

Data File : VX000527.D

Acq On : 29 Mar 2018 21:31

Operator : JC/MD

Sample : VX0329WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Quant Time: Mar 30 06:57:27 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	110640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	188099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	74773	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.51	113	59520	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	8.73	98	243998	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.15	95	93081	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21792	17.87	ug/l	95
3) Chloromethane	1.32	50	22493	17.51	ug/l	96
4) Vinyl Chloride	1.40	62	31050	22.88	ug/l	97
5) Bromomethane	1.64	94	36889	22.73	ug/l	99
6) Chloroethane	1.73	64	21541	28.03	ug/l	97
7) Trichlorofluoromethane	1.93	101	58393	23.83	ug/l	95
8) Diethyl Ether	2.20	74	21500	24.56	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32360	23.69	ug/l	97
10) Methyl Iodide	2.51	142	13060	13.10	ug/l	98
11) Tert butyl alcohol	3.08	59	74670	150.31	ug/l	99
12) 1,1-Dichloroethene	2.38	96	28963	24.15	ug/l	97
13) Acrolein	2.30	56	18106	122.07	ug/l	100
14) Allyl chloride	2.73	41	53165	25.05	ug/l	99
15) Acrylonitrile	3.15	53	133844	133.02	ug/l	100
16) Acetone	2.45	43	135156	112.50	ug/l	99
17) Carbon Disulfide	2.57	76	68874	21.60	ug/l	100
18) Methyl Acetate	2.78	43	70663	28.05	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	112920	25.46	ug/l	98
20) Methylene Chloride	2.86	84	34434	24.81	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	32290	24.14	ug/l	97
22) Diisopropyl ether	3.89	45	69937	18.66	ug/l	93
23) Vinyl Acetate	3.84	43	319497	89.90	ug/l	99
24) 1,1-Dichloroethane	3.70	63	49488	21.00	ug/l	99
25) 2-Butanone	4.72	43	144756	107.19	ug/l	100
26) 2,2-Dichloropropane	4.60	77	29310	17.74	ug/l	95
27) cis-1,2-Dichloroethene	4.61	96	26897	21.51	ug/l	93
28) Bromochloromethane	5.03	49	19769	20.34	ug/l	97
29) Tetrahydrofuran	5.18	42	91804	110.49	ug/l	98
30) Chloroform	5.23	83	47711	21.60	ug/l	96
31) Cyclohexane	5.58	56	35487	19.48	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	41299	20.72	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35130	19.94	ug/l	99
37) Ethyl Acetate	4.88	43	49886	20.73	ug/l	100
38) Carbon Tetrachloride	5.79	117	35083	18.98	ug/l	98

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Quant Time: Mar 30 06:57:27 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42012	19.61	ug/l	98
40) Benzene	6.15	78	105756	20.67	ug/l	96
41) Methacrylonitrile	5.07	41	25019	19.72	ug/l	98
42) 1,2-Dichloroethane	6.21	62	41013	20.43	ug/l	99
43) Isopropyl Acetate	6.48	43	72573	20.26	ug/l	99
44) Trichloroethene	7.22	130	30317	20.68	ug/l	92
45) 1,2-Dichloropropane	7.52	63	28433	21.71	ug/l	100
46) Dibromomethane	7.67	93	20803	20.24	ug/l	93
47) Bromodichloromethane	7.91	83	38288	21.17	ug/l	98
48) Methyl methacrylate	7.79	41	37142	21.35	ug/l	98
49) 1,4-Dioxane	7.77	88	18094	494.92	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	307990	111.07	ug/l	98
52) Toluene	8.79	92	71763	20.06	ug/l	95
53) t-1,3-Dichloropropene	8.45	75	43185	20.60	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	40115	19.73	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	31771	21.60	ug/l	98
56) Ethyl methacrylate	9.19	69	45214	20.28	ug/l	96
57) 1,3-Dichloropropane	9.38	76	50844	21.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	91178	85.23	ug/l	99
59) 2-Hexanone	9.51	43	252752	107.34	ug/l	99
60) Dibromochloromethane	9.59	129	31763	20.86	ug/l	98
61) 1,2-Dibromoethane	9.68	107	33242	21.07	ug/l	97
64) Tetrachloroethene	9.34	164	30007	19.79	ug/l	94
65) Chlorobenzene	10.15	112	88812	20.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	29728	20.13	ug/l	97
67) Ethyl Benzene	10.26	91	149316	20.25	ug/l	100
68) m/p-Xylenes	10.37	106	117451	40.49	ug/l	98
69) o-Xylene	10.71	106	57102	20.33	ug/l	97
70) Styrene	10.72	104	92520	19.91	ug/l	100
71) Bromoform	10.87	173	23542	18.61	ug/l #	99
73) Isopropylbenzene	11.02	105	154614	20.95	ug/l	99
74) N-amyl acetate	6.48	43	72573	20.63	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	57329	21.97	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64244	26.84	ug/l	84
77) Bromobenzene	11.26	156	37765	19.21	ug/l	95
78) n-propylbenzene	11.37	91	178362	20.27	ug/l	99
79) 2-Chlorotoluene	11.43	91	104601	20.58	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	127903	20.62	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	13255	17.93	ug/l	90
82) 4-Chlorotoluene	11.52	91	122788	20.23	ug/l	98
83) tert-Butylbenzene	11.78	119	127652	20.40	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	131990	20.29	ug/l	100
85) sec-Butylbenzene	11.95	105	159702	20.63	ug/l	99
86) p-Isopropyltoluene	12.07	119	139719	20.32	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	74596	20.07	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77153	19.77	ug/l	97
89) n-Butylbenzene	12.40	91	133134	20.80	ug/l	98
90) Hexachloroethane	12.60	117	21749	20.10	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	74743	20.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15260	20.97	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032918\
Quantitation Report (Not Reviewed)

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Operator : JC/MD
Sample : VX0329WBSD01
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Mar 30 06:57:27 2018
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53770	20.58	ug/l	99
94) Hexachlorobutadiene	13.79	225	22560	20.86	ug/l	96
95) Naphthalene	13.84	128	188512	20.72	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	55297	21.42	ug/l	100

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

Data File : VX000527.D

Acq On : 29 Mar 2018 21:31

Operator : JC/MD

Sample : VX0329WBSD01

Misc : 5.0mL/MSV0A_X/WATER

ALS Vial : 23 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

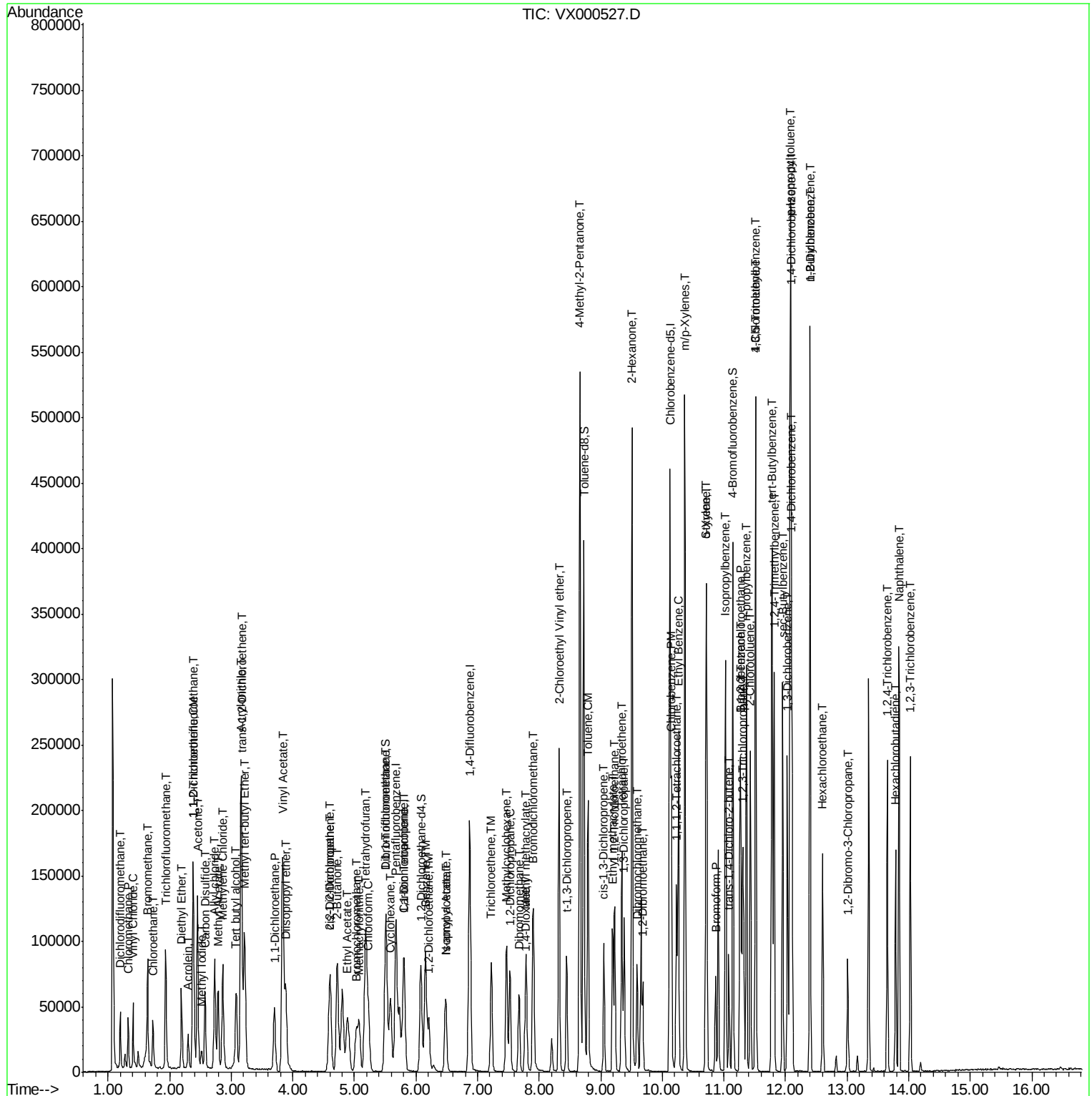
Quant Time: Mar 30 06:57:27 2018

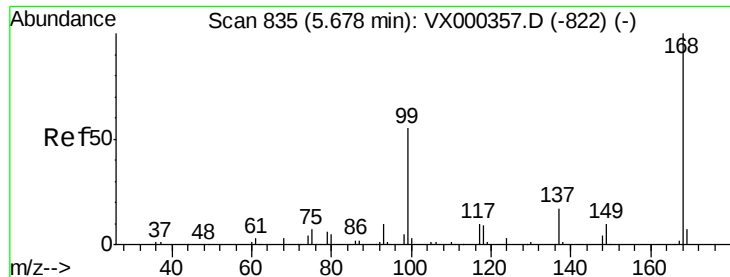
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

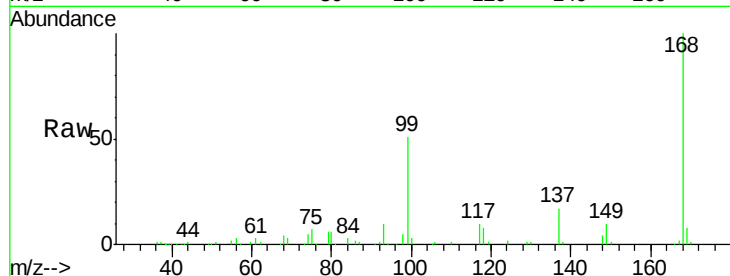
VX0329WBSD01

Tgt Ion:168 Resp: 110640

Ion Ratio Lower Upper

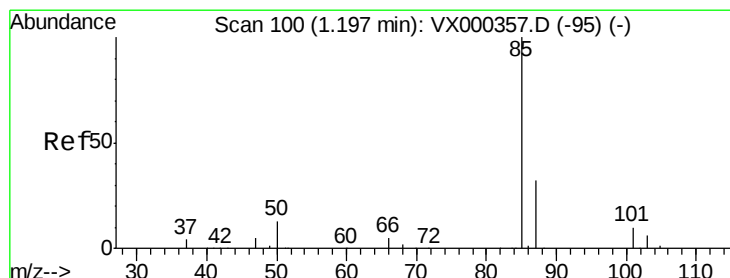
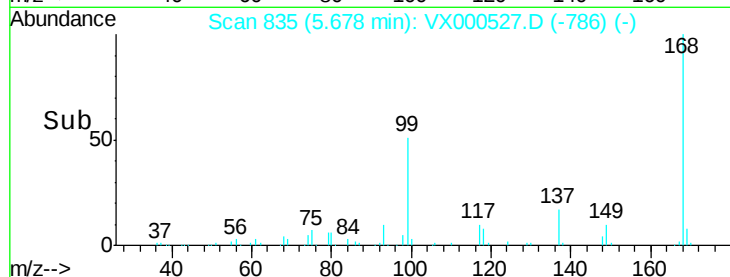
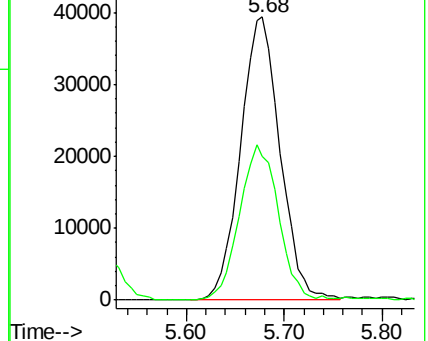
168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.87 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000527.D

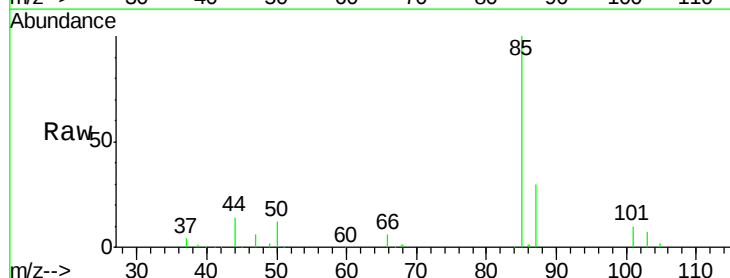
Acq: 29 Mar 2018 21:31

Tgt Ion: 85 Resp: 21792

Ion Ratio Lower Upper

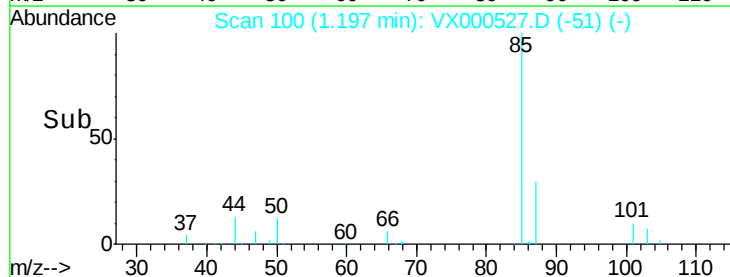
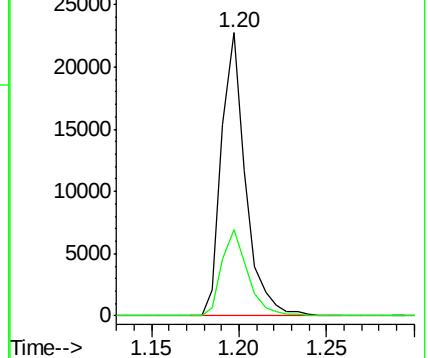
85 100

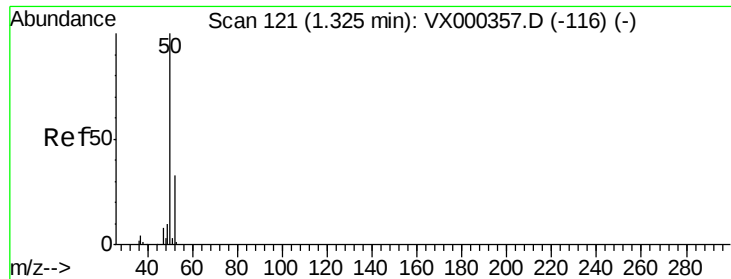
87 30.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.51 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

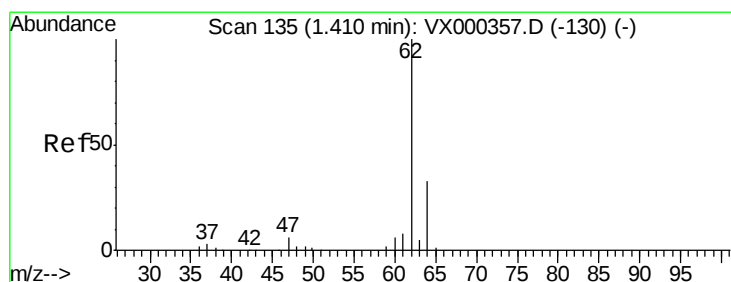
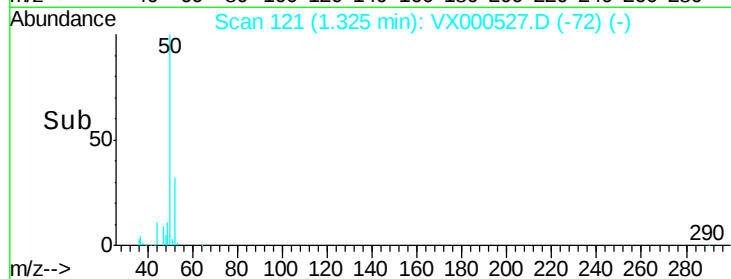
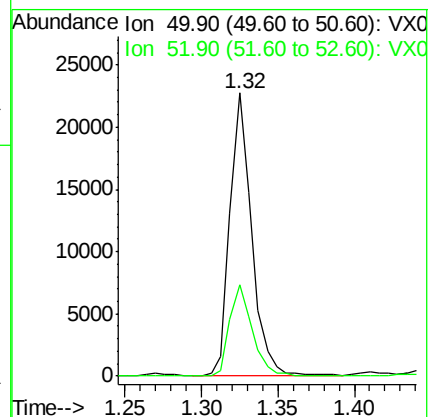
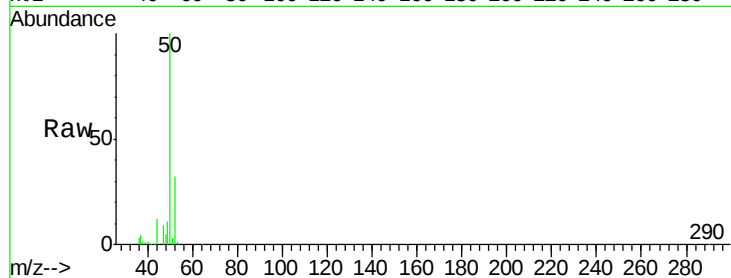
VX0329WBSD01

Tgt Ion: 50 Resp: 22493

Ion Ratio Lower Upper

50 100

52 32.1 27.5 41.3



#4

Vinyl Chloride

Concen: 22.88 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000527.D

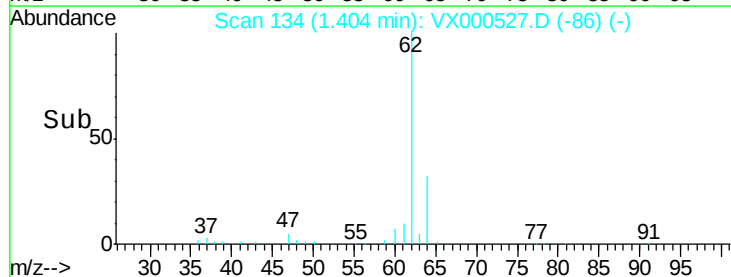
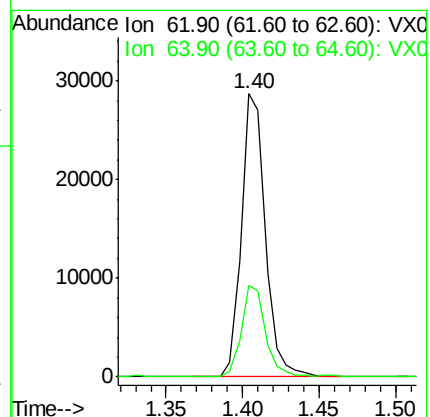
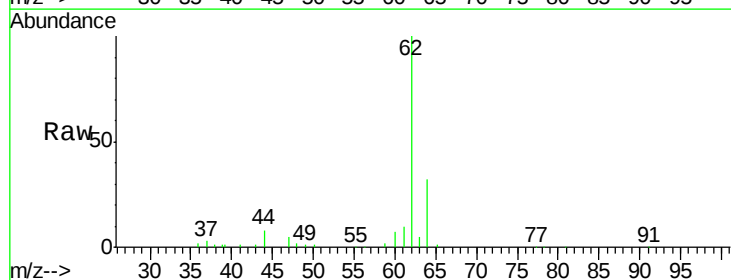
Acq: 29 Mar 2018 21:31

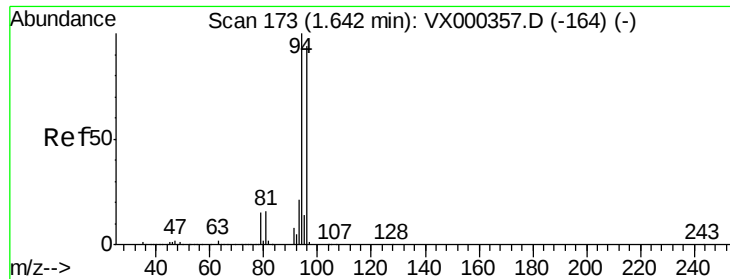
Tgt Ion: 62 Resp: 31050

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 22.73 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

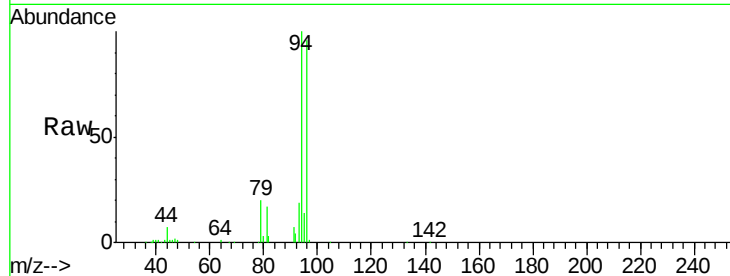
VX0329WBSD01

Tgt Ion: 94 Resp: 36889

Ion Ratio Lower Upper

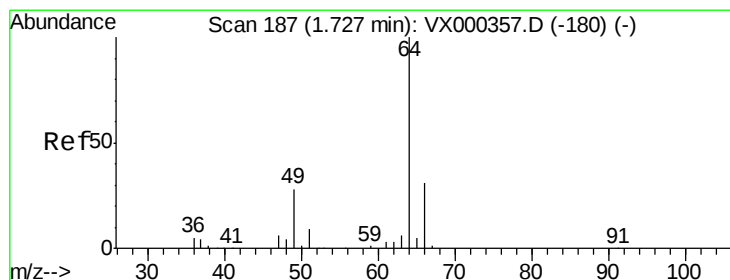
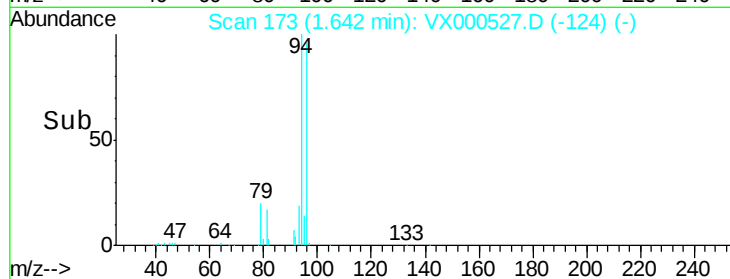
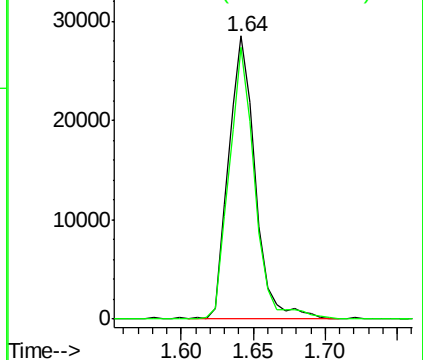
94 100

96 96.1 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 28.03 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000527.D

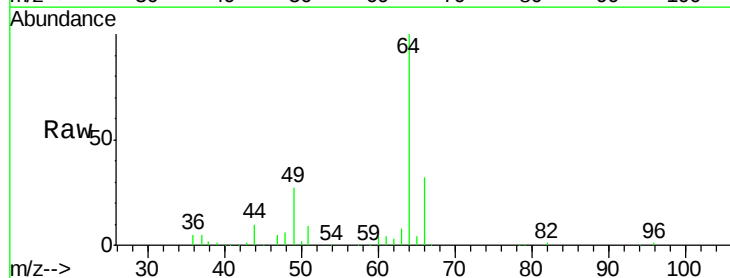
Acq: 29 Mar 2018 21:31

Tgt Ion: 64 Resp: 21541

Ion Ratio Lower Upper

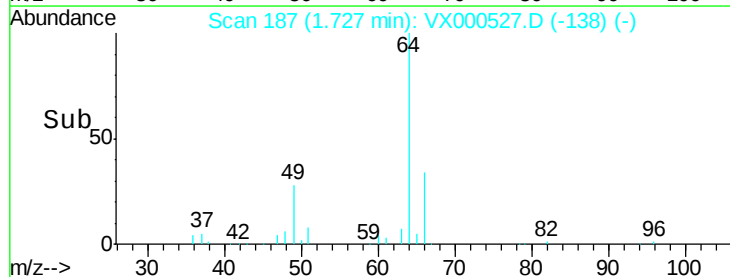
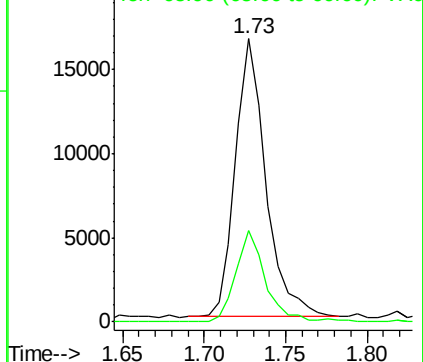
64 100

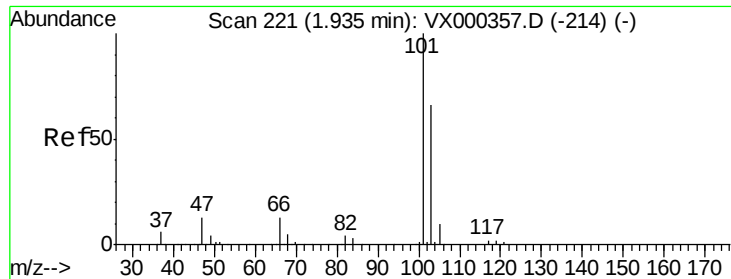
66 32.9 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



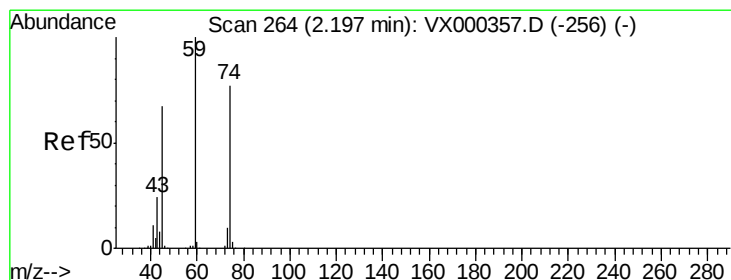
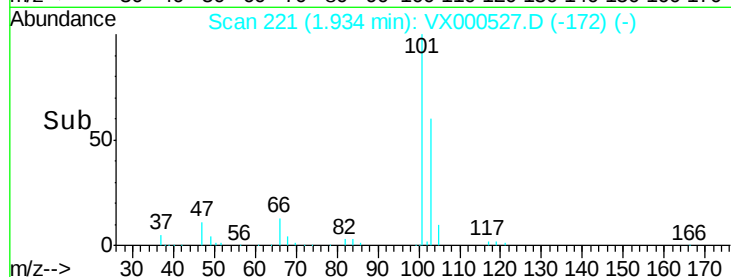
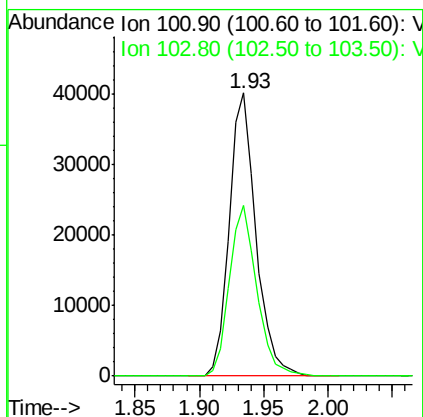
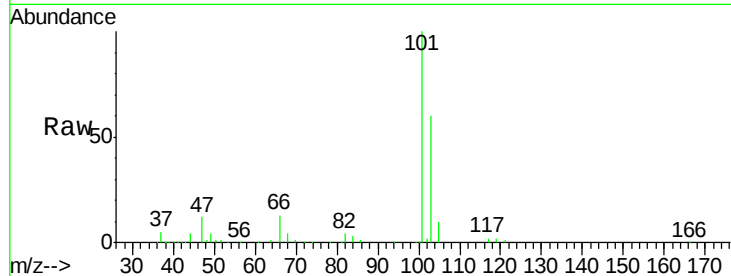


#7

Trichlorofluoromethane
Concen: 23.83 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

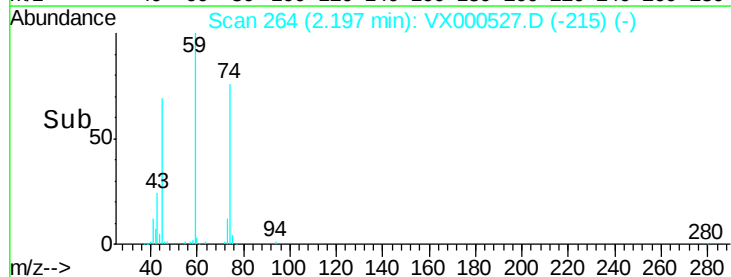
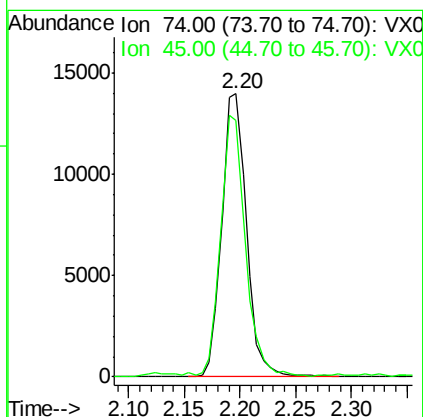
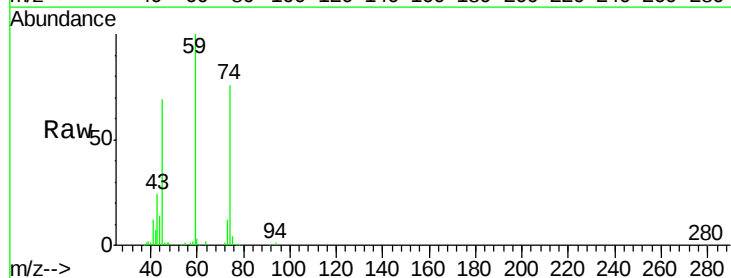
Tgt Ion:101 Resp: 58393
Ion Ratio Lower Upper
101 100
103 60.4 51.6 77.4



#8

Diethyl Ether
Concen: 24.56 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 74 Resp: 21500
Ion Ratio Lower Upper
74 100
45 93.4 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.69 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

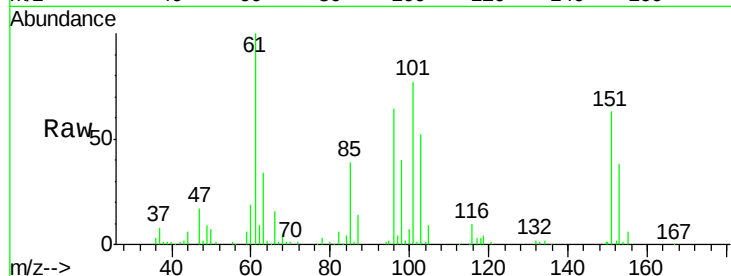
Tgt Ion:101 Resp: 32360

Ion Ratio Lower Upper

101 100

85 48.7 37.6 56.4

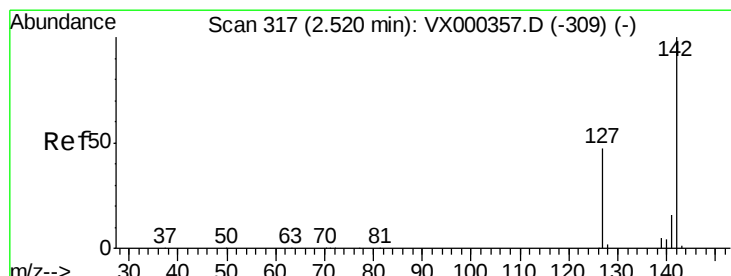
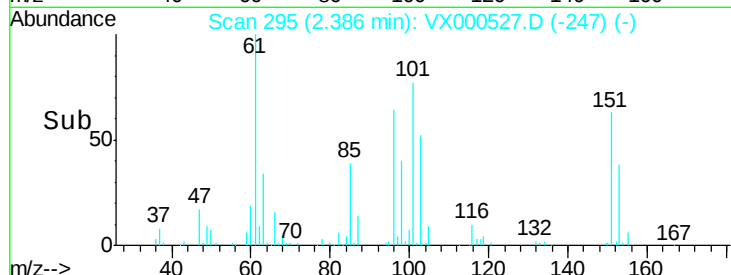
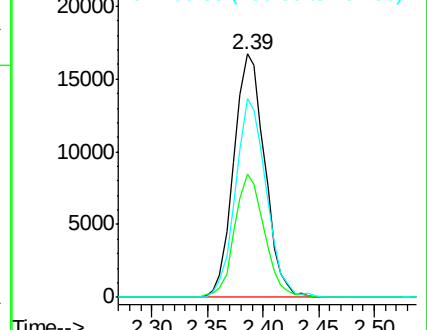
151 81.0 62.6 93.8



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: 13.10 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

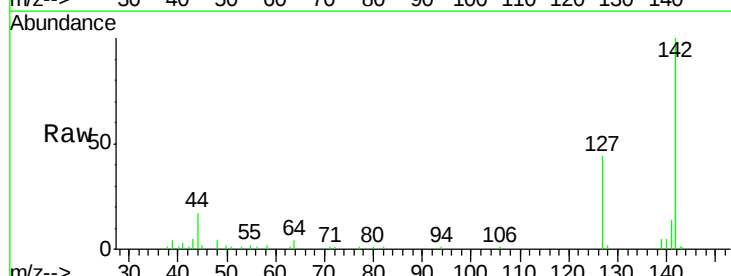
Tgt Ion:142 Resp: 13060

Ion Ratio Lower Upper

142 100

127 47.7 39.2 58.8

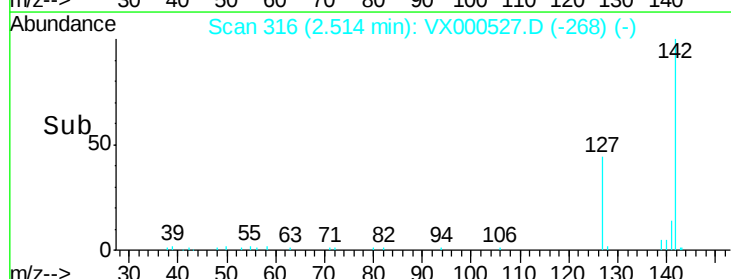
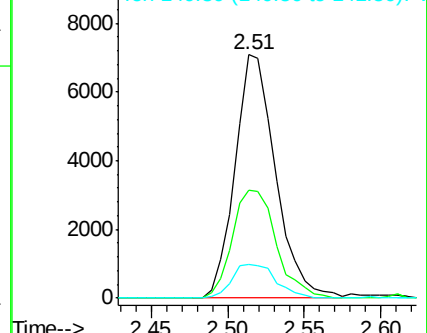
141 15.1 11.7 17.5

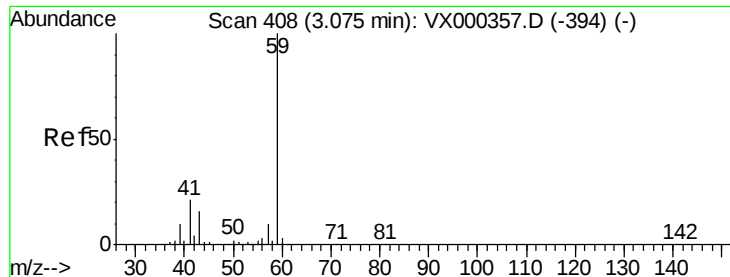


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

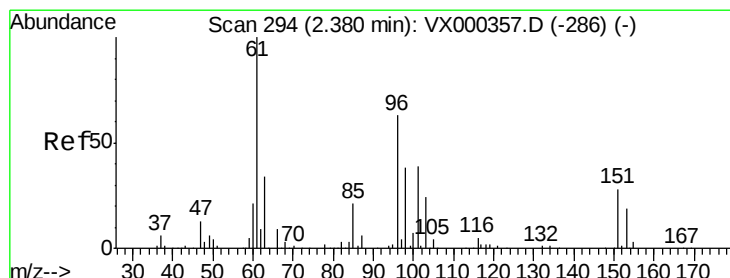
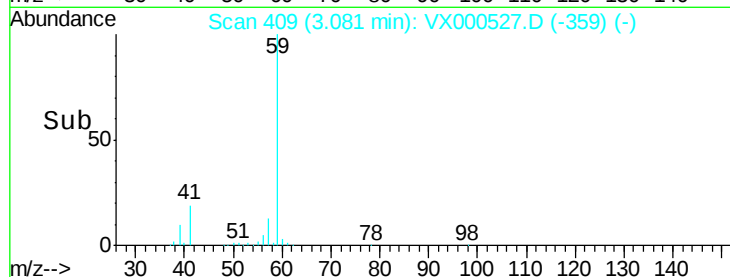
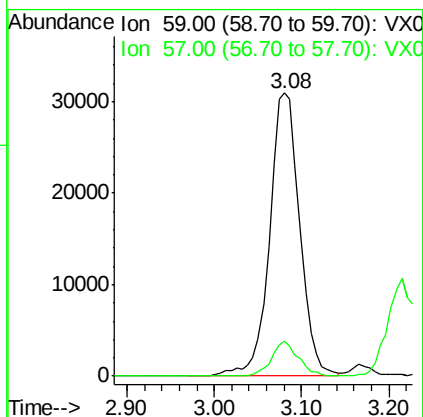
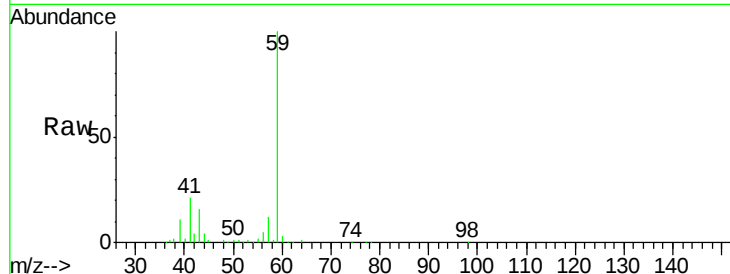




#11
Tert butyl alcohol
Concen: 150.31 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

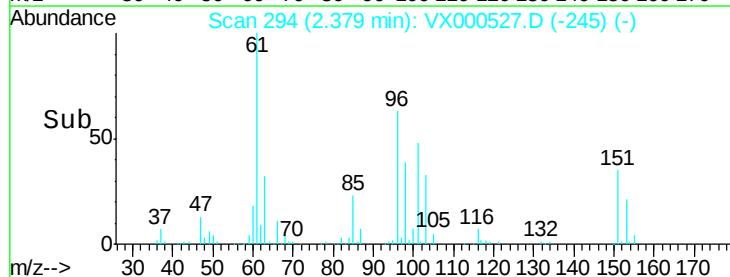
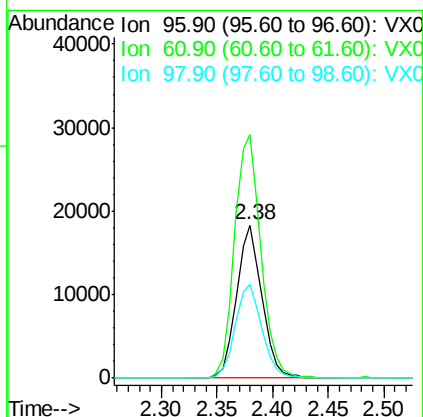
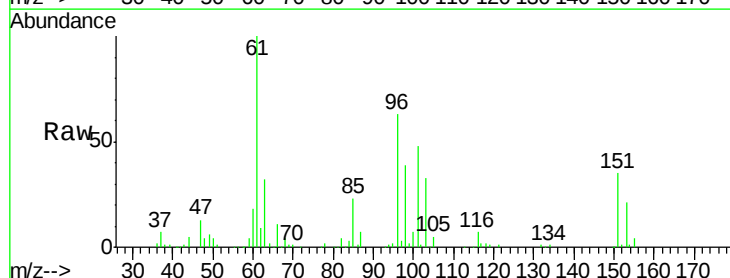
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

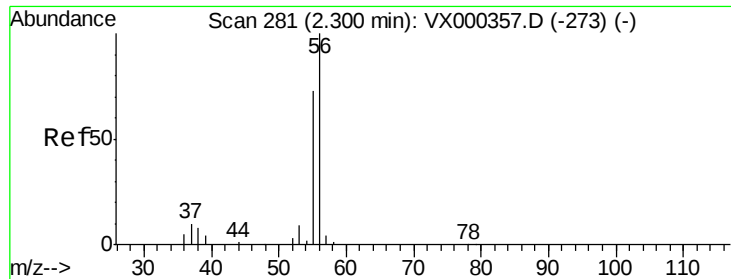
Tgt Ion: 59 Resp: 74670
Ion Ratio Lower Upper
59 100
57 11.0 8.4 12.6



#12
1,1-Dichloroethene
Concen: 24.15 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 96 Resp: 28963
Ion Ratio Lower Upper
96 100
61 158.9 131.2 196.8
98 61.3 49.8 74.8





#13

Acrolein

Concen: 122.07 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampled :

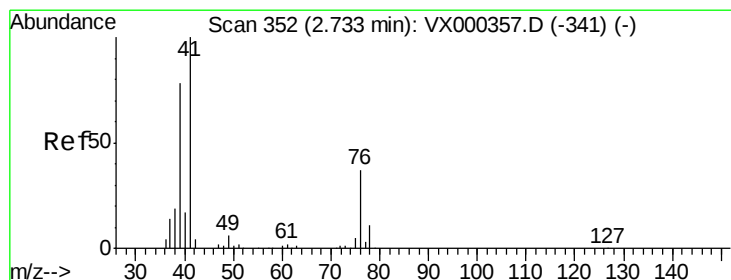
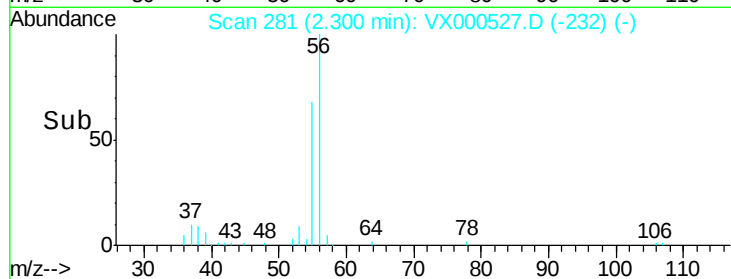
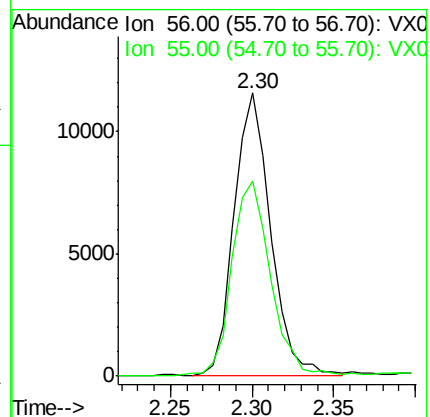
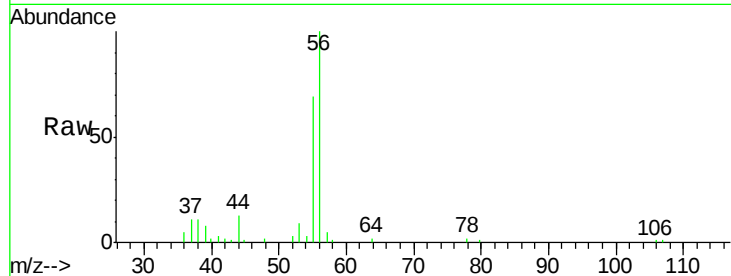
VX0329WBSD01

Tgt Ion: 56 Resp: 18106

Ion Ratio Lower Upper

56 100

55 73.7 58.8 88.2



#14

Allyl chloride

Concen: 25.05 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

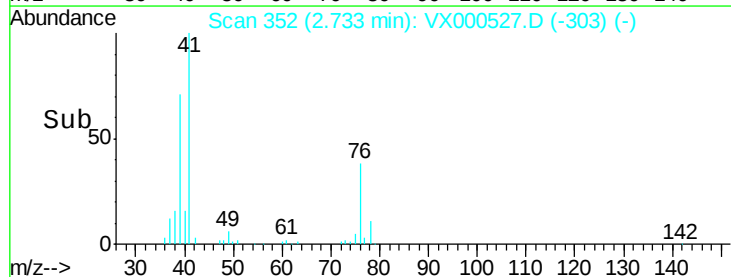
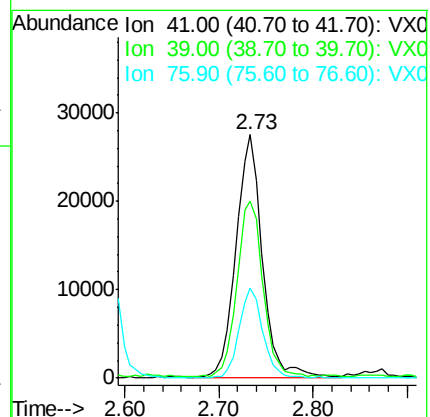
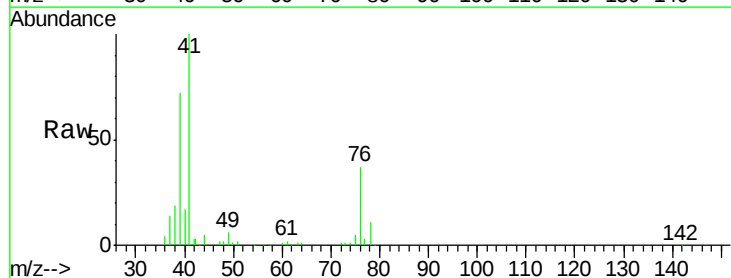
Tgt Ion: 41 Resp: 53165

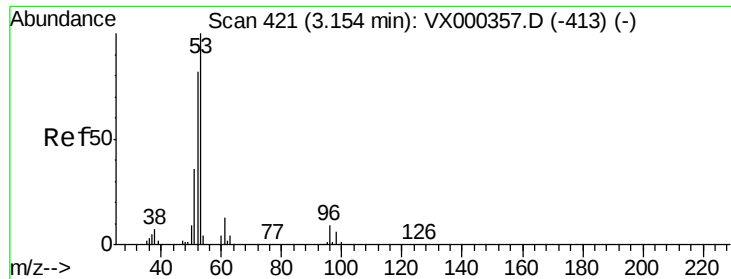
Ion Ratio Lower Upper

41 100

39 71.5 57.6 86.4

76 33.6 27.3 40.9





#15

Acrylonitrile

Concen: 133.02 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

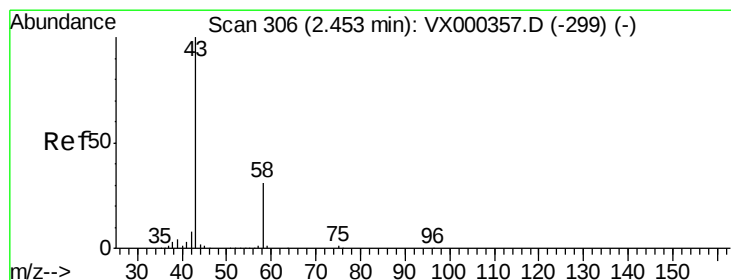
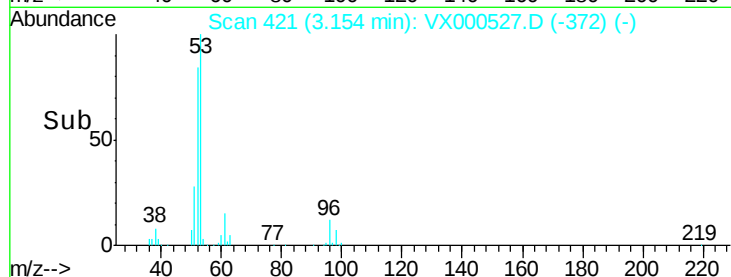
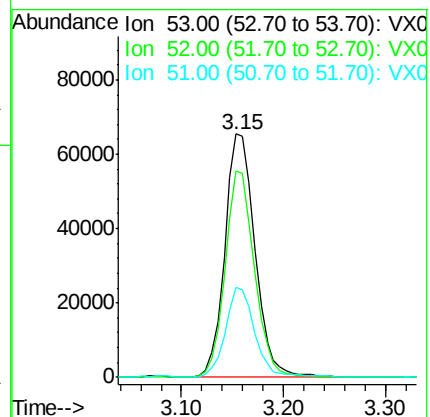
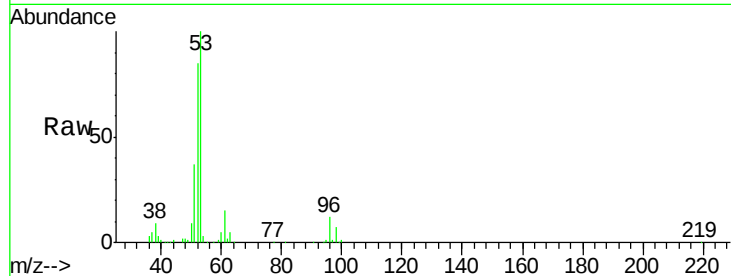
Tgt Ion: 53 Resp: 133844

Ion Ratio Lower Upper

53 100

52 82.9 66.6 99.8

51 36.3 29.3 43.9



#16

Acetone

Concen: 112.50 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000527.D

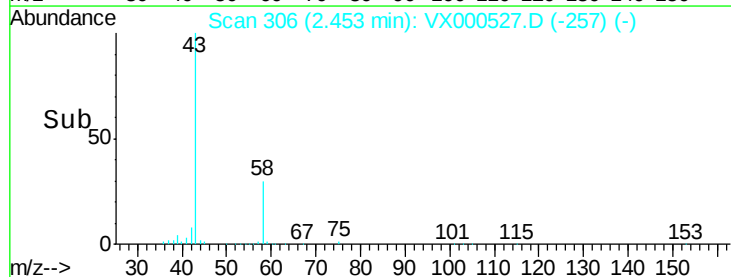
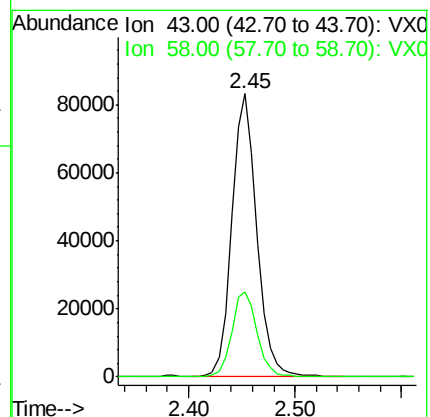
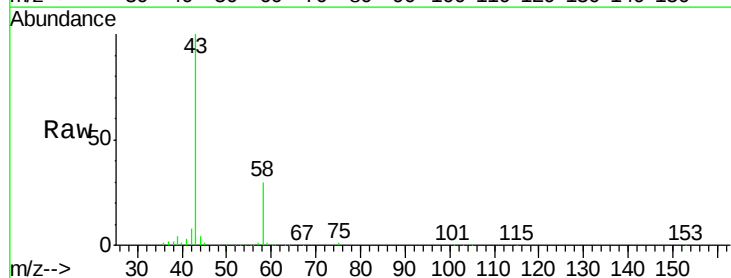
Acq: 29 Mar 2018 21:31

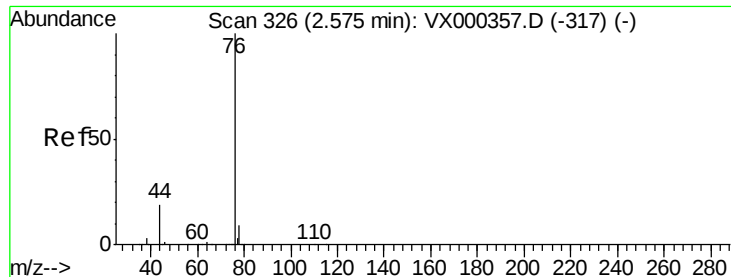
Tgt Ion: 43 Resp: 135156

Ion Ratio Lower Upper

43 100

58 30.1 24.7 37.1





#17

Carbon Disulfide

Concen: 21.60 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

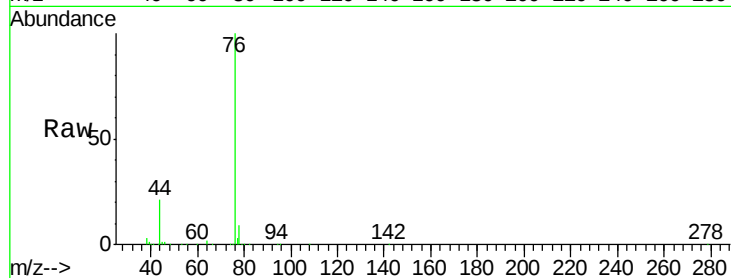
VX0329WBSD01

Tgt Ion: 76 Resp: 68874

Ion Ratio Lower Upper

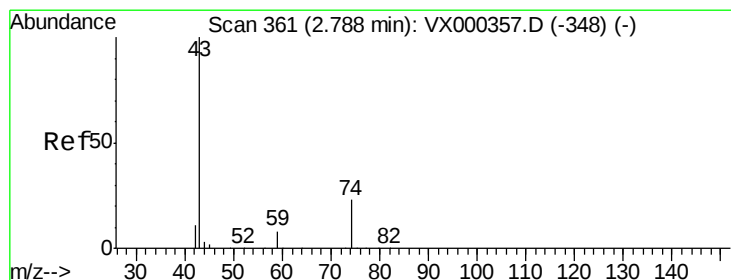
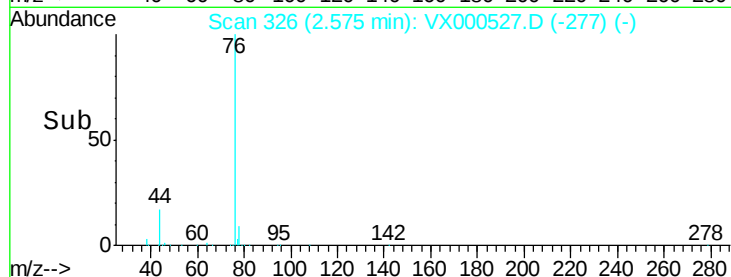
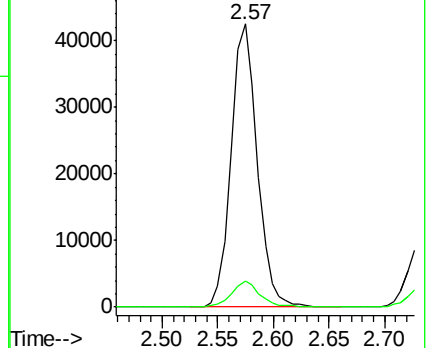
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 28.05 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000527.D

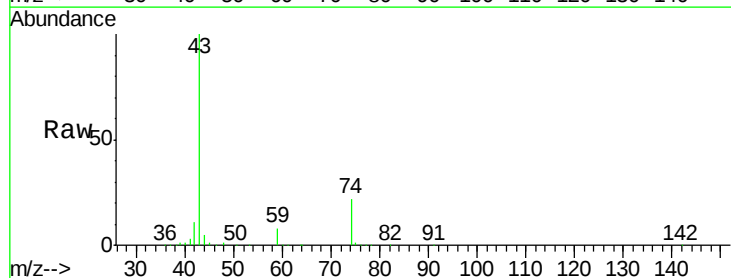
Acq: 29 Mar 2018 21:31

Tgt Ion: 43 Resp: 70663

Ion Ratio Lower Upper

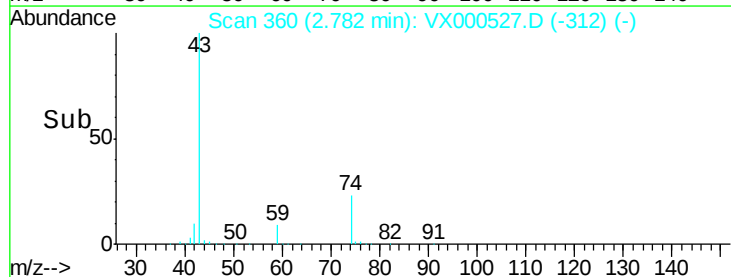
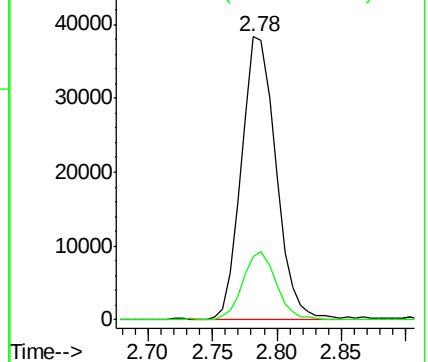
43 100

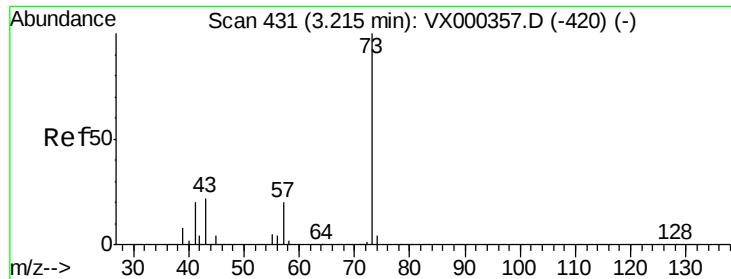
74 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

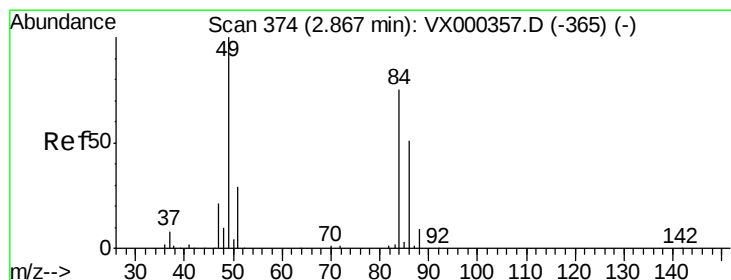
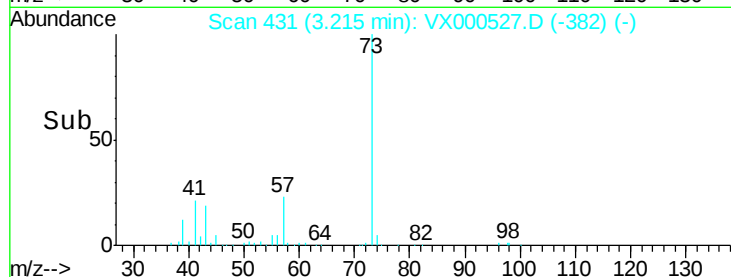
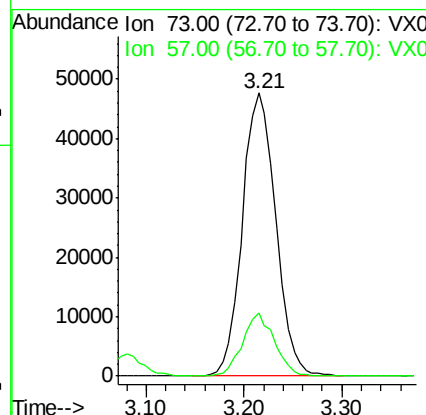
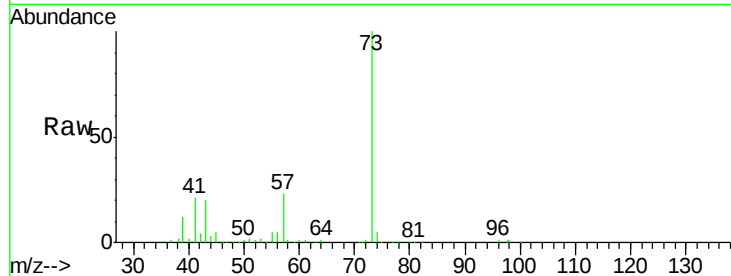




#19
Methyl tert-butyl Ether
Concen: 25.46 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

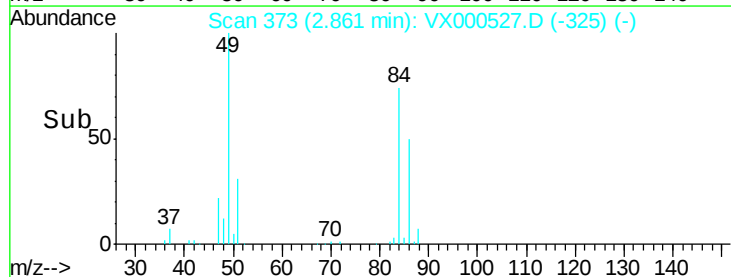
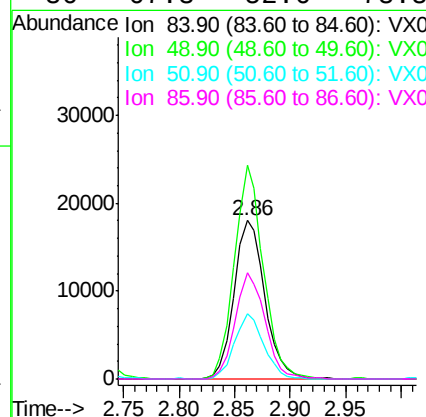
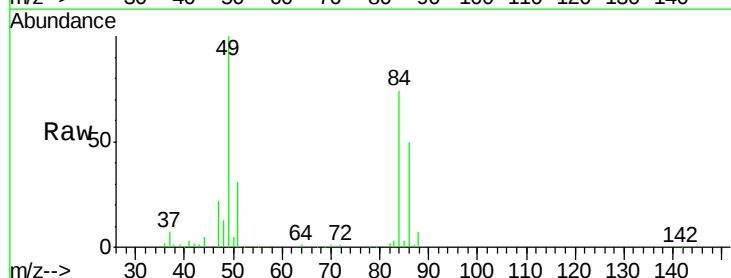
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 73 Resp: 112920
Ion Ratio Lower Upper
73 100
57 22.5 17.2 25.8



#20
Methylene Chloride
Concen: 24.81 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 84 Resp: 34434
Ion Ratio Lower Upper
84 100
49 134.6 100.6 151.0
51 41.5 31.6 47.4
86 67.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 24.14 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

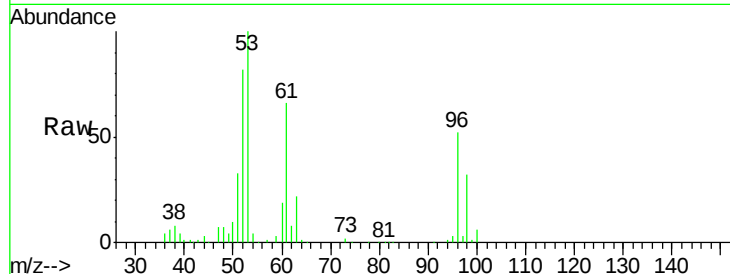
Tgt Ion: 96 Resp: 32290

Ion Ratio Lower Upper

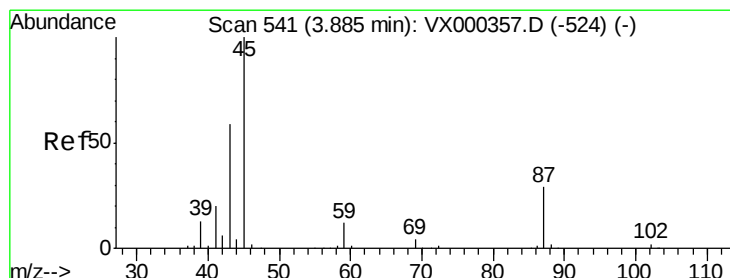
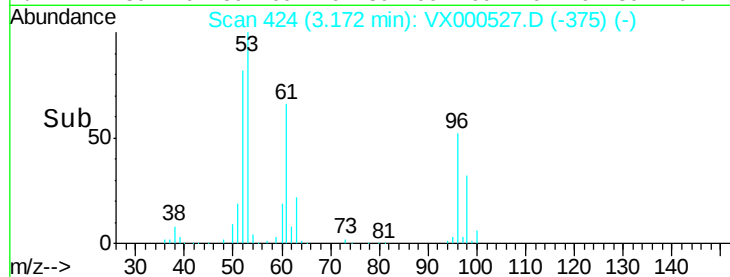
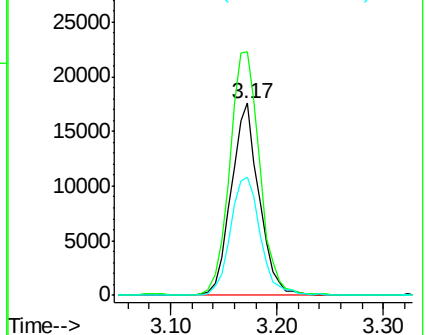
96 100

61 126.7 104.0 156.0

98 61.6 52.1 78.1



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: 18.66 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Tgt Ion: 45 Resp: 69937

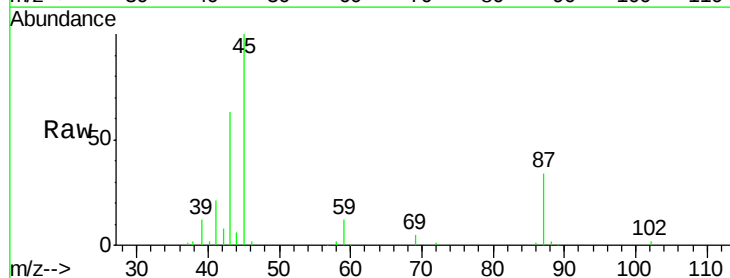
Ion Ratio Lower Upper

45 100

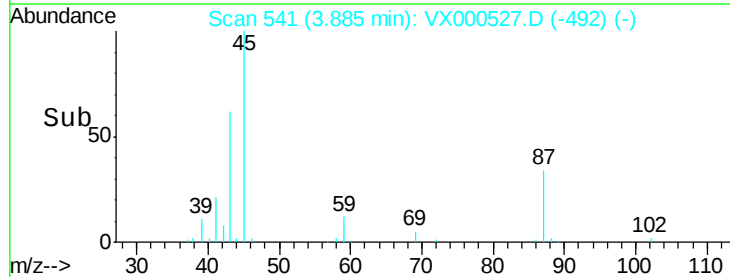
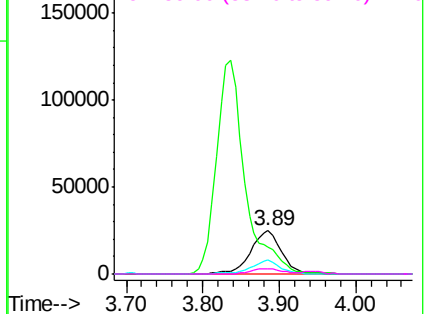
43 61.6 53.9 80.9

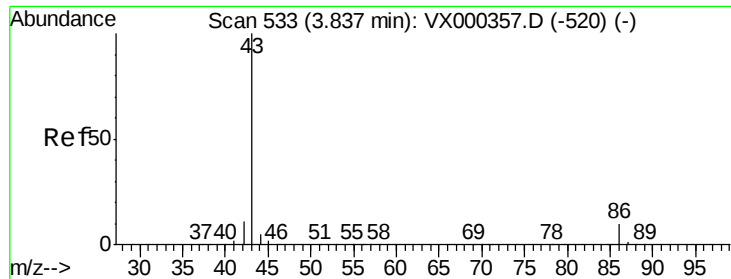
87 33.7 22.6 34.0

59 12.1 9.5 14.3



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: 89.90 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

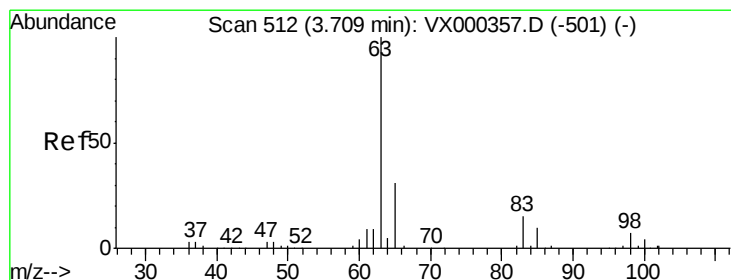
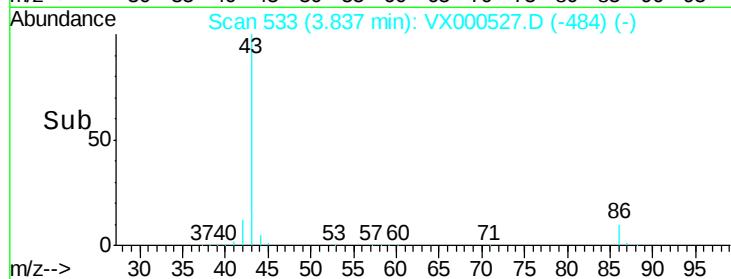
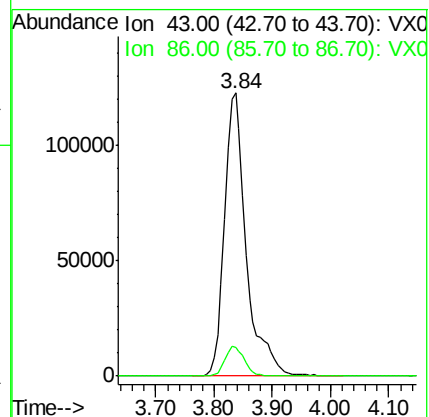
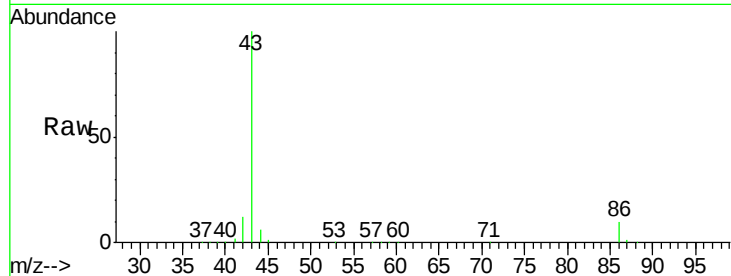
VX0329WBSD01

Tgt Ion: 43 Resp: 319497

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 21.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

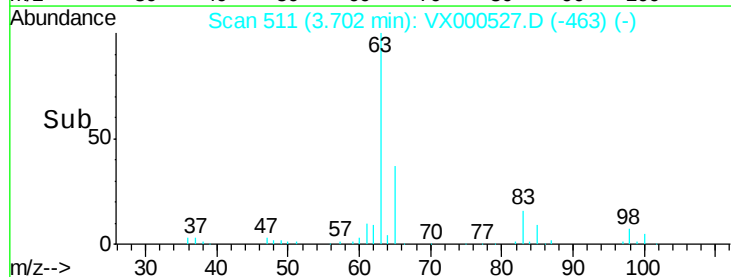
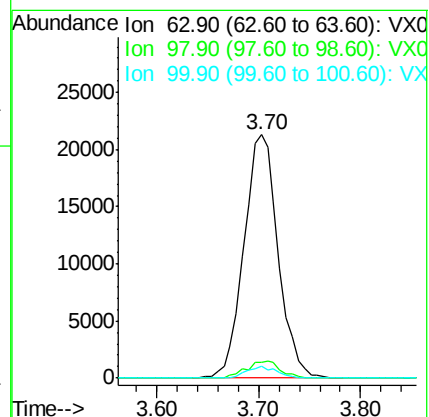
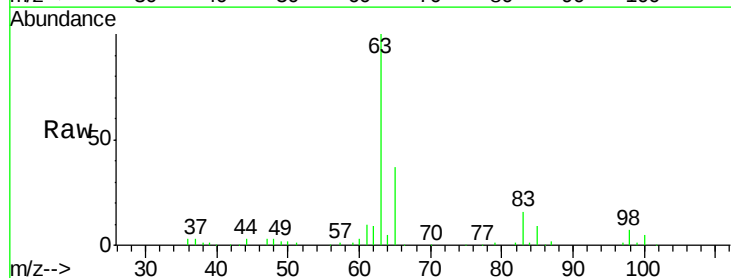
Tgt Ion: 63 Resp: 49488

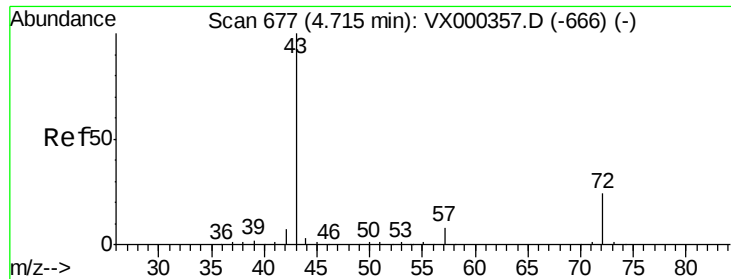
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.9 2.0 5.8





#25

2-Butanone

Concen: 107.19 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

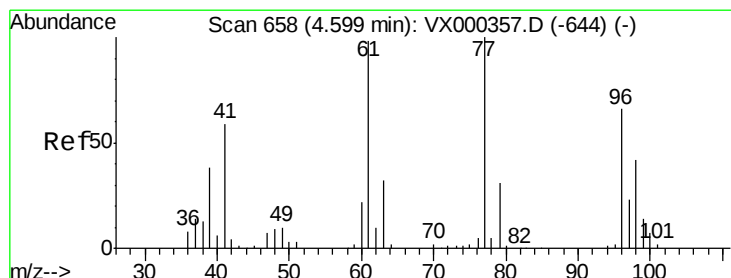
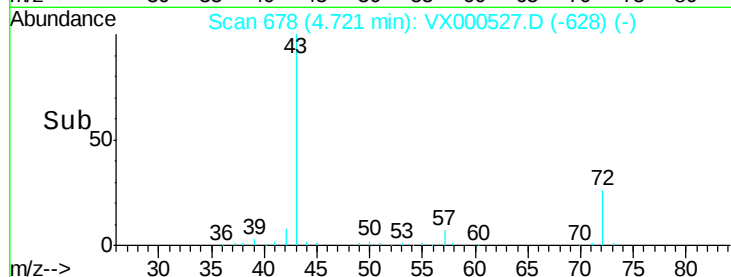
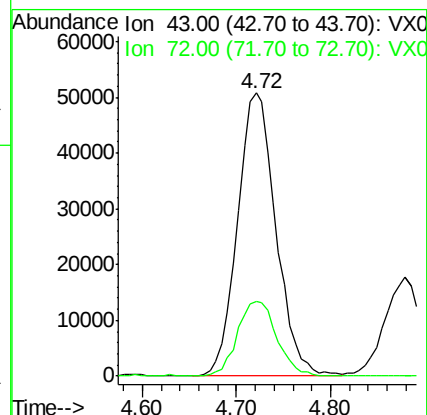
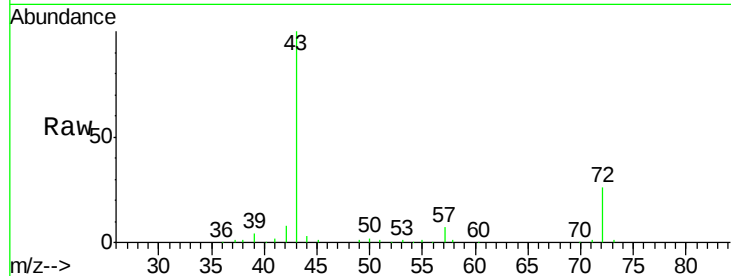
VX0329WBSD01

Tgt Ion: 43 Resp: 144756

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.74 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000527.D

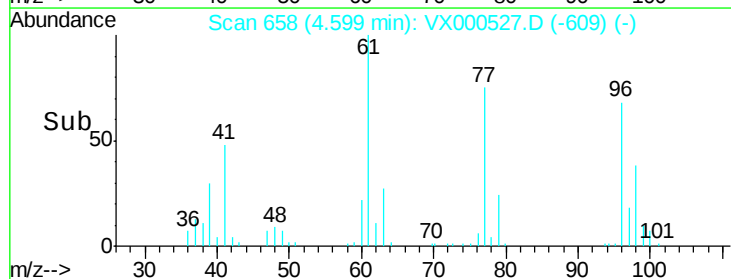
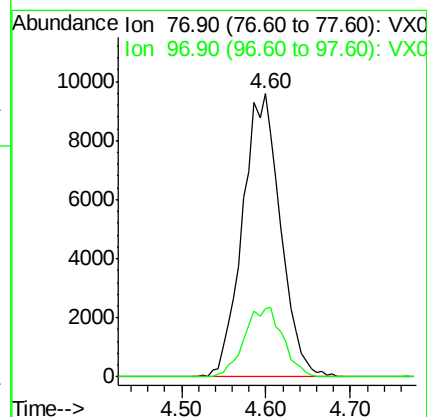
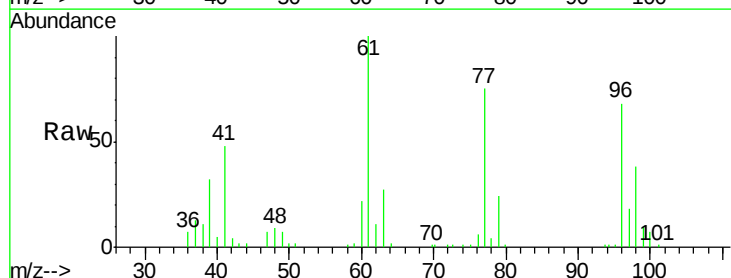
Acq: 29 Mar 2018 21:31

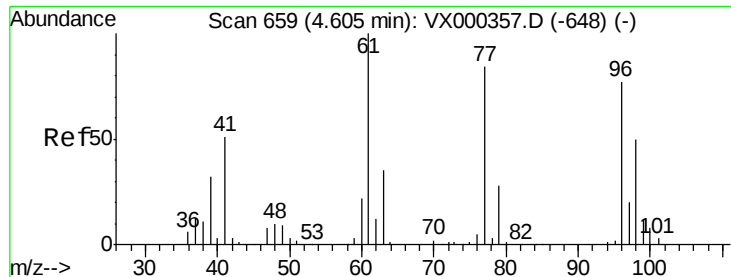
Tgt Ion: 77 Resp: 29310

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.51 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

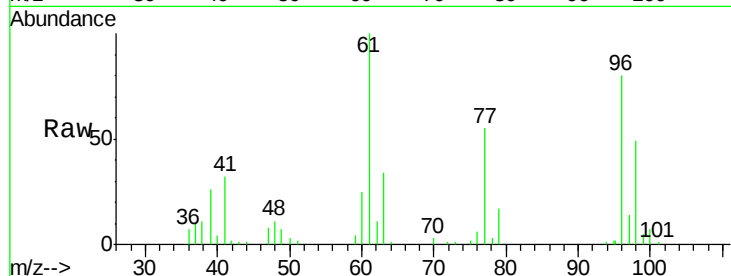
Tgt Ion: 96 Resp: 26897

Ion Ratio Lower Upper

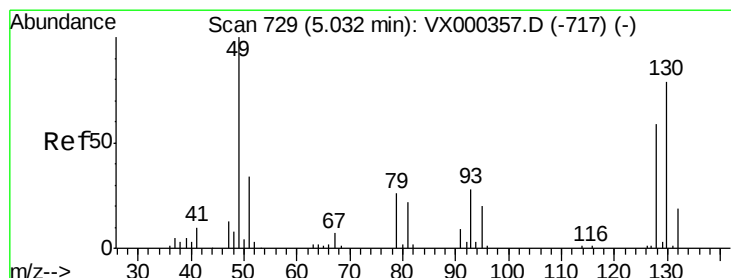
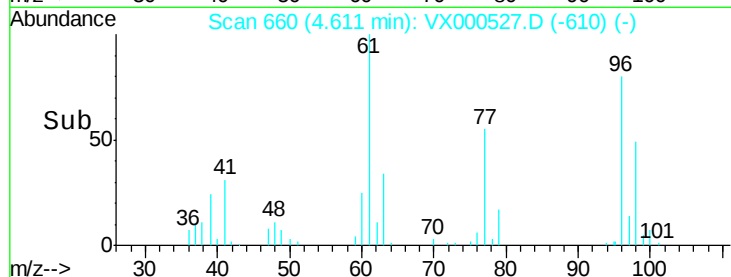
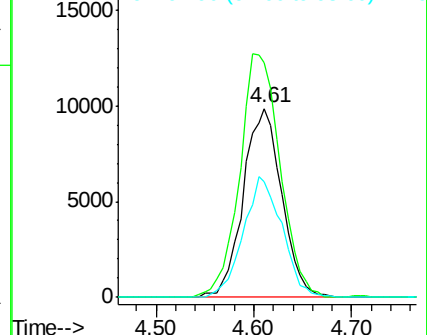
96 100

61 135.1 0.0 291.6

98 64.2 0.0 132.0



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: 20.34 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

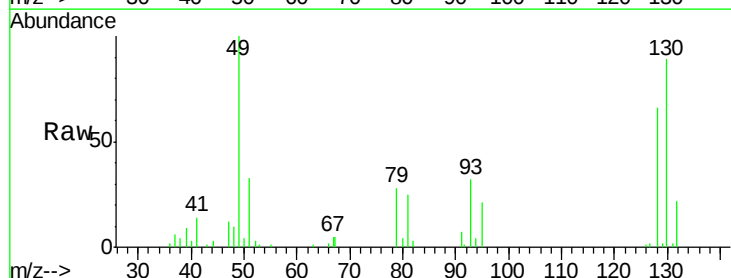
Tgt Ion: 49 Resp: 19769

Ion Ratio Lower Upper

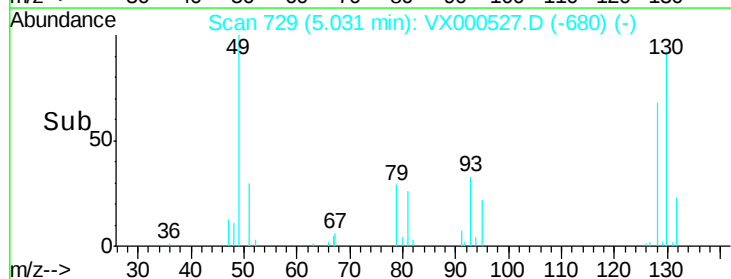
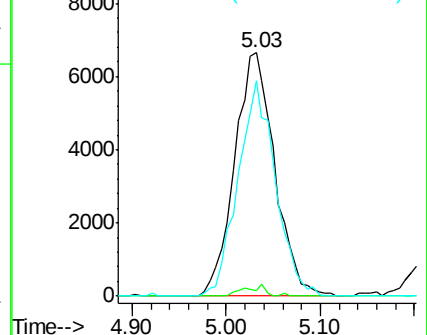
49 100

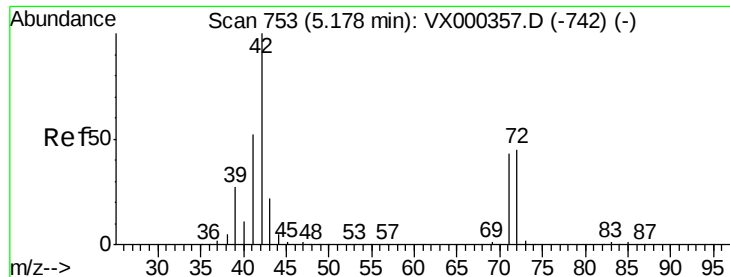
129 2.3 0.0 5.0

130 82.4 64.0 96.0



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: 110.49 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

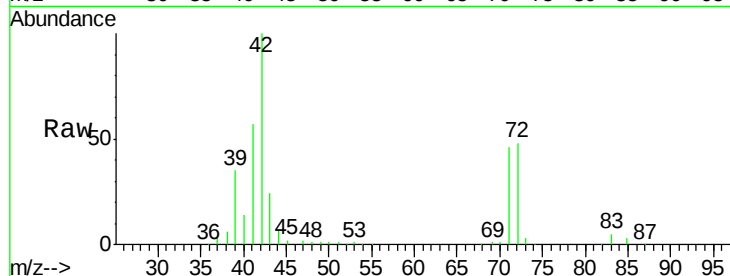
Tgt Ion: 42 Resp: 91804

Ion Ratio Lower Upper

42 100

72 47.5 37.9 56.9

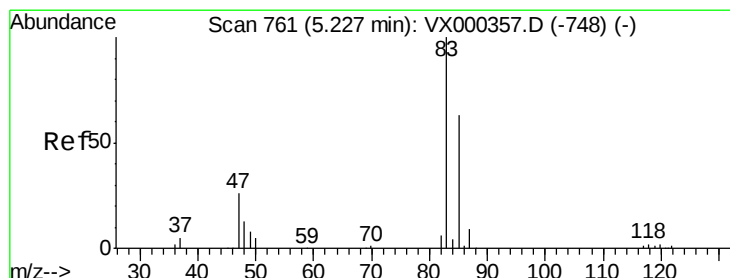
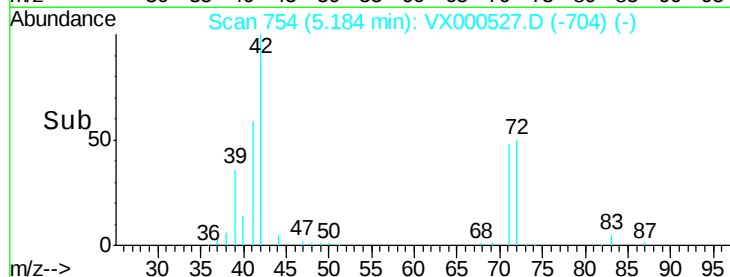
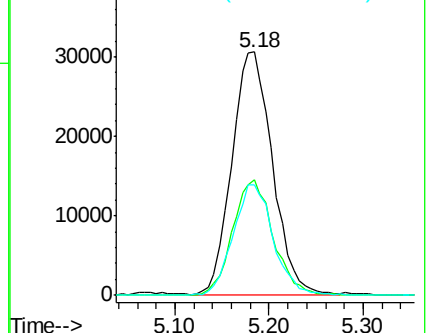
71 45.1 34.4 51.6



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: 21.60 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX000527.D

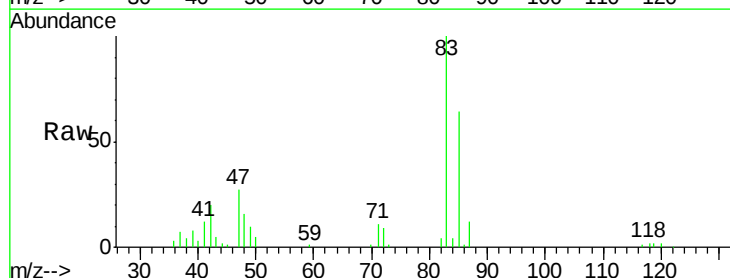
Acq: 29 Mar 2018 21:31

Tgt Ion: 83 Resp: 47711

Ion Ratio Lower Upper

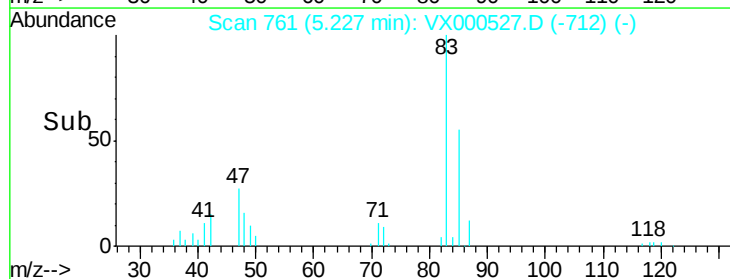
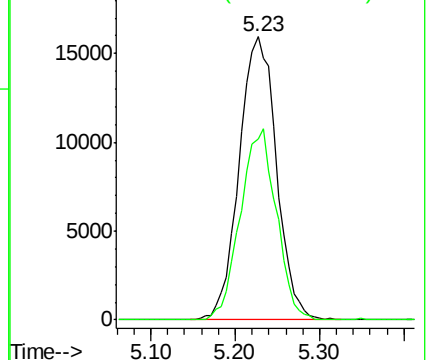
83 100

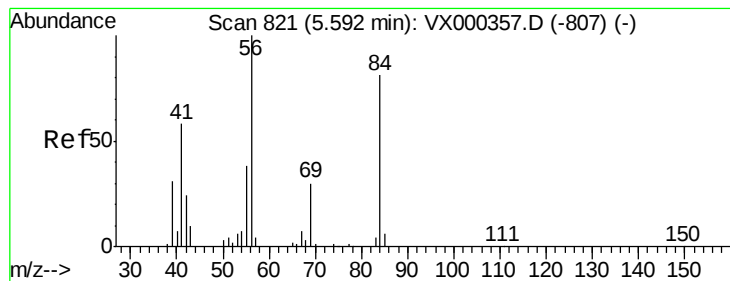
85 63.8 53.3 79.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.48 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

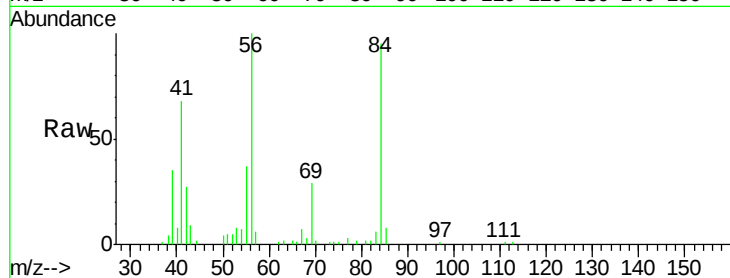
Tgt Ion: 56 Resp: 35487

Ion Ratio Lower Upper

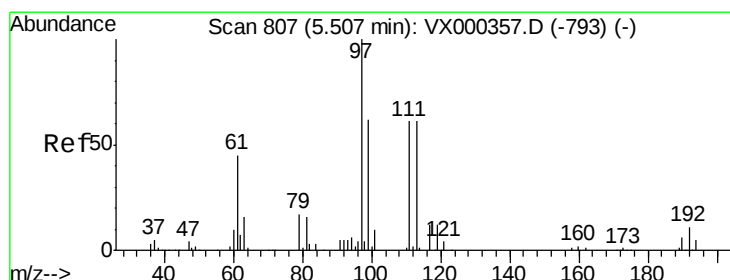
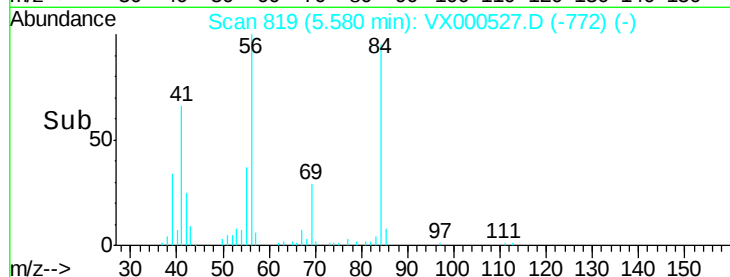
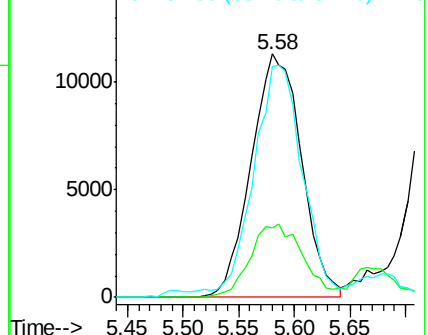
56 100

69 28.7 23.4 35.0

84 92.7 71.0 106.4



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: 20.72 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

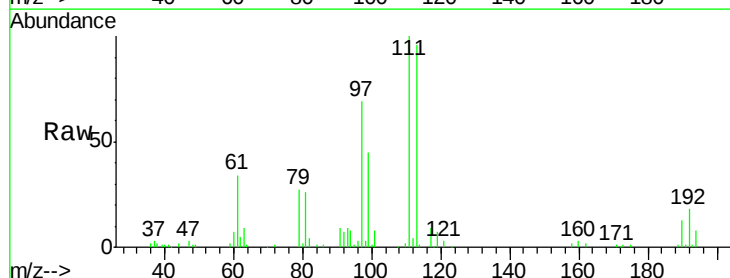
Tgt Ion: 97 Resp: 41299

Ion Ratio Lower Upper

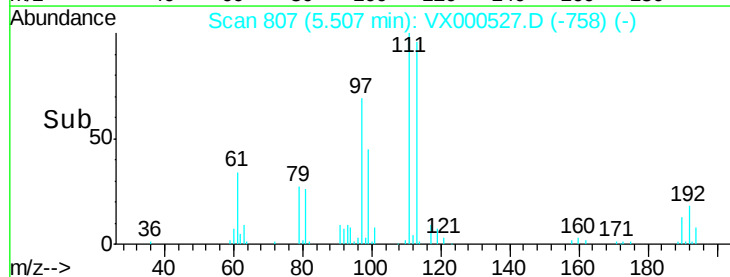
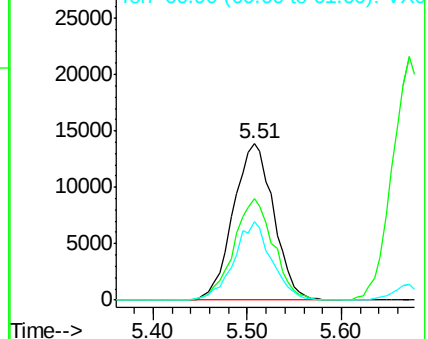
97 100

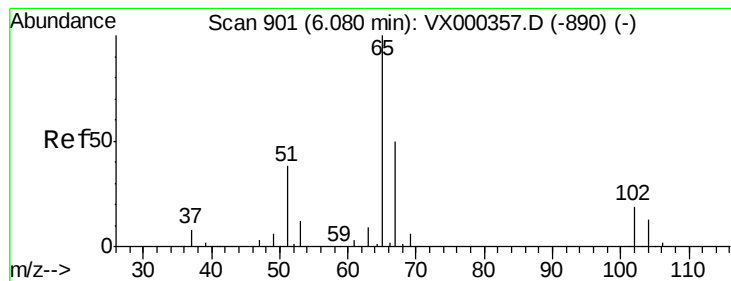
99 63.3 52.1 78.1

61 46.4 36.2 54.4



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: 51.77 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

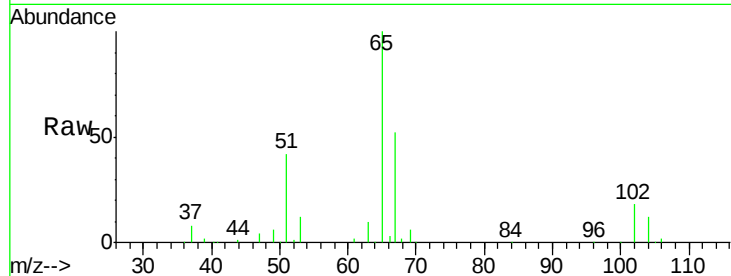
VX0329WBSD01

Tgt Ion: 65 Resp: 74773

Ion Ratio Lower Upper

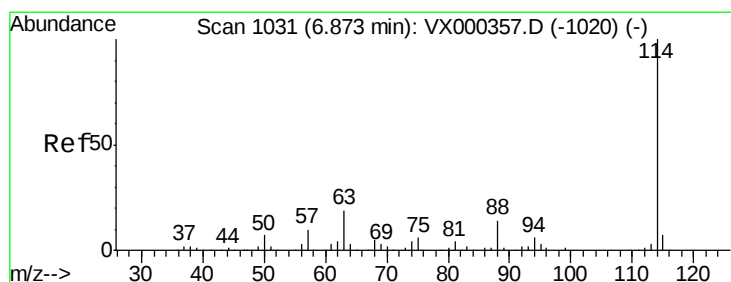
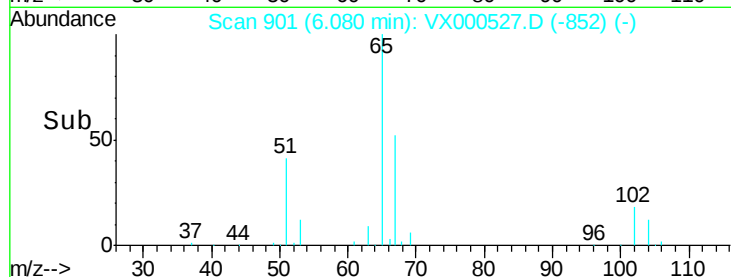
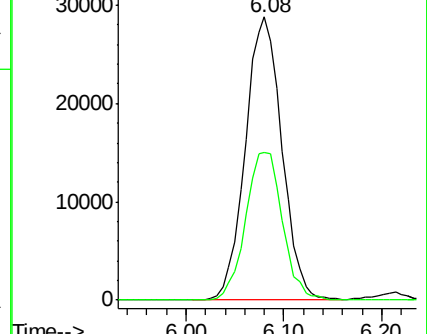
65 100

67 52.7 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

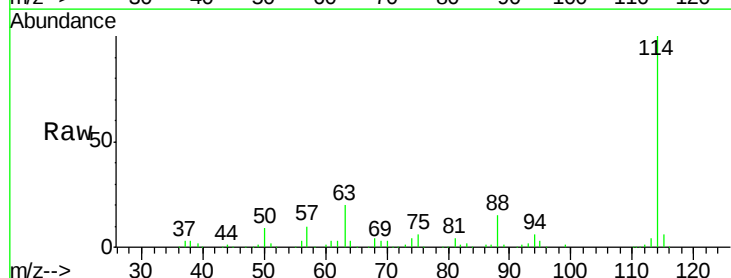
Tgt Ion: 114 Resp: 188099

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

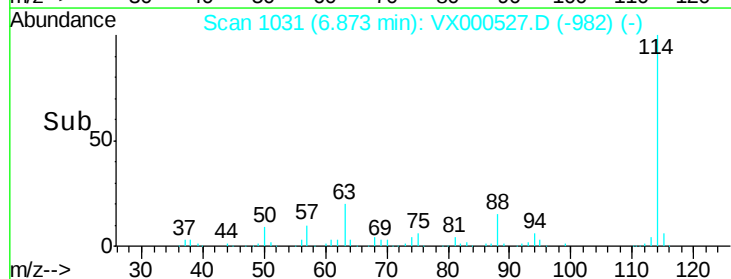
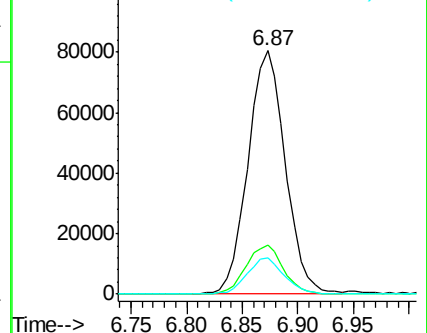
88 14.8 0.0 27.0

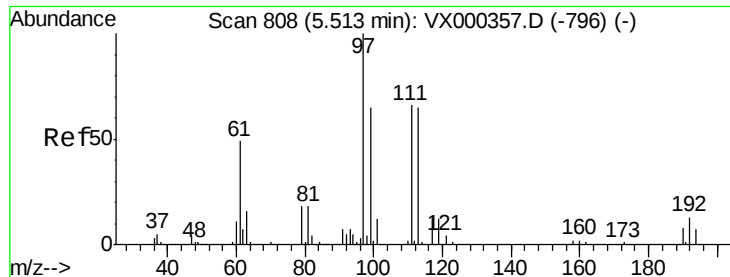


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.22 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

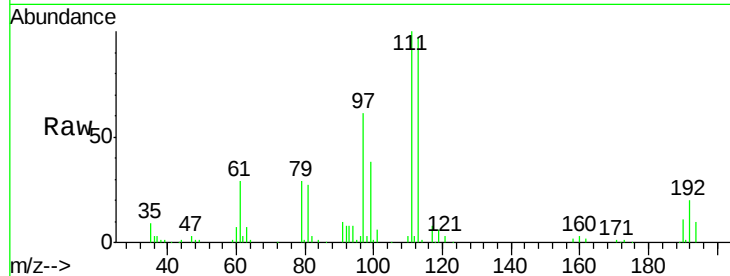
Tgt Ion:113 Resp: 59520

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

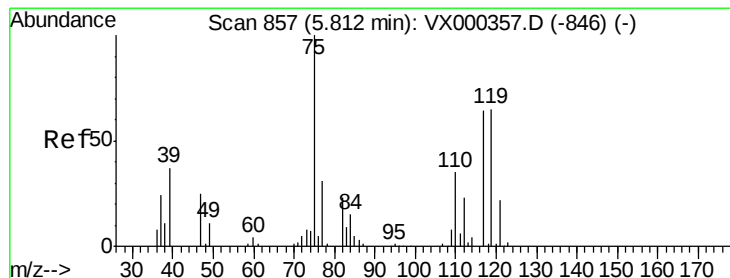
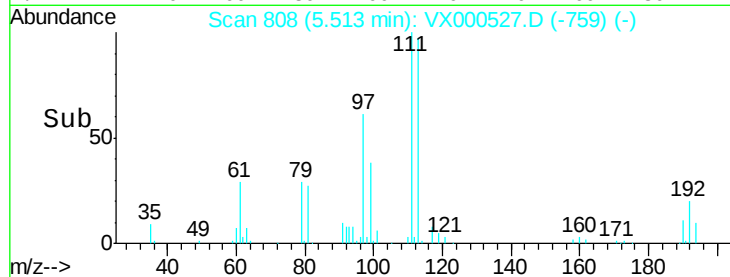
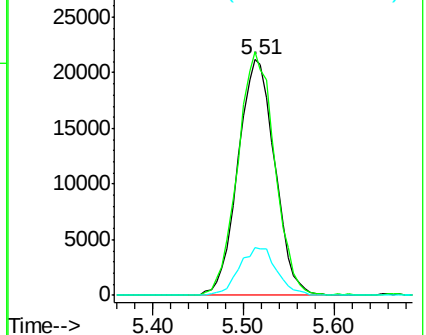
192 20.6 15.8 23.6



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: 19.94 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

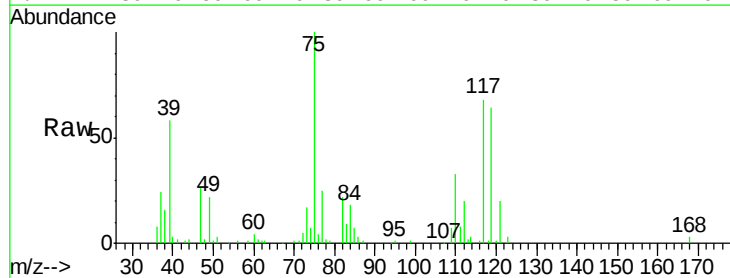
Tgt Ion: 75 Resp: 35130

Ion Ratio Lower Upper

75 100

110 36.2 17.9 53.7

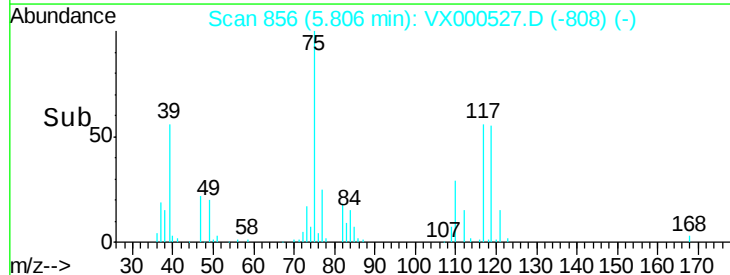
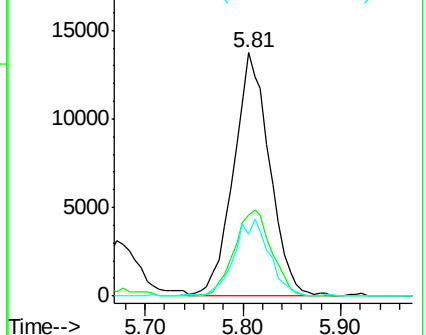
77 31.1 24.0 36.0

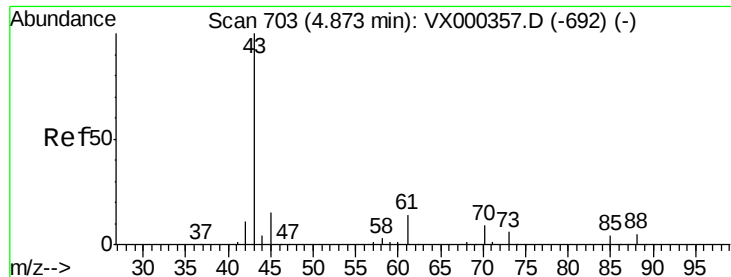


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

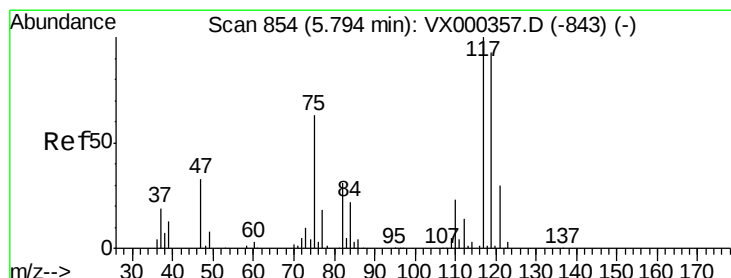
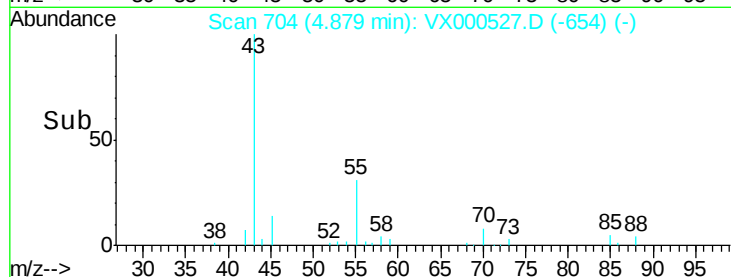
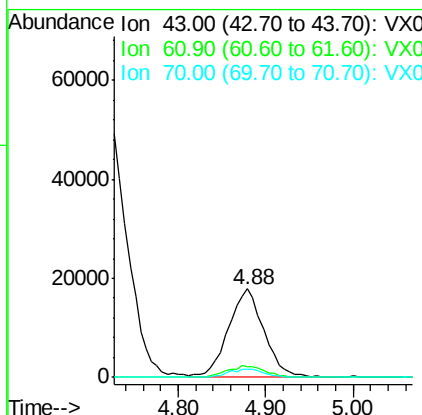
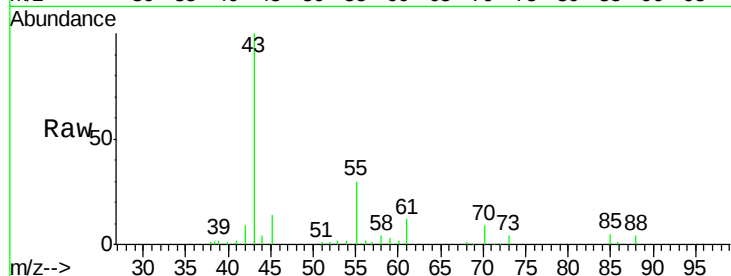




#37
Ethyl Acetate
Concen: 20.73 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

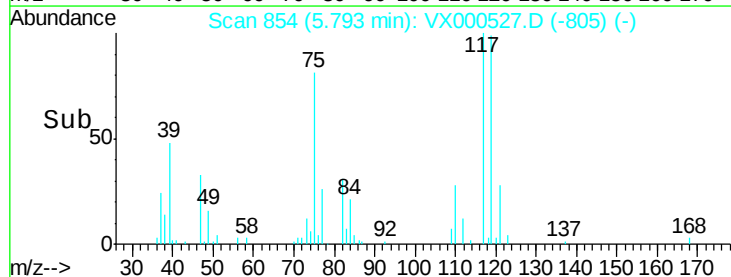
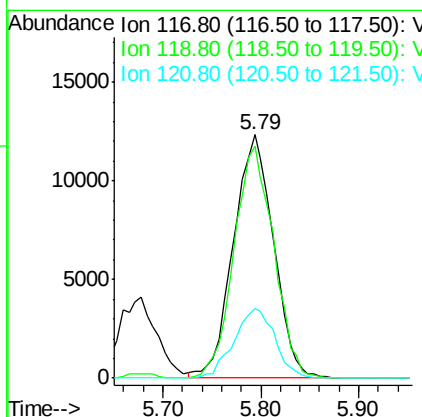
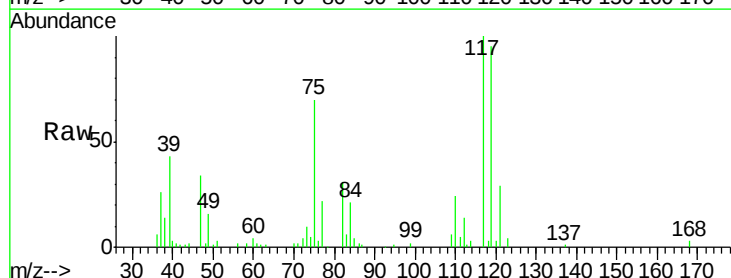
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

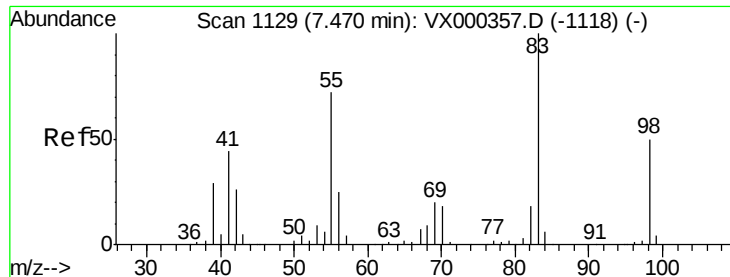
Tgt Ion: 43 Resp: 49886
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.98 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 117 Resp: 35083
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.2
121 28.7 24.8 37.2

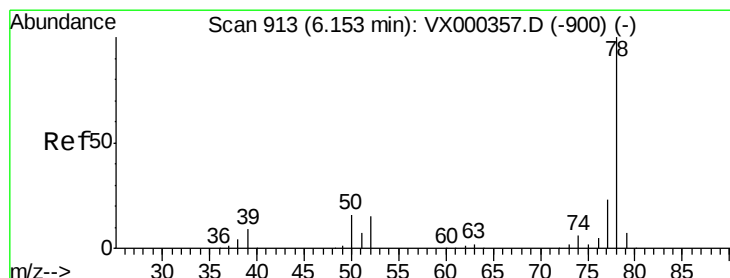
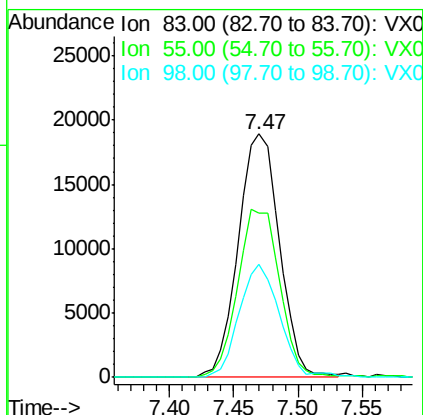
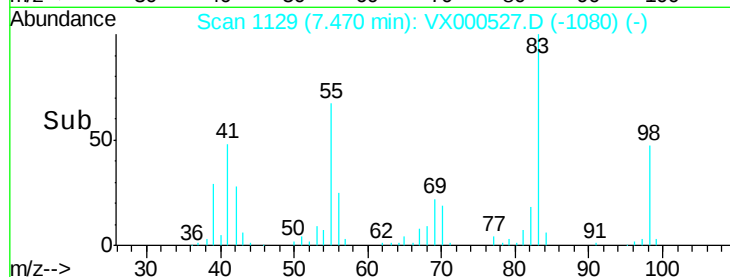
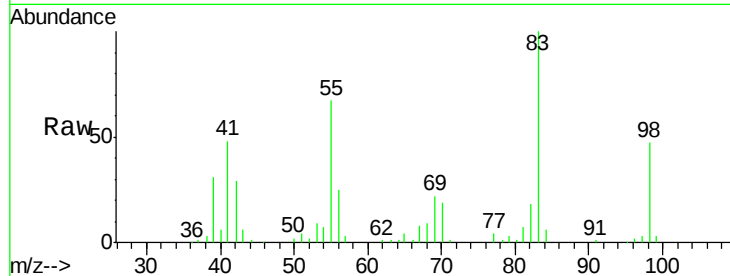




#39
Methylcyclohexane
Concen: 19.61 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

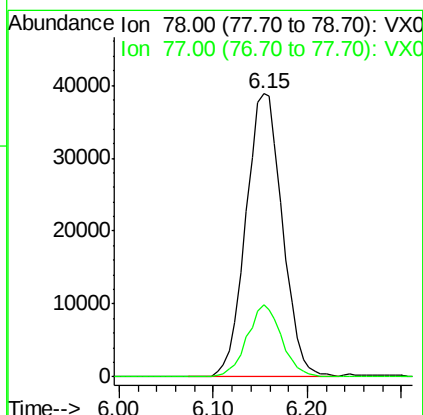
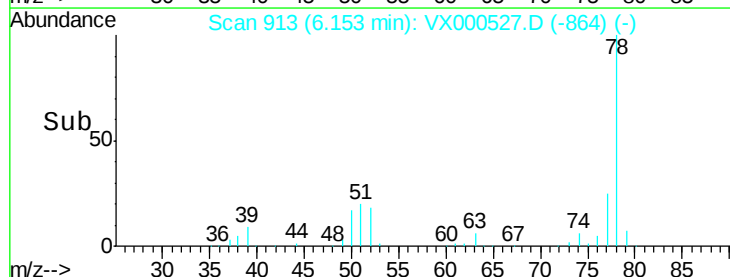
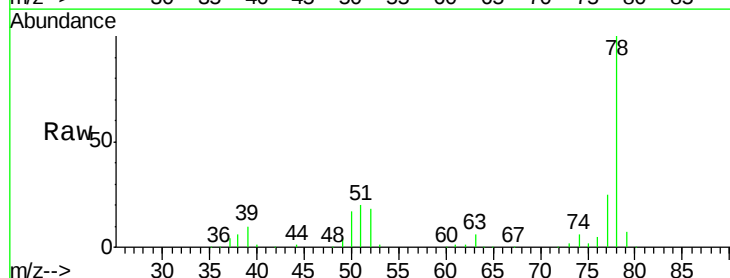
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

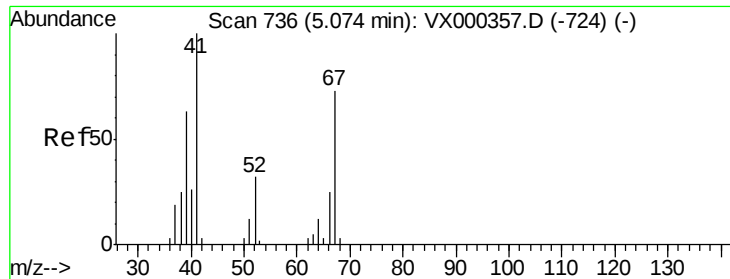
Tgt Ion: 83 Resp: 42012
Ion Ratio Lower Upper
83 100
55 67.2 55.5 83.3
98 46.6 38.2 57.4



#40
Benzene
Concen: 20.67 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 78 Resp: 105756
Ion Ratio Lower Upper
78 100
77 25.3 18.7 28.1

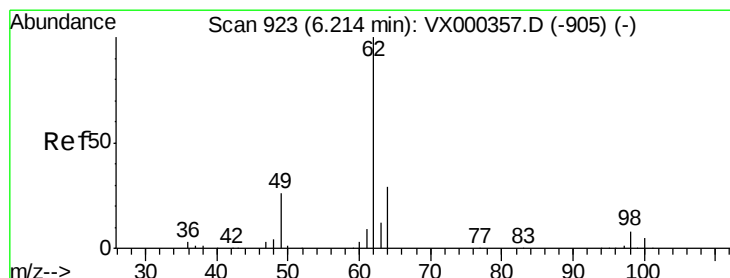
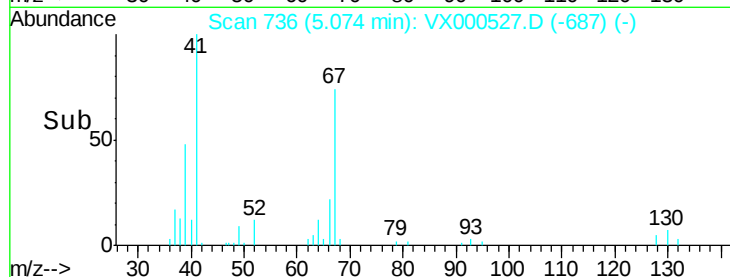
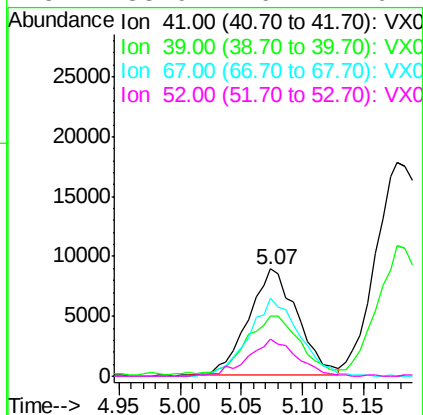
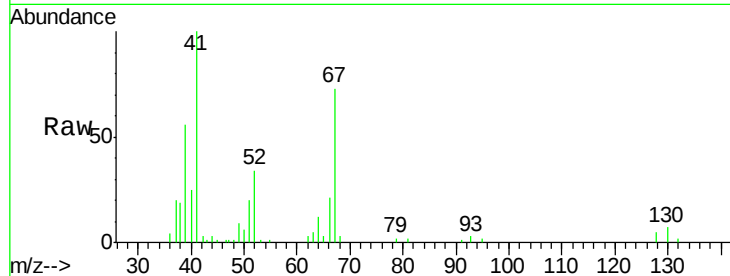




#41
Methacrylonitrile
Concen: 19.72 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

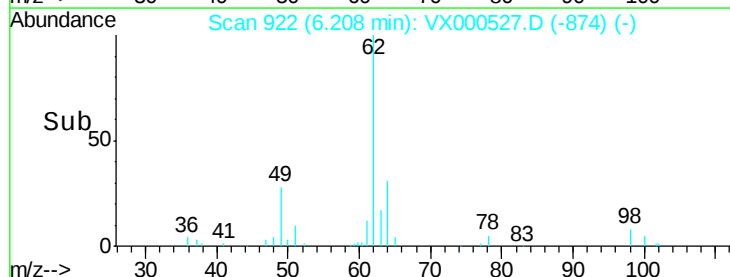
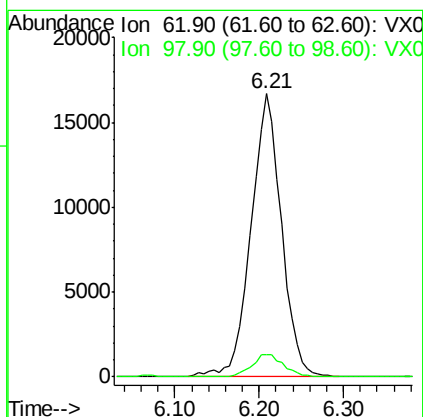
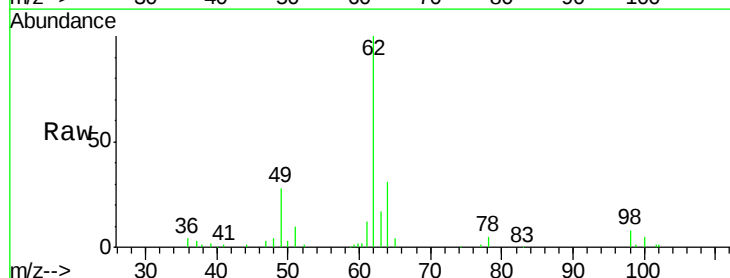
Instrument :
MSVOA_X
ClientSampled :
VX0329WBSD01

Tgt Ion:	41	Resp:	25019
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.7	68.5
67	74.3	57.8	86.8
52	33.9	26.7	40.1



#42
1,2-Dichloroethane
Concen: 20.43 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion:	62	Resp:	41013
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.26 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

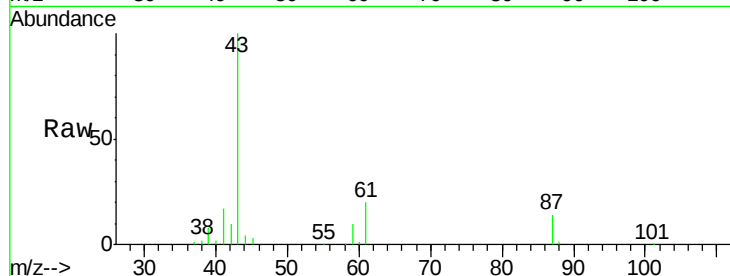
Tgt Ion: 43 Resp: 72573

Ion Ratio Lower Upper

43 100

61 18.8 14.4 21.6

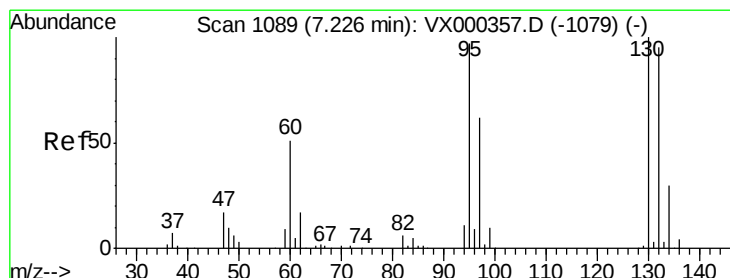
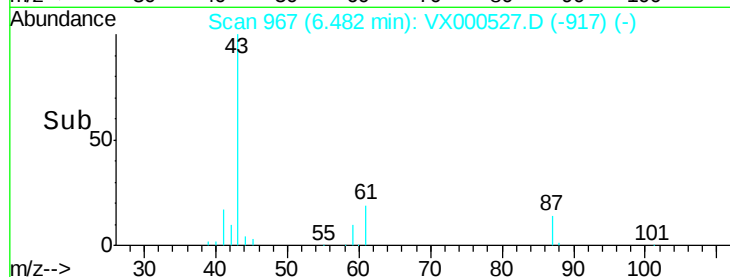
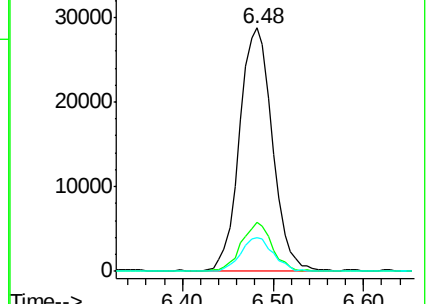
87 13.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.68 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000527.D

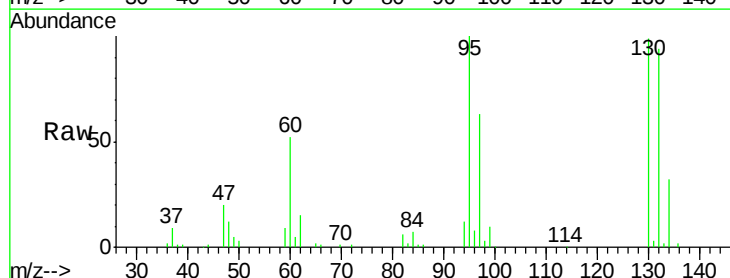
Acq: 29 Mar 2018 21:31

Tgt Ion: 130 Resp: 30317

Ion Ratio Lower Upper

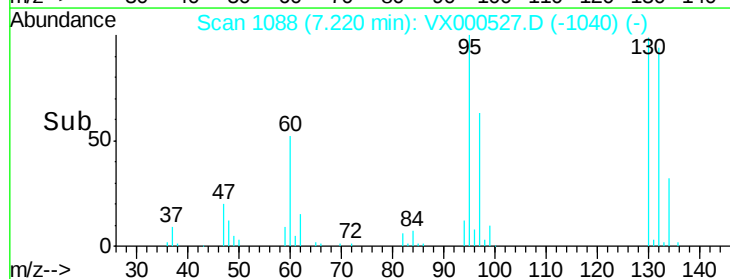
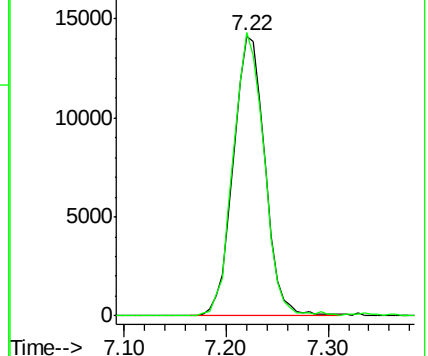
130 100

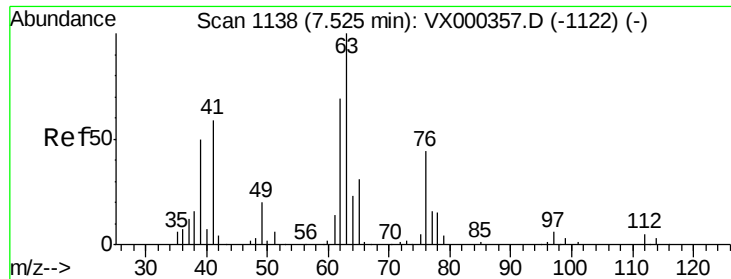
95 101.1 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.71 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

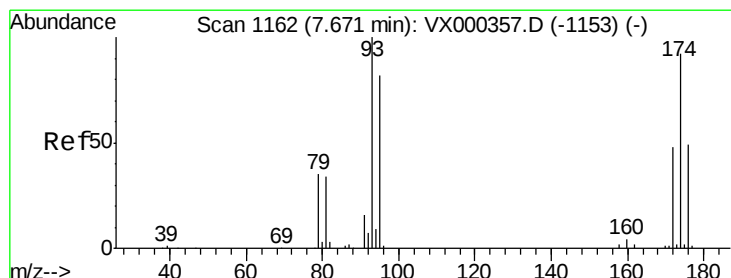
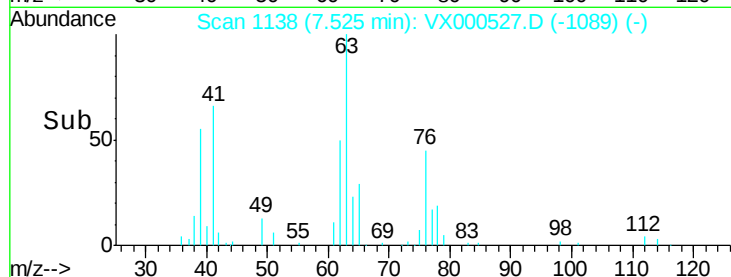
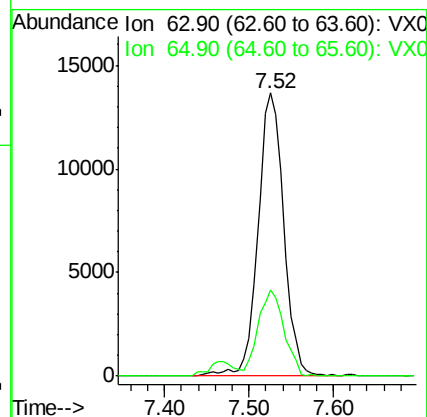
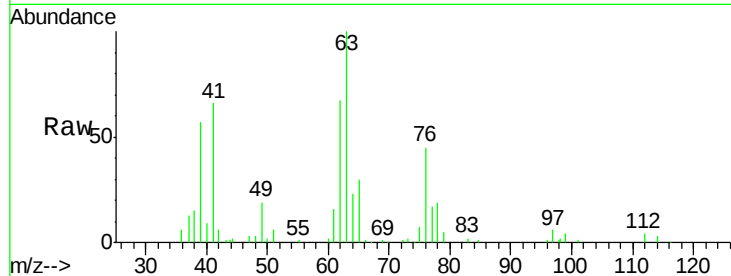
VX0329WBSD01

Tgt Ion: 63 Resp: 28433

Ion Ratio Lower Upper

63 100

65 30.5 24.6 36.8



#46

Dibromomethane

Concen: 20.24 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

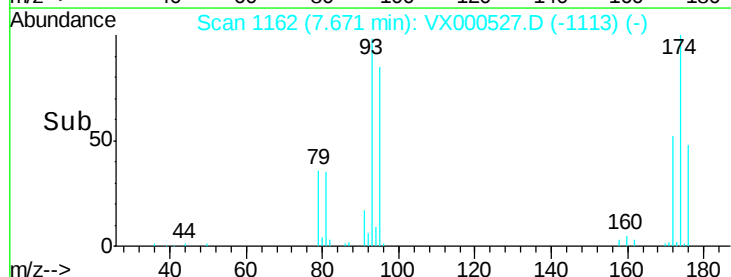
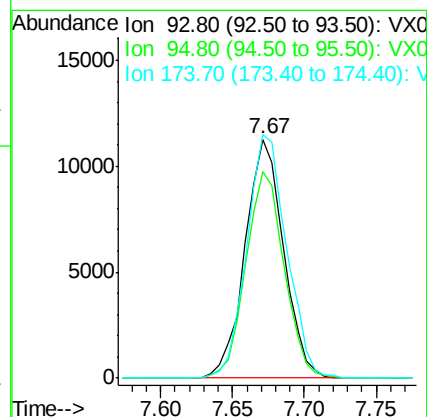
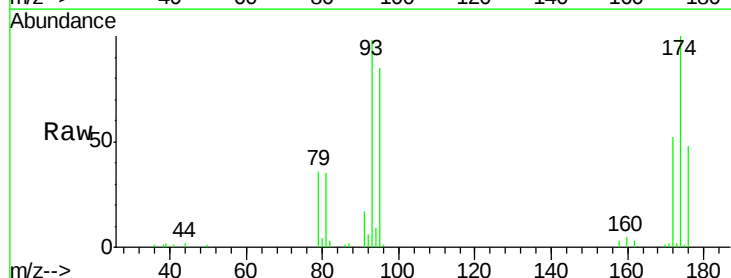
Tgt Ion: 93 Resp: 20803

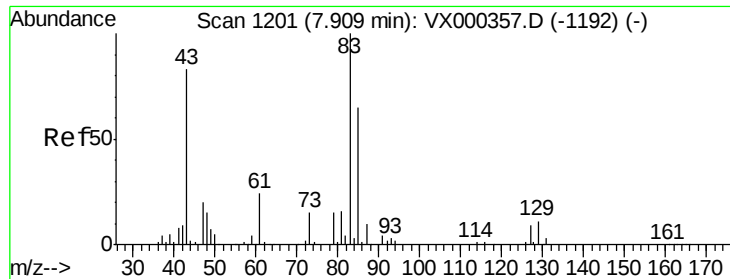
Ion Ratio Lower Upper

93 100

95 86.0 66.5 99.7

174 105.6 76.0 114.0





#47

Bromodichloromethane

Concen: 21.17 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

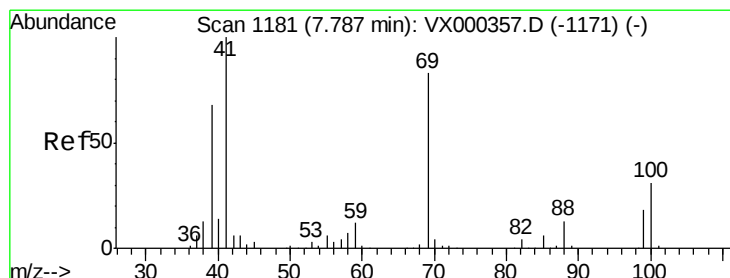
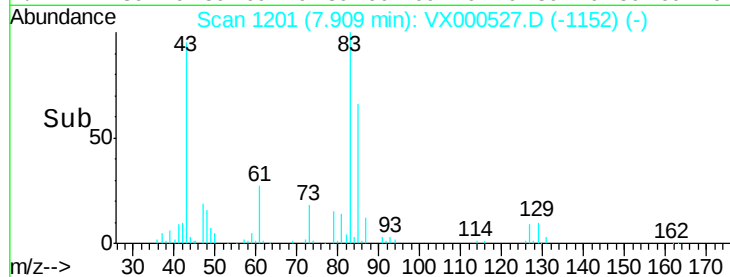
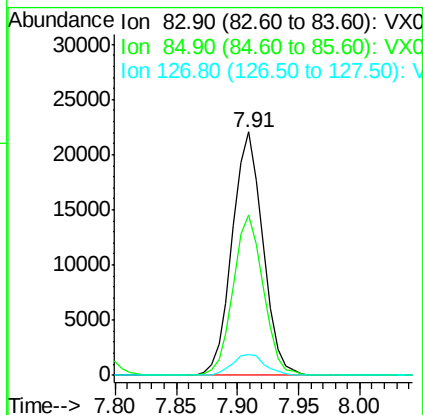
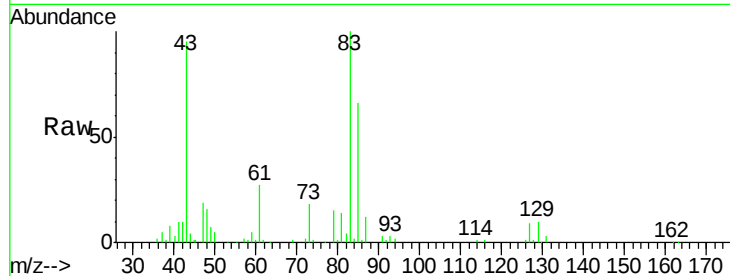
Tgt Ion: 83 Resp: 38288

Ion Ratio Lower Upper

83 100

85 65.9 51.4 77.0

127 8.7 7.0 10.6



#48

Methyl methacrylate

Concen: 21.35 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

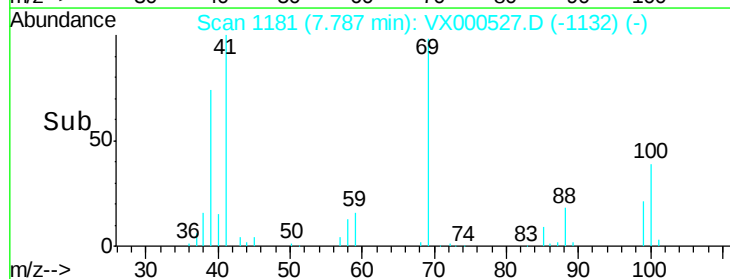
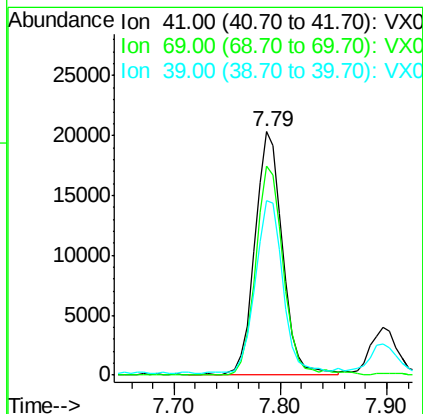
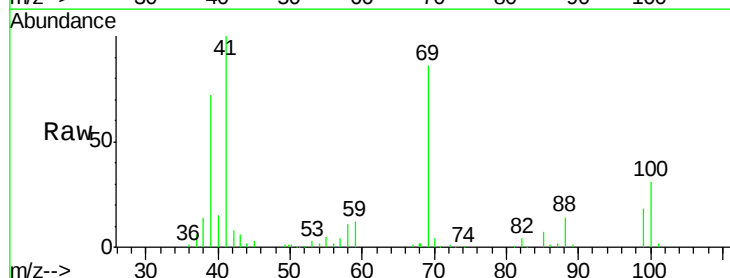
Tgt Ion: 41 Resp: 37142

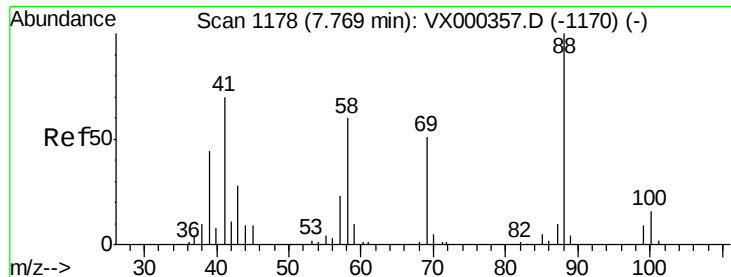
Ion Ratio Lower Upper

41 100

69 85.6 68.2 102.4

39 70.6 54.6 81.8

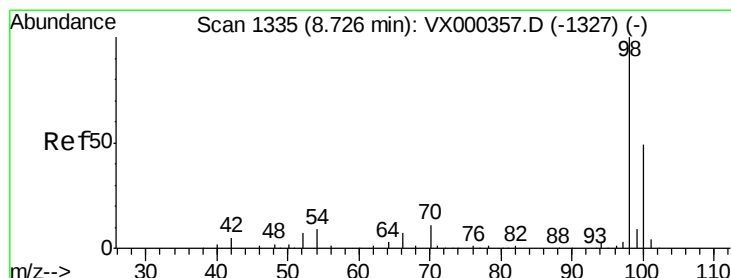
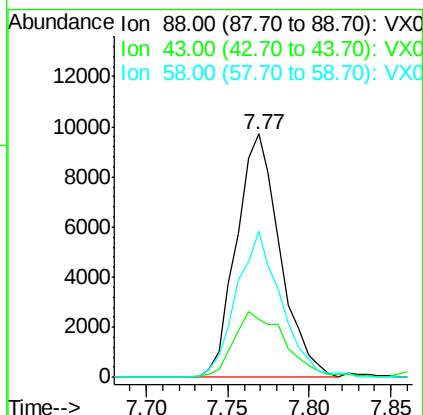
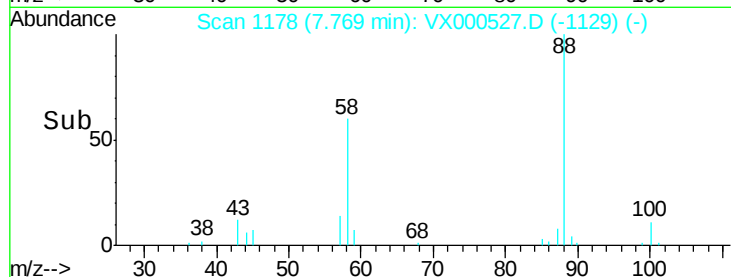
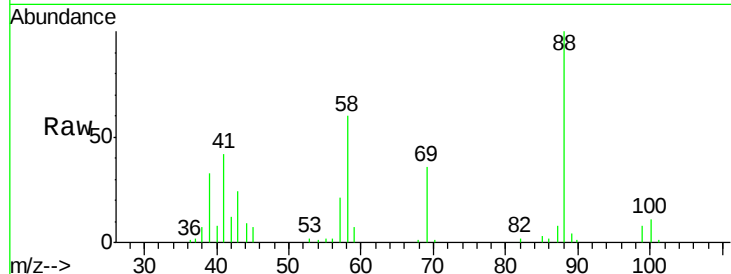




#49
1,4-Dioxane
Concen: 494.92 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

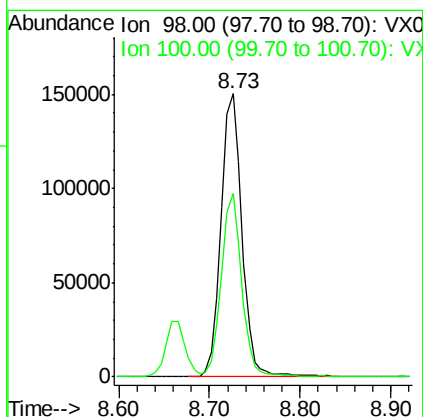
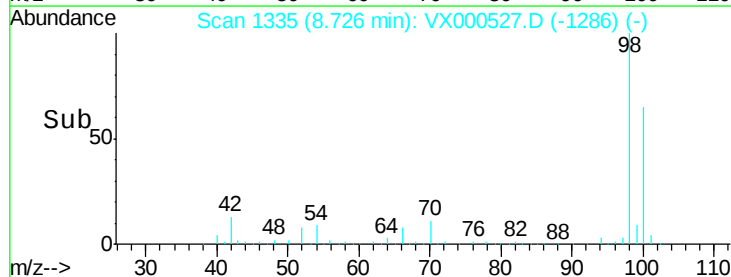
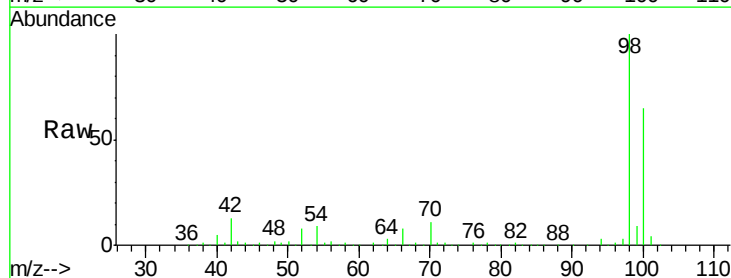
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 88 Resp: 18094
Ion Ratio Lower Upper
88 100
43 31.9 26.8 40.2
58 61.4 52.2 78.2



#50
Toluene-d8
Concen: 49.71 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 98 Resp: 243998
Ion Ratio Lower Upper
98 100
100 62.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 111.07 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

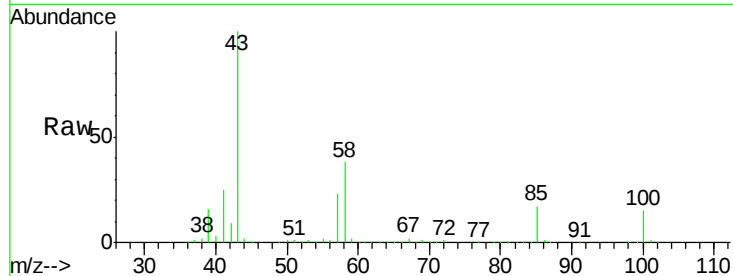
VX0329WBSD01

Tgt Ion: 43 Resp: 307990

Ion Ratio Lower Upper

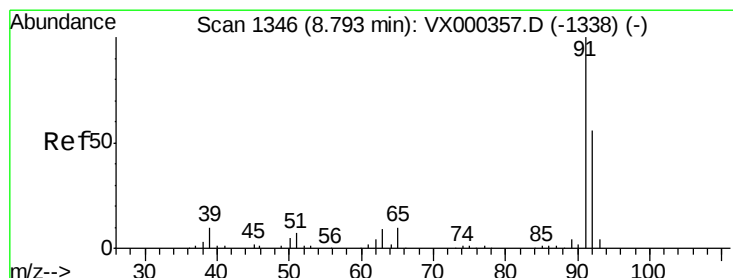
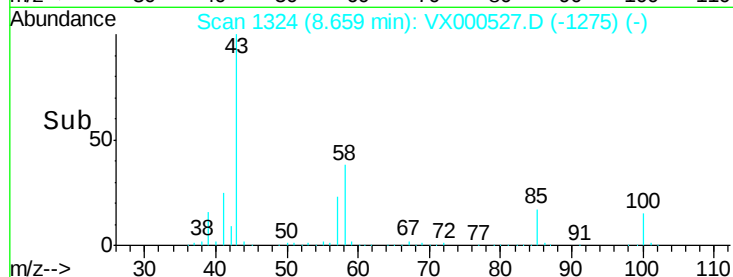
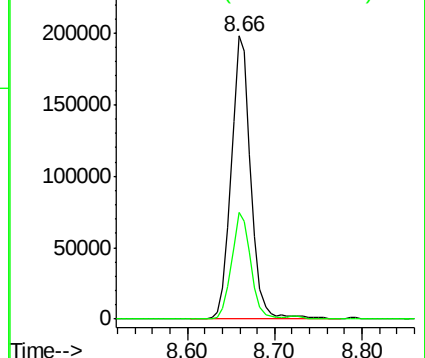
43 100

58 36.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.06 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000527.D

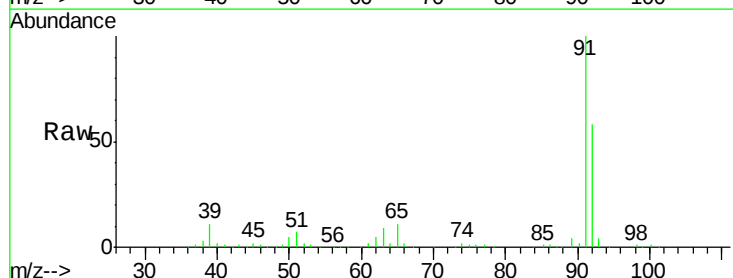
Acq: 29 Mar 2018 21:31

Tgt Ion: 92 Resp: 71763

Ion Ratio Lower Upper

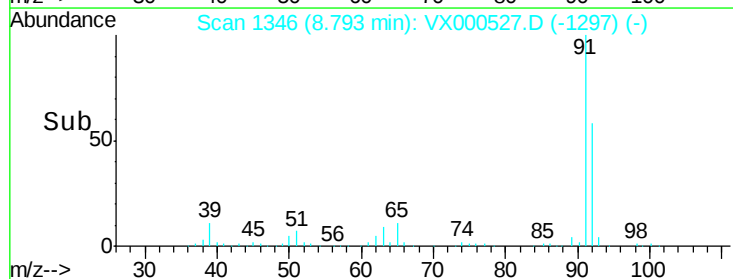
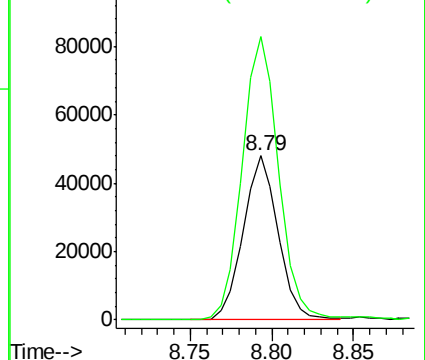
92 100

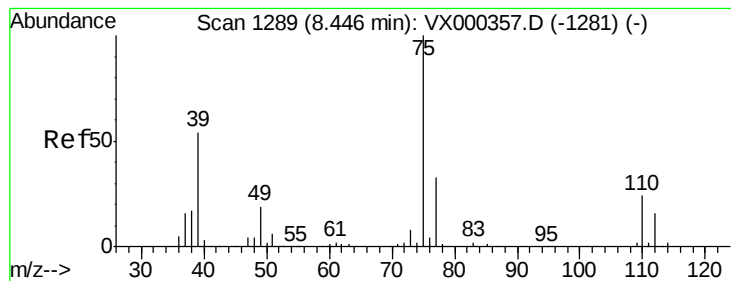
91 181.8 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.60 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

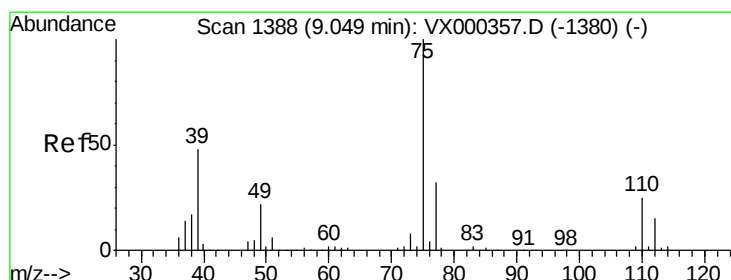
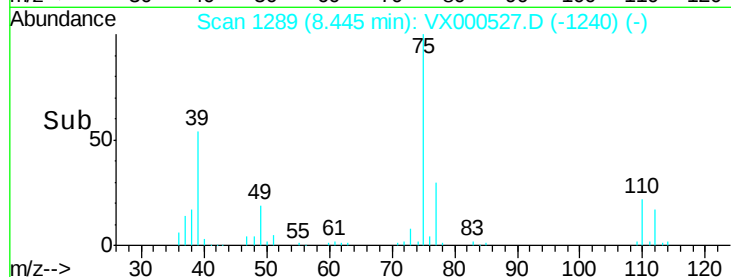
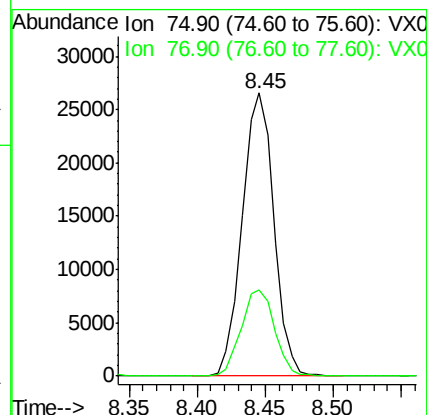
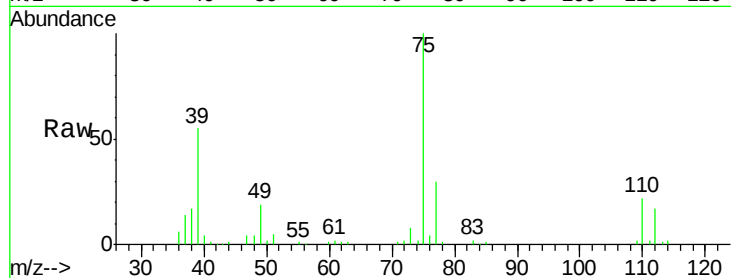
VX0329WBSD01

Tgt Ion: 75 Resp: 43185

Ion Ratio Lower Upper

75 100

77 30.3 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 19.73 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

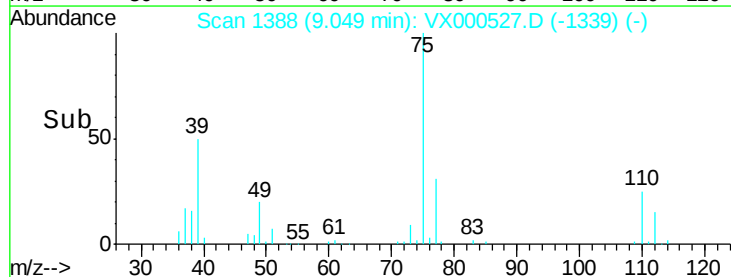
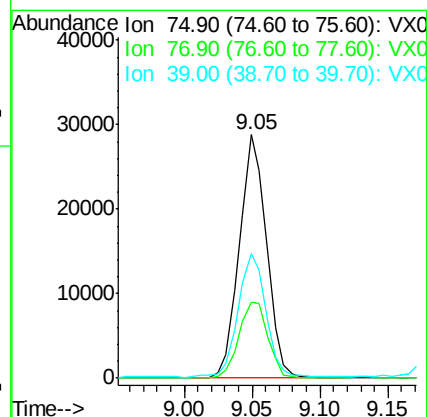
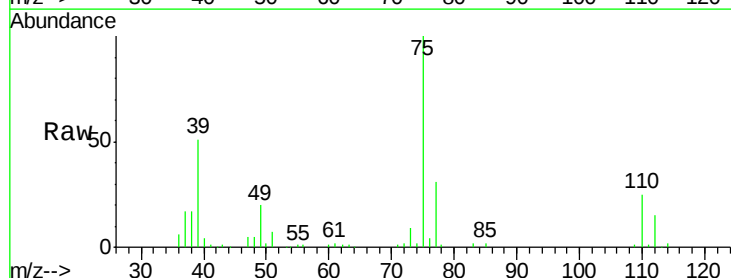
Tgt Ion: 75 Resp: 40115

Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

39 50.5 39.8 59.6

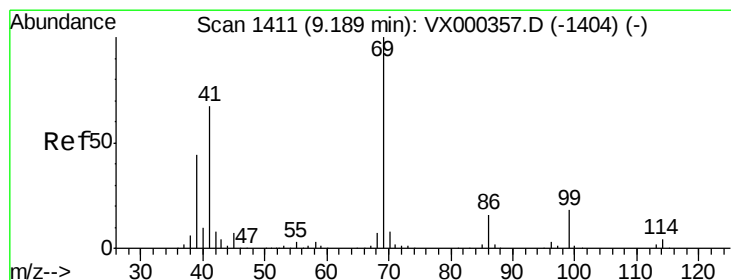
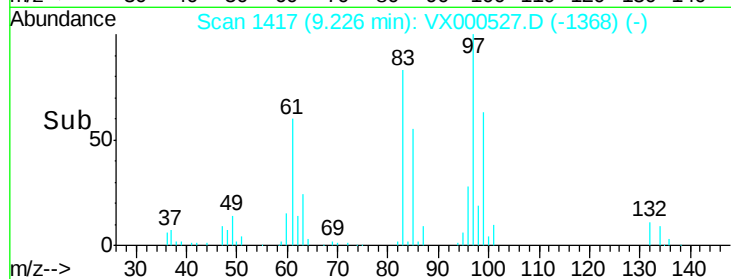
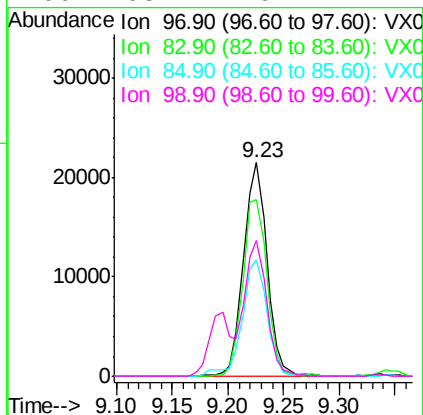
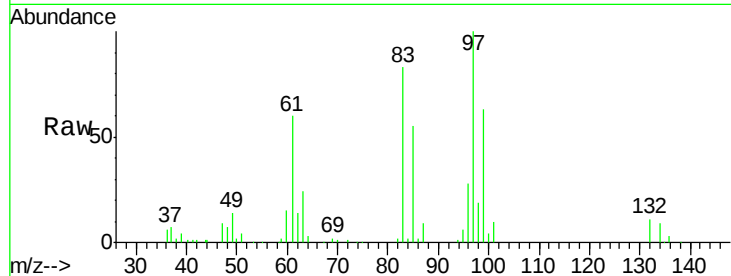




#55
 1,1,2-Trichloroethane
 Concen: 21.60 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

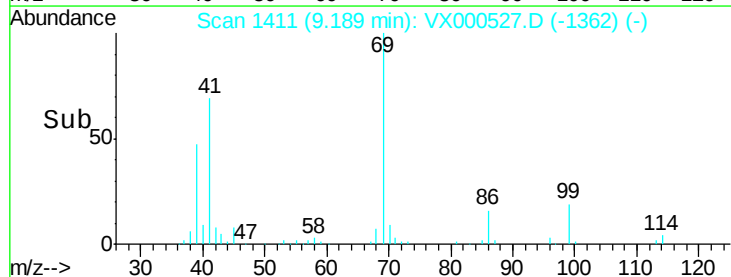
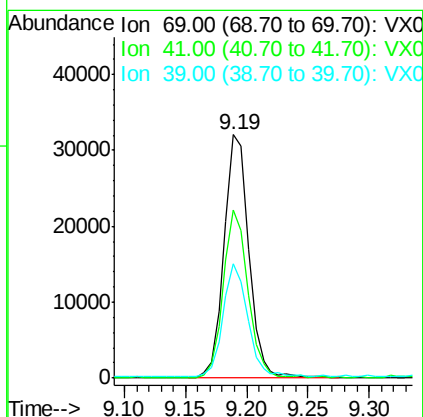
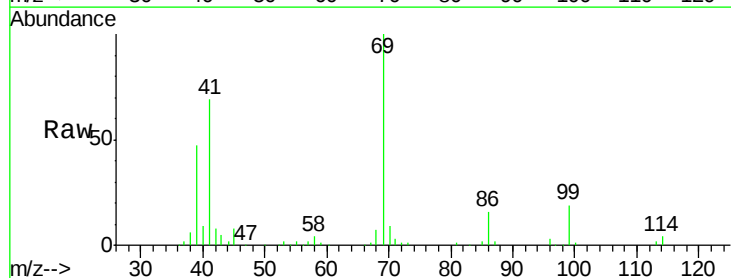
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

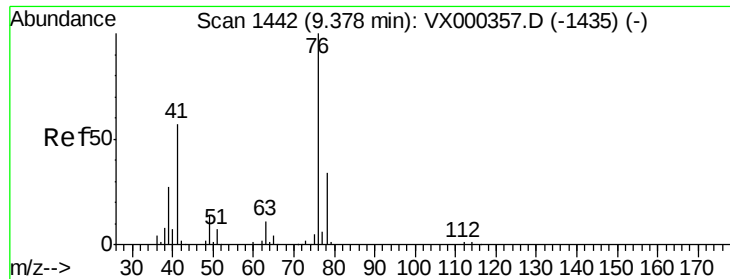
Tgt Ion:	97	Resp:	31771
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.9	101.9
85	54.6	42.8	64.2
99	63.4	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.28 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

Tgt Ion:	69	Resp:	45214
Ion	Ratio	Lower	Upper
69	100		
41	69.1	53.0	79.6
39	46.8	35.3	52.9





#57

1,3-Dichloropropane

Concen: 21.61 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

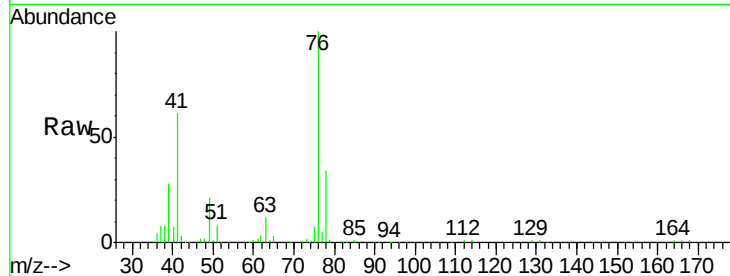
VX0329WBSD01

Tgt Ion: 76 Resp: 50844

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

40000

30000

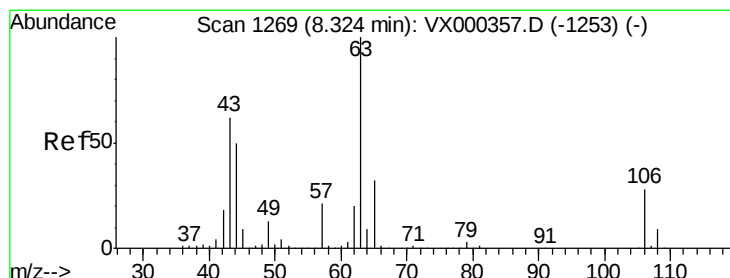
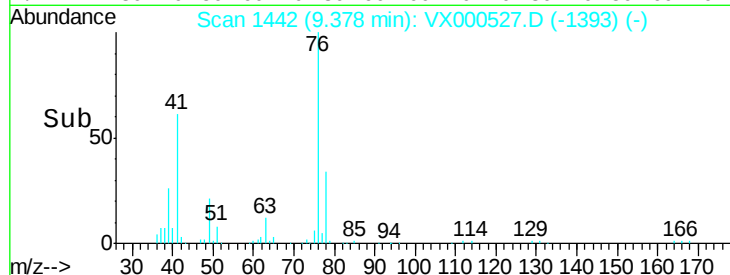
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 85.23 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000527.D

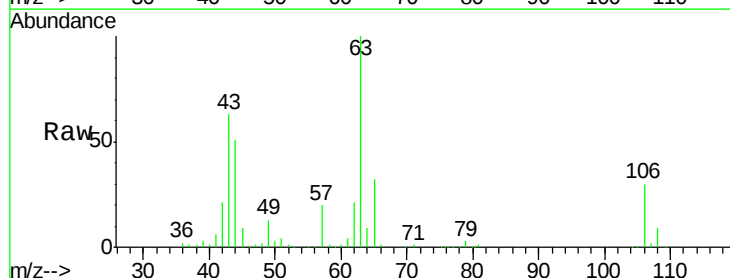
Acq: 29 Mar 2018 21:31

Tgt Ion: 63 Resp: 91178

Ion Ratio Lower Upper

63 100

106 28.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

60000

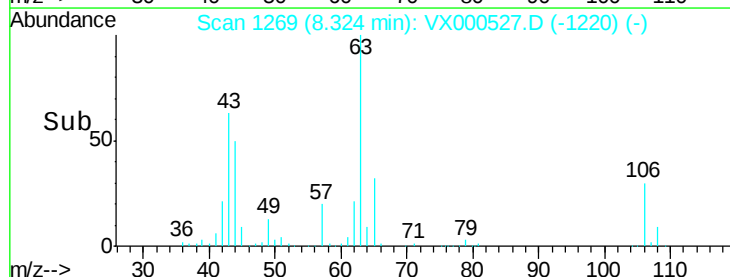
40000

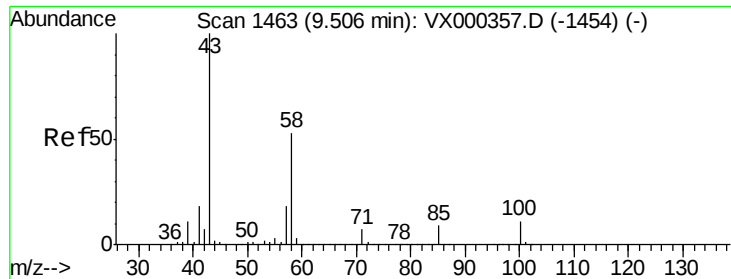
20000

0

8.25 8.30 8.35 8.40

Time-->

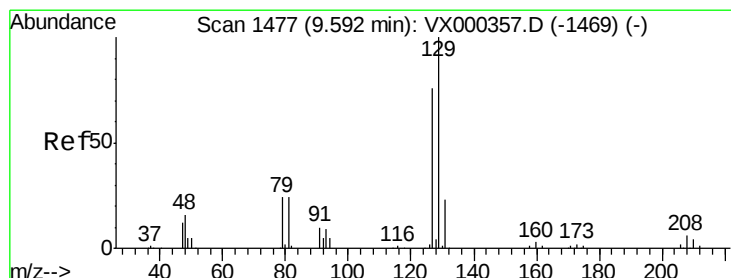
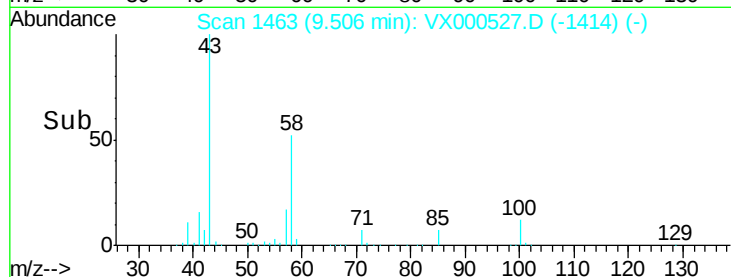
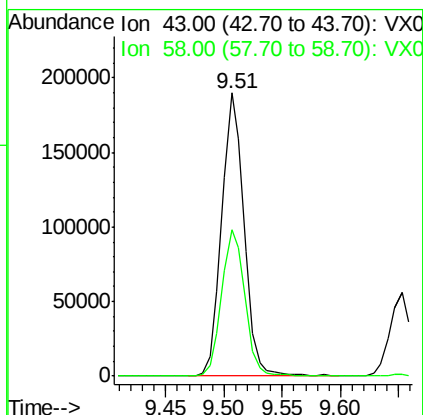
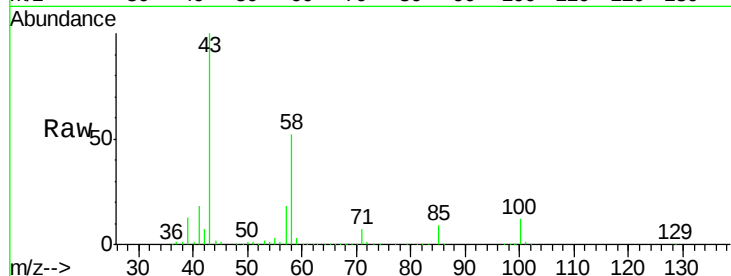




#59
2-Hexanone
Concen: 107.34 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

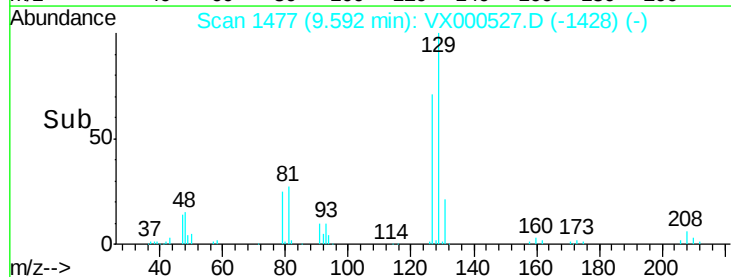
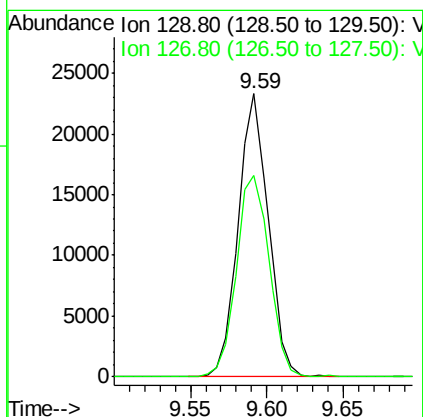
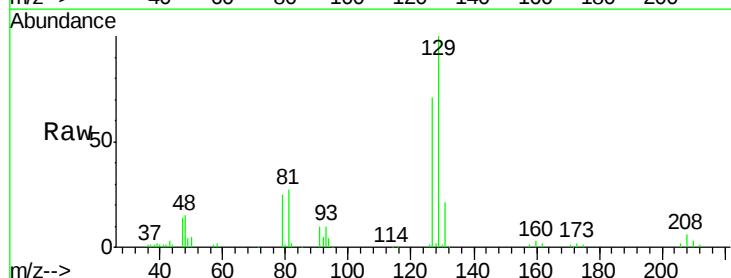
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

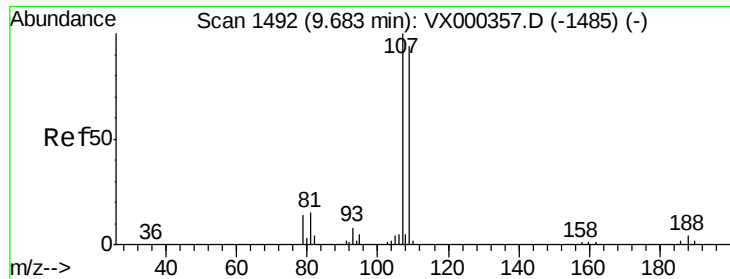
Tgt Ion: 43 Resp: 252752
Ion Ratio Lower Upper
43 100
58 53.7 26.6 79.7



#60
Dibromochloromethane
Concen: 20.86 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 129 Resp: 31763
Ion Ratio Lower Upper
129 100
127 77.8 37.9 113.6





#61

1,2-Dibromoethane

Concen: 21.07 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

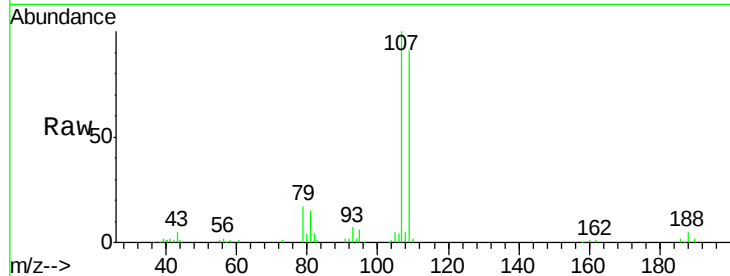
VX0329WBSD01

Tgt Ion: 107 Resp: 33242

Ion Ratio Lower Upper

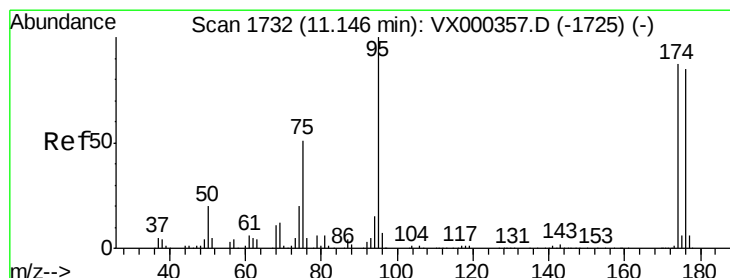
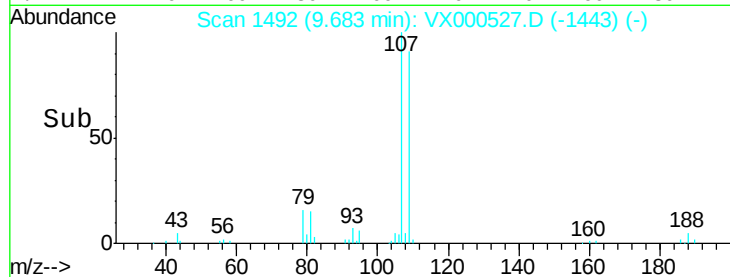
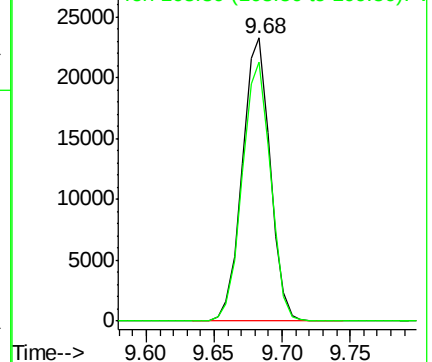
107 100

109 92.6 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.51 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

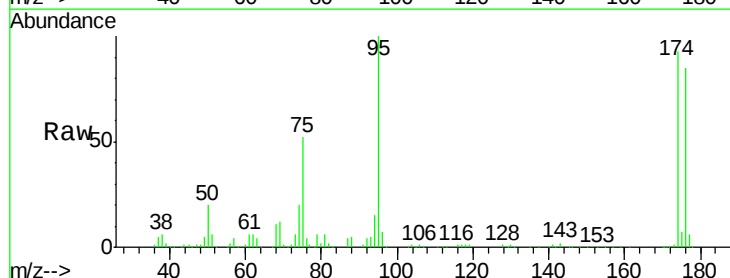
Tgt Ion: 95 Resp: 93081

Ion Ratio Lower Upper

95 100

174 90.6 0.0 173.6

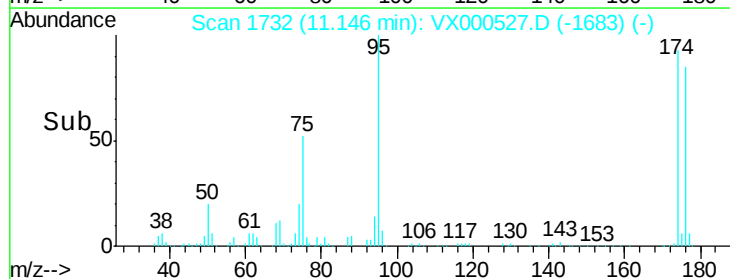
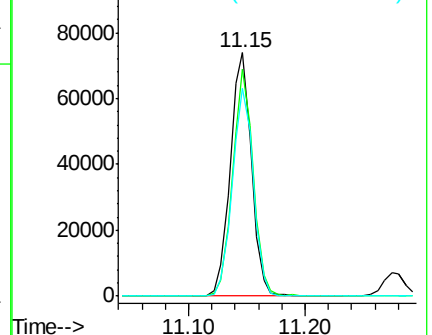
176 85.1 0.0 164.6

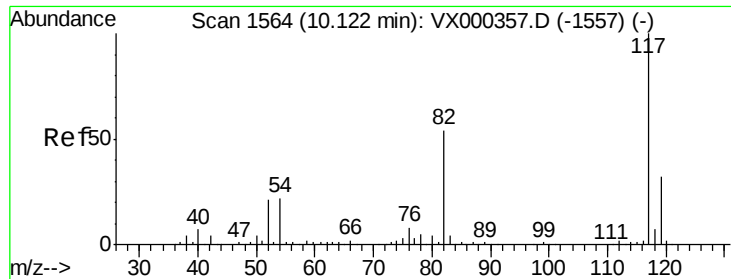


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

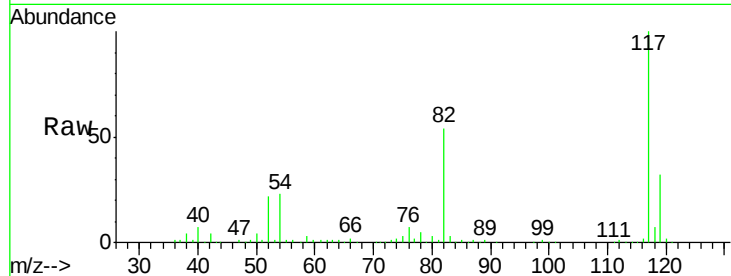




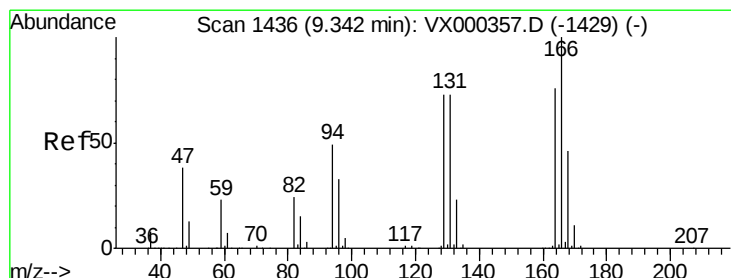
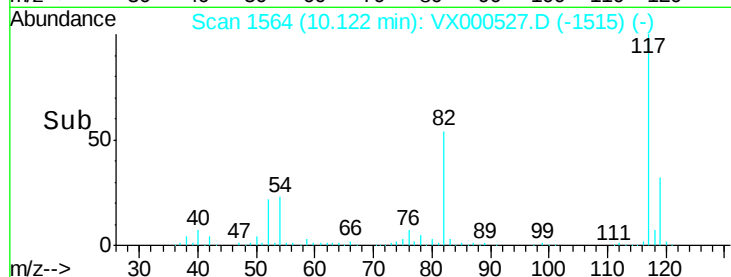
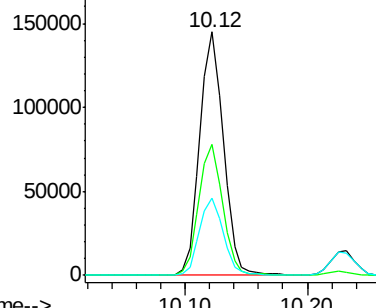
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion:117 Resp: 195419
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 31.6 24.9 37.3



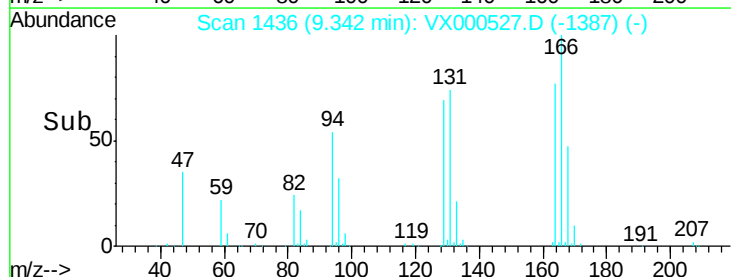
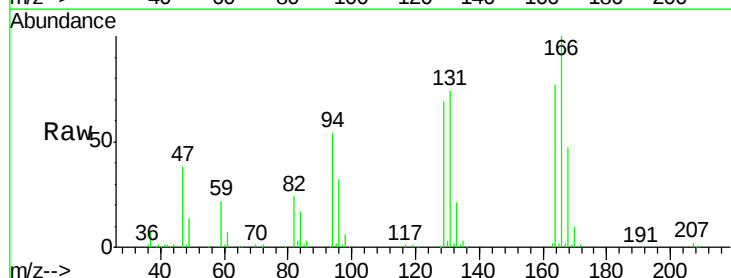
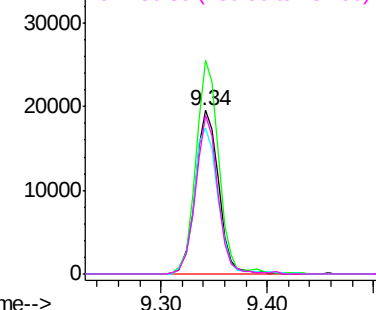
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

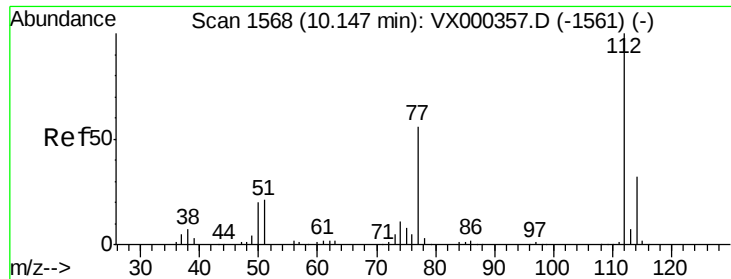


#64
Tetrachloroethene
Concen: 19.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion:164 Resp: 30007
Ion Ratio Lower Upper
164 100
166 130.6 101.0 151.6
129 89.6 79.0 118.4
131 96.9 71.9 107.9

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

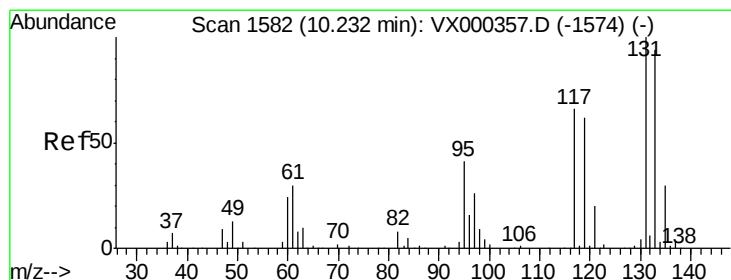
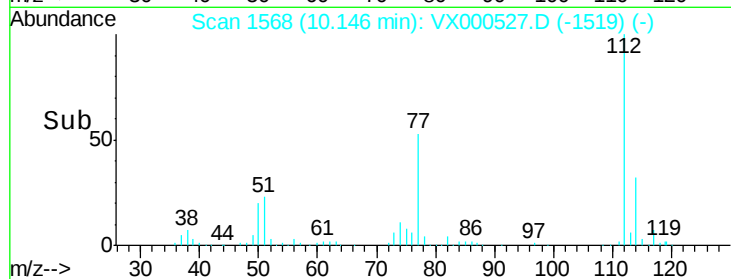
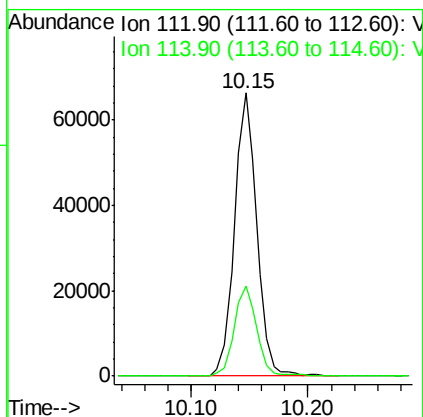
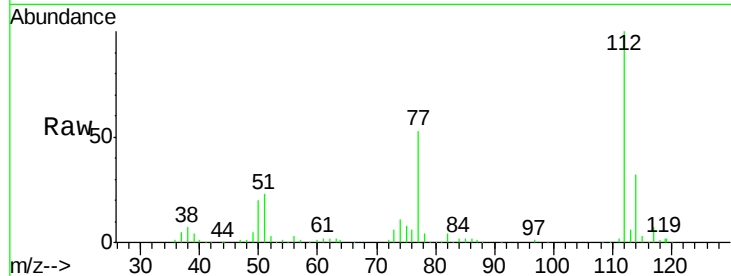




#65
Chlorobenzene
Concen: 20.42 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

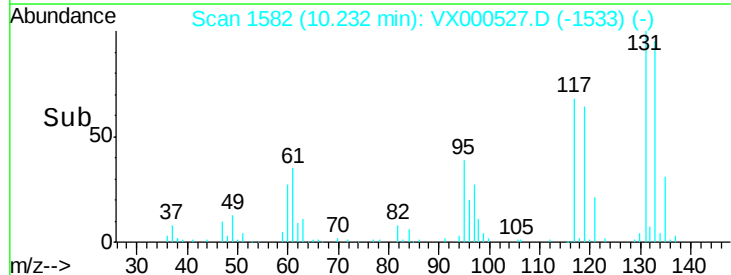
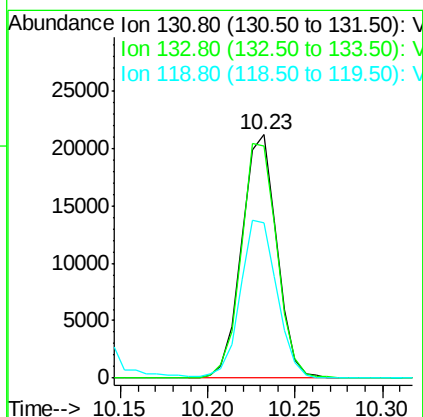
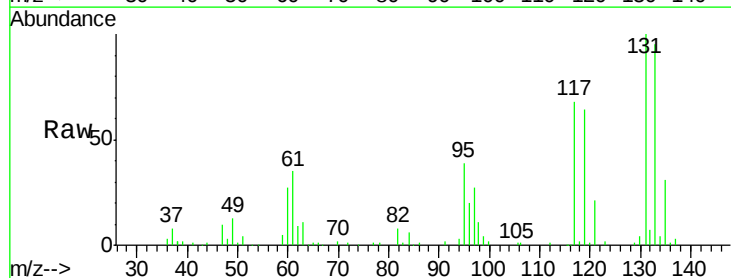
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

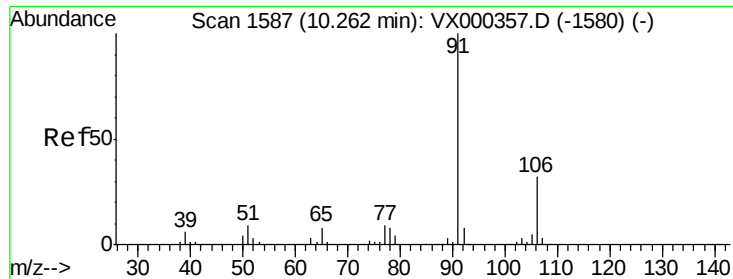
Tgt Ion:112 Resp: 88812
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.13 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion:131 Resp: 29728
Ion Ratio Lower Upper
131 100
133 97.9 47.1 141.3
119 67.4 33.1 99.2

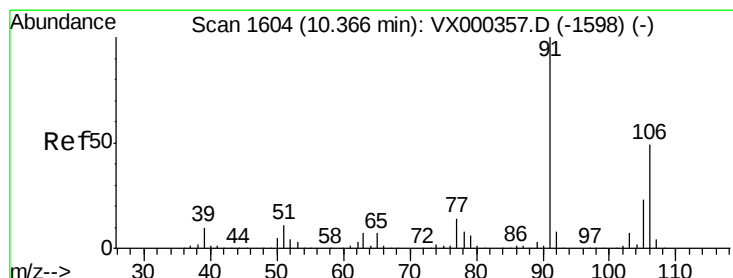
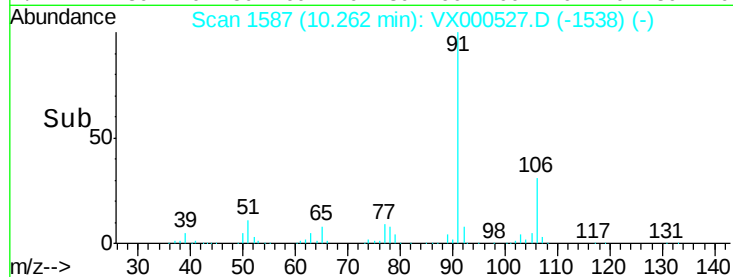
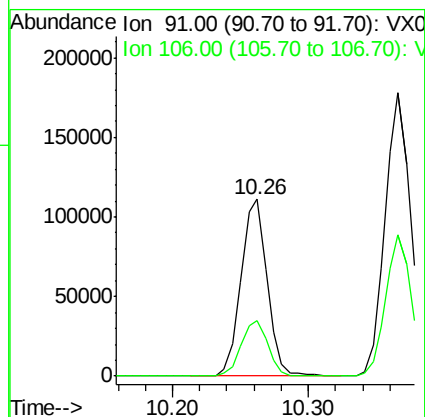
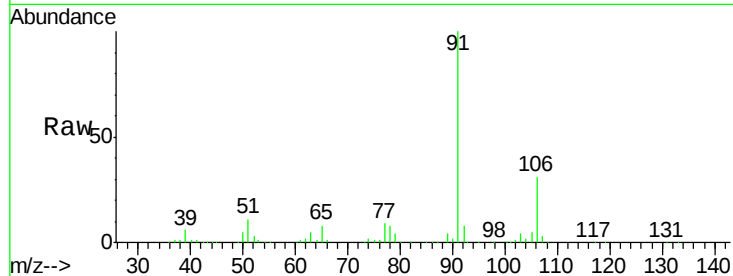




#67
Ethyl Benzene
Concen: 20.25 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

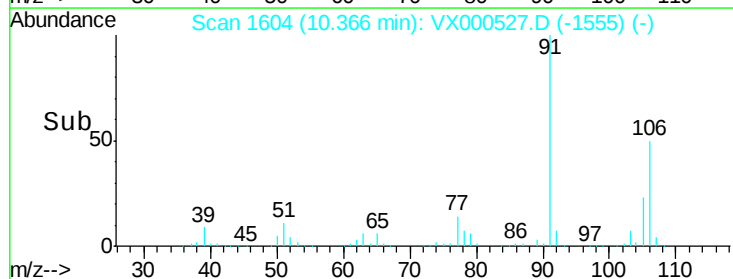
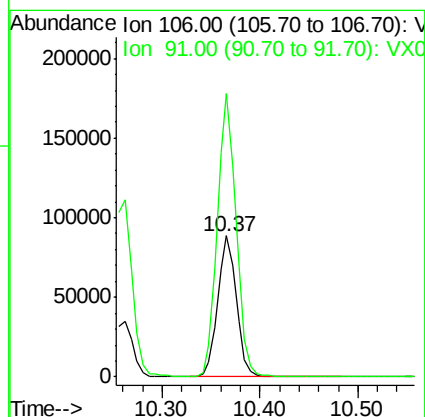
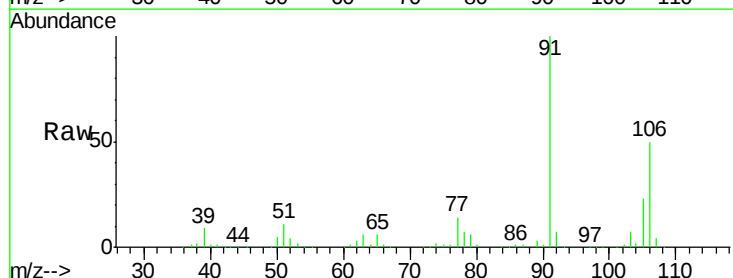
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

Tgt Ion: 91 Resp: 149316
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 40.49 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 106 Resp: 117451
Ion Ratio Lower Upper
106 100
91 201.4 163.4 245.2

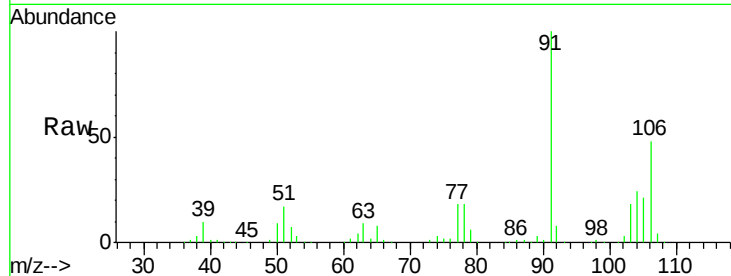




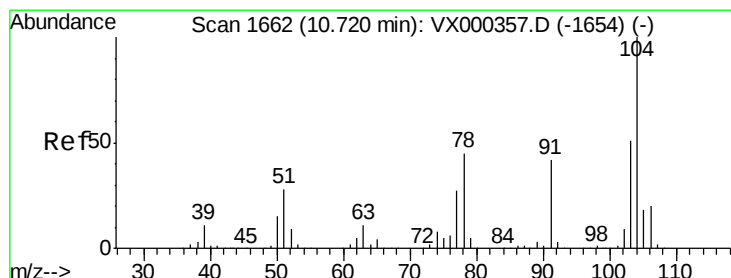
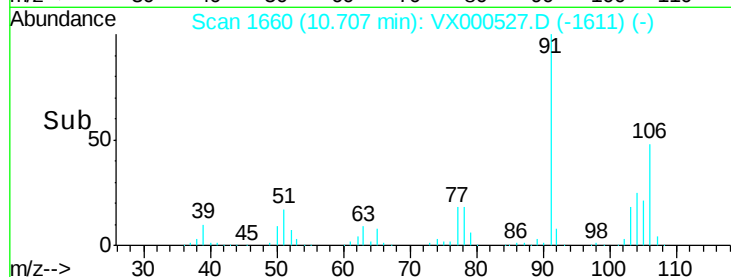
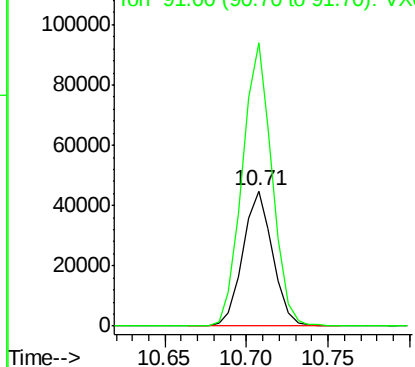
#69
o-Xylene
Concen: 20.33 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Instrument :
MSVOA_X
ClientSampled :
VX0329WBSD01

Tgt Ion:106 Resp: 57102
Ion Ratio Lower Upper
106 100
91 209.1 106.5 319.6

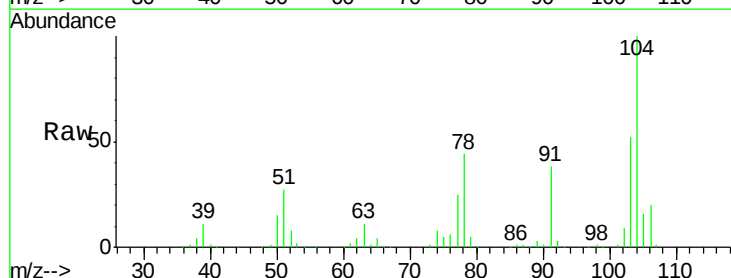


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

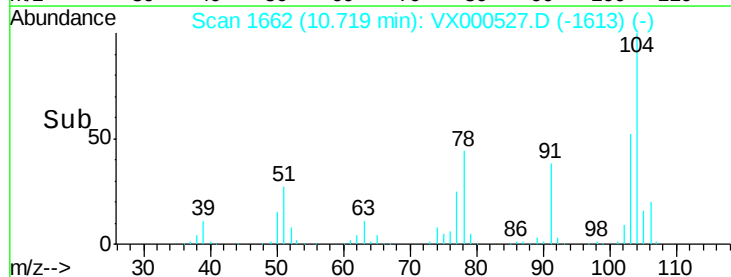
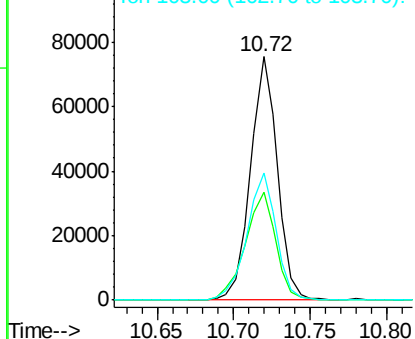


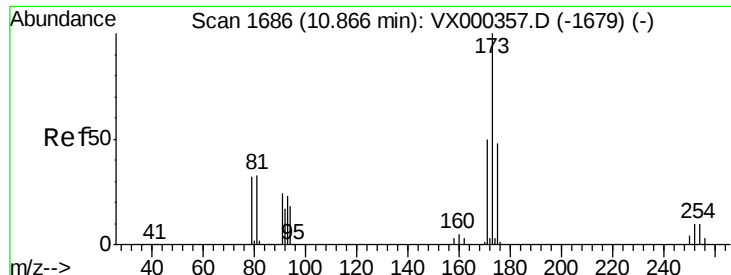
#70
Styrene
Concen: 19.91 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion:104 Resp: 92520
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 56.6 45.7 68.5



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





#71

Bromoform

Concen: 18.61 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

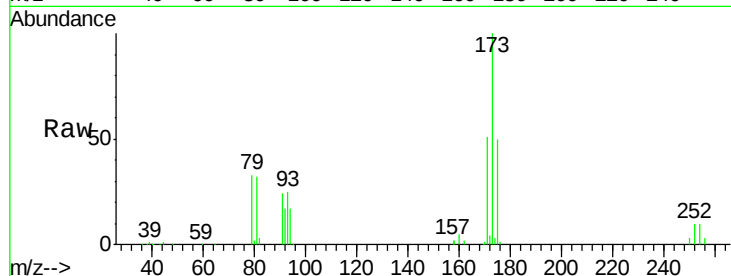
Tgt Ion:173 Resp: 23542

Ion Ratio Lower Upper

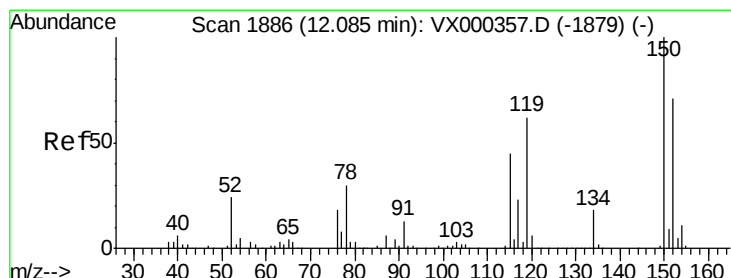
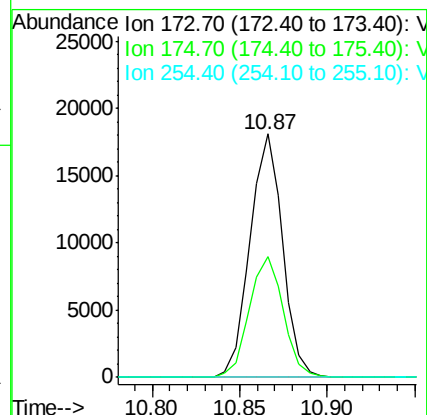
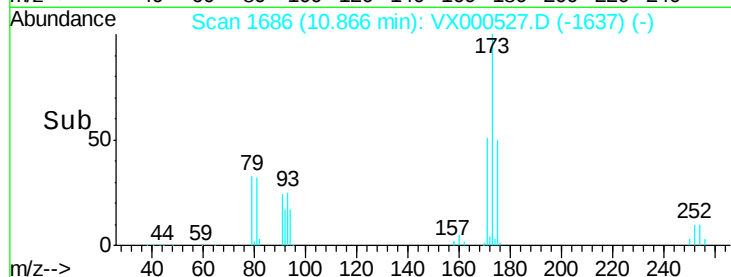
173 100

175 51.6 25.4 76.4

254 0.0 0.0 0.0



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: VX000527.D

Acq: 29 Mar 2018 21:31

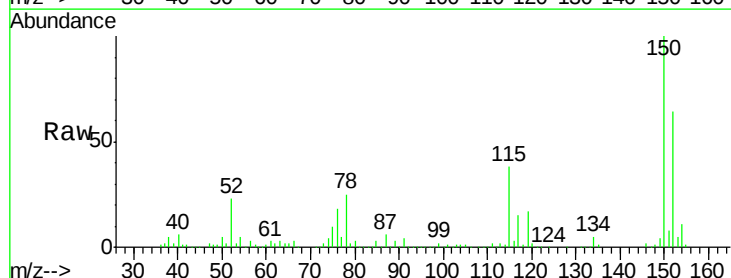
Tgt Ion:152 Resp: 111364

Ion Ratio Lower Upper

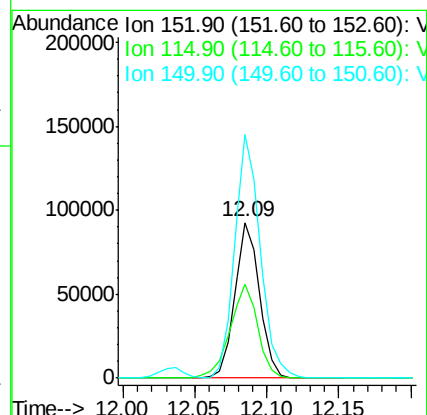
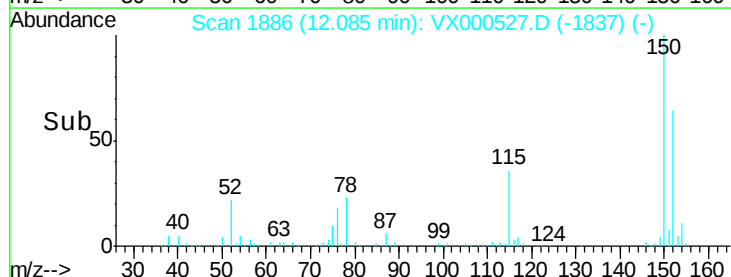
152 100

115 67.5 39.8 119.3

150 163.4 0.0 344.4



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: 20.95 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

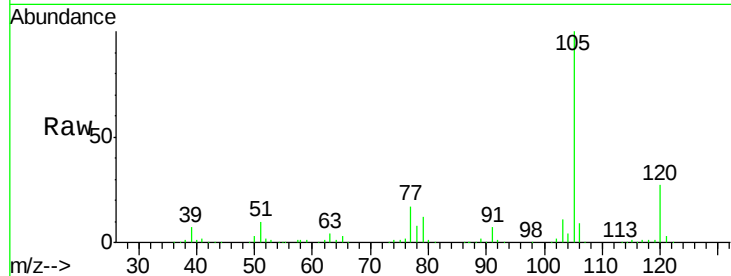
VX0329WBSD01

Tgt Ion:105 Resp: 154614

Ion Ratio Lower Upper

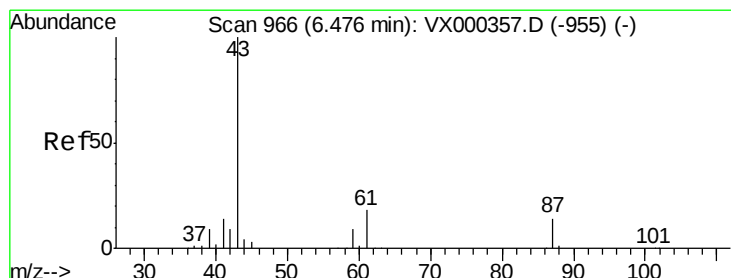
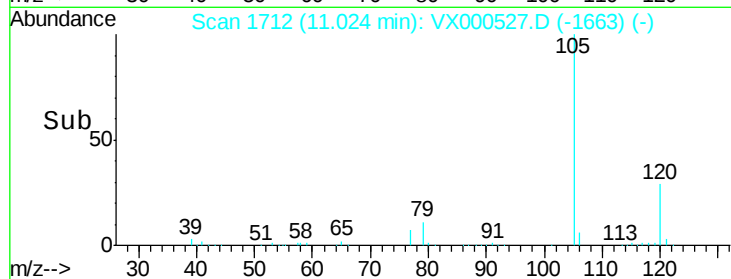
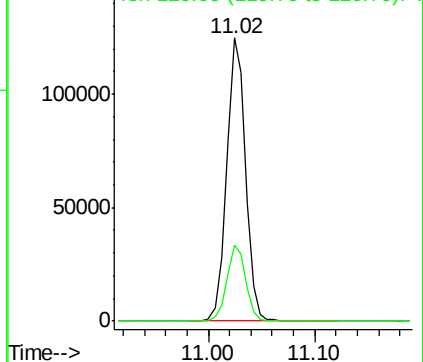
105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.63 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Tgt Ion: 43 Resp: 72573

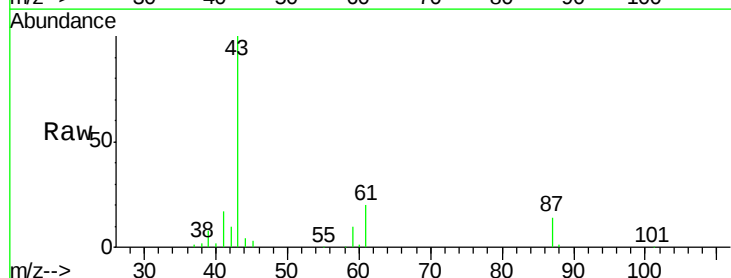
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.8 14.4 21.6

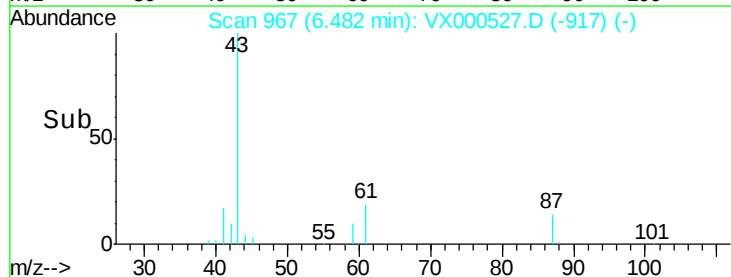
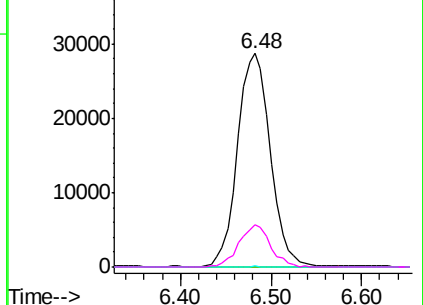


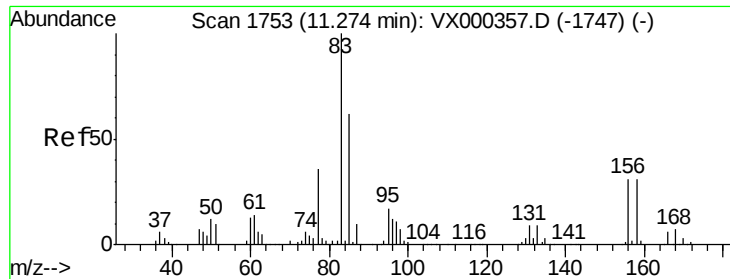
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.97 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

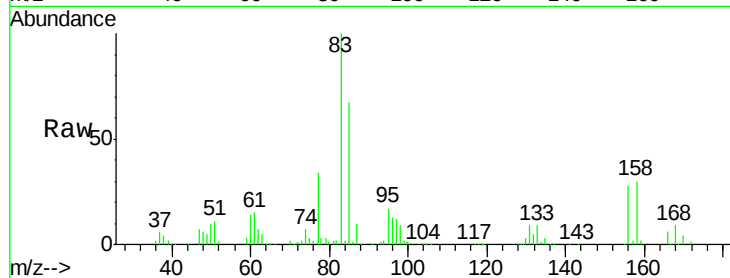
Tgt Ion: 83 Resp: 57329

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

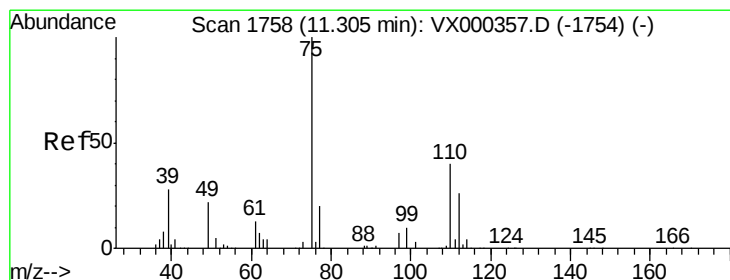
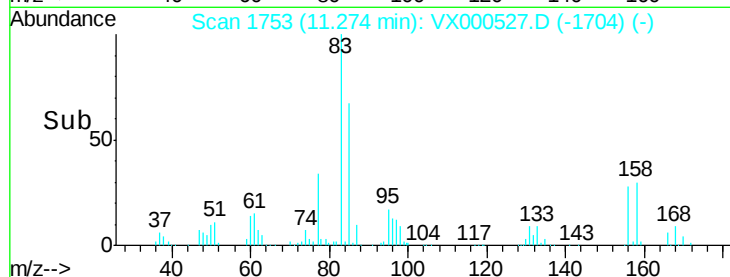
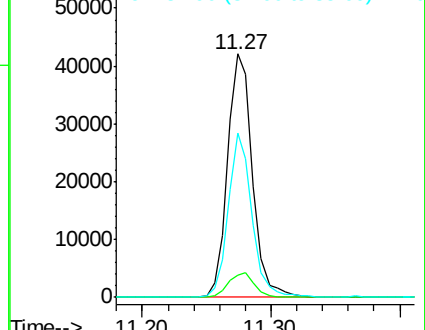
85 64.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.84 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000527.D

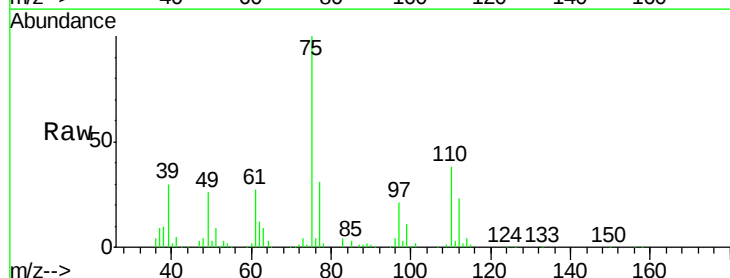
Acq: 29 Mar 2018 21:31

Tgt Ion: 75 Resp: 64244

Ion Ratio Lower Upper

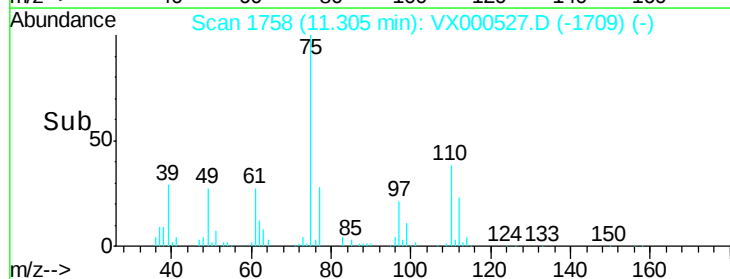
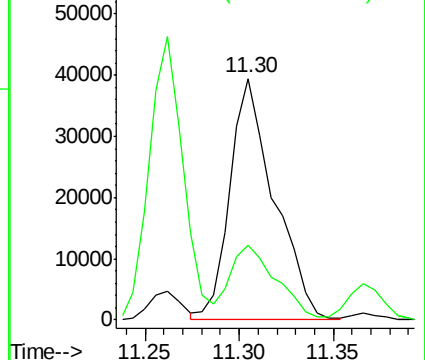
75 100

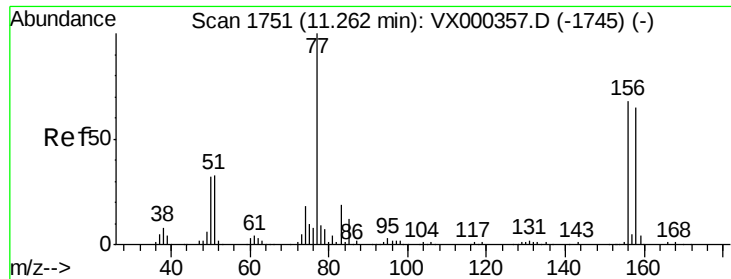
77 32.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.21 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

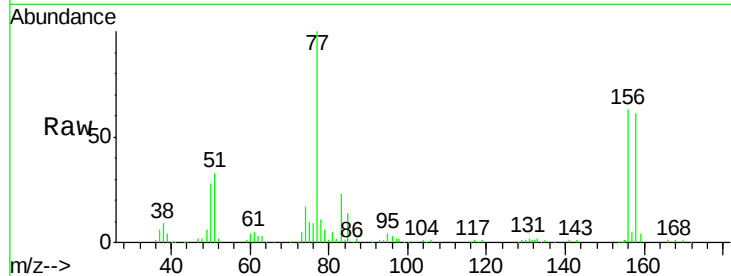
Tgt Ion:156 Resp: 37765

Ion Ratio Lower Upper

156 100

77 154.3 73.4 220.2

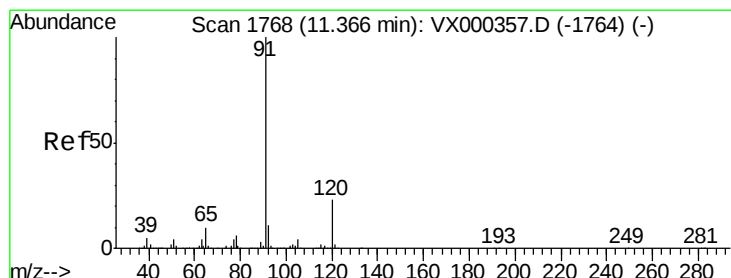
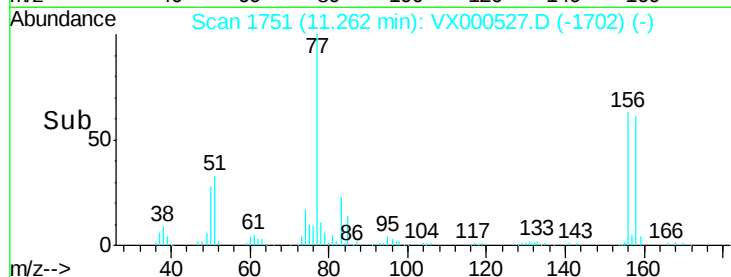
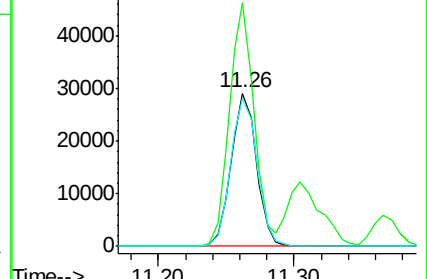
158 100.8 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000527.D

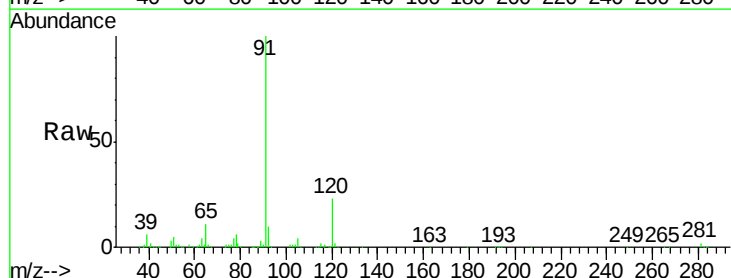
Acq: 29 Mar 2018 21:31

Tgt Ion: 91 Resp: 178362

Ion Ratio Lower Upper

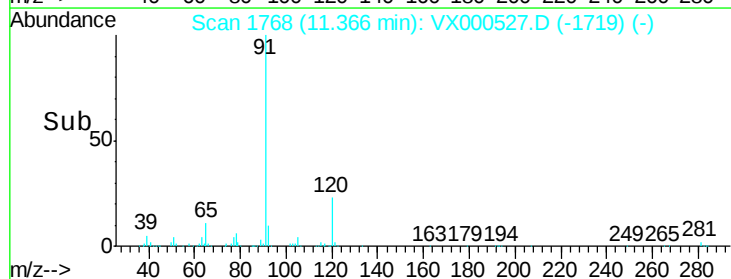
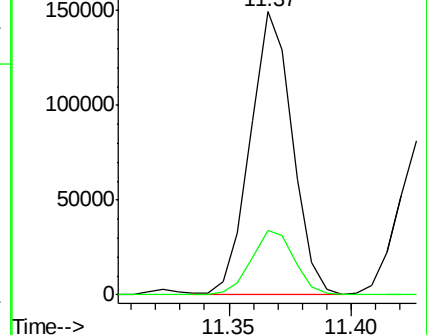
91 100

120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.58 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

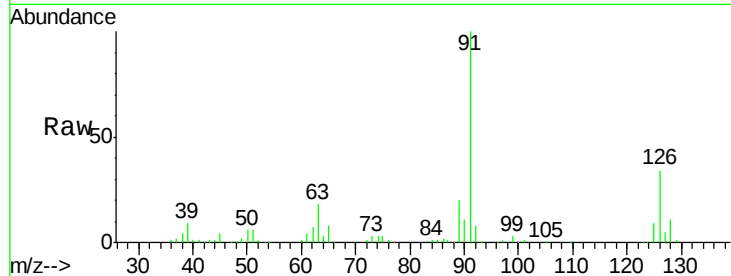
VX0329WBSD01

Tgt Ion: 91 Resp: 104601

Ion Ratio Lower Upper

91 100

126 35.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)

150000

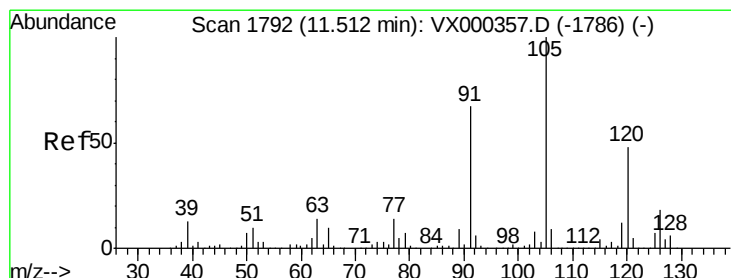
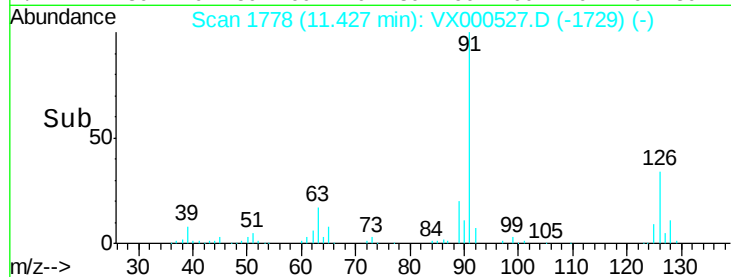
100000

50000

0

11.40 11.43 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.62 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000527.D

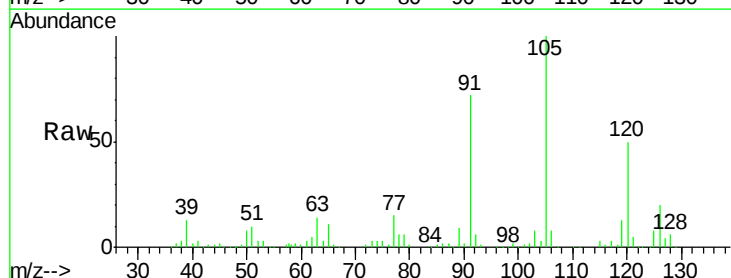
Acq: 29 Mar 2018 21:31

Tgt Ion: 105 Resp: 127903

Ion Ratio Lower Upper

105 100

120 50.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

120000

100000

80000

60000

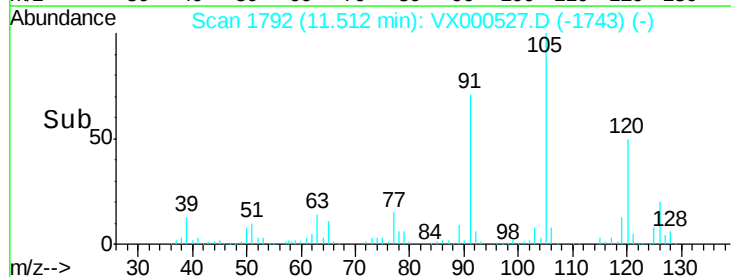
40000

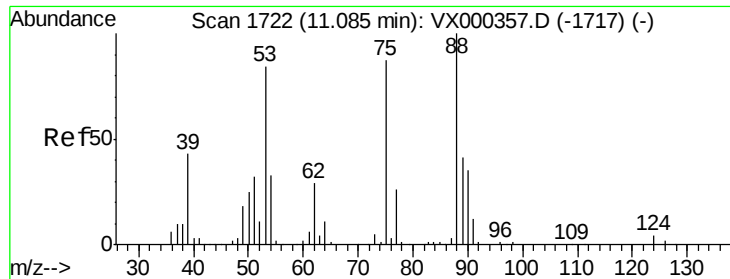
20000

0

11.45 11.51 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.93 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

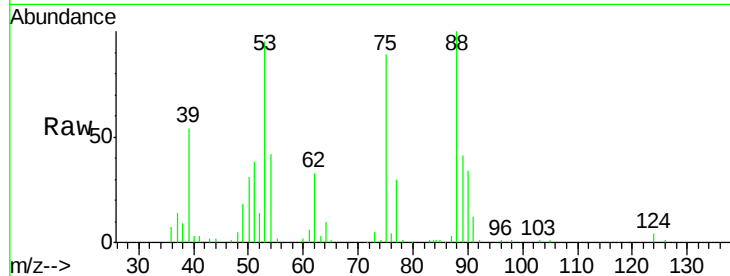
Tgt Ion: 75 Resp: 13255

Ion Ratio Lower Upper

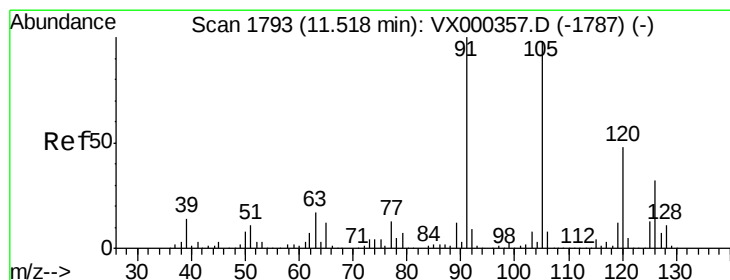
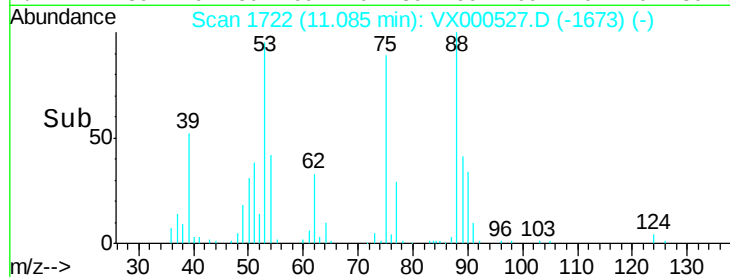
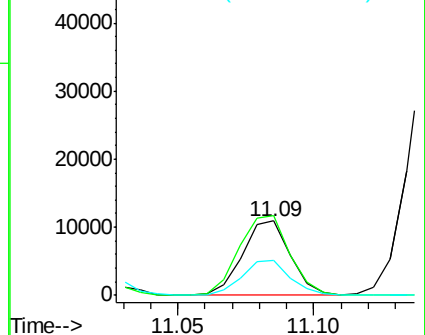
75 100

53 114.7 80.7 121.1

89 48.0 39.4 59.0



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: 20.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000527.D

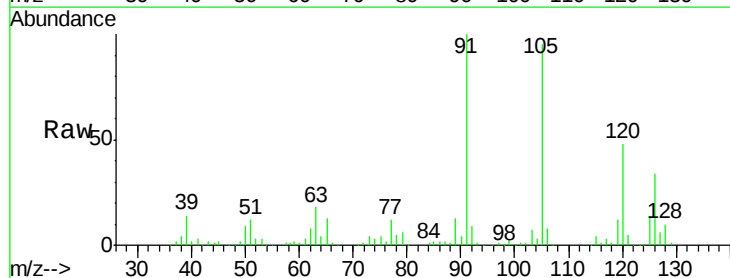
Acq: 29 Mar 2018 21:31

Tgt Ion: 91 Resp: 122788

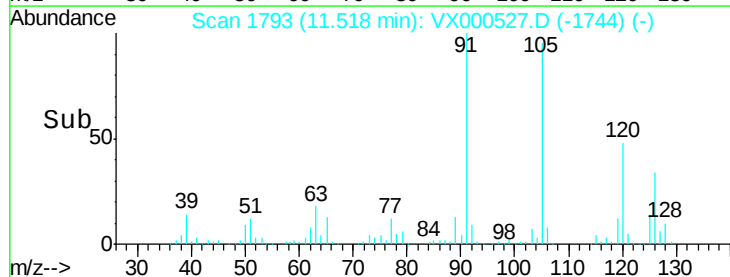
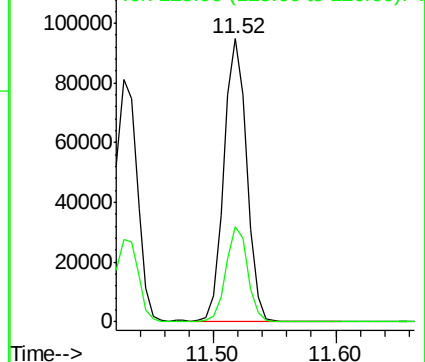
Ion Ratio Lower Upper

91 100

126 32.1 15.4 46.1



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

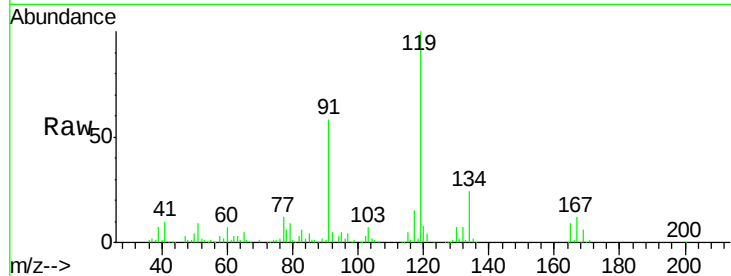




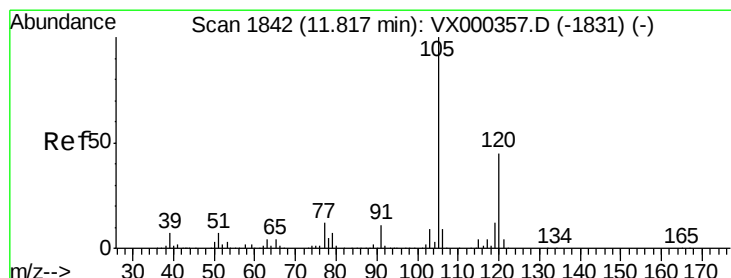
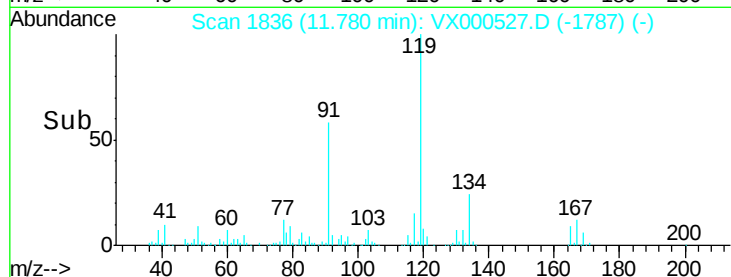
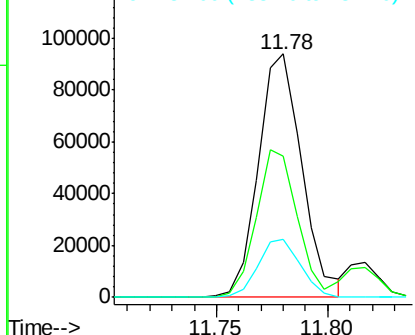
#83
 tert-Butylbenzene
 Concen: 20.40 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

Tgt Ion:119 Resp: 127652
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.8 86.4
 134 23.4 11.4 34.1

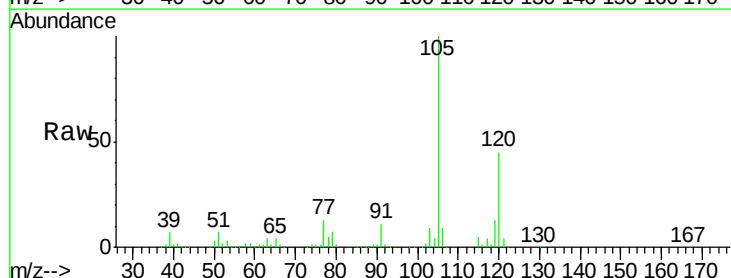


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

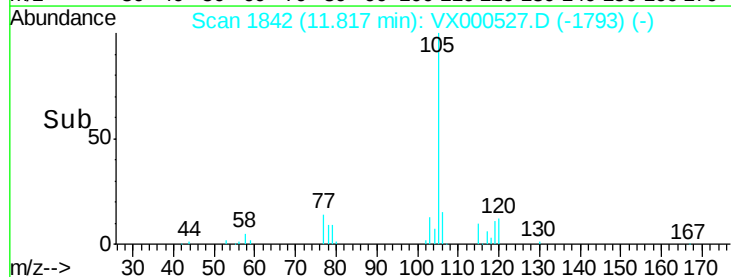
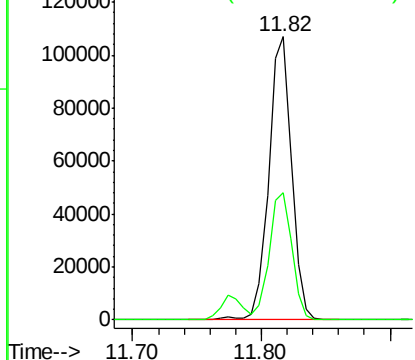


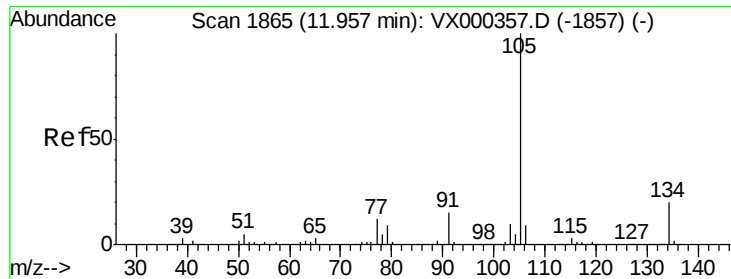
#84
 1,2,4-Trimethylbenzene
 Concen: 20.29 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

Tgt Ion:105 Resp: 131990
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3



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

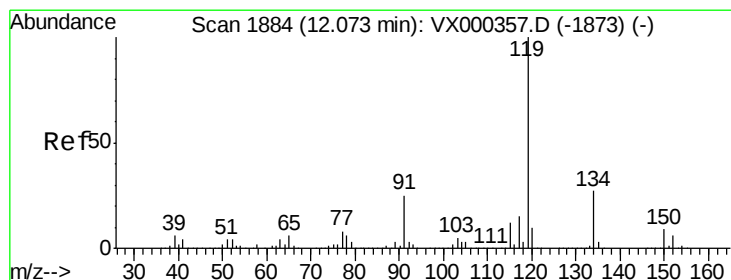
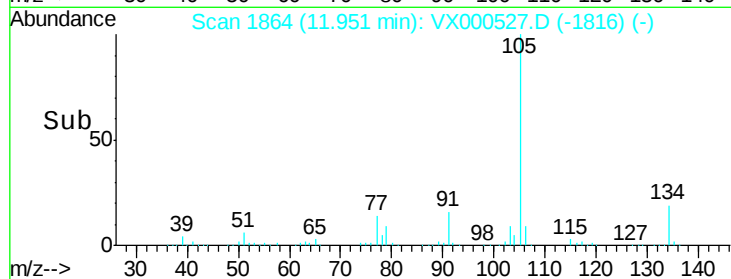
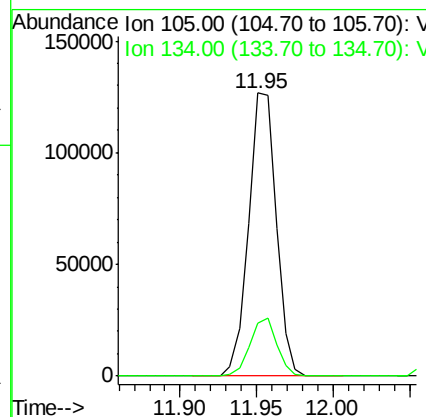
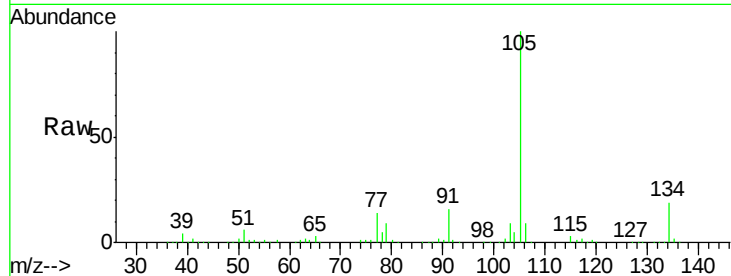




#85
 sec-Butylbenzene
 Concen: 20.63 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

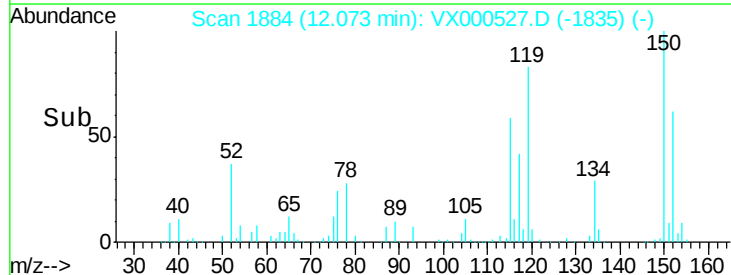
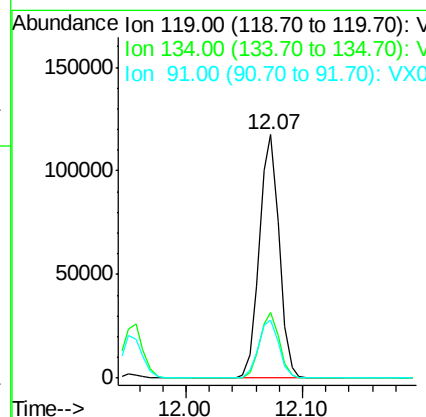
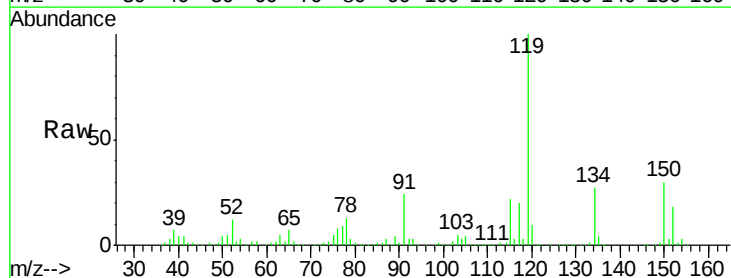
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

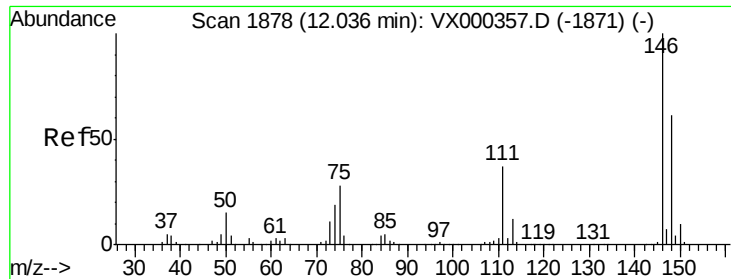
Tgt Ion:105 Resp: 159702
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.32 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

Tgt Ion:119 Resp: 139719
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 24.8 12.0 36.1

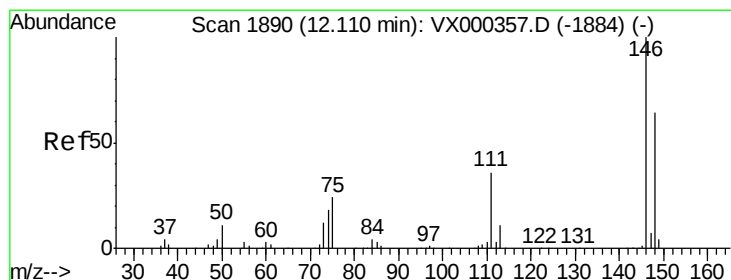
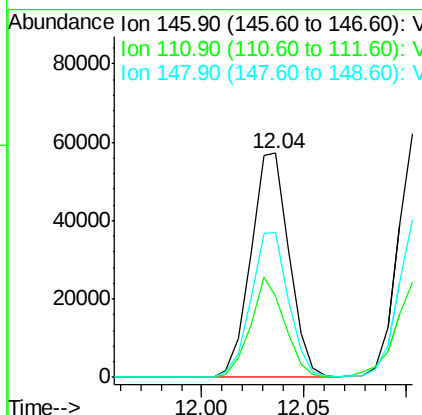
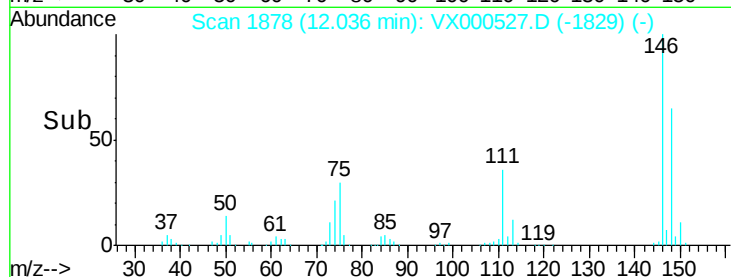
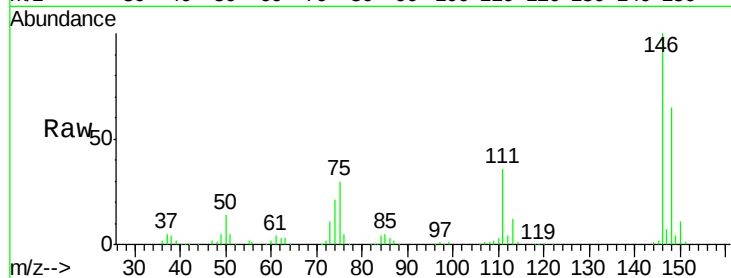




#87
 1,3-Dichlorobenzene
 Concen: 20.07 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

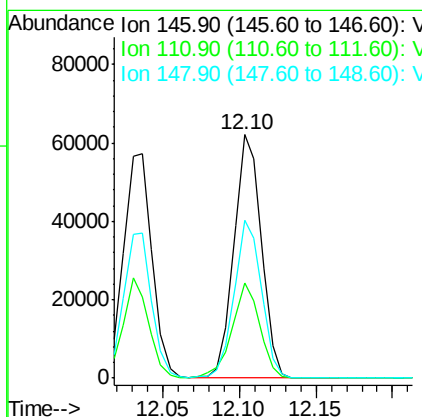
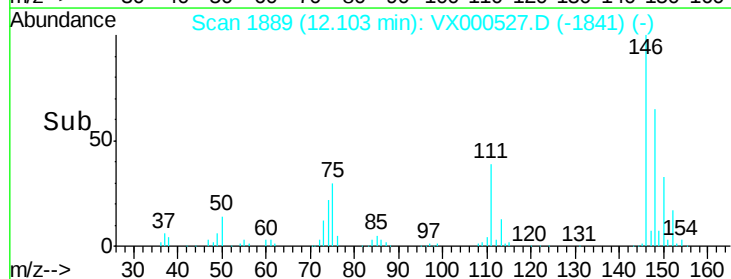
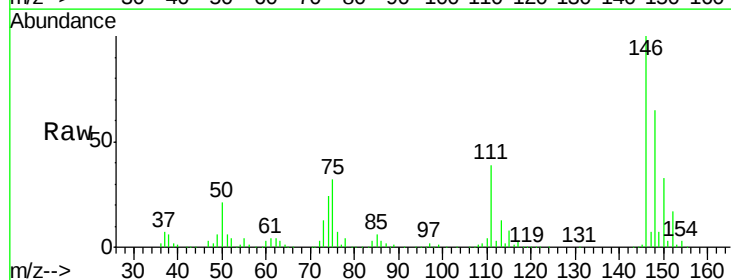
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

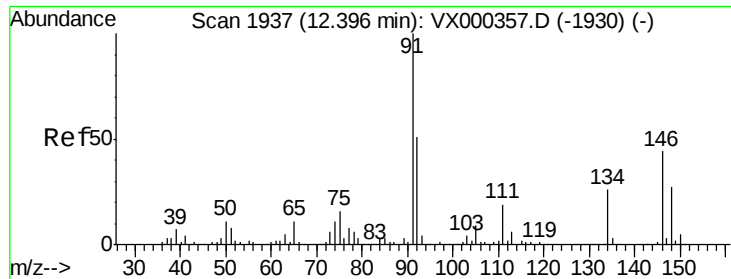
Tgt Ion:146 Resp: 74596
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.5 58.5
 148 63.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

Tgt Ion:146 Resp: 77153
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.9
 148 64.7 31.0 93.0

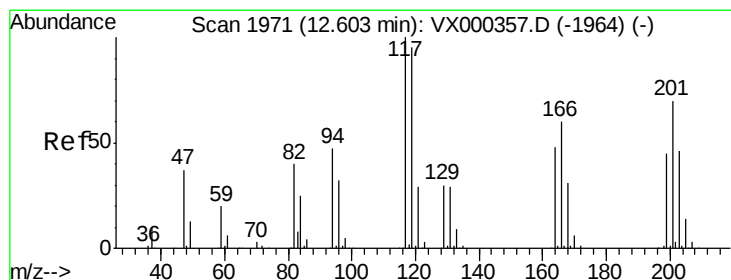
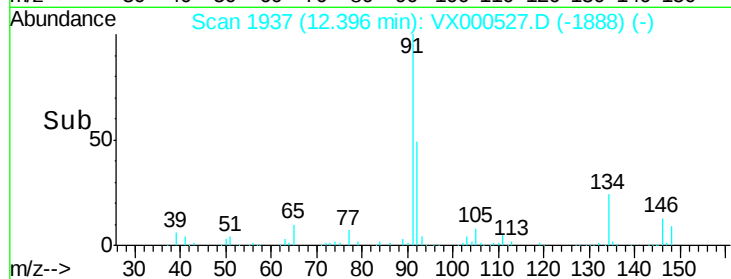
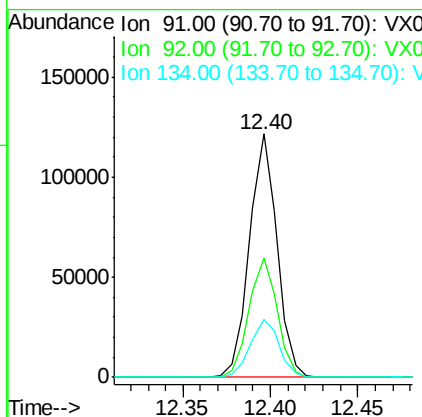
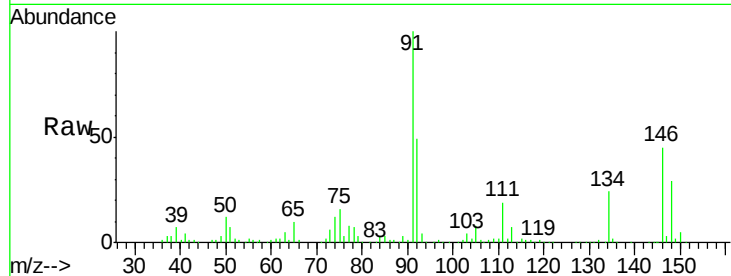




#89
n-Butylbenzene
Concen: 20.80 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

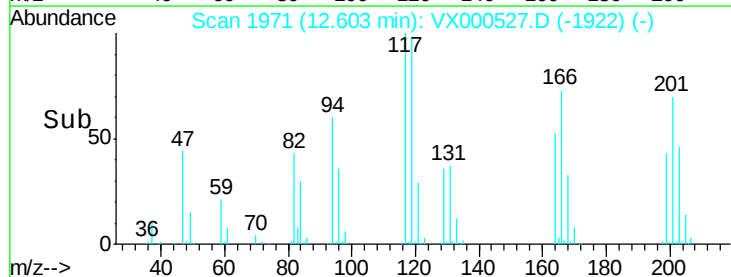
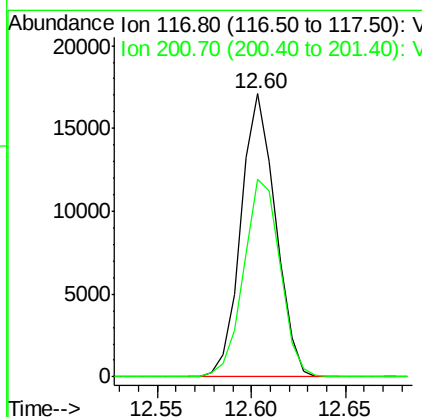
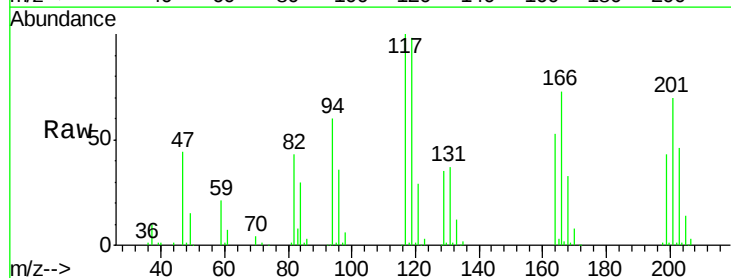
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD01

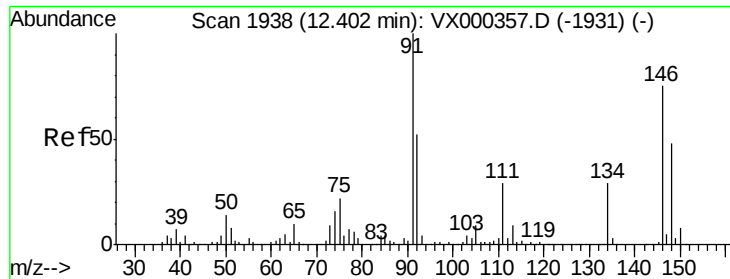
Tgt Ion: 91 Resp: 133134
Ion Ratio Lower Upper
91 100
92 50.3 25.9 77.8
134 25.0 13.1 39.3



#90
Hexachloroethane
Concen: 20.10 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000527.D
Acq: 29 Mar 2018 21:31

Tgt Ion: 117 Resp: 21749
Ion Ratio Lower Upper
117 100
201 73.6 37.9 113.6

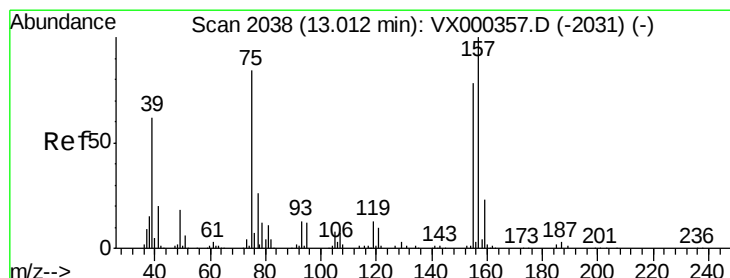
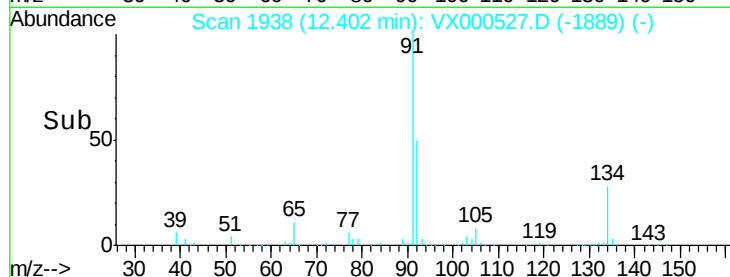
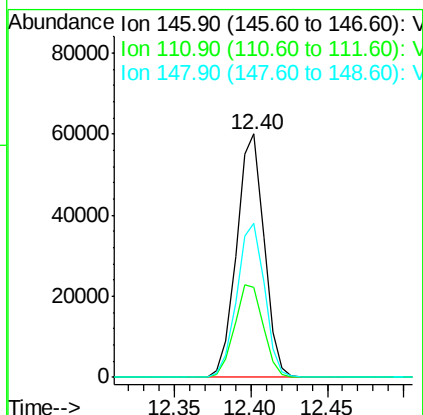
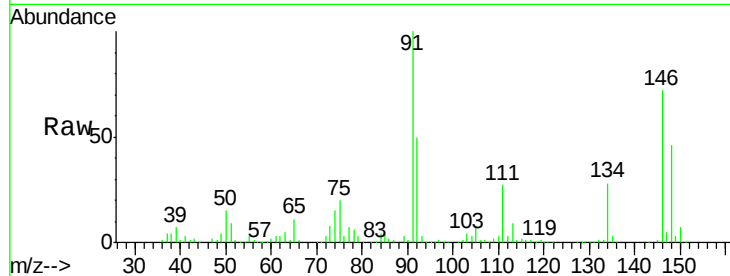




#91
 1,2-Dichlorobenzene
 Concen: 20.51 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

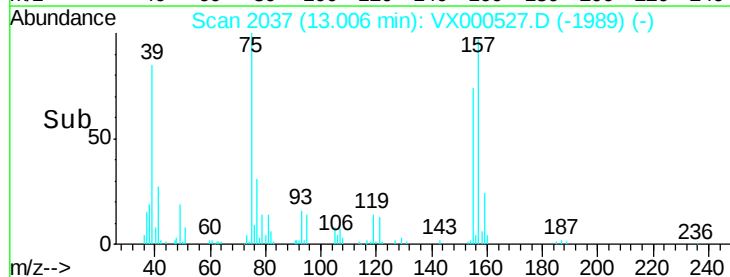
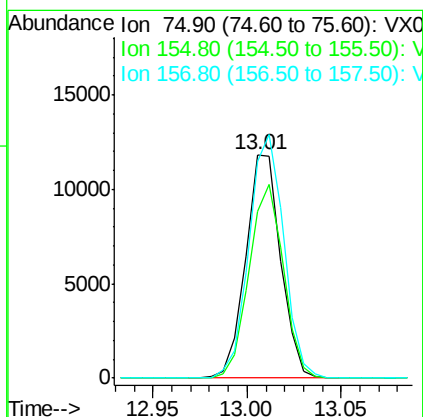
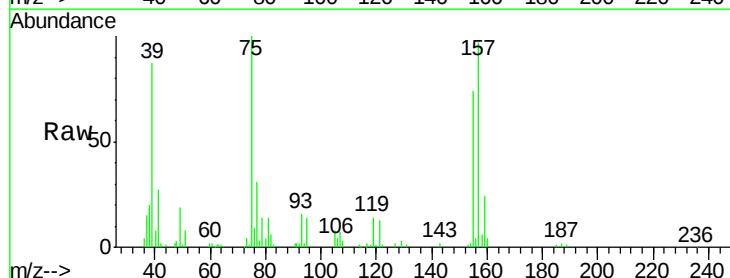
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

Tgt Ion:146 Resp: 74743
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.1 60.2
 148 63.7 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.97 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

Tgt Ion: 75 Resp: 15260
 Ion Ratio Lower Upper
 75 100
 155 84.7 45.0 134.8
 157 107.8 58.1 174.2

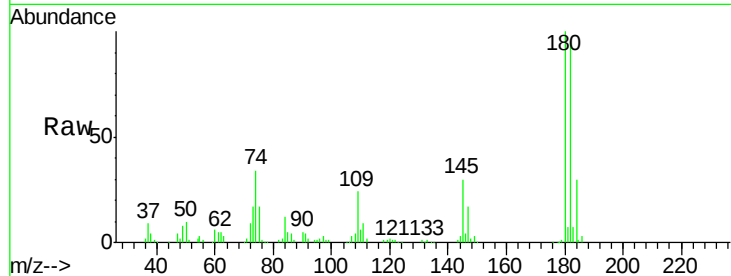




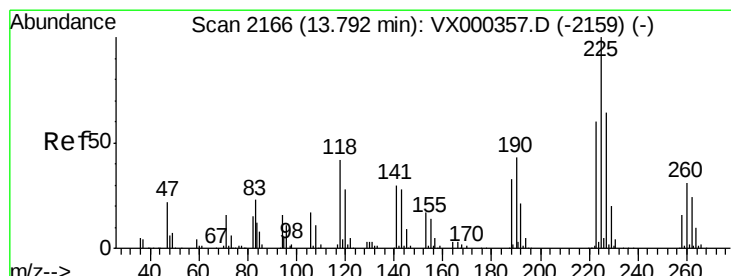
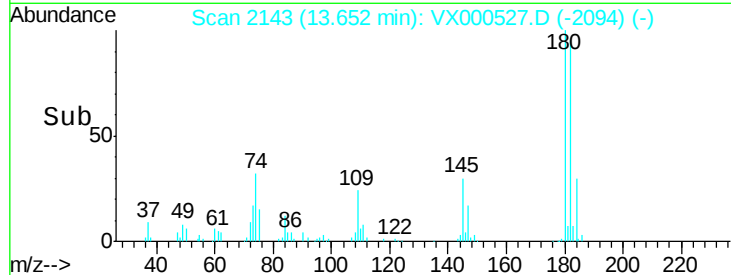
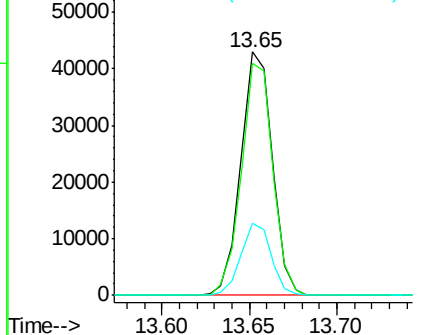
#93
 1,2,4-Trichlorobenzene
 Concen: 20.58 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

Tgt Ion:180 Resp: 53770
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.6 142.9
 145 28.4 15.1 45.3

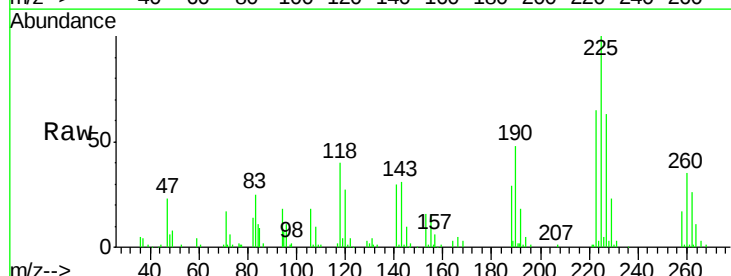


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

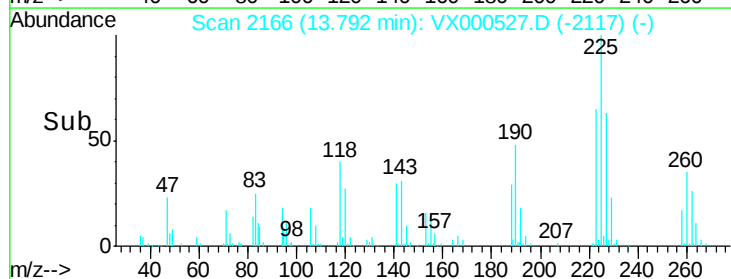
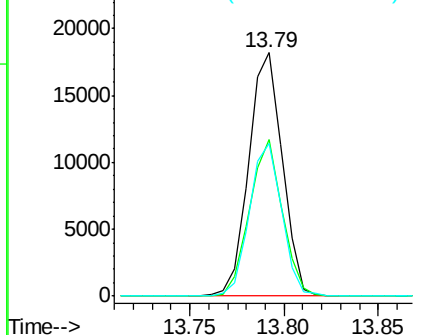


#94
 Hexachlorobutadiene
 Concen: 20.86 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000527.D
 Acq: 29 Mar 2018 21:31

Tgt Ion:225 Resp: 22560
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.0 96.0
 227 60.2 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD01

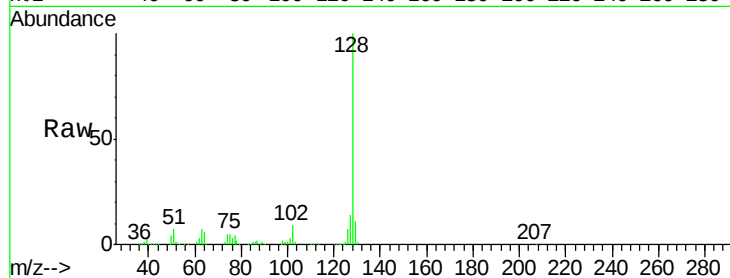
Tgt Ion:128 Resp: 188512

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

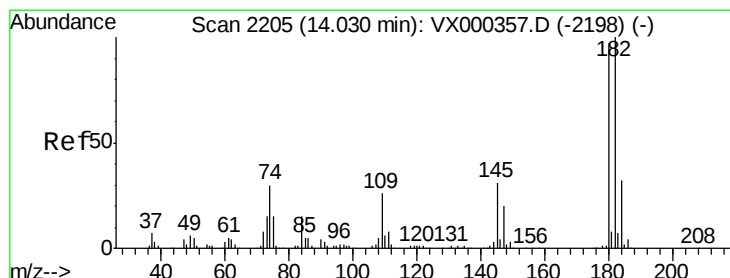
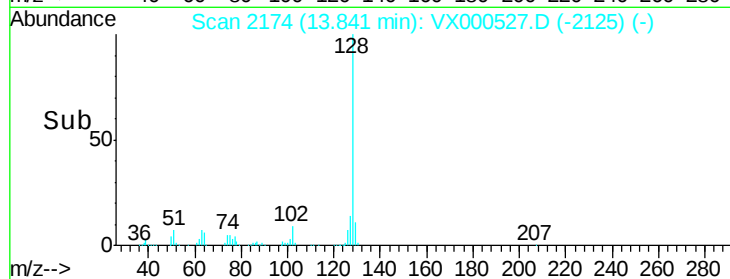
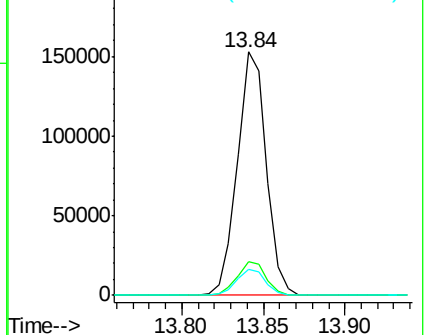
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.42 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000527.D

Acq: 29 Mar 2018 21:31

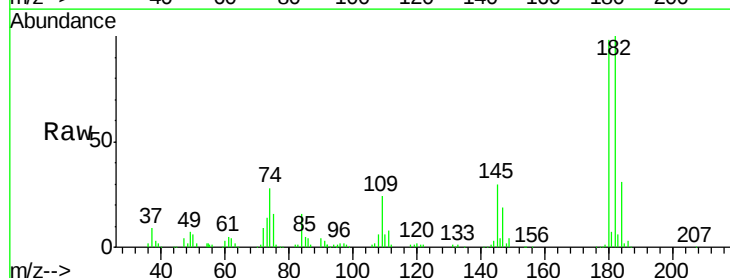
Tgt Ion:180 Resp: 55297

Ion Ratio Lower Upper

180 100

182 95.0 47.4 142.3

145 31.3 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

