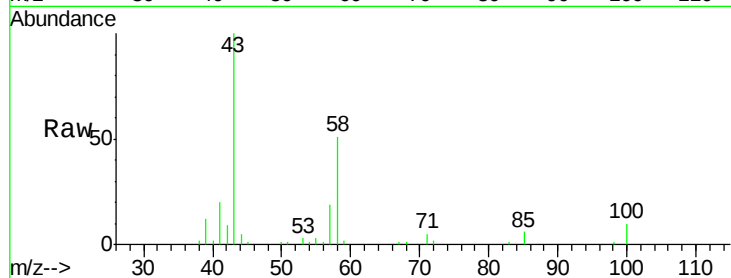




#59
2-Hexanone
Concen: 4.11 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

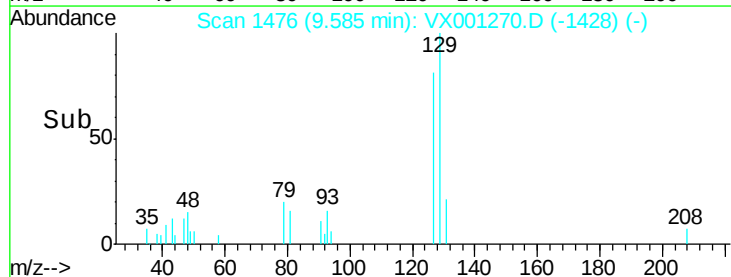
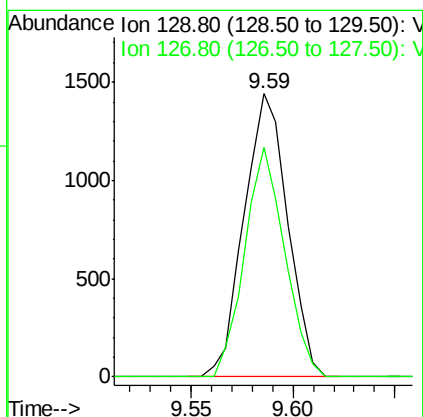
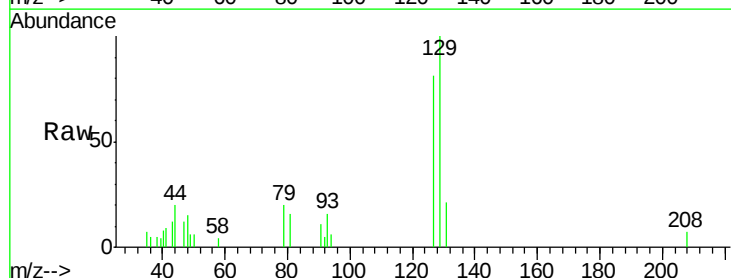
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

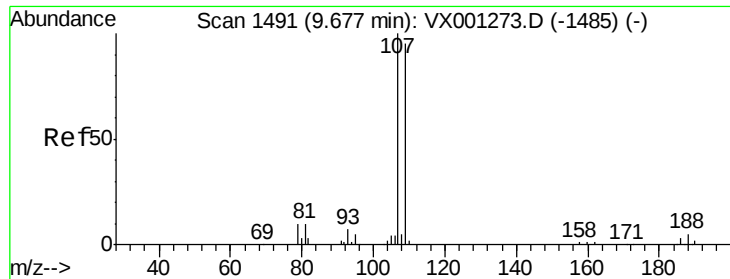
Tgt Ion: 43 Resp: 11248
Ion Ratio Lower Upper
43 100
58 49.9 25.7 77.0



#60
Dibromochloromethane
Concen: 0.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 129 Resp: 2138
Ion Ratio Lower Upper
129 100
127 74.6 39.1 117.3





#61

1,2-Dibromoethane

Concen: 1.04 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

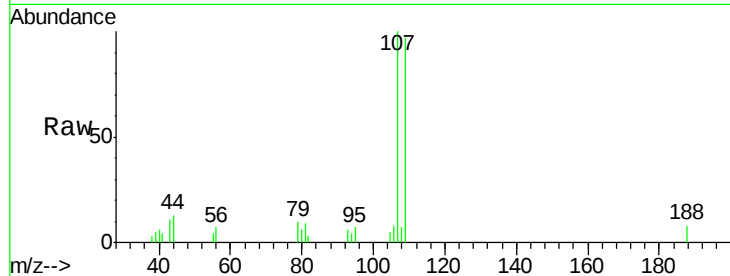
VSTDIC001

Tgt Ion: 107 Resp: 2492

Ion Ratio Lower Upper

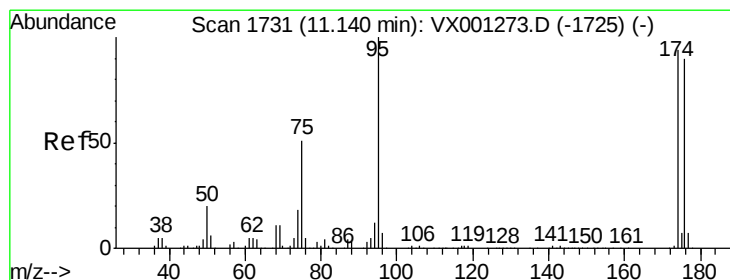
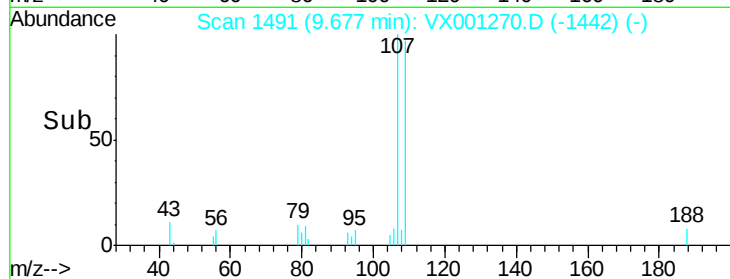
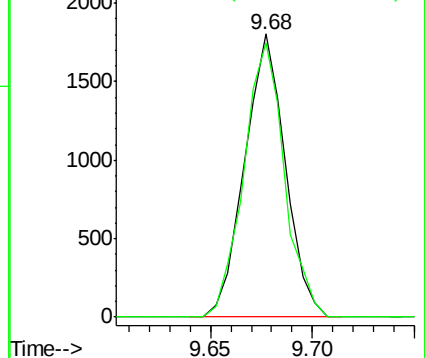
107 100

109 97.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

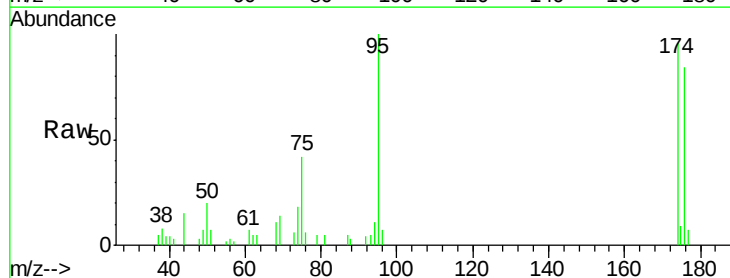
Tgt Ion: 95 Resp: 3238

Ion Ratio Lower Upper

95 100

174 103.2 0.0 201.8

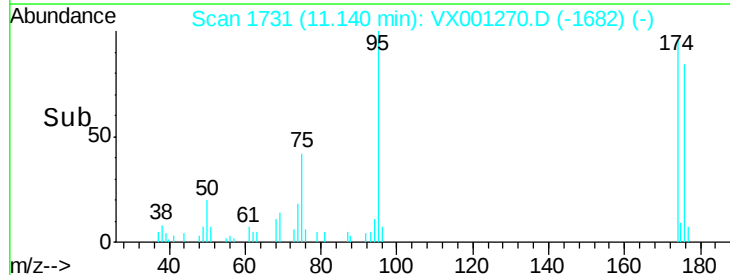
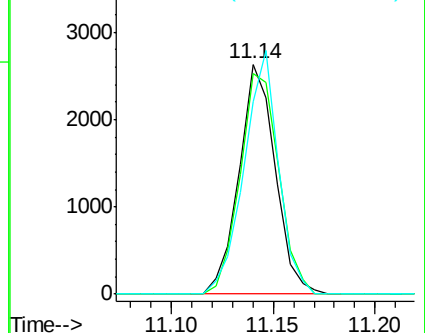
176 100.6 0.0 197.2

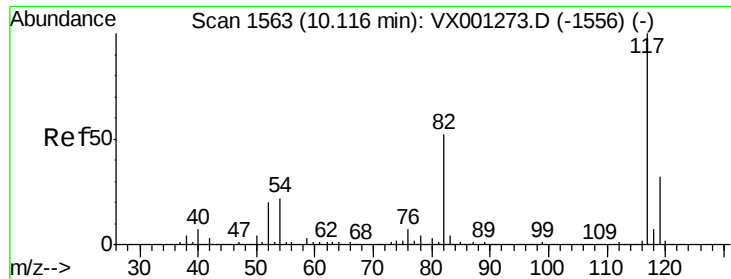


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

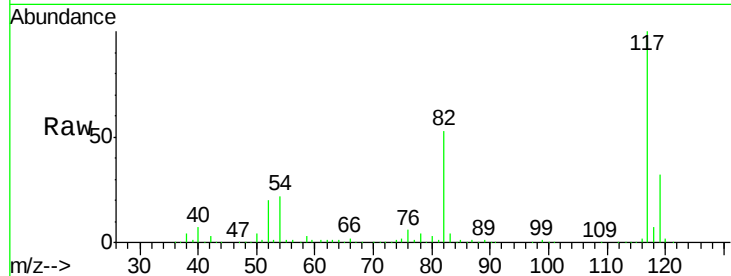




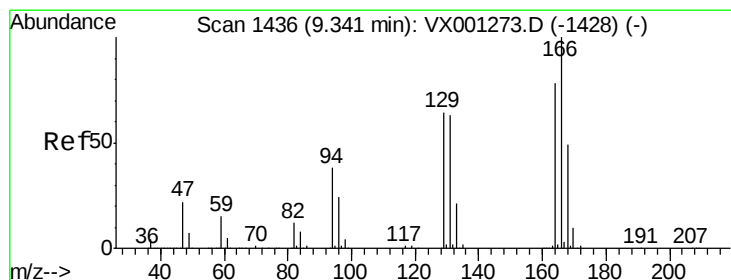
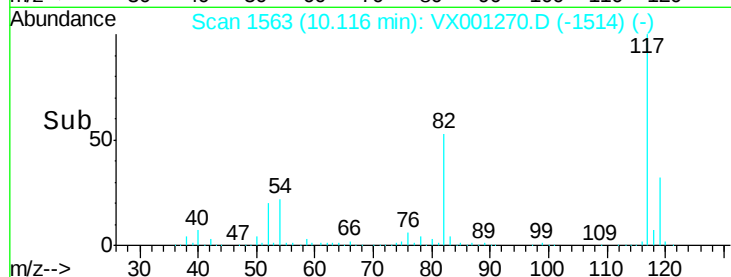
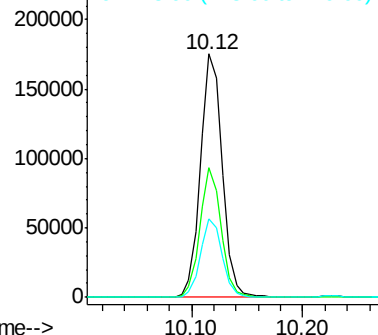
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 238114
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.0
119 32.0 25.5 38.3

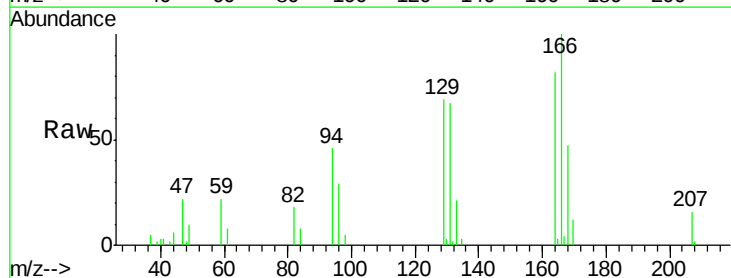


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

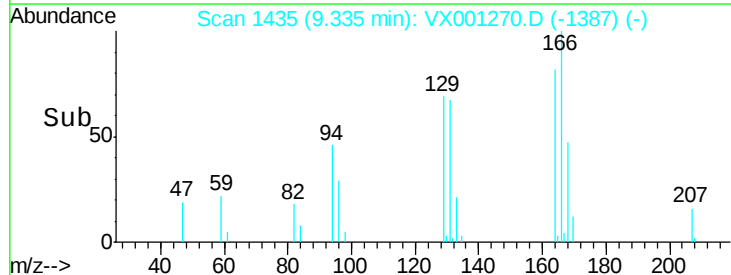
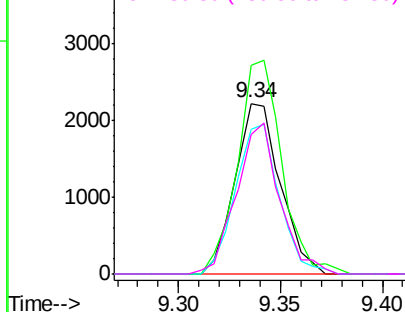


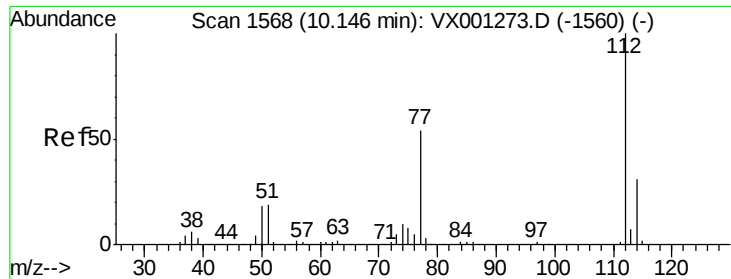
#64
Tetrachloroethene
Concen: 1.32 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion:164 Resp: 3420
Ion Ratio Lower Upper
164 100
166 122.2 102.3 153.5
129 84.7 65.1 97.7
131 82.1 64.2 96.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.18 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

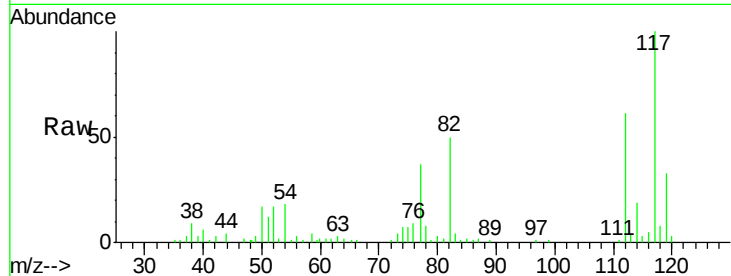
VSTDIC001

Tgt Ion:112 Resp: 7401

Ion Ratio Lower Upper

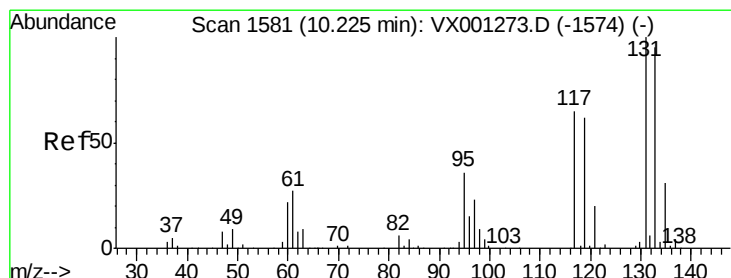
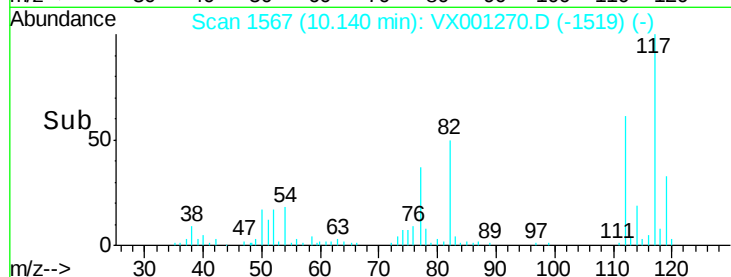
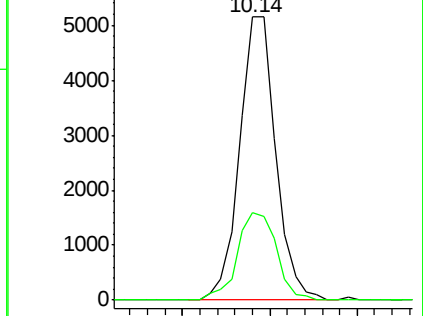
112 100

114 31.0 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.96 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

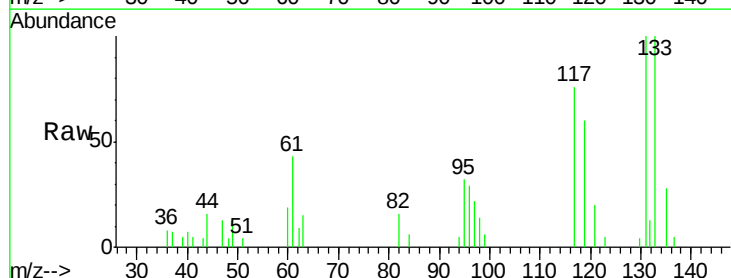
Tgt Ion:131 Resp: 2088

Ion Ratio Lower Upper

131 100

133 94.9 48.3 144.9

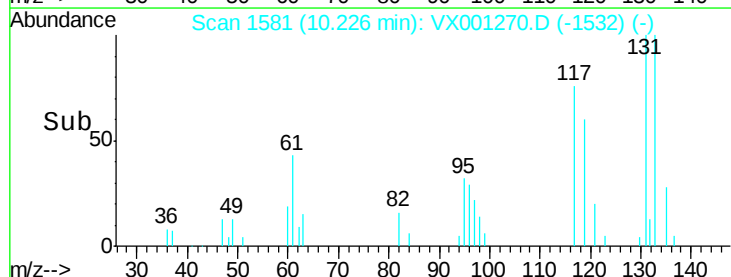
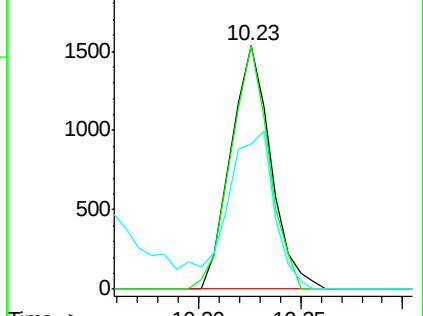
119 0.0 31.2 93.6#

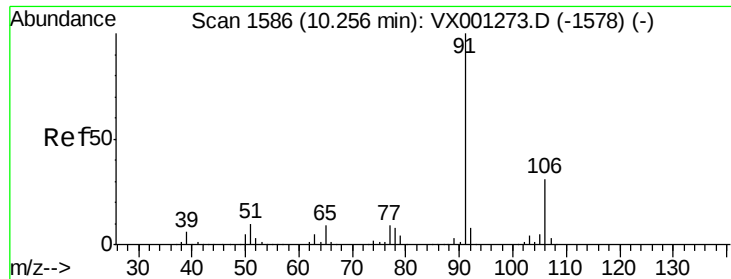


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

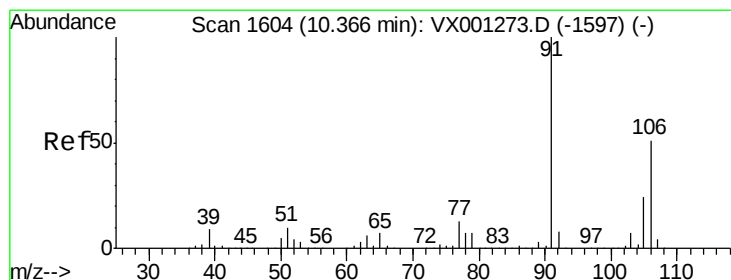
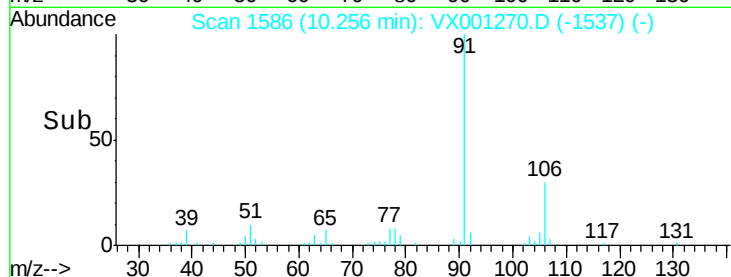
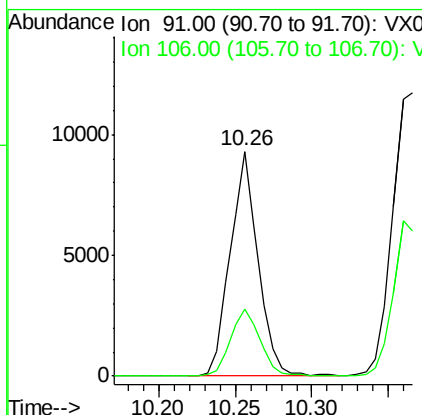
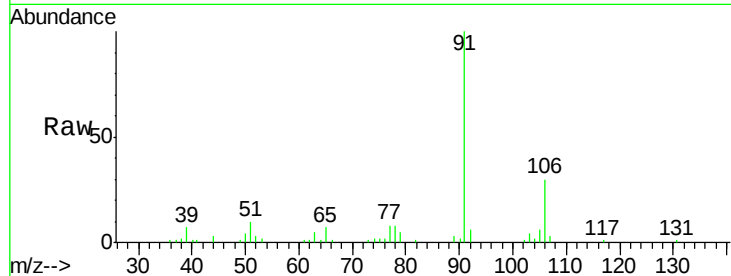




#67
Ethyl Benzene
Concen: 1.15 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

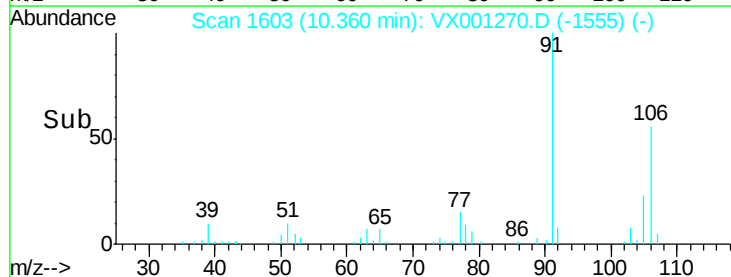
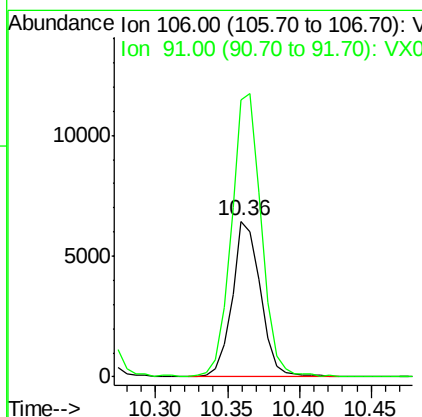
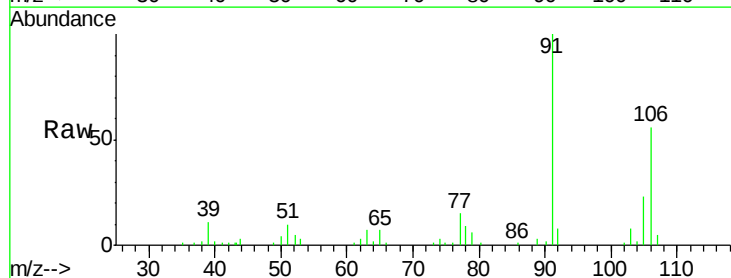
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

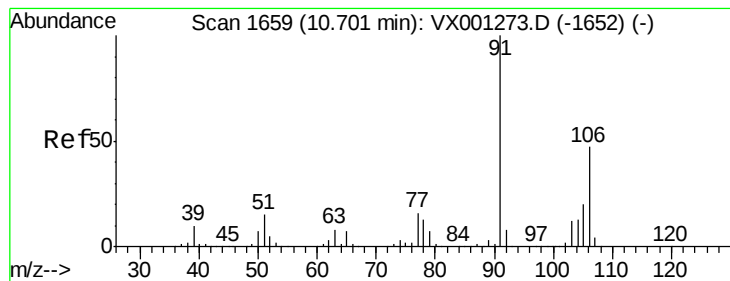
Tgt Ion: 91 Resp: 11729
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3



#68
m/p-Xylenes
Concen: 2.19 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001270.D
Acq: 01 May 2018 11:02

Tgt Ion: 106 Resp: 8880
Ion Ratio Lower Upper
106 100
91 191.0 159.4 239.2





#69

o-Xylene

Concen: 1.10 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

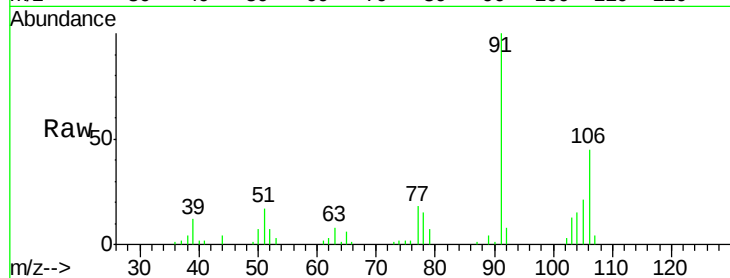
VSTDIC001

Tgt Ion:106 Resp: 4312

Ion Ratio Lower Upper

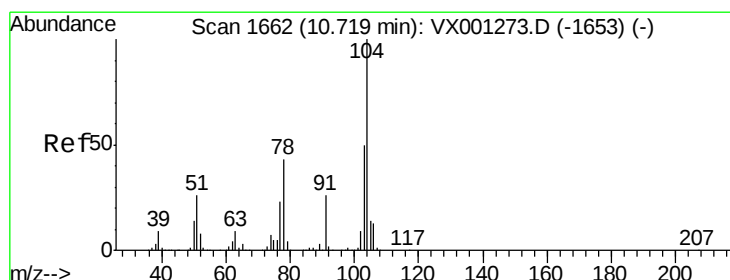
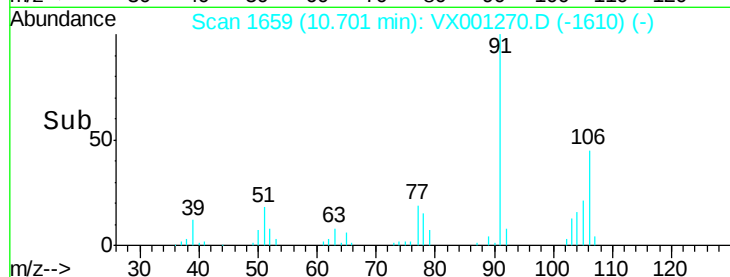
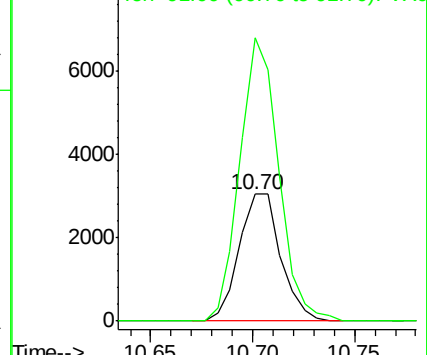
106 100

91 208.3 106.3 319.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 1.03 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

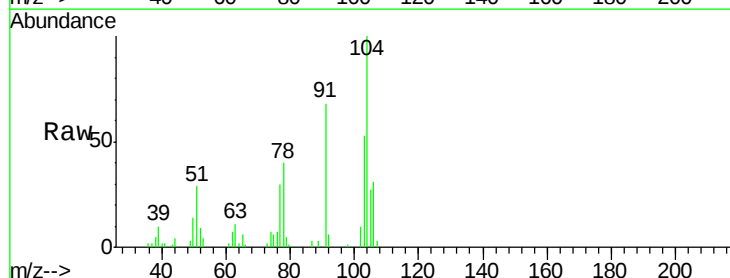
Tgt Ion:104 Resp: 6721

Ion Ratio Lower Upper

104 100

78 50.1 40.1 60.1

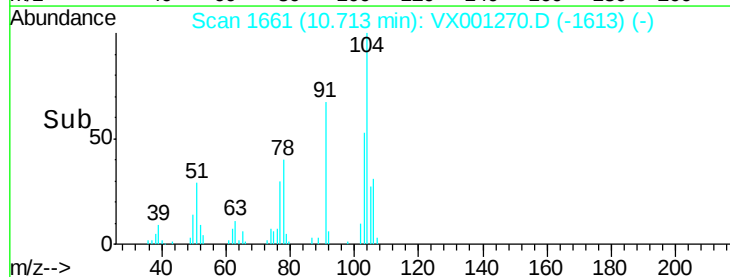
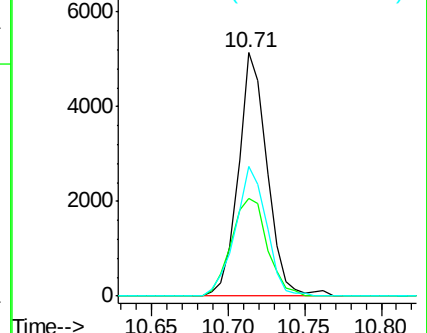
103 57.5 44.5 66.7

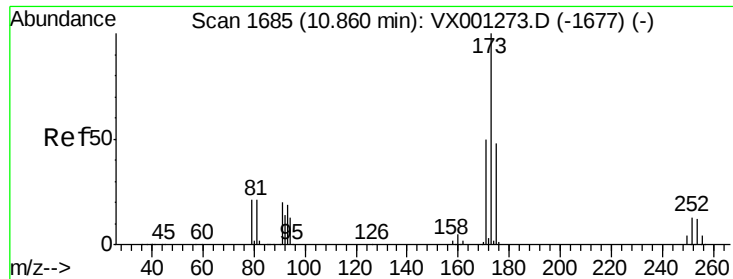


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.89 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

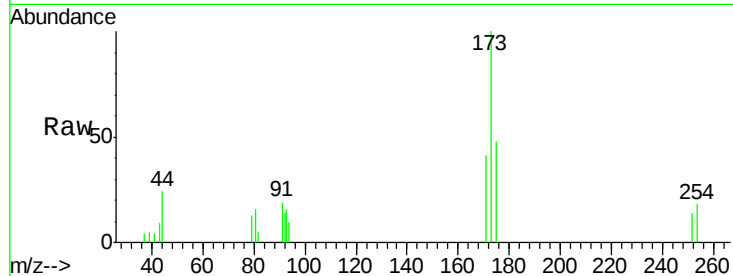
Tgt Ion:173 Resp: 1682

Ion Ratio Lower Upper

173 100

175 50.1 24.6 74.0

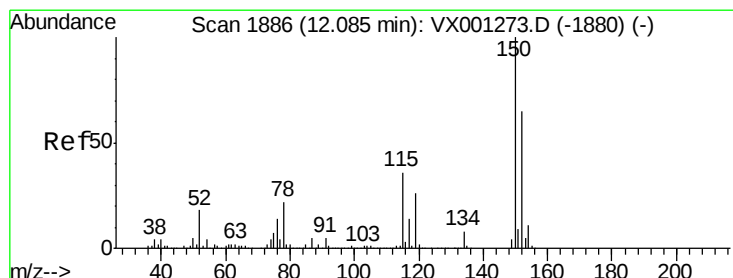
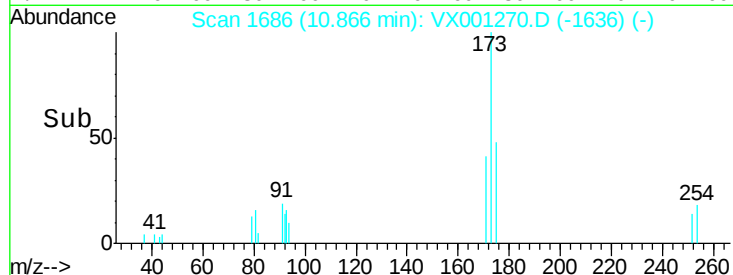
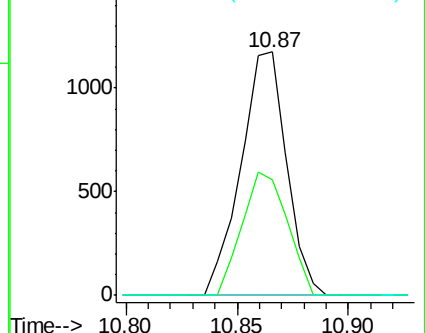
254 0.0 0.2 0.2#



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

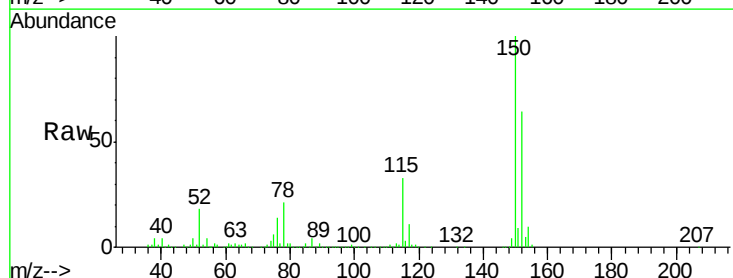
Tgt Ion:152 Resp: 151271

Ion Ratio Lower Upper

152 100

115 53.3 38.6 115.7

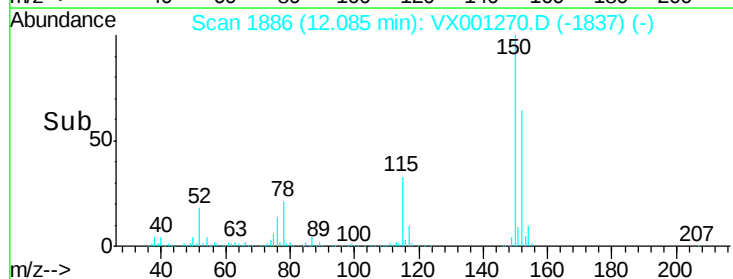
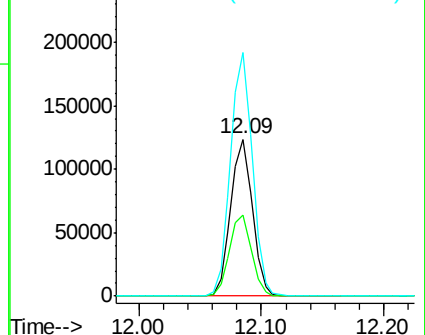
150 156.1 0.0 349.2

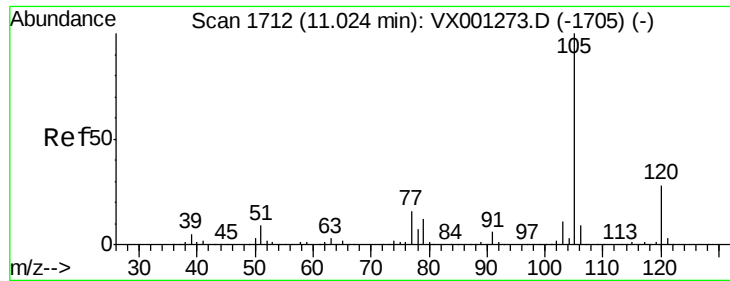


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.16 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

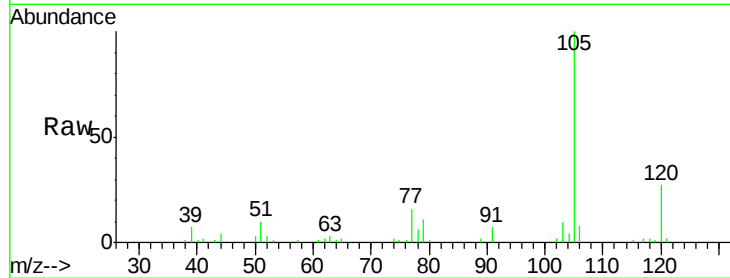
VSTDIC001

Tgt Ion: 105 Resp: 11472

Ion Ratio Lower Upper

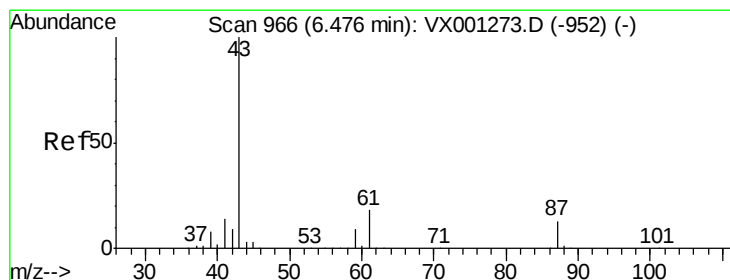
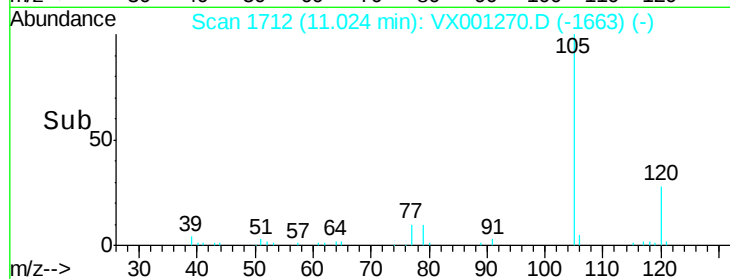
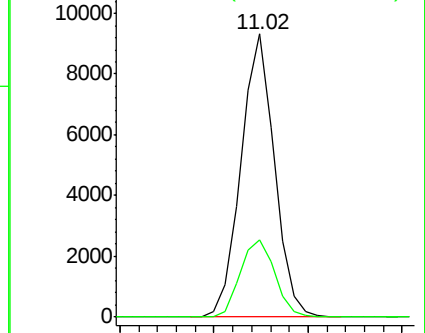
105 100

120 28.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Tgt Ion: 43 Resp: 5081

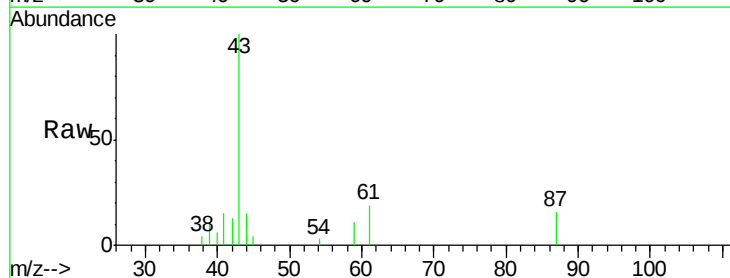
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.8 0.1 0.1#

61 18.9 15.0 22.4

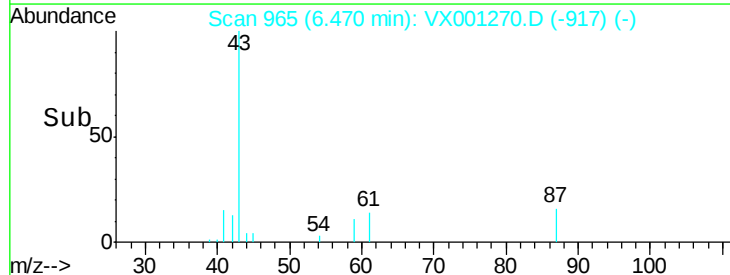
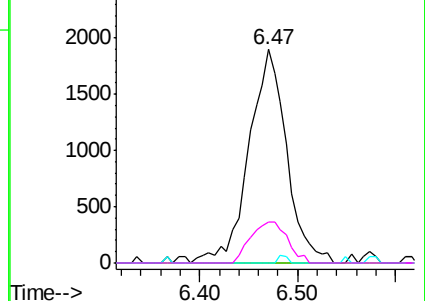


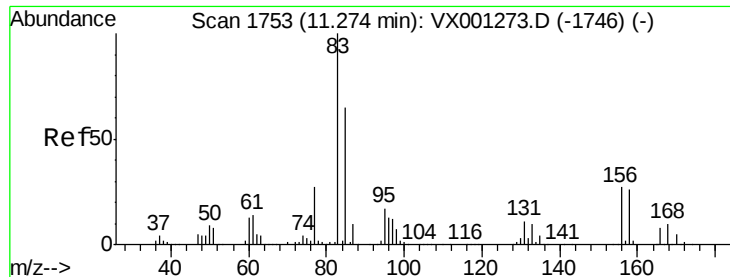
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.07 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

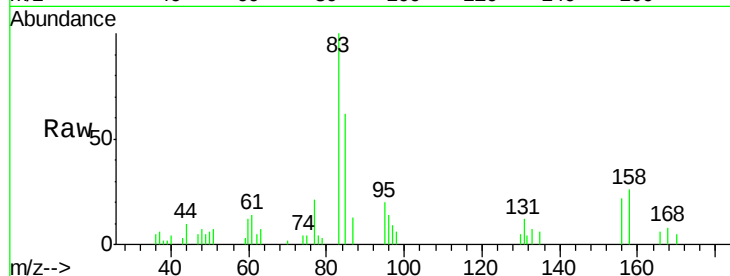
Tgt Ion: 83 Resp: 3453

Ion Ratio Lower Upper

83 100

131 11.0 5.8 17.3

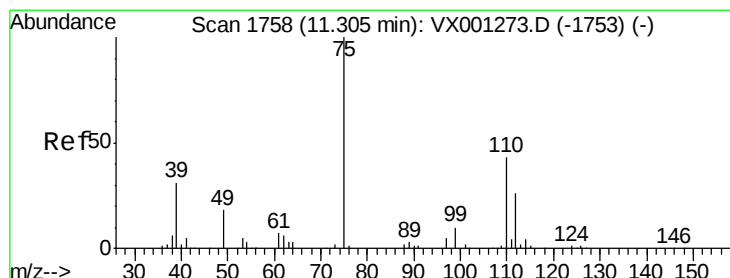
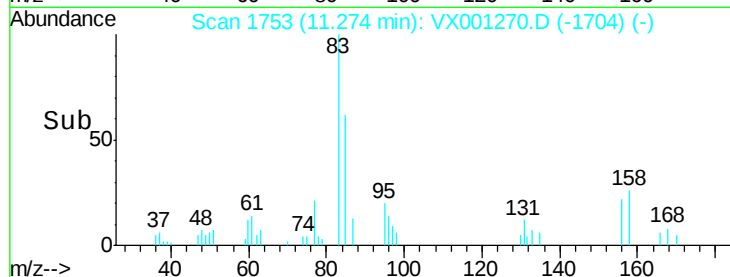
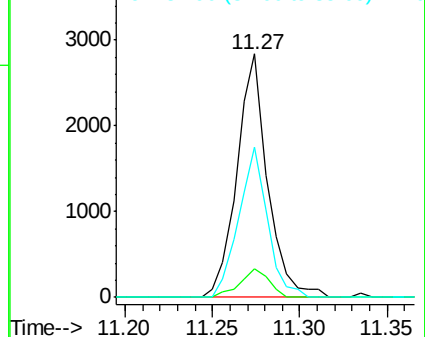
85 57.6 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.23 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001270.D

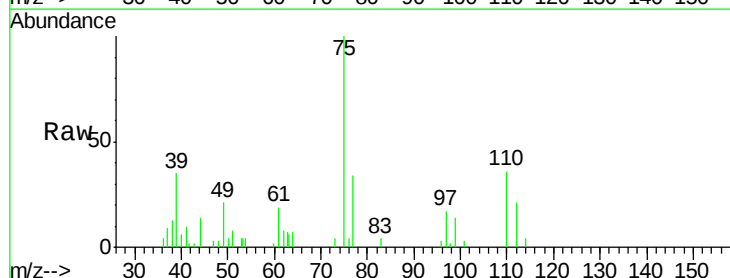
Acq: 01 May 2018 11:02

Tgt Ion: 75 Resp: 3744

Ion Ratio Lower Upper

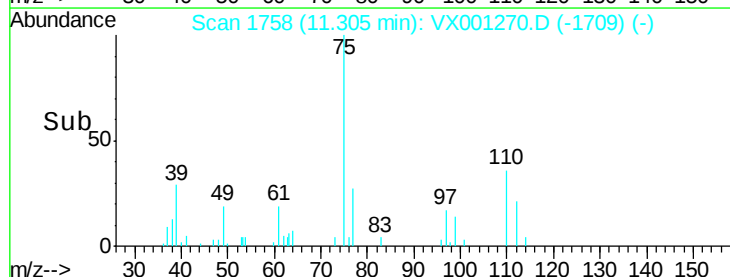
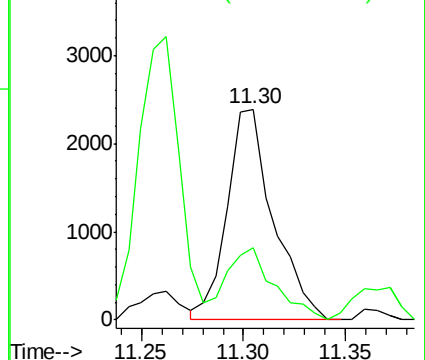
75 100

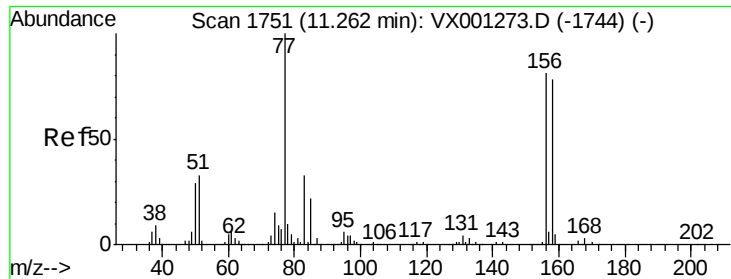
77 35.5 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

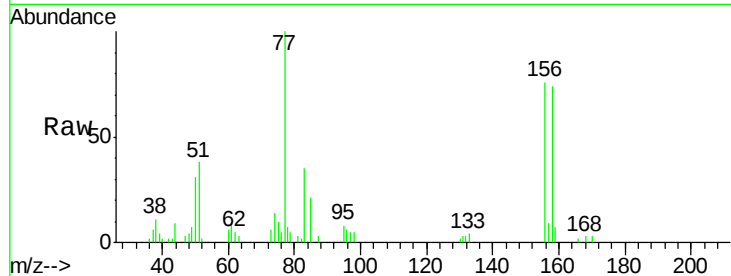
Tgt Ion: 156 Resp: 3272

Ion Ratio Lower Upper

156 100

77 136.8 65.3 195.8

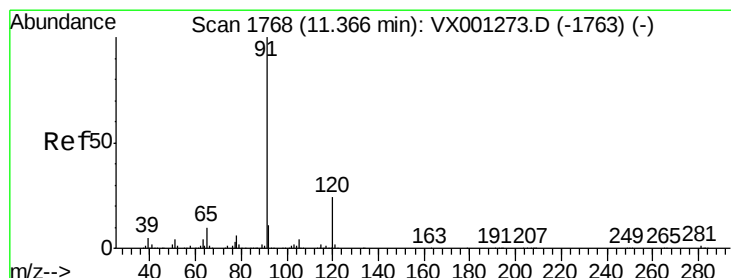
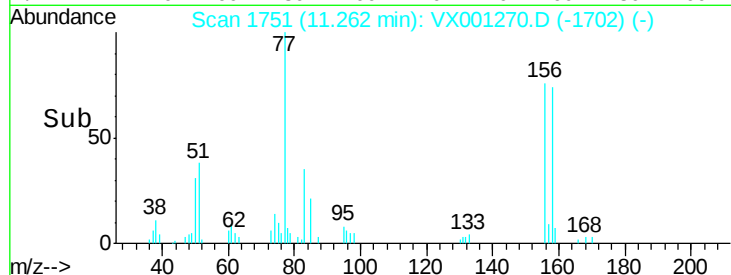
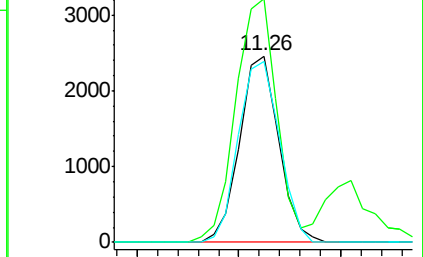
158 101.9 48.5 145.5



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: 1.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001270.D

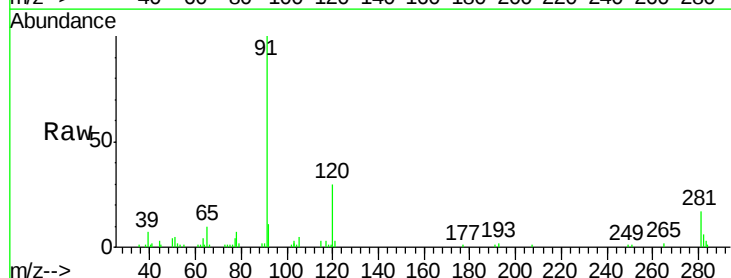
Acq: 01 May 2018 11:02

Tgt Ion: 91 Resp: 11809

Ion Ratio Lower Upper

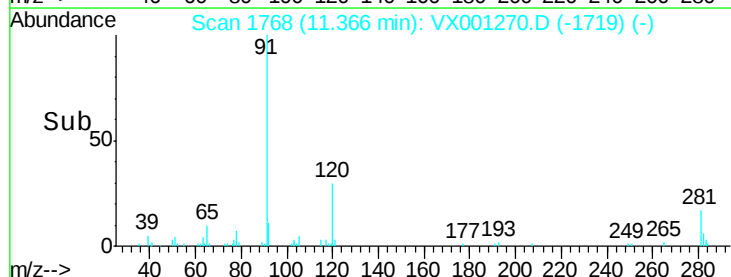
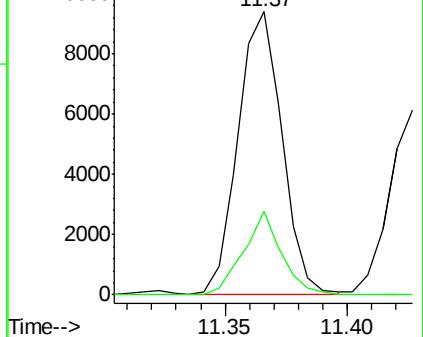
91 100

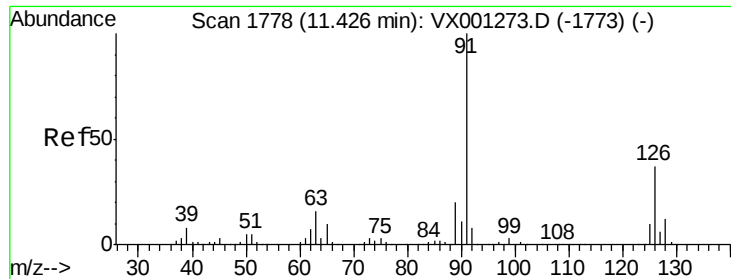
120 25.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.10 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampled :

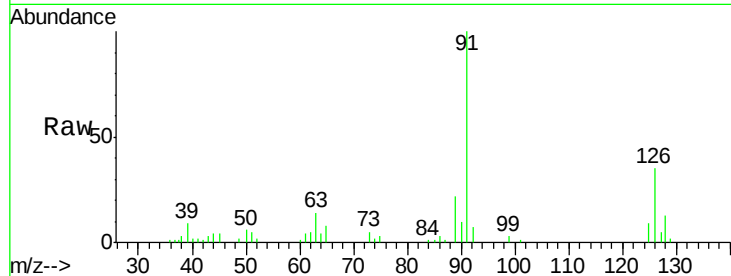
VSTDIC001

Tgt Ion: 91 Resp: 7523

Ion Ratio Lower Upper

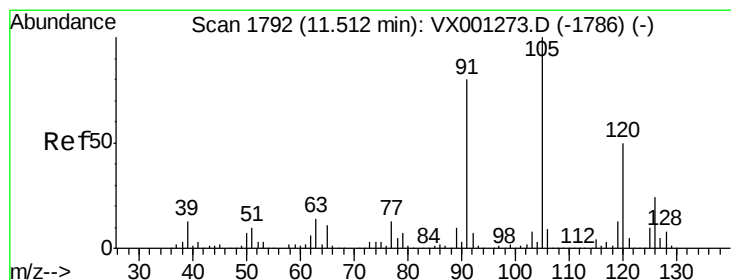
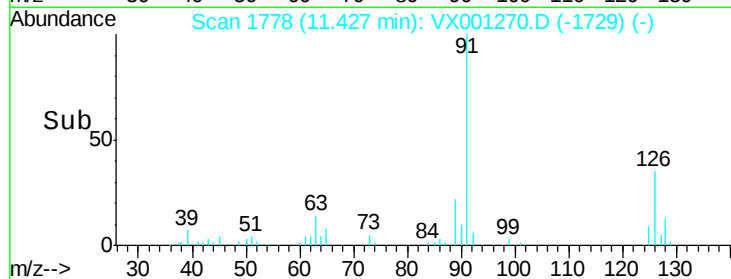
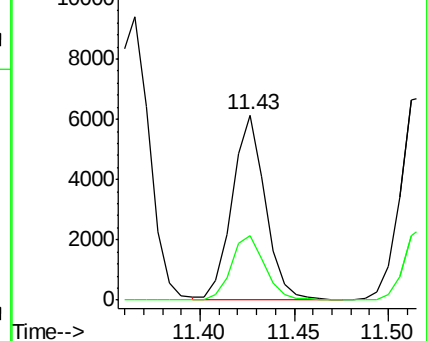
91 100

126 34.8 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: 1.04 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001270.D

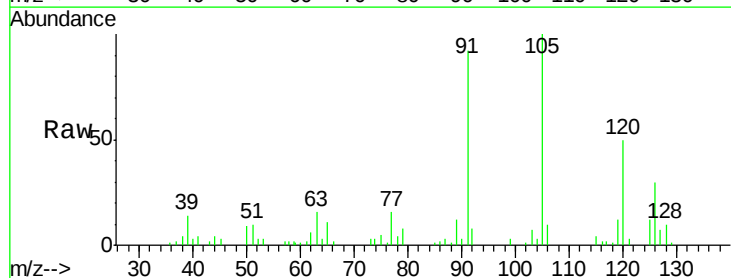
Acq: 01 May 2018 11:02

Tgt Ion: 105 Resp: 8723

Ion Ratio Lower Upper

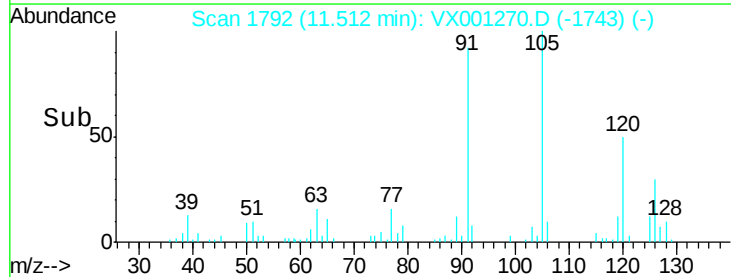
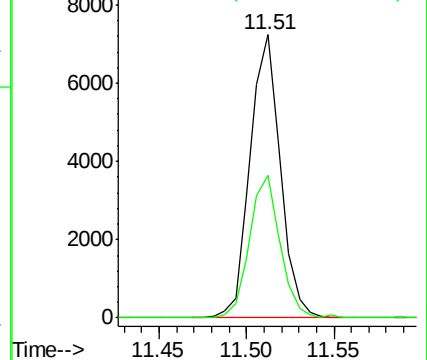
105 100

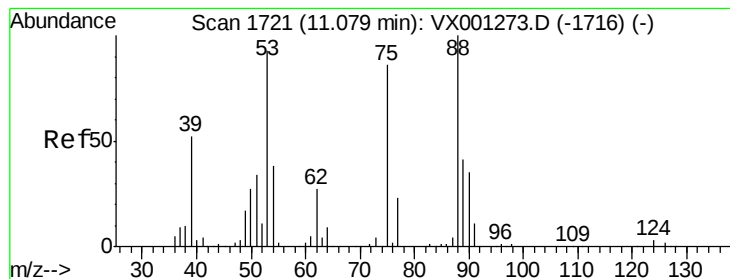
120 50.7 24.6 74.0



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: 0.75 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

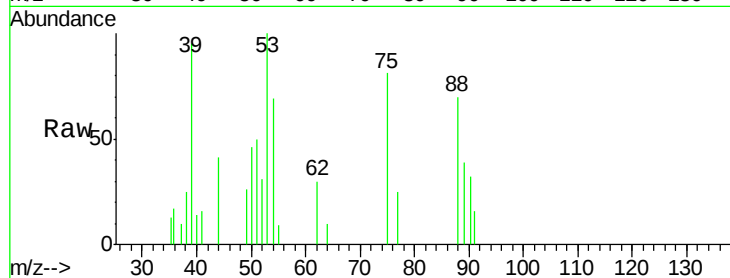
Tgt Ion: 75 Resp: 574

Ion Ratio Lower Upper

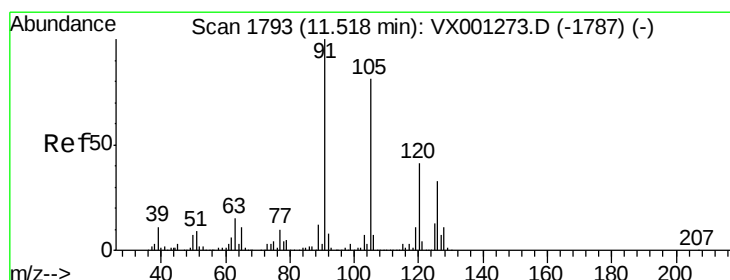
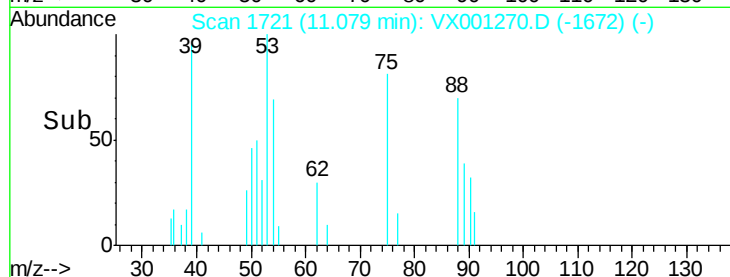
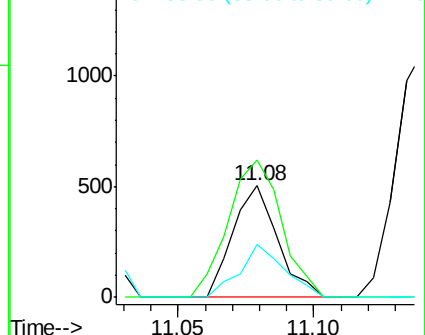
75 100

53 146.7 87.1 130.7#

89 47.9 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.09 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001270.D

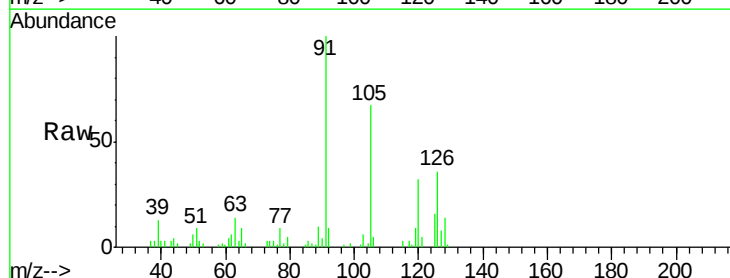
Acq: 01 May 2018 11:02

Tgt Ion: 91 Resp: 8893

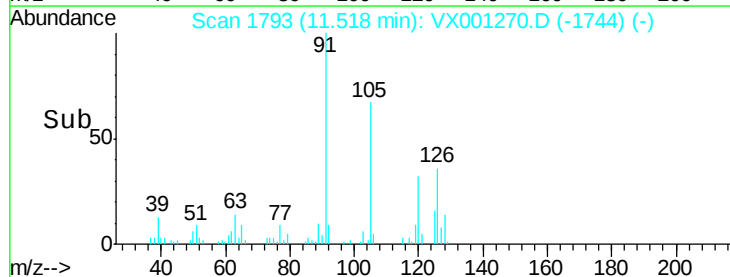
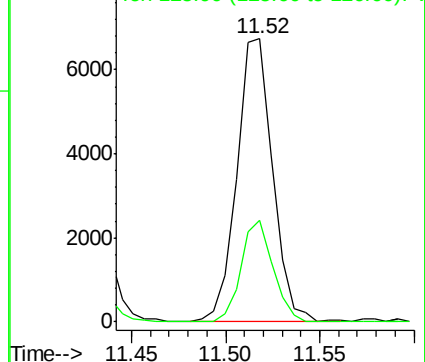
Ion Ratio Lower Upper

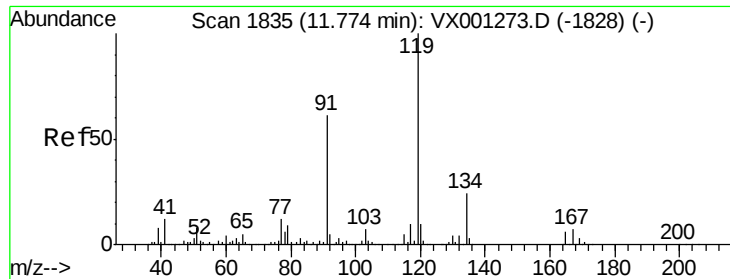
91 100

126 31.8 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

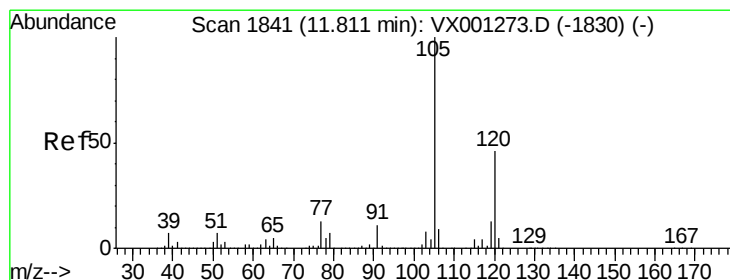
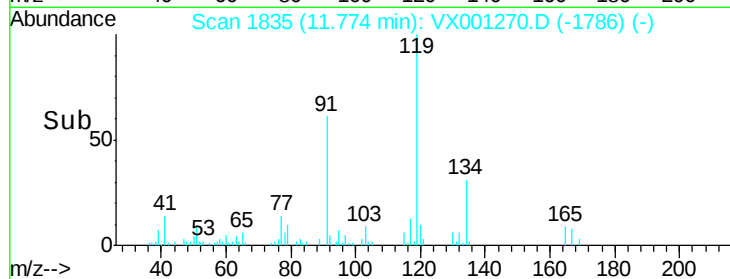
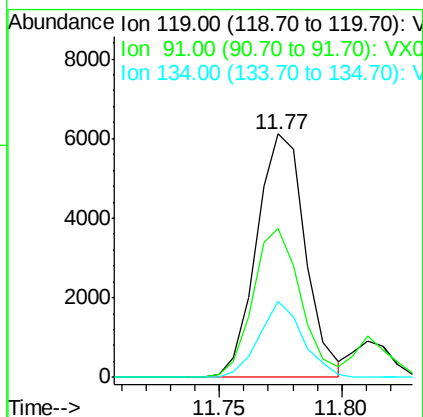
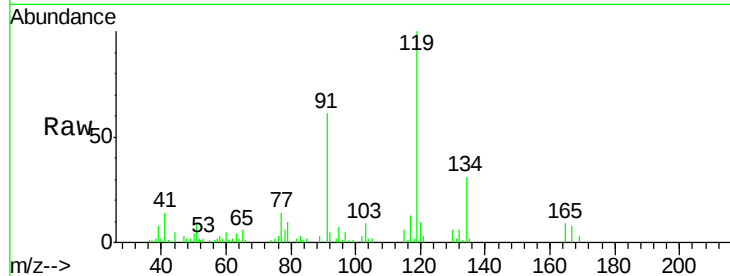




#83
 tert-Butylbenzene
 Concen: 1.02 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

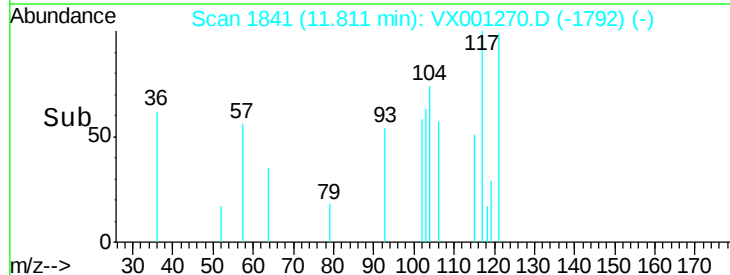
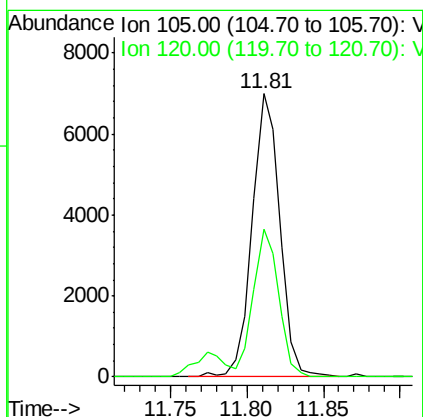
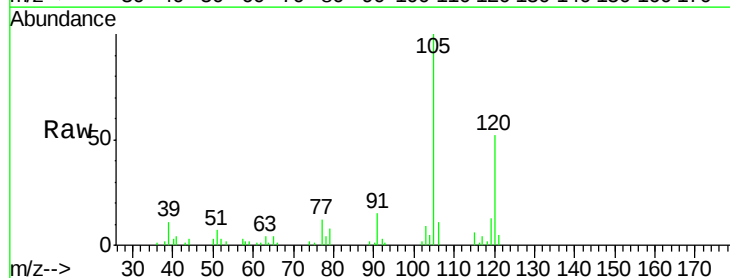
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

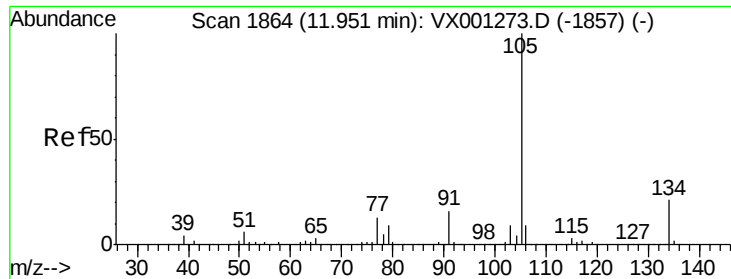
Tgt Ion:119 Resp: 8513
 Ion Ratio Lower Upper
 119 100
 91 60.1 28.1 84.3
 134 28.2 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.02 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion:105 Resp: 8824
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 1.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

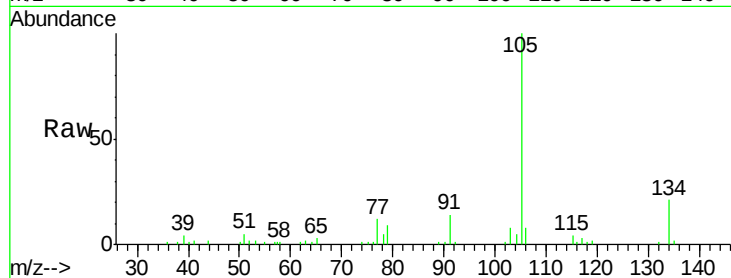
VSTDIC001

Tgt Ion:105 Resp: 10404

Ion Ratio Lower Upper

105 100

134 22.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

10000

8000

6000

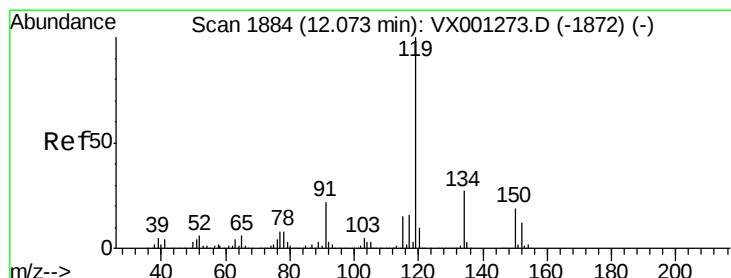
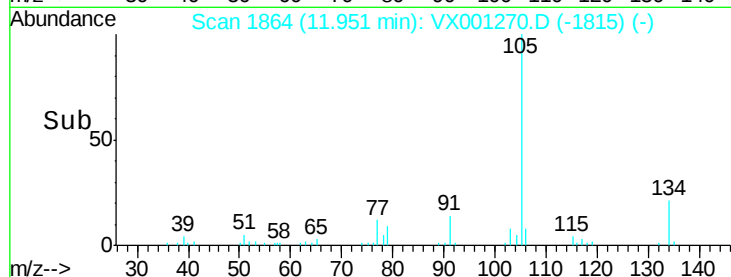
4000

2000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 1.02 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

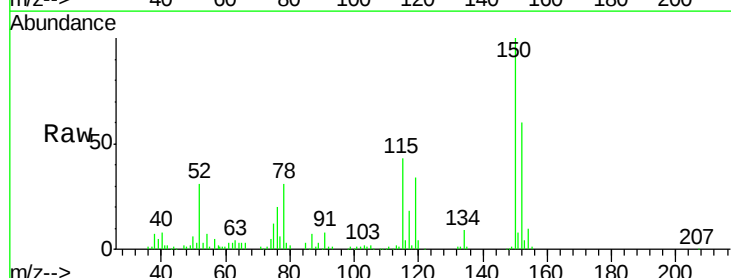
Tgt Ion:119 Resp: 9279

Ion Ratio Lower Upper

119 100

134 27.9 13.6 40.7

91 27.1 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

12.07

10000

8000

6000

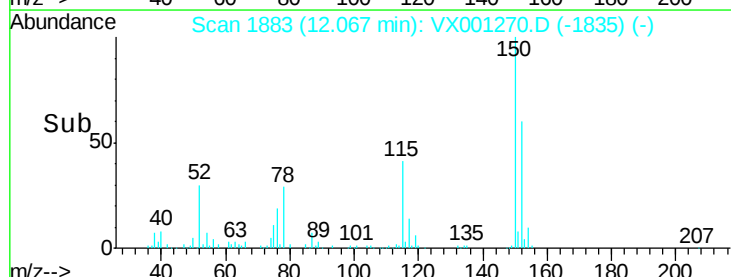
4000

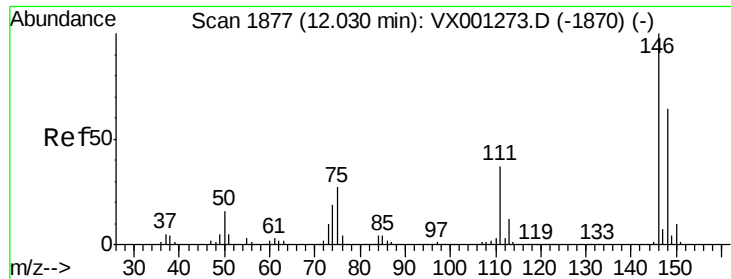
2000

0

Time-->

12.00 12.05 12.10





#87

1,3-Dichlorobenzene

Concen: 1.27 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

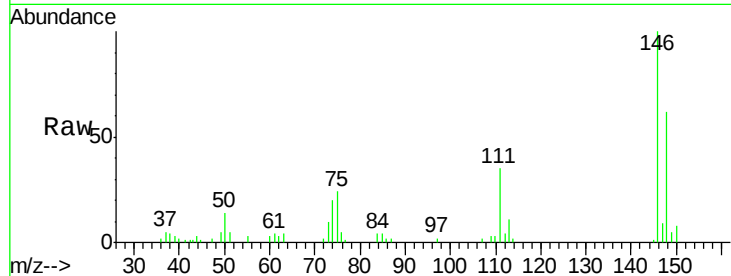
Tgt Ion:146 Resp: 6660

Ion Ratio Lower Upper

146 100

111 36.1 18.4 55.2

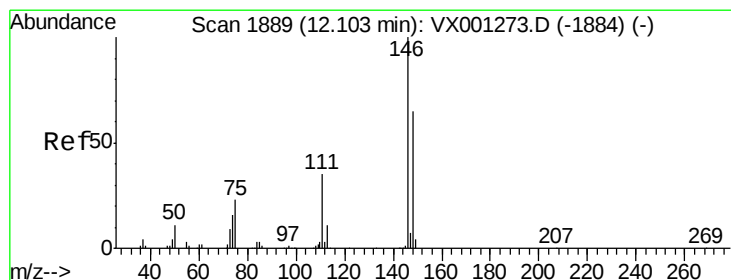
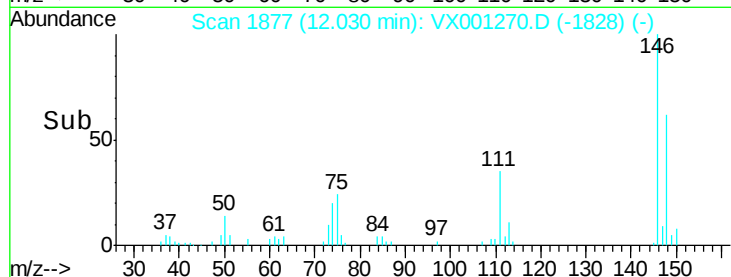
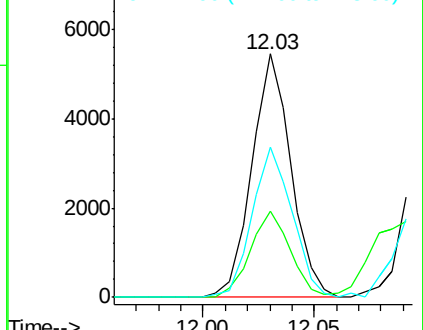
148 63.3 32.2 96.6



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: 1.21 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

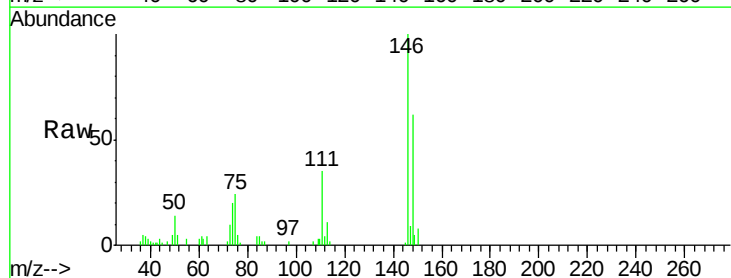
Tgt Ion:146 Resp: 6660

Ion Ratio Lower Upper

146 100

111 36.1 17.9 53.7

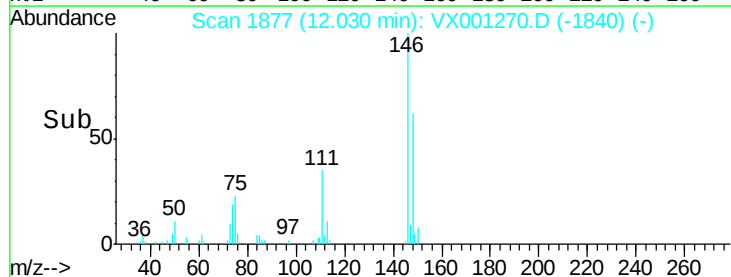
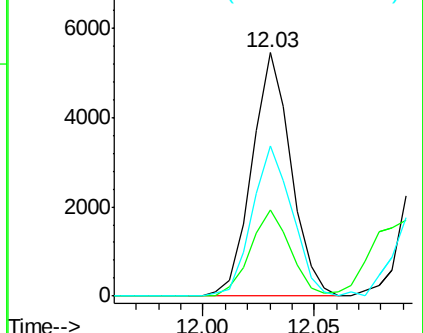
148 63.3 32.3 96.8

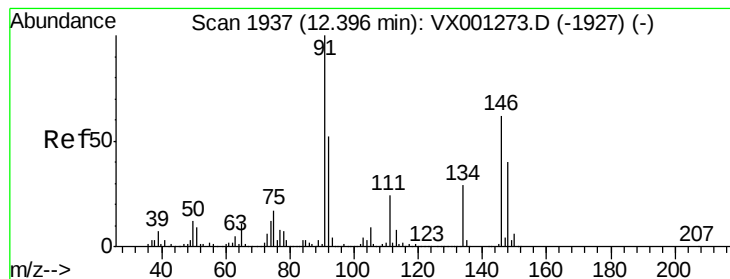


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.04 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

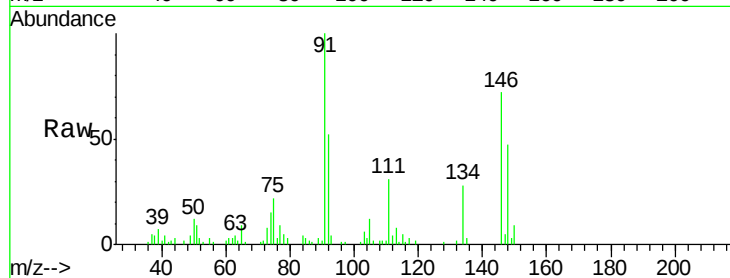
Tgt Ion: 91 Resp: 8203

Ion Ratio Lower Upper

91 100

92 55.0 26.2 78.5

134 29.4 14.0 42.0

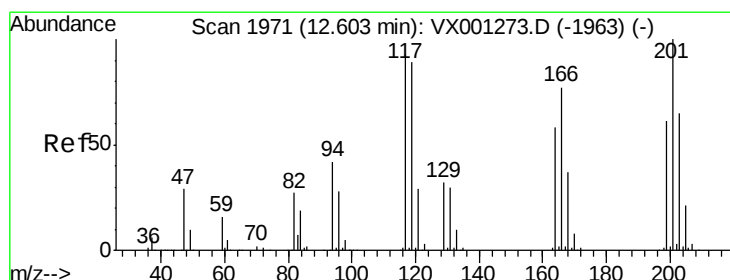
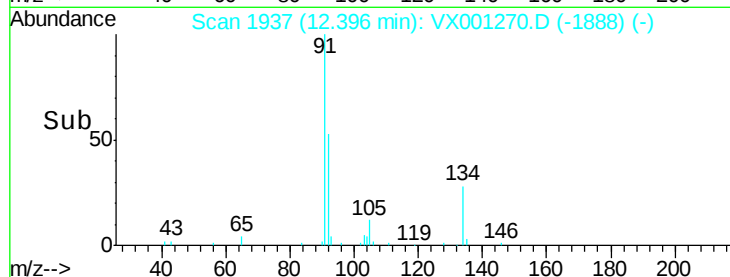


Abundance Ion 91.00 (90.70 to 91.70): VX001270.D (-1927) (-)

Ion 92.00 (91.70 to 92.70): VX001270.D (-1927) (-)

Ion 134.00 (133.70 to 134.70): VX001270.D (-1927) (-)

Time-->



#90

Hexachloroethane

Concen: 0.86 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001270.D

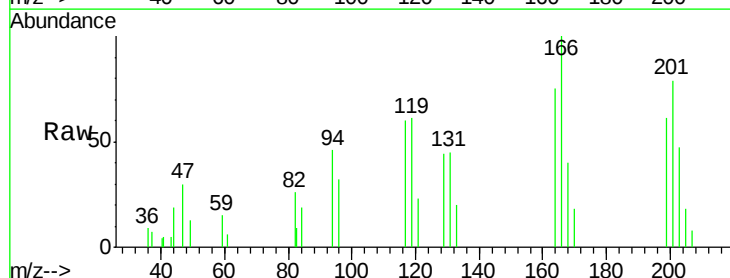
Acq: 01 May 2018 11:02

Tgt Ion: 117 Resp: 1115

Ion Ratio Lower Upper

117 100

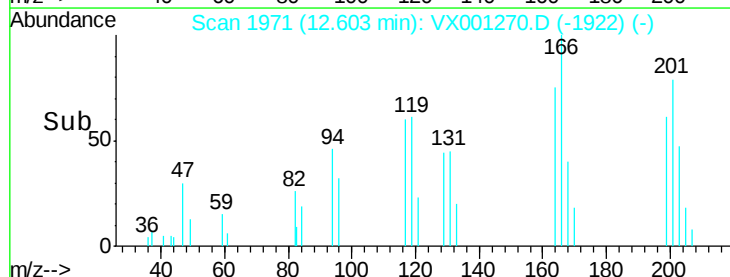
201 115.0 51.6 154.8

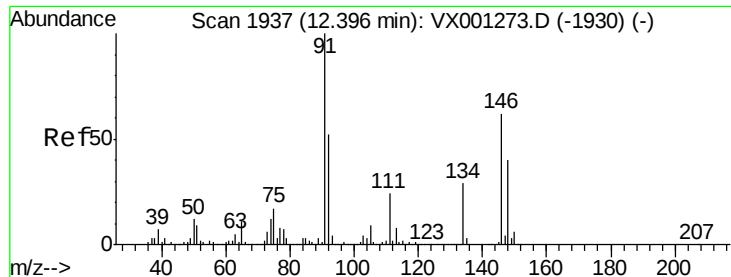


Abundance Ion 116.80 (116.50 to 117.50): VX001270.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001270.D (-1963) (-)

Time-->

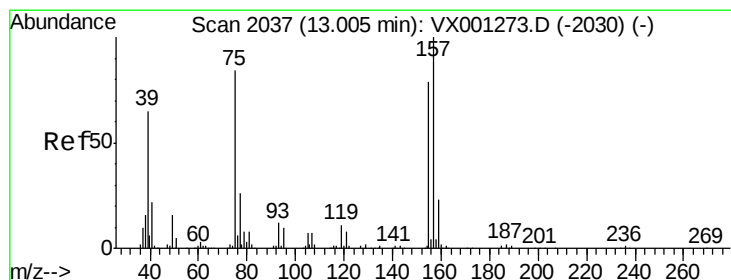
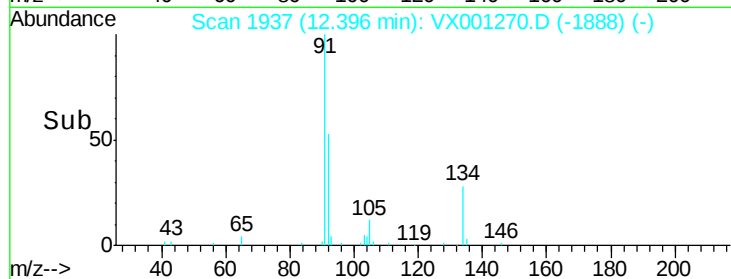
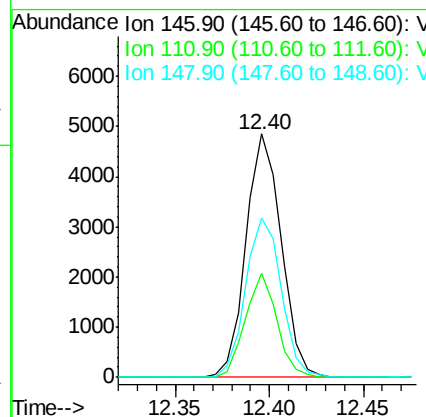
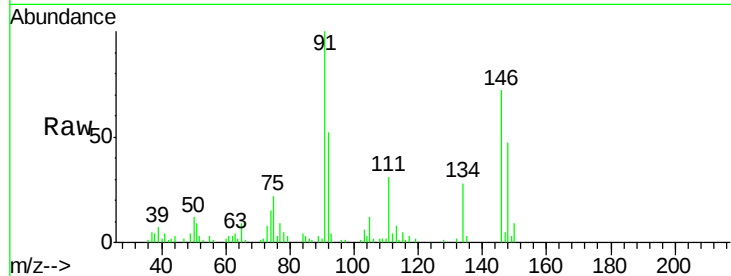




#91
 1,2-Dichlorobenzene
 Concen: 1.18 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

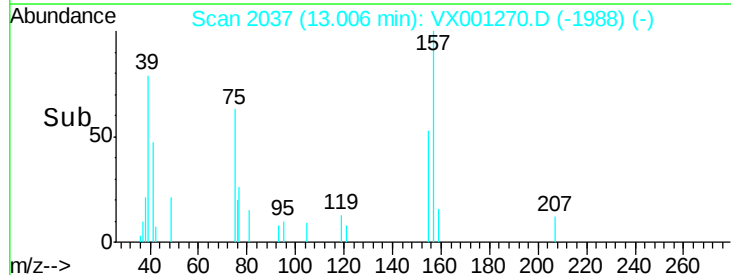
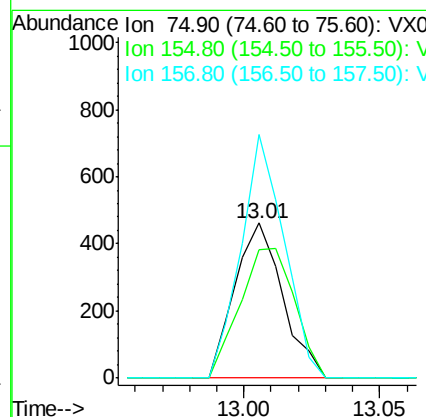
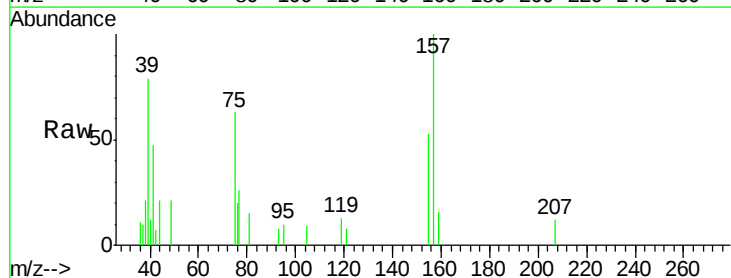
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

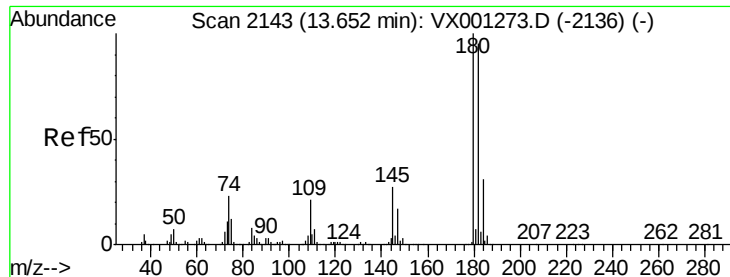
Tgt Ion: 146 Resp: 6299
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.5
 148 66.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion: 75 Resp: 561
 Ion Ratio Lower Upper
 75 100
 155 96.1 49.9 149.7
 157 142.4 63.7 191.1

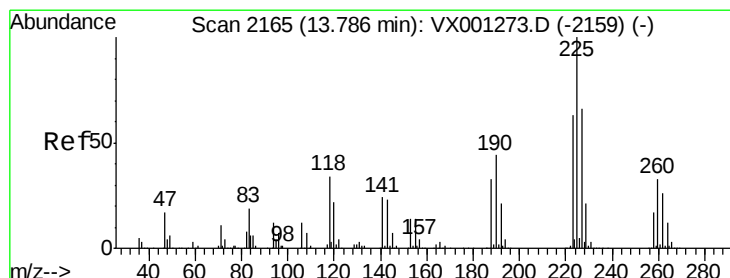
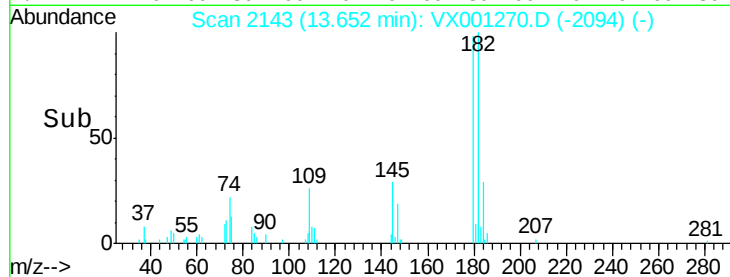
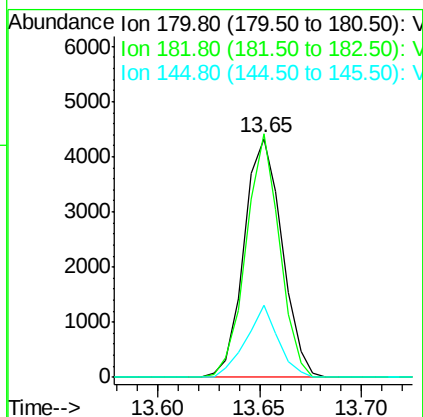
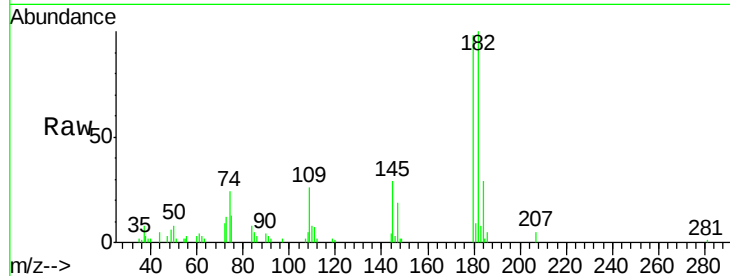




#93
 1,2,4-Trichlorobenzene
 Concen: 1.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

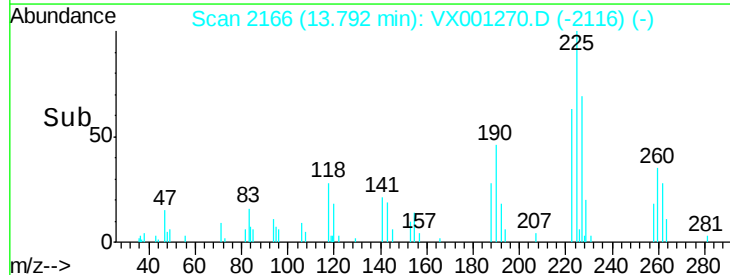
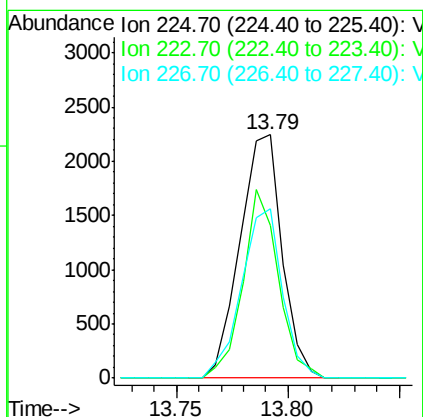
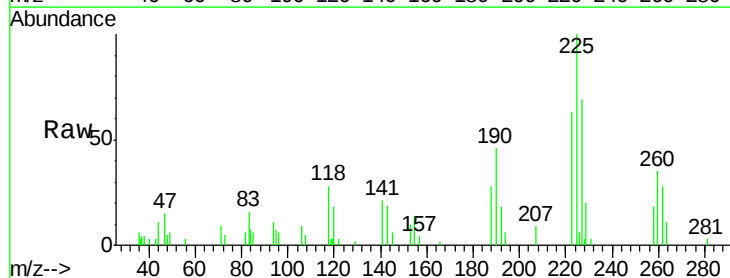
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

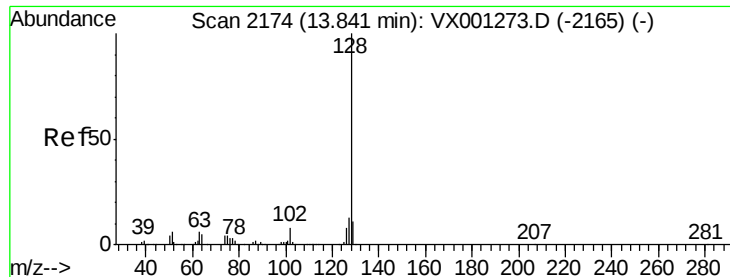
Tgt Ion:180 Resp: 5605
 Ion Ratio Lower Upper
 180 100
 182 89.8 47.3 141.9
 145 25.8 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 1.48 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX001270.D
 Acq: 01 May 2018 11:02

Tgt Ion:225 Resp: 2970
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.4 94.0
 227 67.3 32.5 97.5





#95

Naphthalene

Concen: 1.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

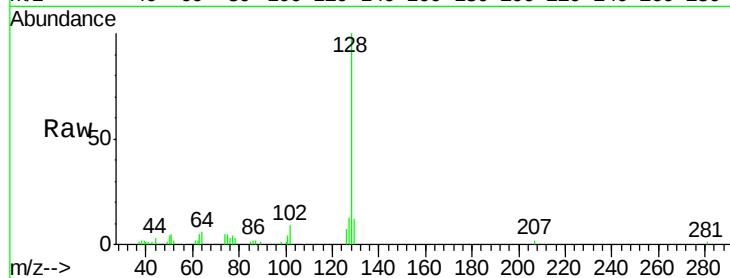
Tgt Ion:128 Resp: 12340

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

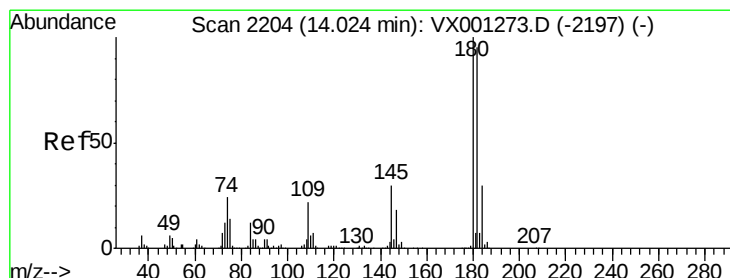
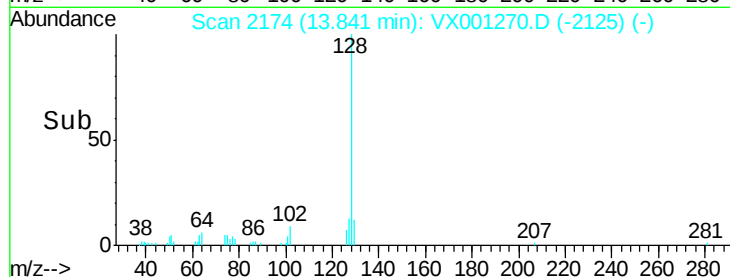
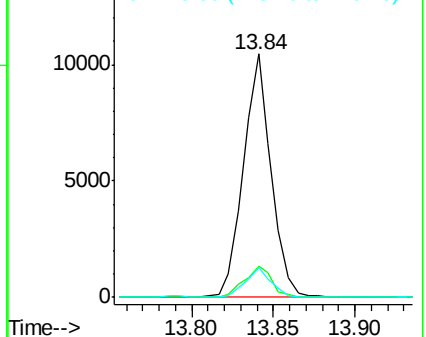
129 11.2 8.7 13.1



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: 1.25 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001270.D

Acq: 01 May 2018 11:02

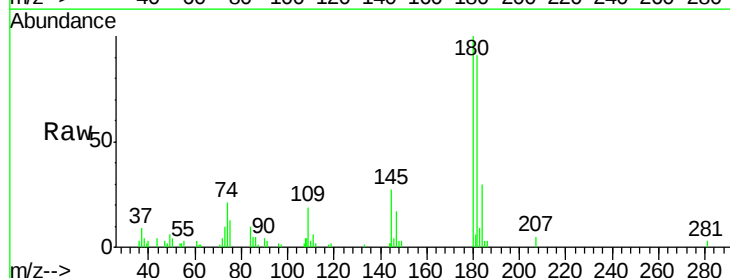
Tgt Ion:180 Resp: 5184

Ion Ratio Lower Upper

180 100

182 95.3 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

