

Data File : VX001333.D

Acq On : 02 May 2018 23:24

Operator : JC/MD

Sample : VX0502WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Quant Time: May 03 05:09:12 2018

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

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	219264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	137182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	109252	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	5.51	113	93068	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.72	98	342196	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.14	95	124420	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37982	21.07	ug/l	98
3) Chloromethane	1.32	50	35683	20.16	ug/l	98
4) Vinyl Chloride	1.40	62	39341	21.11	ug/l	97
5) Bromomethane	1.64	94	31765	21.97	ug/l	98
6) Chloroethane	1.72	64	25946	22.03	ug/l	99
7) Trichlorofluoromethane	1.93	101	70480	22.41	ug/l	98
8) Diethyl Ether	2.19	74	24293	22.50	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38855	21.43	ug/l	98
10) Methyl Iodide	2.51	142	50465	27.65	ug/l	100
11) Tert butyl alcohol	3.09	59	53874	138.79	ug/l	98
12) 1,1-Dichloroethene	2.37	96	34938	21.37	ug/l	96
13) Acrolein	2.30	56	17902	80.10	ug/l	96
14) Allyl chloride	2.73	41	61491	21.50	ug/l	98
15) Acrylonitrile	3.15	53	111145	123.54	ug/l	99
16) Acetone	2.45	43	109134	113.32	ug/l	98
17) Carbon Disulfide	2.57	76	79797	18.73	ug/l	100
18) Methyl Acetate	2.78	43	61832	27.18	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	126637	22.74	ug/l	100
20) Methylene Chloride	2.86	84	40113	22.20	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	37249	20.93	ug/l	96
22) Diisopropyl ether	3.88	45	125333	22.75	ug/l	96
23) Vinyl Acetate	3.84	43	532450	114.05	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70025	22.82	ug/l	100
25) 2-Butanone	4.73	43	147766	113.47	ug/l	98
26) 2,2-Dichloropropane	4.59	77	30702	12.29	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	39413	20.15	ug/l	97
28) Bromochloromethane	5.03	49	32475	23.54	ug/l	98
29) Tetrahydrofuran	5.18	42	93971	117.34	ug/l	98
30) Chloroform	5.23	83	66748	20.58	ug/l	99
31) Cyclohexane	5.58	56	51882	18.72	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	56982	20.10	ug/l	99
36) 1,1-Dichloropropene	5.81	75	45420	17.95	ug/l	98
37) Ethyl Acetate	4.88	43	55008	21.53	ug/l	98
38) Carbon Tetrachloride	5.79	117	51609	19.47	ug/l	97

Data File : VX001333.D

Acq On : 02 May 2018 23:24

Operator : JC/MD

Sample : VX0502WBS02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Quant Time: May 03 05:09:12 2018

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

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52083	17.40	ug/l	97
40) Benzene	6.15	78	146221	20.09	ug/l	99
41) Methacrylonitrile	5.07	41	31336	21.06	ug/l	99
42) 1,2-Dichloroethane	6.21	62	54943	19.49	ug/l	99
43) Isopropyl Acetate	6.48	43	85818	20.74	ug/l	99
44) Trichloroethene	7.22	130	44194	19.83	ug/l	93
45) 1,2-Dichloropropane	7.53	63	37486	20.05	ug/l	97
46) Dibromomethane	7.67	93	26704	20.38	ug/l	99
47) Bromodichloromethane	7.91	83	46401	19.80	ug/l	97
48) Methyl methacrylate	7.79	41	45321	20.61	ug/l	99
49) 1,4-Dioxane	7.77	88	20746	499.89	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	301953	113.22	ug/l	100
52) Toluene	8.79	92	93713	19.69	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	49572	17.79	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	44831	17.49	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	40281	20.96	ug/l	97
56) Ethyl methacrylate	9.19	69	54859	20.60	ug/l	98
57) 1,3-Dichloropropane	9.38	76	62874	20.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	135322	105.31	ug/l	99
59) 2-Hexanone	9.51	43	232058	111.32	ug/l	100
60) Dibromochloromethane	9.59	129	39461	19.68	ug/l	100
61) 1,2-Dibromoethane	9.68	107	41306	20.27	ug/l	98
64) Tetrachloroethene	9.34	164	58057	23.53	ug/l	99
65) Chlorobenzene	10.15	112	109421	19.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	40393	20.55	ug/l	98
67) Ethyl Benzene	10.26	91	176656	18.93	ug/l	96
68) m/p-Xylenes	10.37	106	142069	38.69	ug/l	100
69) o-Xylene	10.71	106	69647	19.56	ug/l	97
70) Styrene	10.72	104	111722	19.18	ug/l	99
71) Bromoform	10.87	173	31445	19.18	ug/l #	99
73) Isopropylbenzene	11.02	105	186032	20.27	ug/l	99
74) N-amyl acetate	6.48	43	85818	21.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	57341	20.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	62182	24.51	ug/l	91
77) Bromobenzene	11.26	156	54566	20.61	ug/l	97
78) n-propylbenzene	11.37	91	201322	19.74	ug/l	99
79) 2-Chlorotoluene	11.43	91	123884	20.13	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	156458	20.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10919	17.09	ug/l	92
82) 4-Chlorotoluene	11.52	91	145188	19.61	ug/l	99
83) tert-Butylbenzene	11.77	119	148202	19.28	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	161985	20.51	ug/l	99
85) sec-Butylbenzene	11.95	105	185223	20.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	166939	19.79	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	96467	19.52	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	97409	19.12	ug/l	100
89) n-Butylbenzene	12.40	91	134751	18.30	ug/l	99
90) Hexachloroethane	12.60	117	23188	18.98	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	99990	20.33	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12639	22.75	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\
Quantitation Report (Not Reviewed)

Data File : VX001333.D
Acq On : 02 May 2018 23:24
Operator : JC/MD
Sample : VX0502WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Quant Time: May 03 05:09:12 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

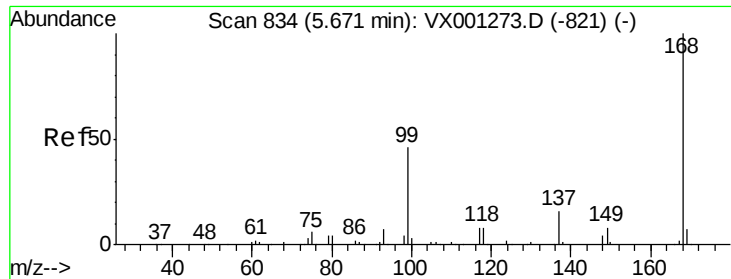
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70849	17.91	ug/l	100
94) Hexachlorobutadiene	13.79	225	38281	18.49	ug/l	99
95) Naphthalene	13.84	128	208618	20.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	75832	19.52	ug/l	99

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

ALS Vial : 28 Sample Multiplier: 1

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

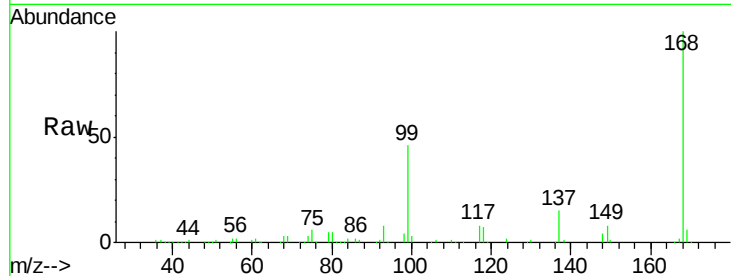
VX0502WBS02

Tgt Ion:168 Resp: 162992

Ion Ratio Lower Upper

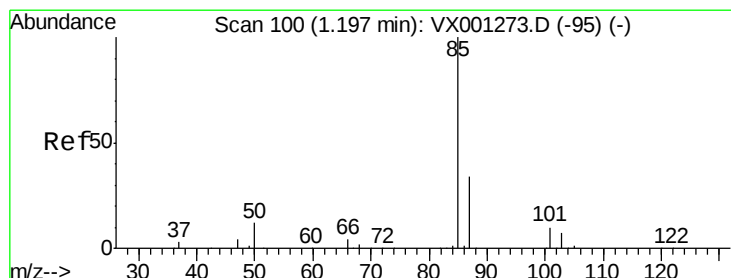
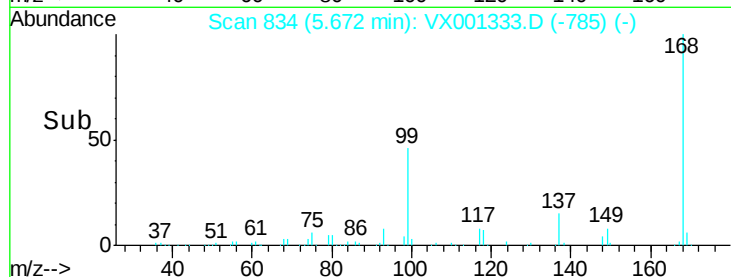
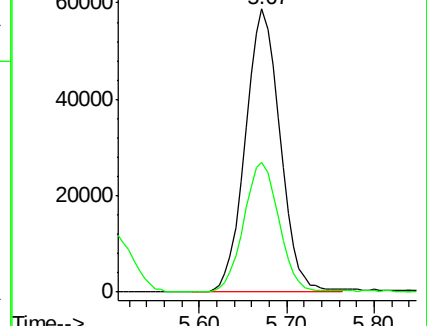
168 100

99 45.6 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001333.D

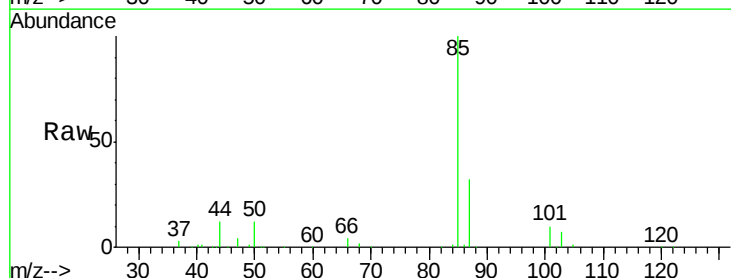
Acq: 02 May 2018 23:24

Tgt Ion: 85 Resp: 37982

Ion Ratio Lower Upper

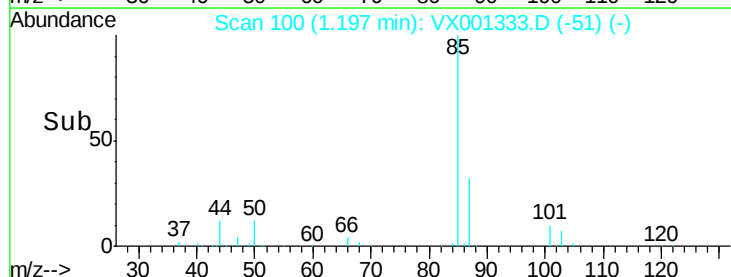
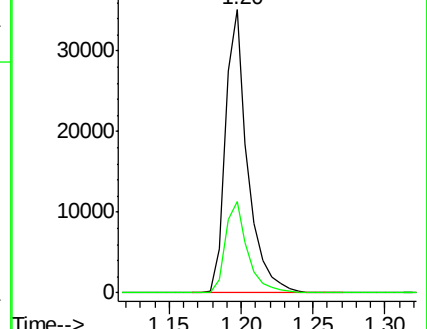
85 100

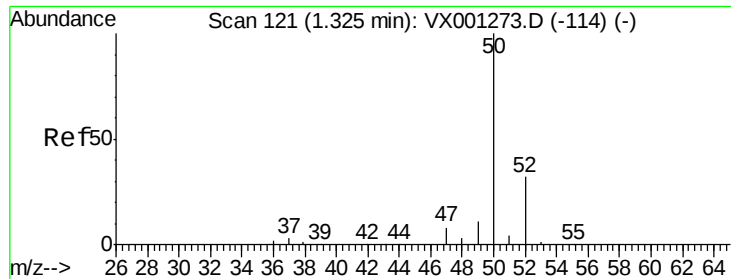
87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

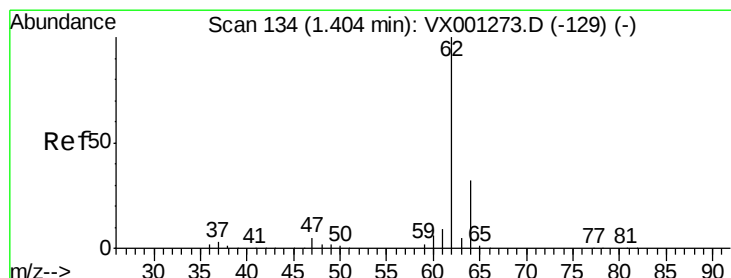
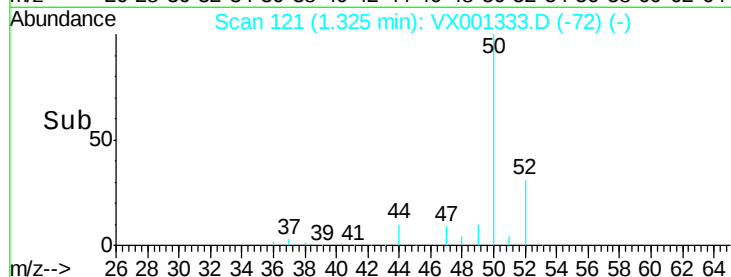
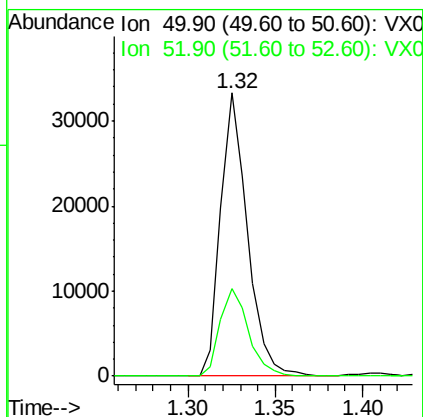
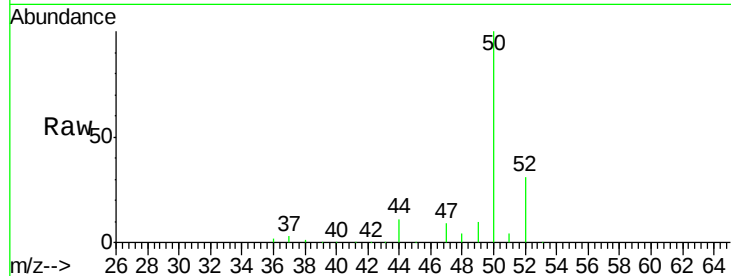




#3
Chloromethane
Concen: 20.16 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

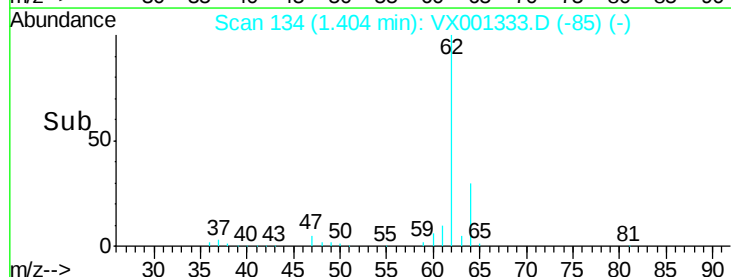
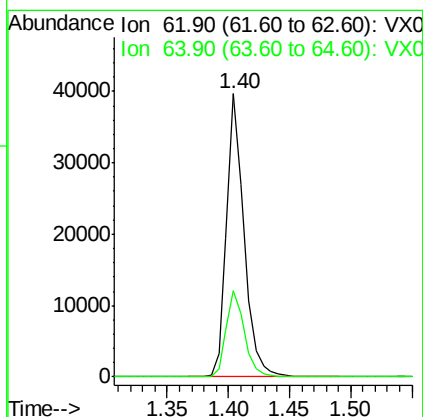
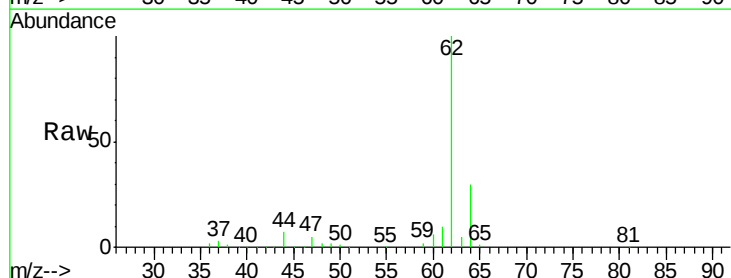
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

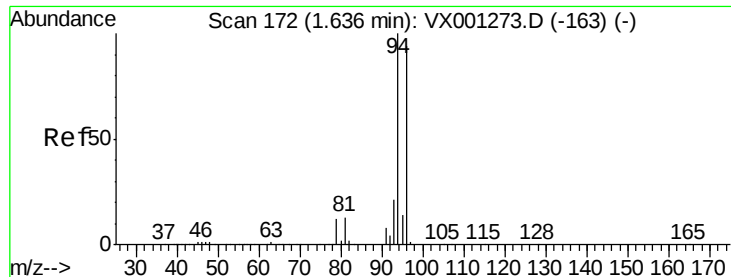
Tgt Ion: 50 Resp: 35683
Ion Ratio Lower Upper
50 100
52 30.8 25.7 38.5



#4
Vinyl Chloride
Concen: 21.11 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 62 Resp: 39341
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.2





#5

Bromomethane

Concen: 21.97 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

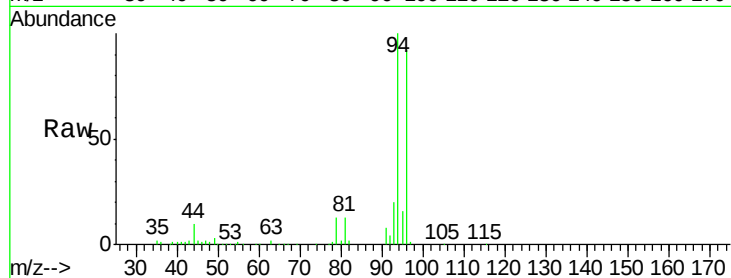
VX0502WBS02

Tgt Ion: 94 Resp: 31765

Ion Ratio Lower Upper

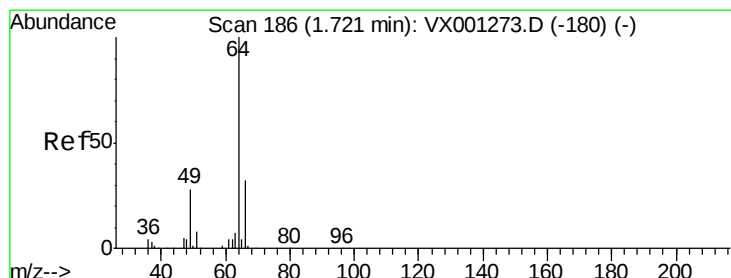
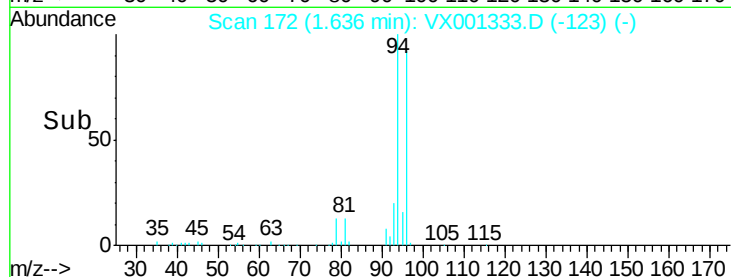
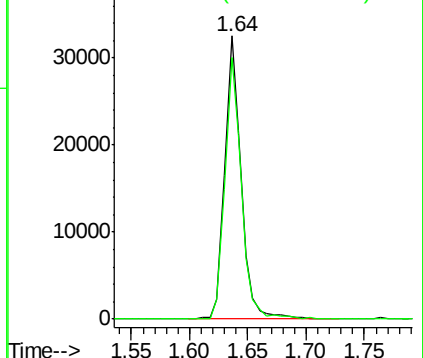
94 100

96 92.4 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: 22.03 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001333.D

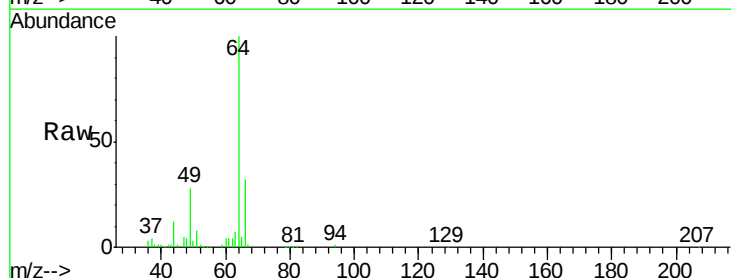
Acq: 02 May 2018 23:24

Tgt Ion: 64 Resp: 25946

Ion Ratio Lower Upper

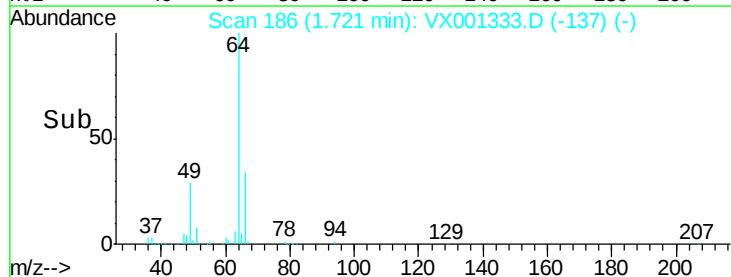
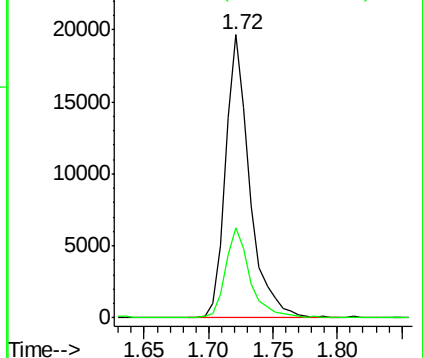
64 100

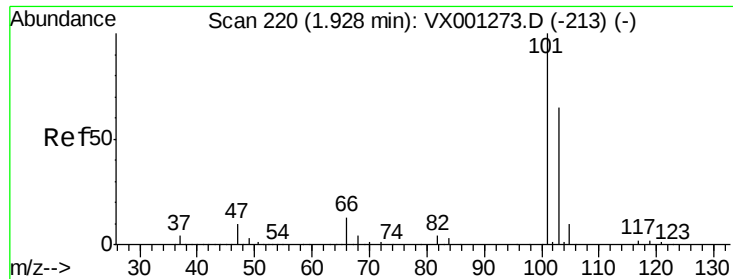
66 31.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 22.41 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

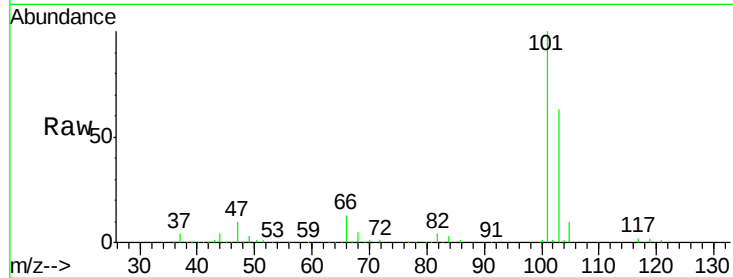
VX0502WBS02

Tgt Ion:101 Resp: 70480

Ion Ratio Lower Upper

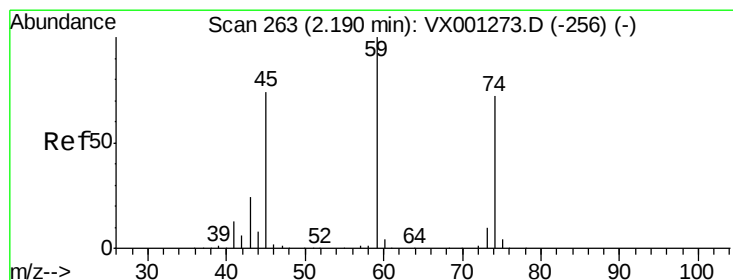
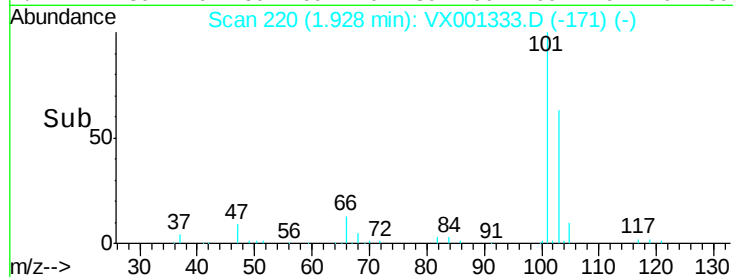
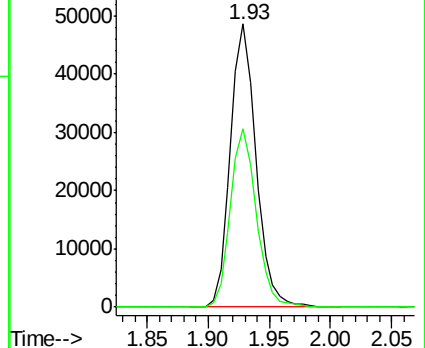
101 100

103 63.0 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: 22.50 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001333.D

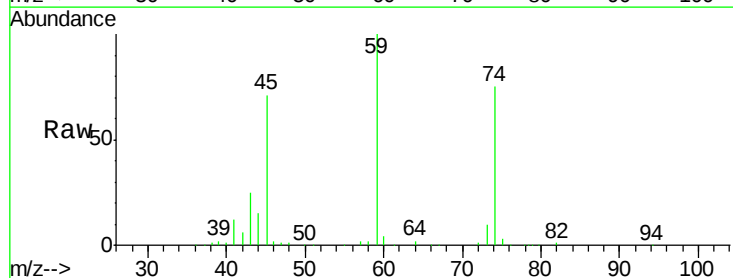
Acq: 02 May 2018 23:24

Tgt Ion: 74 Resp: 24293

Ion Ratio Lower Upper

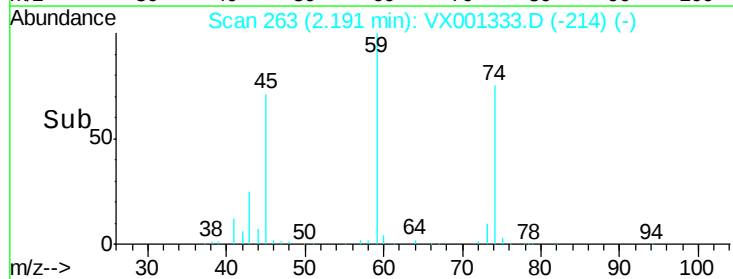
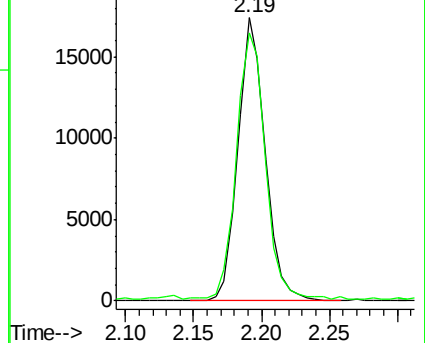
74 100

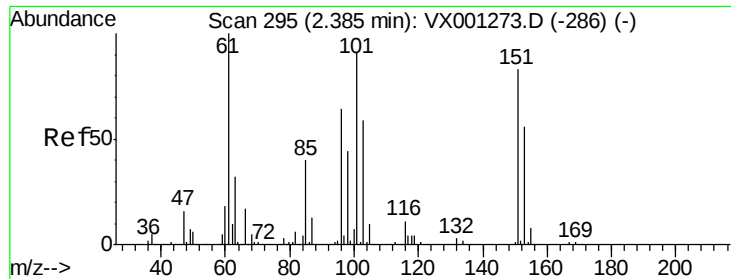
45 98.7 49.3 147.9



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: 21.43 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampled :

VX0502WBS02

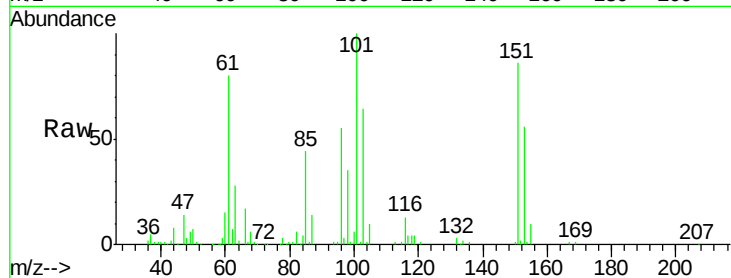
Tgt Ion:101 Resp: 38855

Ion Ratio Lower Upper

101 100

85 44.0 35.6 53.4

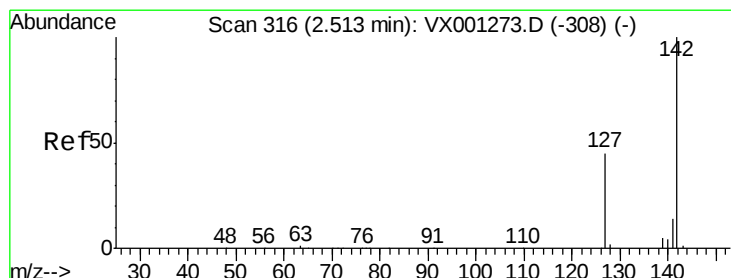
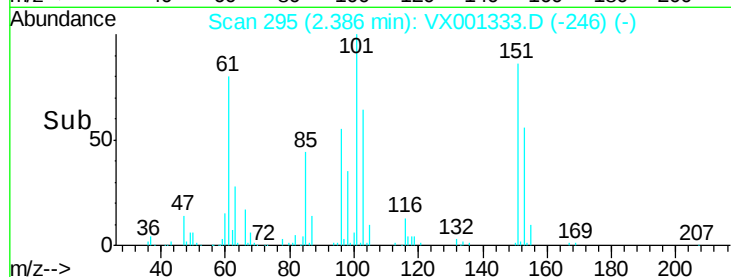
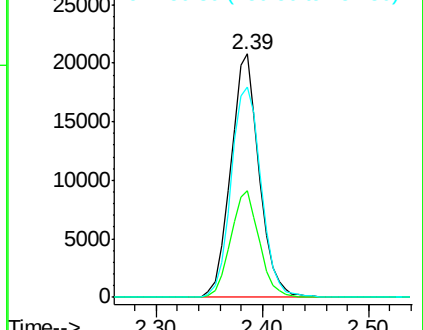
151 91.6 74.8 112.2



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: 27.65 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

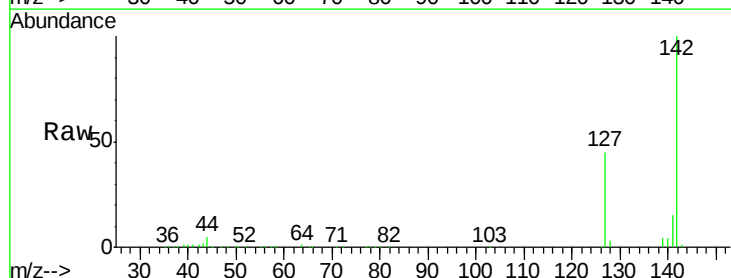
Tgt Ion:142 Resp: 50465

Ion Ratio Lower Upper

142 100

127 44.7 35.7 53.5

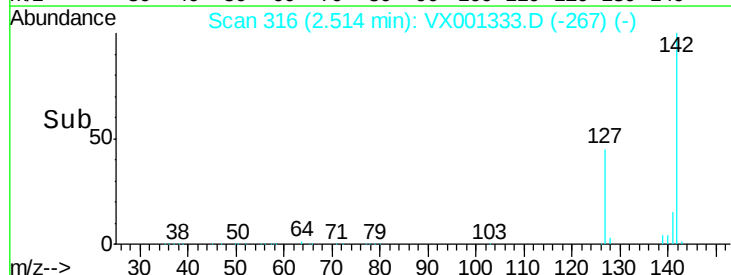
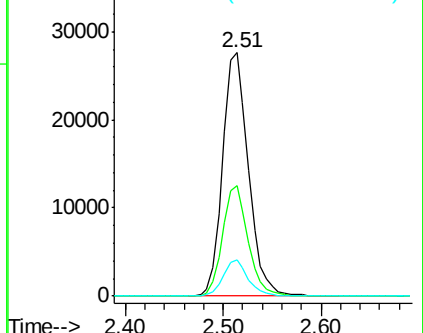
141 14.5 11.4 17.0

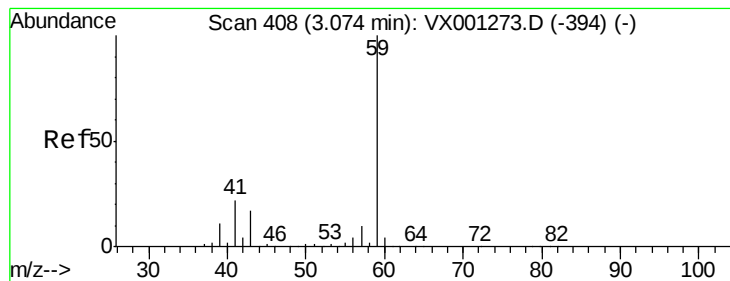


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



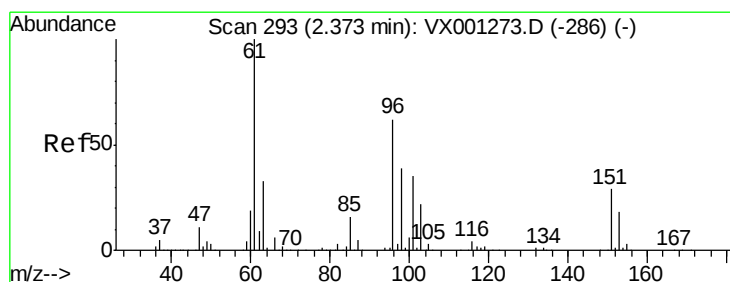
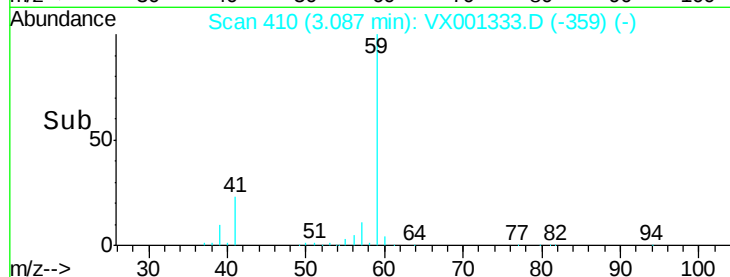
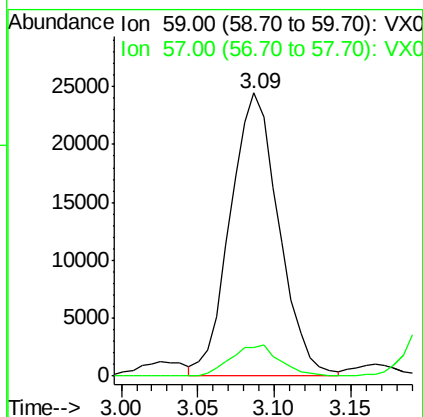
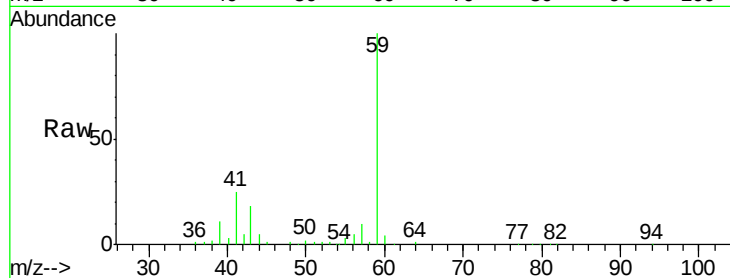


#11

Tert butyl alcohol
 Concen: 138.79 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

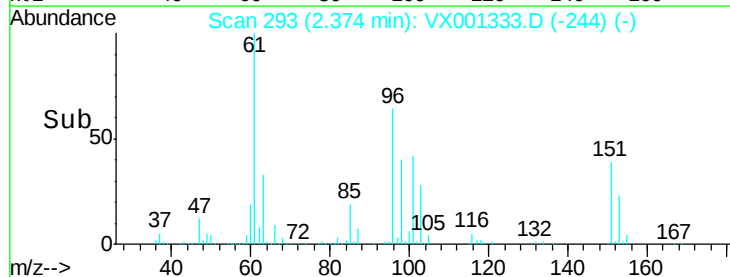
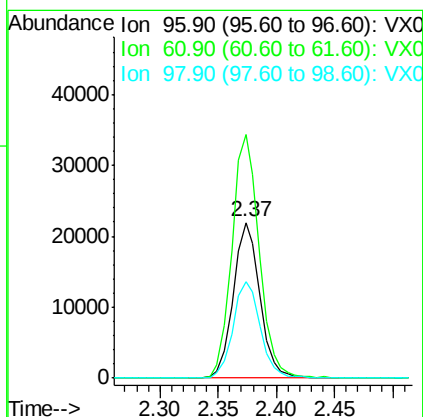
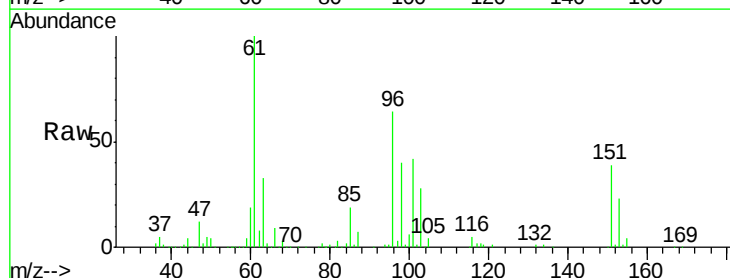
Tgt Ion: 59 Resp: 53874
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.6 12.8

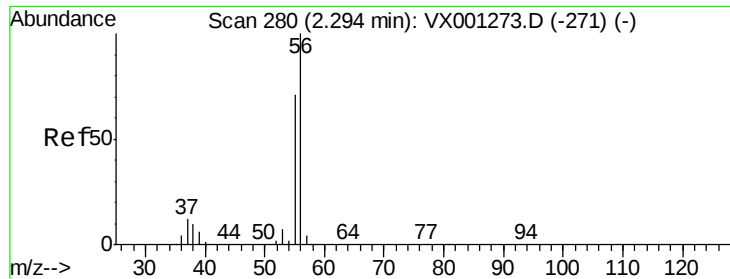


#12

1,1-Dichloroethene
 Concen: 21.37 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion: 96 Resp: 34938
 Ion Ratio Lower Upper
 96 100
 61 156.3 130.1 195.1
 98 62.2 50.3 75.5





#13

Acrolein

Concen: 80.10 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampled :

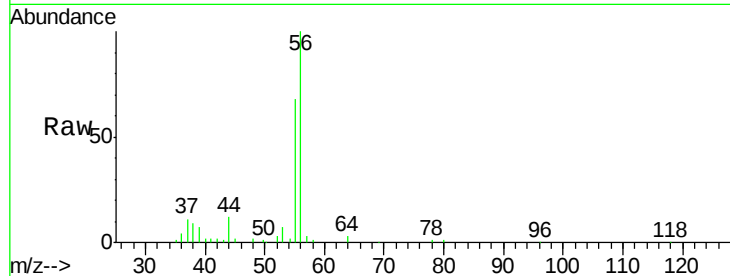
VX0502WBS02

Tgt Ion: 56 Resp: 17902

Ion Ratio Lower Upper

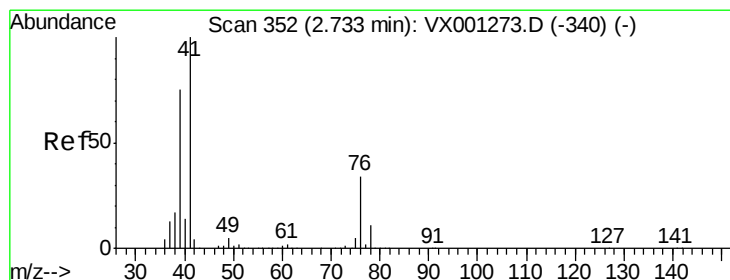
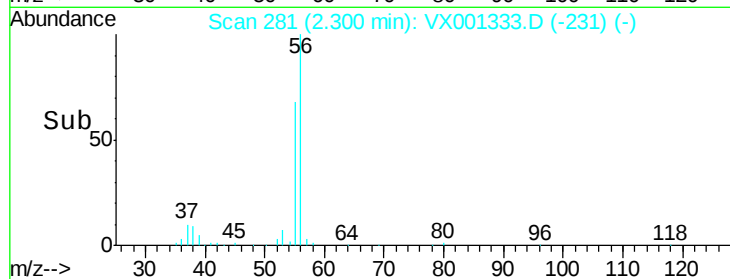
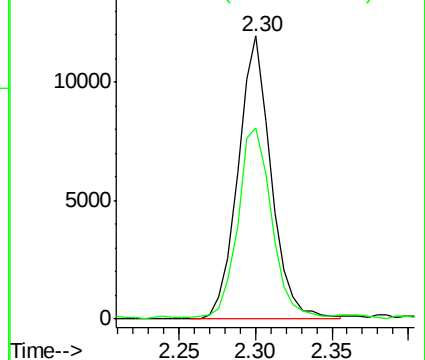
56 100

55 68.2 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.50 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

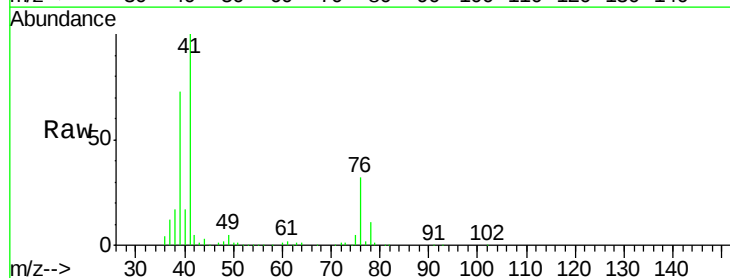
Tgt Ion: 41 Resp: 61491

Ion Ratio Lower Upper

41 100

39 70.9 58.1 87.1

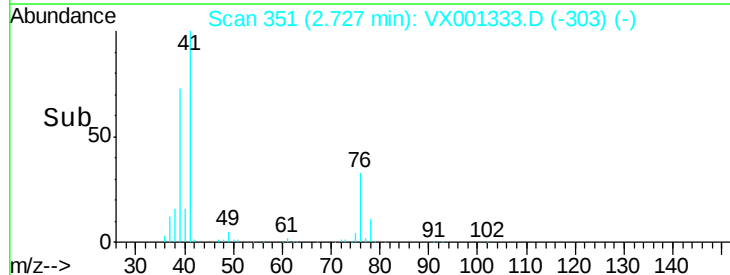
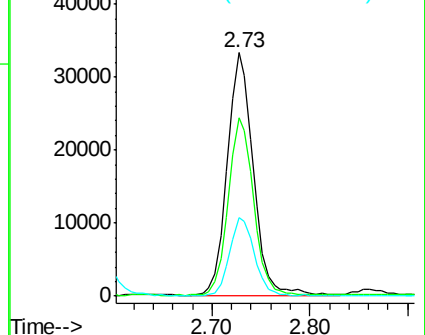
76 30.9 25.1 37.7

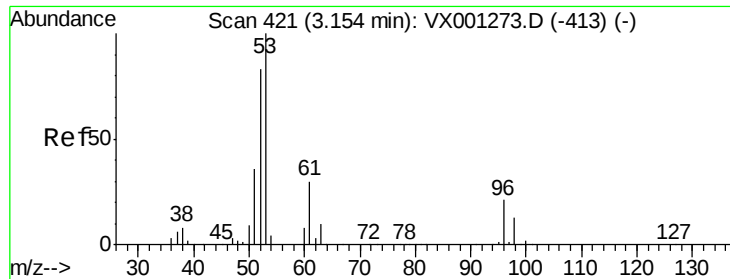


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 123.54 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

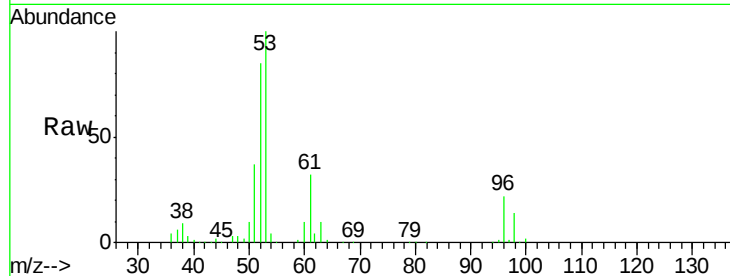
Tgt Ion: 53 Resp: 111145

Ion Ratio Lower Upper

53 100

52 84.8 67.0 100.4

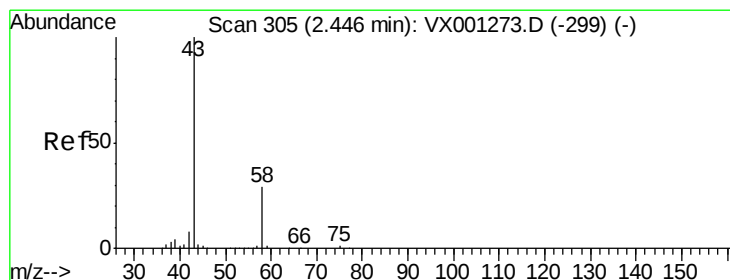
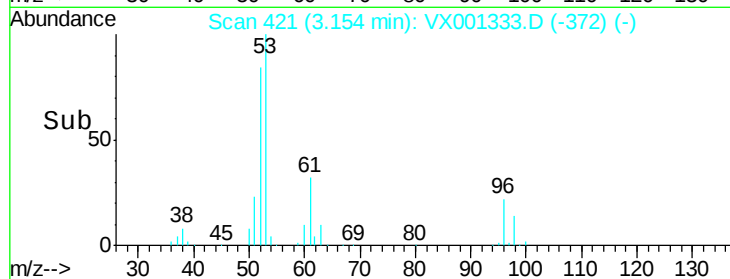
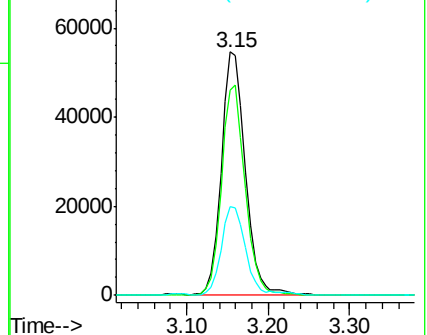
51 37.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 113.32 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001333.D

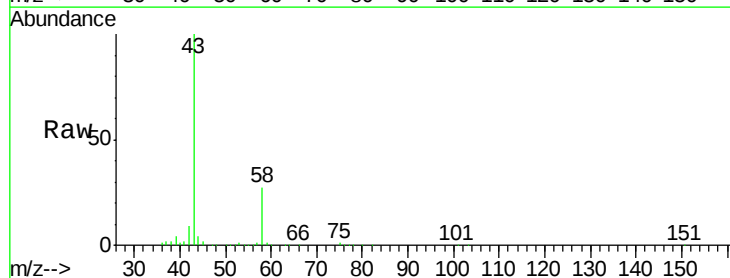
Acq: 02 May 2018 23:24

Tgt Ion: 43 Resp: 109134

Ion Ratio Lower Upper

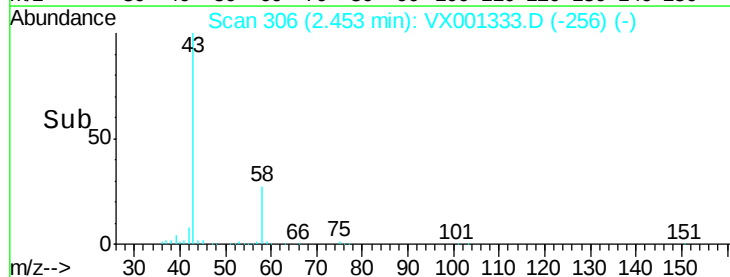
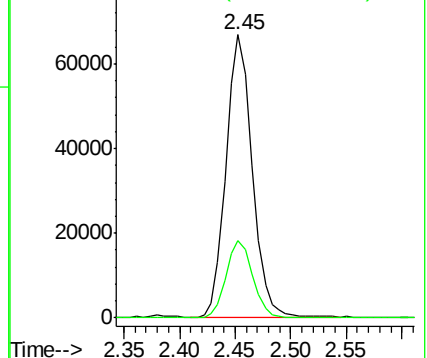
43 100

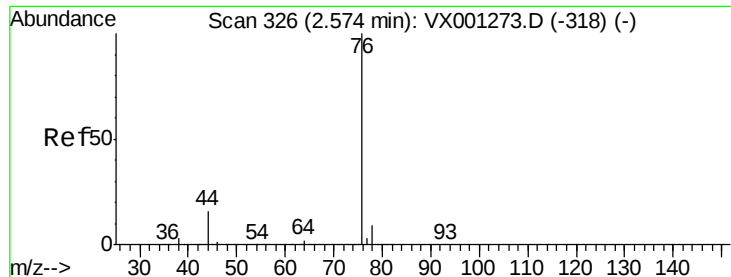
58 27.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

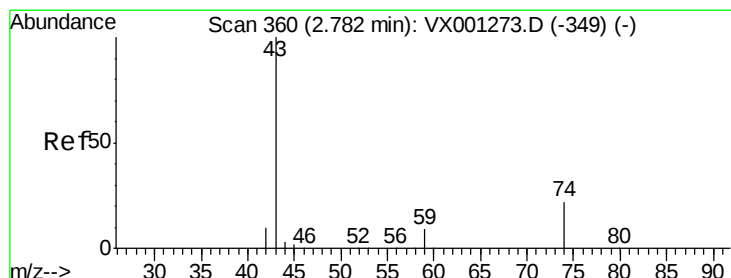
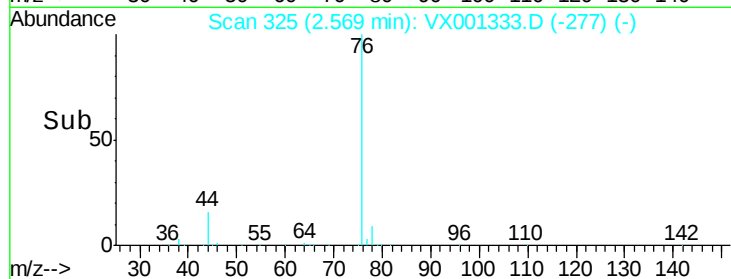
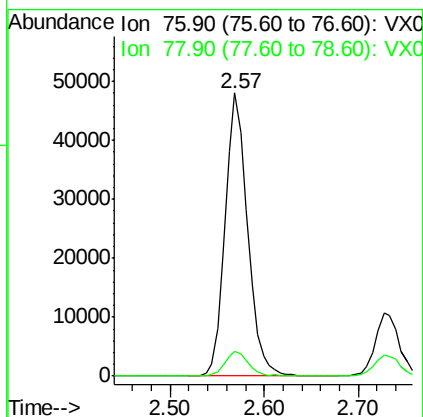
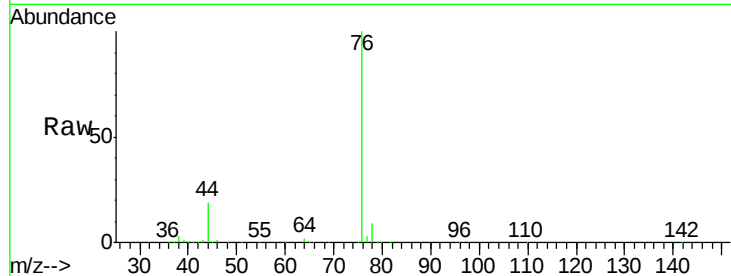




#17
Carbon Disulfide
Concen: 18.73 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

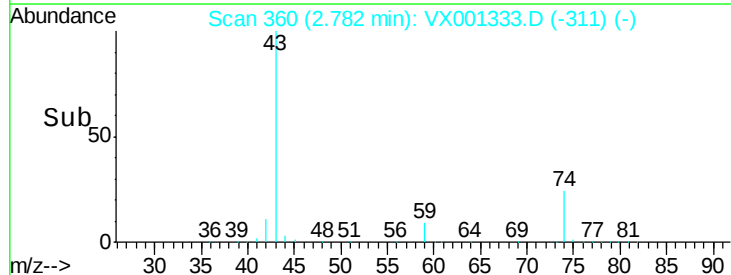
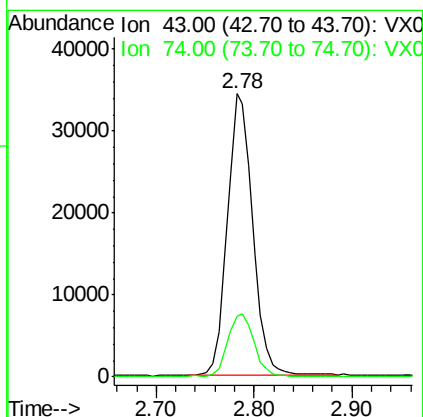
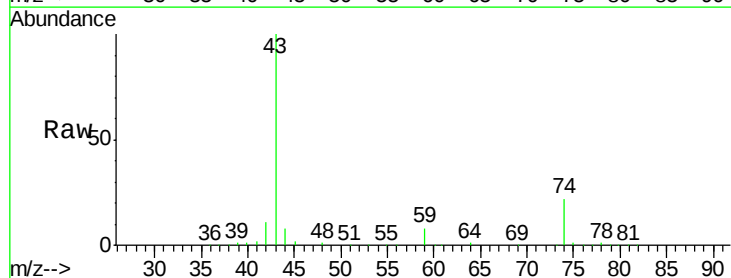
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

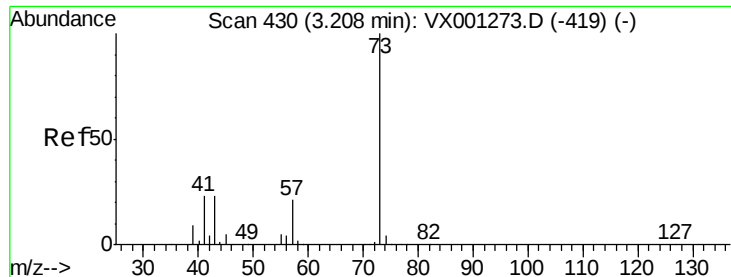
Tgt Ion: 76 Resp: 79797
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 27.18 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 43 Resp: 61832
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 22.74 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

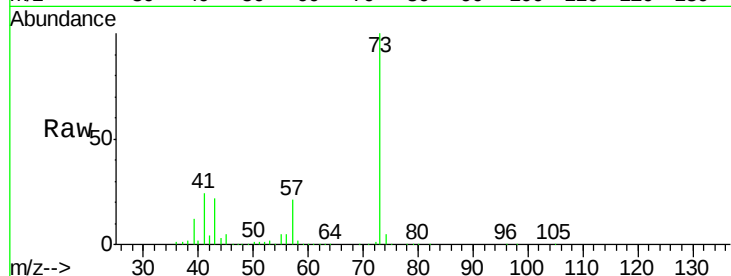
VX0502WBS02

Tgt Ion: 73 Resp: 126637

Ion Ratio Lower Upper

73 100

57 20.9 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

60000

50000

40000

30000

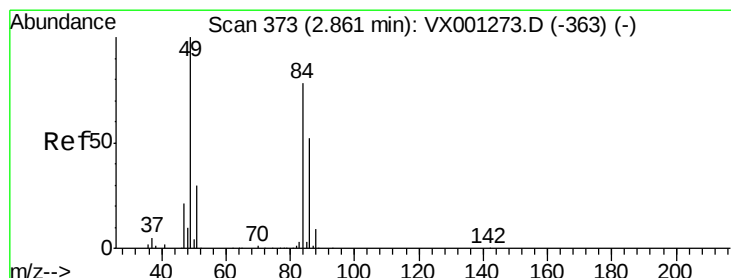
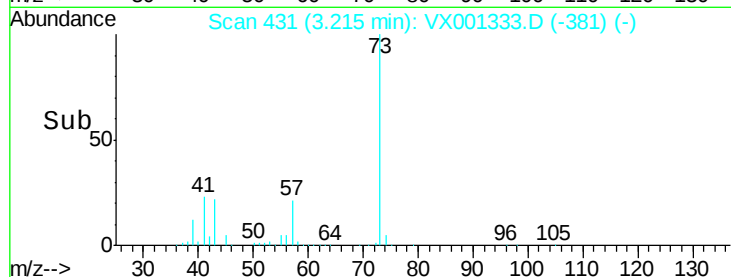
20000

10000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 22.20 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Tgt Ion: 84 Resp: 40113

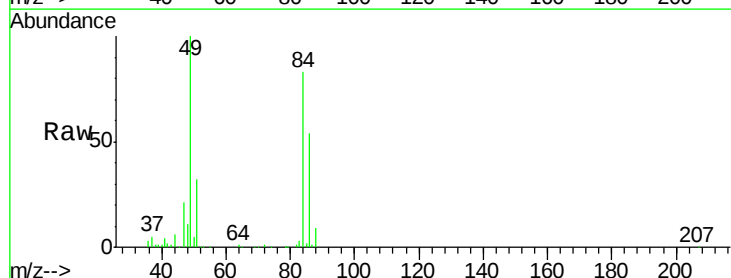
Ion Ratio Lower Upper

84 100

49 120.3 102.8 154.2

51 38.8 30.9 46.3

86 64.8 53.0 79.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

40000

30000

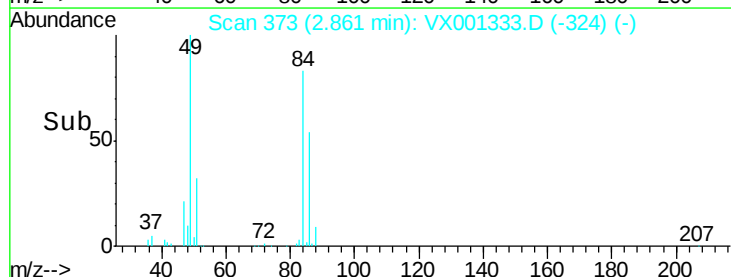
20000

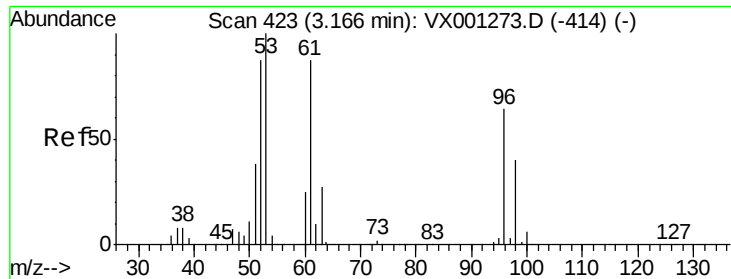
10000

0

2.75 2.80 2.85 2.90 2.95

Time-->





#21

trans-1,2-Dichloroethene

Concen: 20.93 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

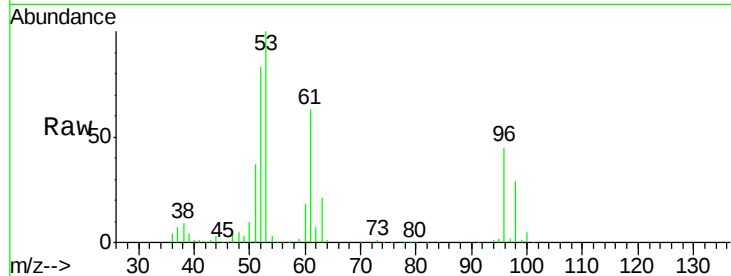
Tgt Ion: 96 Resp: 37249

Ion Ratio Lower Upper

96 100

61 141.1 108.6 162.8

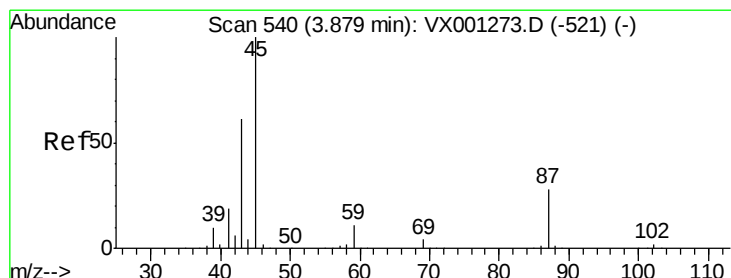
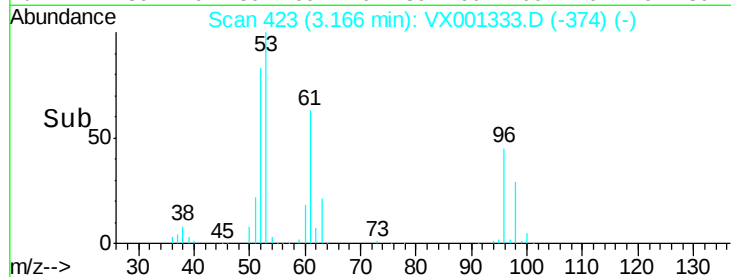
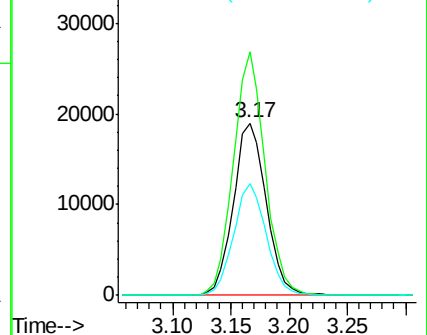
98 64.5 49.7 74.5



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: 22.75 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Tgt Ion: 45 Resp: 125333

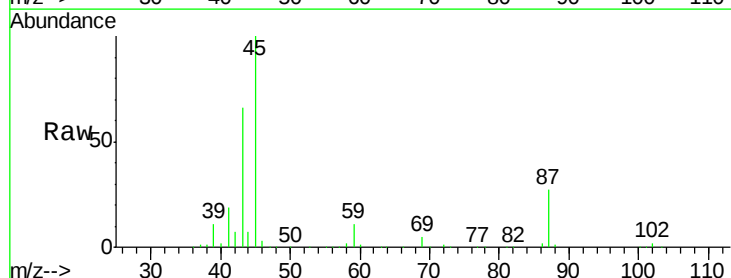
Ion Ratio Lower Upper

45 100

43 65.5 48.7 73.1

87 27.5 22.2 33.4

59 11.5 9.1 13.7

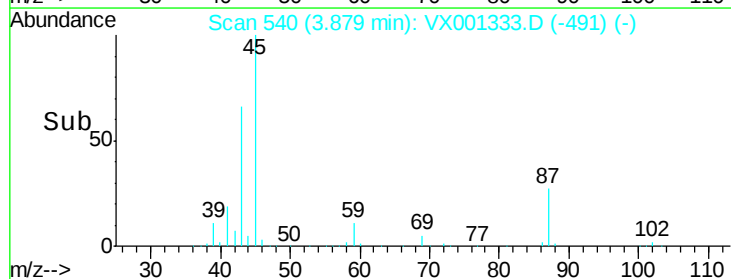
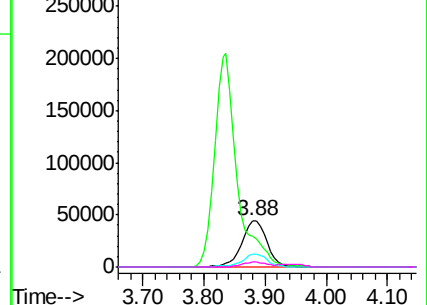


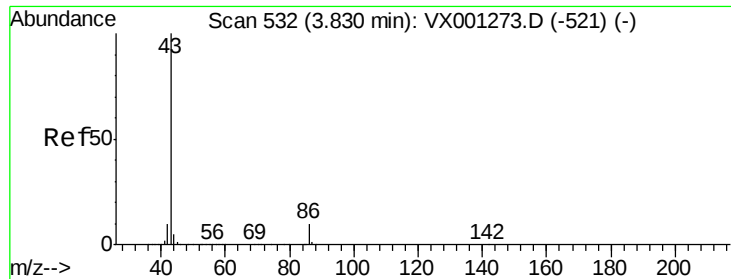
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 114.05 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

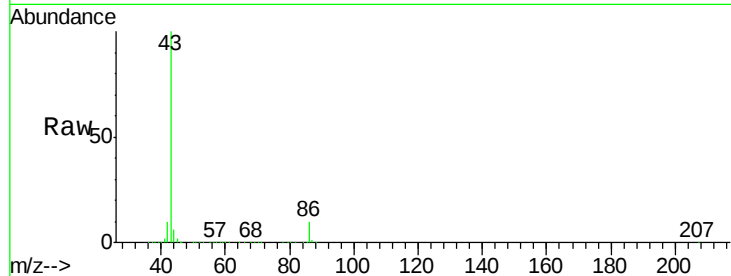
VX0502WBS02

Tgt Ion: 43 Resp: 532450

Ion Ratio Lower Upper

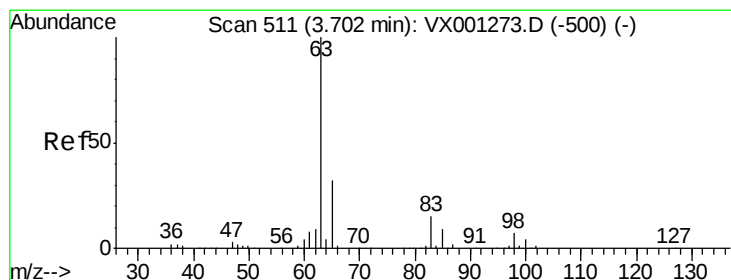
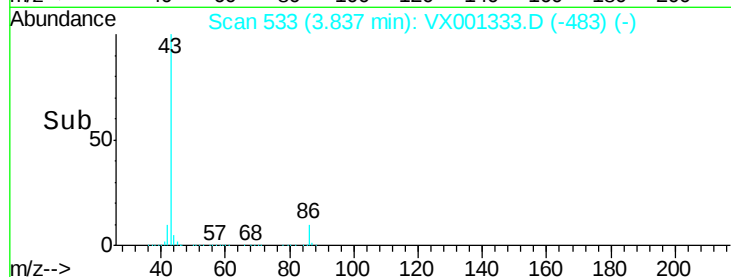
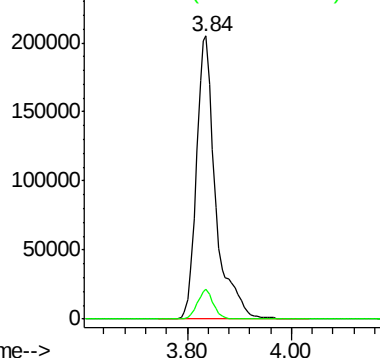
43 100

86 10.5 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.82 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

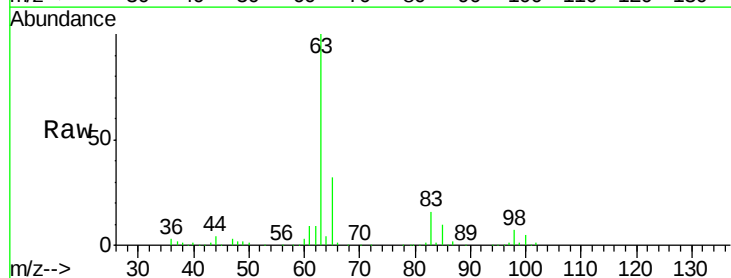
Tgt Ion: 63 Resp: 70025

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

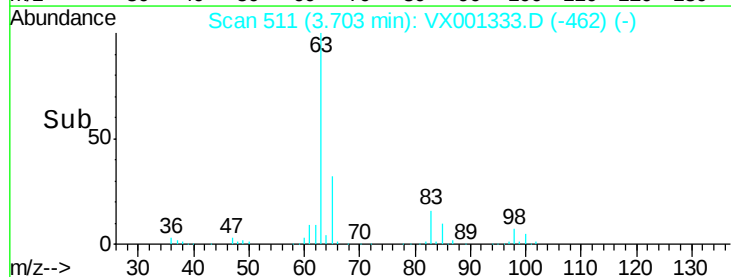
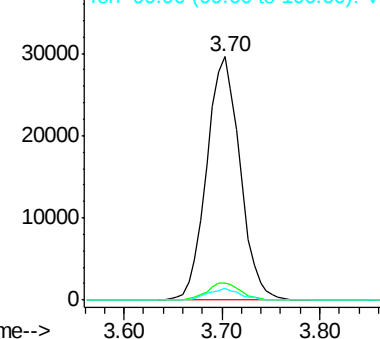
100 4.7 2.3 6.8

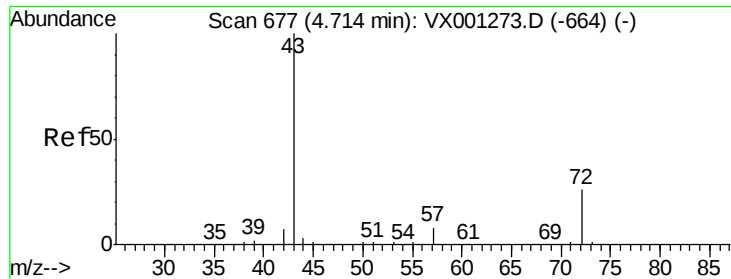


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 113.47 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

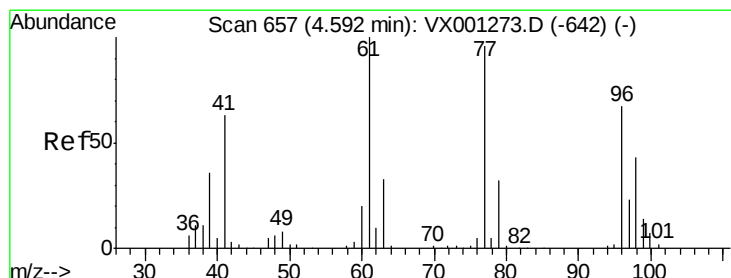
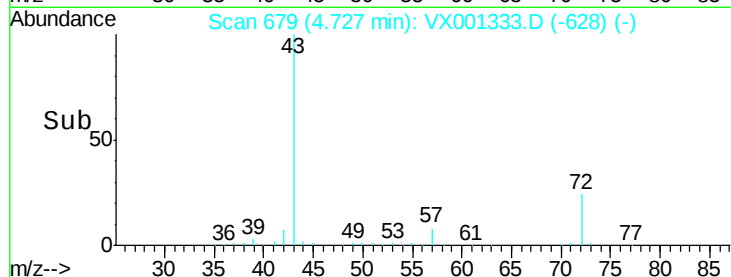
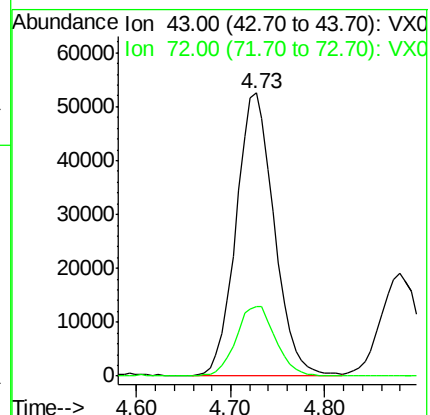
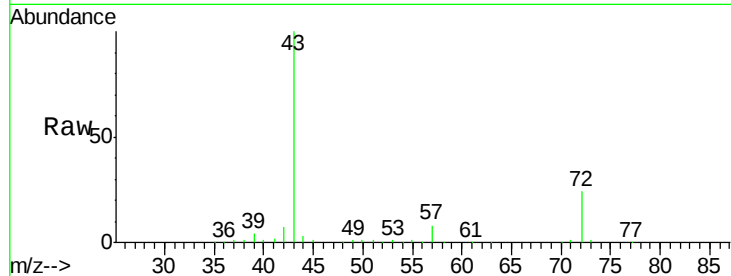
VX0502WBS02

Tgt Ion: 43 Resp: 147766

Ion Ratio Lower Upper

43 100

72 24.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 12.29 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001333.D

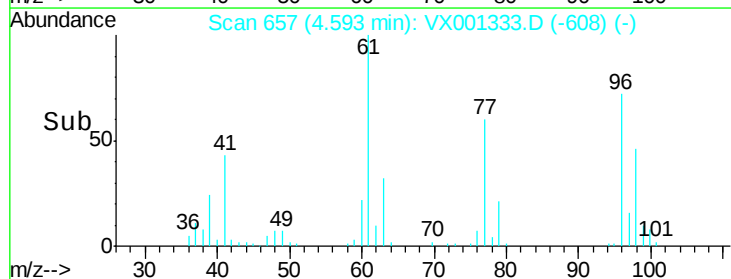
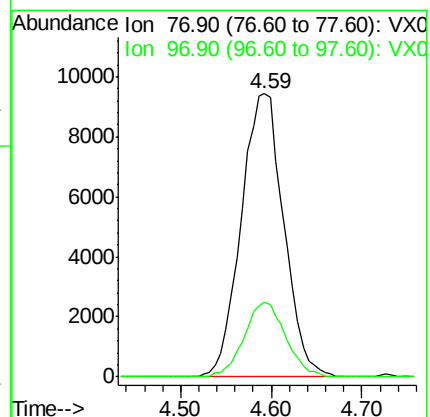
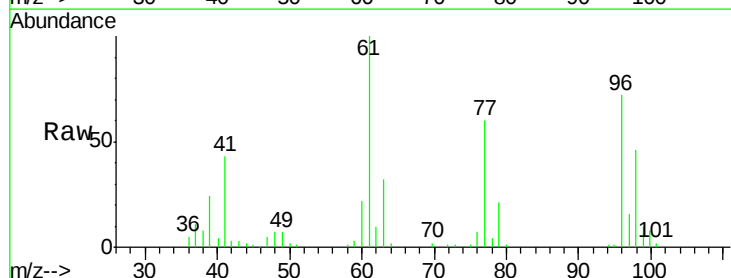
Acq: 02 May 2018 23:24

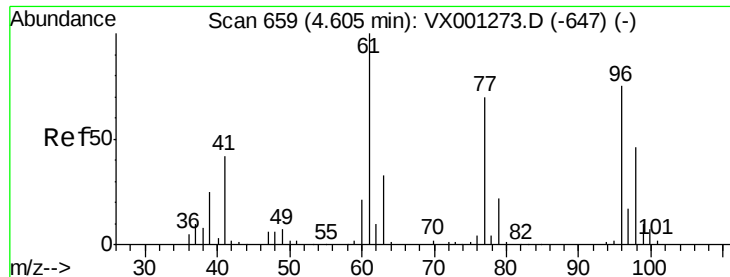
Tgt Ion: 77 Resp: 30702

Ion Ratio Lower Upper

77 100

97 25.6 11.8 35.3



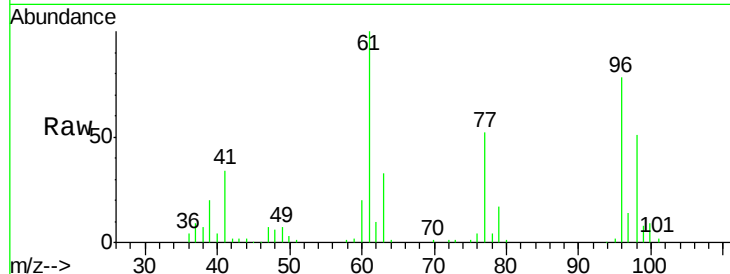


#27

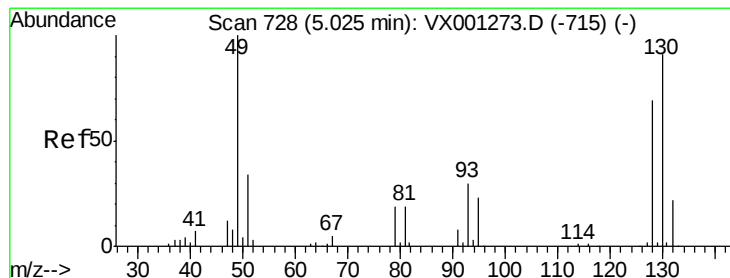
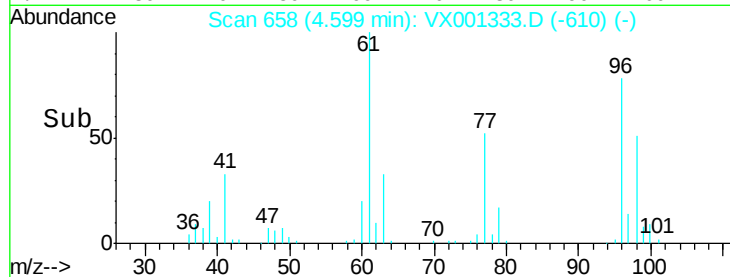
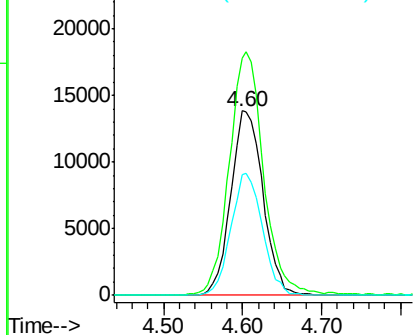
cis-1,2-Dichloroethene
 Concen: 20.15 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tgt Ion: 96 Resp: 39413
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 288.0
 98 64.6 0.0 130.2



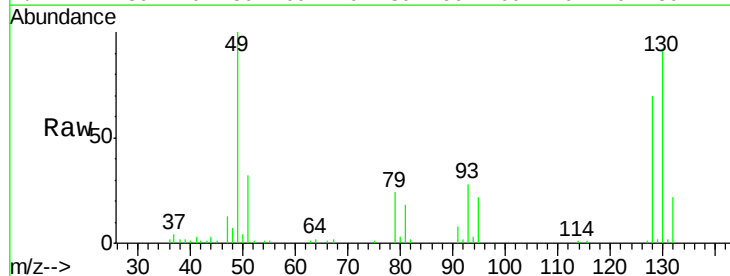
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



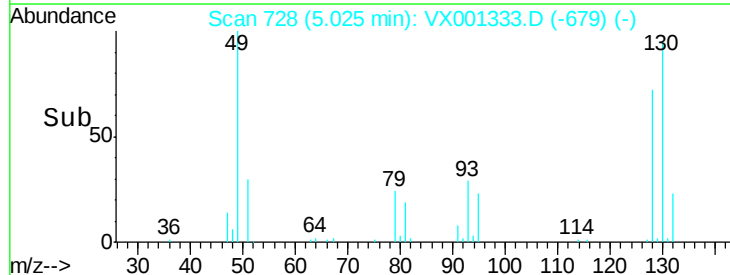
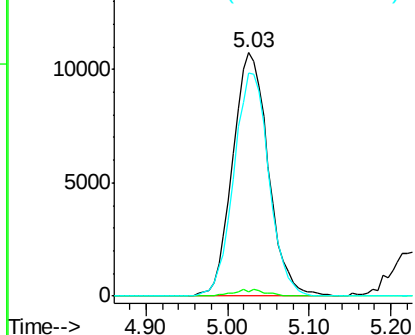
#28

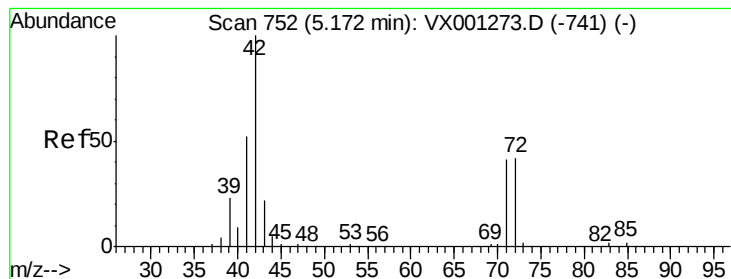
Bromochloromethane
 Concen: 23.54 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion: 49 Resp: 32475
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.8
 130 90.1 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: 117.34 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

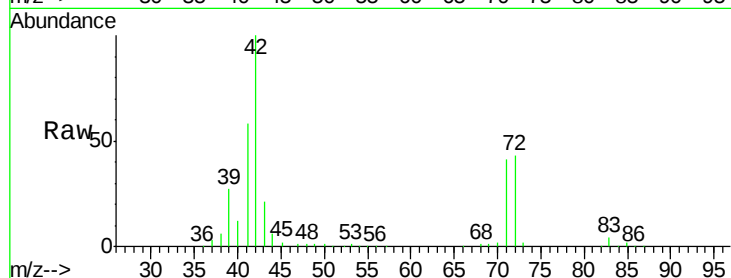
Tgt Ion: 42 Resp: 93971

Ion Ratio Lower Upper

42 100

72 44.4 34.6 52.0

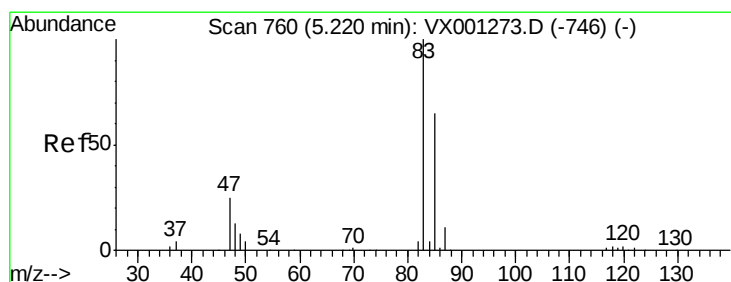
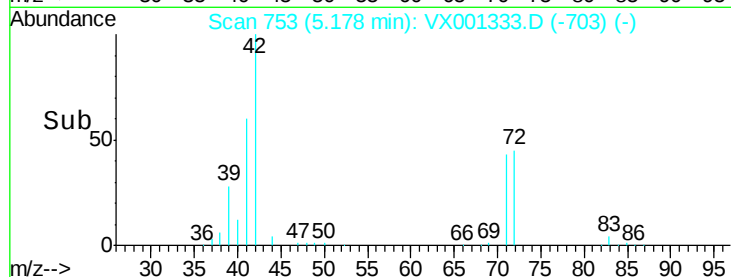
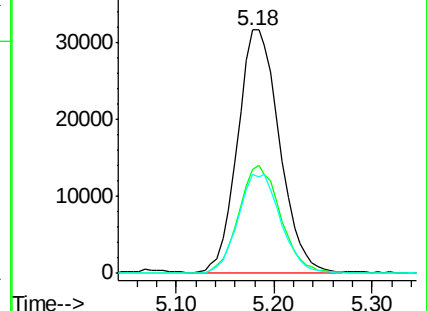
71 41.8 32.7 49.1



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: 20.58 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001333.D

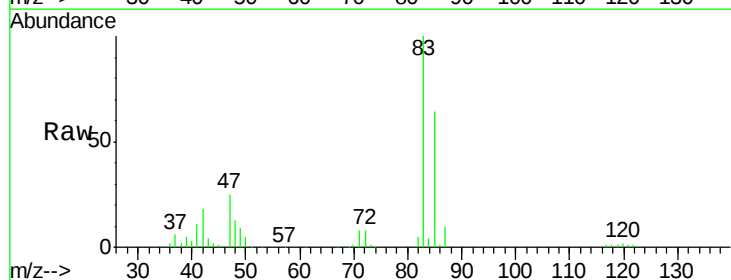
Acq: 02 May 2018 23:24

Tgt Ion: 83 Resp: 66748

Ion Ratio Lower Upper

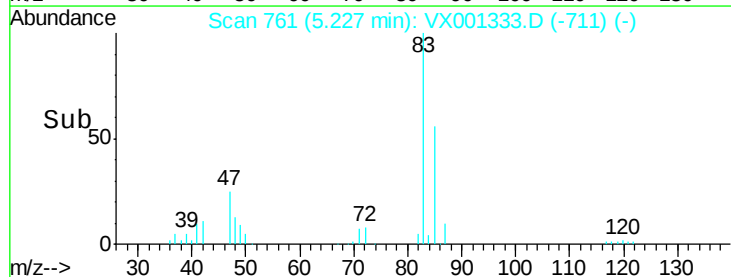
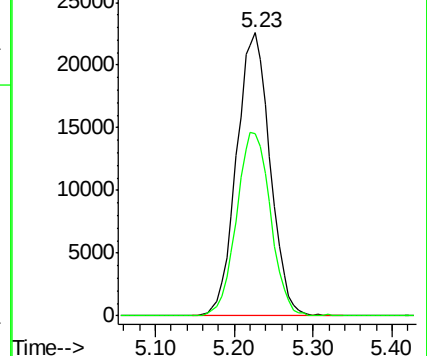
83 100

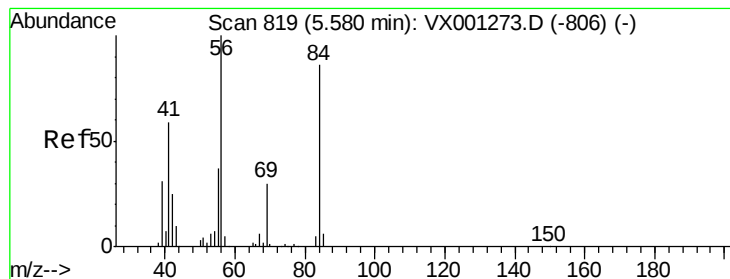
85 64.3 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.72 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

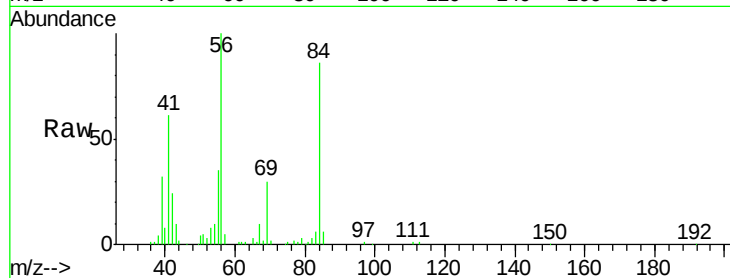
Tgt Ion: 56 Resp: 51882

Ion Ratio Lower Upper

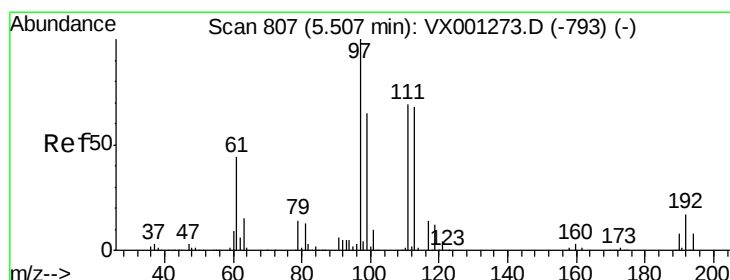
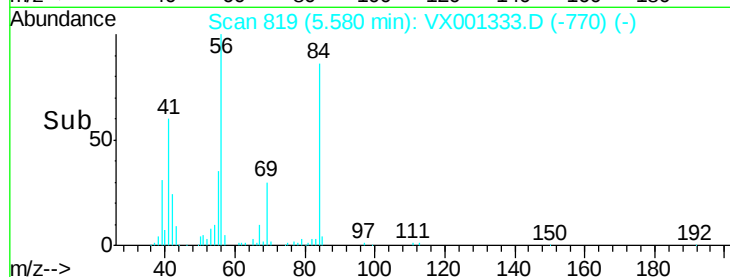
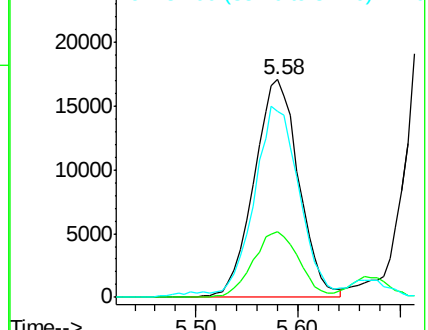
56 100

69 29.9 24.0 36.0

84 83.1 69.0 103.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.10 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

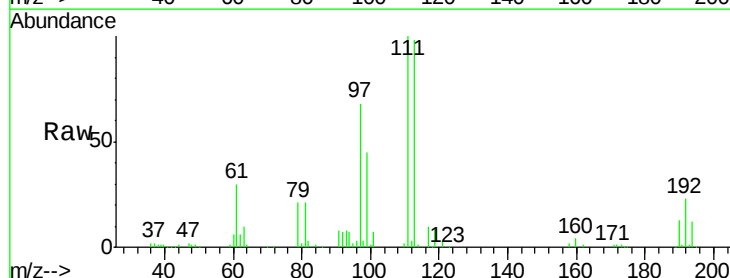
Tgt Ion: 97 Resp: 56982

Ion Ratio Lower Upper

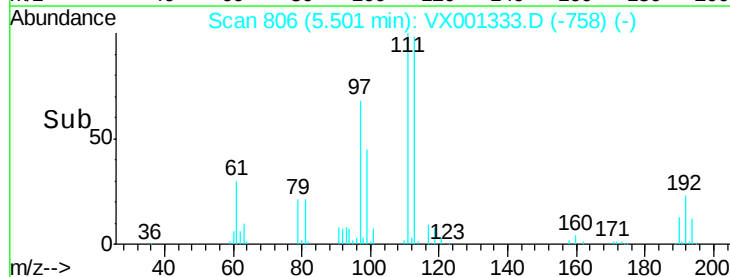
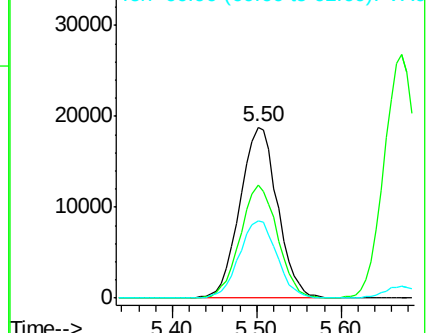
97 100

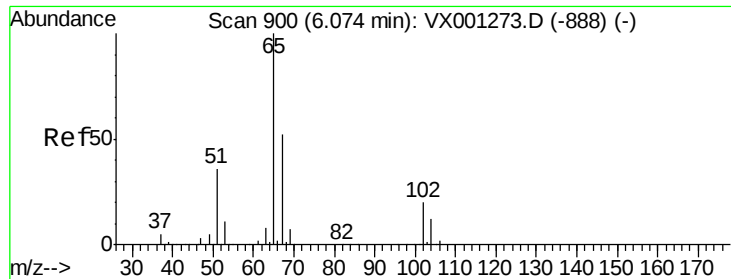
99 65.4 51.8 77.6

61 45.2 35.4 53.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.42 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

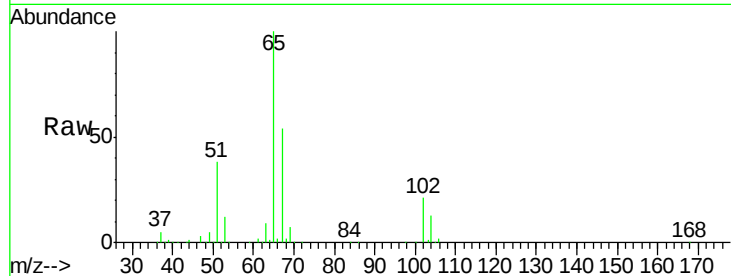
VX0502WBS02

Tgt Ion: 65 Resp: 109252

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.8

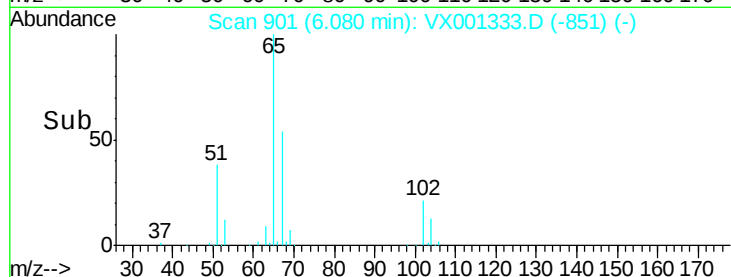


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

Time-->



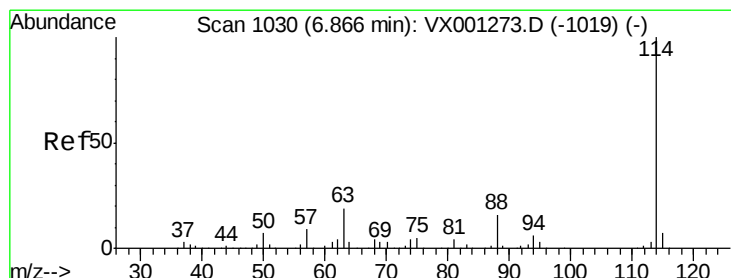
Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

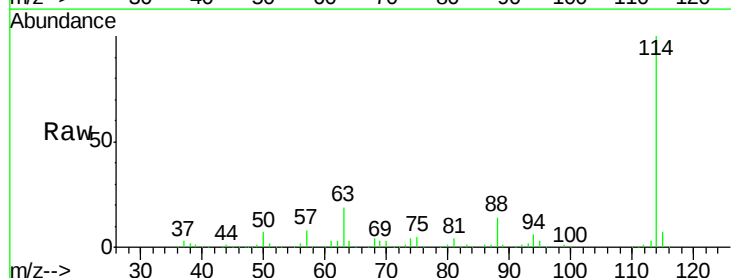
Tgt Ion: 114 Resp: 219264

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

88 14.3 0.0 32.2



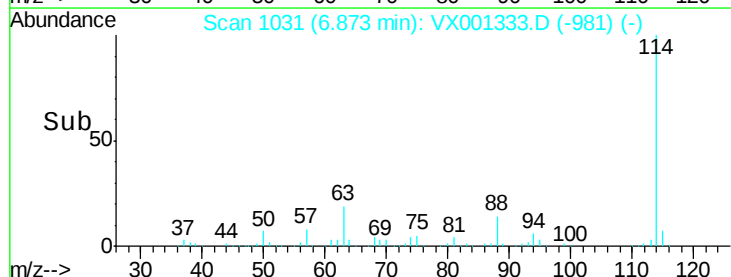
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

Time-->



Abundance

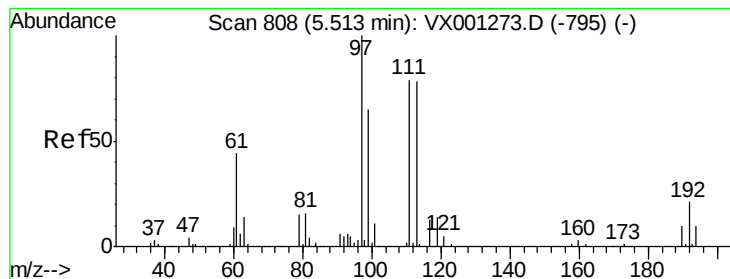
Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

Time-->



#35

Dibromofluoromethane

Concen: 49.27 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

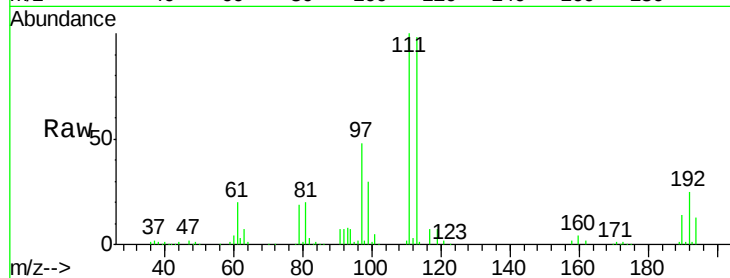
Tgt Ion:113 Resp: 93068

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

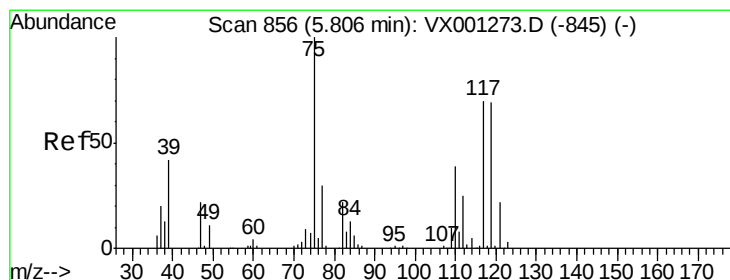
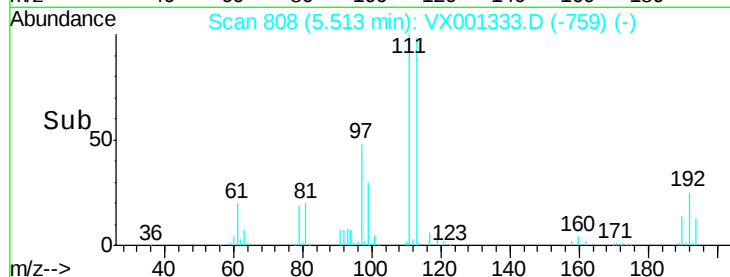
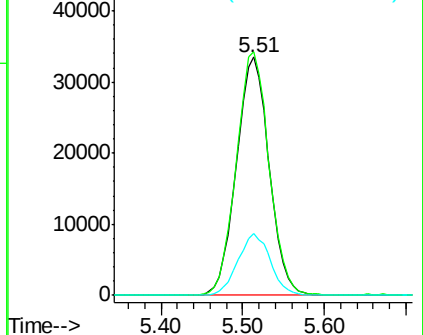
192 25.7 20.7 31.1



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: 17.95 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

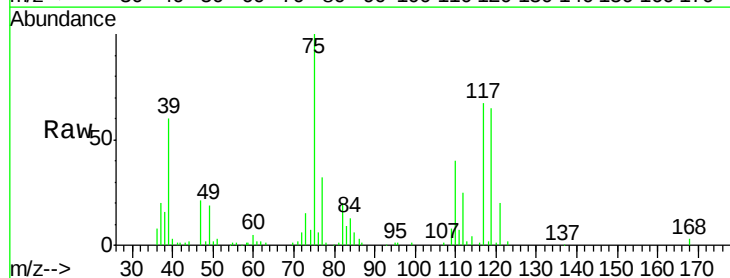
Tgt Ion: 75 Resp: 45420

Ion Ratio Lower Upper

75 100

110 38.7 18.9 56.9

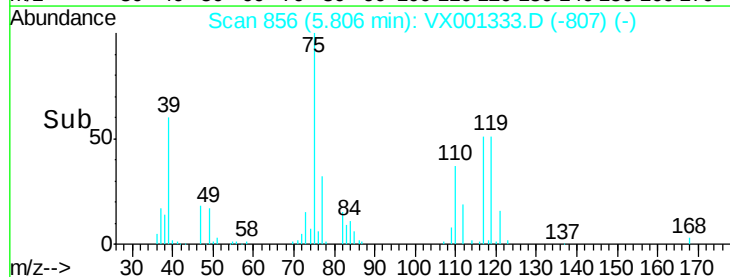
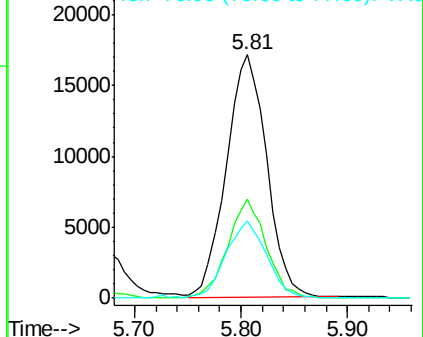
77 32.2 24.2 36.2

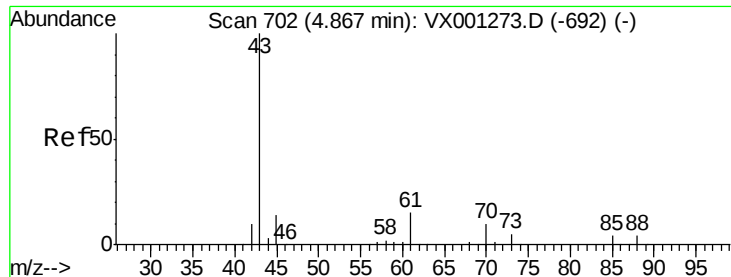


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

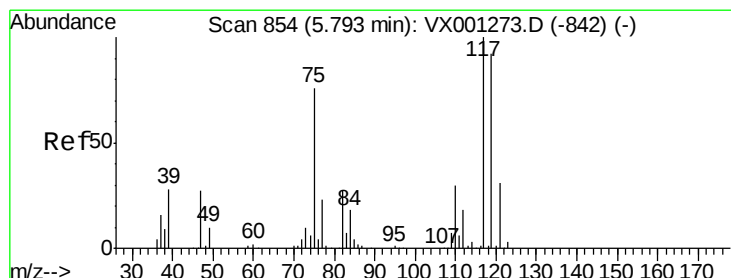
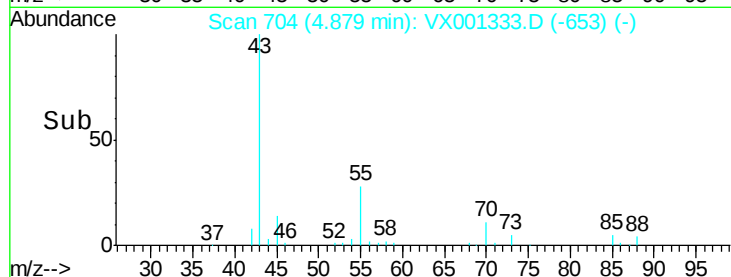
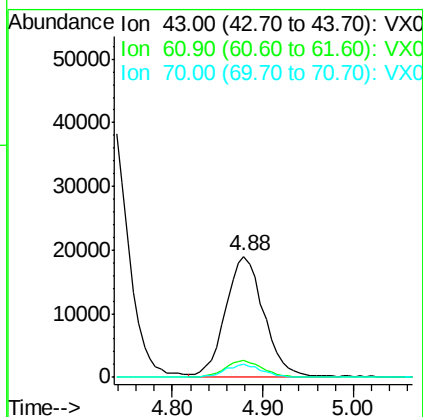
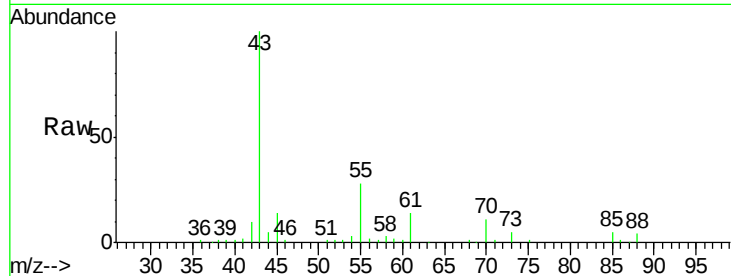




#37
Ethyl Acetate
Concen: 21.53 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

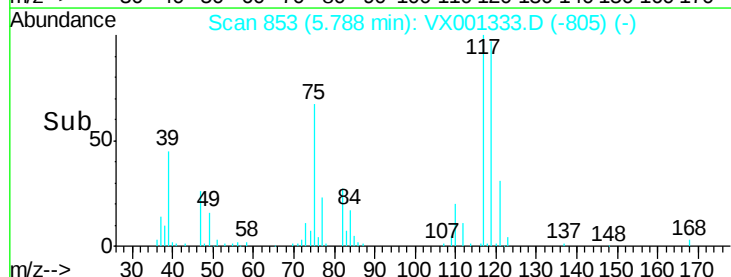
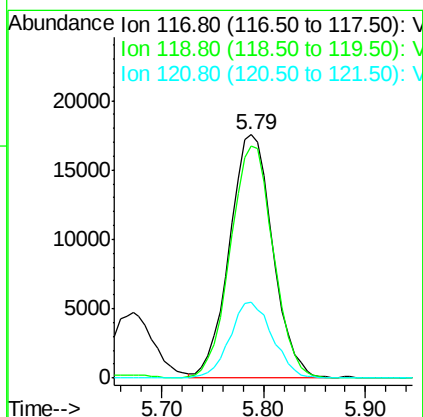
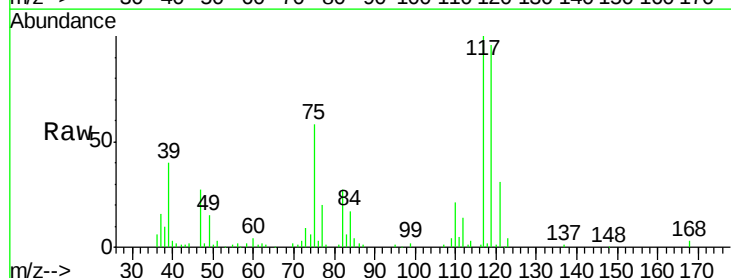
Instrument :
MSVOA_X
ClientSampled :
VX0502WBS02

Tgt Ion: 43 Resp: 55008
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.47 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 117 Resp: 51609
Ion Ratio Lower Upper
117 100
119 95.5 73.4 110.2
121 31.3 25.0 37.4

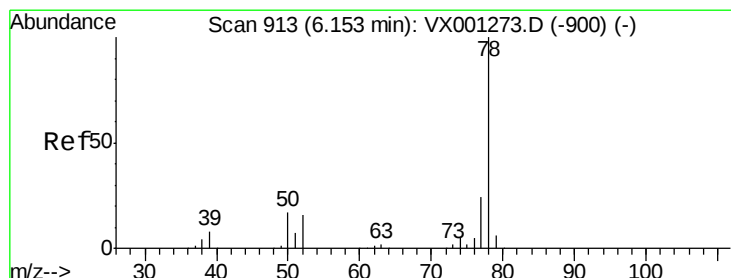
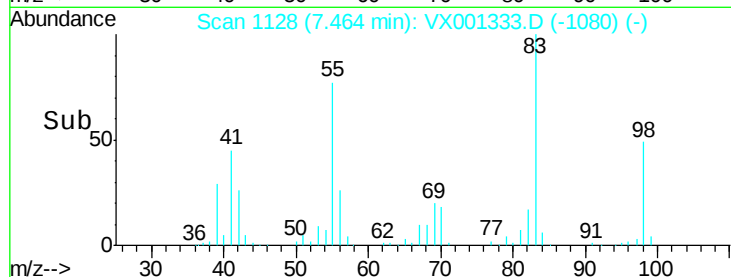
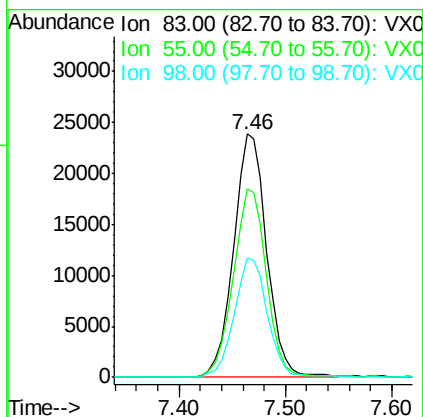
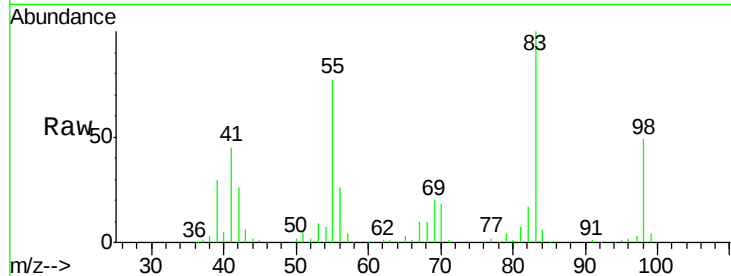




#39
Methylcyclohexane
Concen: 17.40 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

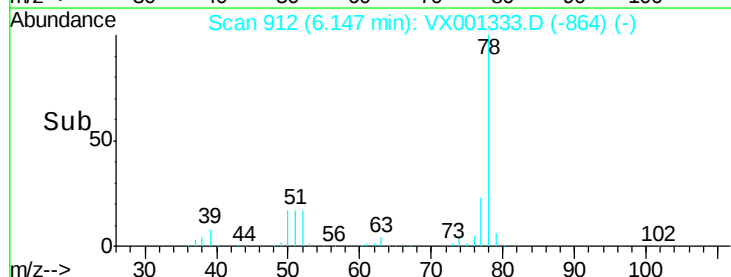
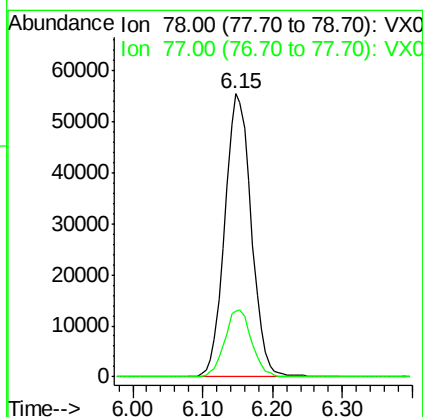
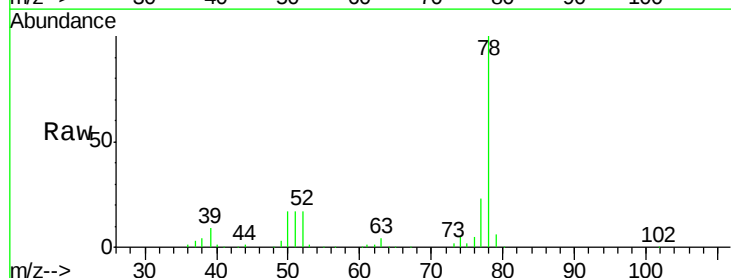
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

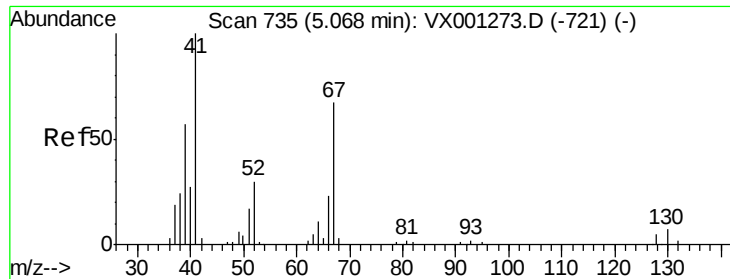
Tgt Ion: 83 Resp: 52083
Ion Ratio Lower Upper
83 100
55 77.5 60.4 90.6
98 49.0 37.0 55.6



#40
Benzene
Concen: 20.09 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 78 Resp: 146221
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





#41

Methacrylonitrile

Concen: 21.06 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tgt Ion: 41 Resp: 31336

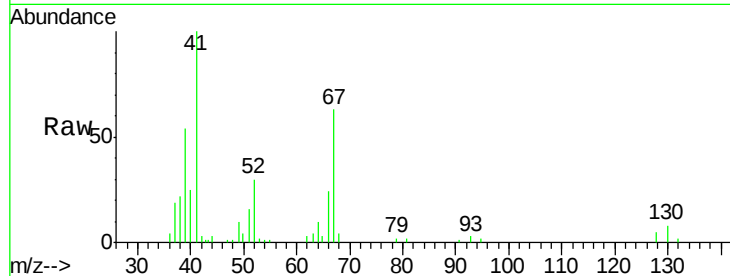
Ion Ratio Lower Upper

41 100

39 56.6 45.8 68.8

67 69.4 54.8 82.2

52 30.6 24.6 37.0

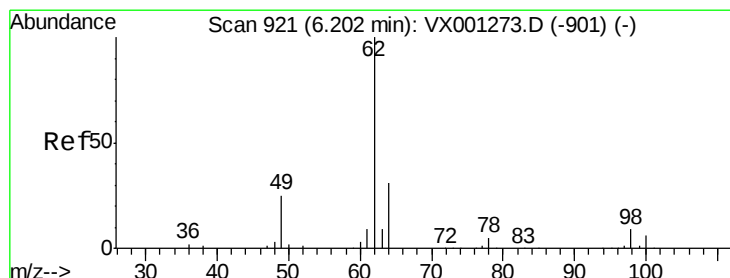
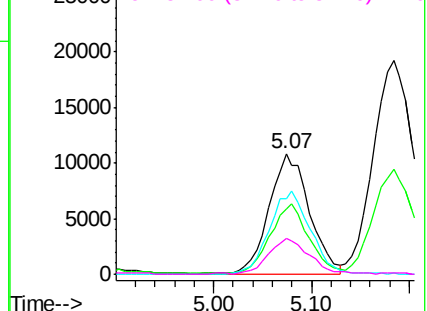
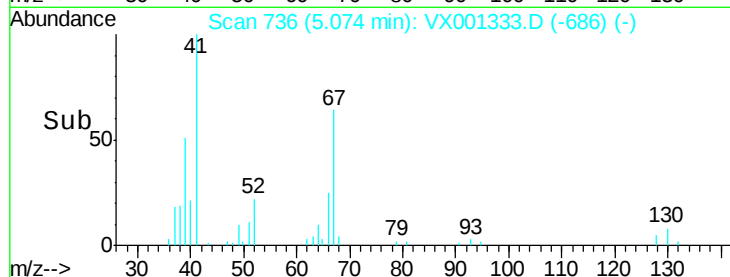


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.49 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001333.D

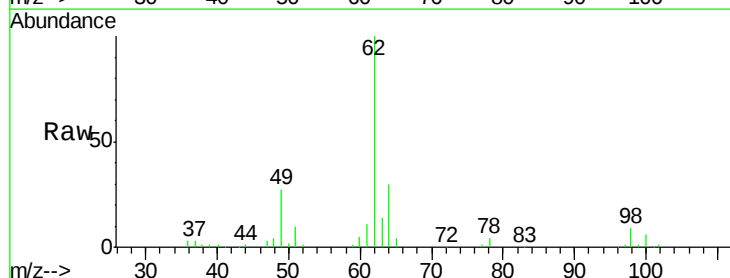
Acq: 02 May 2018 23:24

Tgt Ion: 62 Resp: 54943

Ion Ratio Lower Upper

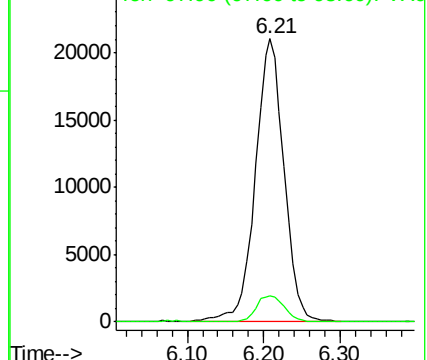
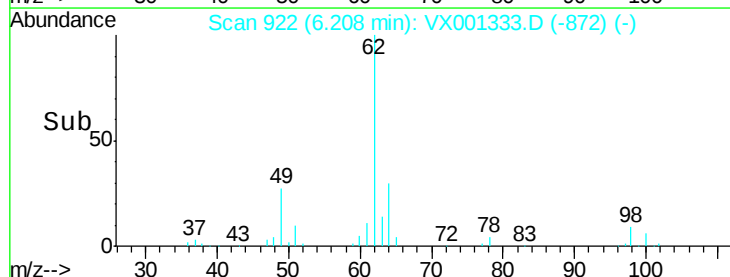
62 100

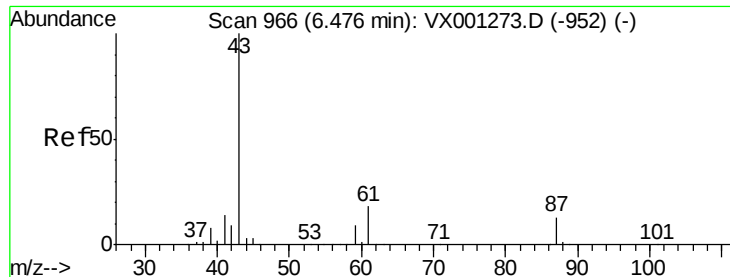
98 9.1 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

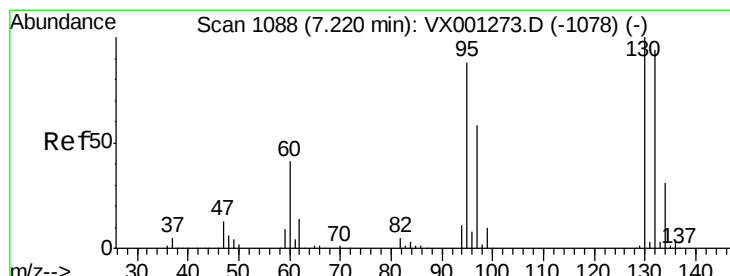
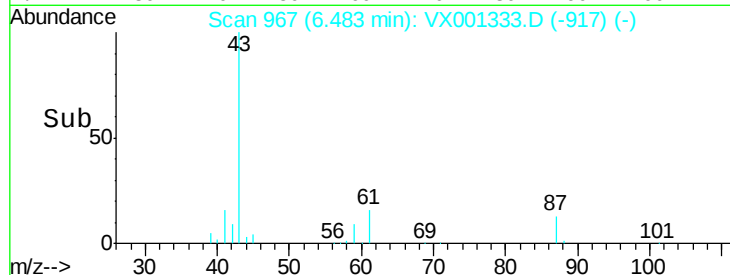
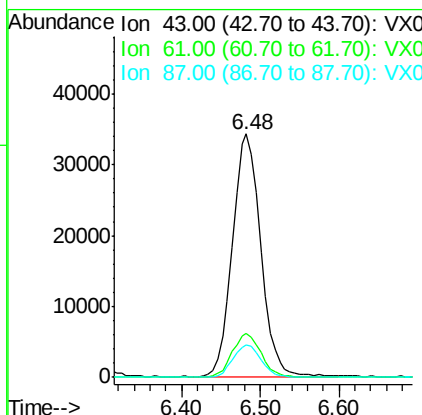
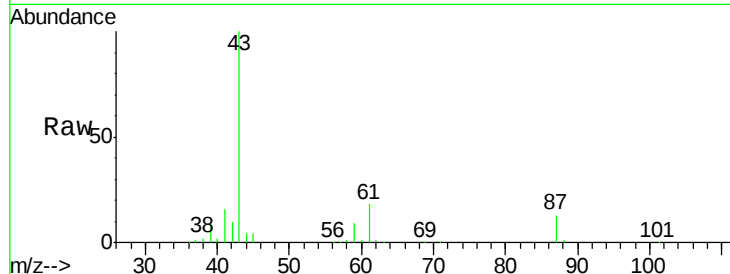




#43
Isopropyl Acetate
Concen: 20.74 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

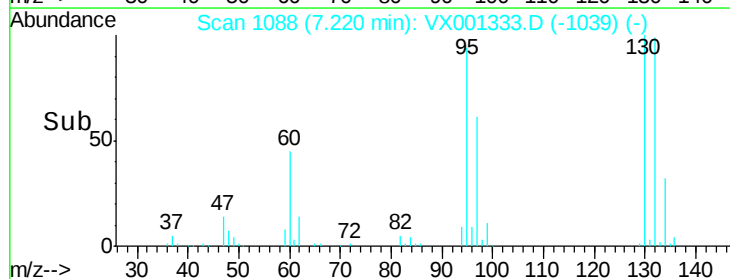
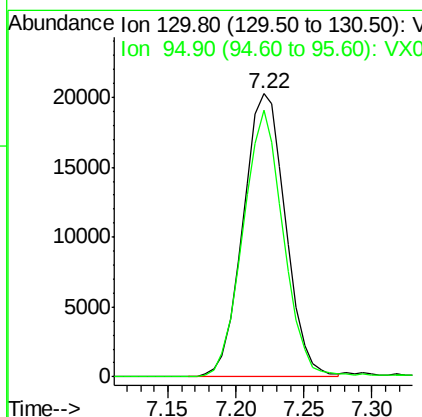
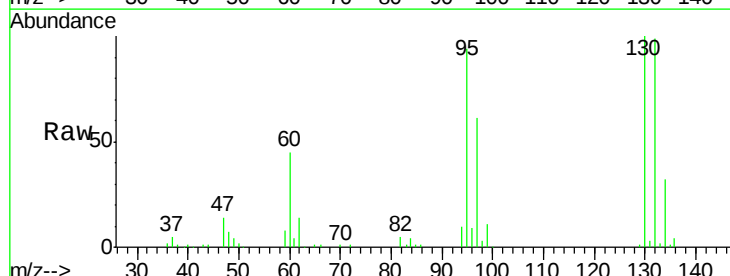
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

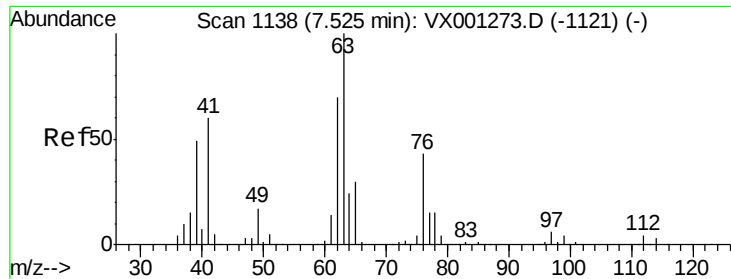
Tgt Ion: 43 Resp: 85818
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.4
87 13.4 10.2 15.4



#44
Trichloroethene
Concen: 19.83 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 130 Resp: 44194
Ion Ratio Lower Upper
130 100
95 94.4 0.0 176.0

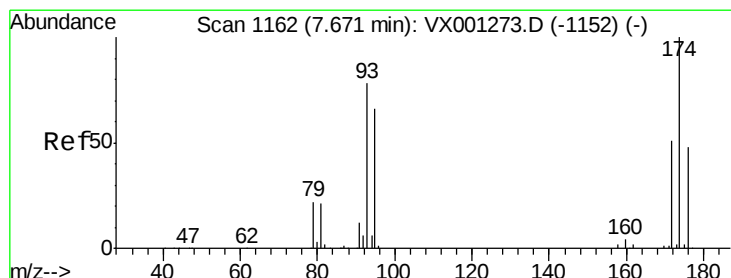
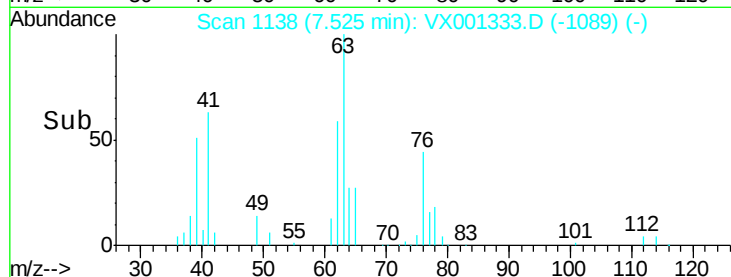
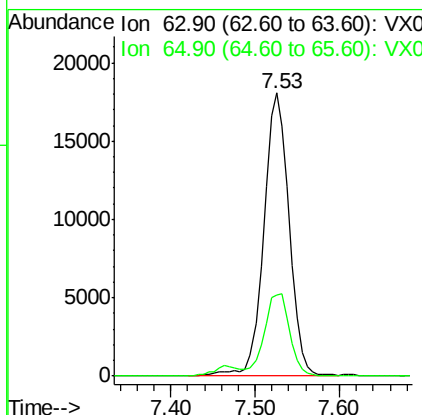
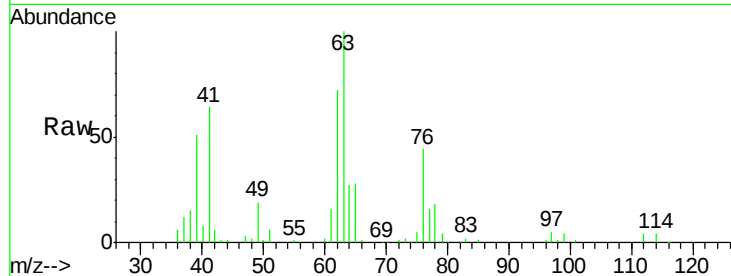




#45
 1,2-Dichloropropane
 Concen: 20.05 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

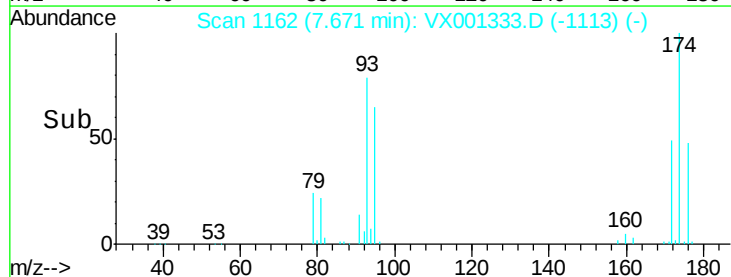
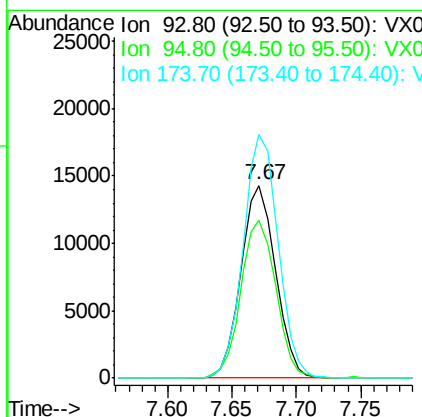
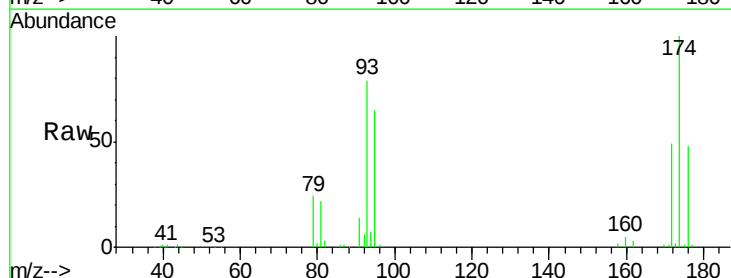
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

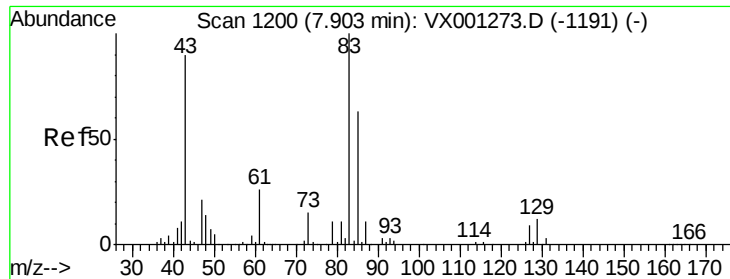
Tgt Ion: 63 Resp: 37486
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.2 36.4



#46
 Dibromomethane
 Concen: 20.38 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion: 93 Resp: 26704
 Ion Ratio Lower Upper
 93 100
 95 82.4 67.0 100.6
 174 127.0 102.3 153.5





#47

Bromodichloromethane

Concen: 19.80 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

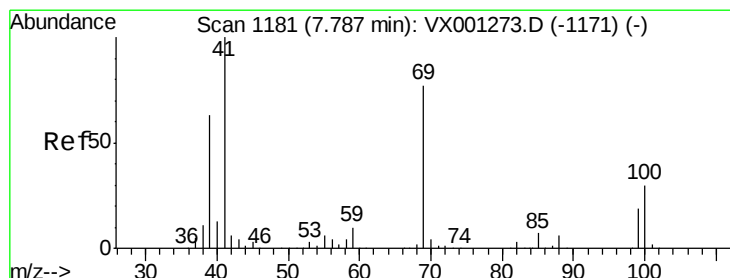
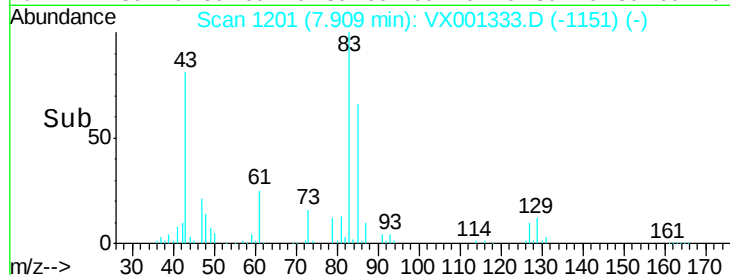
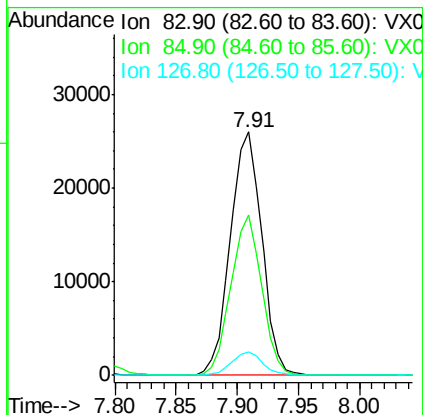
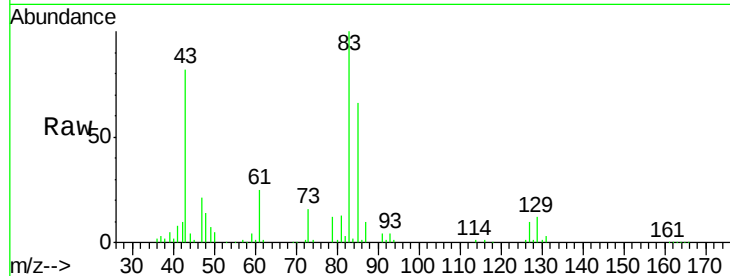
Tgt Ion: 83 Resp: 46401

Ion Ratio Lower Upper

83 100

85 65.7 50.3 75.5

127 9.7 7.4 11.2



#48

Methyl methacrylate

Concen: 20.61 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

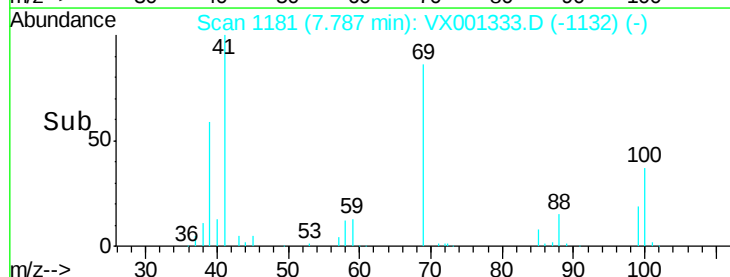
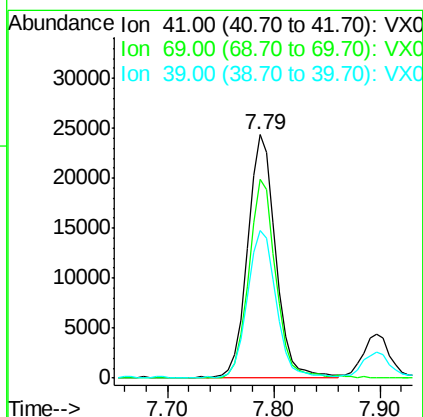
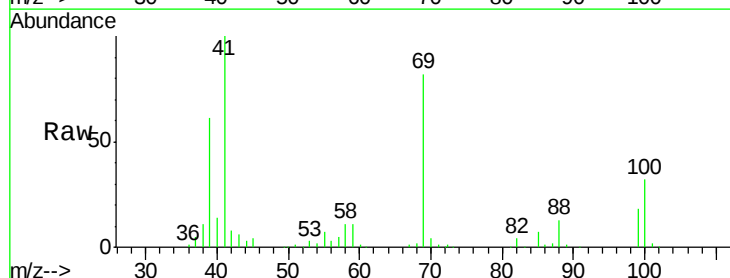
Tgt Ion: 41 Resp: 45321

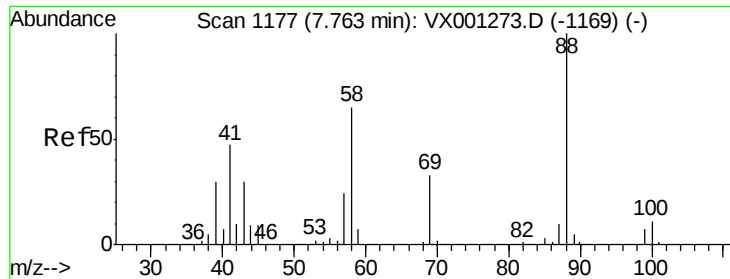
Ion Ratio Lower Upper

41 100

69 78.3 63.0 94.6

39 61.2 50.2 75.4

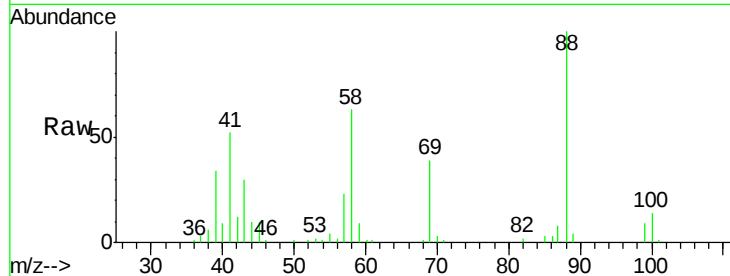




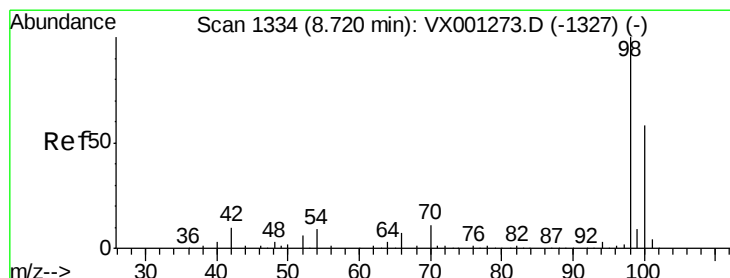
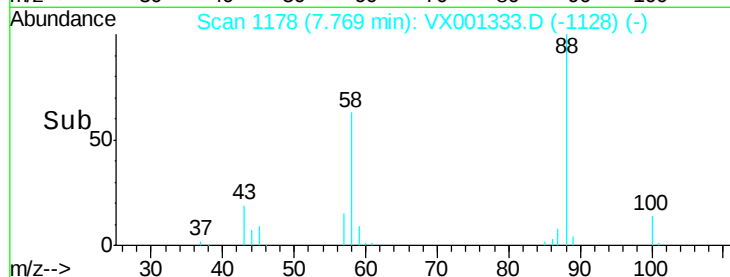
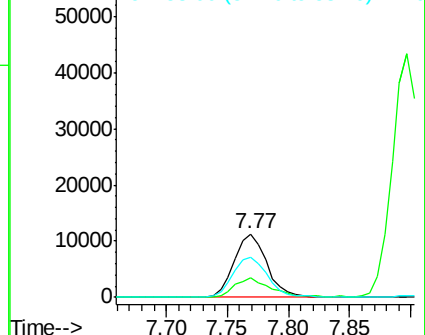
#49
1,4-Dioxane
Concen: 499.89 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tgt Ion: 88 Resp: 20746
Ion Ratio Lower Upper
88 100
43 33.0 27.9 41.9
58 68.6 54.2 81.2

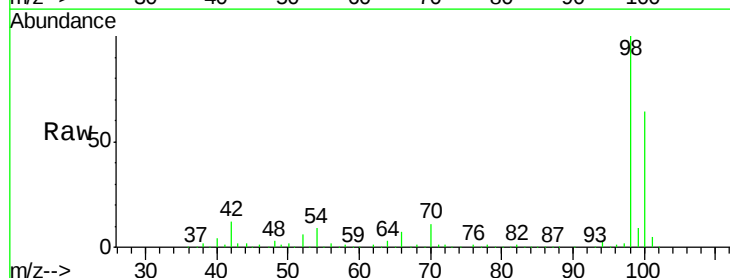


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

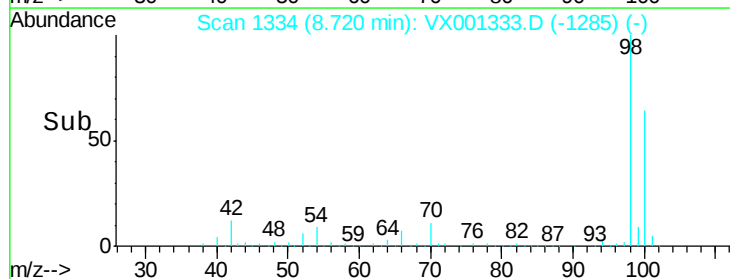
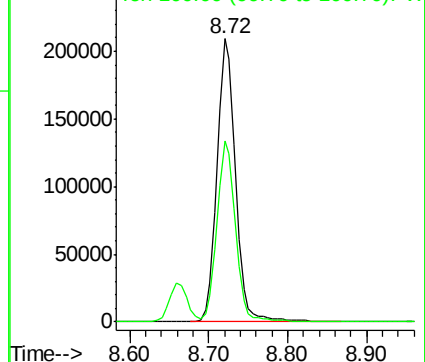


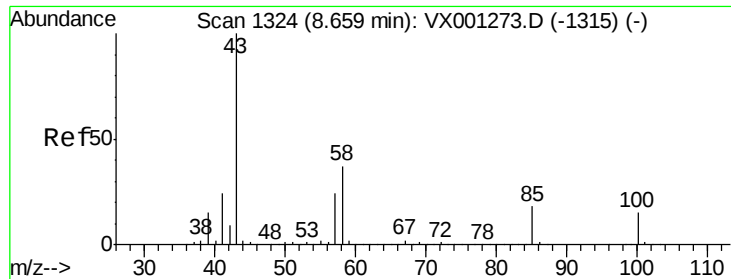
#50
Toluene-d8
Concen: 50.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 98 Resp: 342196
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.4



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

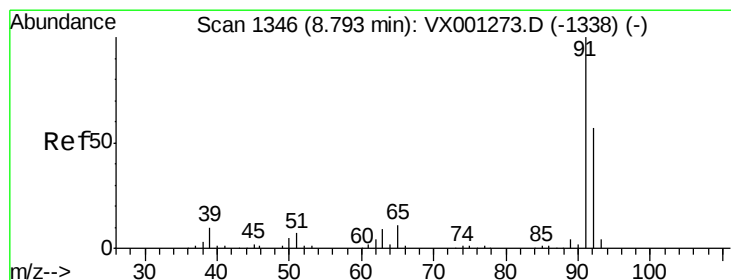
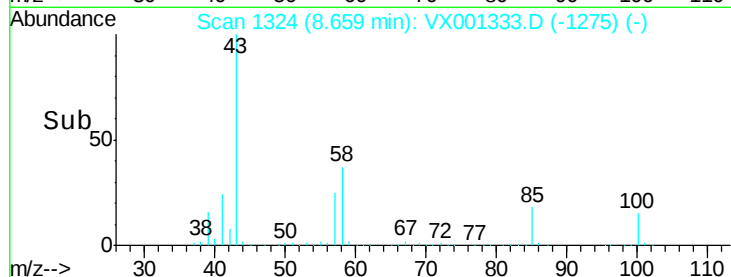
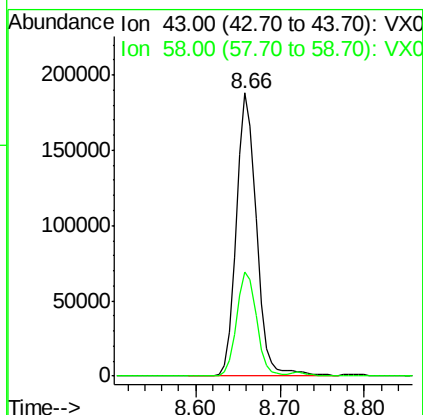
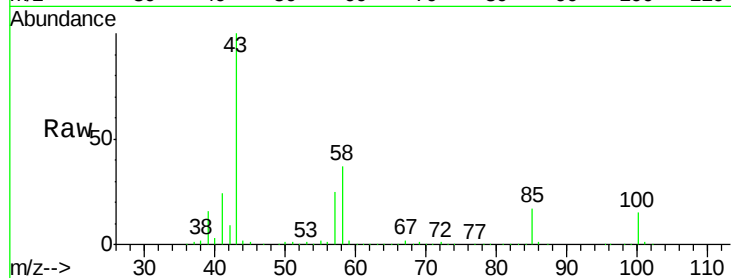




#51
 4-Methyl-2-Pentanone
 Concen: 113.22 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

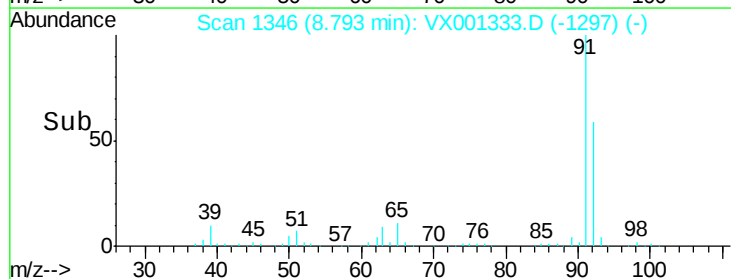
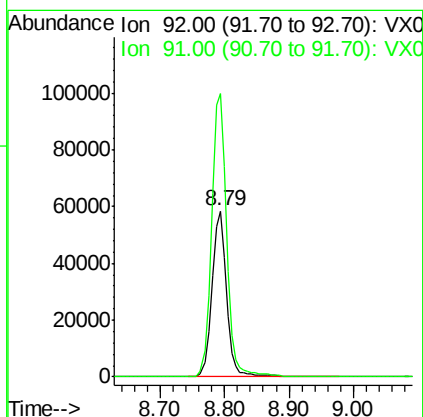
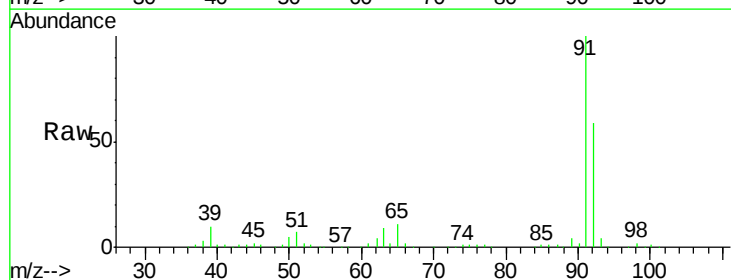
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

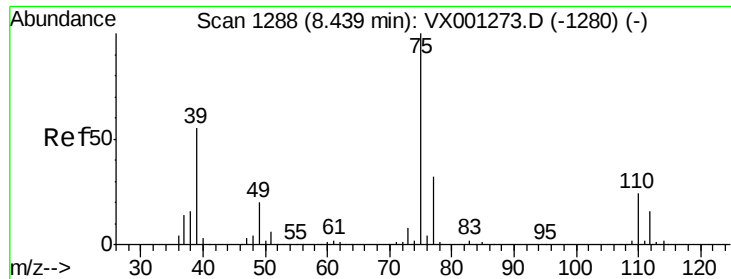
Tgt Ion: 43 Resp: 301953
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.6



#52
 Toluene
 Concen: 19.69 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion: 92 Resp: 93713
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 17.79 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

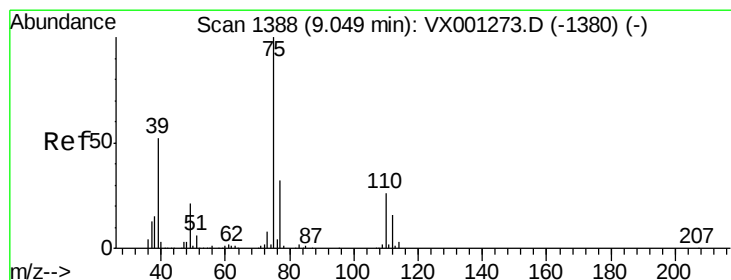
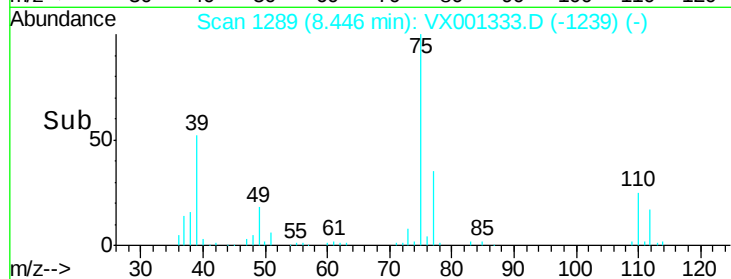
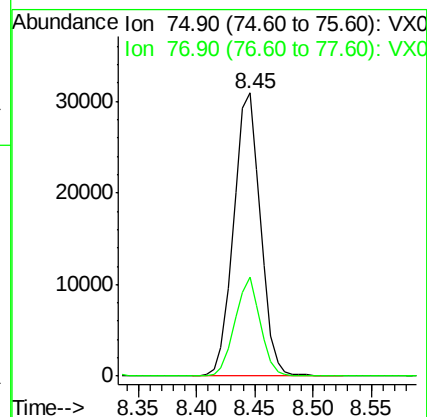
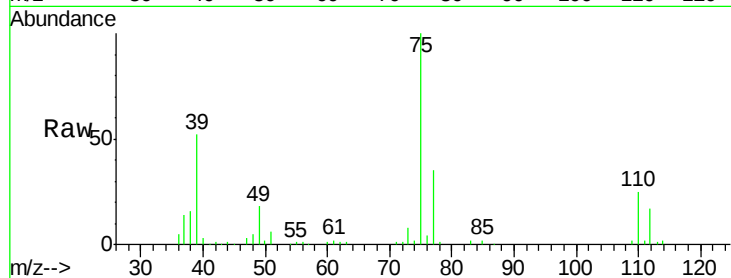
VX0502WBS02

Tgt Ion: 75 Resp: 49572

Ion Ratio Lower Upper

75 100

77 34.9 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 17.49 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

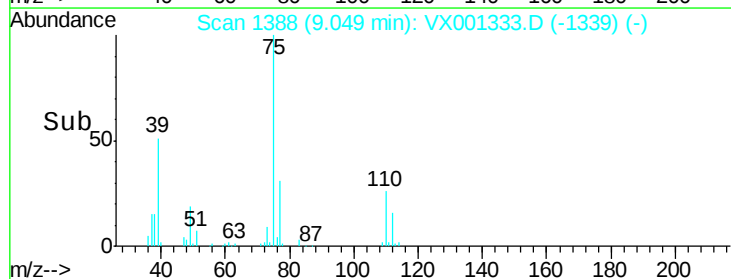
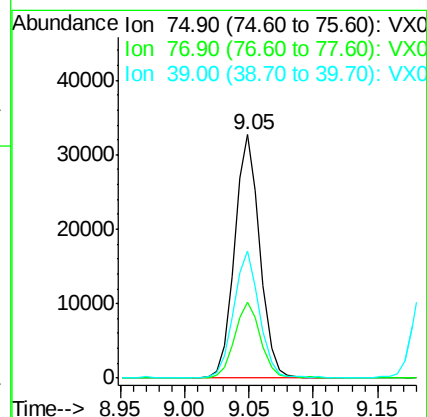
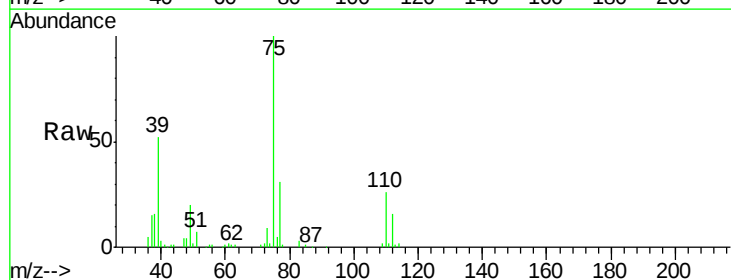
Tgt Ion: 75 Resp: 44831

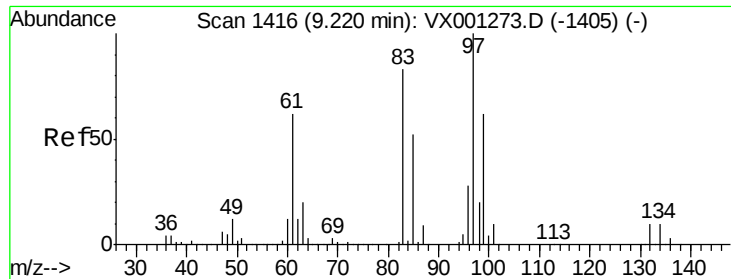
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 51.9 41.9 62.9

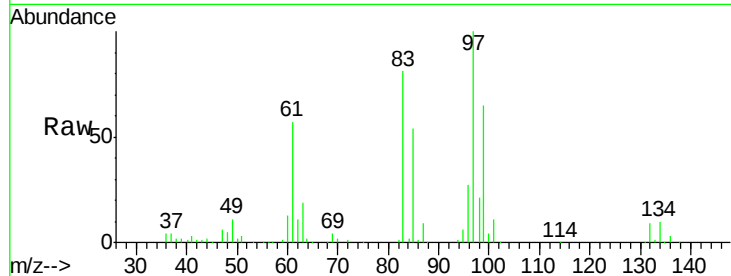




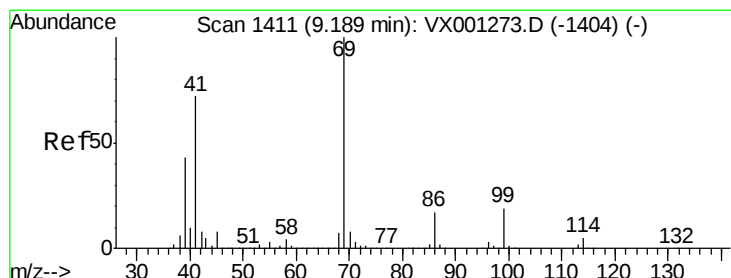
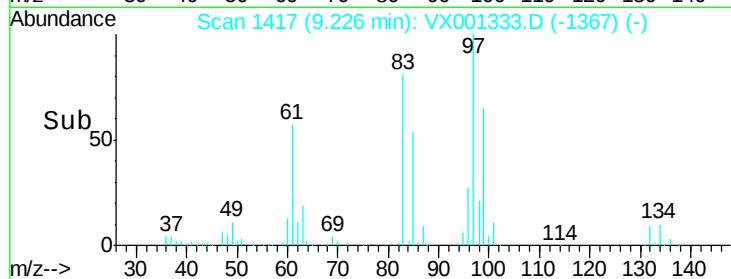
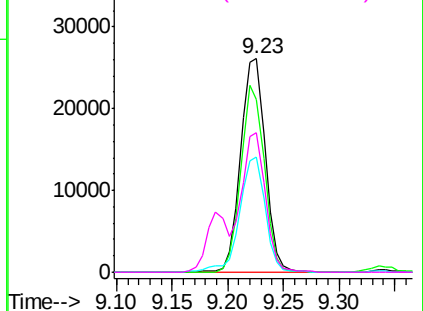
#55
 1,1,2-Trichloroethane
 Concen: 20.96 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tgt Ion:	97	Resp:	40281
Ion	Ratio	Lower	Upper
97	100		
83	80.9	66.4	99.6
85	54.0	41.6	62.4
99	65.1	49.3	73.9

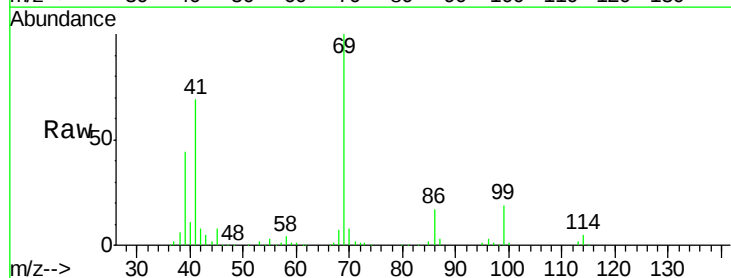


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

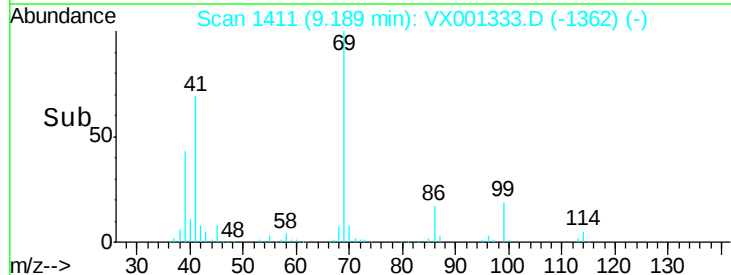
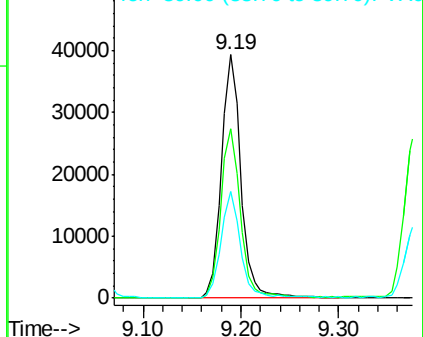


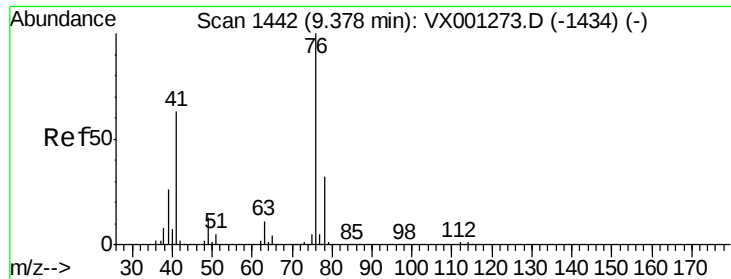
#56
 Ethyl methacrylate
 Concen: 20.60 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion:	69	Resp:	54859
Ion	Ratio	Lower	Upper
69	100		
41	69.8	57.2	85.8
39	43.6	34.3	51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.33 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

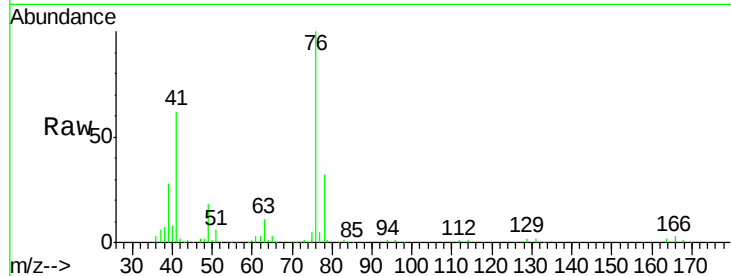
VX0502WBS02

Tgt Ion: 76 Resp: 62874

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

50000

40000

30000

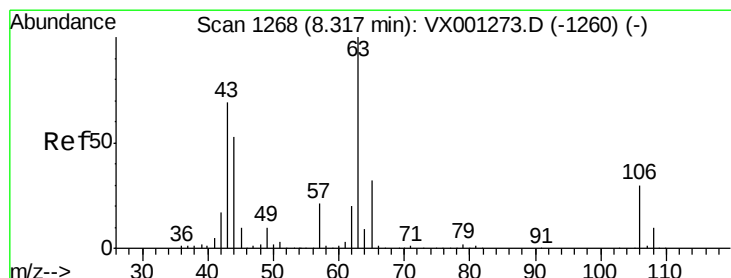
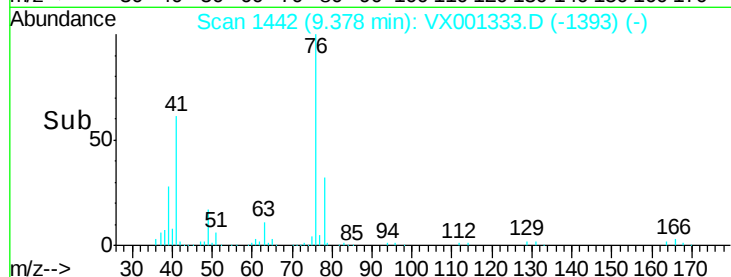
20000

10000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 105.31 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001333.D

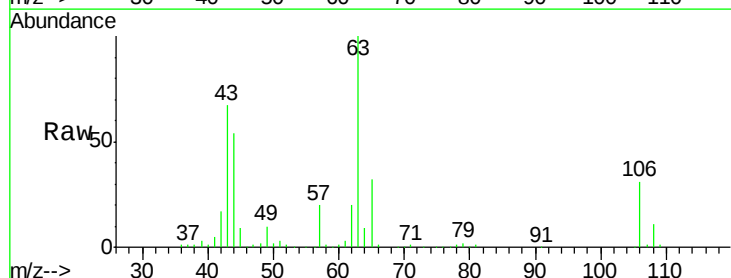
Acq: 02 May 2018 23:24

Tgt Ion: 63 Resp: 135322

Ion Ratio Lower Upper

63 100

106 30.0 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

100000

80000

60000

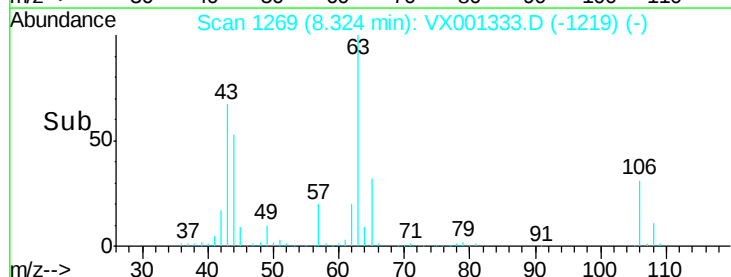
40000

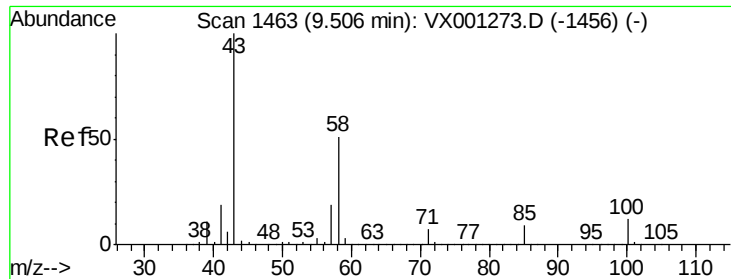
20000

0

8.30 8.40

Time-->

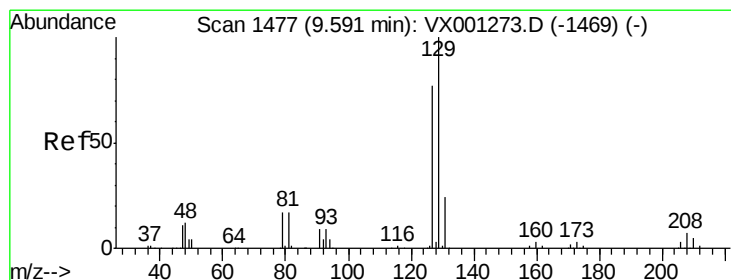
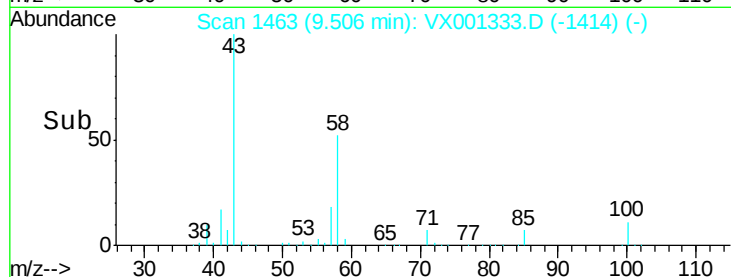
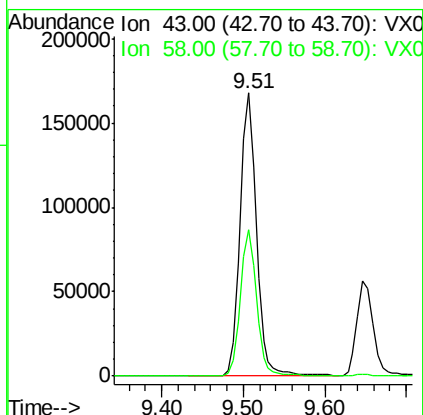
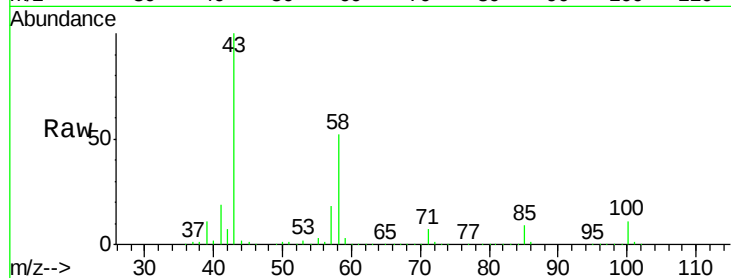




#59
2-Hexanone
Concen: 111.32 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

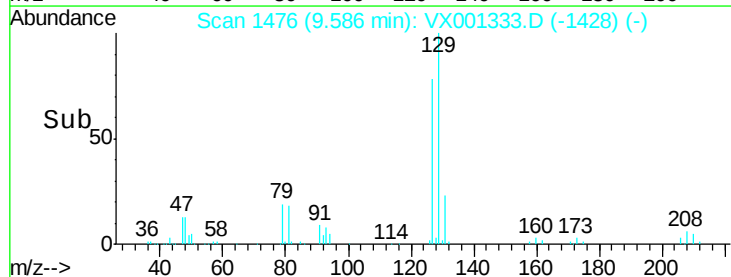
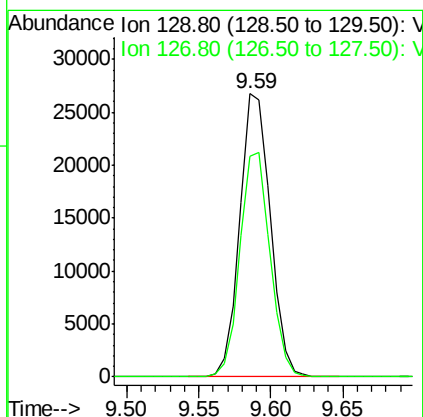
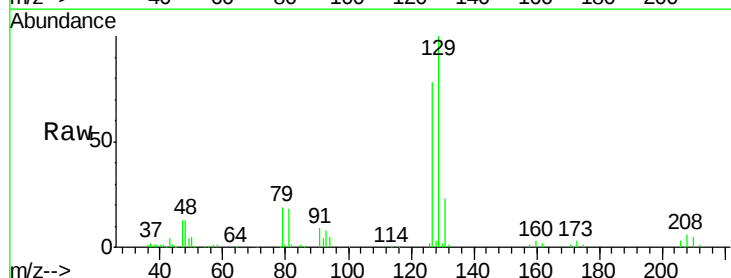
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

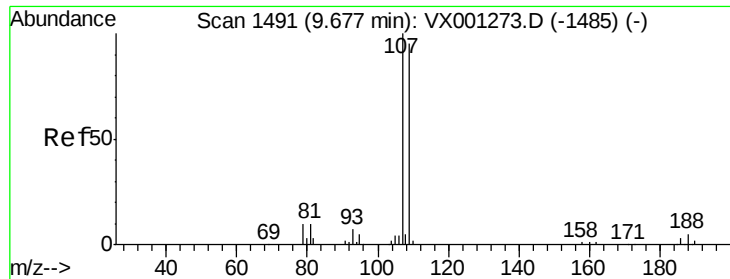
Tgt Ion: 43 Resp: 232058
Ion Ratio Lower Upper
43 100
58 51.2 25.7 77.0



#60
Dibromochloromethane
Concen: 19.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 129 Resp: 39461
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3





#61

1,2-Dibromoethane

Concen: 20.27 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

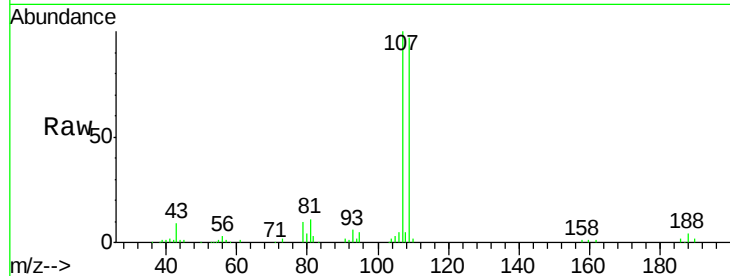
VX0502WBS02

Tgt Ion: 107 Resp: 41306

Ion Ratio Lower Upper

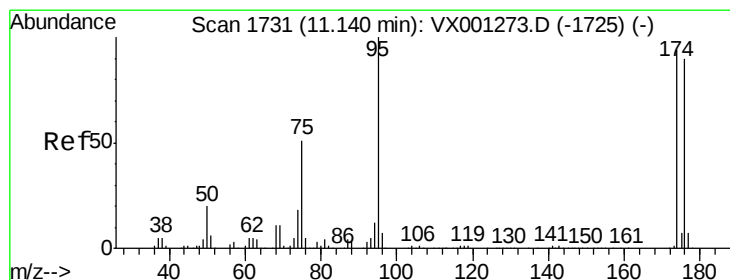
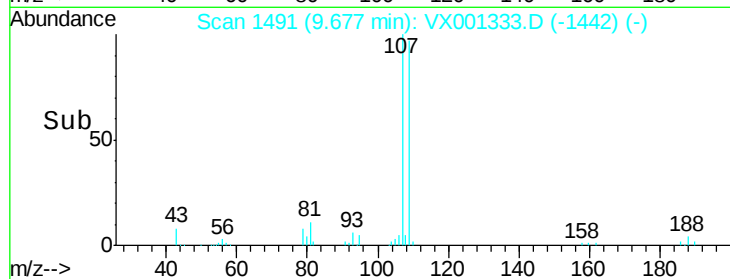
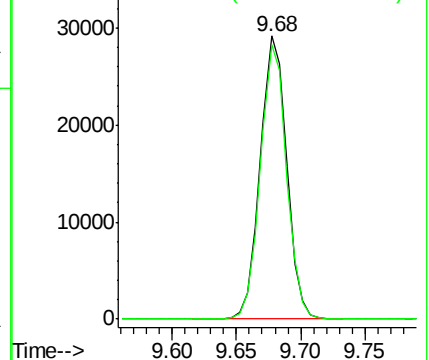
107 100

109 95.9 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: 46.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

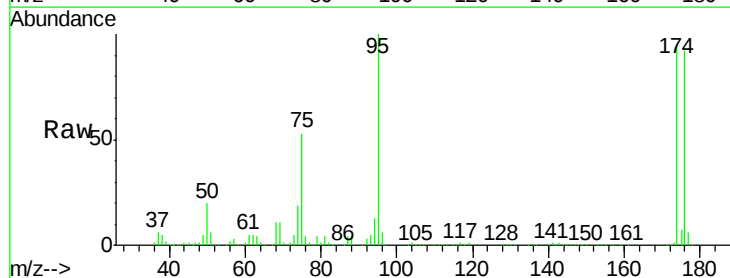
Tgt Ion: 95 Resp: 124420

Ion Ratio Lower Upper

95 100

174 104.1 0.0 201.8

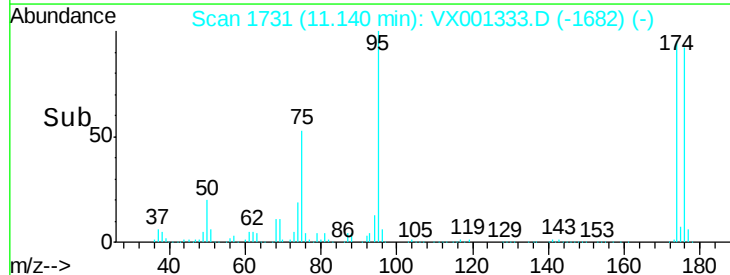
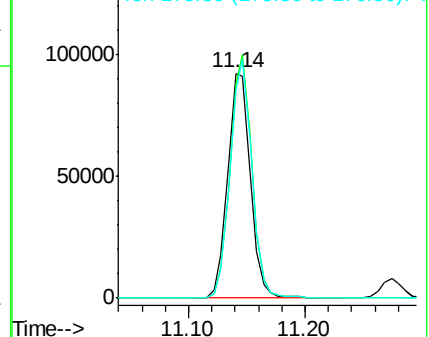
176 101.6 0.0 197.2



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

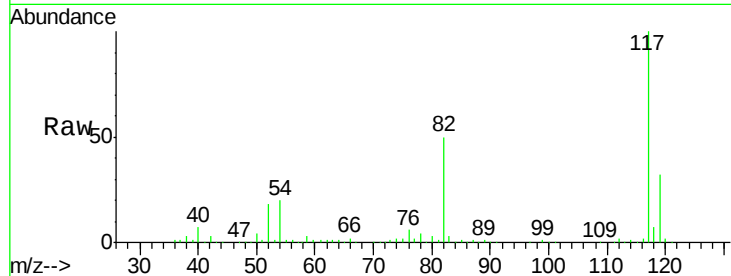




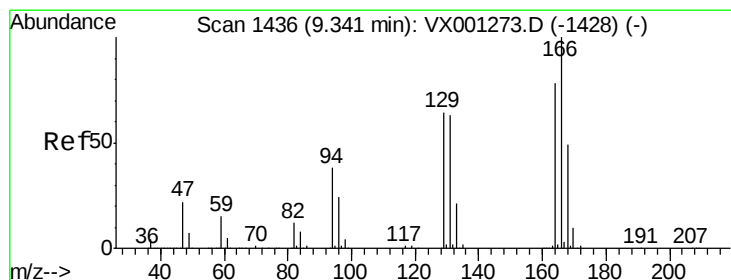
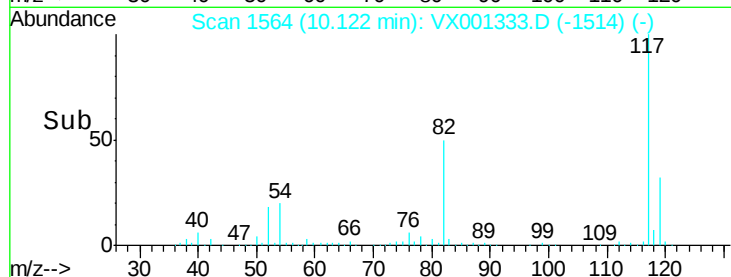
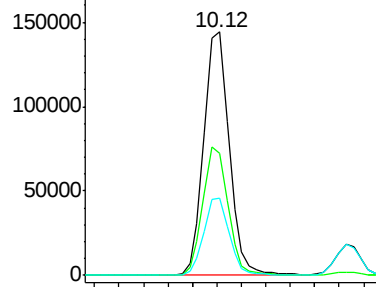
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tgt Ion:117 Resp: 208230
Ion Ratio Lower Upper
117 100
82 50.1 41.4 62.0
119 32.0 25.5 38.3

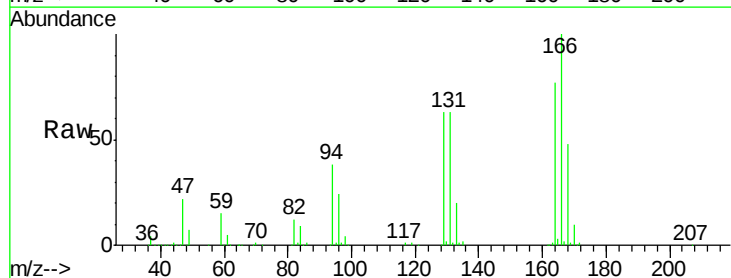


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

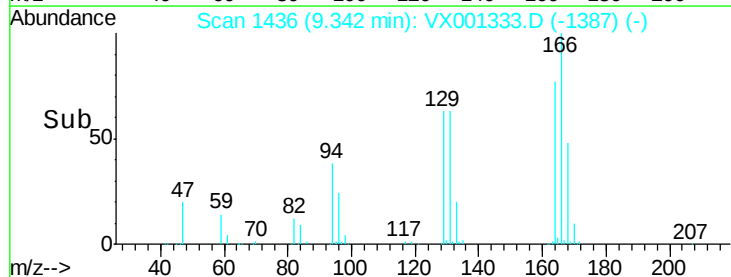
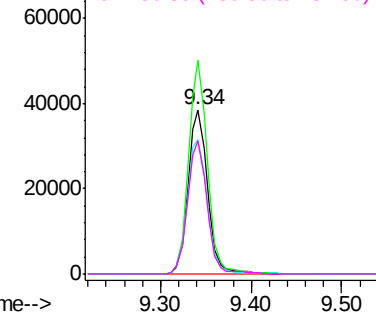


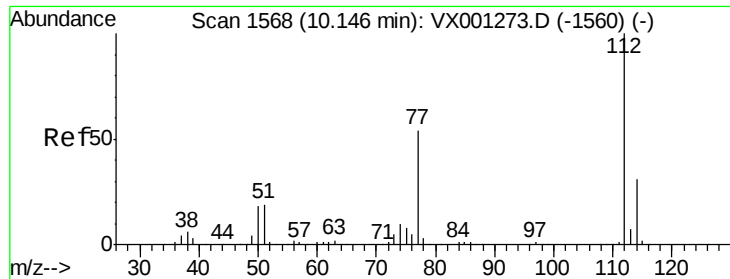
#64
Tetrachloroethene
Concen: 23.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion:164 Resp: 58057
Ion Ratio Lower Upper
164 100
166 129.9 102.3 153.5
129 81.6 65.1 97.7
131 81.3 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: 19.32 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

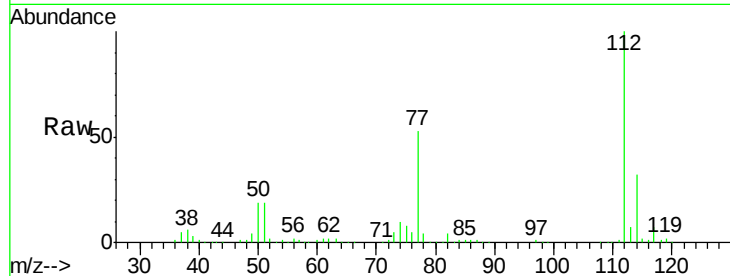
VX0502WBS02

Tgt Ion:112 Resp: 109421

Ion Ratio Lower Upper

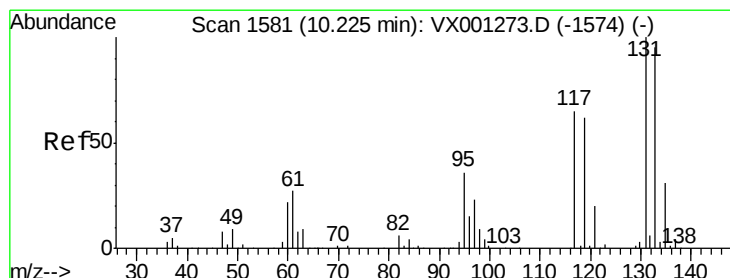
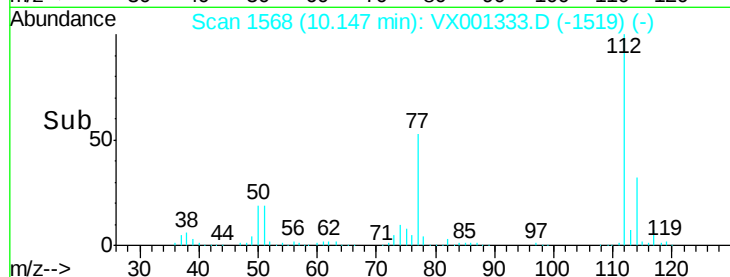
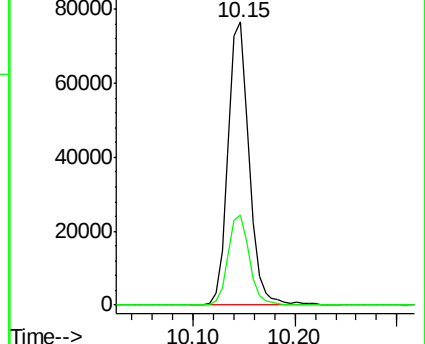
112 100

114 32.0 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: 20.55 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

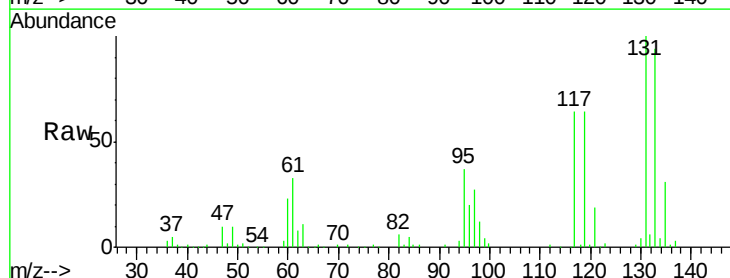
Tgt Ion:131 Resp: 40393

Ion Ratio Lower Upper

131 100

133 94.6 48.3 144.9

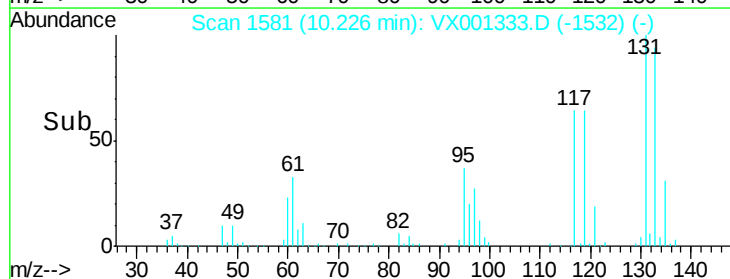
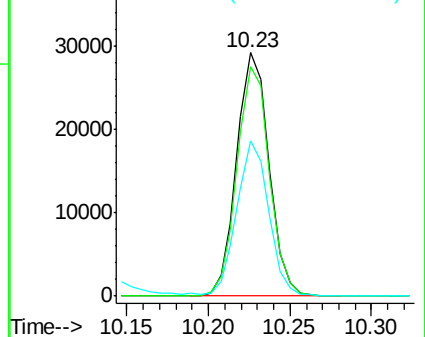
119 63.0 31.2 93.6

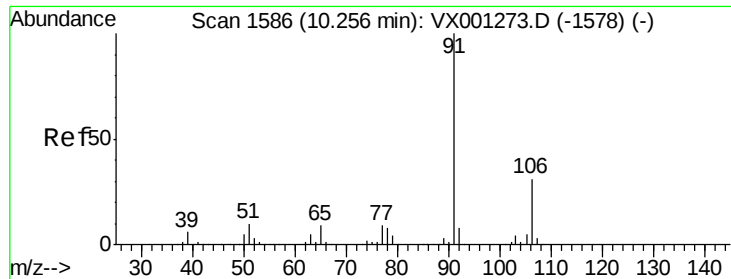


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

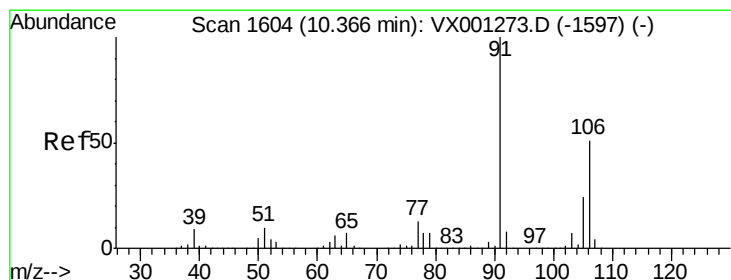
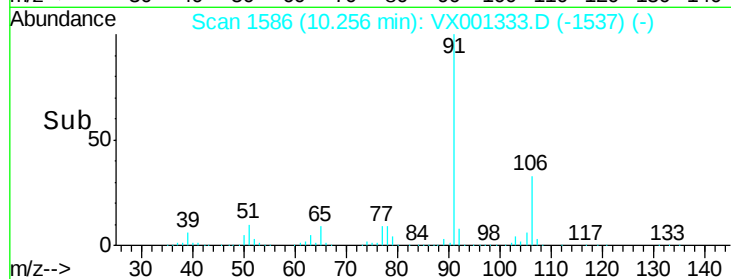
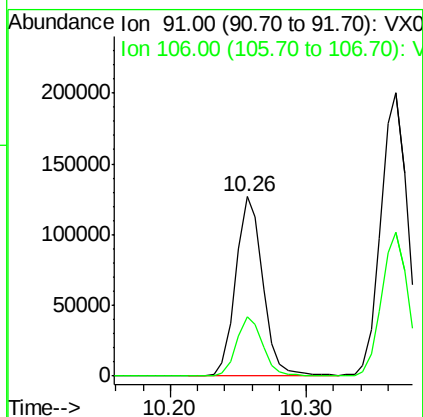
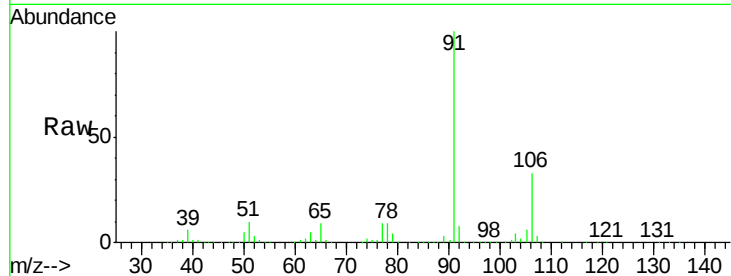




#67
Ethyl Benzene
Concen: 18.93 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

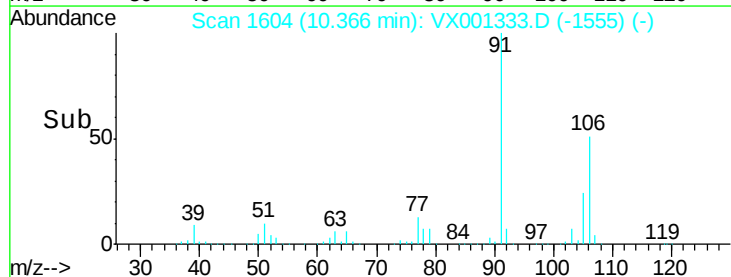
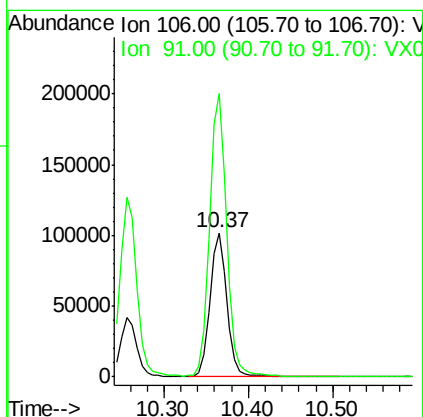
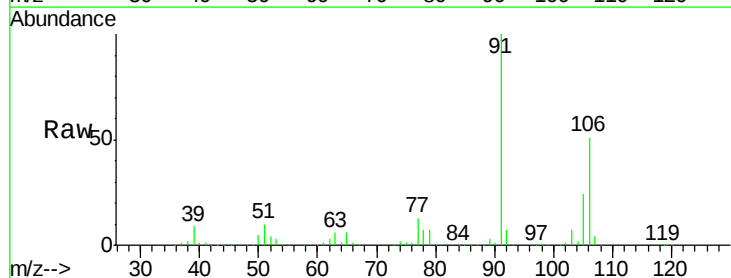
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

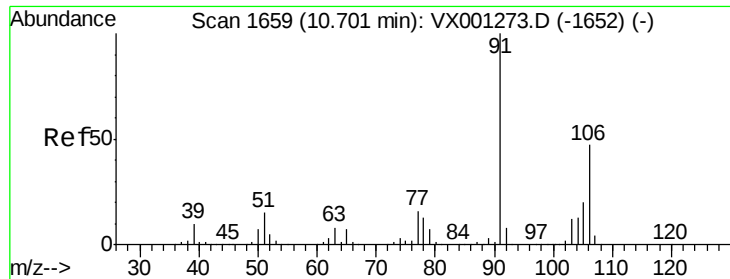
Tgt Ion: 91 Resp: 176656
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3



#68
m/p-Xylenes
Concen: 38.69 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 106 Resp: 142069
Ion Ratio Lower Upper
106 100
91 199.7 159.4 239.2

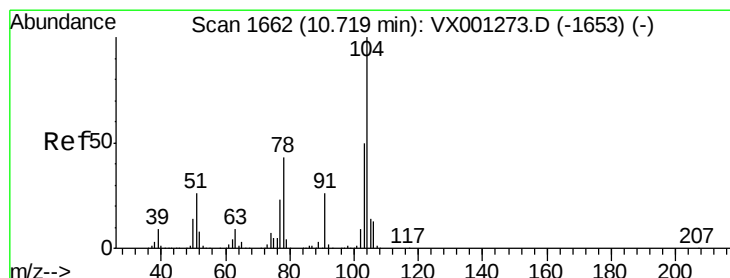
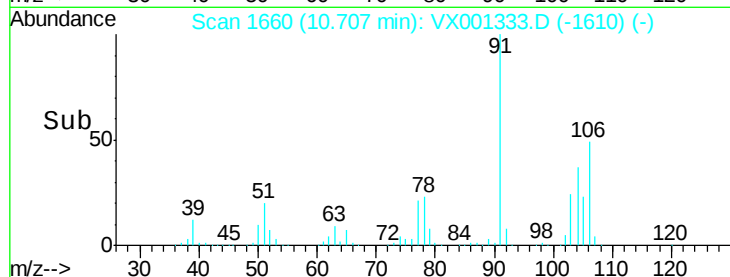
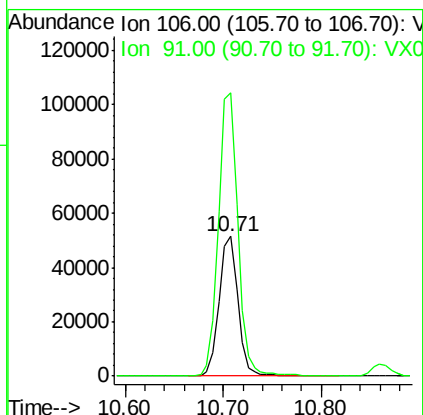
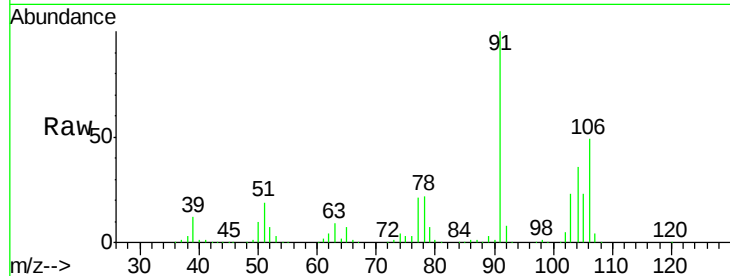




#69
o-Xylene
Concen: 19.56 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

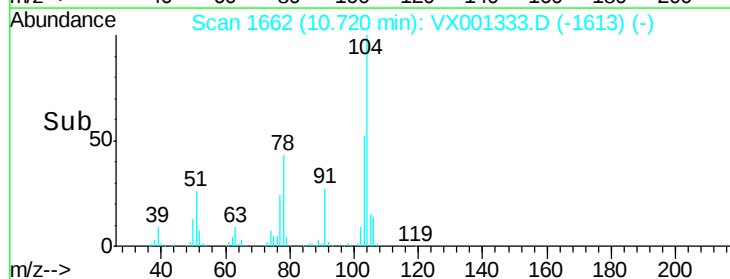
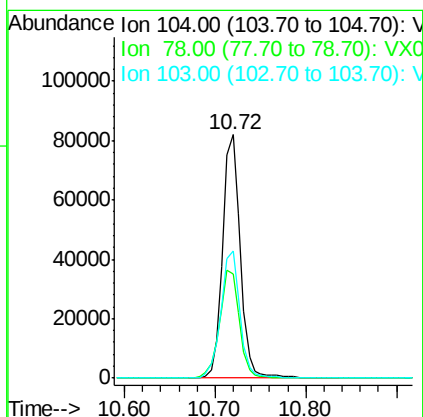
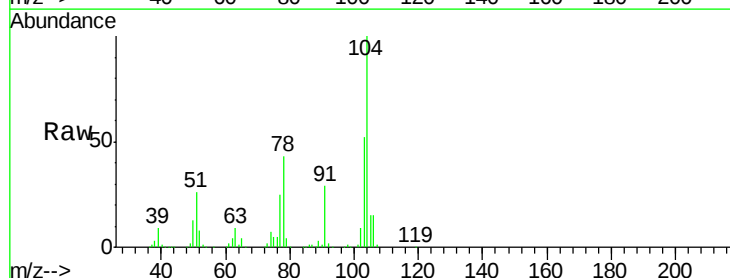
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

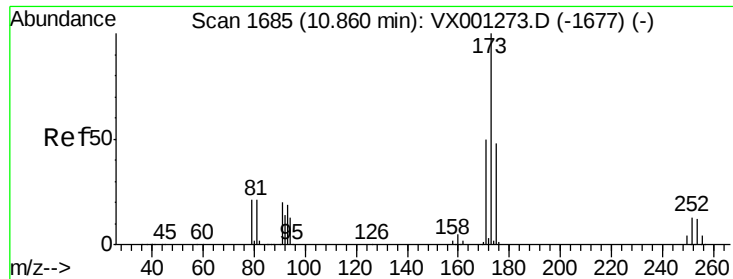
Tgt Ion:106 Resp: 69647
Ion Ratio Lower Upper
106 100
91 208.7 106.3 319.0



#70
Styrene
Concen: 19.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion:104 Resp: 111722
Ion Ratio Lower Upper
104 100
78 49.5 40.1 60.1
103 56.5 44.5 66.7





#71

Bromoform

Concen: 19.18 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

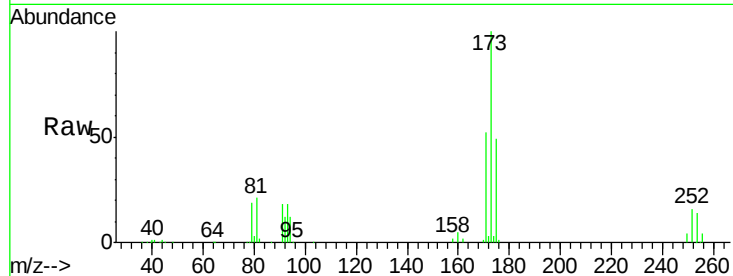
Tgt Ion:173 Resp: 31445

Ion Ratio Lower Upper

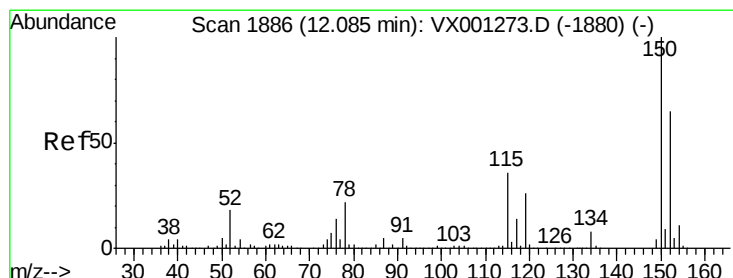
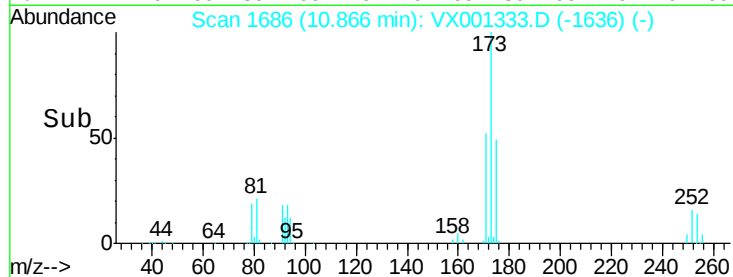
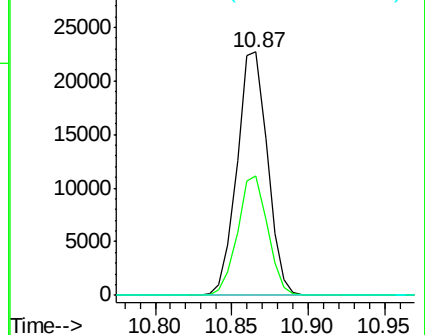
173 100

175 48.3 24.6 74.0

254 0.1 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: VX001333.D

Acq: 02 May 2018 23:24

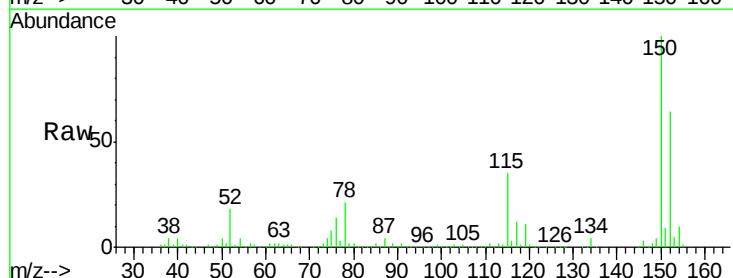
Tgt Ion:152 Resp: 137182

Ion Ratio Lower Upper

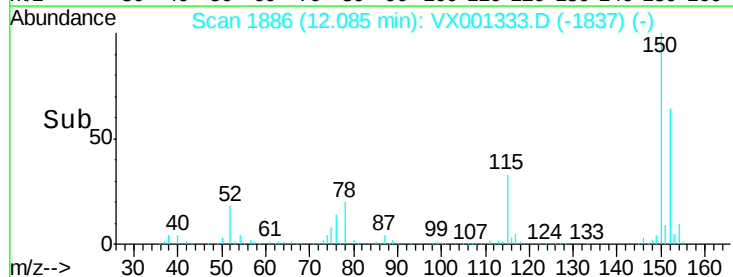
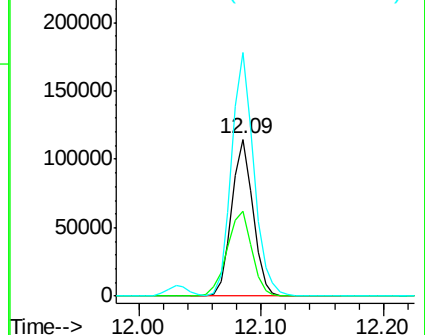
152 100

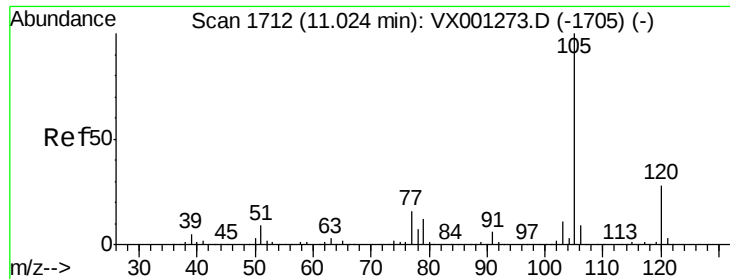
115 62.7 38.6 115.7

150 162.7 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

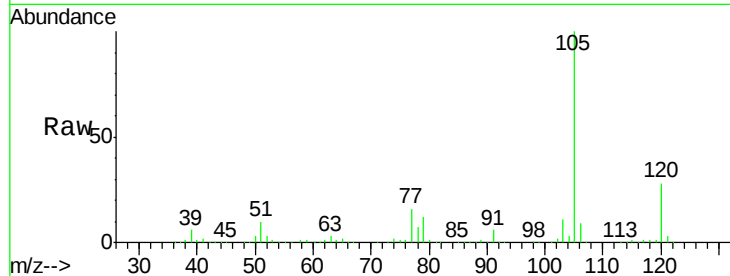
VX0502WBS02

Tgt Ion: 105 Resp: 186032

Ion Ratio Lower Upper

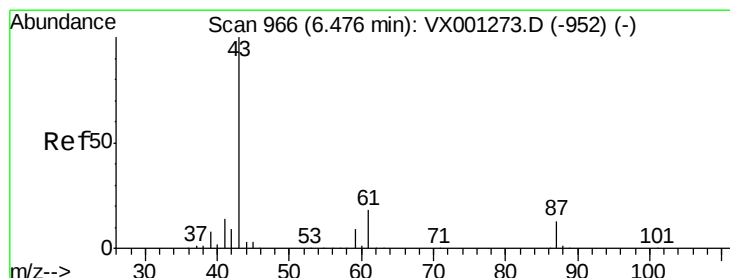
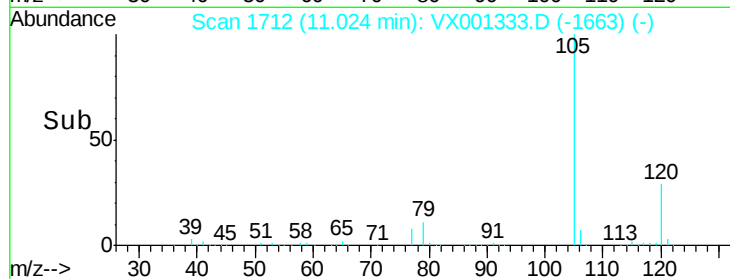
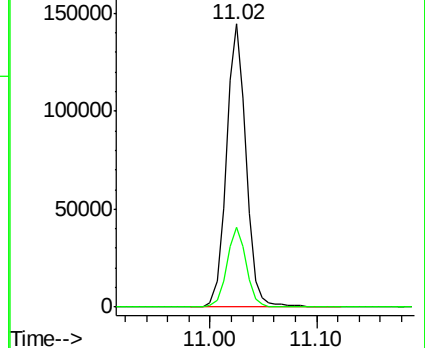
105 100

120 27.9 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: 21.80 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Tgt Ion: 43 Resp: 85818

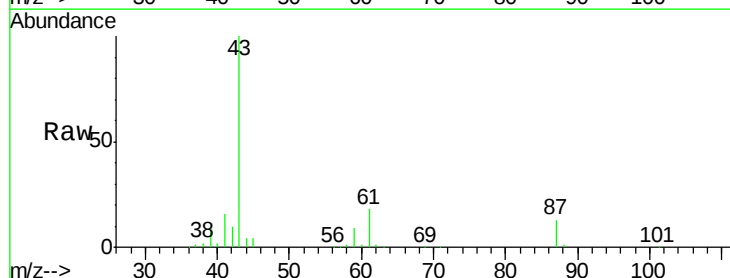
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.4 15.0 22.4

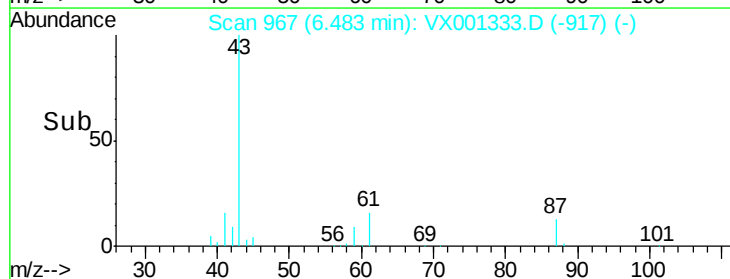
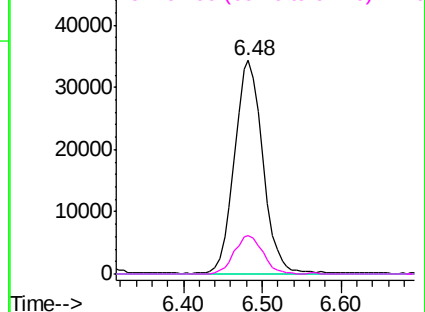


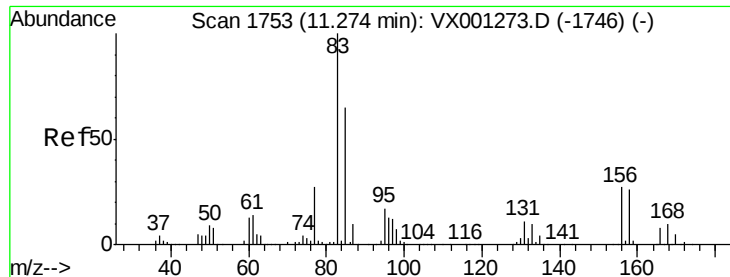
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.85 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

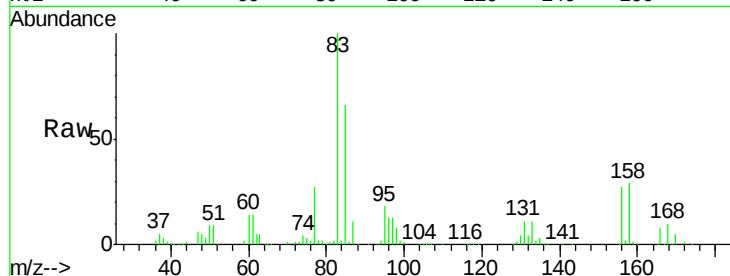
Tgt Ion: 83 Resp: 57341

Ion Ratio Lower Upper

83 100

131 12.1 5.8 17.3

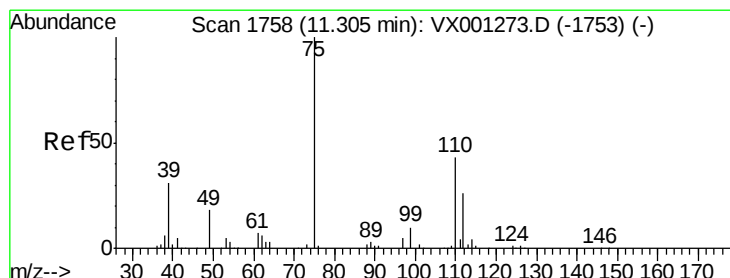
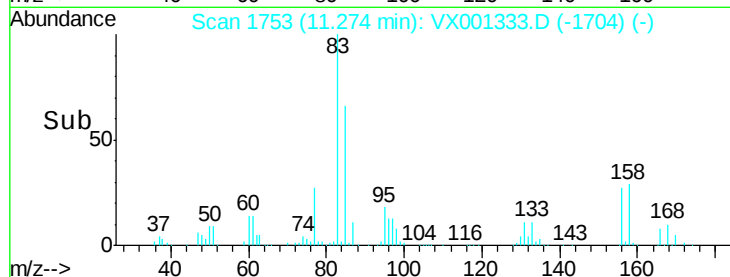
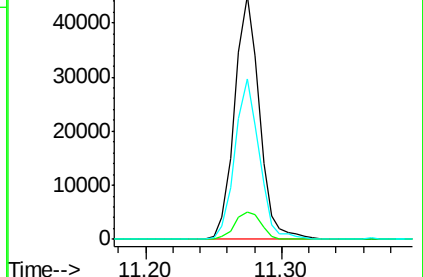
85 65.0 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.51 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001333.D

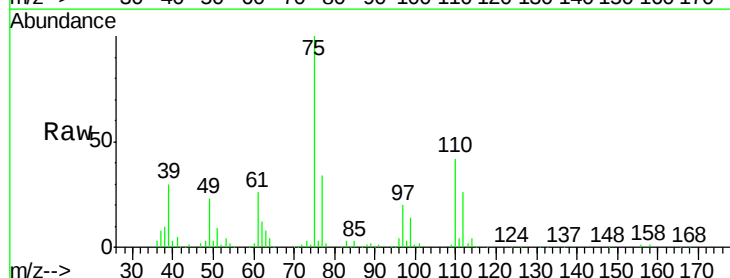
Acq: 02 May 2018 23:24

Tgt Ion: 75 Resp: 62182

Ion Ratio Lower Upper

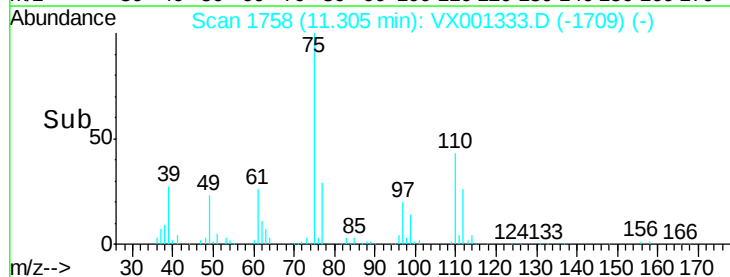
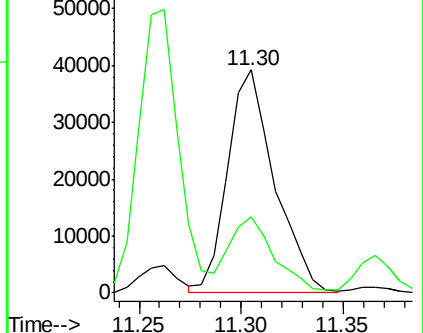
75 100

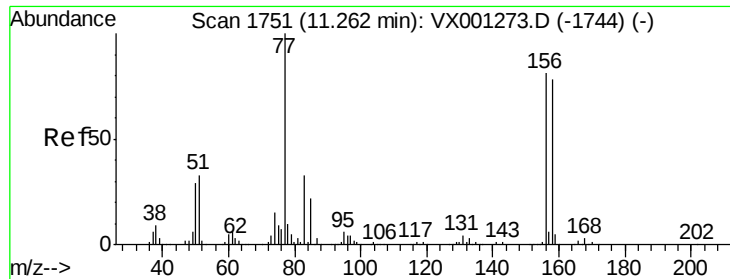
77 32.5 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

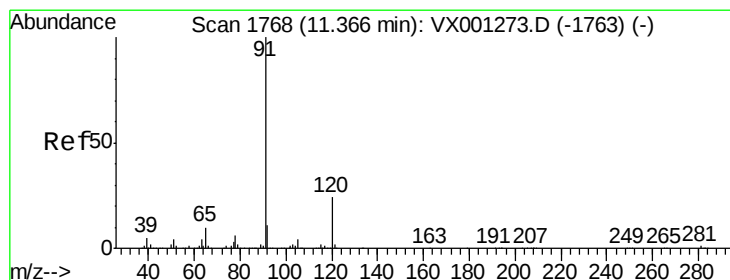
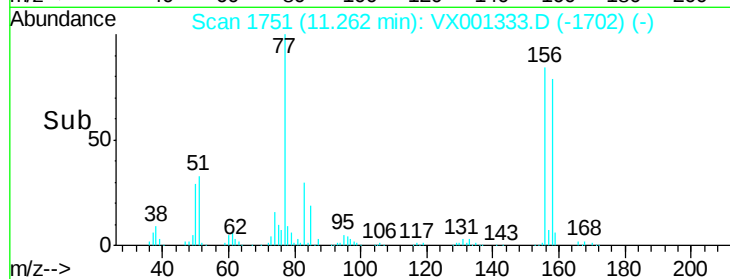
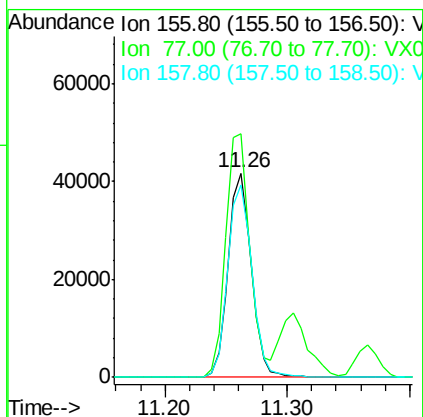
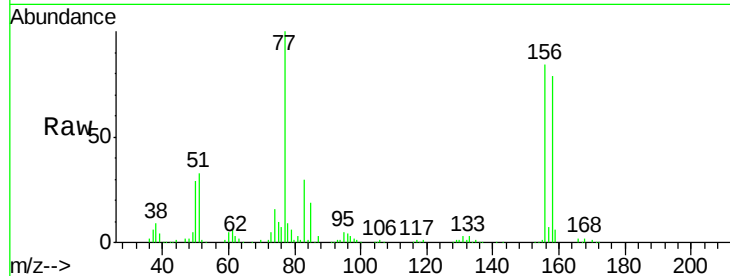




#77
Bromobenzene
Concen: 20.61 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

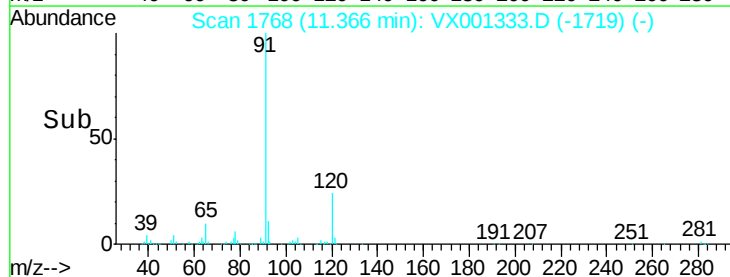
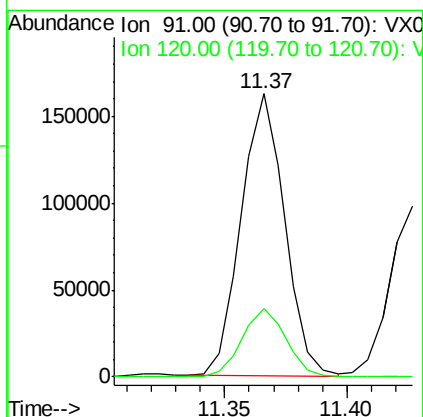
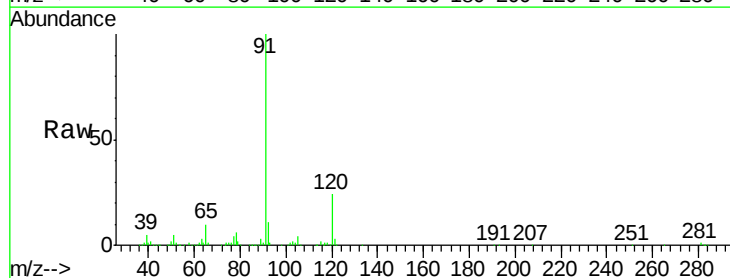
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

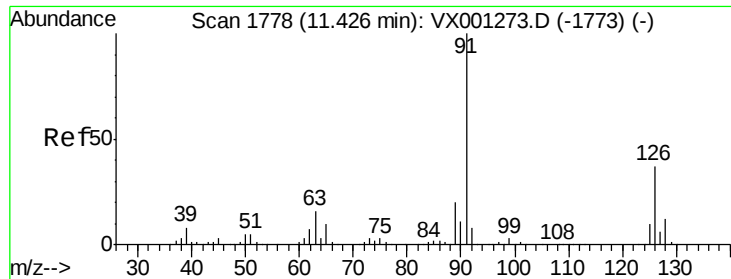
Tgt Ion:156 Resp: 54566
Ion Ratio Lower Upper
156 100
77 125.1 65.3 195.8
158 98.5 48.5 145.5



#78
n-propylbenzene
Concen: 19.74 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion: 91 Resp: 201322
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8

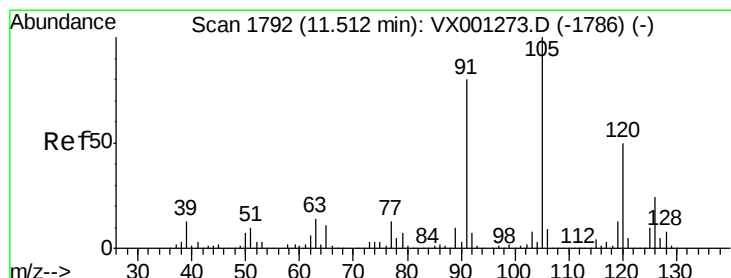
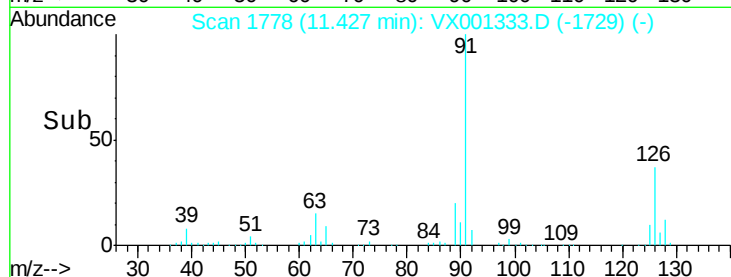
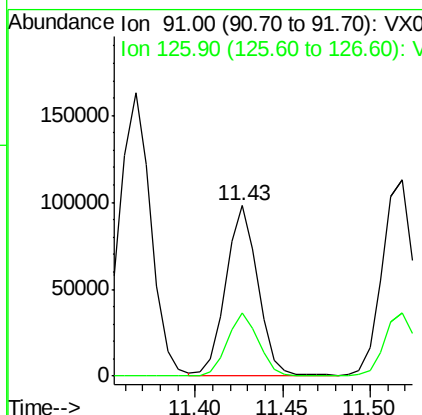
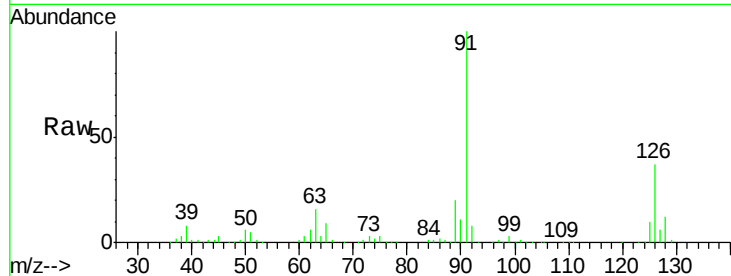




#79
 2-Chlorotoluene
 Concen: 20.13 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

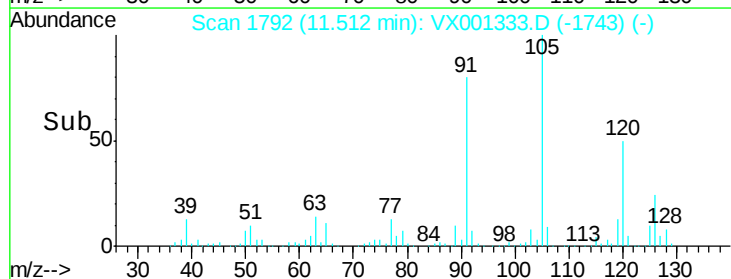
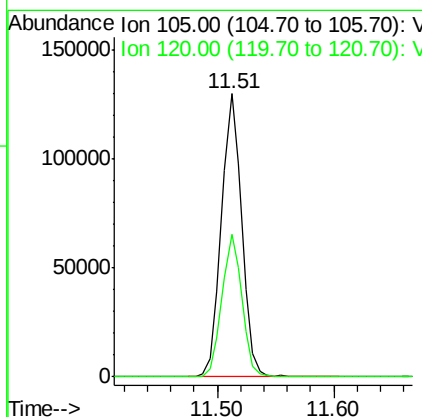
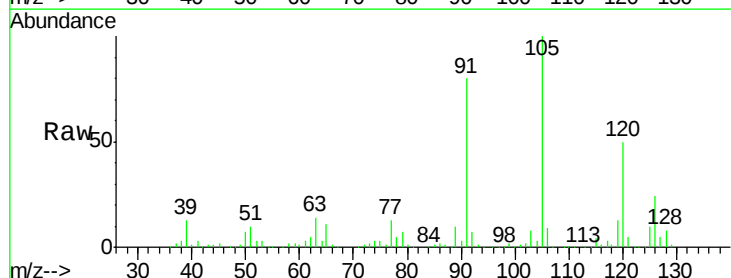
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

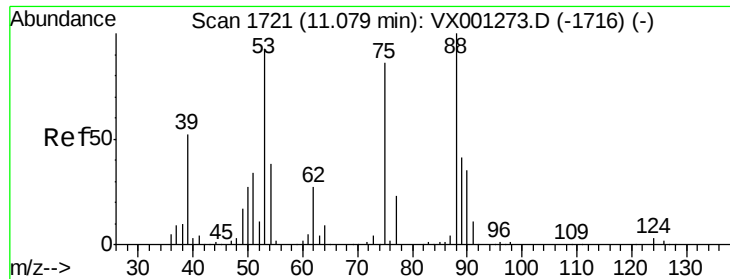
Tgt Ion: 91 Resp: 123884
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.30 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion: 105 Resp: 156458
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.09 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

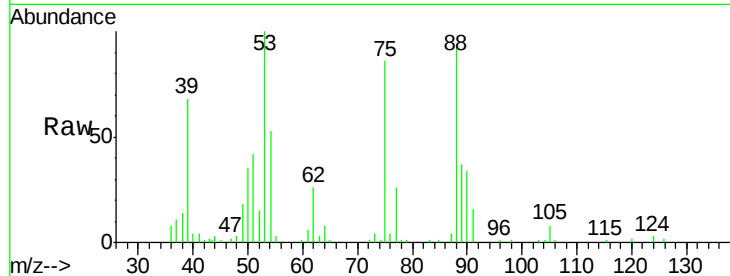
Tgt Ion: 75 Resp: 10919

Ion Ratio Lower Upper

75 100

53 120.2 87.1 130.7

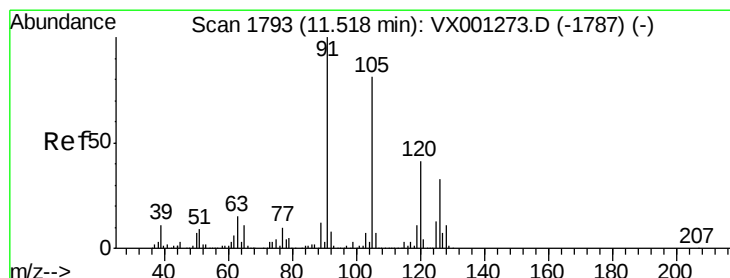
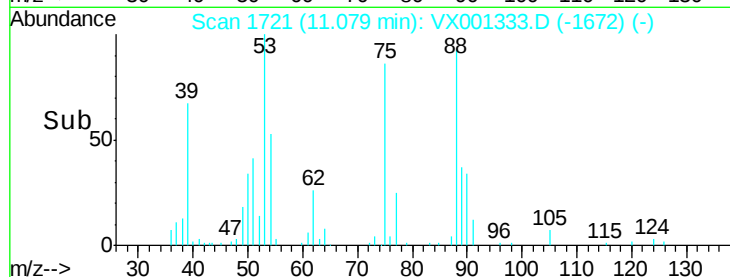
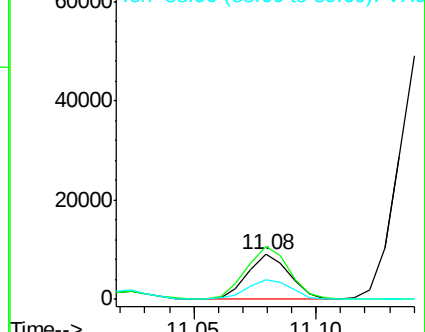
89 46.6 38.9 58.3



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: 19.61 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001333.D

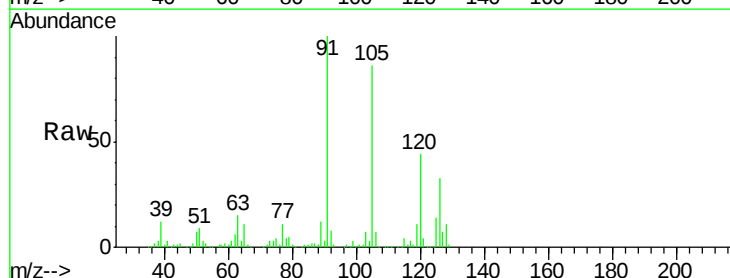
Acq: 02 May 2018 23:24

Tgt Ion: 91 Resp: 145188

Ion Ratio Lower Upper

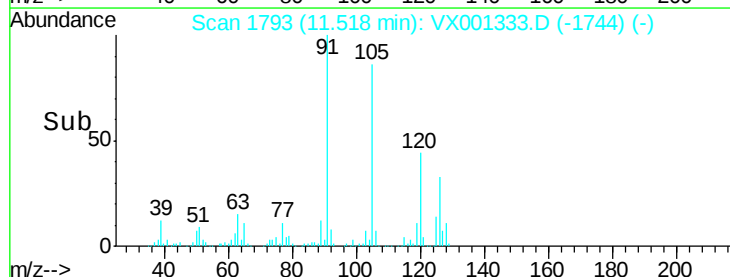
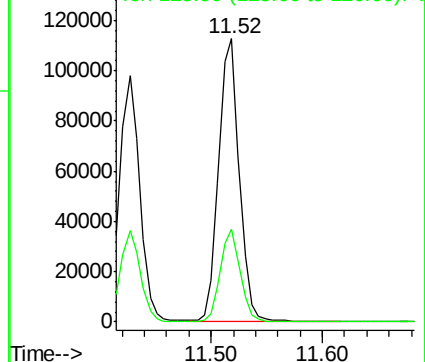
91 100

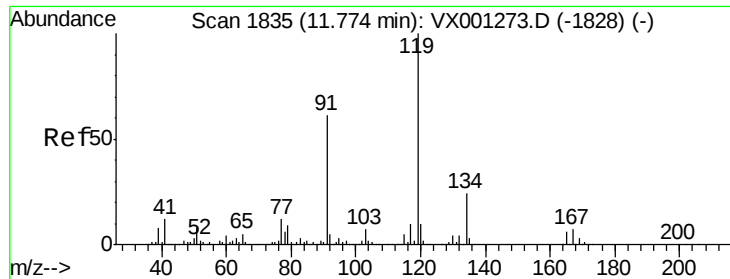
126 31.7 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

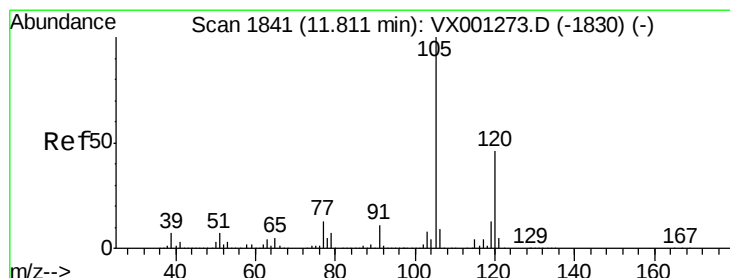
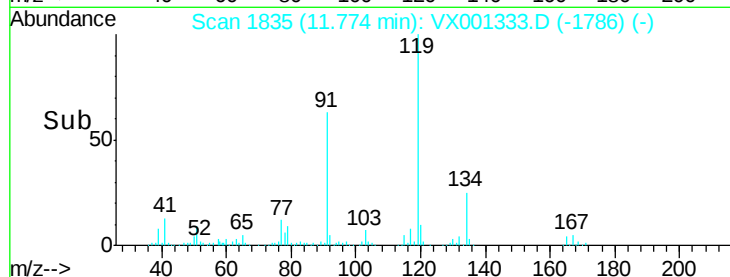
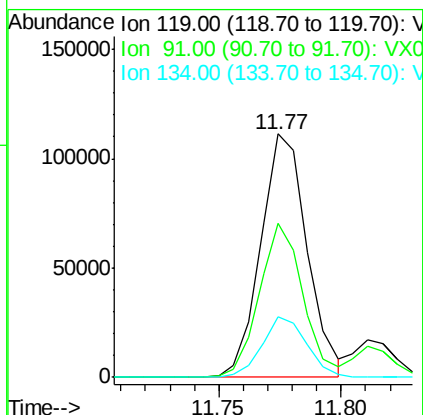
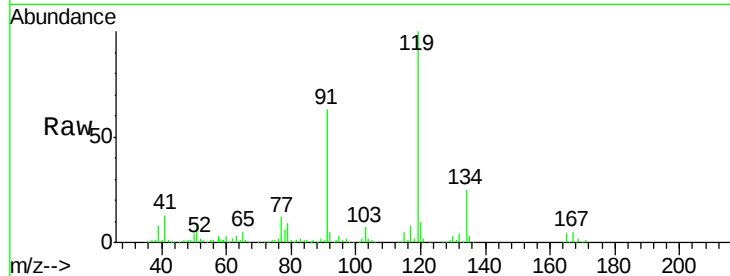




#83
 tert-Butylbenzene
 Concen: 19.28 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

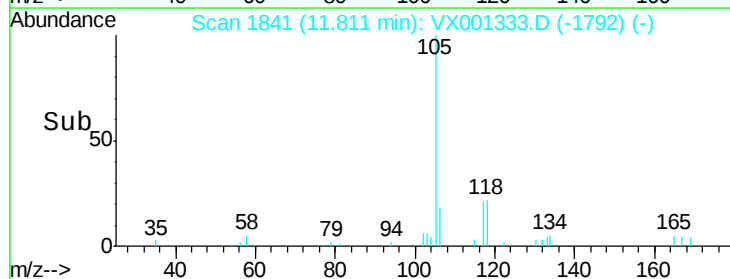
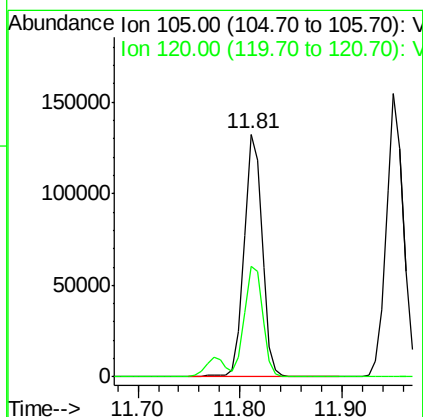
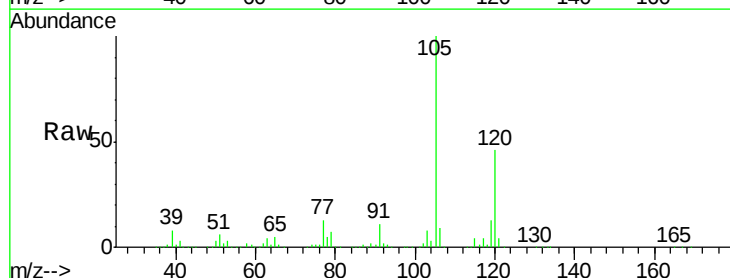
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

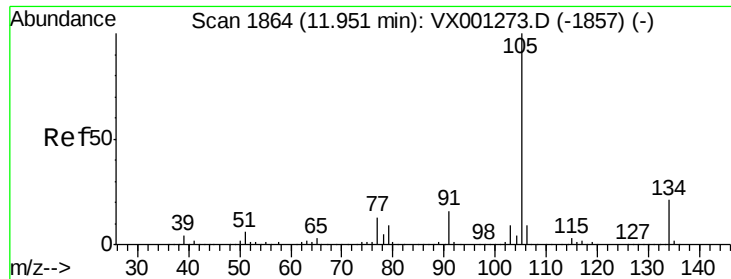
Tgt Ion:119 Resp: 148202
 Ion Ratio Lower Upper
 119 100
 91 59.2 28.1 84.3
 134 24.0 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.51 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion:105 Resp: 161985
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.7 68.1

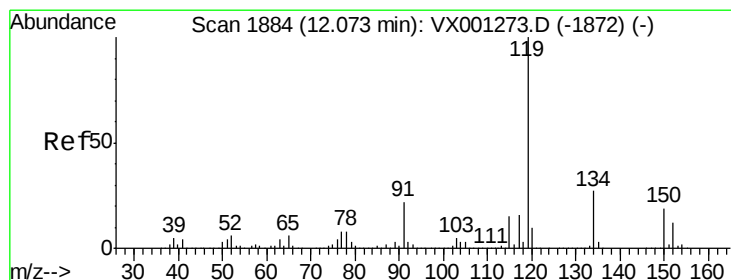
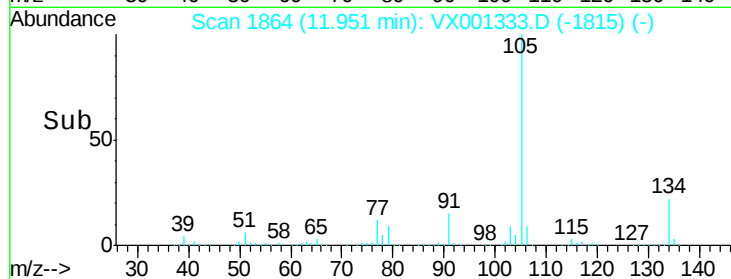
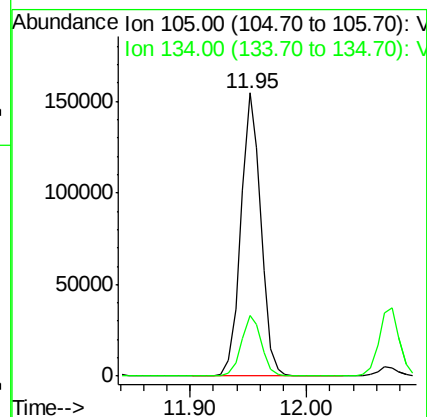
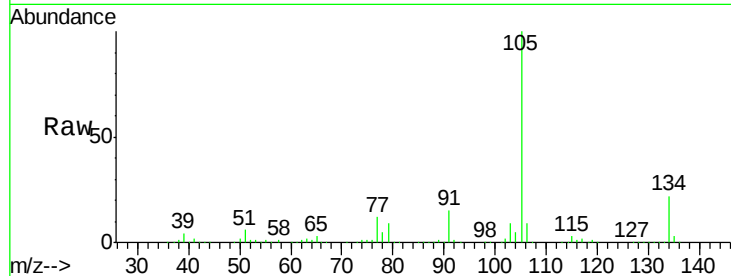




#85
 sec-Butylbenzene
 Concen: 20.14 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

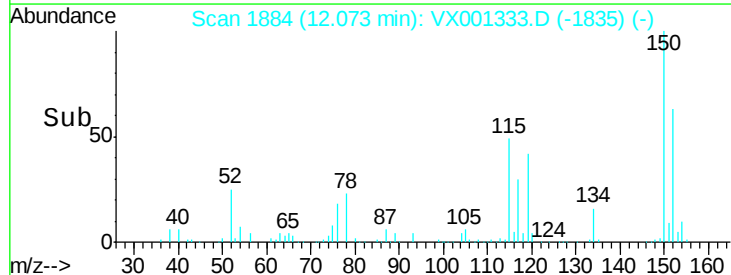
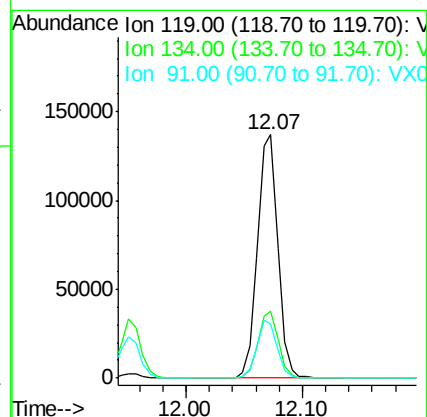
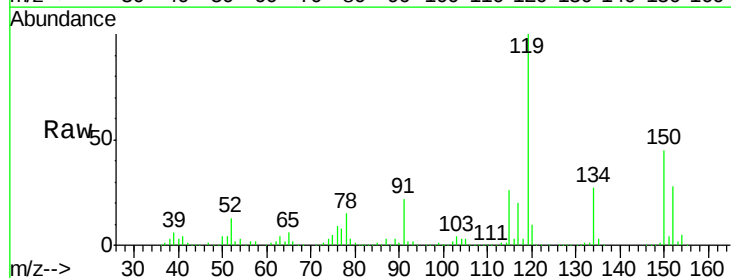
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

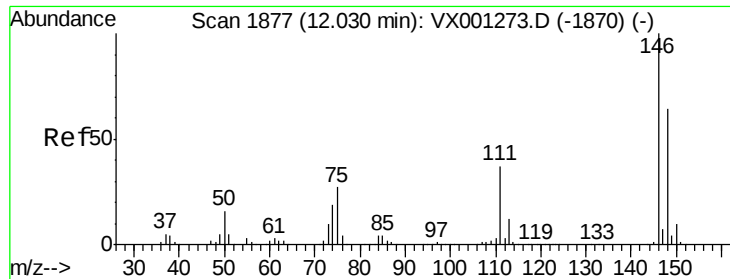
Tgt Ion:105 Resp: 185223
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 19.79 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion:119 Resp: 166939
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 23.7 11.7 35.1

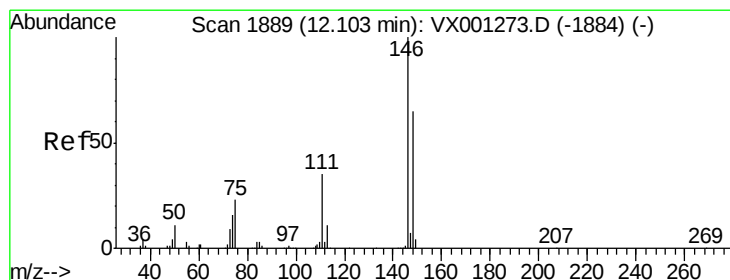
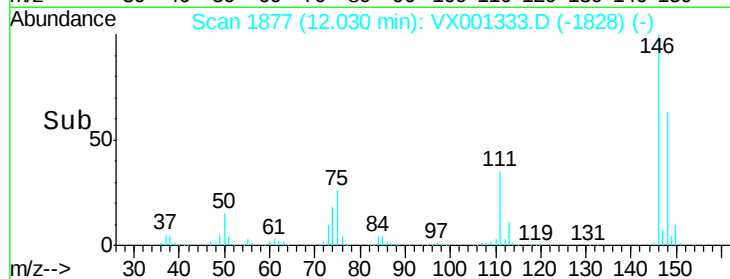
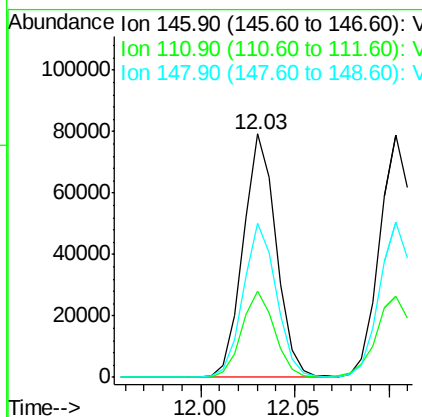
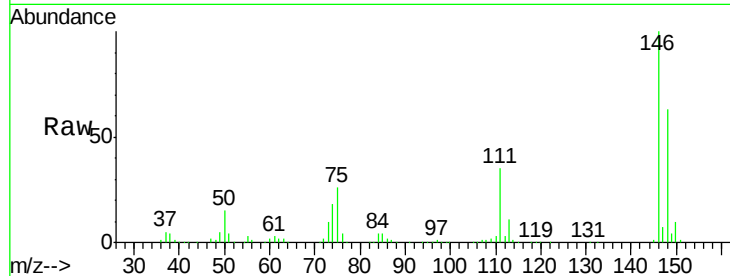




#87
 1,3-Dichlorobenzene
 Concen: 19.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

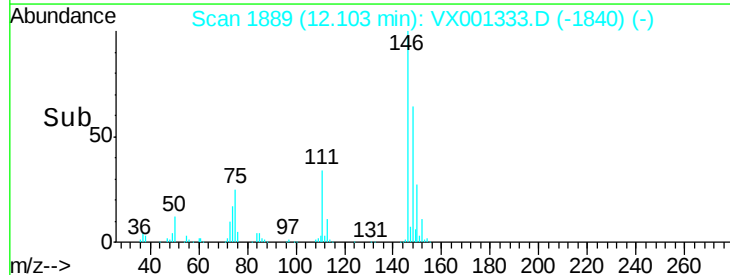
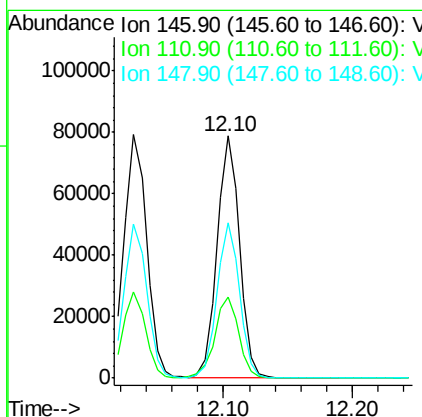
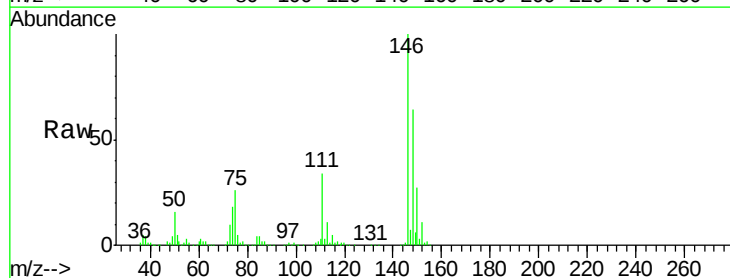
Instrument :
 MSVOA_X
 ClientSampled :
 VX0502WBS02

Tgt Ion:146 Resp: 96467
 Ion Ratio Lower Upper
 146 100
 111 34.8 18.4 55.2
 148 63.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.12 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion:146 Resp: 97409
 Ion Ratio Lower Upper
 146 100
 111 36.0 17.9 53.7
 148 64.6 32.3 96.8





#89

n-Butylbenzene

Concen: 18.30 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001333.D

Acq: 02 May 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

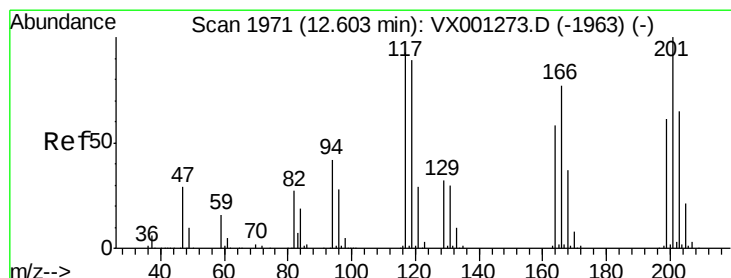
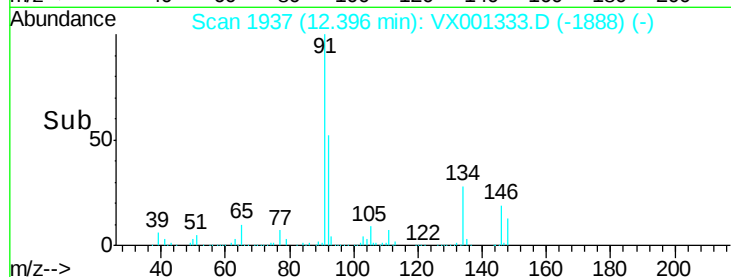
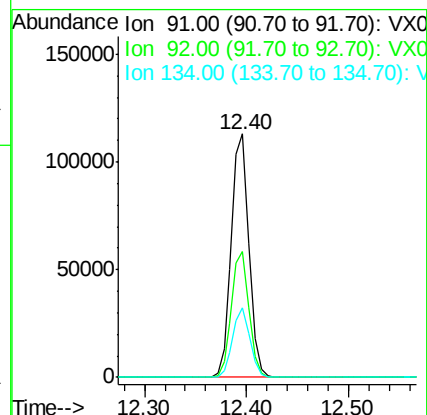
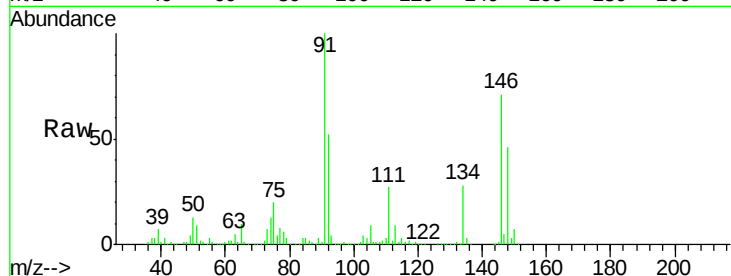
Tgt Ion: 91 Resp: 134751

Ion Ratio Lower Upper

91 100

92 51.5 26.2 78.5

134 27.8 14.0 42.0



#90

Hexachloroethane

Concen: 18.98 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001333.D

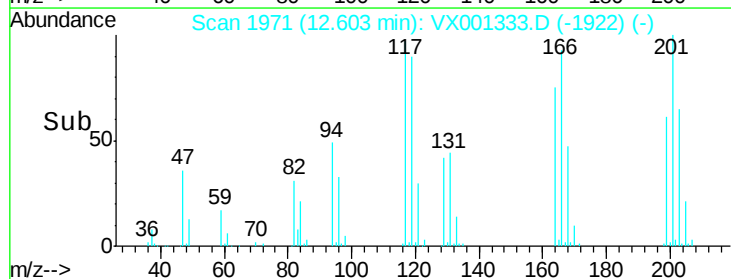
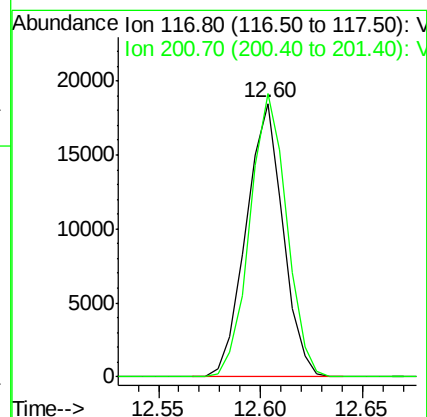
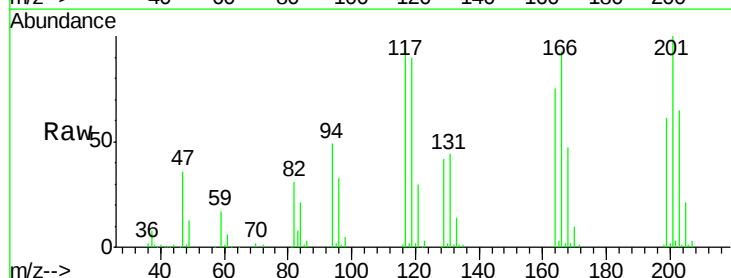
Acq: 02 May 2018 23:24

Tgt Ion: 117 Resp: 23188

Ion Ratio Lower Upper

117 100

201 103.5 51.6 154.8

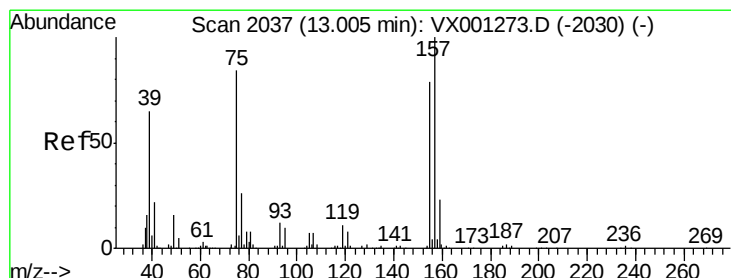
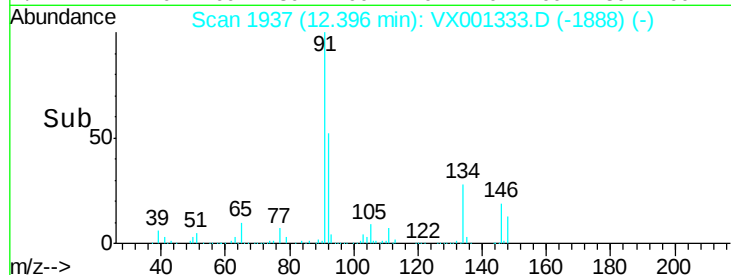
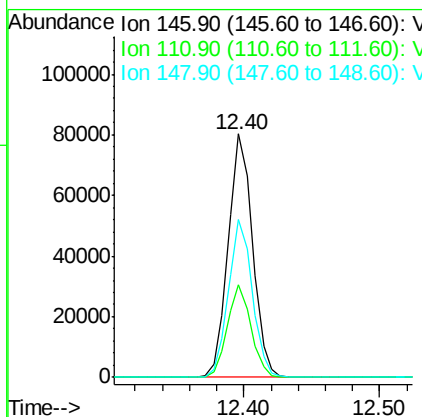
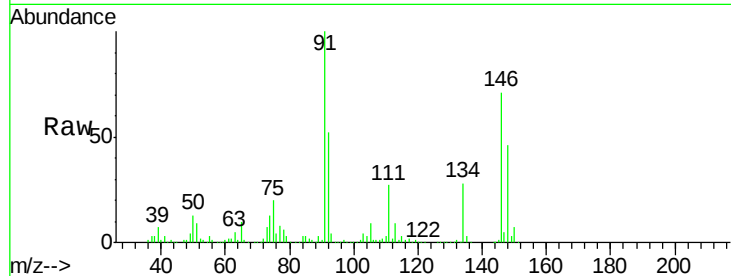




#91
 1,2-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

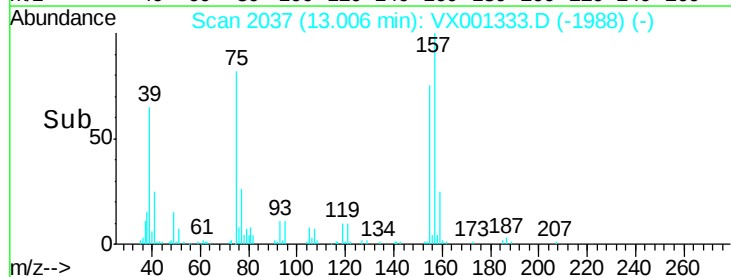
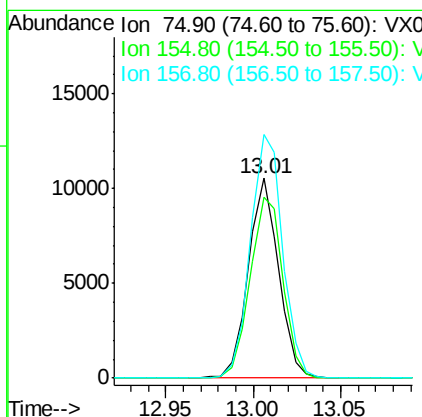
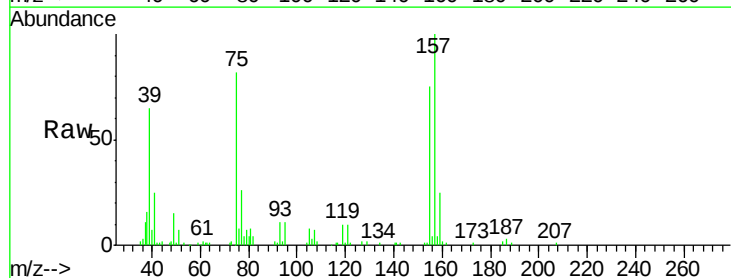
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

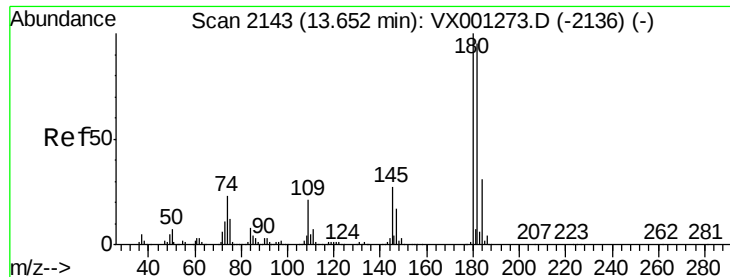
Tgt Ion:146 Resp: 99990
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.5
 148 63.4 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.75 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion: 75 Resp: 12639
 Ion Ratio Lower Upper
 75 100
 155 98.2 49.9 149.7
 157 129.7 63.7 191.1

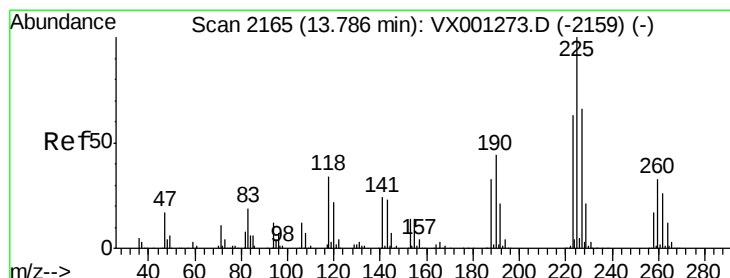
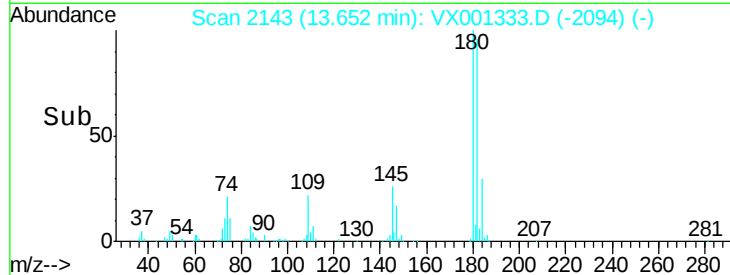
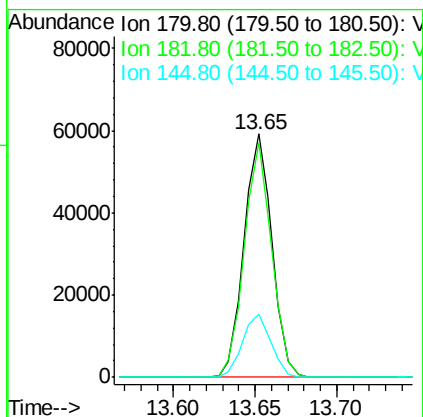
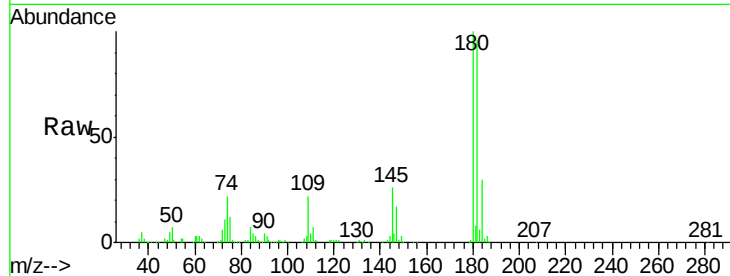




#93
 1,2,4-Trichlorobenzene
 Concen: 17.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

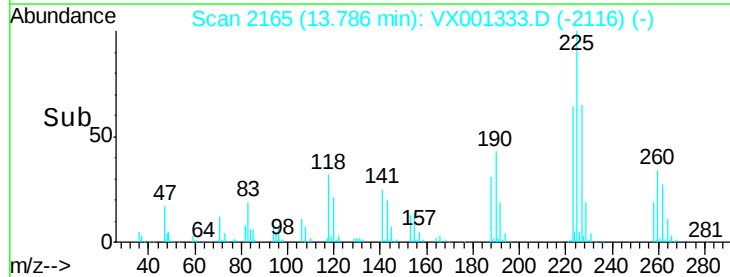
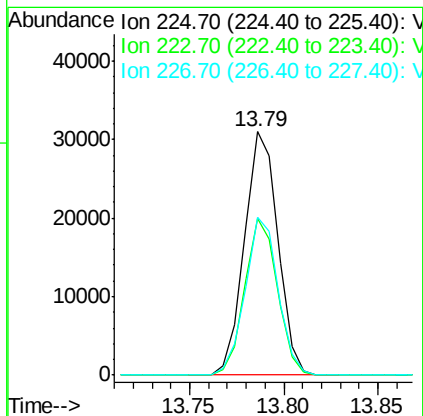
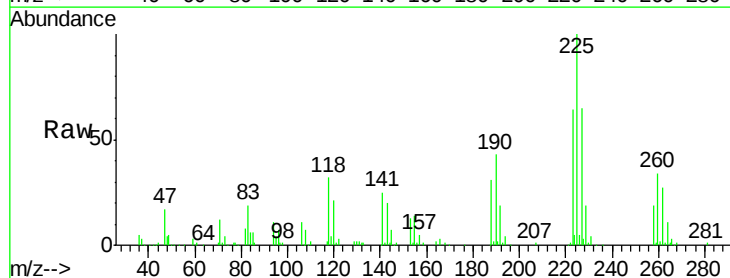
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

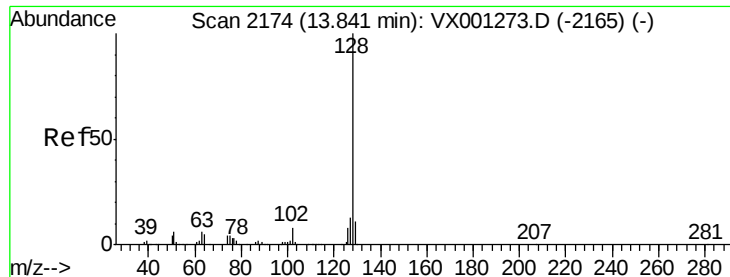
Tgt Ion:180 Resp: 70849
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 141.9
 145 26.5 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 18.49 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001333.D
 Acq: 02 May 2018 23:24

Tgt Ion:225 Resp: 38281
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.0
 227 63.5 32.5 97.5

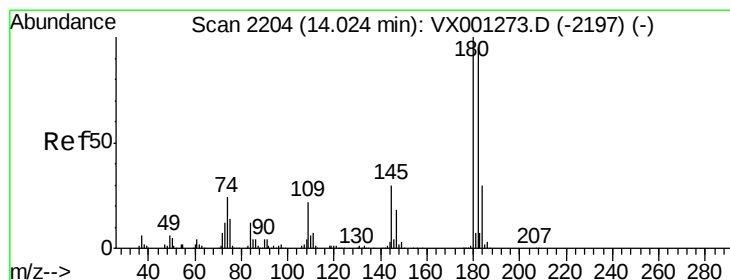
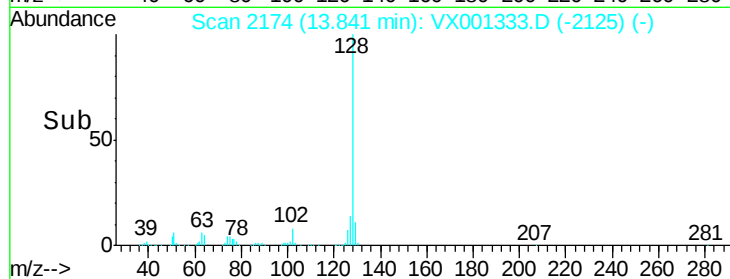
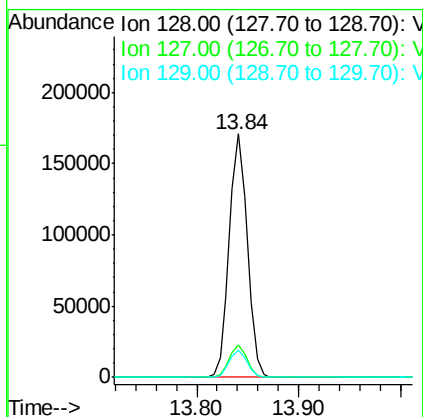
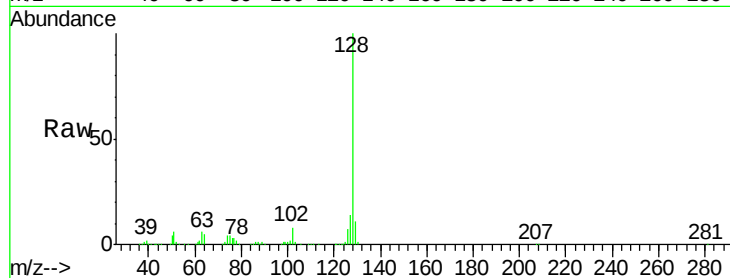




#95
Naphthalene
Concen: 20.78 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tgt Ion:128 Resp: 208618
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.52 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001333.D
Acq: 02 May 2018 23:24

Tgt Ion:180 Resp: 75832
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.3
145 28.9 14.4 43.4

