

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000273.D
 Acq On : 12 Mar 2018 12:32
 Operator : JC/MD
 Sample : VX0312MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 13 04:32:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	126581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	210270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	213319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	123742	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	88783	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
35) Dibromofluoromethane	5.51	113	68934	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
50) Toluene-d8	8.73	98	277287	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.15	95	106782	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	25591	18.55	ug/l	100
3) Chloromethane	1.32	50	27441	20.38	ug/l	99
4) Vinyl Chloride	1.41	62	33352	21.25	ug/l	96
5) Bromomethane	1.64	94	28348	16.65	ug/l	100
6) Chloroethane	1.73	64	20693	20.87	ug/l	95
7) Trichlorofluoromethane	1.93	101	54880	21.08	ug/l	99
8) Diethyl Ether	2.20	74	19779	20.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29625	20.37	ug/l	96
10) Methyl Iodide	2.52	142	22350	16.87	ug/l	98
11) Tert butyl alcohol	3.08	59	57718	89.52	ug/l	100
12) 1,1-Dichloroethene	2.38	96	27932	20.92	ug/l	97
13) Acrolein	2.30	56	35652	105.18	ug/l	100
14) Allyl chloride	2.73	41	49451	20.05	ug/l	97
15) Acrylonitrile	3.16	53	111515	99.38	ug/l	98
16) Acetone	2.45	43	121409	96.35	ug/l	99
17) Carbon Disulfide	2.57	76	69202	18.92	ug/l	98
18) Methyl Acetate	2.79	43	53469	19.92	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	99276	20.88	ug/l	99
20) Methylene Chloride	2.87	84	30458	20.27	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28819	19.63	ug/l	93
22) Diisopropyl ether	3.88	45	73168	17.28	ug/l	96
23) Vinyl Acetate	3.84	43	356605	87.37	ug/l	98
24) 1,1-Dichloroethane	3.71	63	53667	20.67	ug/l	97
25) 2-Butanone	4.72	43	146334	94.10	ug/l	100
26) 2,2-Dichloropropane	4.60	77	36530	19.25	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	27575	19.81	ug/l	98
28) Bromochloromethane	5.03	49	23742	21.52	ug/l	99
29) Tetrahydrofuran	5.18	42	90117	92.26	ug/l	99
30) Chloroform	5.23	83	48671	19.39	ug/l	100
31) Cyclohexane	5.59	56	38399	20.00	ug/l	# 92
32) 1,1,1-Trichloroethane	5.51	97	44323	20.37	ug/l	99
36) 1,1-Dichloropropene	5.81	75	36594	19.56	ug/l	99
37) Ethyl Acetate	4.87	43	50308	18.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	37591	19.85	ug/l	95

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000273.D
 Acq On : 12 Mar 2018 12:32
 Operator : JC/MD
 Sample : VX0312MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 13 04:32:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42807	18.65	ug/l	99
40) Benzene	6.15	78	107723	19.96	ug/l	98
41) Methacrylonitrile	5.07	41	25856	18.76	ug/l	98
42) 1,2-Dichloroethane	6.21	62	42461	20.06	ug/l	99
43) Isopropyl Acetate	6.48	43	75707	19.37	ug/l	99
44) Trichloroethene	7.23	130	30167	19.53	ug/l	96
45) 1,2-Dichloropropane	7.52	63	26833	19.63	ug/l	93
46) Dibromomethane	7.67	93	21176	19.58	ug/l	98
47) Bromodichloromethane	7.91	83	37073	19.49	ug/l	94
48) Methyl methacrylate	7.79	41	37524	19.49	ug/l	95
49) 1,4-Dioxane	7.77	88	15248	348.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	285050	96.61	ug/l	98
52) Toluene	8.79	92	74042	20.02	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	44152	19.70	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	43383	20.01	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	30646	20.46	ug/l	97
56) Ethyl methacrylate	9.19	69	45406	20.25	ug/l	99
57) 1,3-Dichloropropane	9.38	76	50035	19.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	111556	98.57	ug/l	99
59) 2-Hexanone	9.51	43	235987	93.80	ug/l	99
60) Dibromochloromethane	9.59	129	30683	19.43	ug/l	96
61) 1,2-Dibromoethane	9.68	107	32673	19.64	ug/l	98
64) Tetrachloroethene	9.34	164	29536	19.79	ug/l	95
65) Chlorobenzene	10.15	112	86815	20.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28952	19.66	ug/l	97
67) Ethyl Benzene	10.26	91	148436	19.74	ug/l	99
68) m/p-Xylenes	10.37	106	114201	39.47	ug/l	97
69) o-Xylene	10.71	106	55569	19.98	ug/l	98
70) Styrene	10.72	104	92024	19.95	ug/l	99
71) Bromoform	10.87	173	23075	17.51	ug/l #	100
73) Isopropylbenzene	11.02	105	151848	19.60	ug/l	100
74) N-amyl acetate	6.48	43	75707	19.10	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54456	20.05	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	60725	24.48	ug/l	83
77) Bromobenzene	11.26	156	38568	19.26	ug/l	96
78) n-propylbenzene	11.37	91	179912	19.73	ug/l	99
79) 2-Chlorotoluene	11.43	91	101219	19.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	129197	19.97	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	13775	17.01	ug/l	89
82) 4-Chlorotoluene	11.52	91	126238	20.19	ug/l	95
83) tert-Butylbenzene	11.78	119	123481	19.62	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	134275	20.19	ug/l	99
85) sec-Butylbenzene	11.96	105	162137	20.37	ug/l	99
86) p-Isopropyltoluene	12.07	119	140022	19.95	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	75089	19.72	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	78165	19.58	ug/l	98
89) n-Butylbenzene	12.40	91	138890	20.54	ug/l	99
90) Hexachloroethane	12.60	117	20991	18.56	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	76669	20.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14546	19.07	ug/l	92

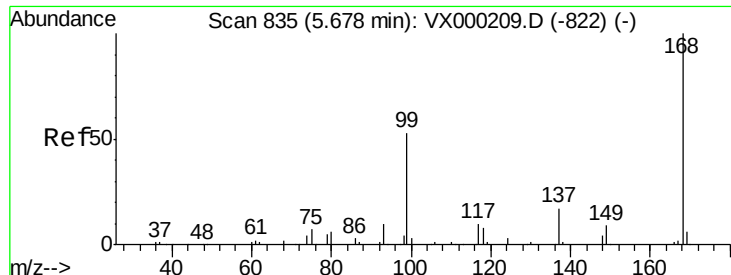
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
Data File : VX000273.D
Acq On : 12 Mar 2018 12:32
Operator : JC/MD
Sample : VX0312MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 13 04:32:30 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54154	19.74	ug/l	99
94) Hexachlorobutadiene	13.79	225	22277	19.51	ug/l	99
95) Naphthalene	13.84	128	191878	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	52747	19.44	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

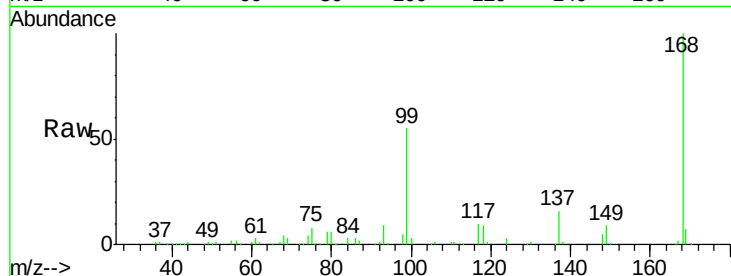
ClientSampleId :

Tot Ion:168 Resp: 126581

Ion Ratio Lower Upper

168 100

99 54.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

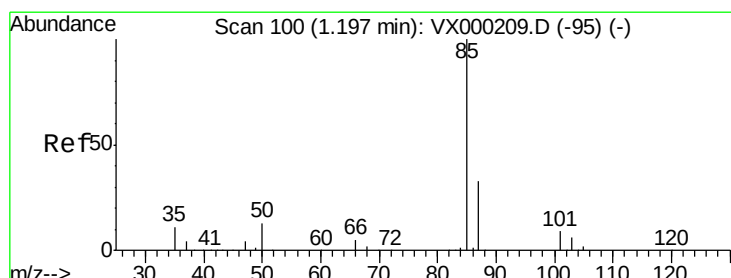
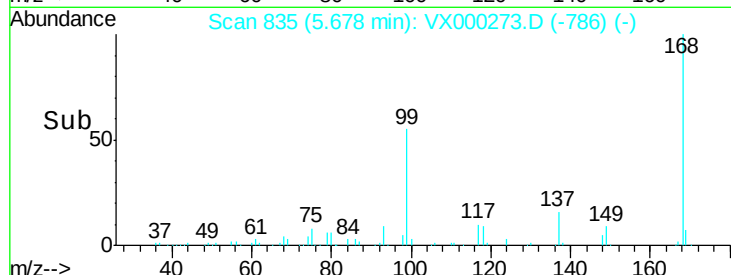
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.55 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000273.D

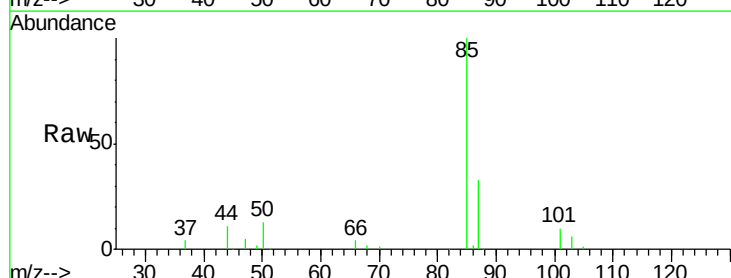
Acq: 12 Mar 2018 12:32

Tgt Ion: 85 Resp: 25591

Ion Ratio Lower Upper

85 100

87 33.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

15000

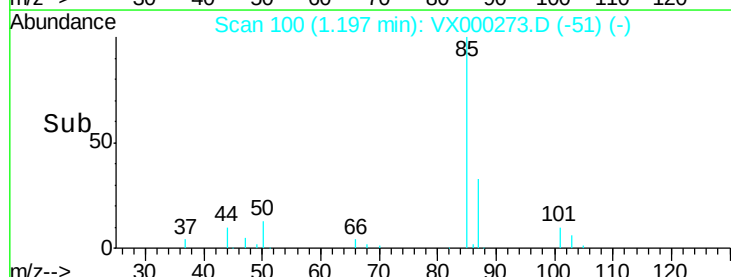
10000

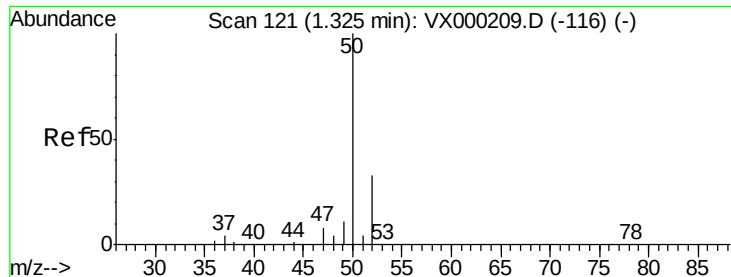
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.38 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

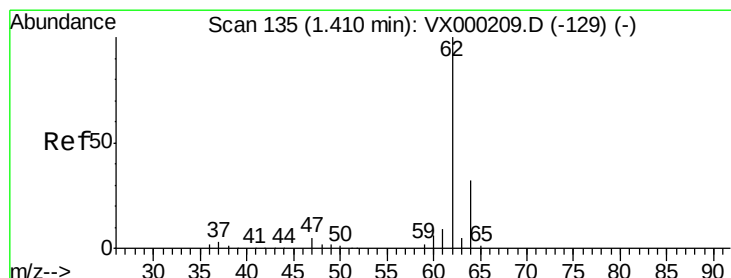
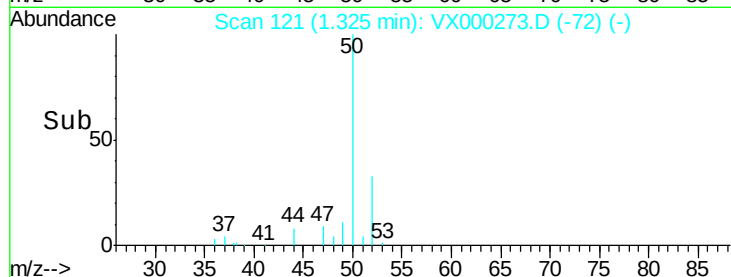
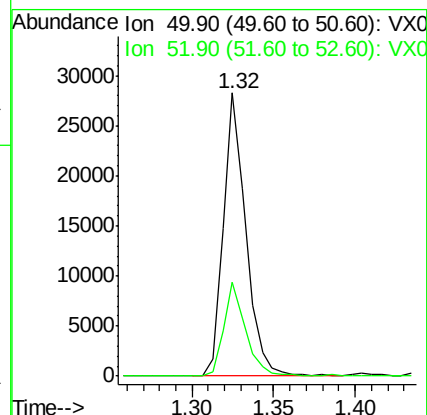
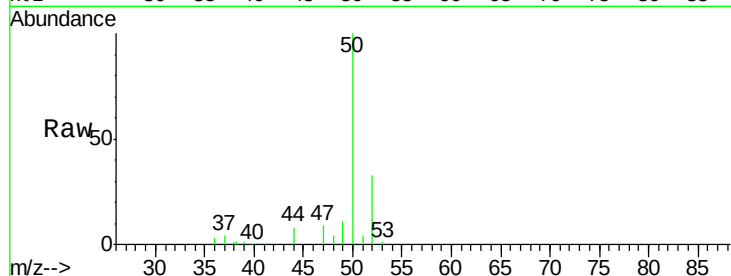
ClientSampleId :

Tot Ion: 50 Resp: 27441

Ion Ratio Lower Upper

50 100

52 33.1 26.2 39.2



#4

Vinyl Chloride

Concen: 21.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000273.D

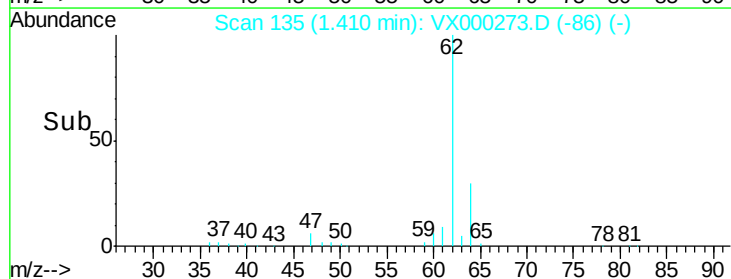
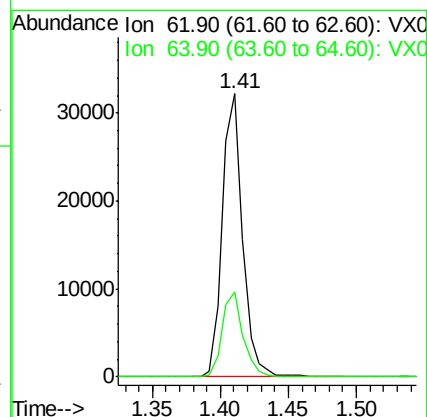
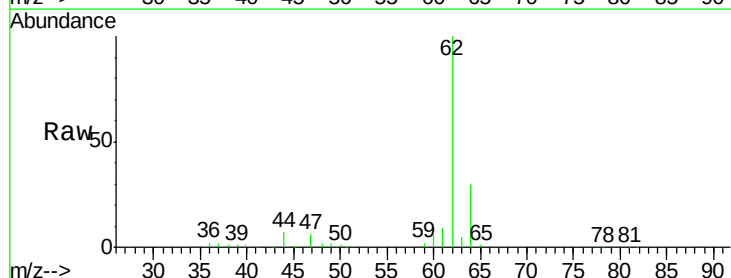
Acq: 12 Mar 2018 12:32

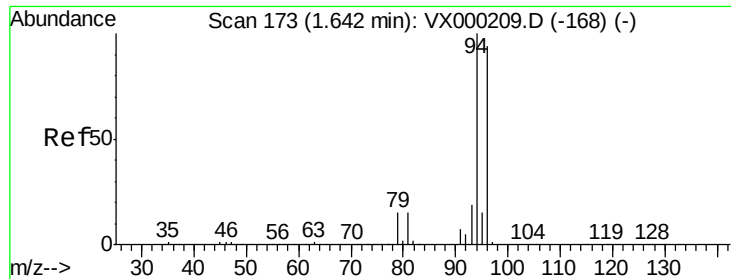
Tgt Ion: 62 Resp: 33352

Ion Ratio Lower Upper

62 100

64 30.1 25.7 38.5





#5

Bromomethane

Concen: 16.65 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

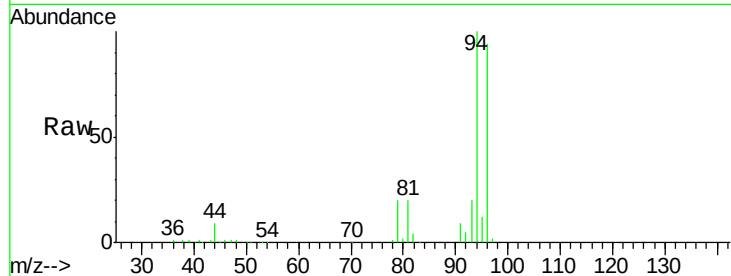
ClientSampled :

Tot Ion: 94 Resp: 28348

Ion Ratio Lower Upper

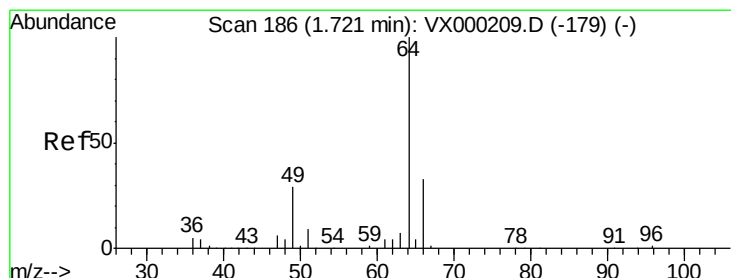
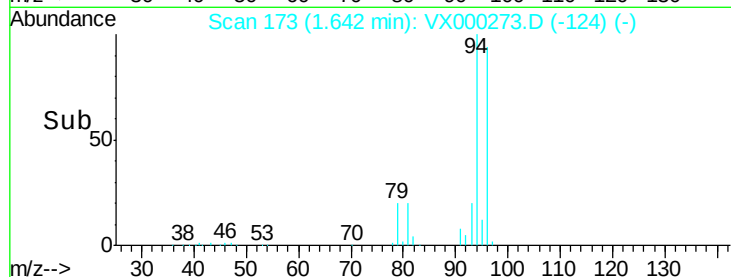
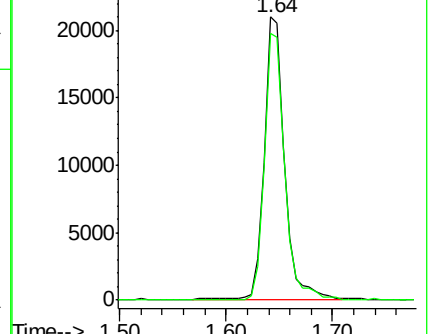
94 100

96 94.0 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.87 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000273.D

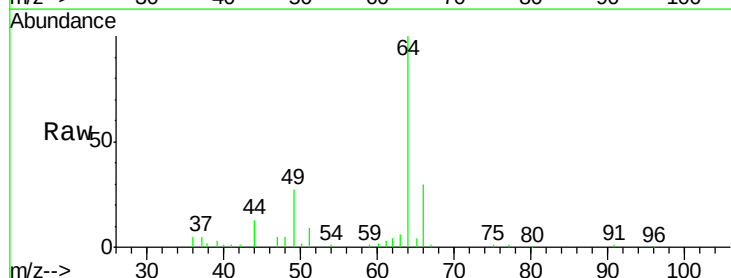
Acq: 12 Mar 2018 12:32

Tgt Ion: 64 Resp: 20693

Ion Ratio Lower Upper

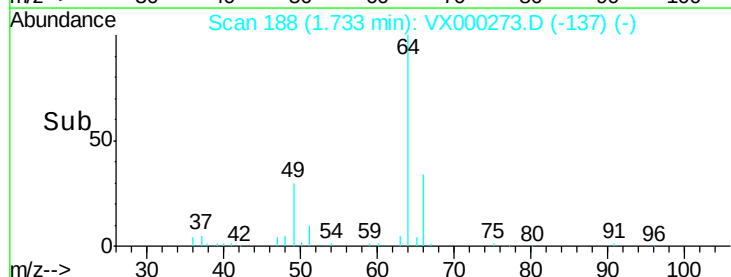
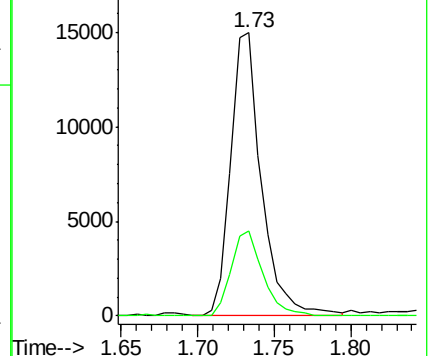
64 100

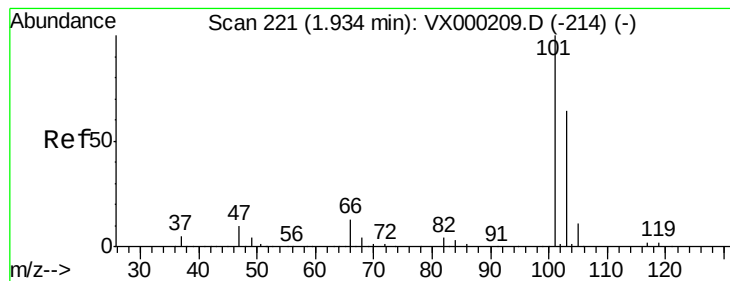
66 30.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



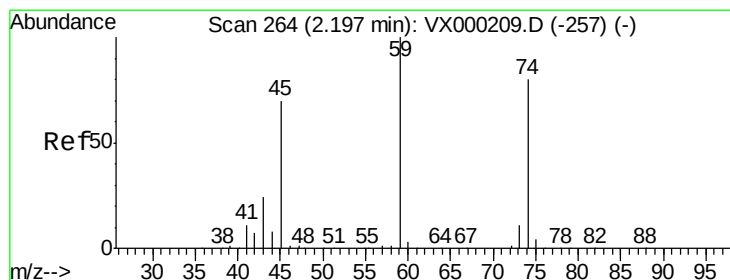
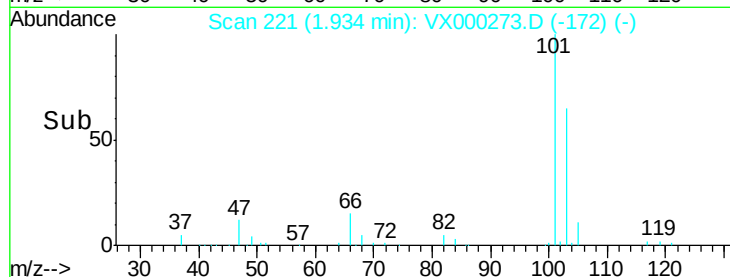
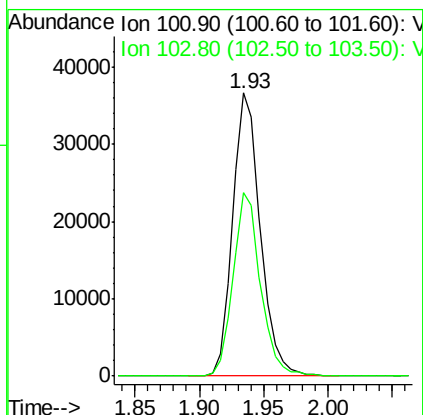
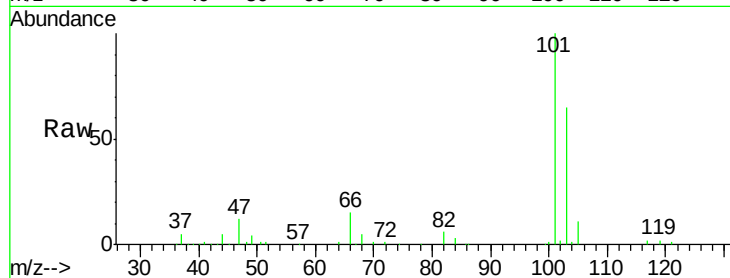


#7

Trichlorofluoromethane
Concen: 21.08 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :

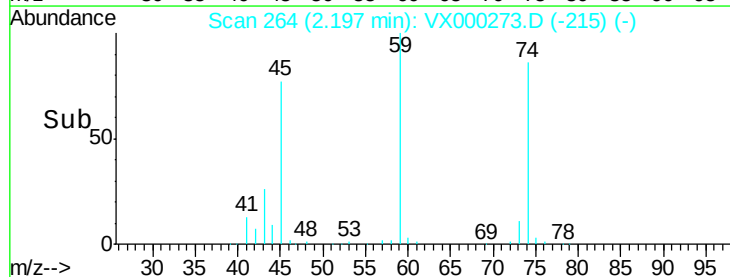
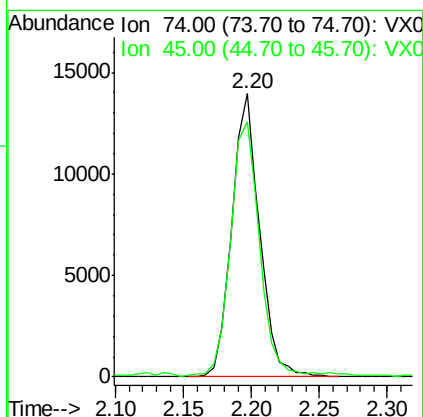
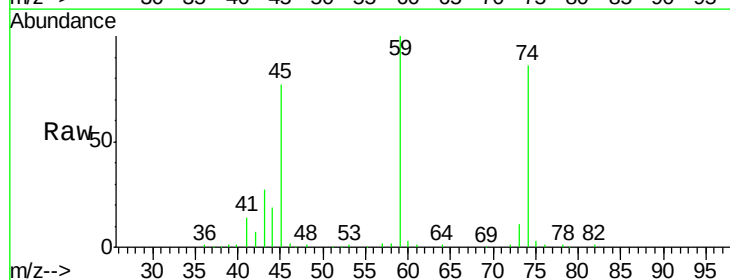
Tot Ion:101 Resp: 54880
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

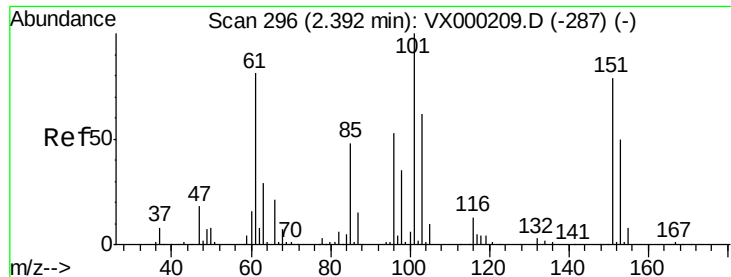


#8

Diethyl Ether
Concen: 20.70 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 74 Resp: 19779
Ion Ratio Lower Upper
74 100
45 94.1 47.2 141.6

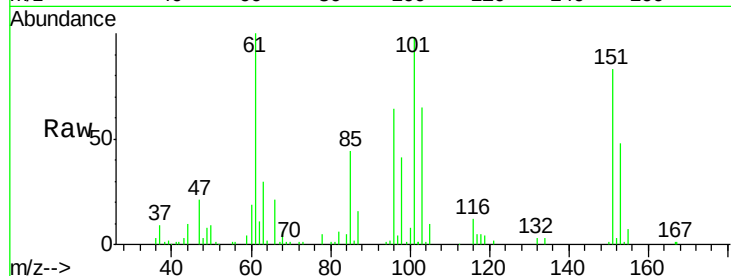




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.37 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	50.1	38.3	57.5
151	82.1	62.8	94.2

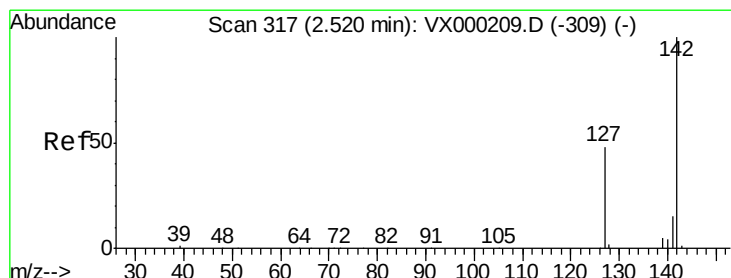
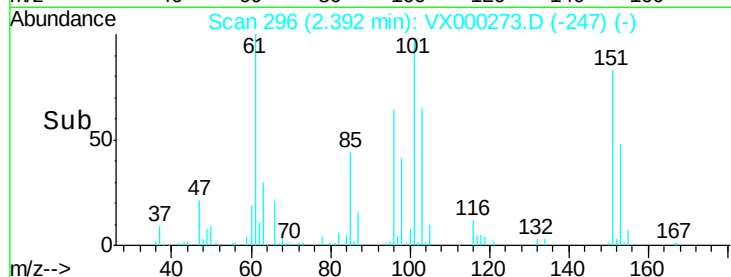
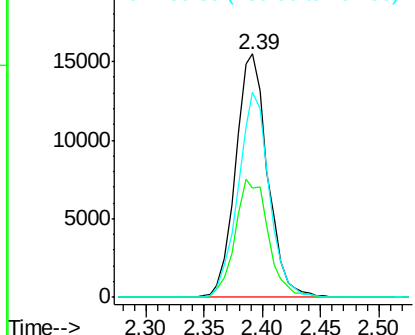


Abundance

Ion 100.90 (100.60 to 101.60): V

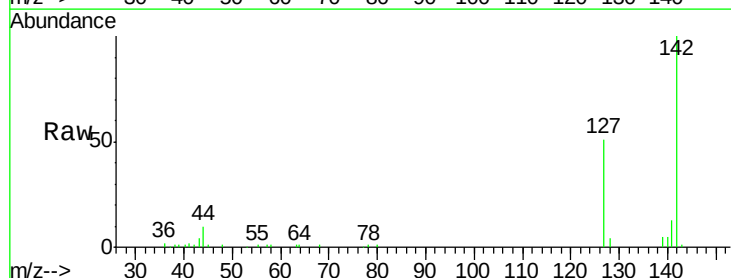
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 16.87 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
142	100		
127	50.4	39.0	58.6
141	13.9	11.6	17.4

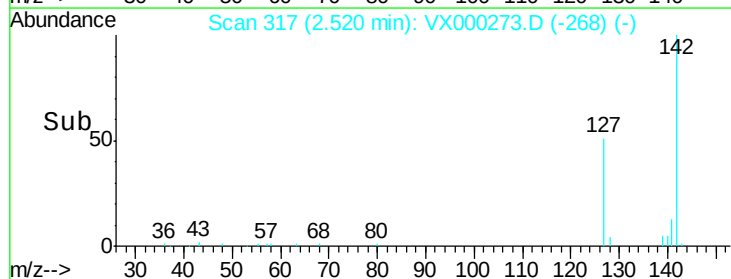
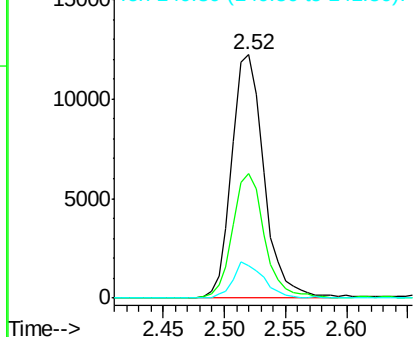


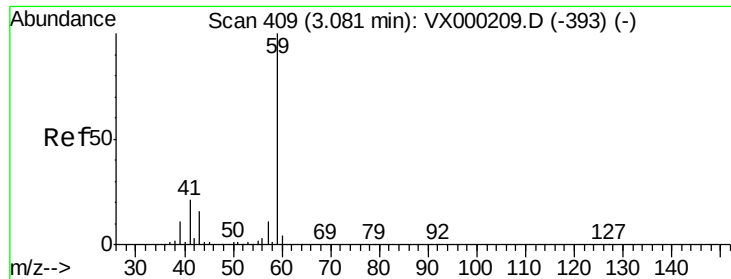
Abundance

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

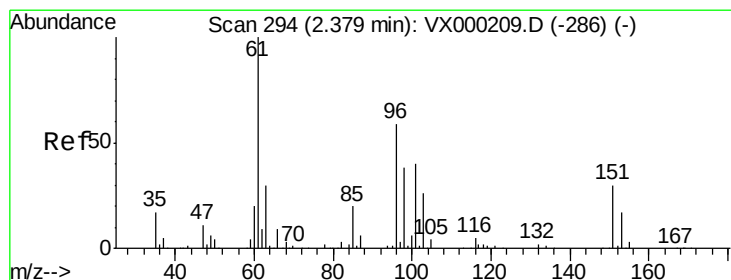
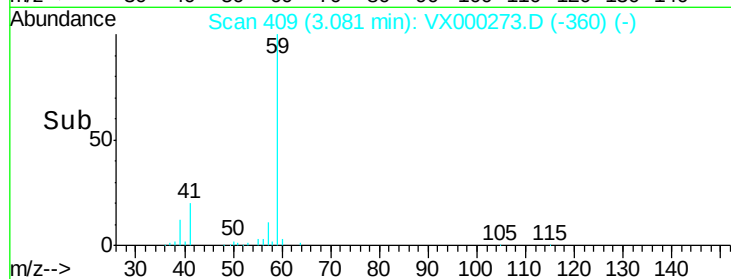
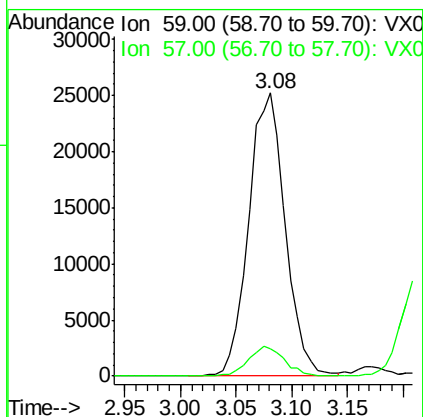
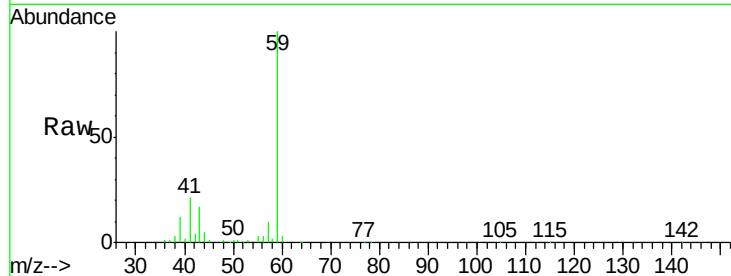




#11
Tert butyl alcohol
Concen: 89.52 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

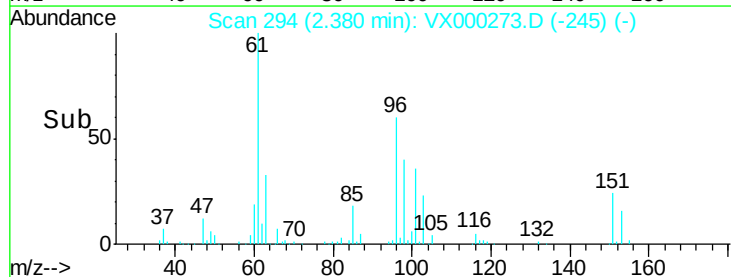
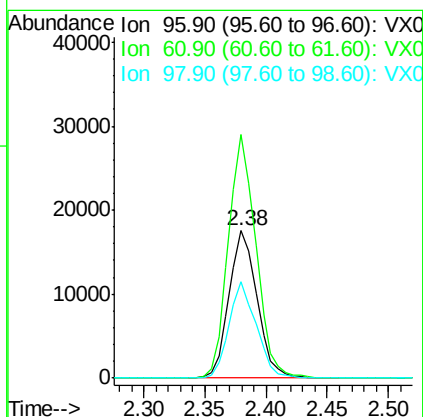
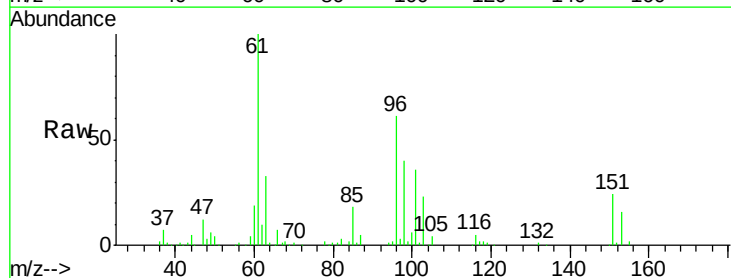
Instrument :
MSVOA_X
ClientSampled :

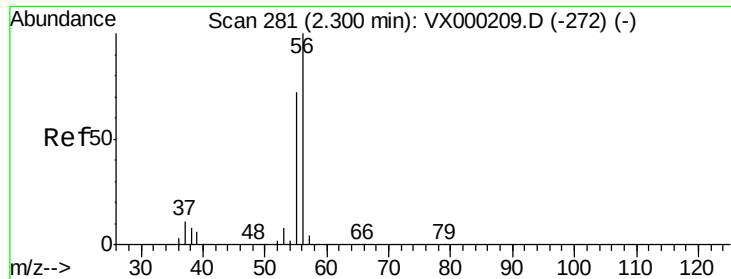
Tot Ion: 59 Resp: 57718
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 20.92 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 96 Resp: 27932
Ion Ratio Lower Upper
96 100
61 165.0 135.8 203.6
98 65.2 51.1 76.7

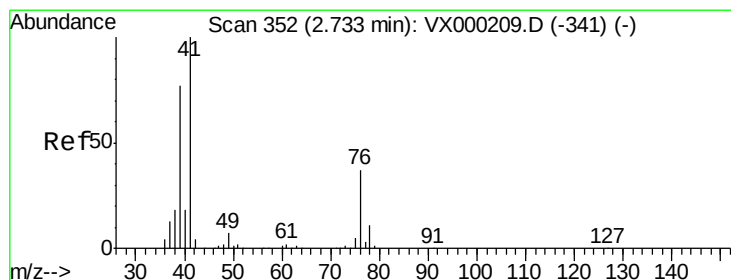
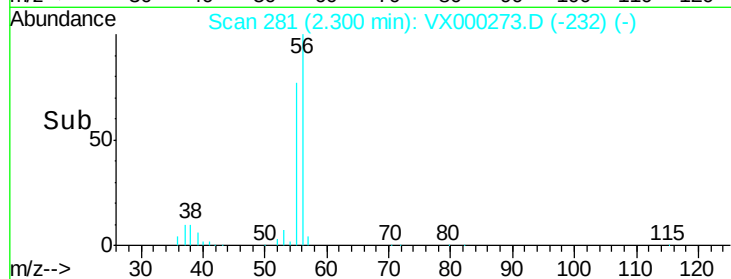
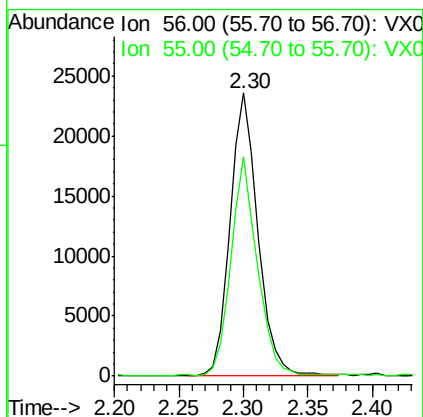
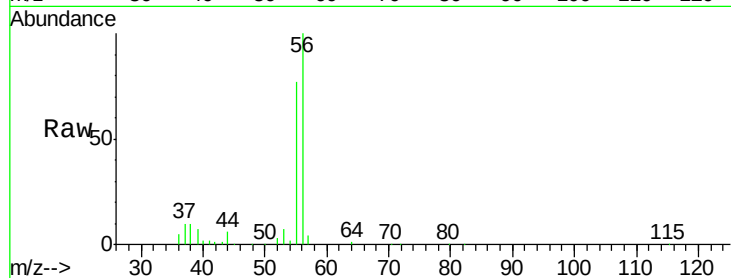




#13
Acrolein
Concen: 105.18 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

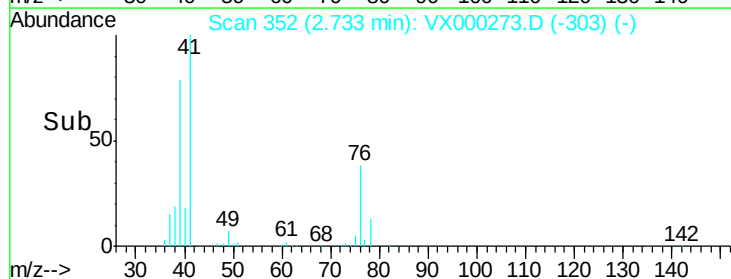
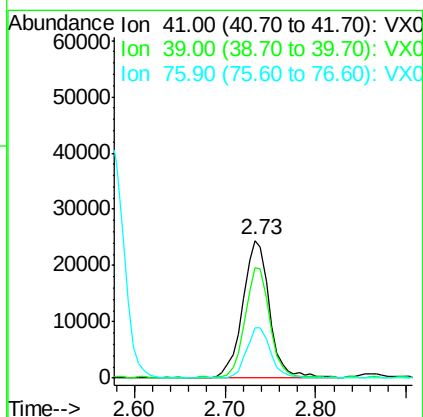
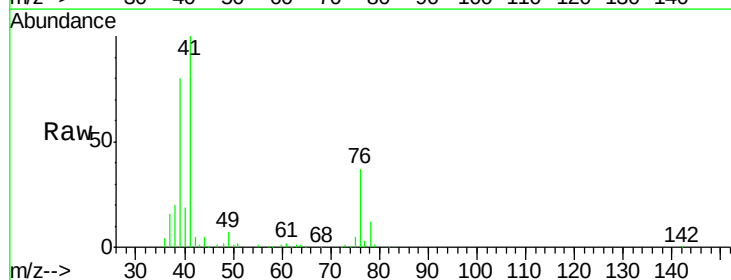
Instrument :
MSVOA_X
ClientSampled :

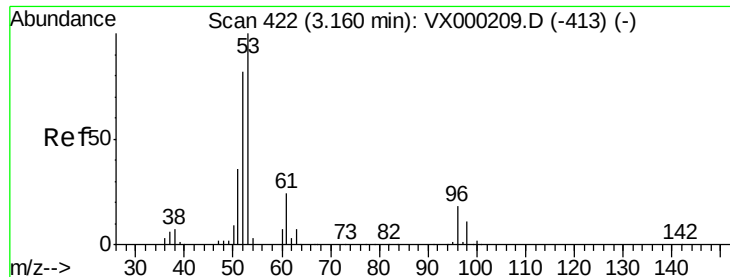
Tot Ion: 56 Resp: 35652
Ion Ratio Lower Upper
56 100
55 74.2 59.2 88.8



#14
Allyl chloride
Concen: 20.05 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 41 Resp: 49451
Ion Ratio Lower Upper
41 100
39 74.4 57.0 85.6
76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 99.38 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :

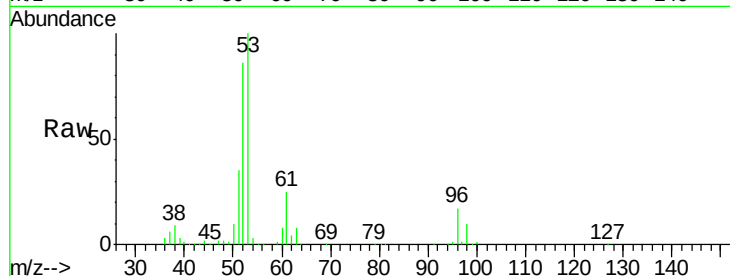
Tot Ion: 53 Resp: 111515

Ion Ratio Lower Upper

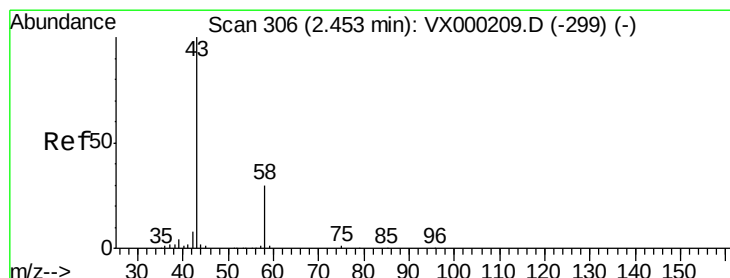
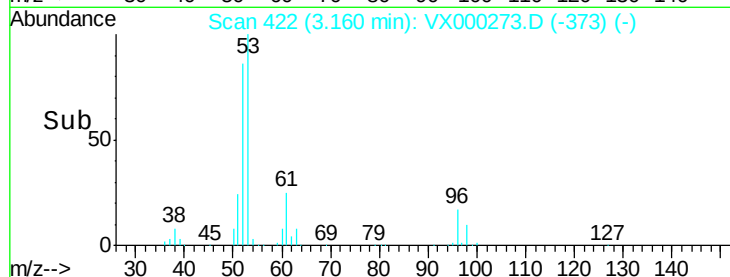
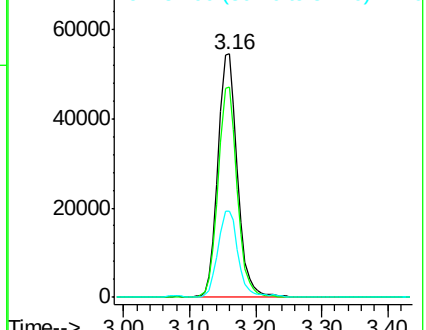
53 100

52 84.4 66.3 99.5

51 36.3 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.35 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000273.D

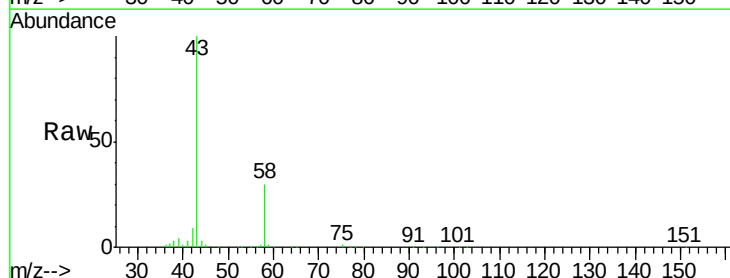
Acq: 12 Mar 2018 12:32

Tgt Ion: 43 Resp: 121409

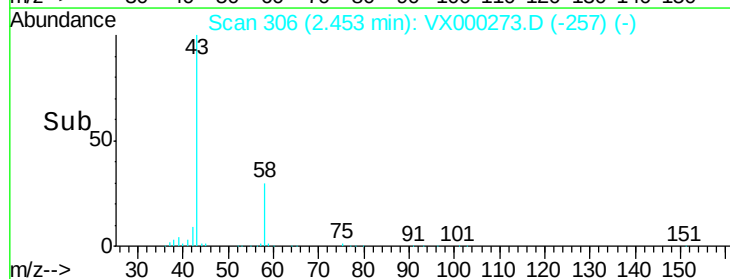
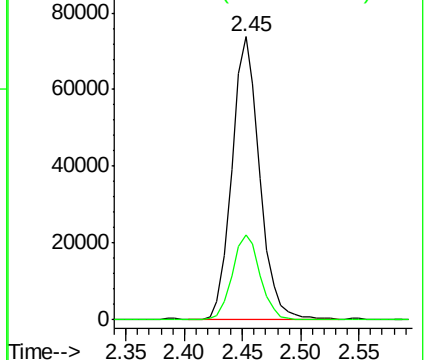
Ion Ratio Lower Upper

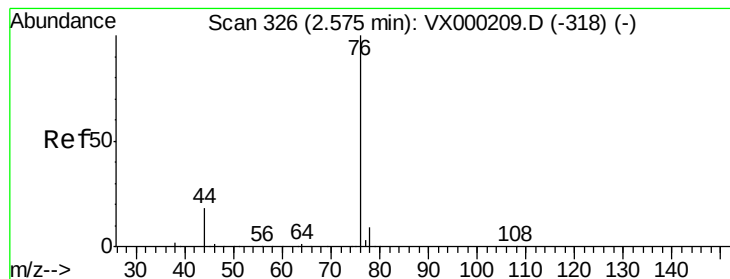
43 100

58 30.2 23.8 35.6



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





#17

Carbon Disulfide

Concen: 18.92 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

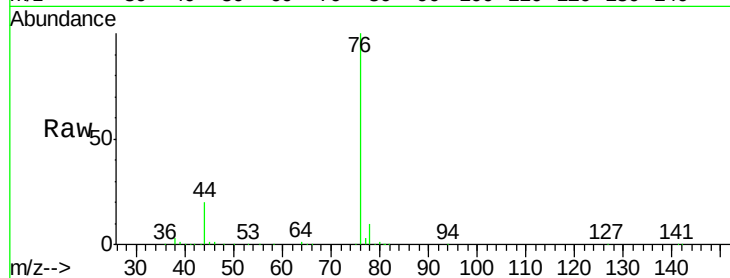
ClientSampleId :

Tot Ion: 76 Resp: 69202

Ion Ratio Lower Upper

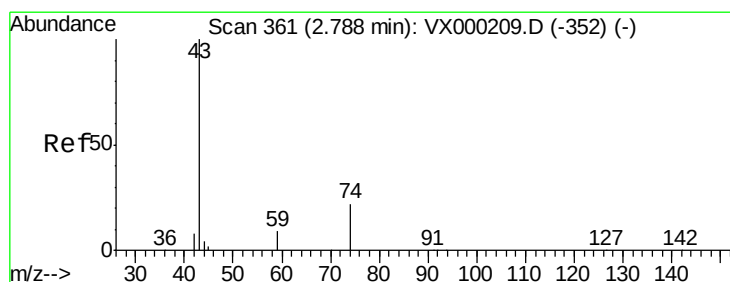
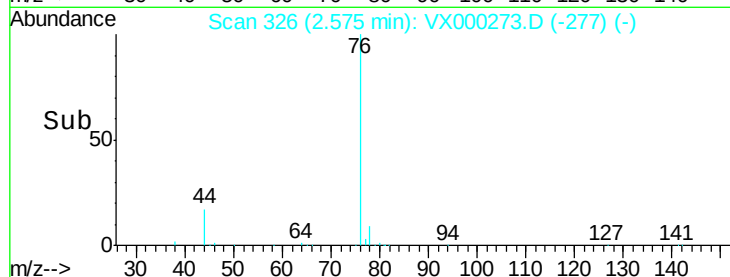
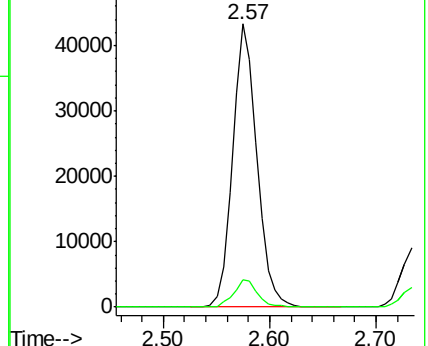
76 100

78 9.5 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: 19.92 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000273.D

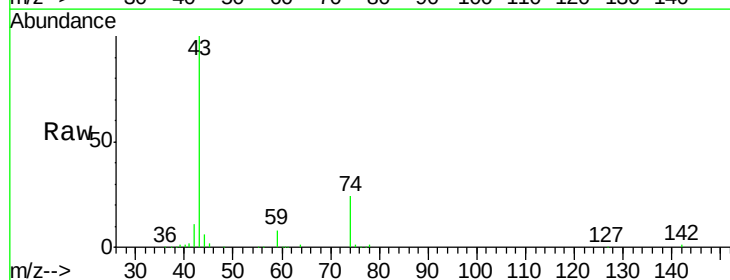
Acq: 12 Mar 2018 12:32

Tgt Ion: 43 Resp: 53469

Ion Ratio Lower Upper

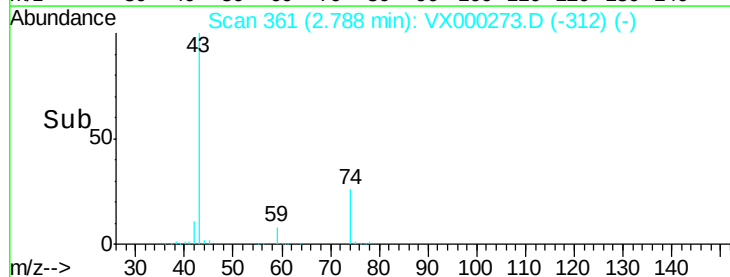
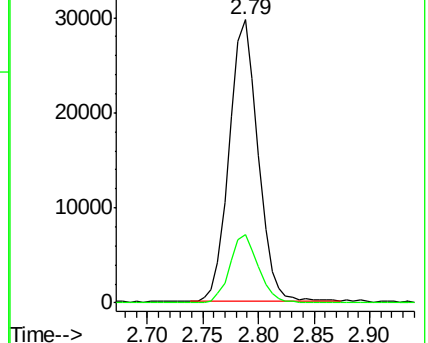
43 100

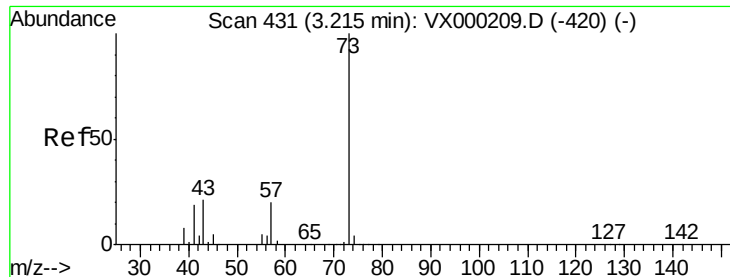
74 24.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

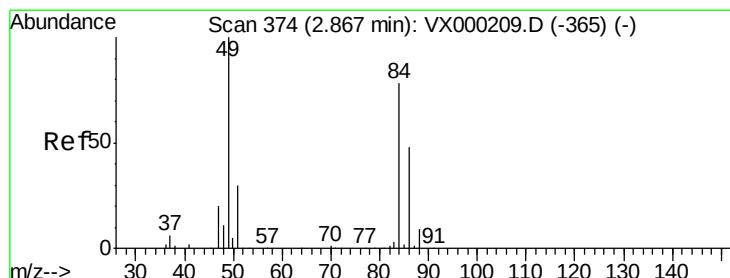
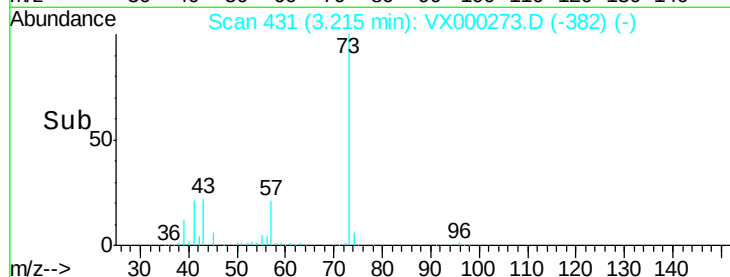
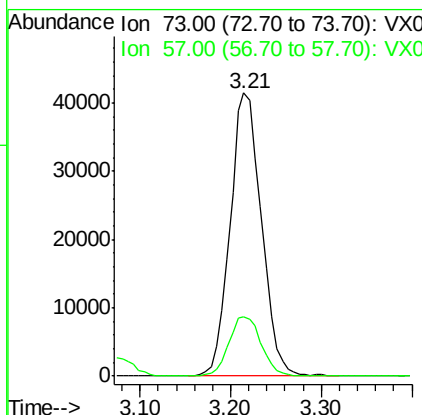
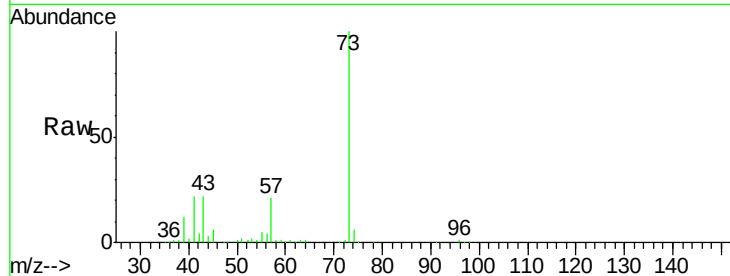




#19
Methyl tert-butyl Ether
Concen: 20.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

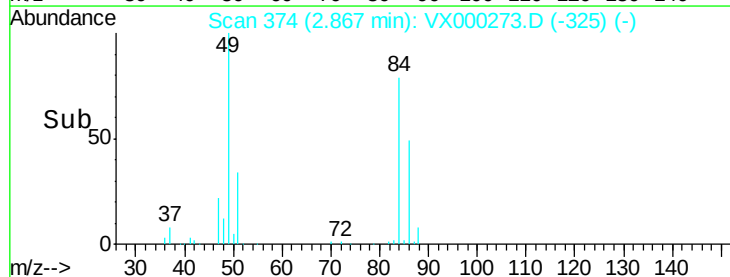
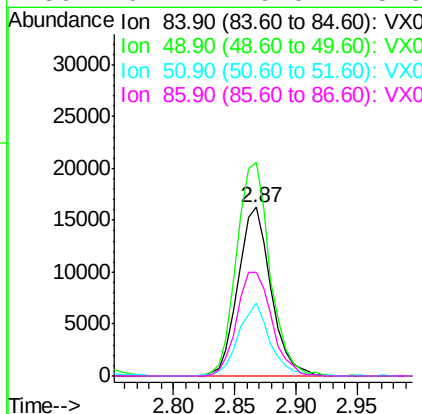
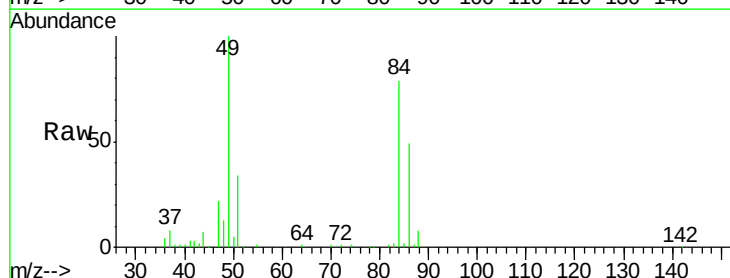
Instrument :
MSVOA_X
ClientSampleId :

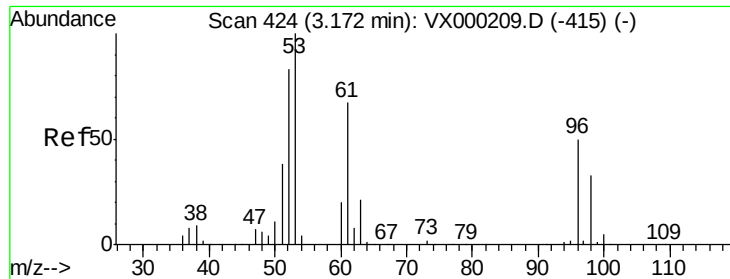
Tot Ion: 73 Resp: 99276
Ion Ratio Lower Upper
73 100
57 21.1 16.3 24.5



#20
Methylene Chloride
Concen: 20.27 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 84 Resp: 30458
Ion Ratio Lower Upper
84 100
49 126.8 102.1 153.1
51 43.3 30.6 45.8
86 61.7 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.63 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

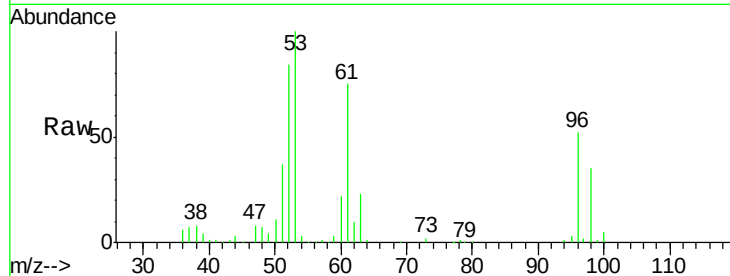
Tot Ion: 96 Resp: 28819

Ion Ratio Lower Upper

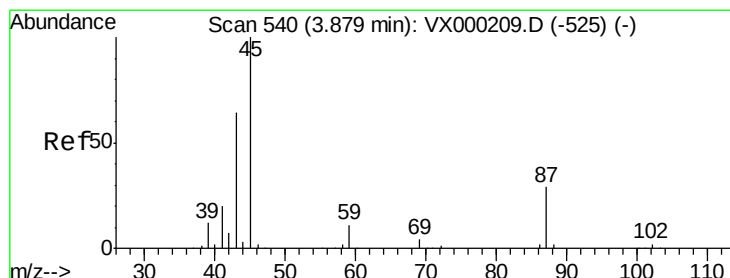
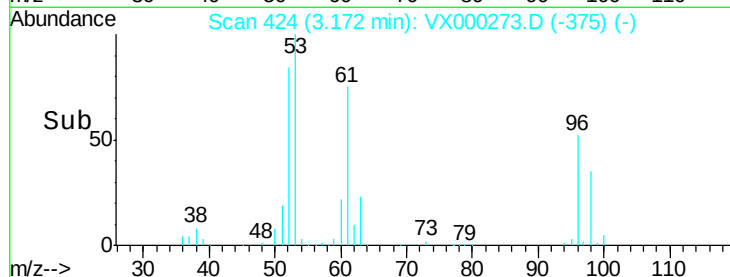
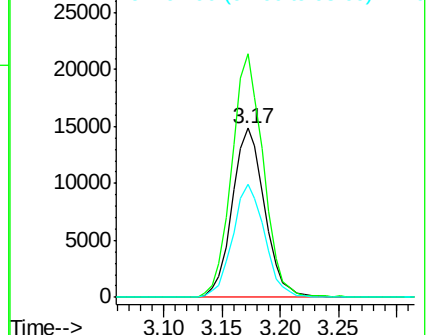
96 100

61 144.0 107.0 160.4

98 67.1 51.8 77.8



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



#22

Diisopropyl ether

Concen: 17.28 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion: 45 Resp: 73168

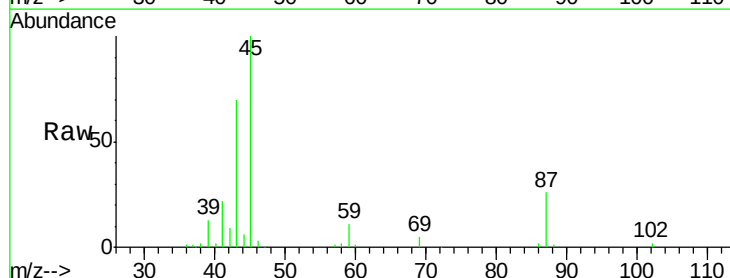
Ion Ratio Lower Upper

45 100

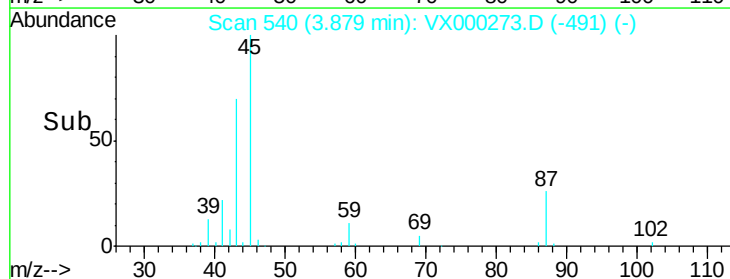
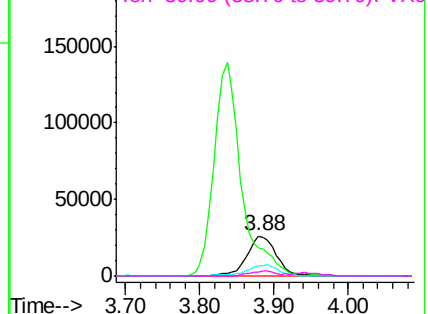
43 69.0 53.5 80.3

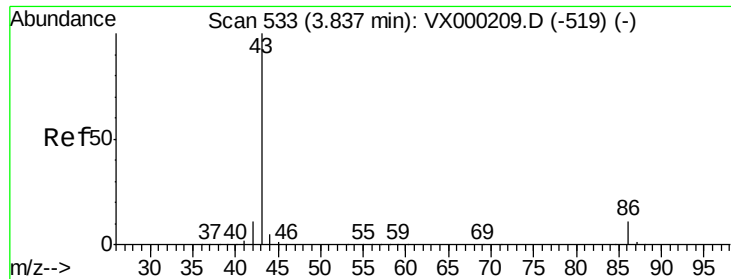
87 25.7 23.3 34.9

59 10.6 9.0 13.6



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: 87.37 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

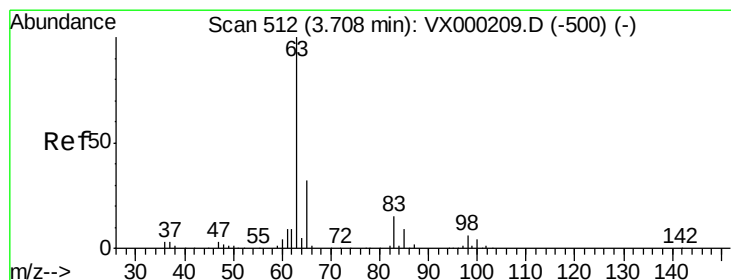
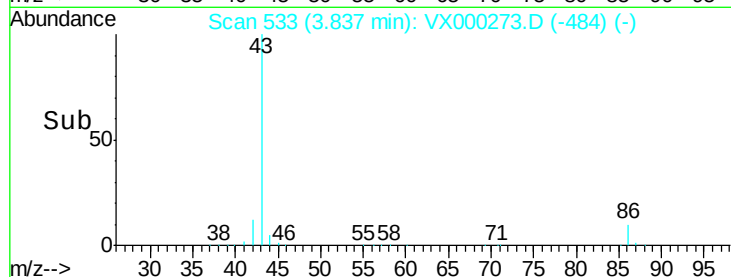
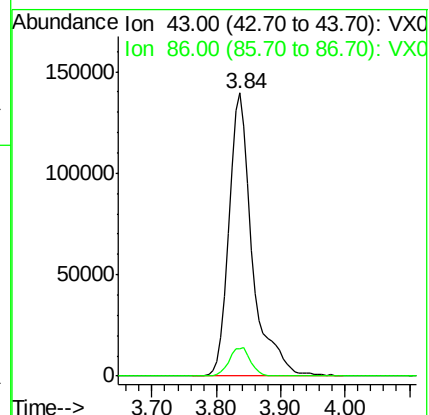
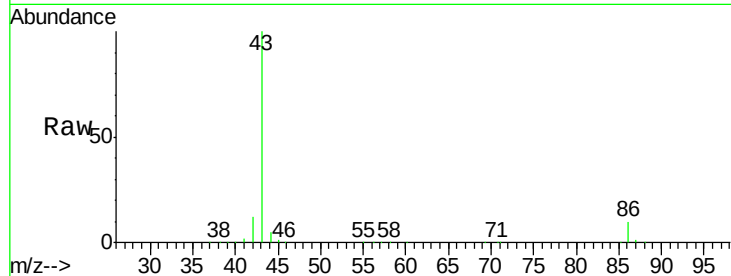
ClientSampleId :

Tot Ion: 43 Resp: 356605

Ion Ratio Lower Upper

43 100

86 9.8 8.5 12.7



#24

1,1-Dichloroethane

Concen: 20.67 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

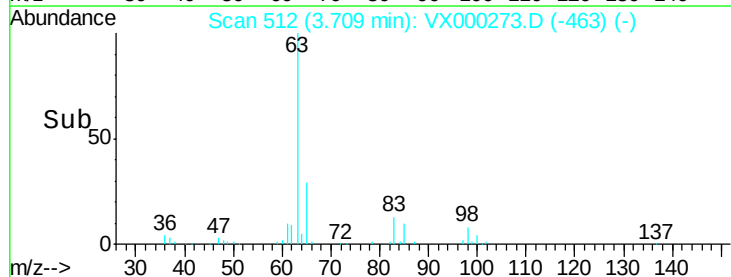
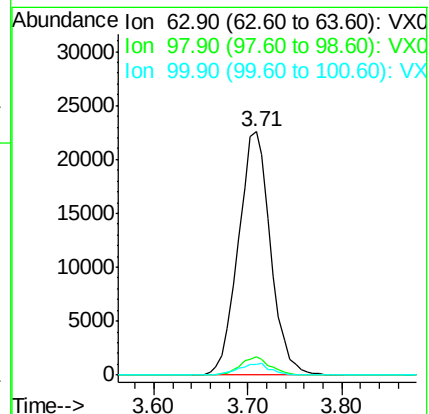
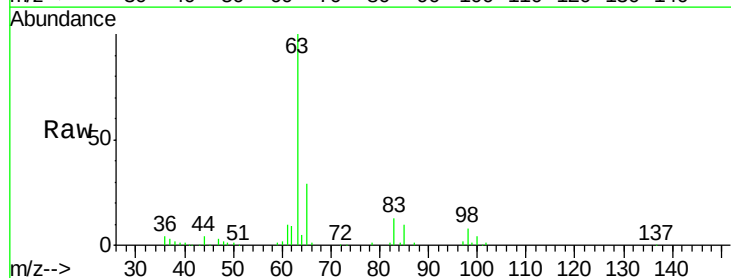
Tgt Ion: 63 Resp: 53667

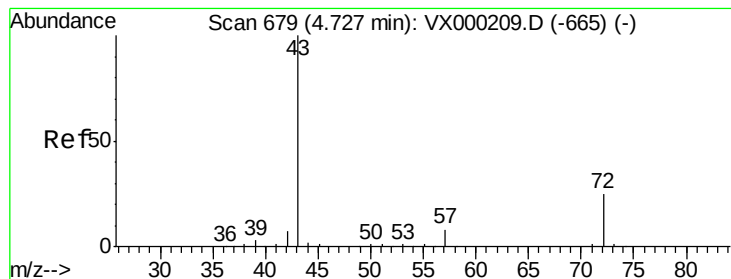
Ion Ratio Lower Upper

63 100

98 7.7 3.1 9.4

100 4.1 2.2 6.6





#25

2-Butanone

Concen: 94.10 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

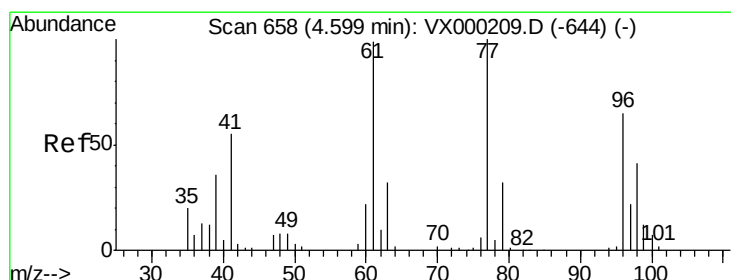
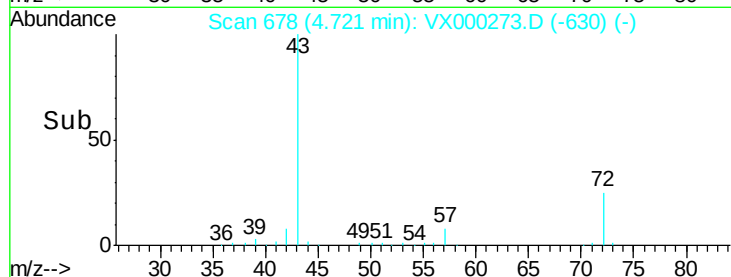
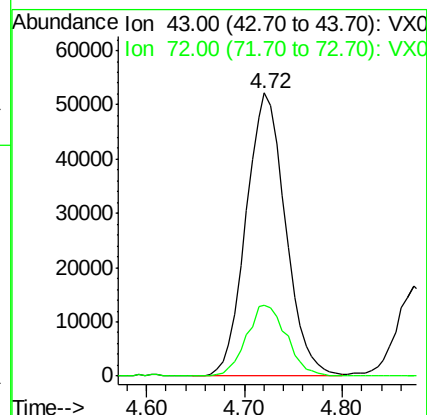
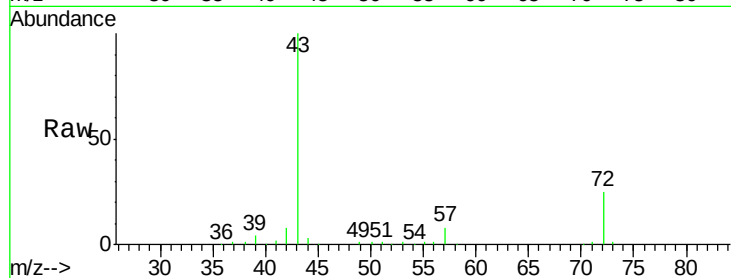
ClientSampled :

Tot Ion: 43 Resp: 146334

Ion Ratio Lower Upper

43 100

72 25.1 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.25 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000273.D

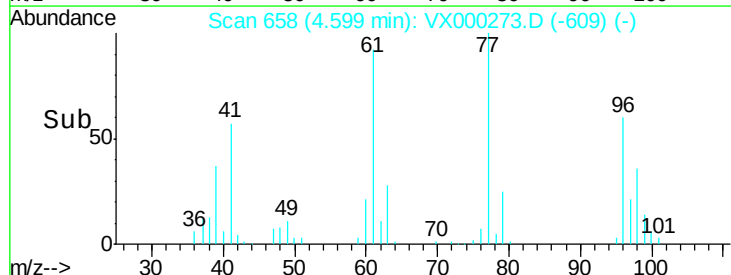
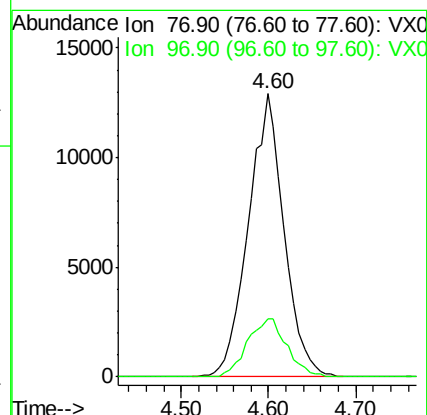
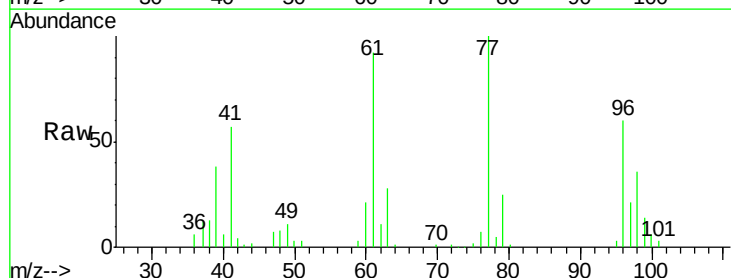
Acq: 12 Mar 2018 12:32

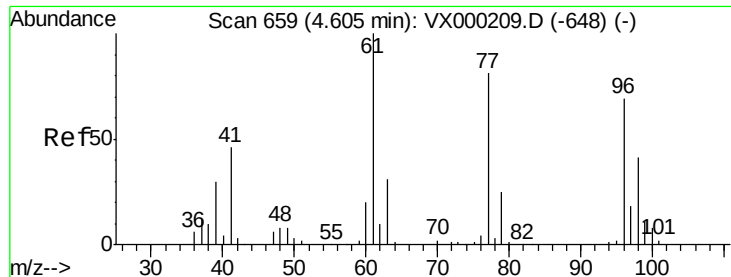
Tgt Ion: 77 Resp: 36530

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1



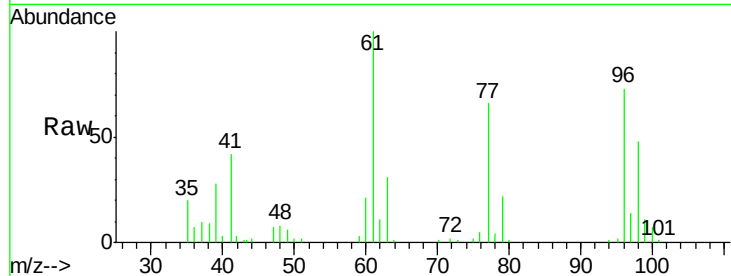


#27

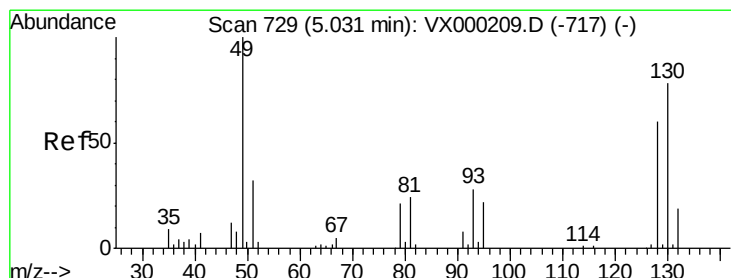
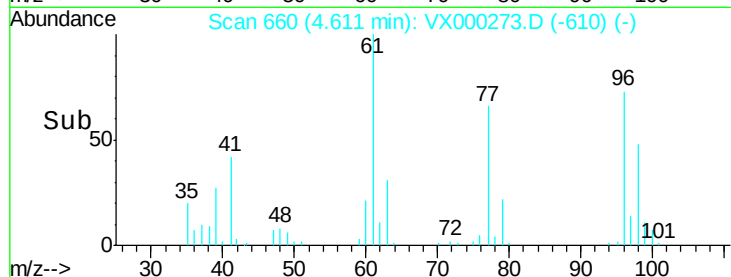
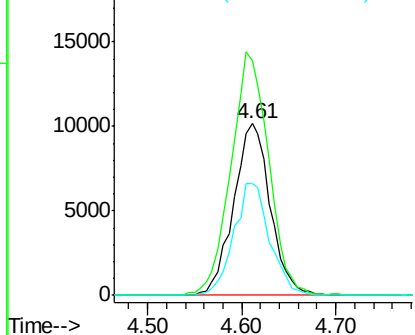
cis-1,2-Dichloroethene
Concen: 19.81 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 27575
Ion Ratio Lower Upper
96 100
61 145.9 0.0 296.4
98 64.0 0.0 130.6



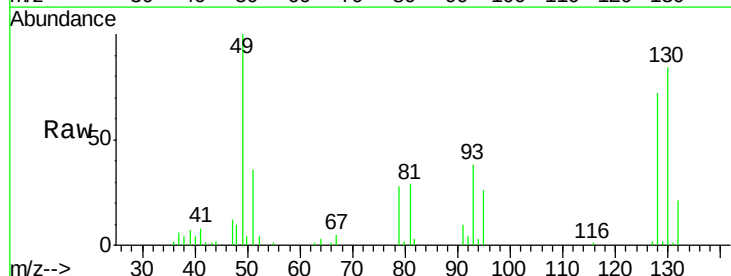
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



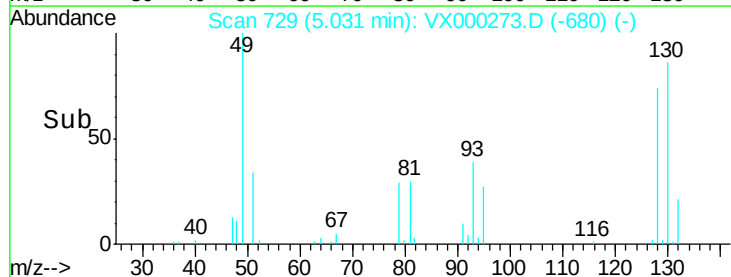
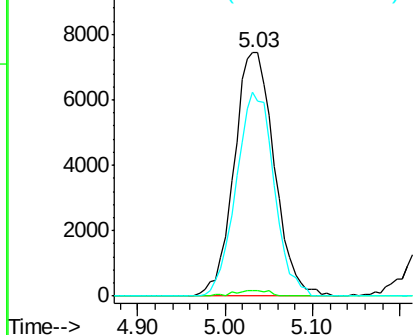
#28

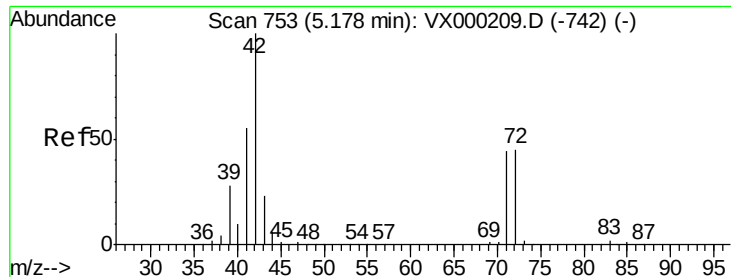
Bromochloromethane
Concen: 21.52 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 49 Resp: 23742
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.0
130 78.7 63.5 95.3



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

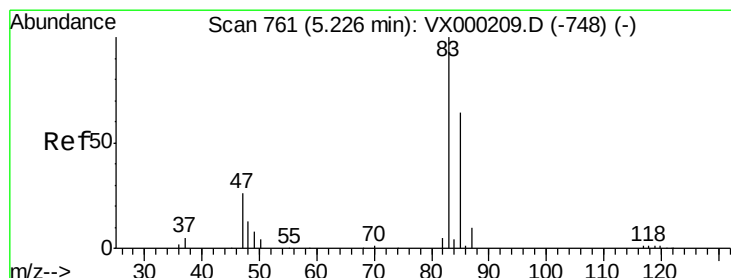
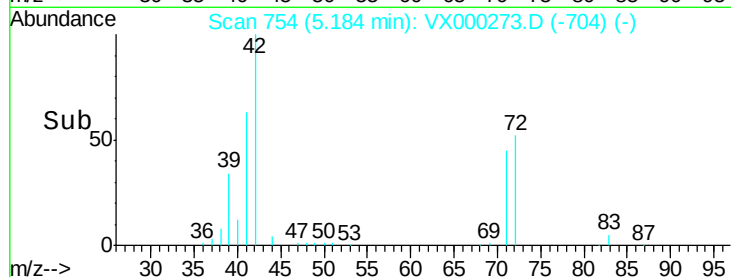
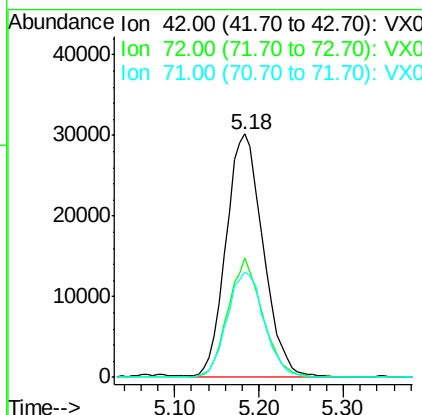
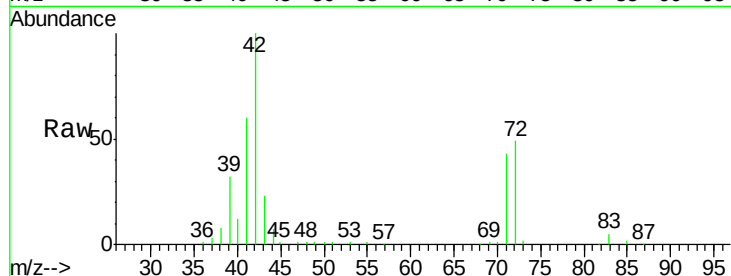




#29
Tetrahydrofuran
Concen: 92.26 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

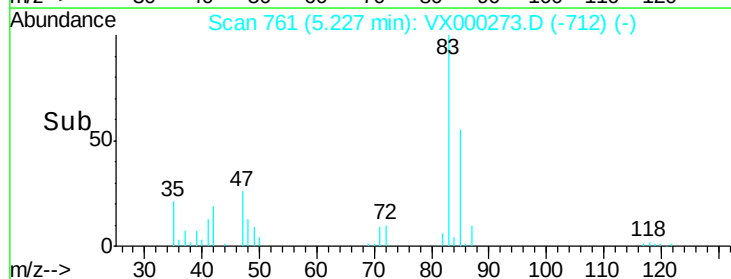
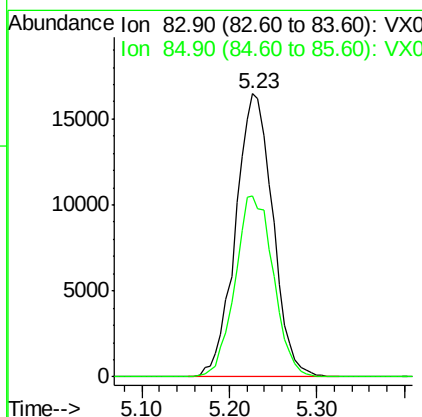
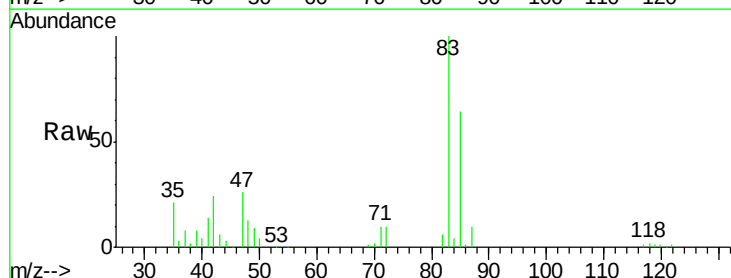
Instrument :
MSVOA_X
ClientSampled :

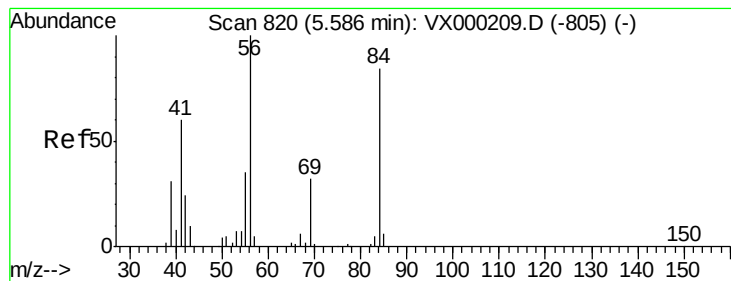
Tot Ion: 42 Resp: 90117
Ion Ratio Lower Upper
42 100
72 45.9 37.3 55.9
71 43.3 35.0 52.4



#30
Chloroform
Concen: 19.39 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 83 Resp: 48671
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.6





#31

Cyclohexane

Concen: 20.00 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

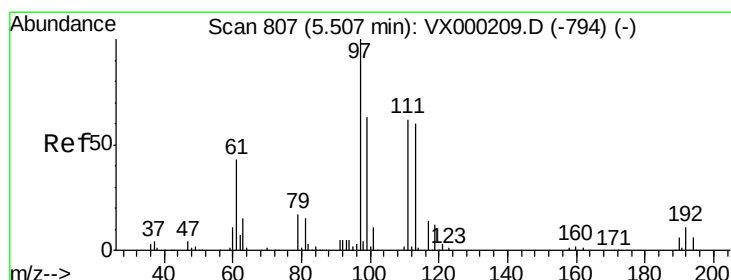
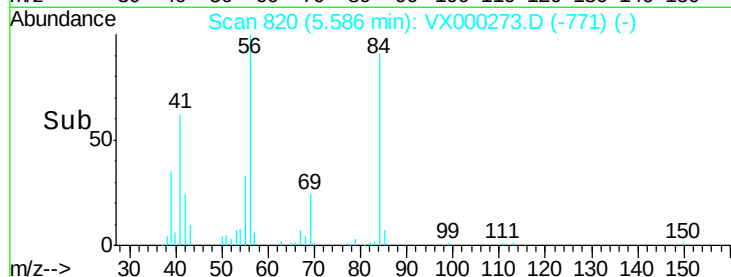
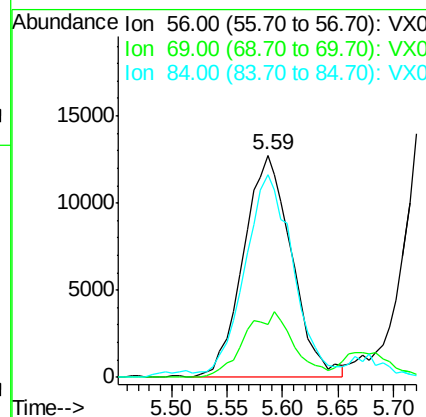
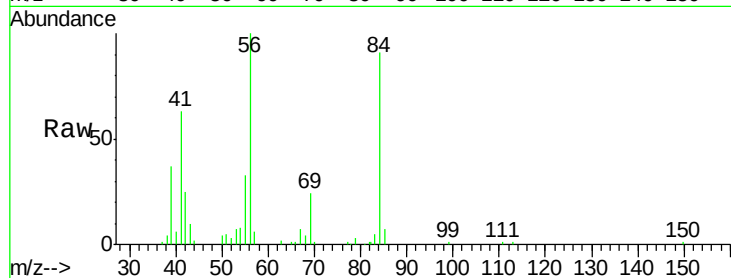
Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 38399

Ion	Ratio	Lower	Upper
56	100		
69	24.0	25.3	37.9#
84	89.2	67.2	100.8



#32

1,1,1-Trichloroethane

Concen: 20.37 ug/l

RT: 5.51 min Scan# 808

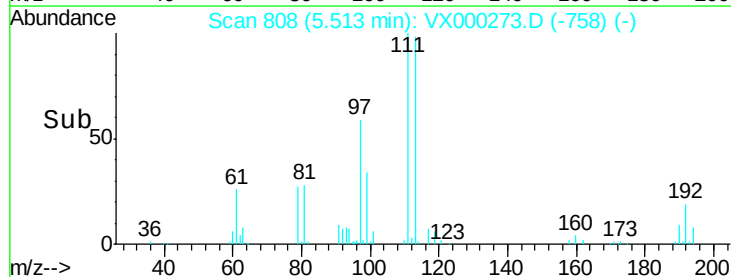
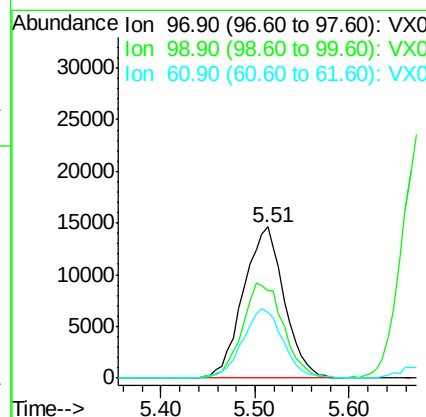
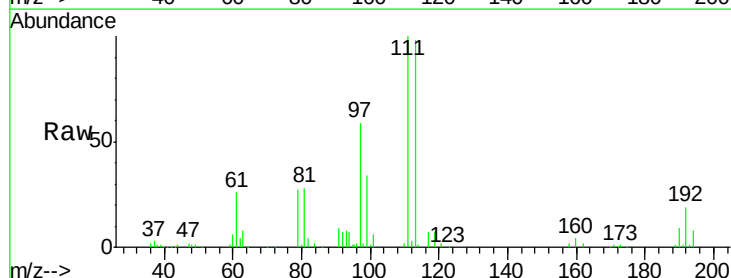
Delta R.T. 0.01 min

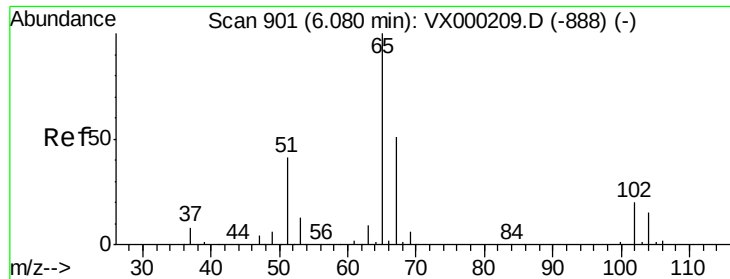
Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion: 97 Resp: 44323

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.9	76.3
61	45.2	35.4	53.0

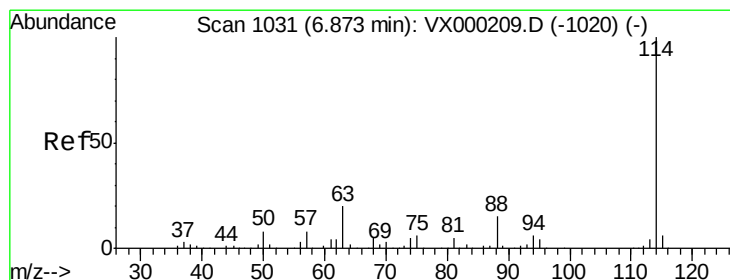
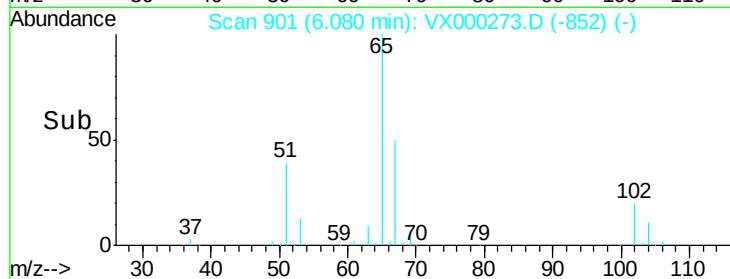
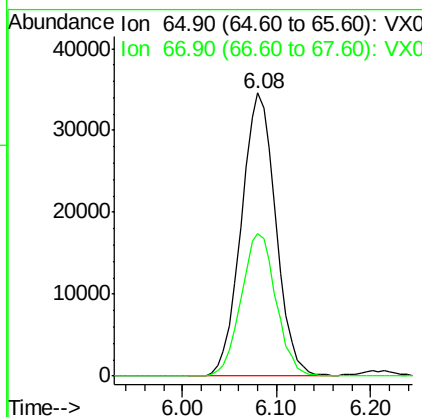
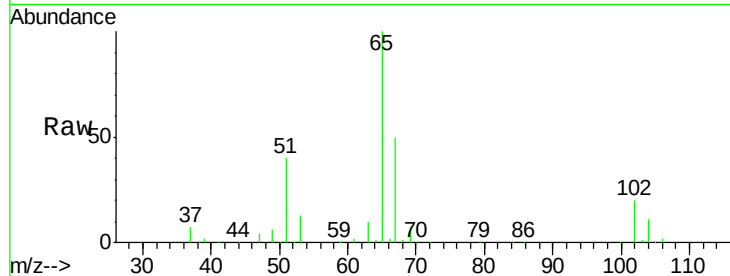




#33
 1,2-Dichloroethane-d4
 Concen: 50.60 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

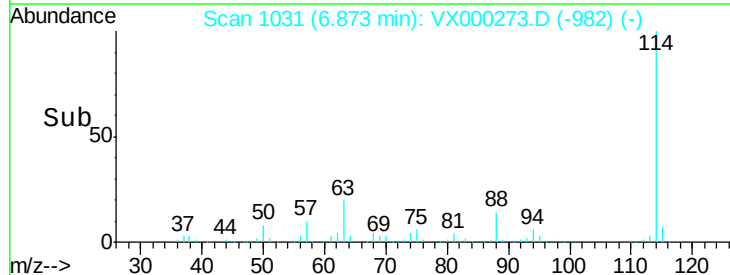
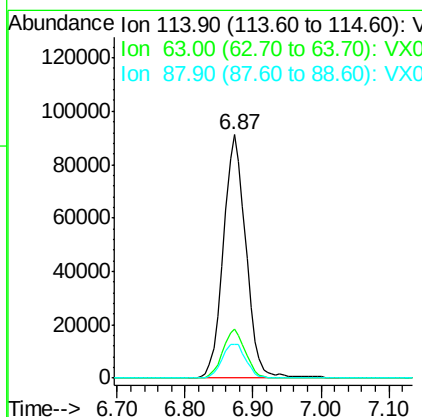
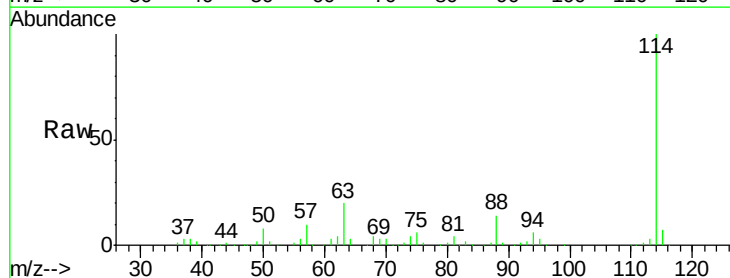
Instrument :
 MSVOA_X
 ClientSampleId :

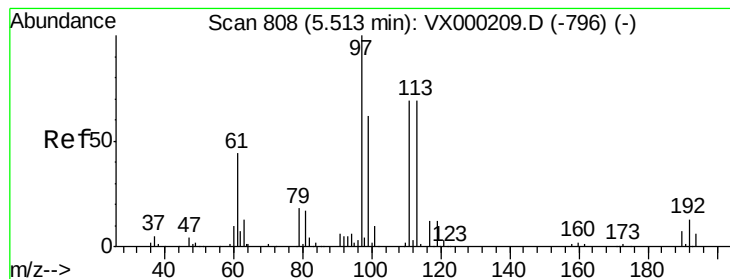
Tot Ion: 65 Resp: 88783
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion: 114 Resp: 210270
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.2
 88 13.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 52.19 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

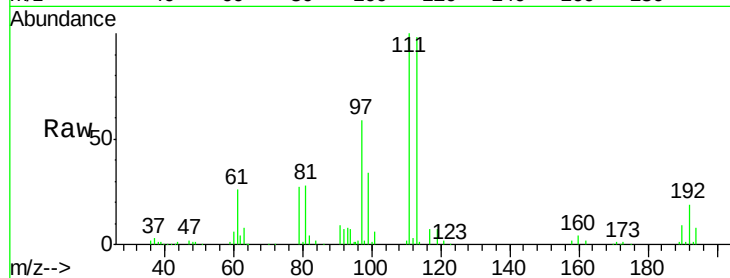
Tot Ion:113 Resp: 68934

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.6

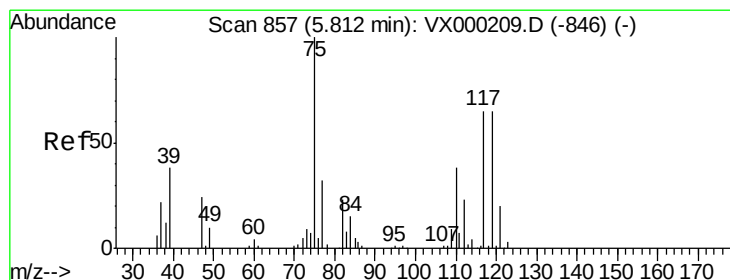
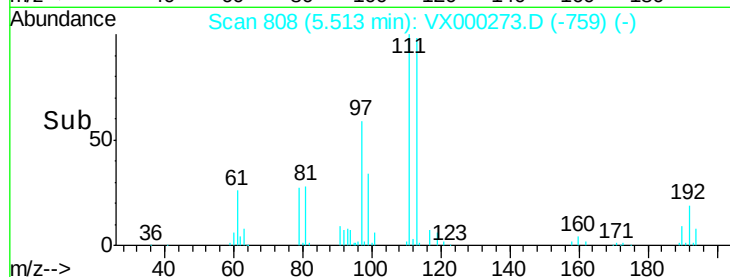
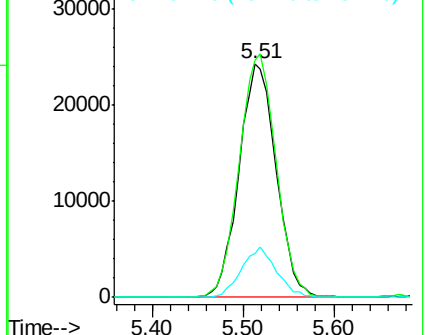
192 20.2 15.5 23.3



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: 19.56 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

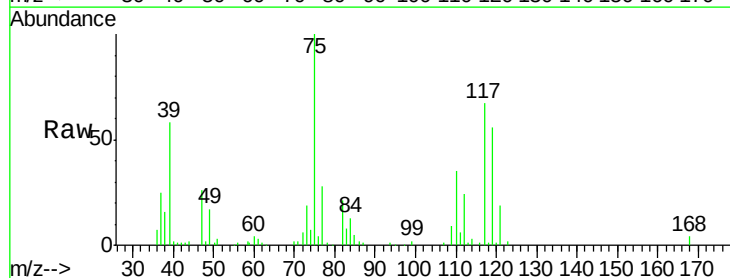
Tgt Ion: 75 Resp: 36594

Ion Ratio Lower Upper

75 100

110 36.4 17.8 53.5

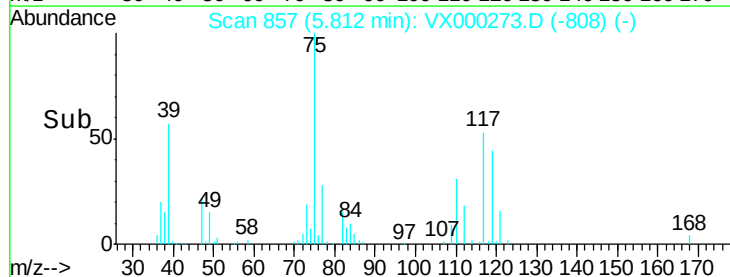
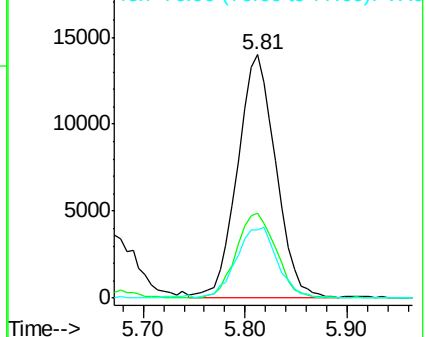
77 31.0 24.9 37.3

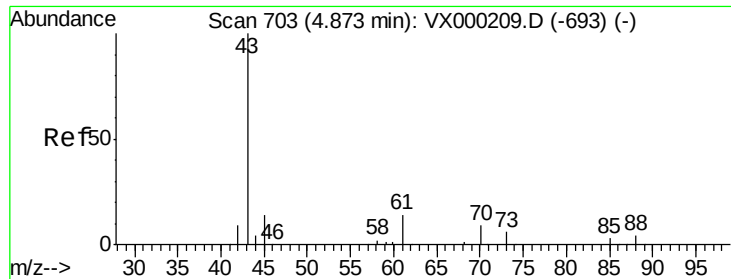


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

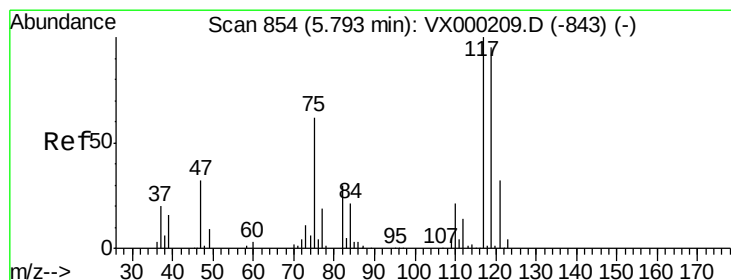
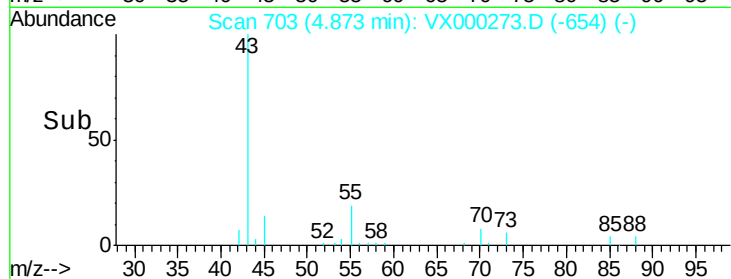
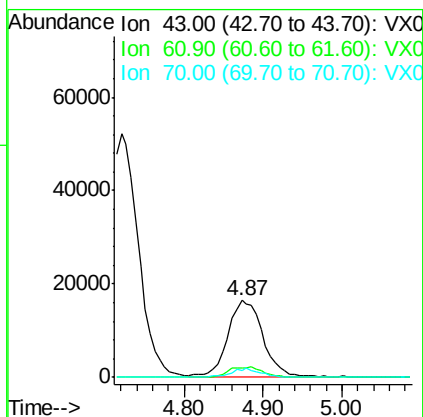
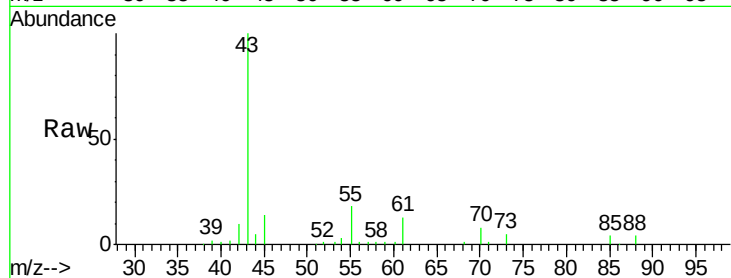




#37
Ethyl Acetate
Concen: 18.61 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

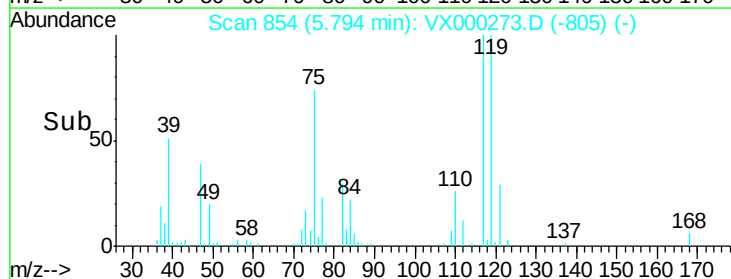
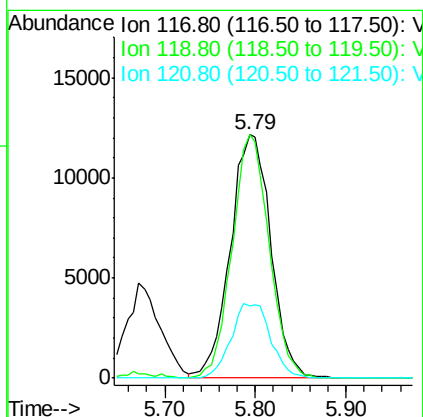
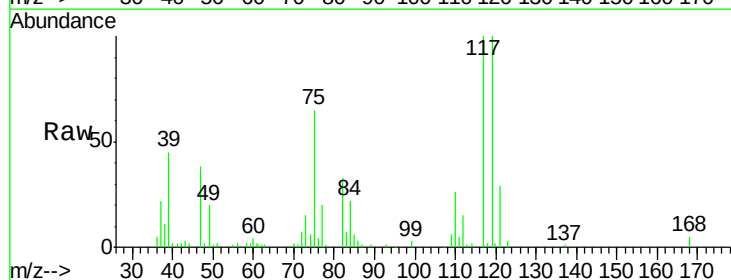
Instrument :
MSVOA_X
ClientSampleId :

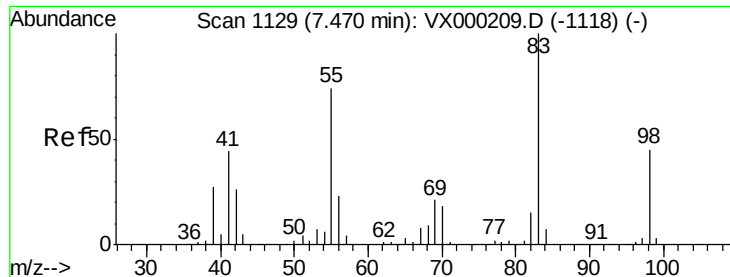
Tot Ion: 43 Resp: 50308
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 9.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 19.85 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 117 Resp: 37591
Ion Ratio Lower Upper
117 100
119 100.1 75.9 113.9
121 29.5 25.8 38.6

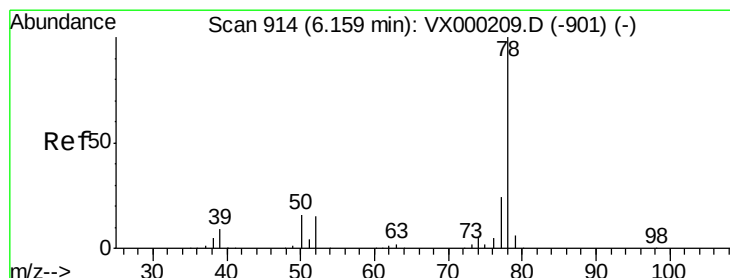
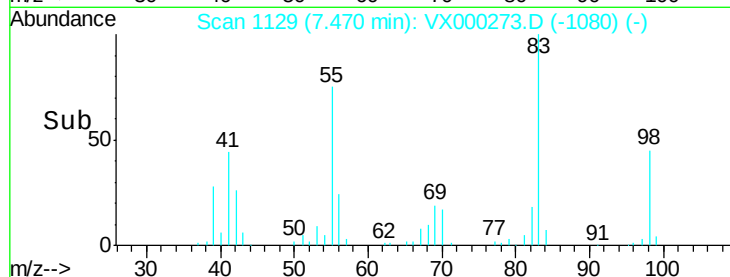
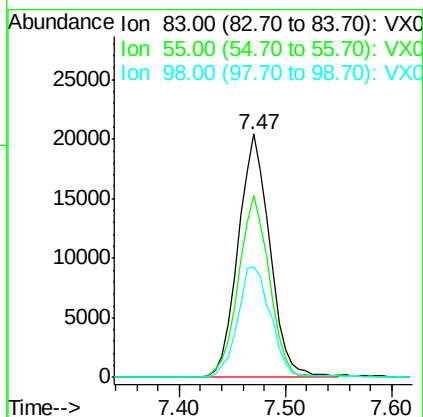
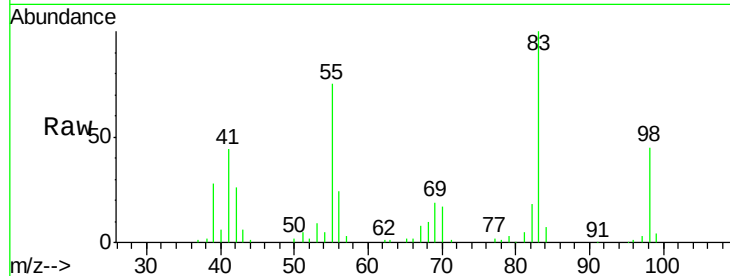




#39
Methylvlcyclohexane
Concen: 18.65 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

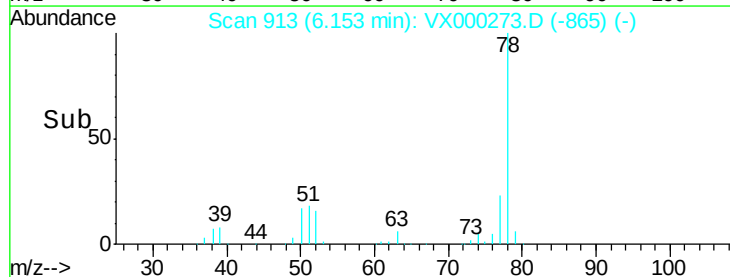
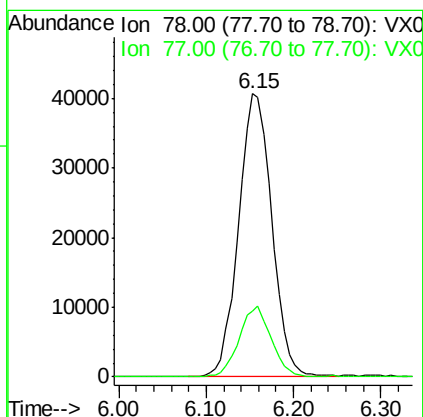
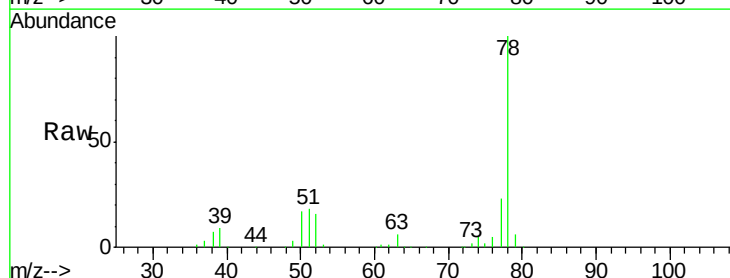
Instrument :
MSVOA_X
ClientSampled :

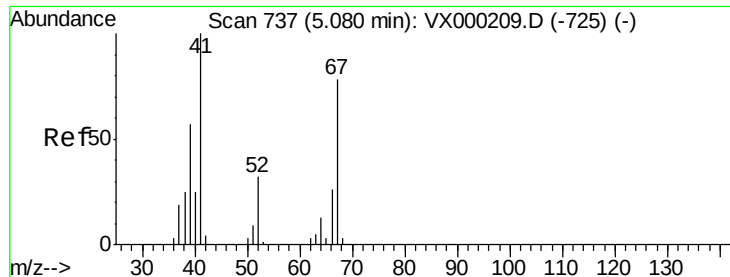
Tot Ion: 83 Resp: 42807
Ion Ratio Lower Upper
83 100
55 75.0 59.4 89.0
98 45.3 36.3 54.5



#40
Benzene
Concen: 19.96 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 78 Resp: 107723
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.2

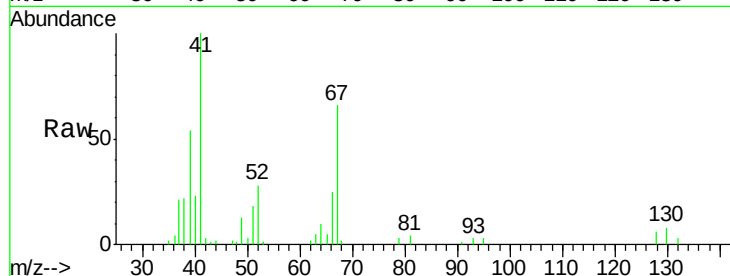




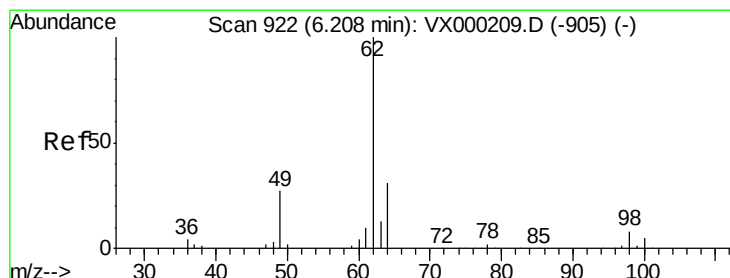
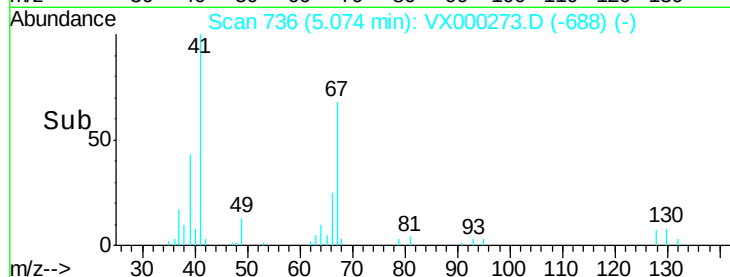
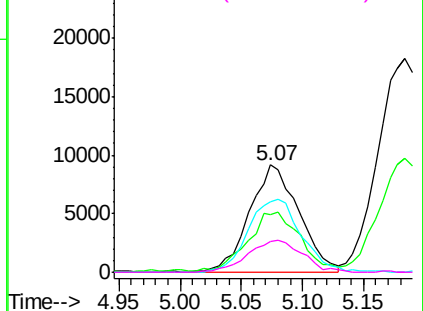
#41
Methacrylonitrile
Concen: 18.76 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 25856
Ion Ratio Lower Upper
41 100
39 57.4 47.8 71.6
67 73.0 59.3 88.9
52 32.6 26.4 39.6

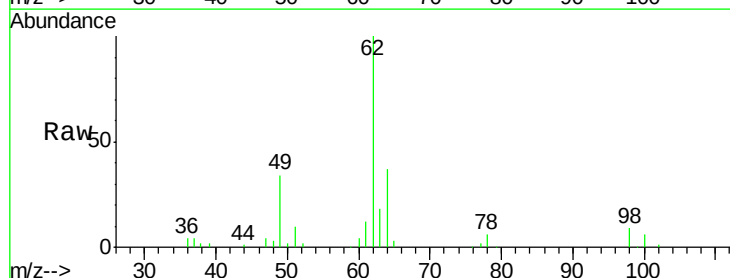


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

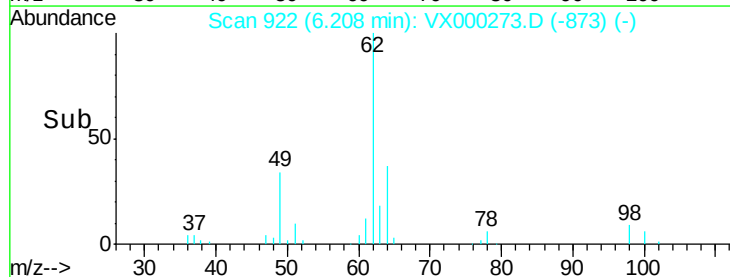
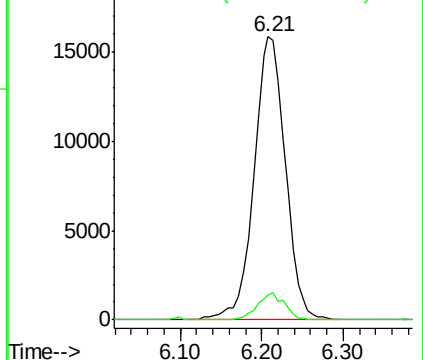


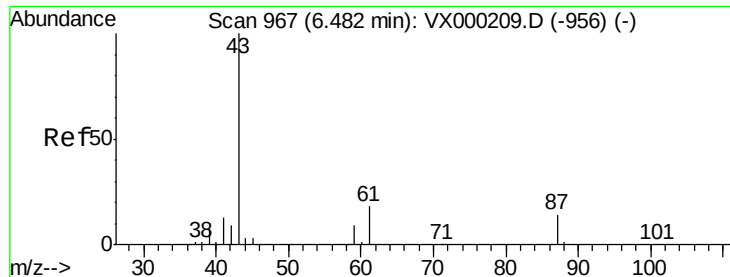
#42
1,2-Dichloroethane
Concen: 20.06 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 62 Resp: 42461
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.37 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

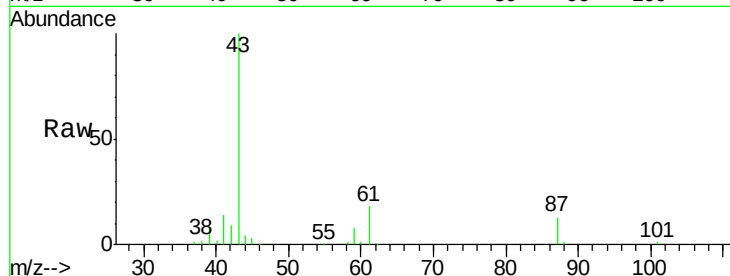
Tot Ion: 43 Resp: 75707

Ion Ratio Lower Upper

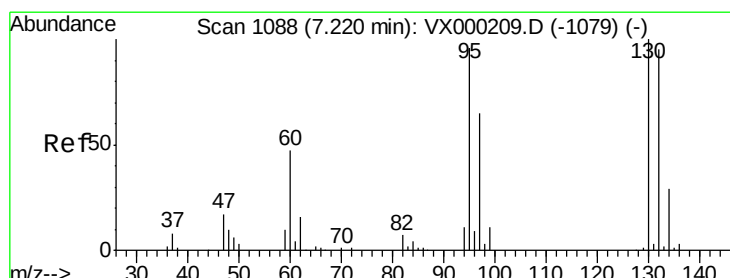
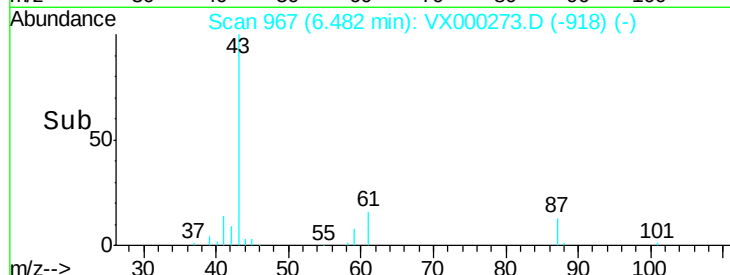
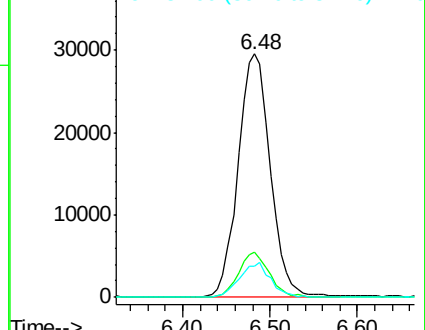
43 100

61 17.9 14.8 22.2

87 13.6 10.6 16.0



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: 19.53 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000273.D

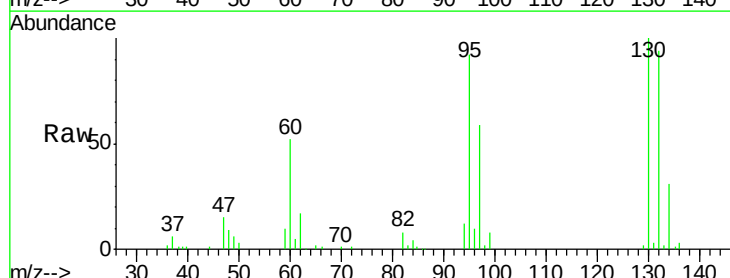
Acq: 12 Mar 2018 12:32

Tgt Ion:130 Resp: 30167

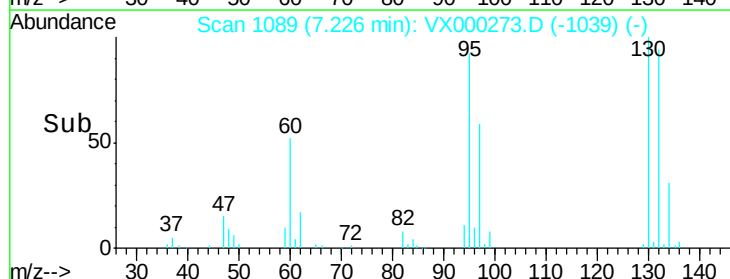
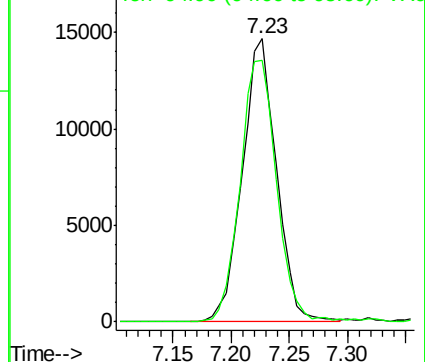
Ion Ratio Lower Upper

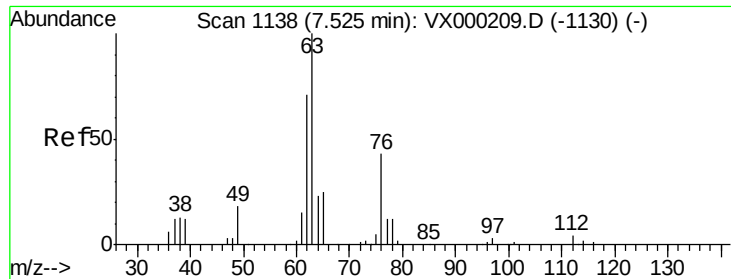
130 100

95 92.5 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

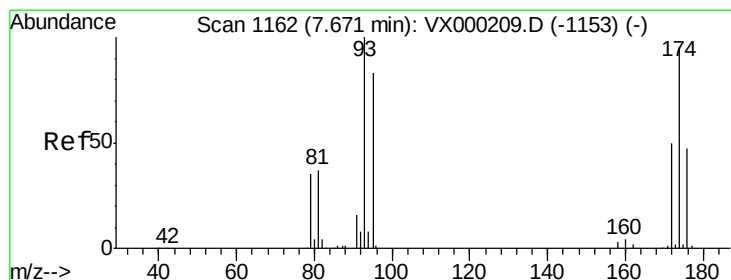
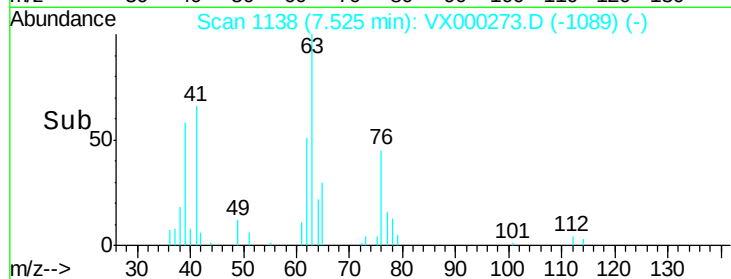
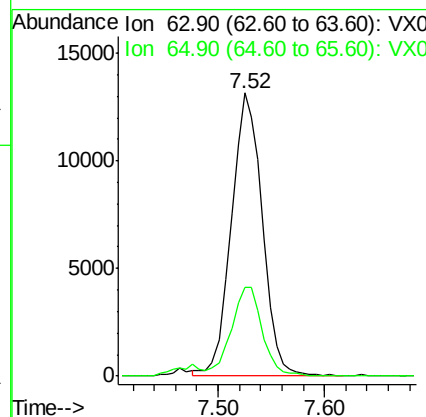
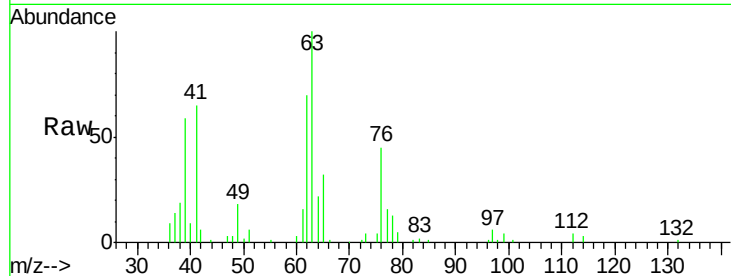




#45
 1,2-Dichloropropane
 Concen: 19.63 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

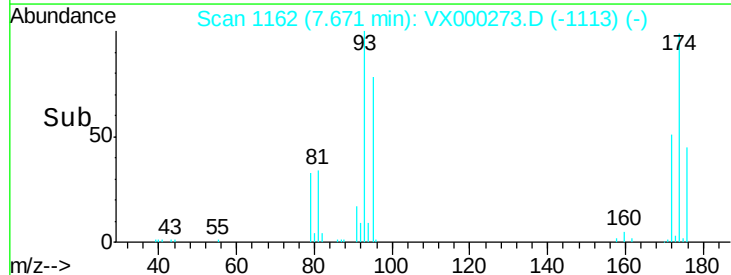
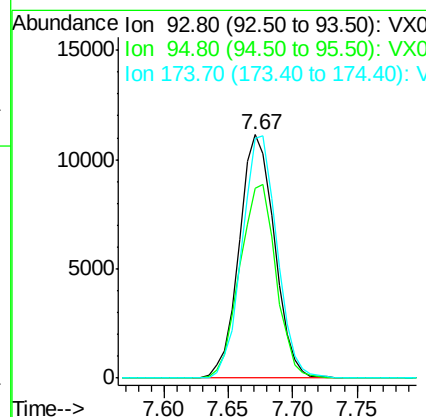
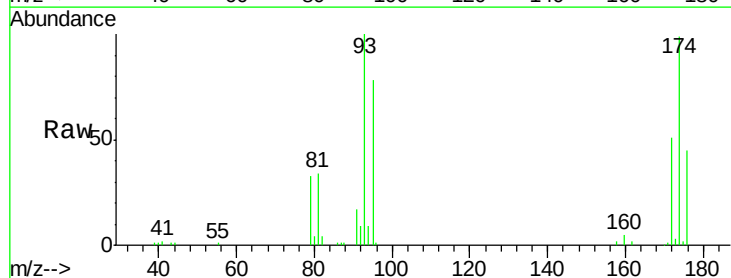
Instrument :
 MSVOA_X
 ClientSampled :

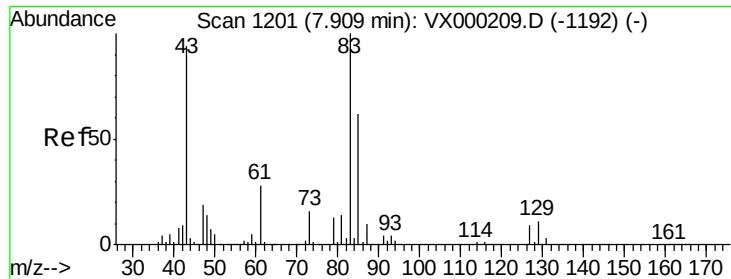
Tot Ion: 63 Resp: 26833
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.3 33.5



#46
 Dibromomethane
 Concen: 19.58 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion: 93 Resp: 21176
 Ion Ratio Lower Upper
 93 100
 95 81.2 64.1 96.1
 174 98.1 75.8 113.8





#47

Bromodichloromethane

Concen: 19.49 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

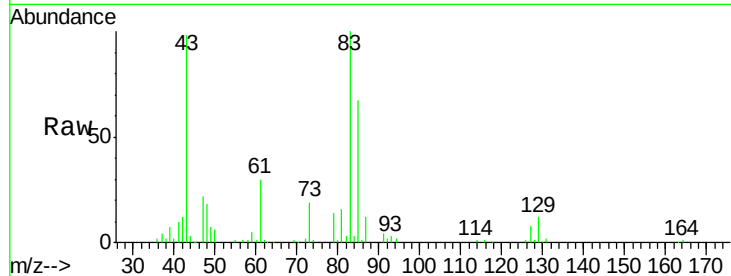
Tot Ion: 83 Resp: 37073

Ion Ratio Lower Upper

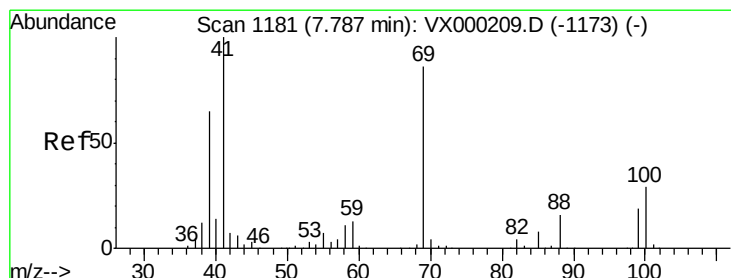
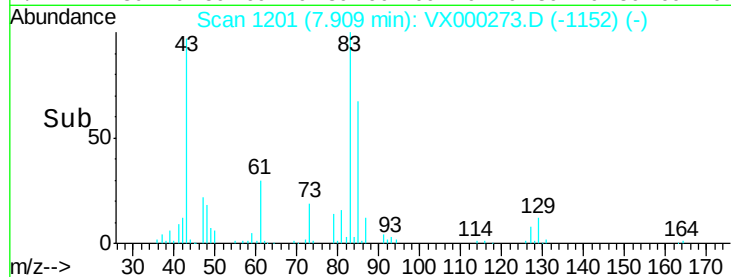
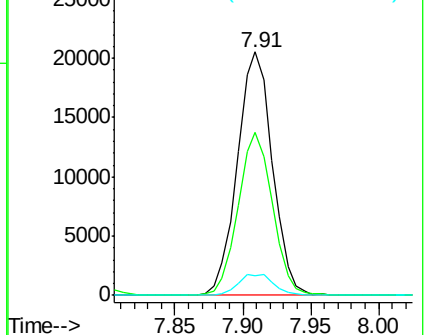
83 100

85 67.1 49.6 74.4

127 8.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.49 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

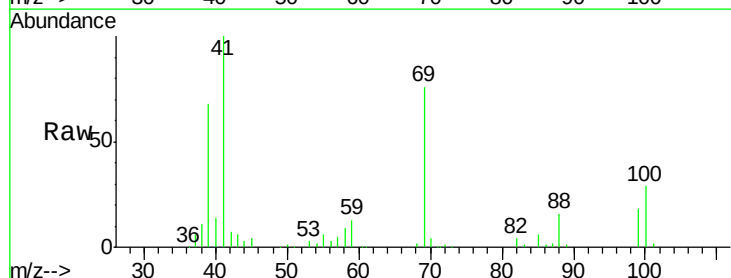
Tgt Ion: 41 Resp: 37524

Ion Ratio Lower Upper

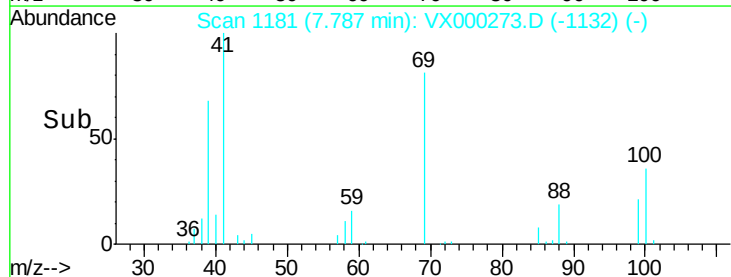
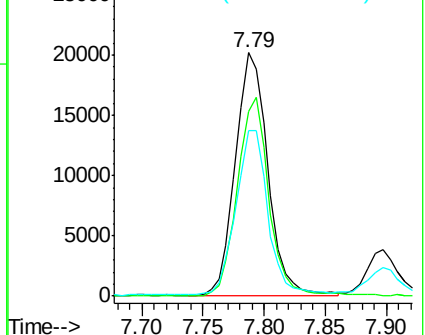
41 100

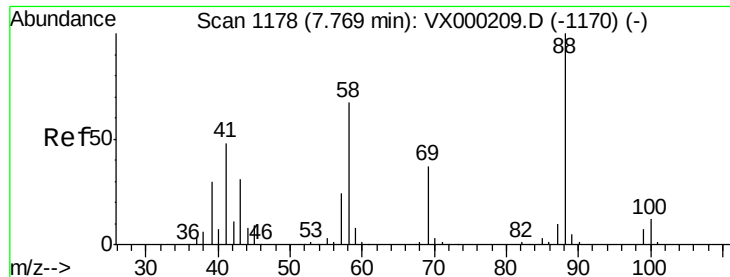
69 79.5 70.0 105.0

39 66.1 53.6 80.4



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

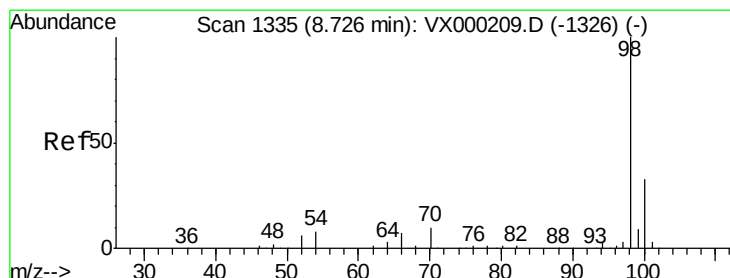
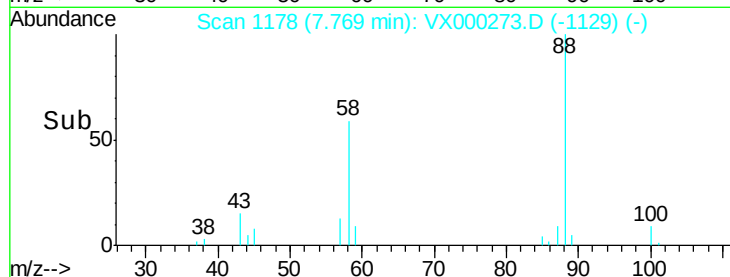
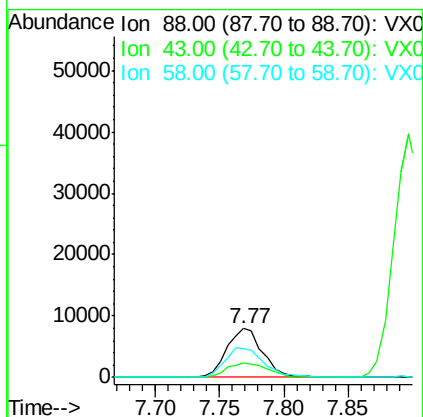
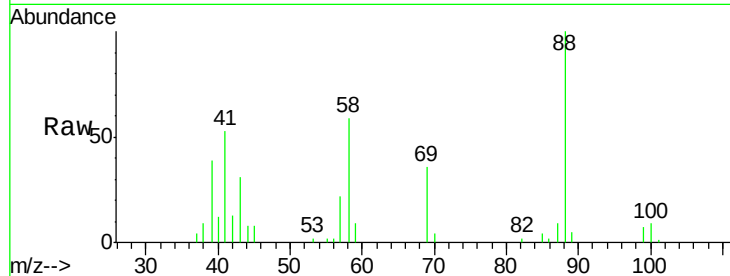




#49
1,4-Dioxane
Concen: 348.83 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

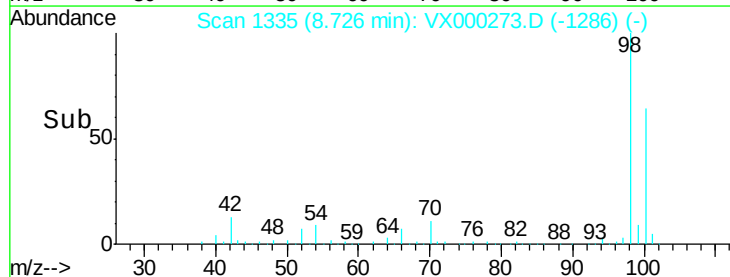
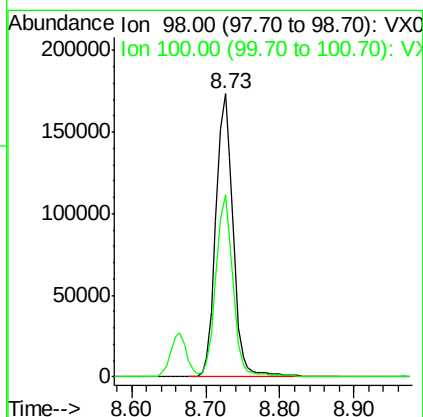
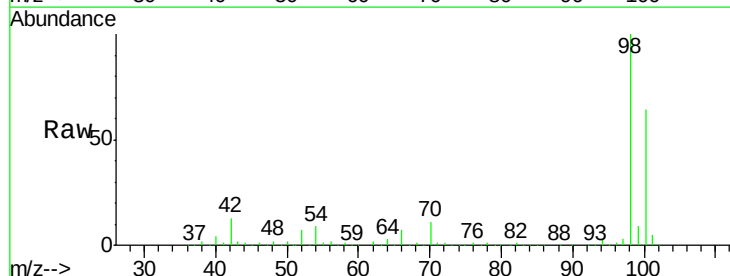
Instrument :
MSVOA_X
ClientSampled :

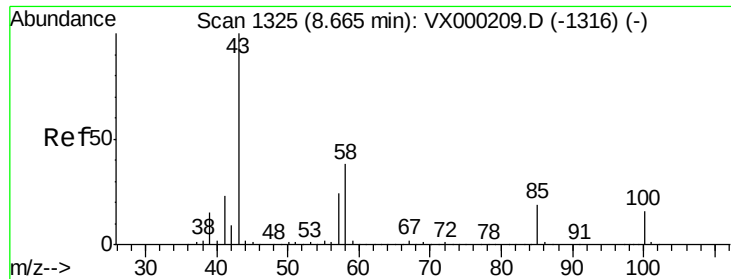
Tot Ion: 88 Resp: 15248
Ion Ratio Lower Upper
88 100
43 34.4 26.9 40.3
58 66.5 52.2 78.4



#50
Toluene-d8
Concen: 50.69 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 98 Resp: 277287
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 96.61 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

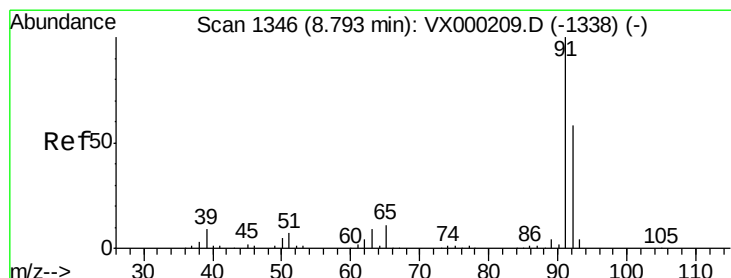
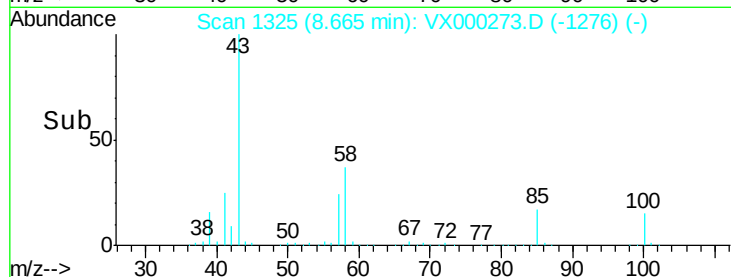
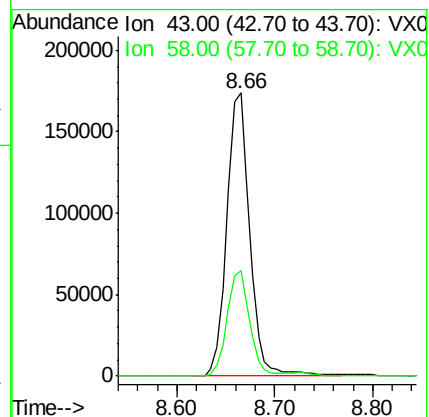
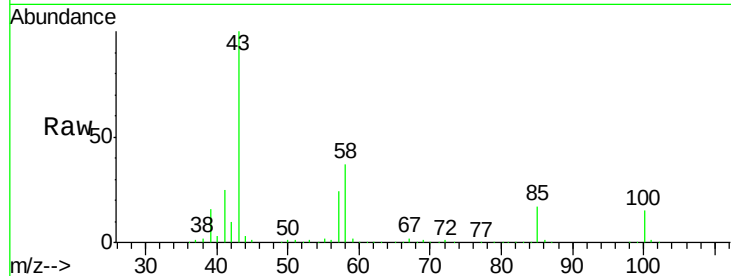
ClientSampleId :

Tot Ion: 43 Resp: 285050

Ion Ratio Lower Upper

43 100

58 36.5 30.2 45.2



#52

Toluene

Concen: 20.02 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000273.D

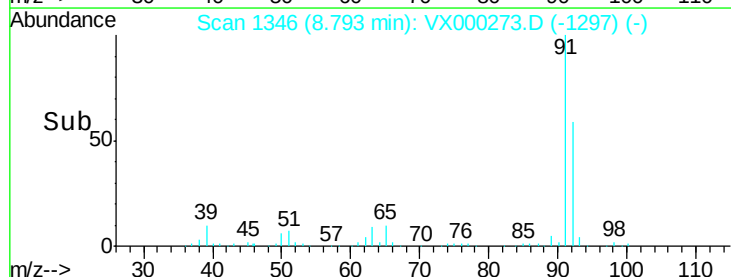
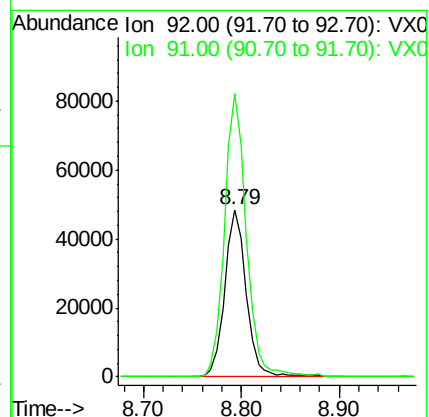
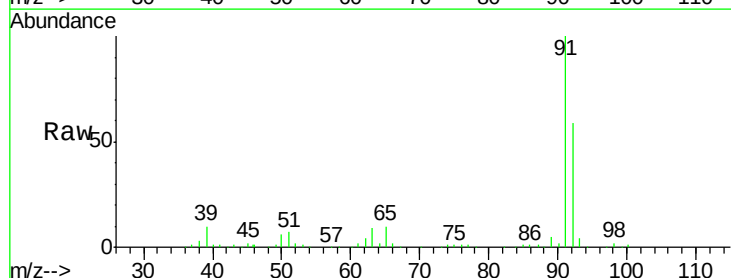
Acq: 12 Mar 2018 12:32

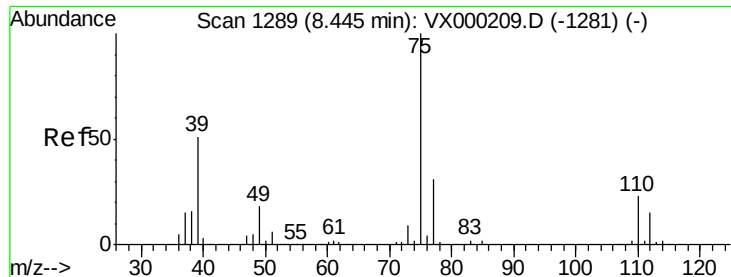
Tgt Ion: 92 Resp: 74042

Ion Ratio Lower Upper

92 100

91 172.2 139.0 208.6

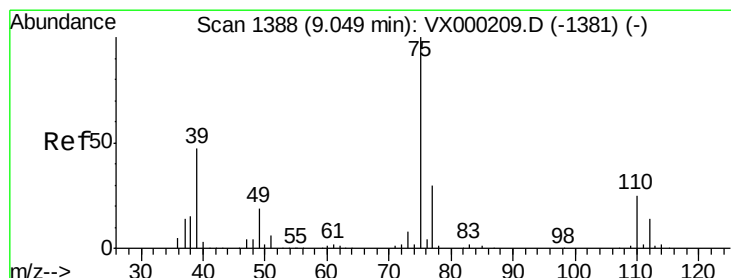
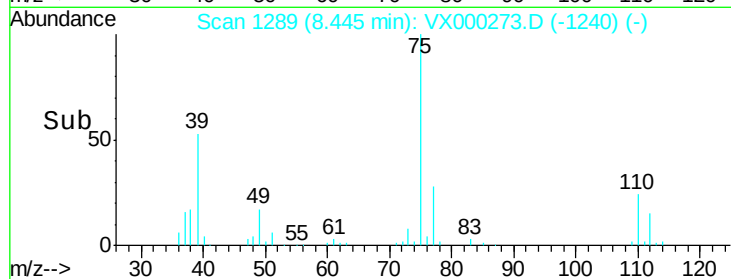
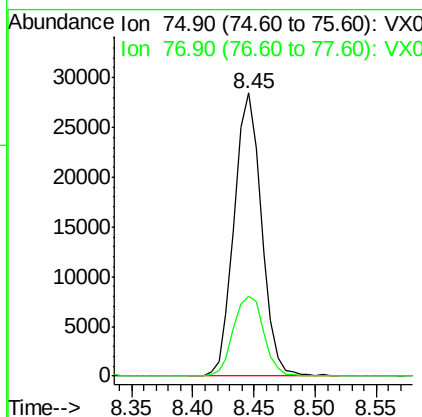
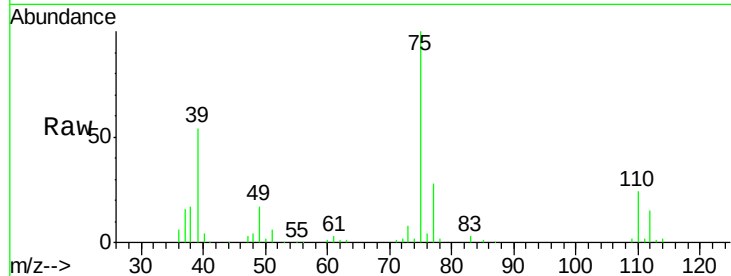




#53
t-1,3-Dichloropropene
Concen: 19.70 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

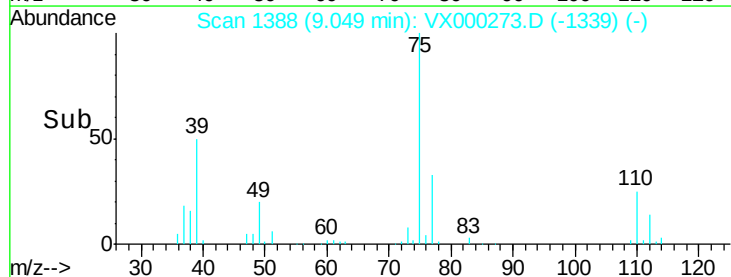
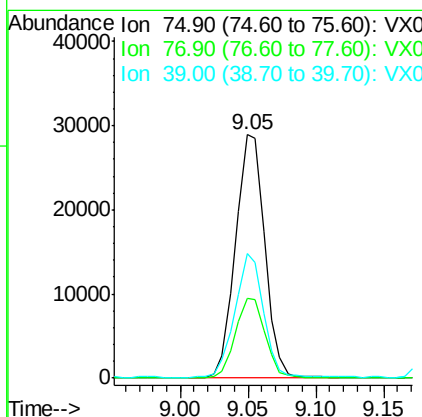
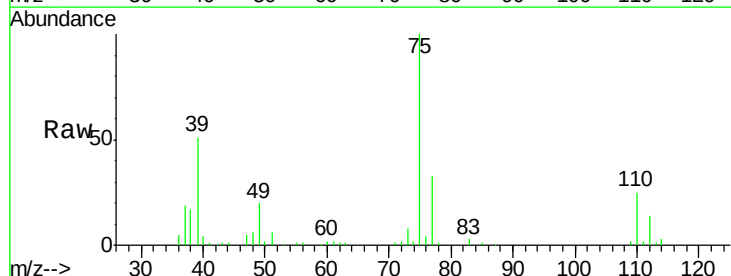
Instrument :
MSVOA_X
ClientSampled :

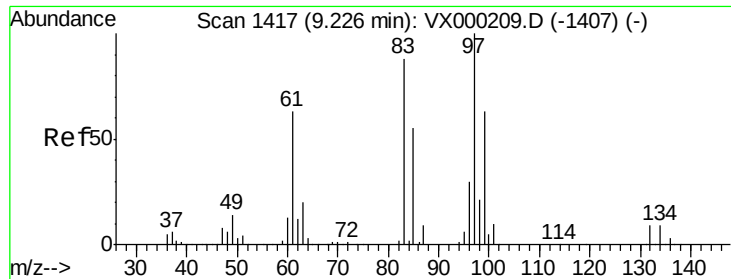
Tot Ion: 75 Resp: 44152
Ion Ratio Lower Upper
75 100
77 28.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 20.01 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 75 Resp: 43383
Ion Ratio Lower Upper
75 100
77 32.9 23.9 35.9
39 51.2 37.4 56.2

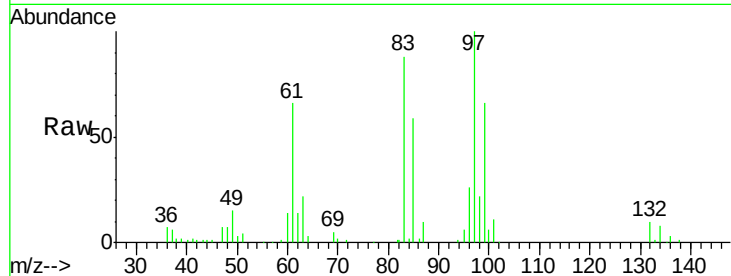




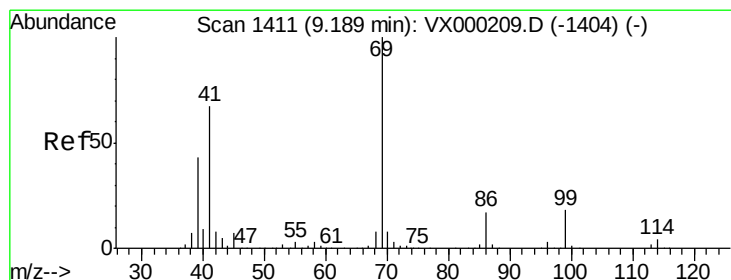
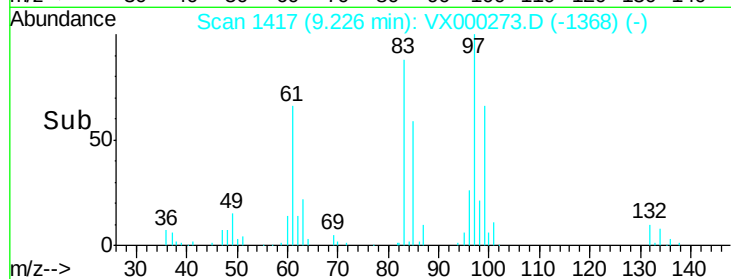
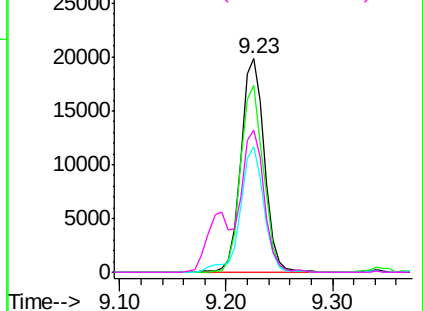
#55
 1,1,2-Trichloroethane
 Concen: 20.46 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	30646
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.4	105.6
85	58.6	43.9	65.9
99	66.5	50.5	75.7

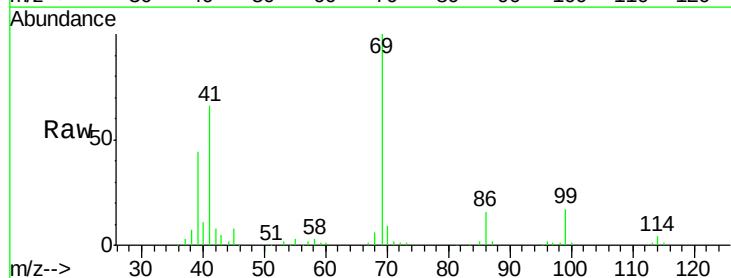


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

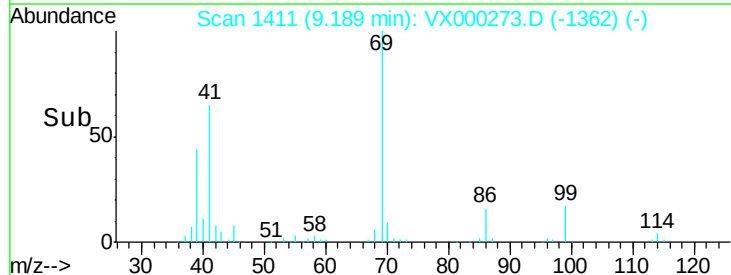
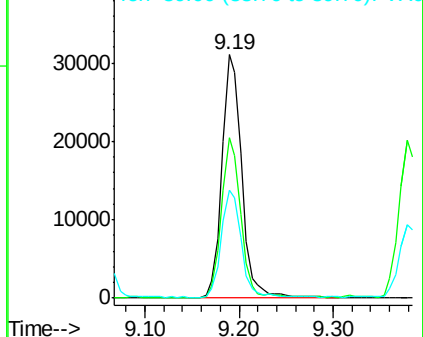


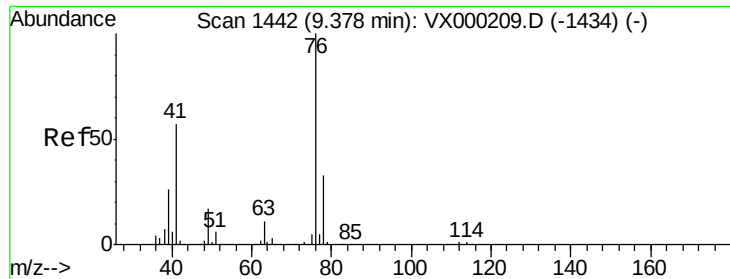
#56
 Ethyl methacrylate
 Concen: 20.25 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion:	69	Resp:	45406
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	44.4	34.3	51.5



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

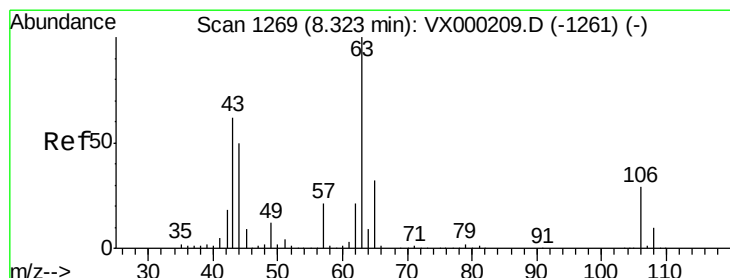
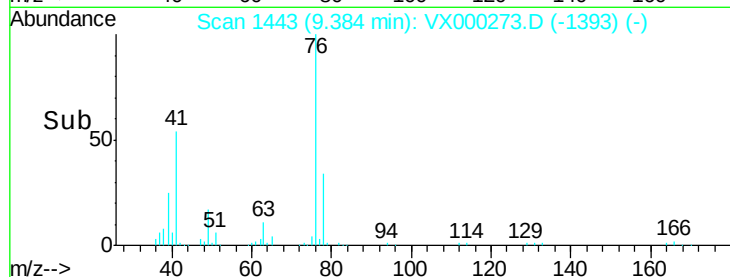
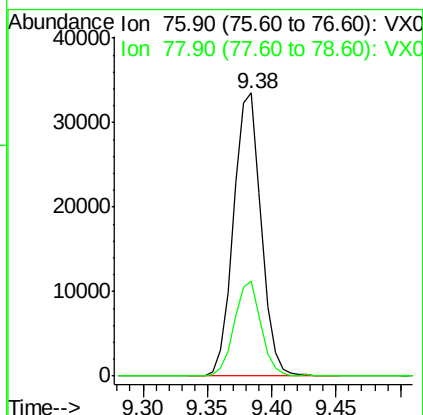
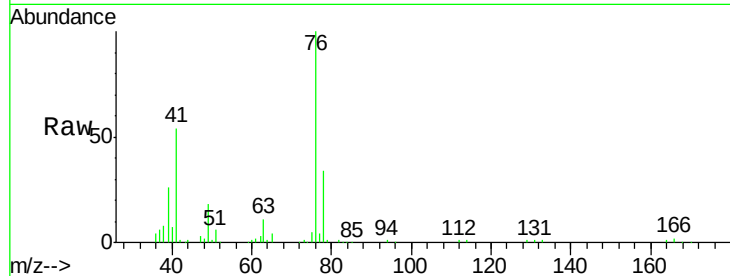




#57
 1,3-Dichloropropane
 Concen: 19.89 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

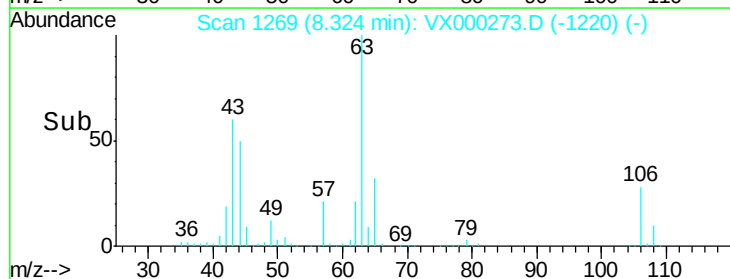
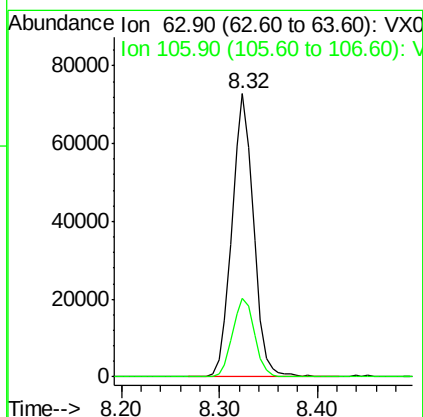
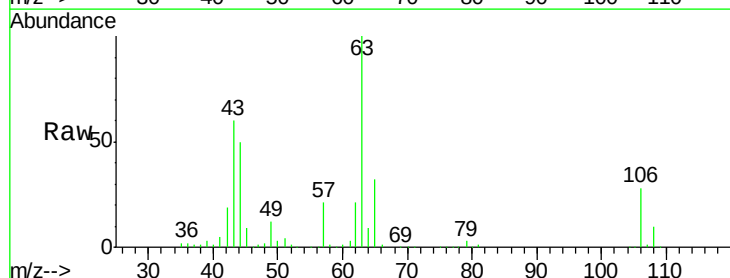
Instrument :
 MSVOA_X
 ClientSampleId :

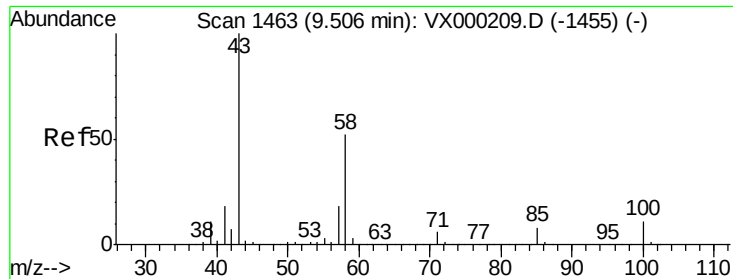
Tot Ion: 76 Resp: 50035
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.57 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion: 63 Resp: 111556
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8

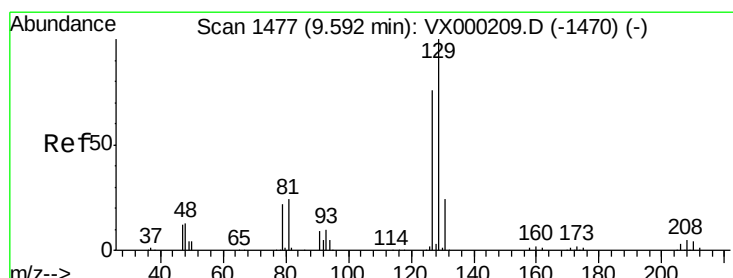
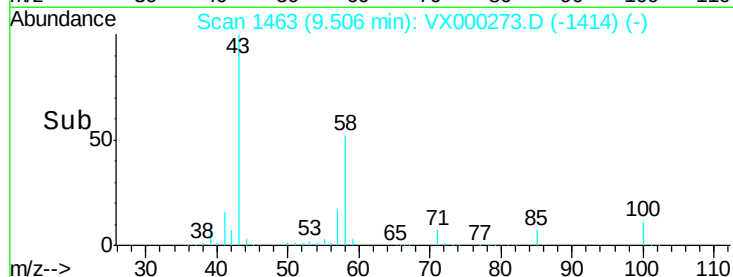
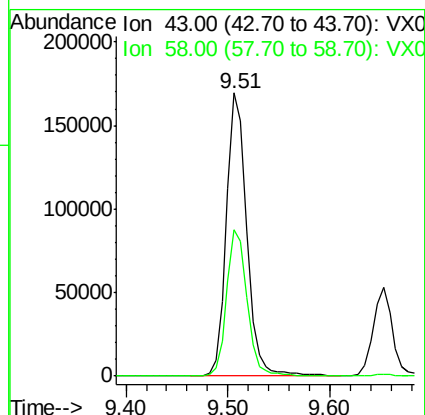
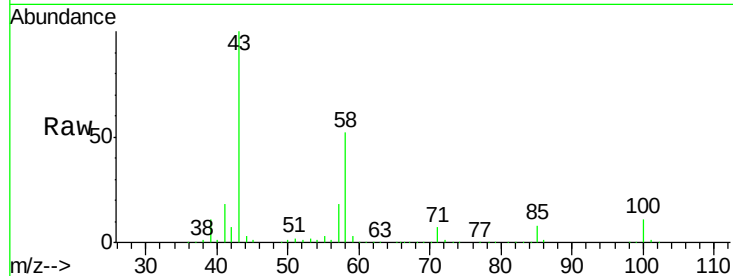




#59
2-Hexanone
Concen: 93.80 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

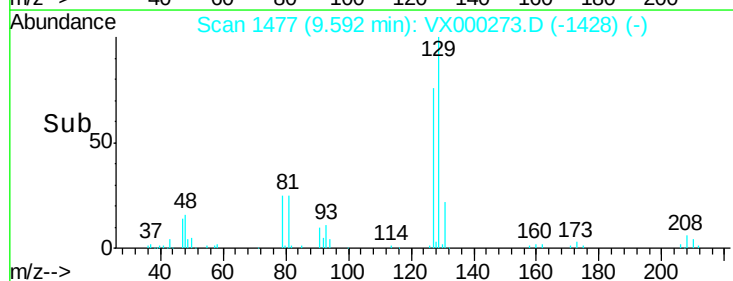
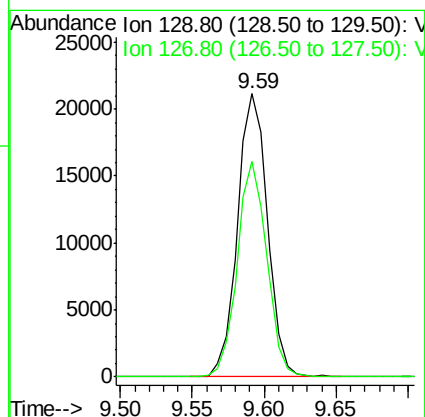
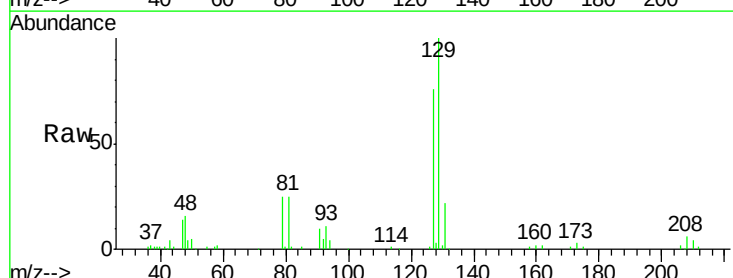
Instrument :
MSVOA_X
ClientSampleId :

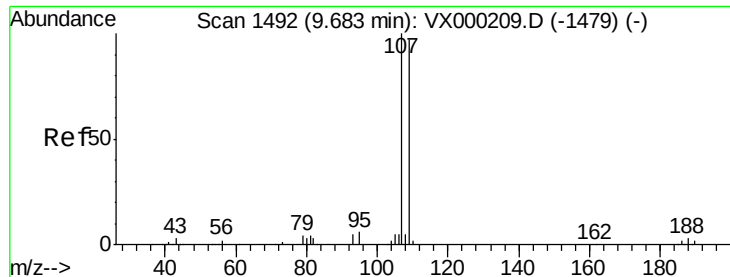
Tot Ion: 43 Resp: 235987
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7



#60
Dibromochloromethane
Concen: 19.43 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion:129 Resp: 30683
Ion Ratio Lower Upper
129 100
127 74.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.64 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

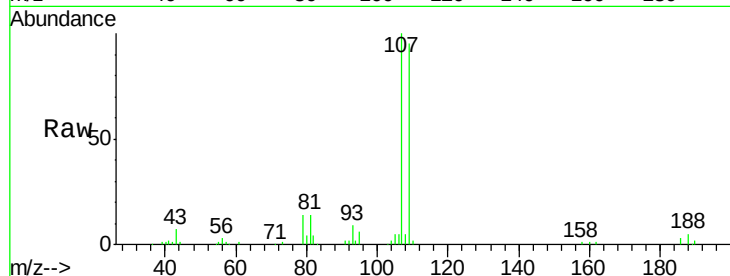
ClientSampleId :

Tot Ion:107 Resp: 32673

Ion Ratio Lower Upper

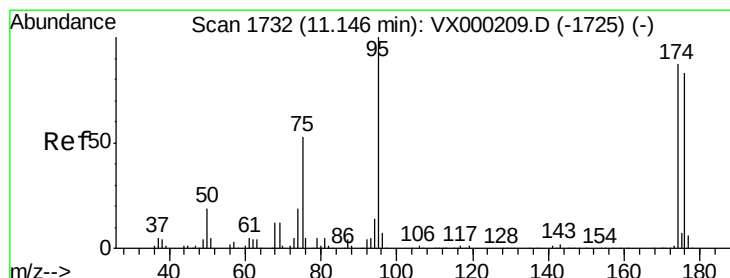
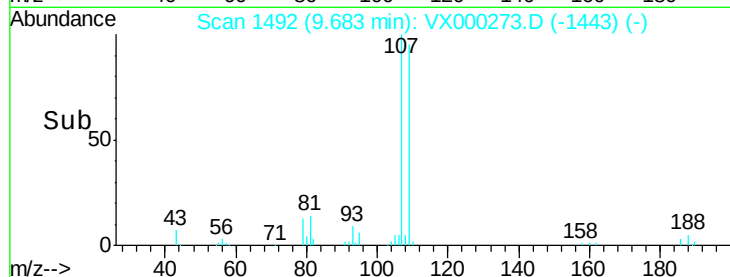
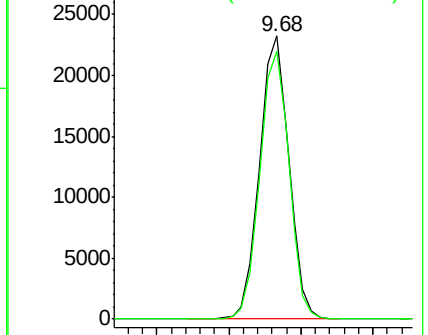
107 100

109 93.8 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.01 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

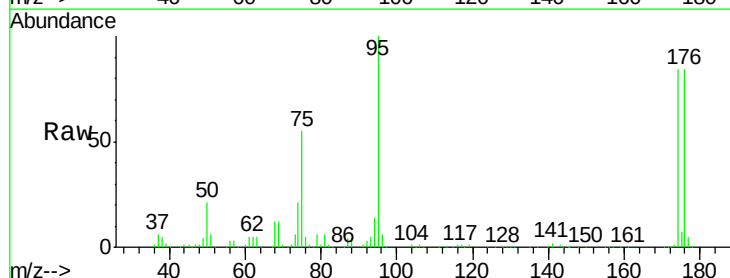
Tgt Ion: 95 Resp: 106782

Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.6

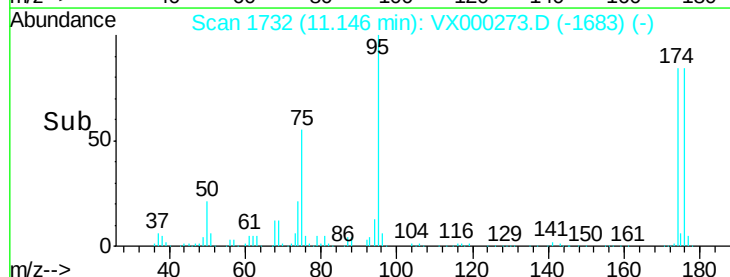
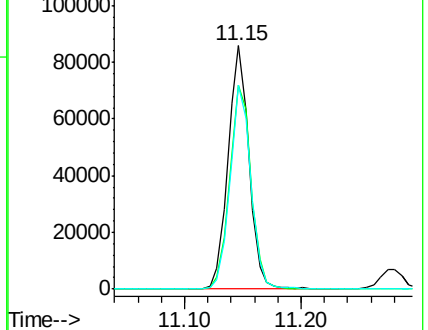
176 83.7 0.0 171.0

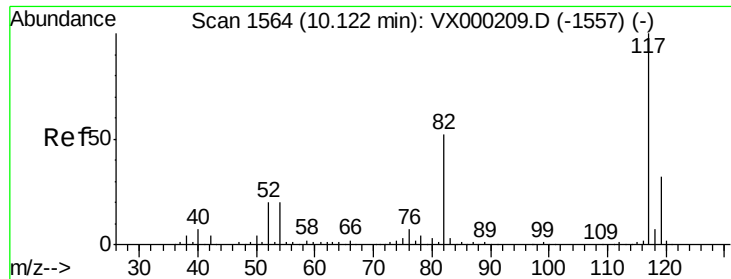


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

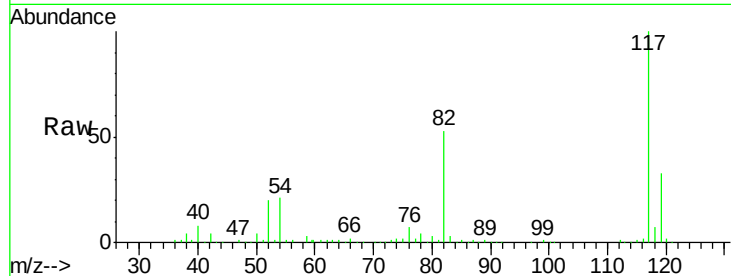




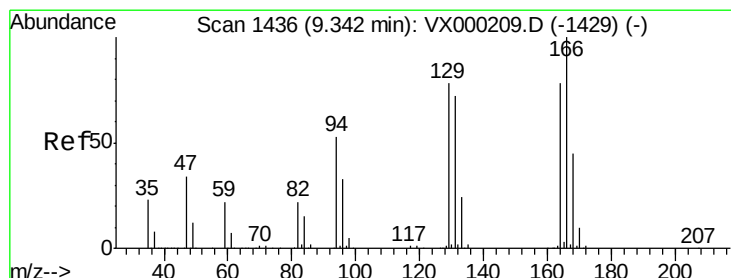
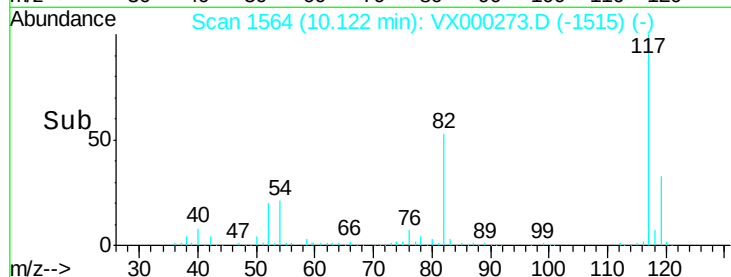
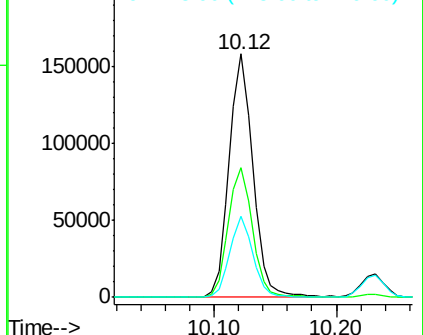
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 213319
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 33.2 25.3 37.9



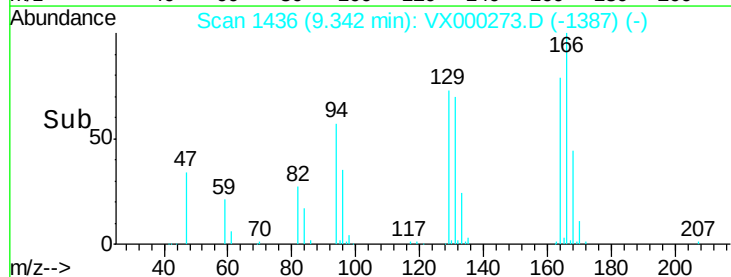
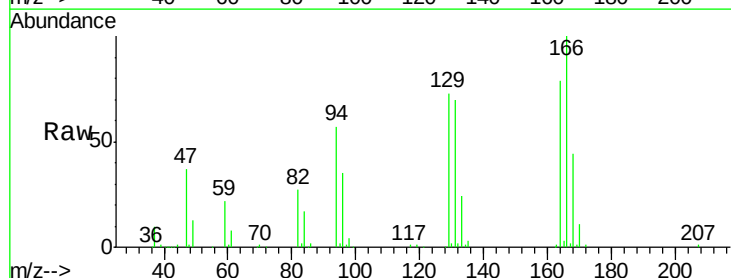
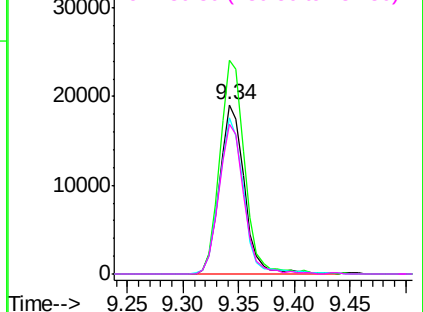
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

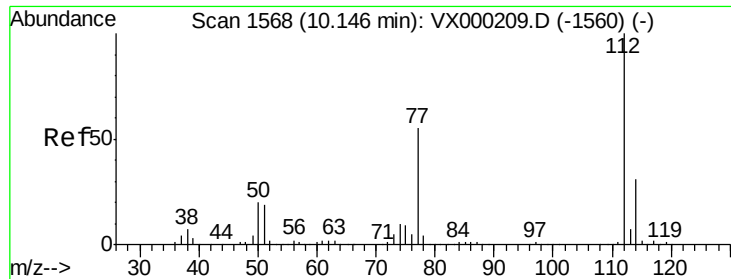


#64
Tetrachloroethene
Concen: 19.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion:164 Resp: 29536
Ion Ratio Lower Upper
164 100
166 126.2 103.0 154.6
129 92.2 80.2 120.4
131 88.6 74.2 111.4

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

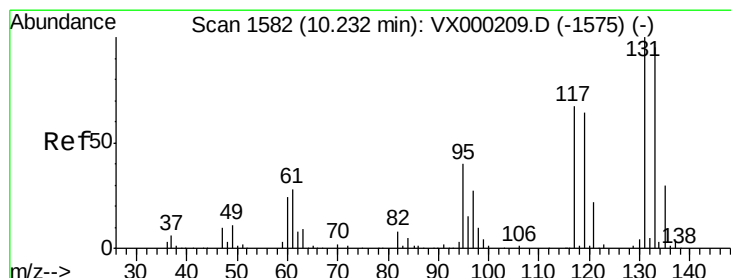
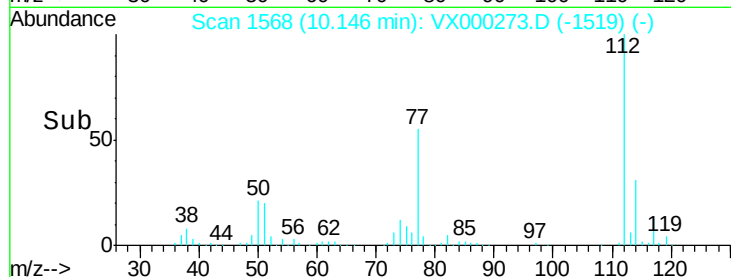
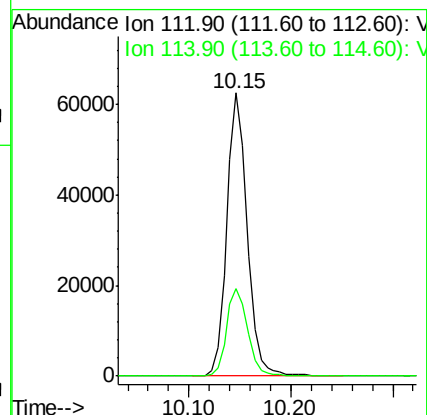
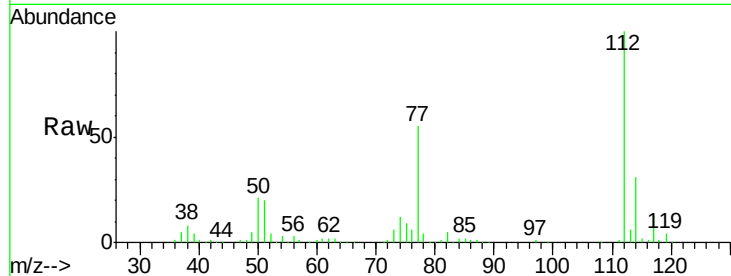




#65
Chlorobenzene
Concen: 20.15 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

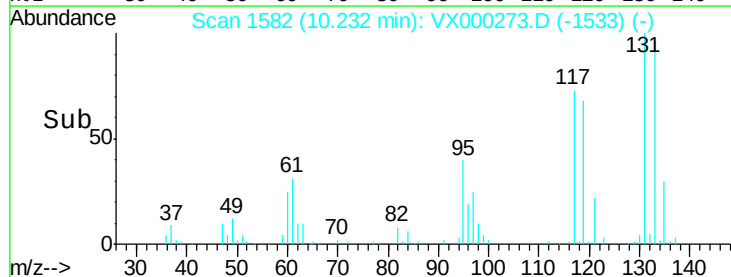
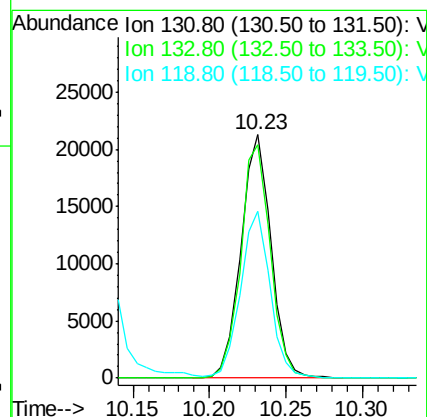
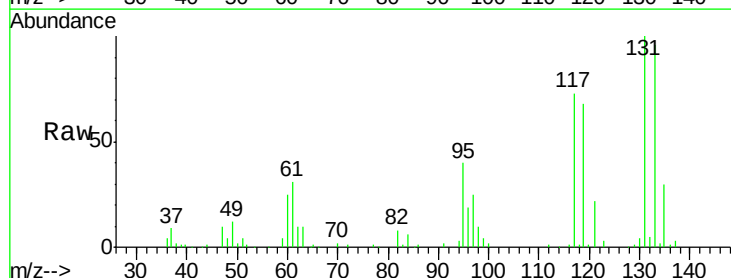
Instrument :
MSVOA_X
ClientSampleId :

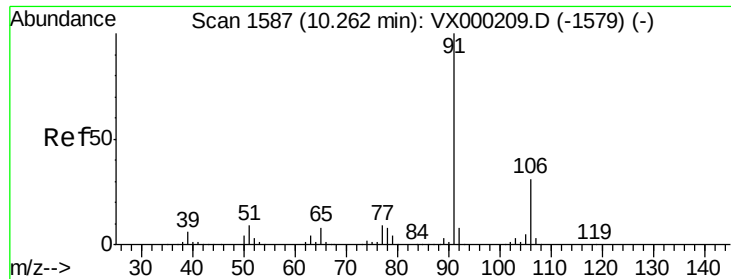
Tot Ion:112 Resp: 86815
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.66 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion:131 Resp: 28952
Ion Ratio Lower Upper
131 100
133 94.7 48.3 144.9
119 67.7 32.3 96.8





#67

Ethyl Benzene

Concen: 19.74 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

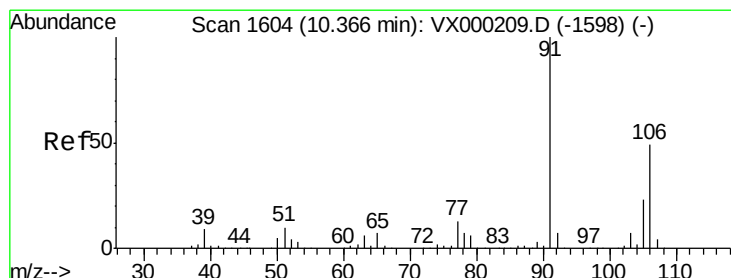
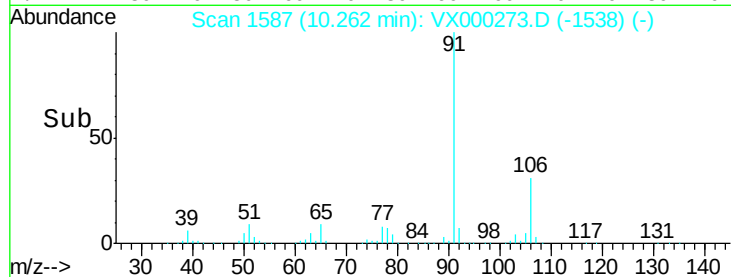
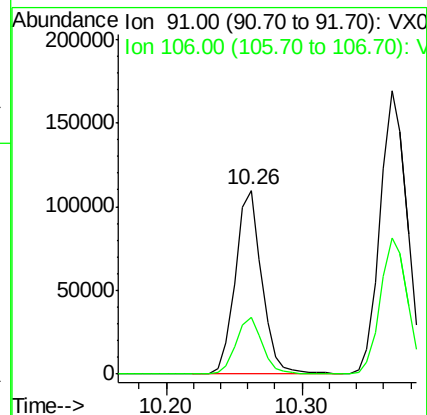
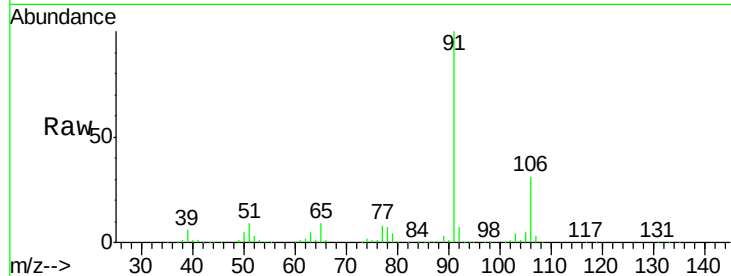
ClientSampleId :

Tot Ion: 91 Resp: 148436

Ion Ratio Lower Upper

91 100

106 31.1 25.2 37.8



#68

m/p-Xylenes

Concen: 39.47 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000273.D

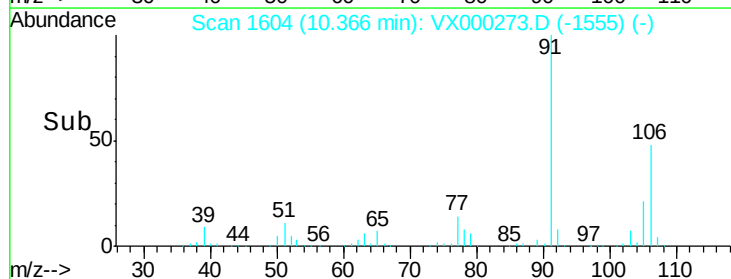
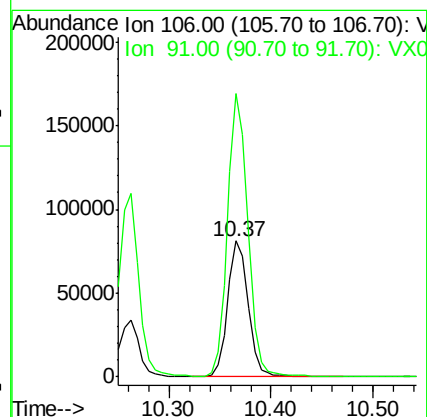
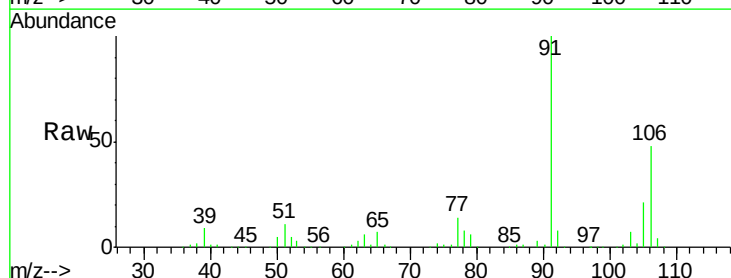
Acq: 12 Mar 2018 12:32

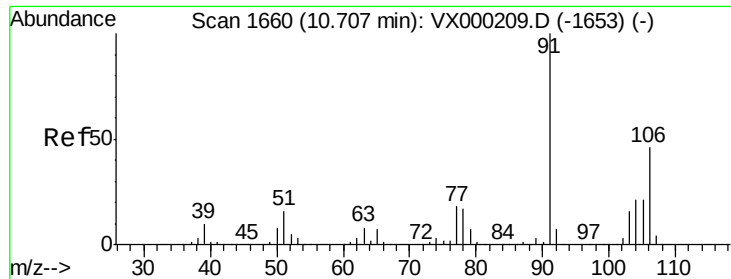
Tgt Ion: 106 Resp: 114201

Ion Ratio Lower Upper

106 100

91 205.1 160.9 241.3

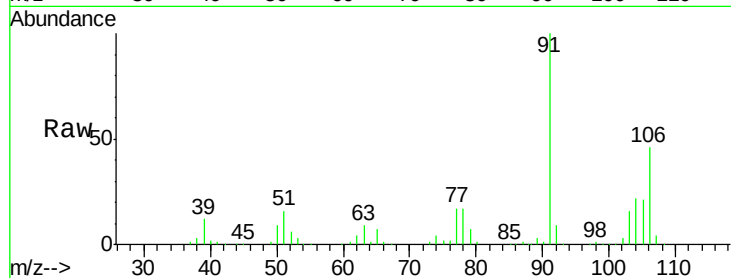




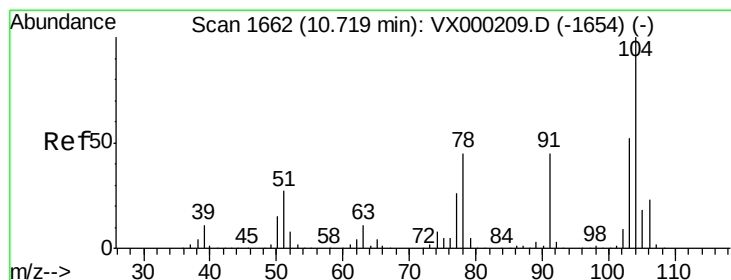
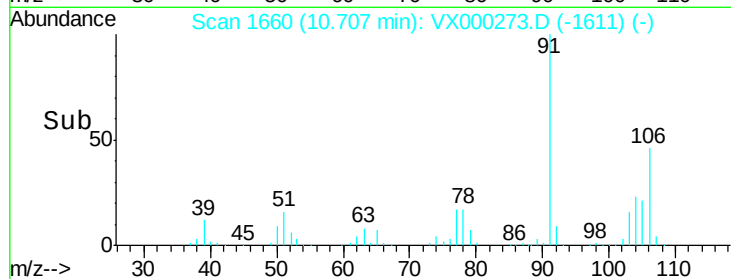
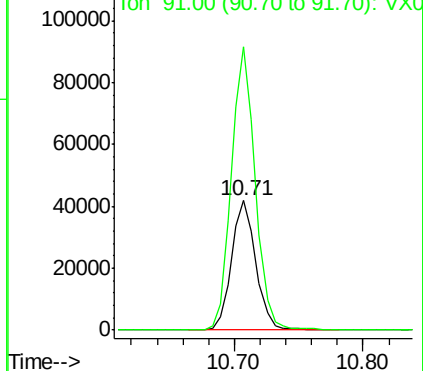
#69
o-Xylene
Concen: 19.98 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 55569
Ion Ratio Lower Upper
106 100
91 214.2 105.9 317.7

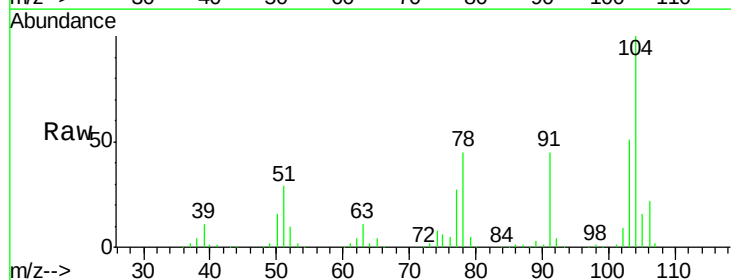


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

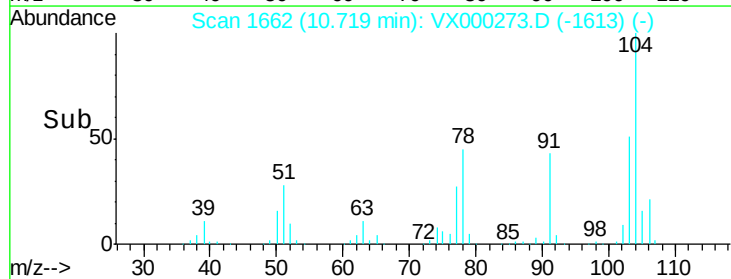
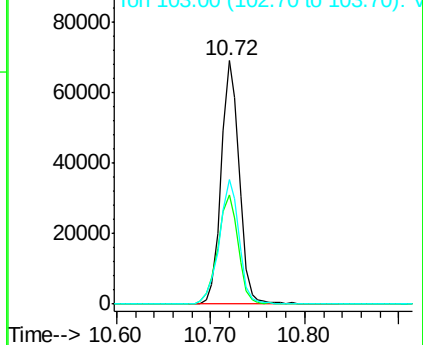


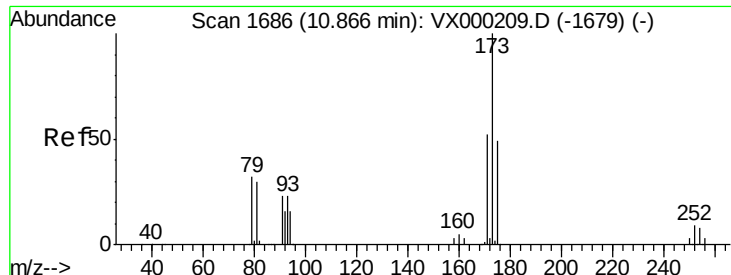
#70
Styrene
Concen: 19.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion:104 Resp: 92024
Ion Ratio Lower Upper
104 100
78 50.9 39.6 59.4
103 55.9 45.0 67.6



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: 17.51 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

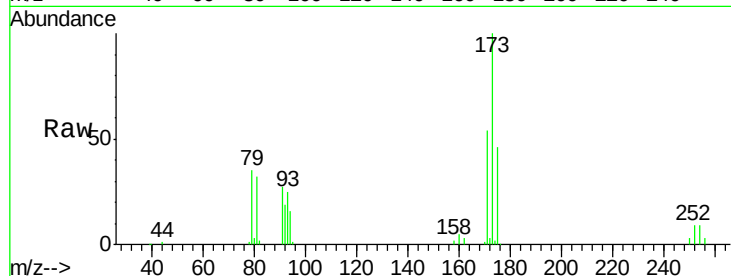
Tot Ion:173 Resp: 23075

Ion Ratio Lower Upper

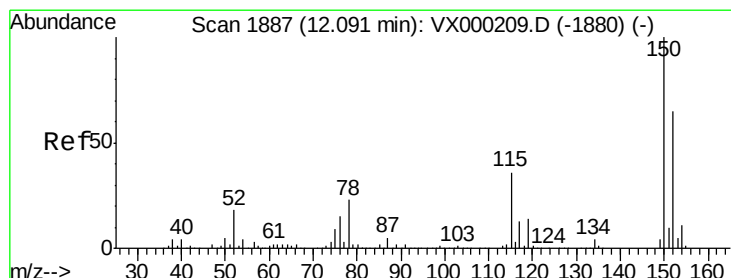
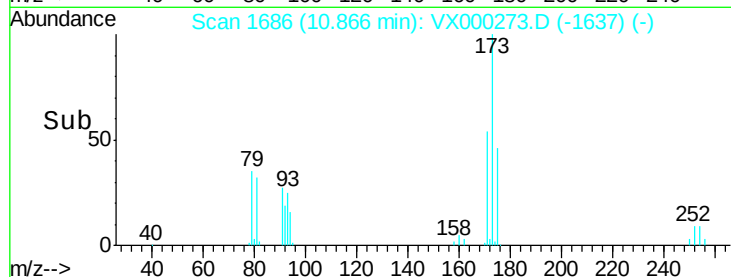
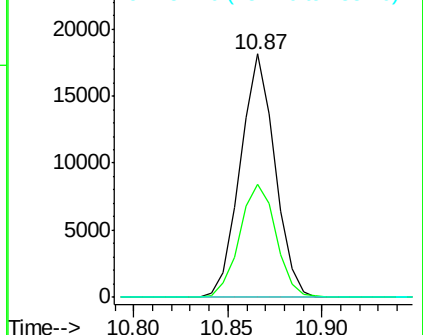
173 100

175 48.9 24.4 73.2

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

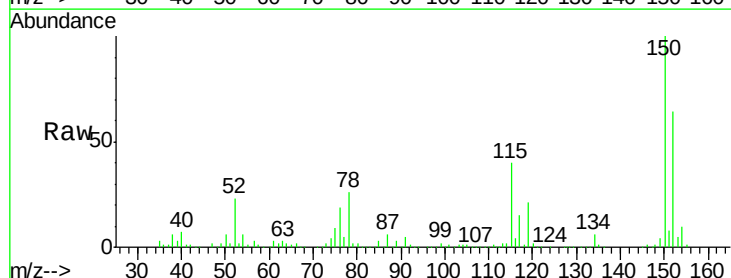
Tgt Ion:152 Resp: 123742

Ion Ratio Lower Upper

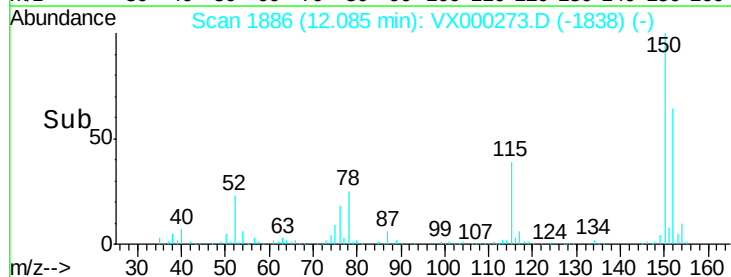
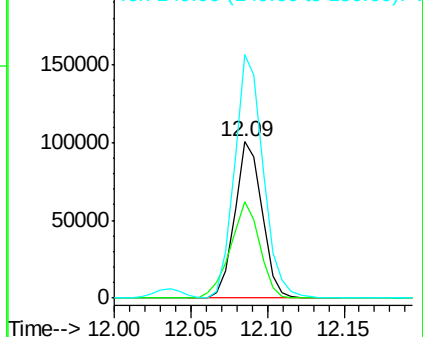
152 100

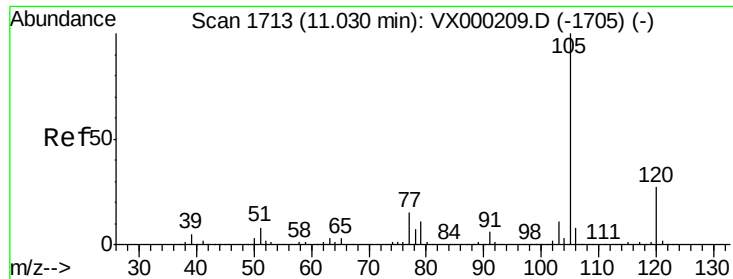
115 66.5 39.8 119.3

150 163.4 0.0 345.0



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: 19.60 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

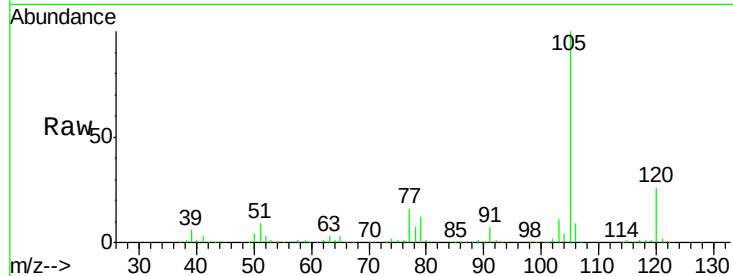
ClientSampleId :

Tot Ion:105 Resp: 151848

Ion Ratio Lower Upper

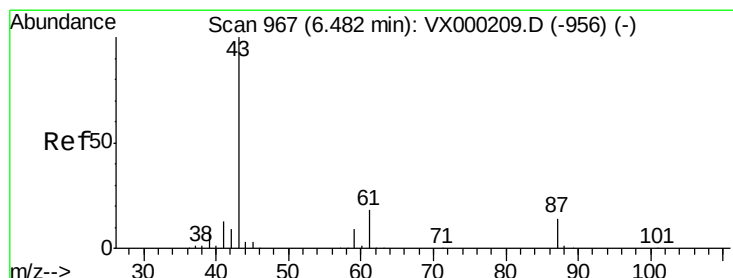
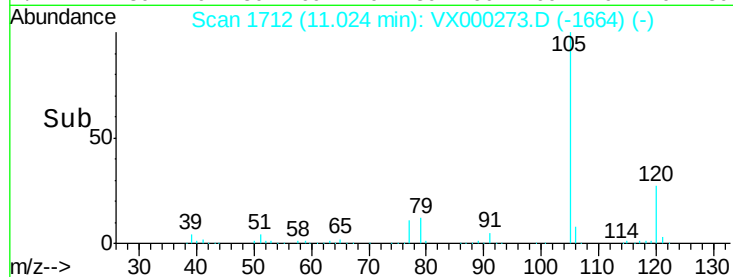
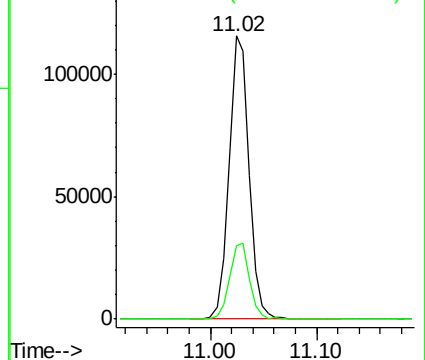
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.10 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Tgt Ion: 43 Resp: 75707

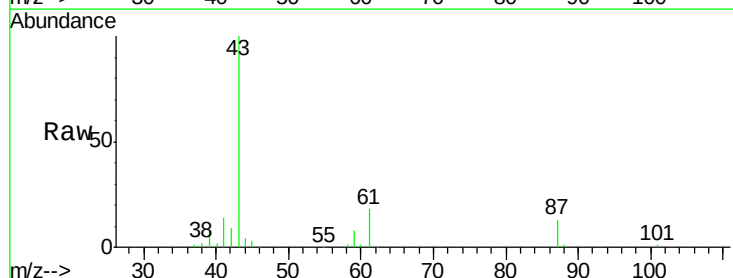
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 17.9 14.8 22.2

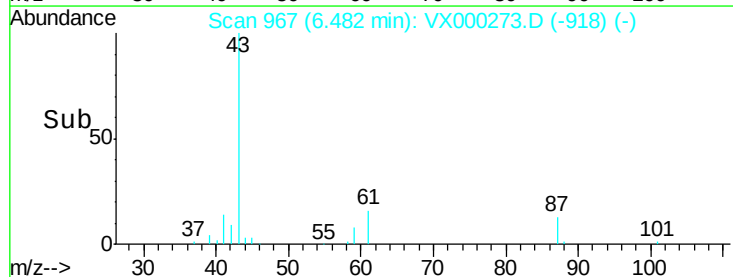
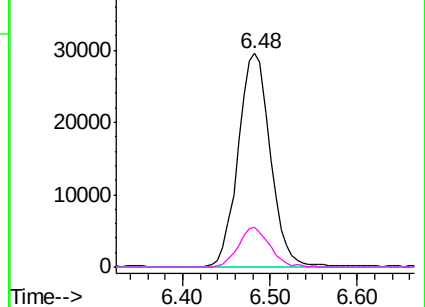


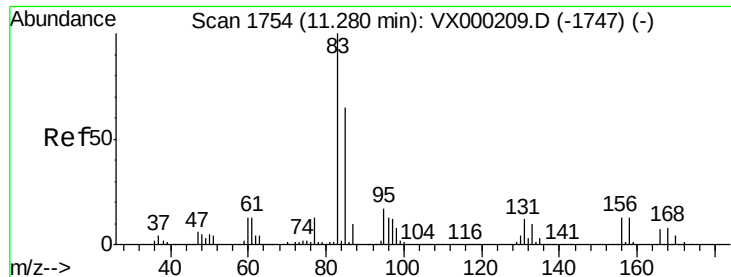
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampled :

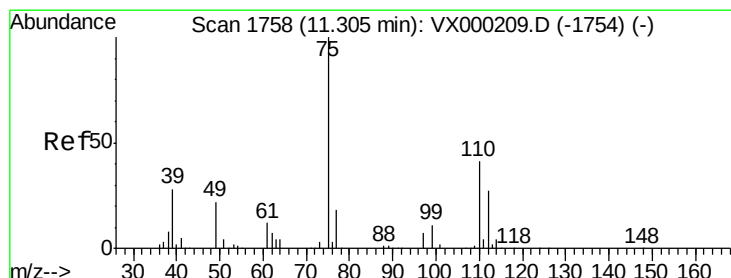
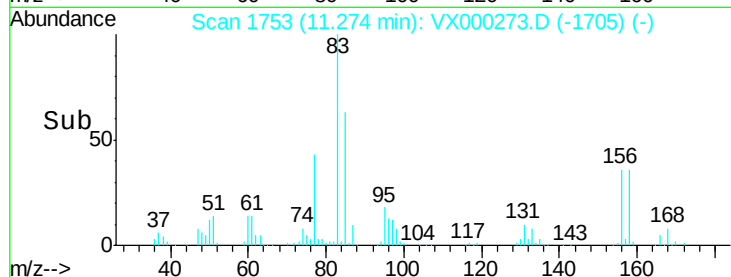
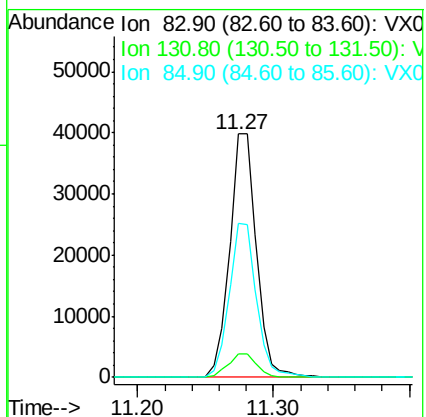
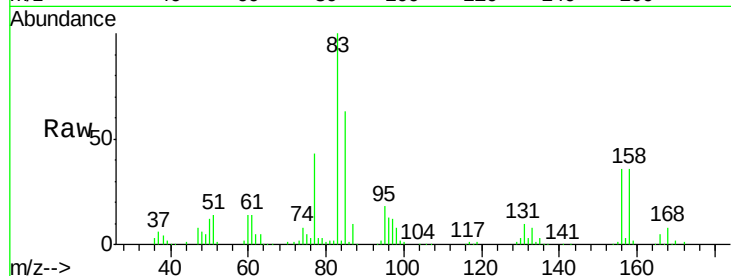
Tot Ion: 83 Resp: 54456

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.5

85 64.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 24.48 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000273.D

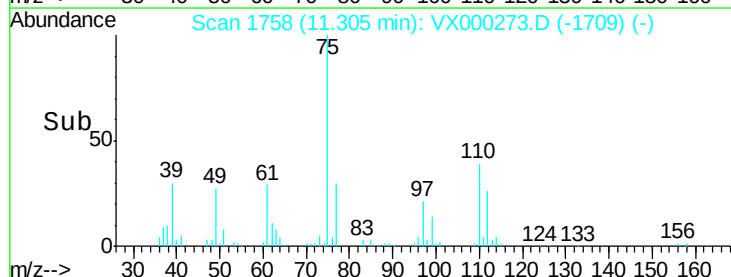
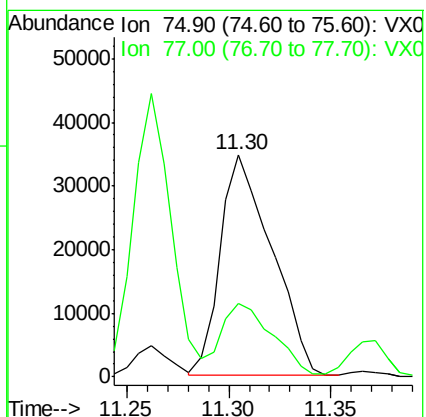
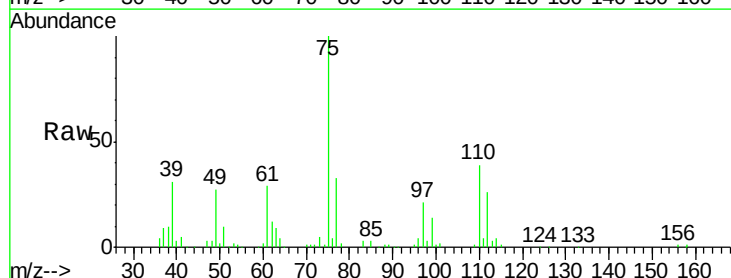
Acq: 12 Mar 2018 12:32

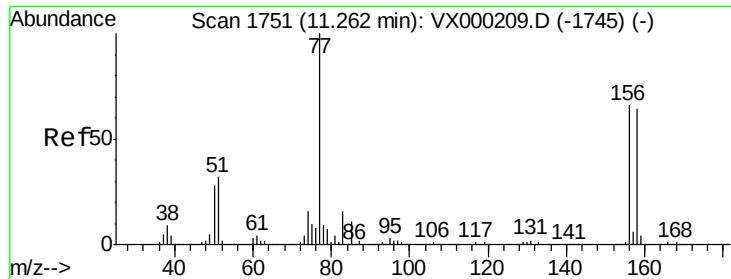
Tgt Ion: 75 Resp: 60725

Ion Ratio Lower Upper

75 100

77 33.7 22.3 66.8





#77

Bromobenzene

Concen: 19.26 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampled :

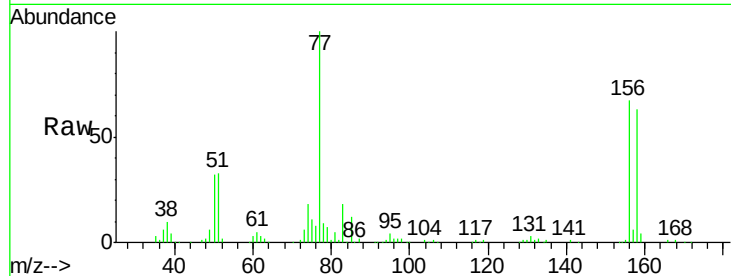
Tot Ion:156 Resp: 38568

Ion Ratio Lower Upper

156 100

77 149.8 71.9 215.7

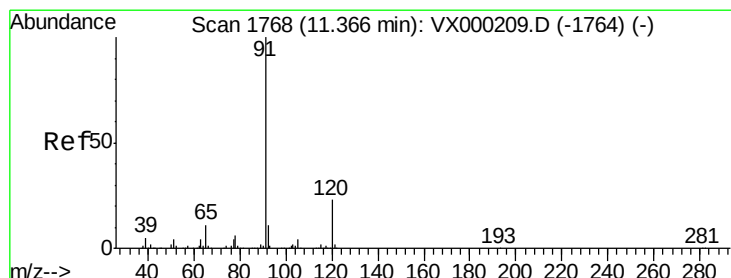
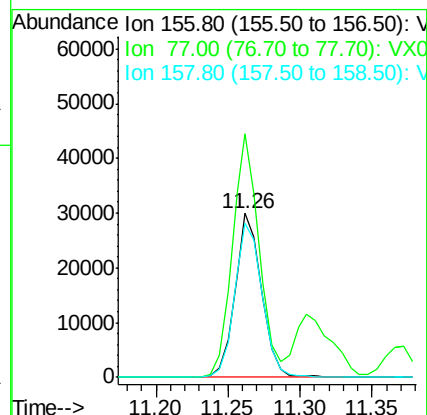
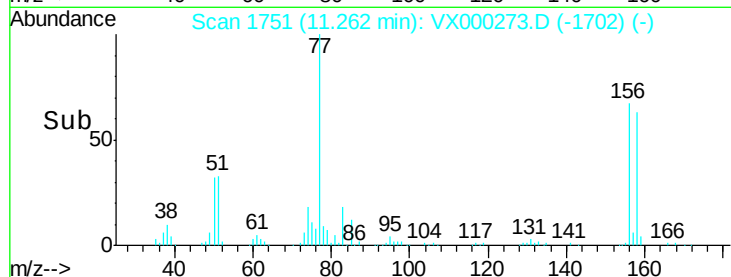
158 97.8 48.0 144.2



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: 19.73 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000273.D

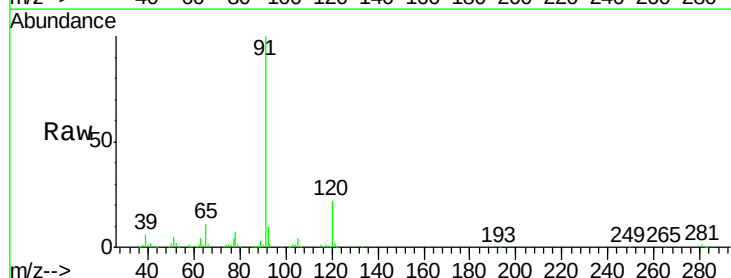
Acq: 12 Mar 2018 12:32

Tgt Ion: 91 Resp: 179912

Ion Ratio Lower Upper

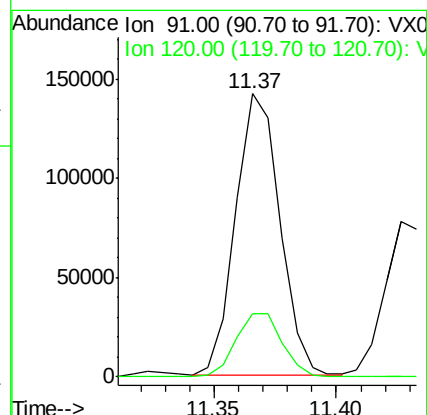
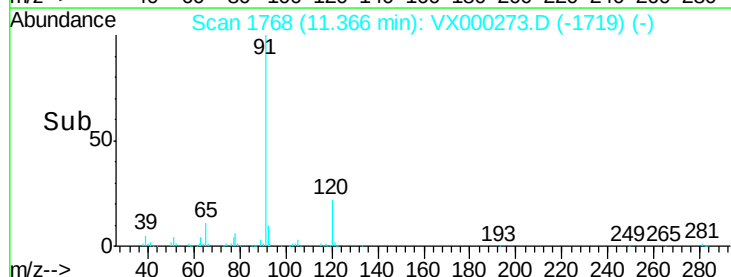
91 100

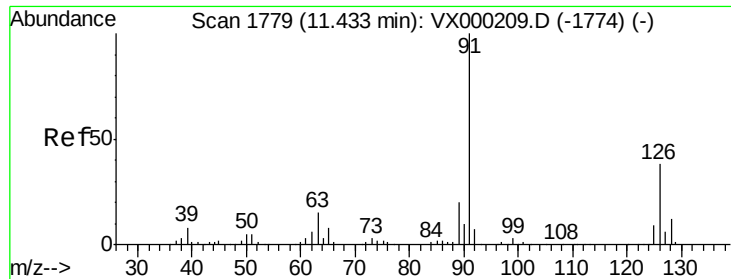
120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

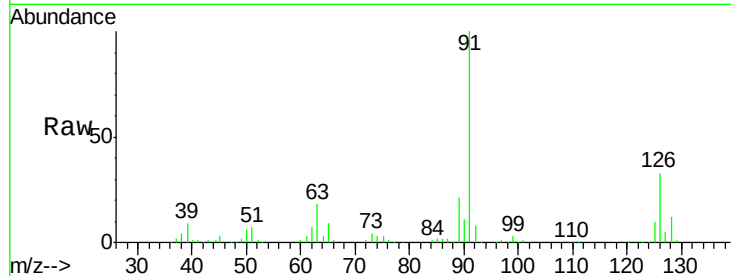
ClientSampleId :

Tot Ion: 91 Resp: 101219

Ion Ratio Lower Upper

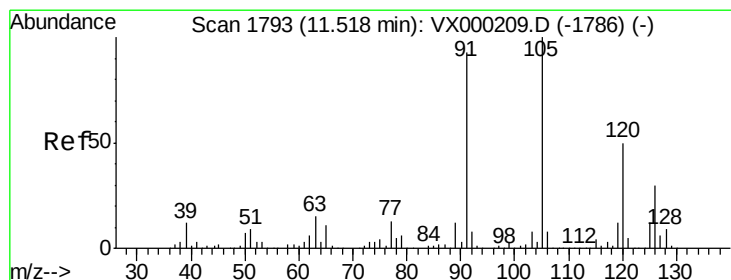
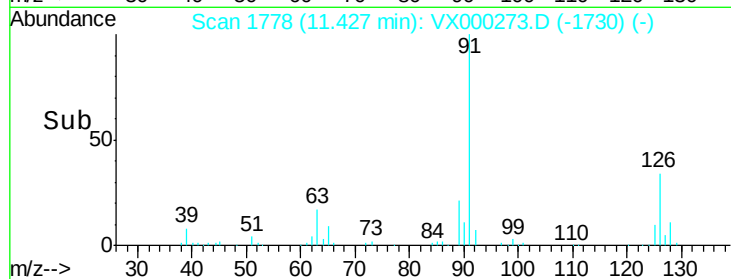
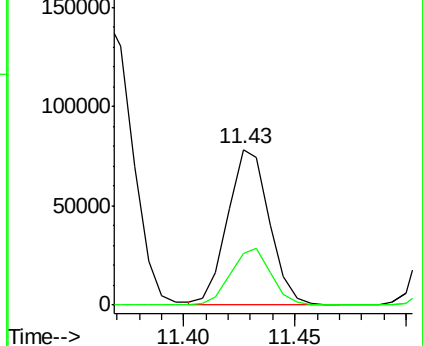
91 100

126 35.9 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000209.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000273.D

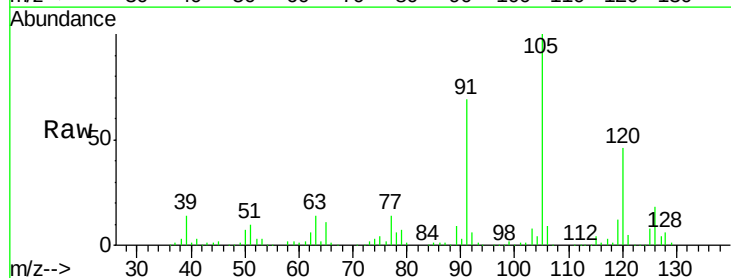
Acq: 12 Mar 2018 12:32

Tgt Ion: 105 Resp: 129197

Ion Ratio Lower Upper

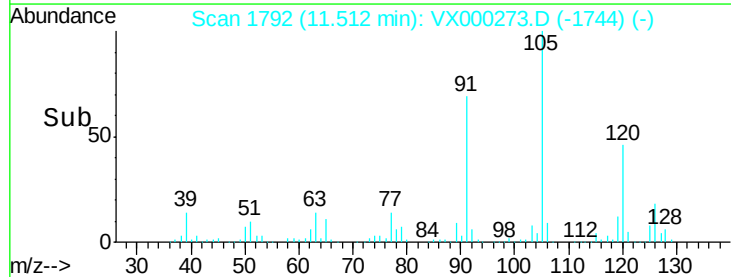
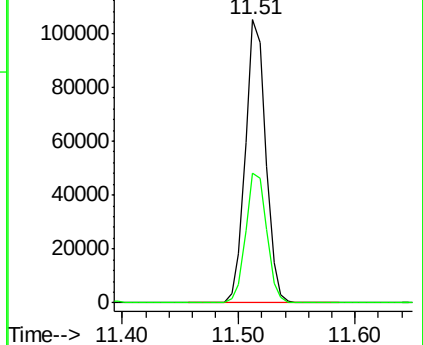
105 100

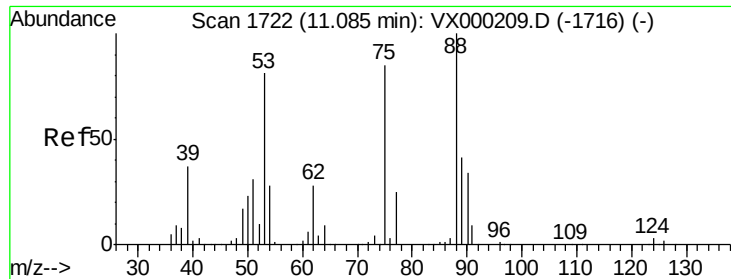
120 47.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000209.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000209.D (-1786) (-)

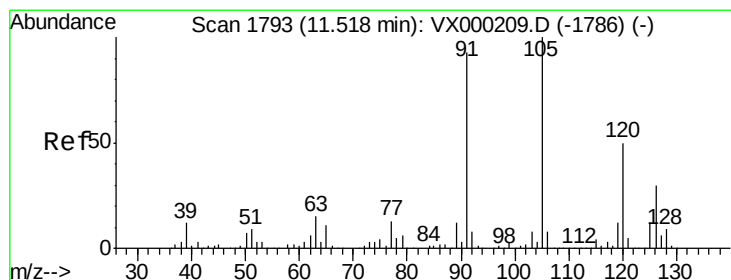
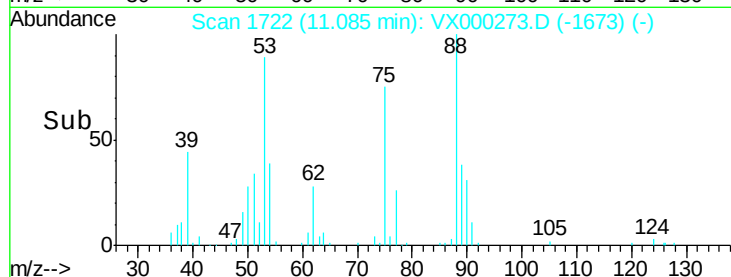
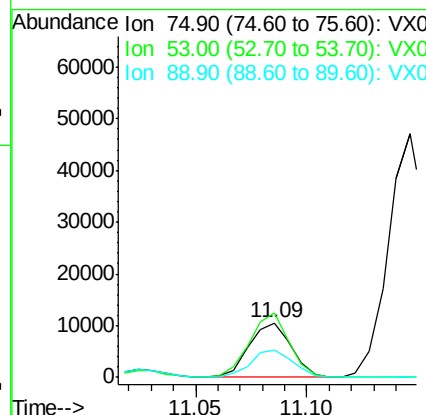
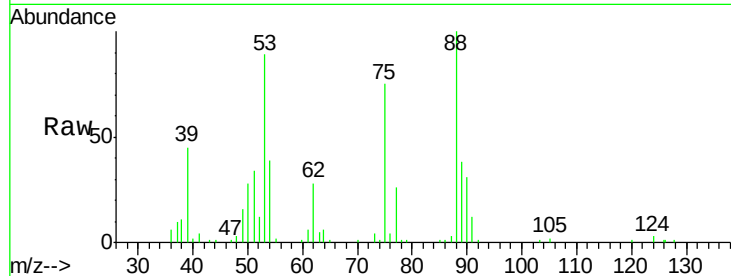




#81
trans-1,4-Dichloro-2-butene
Concen: 17.01 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

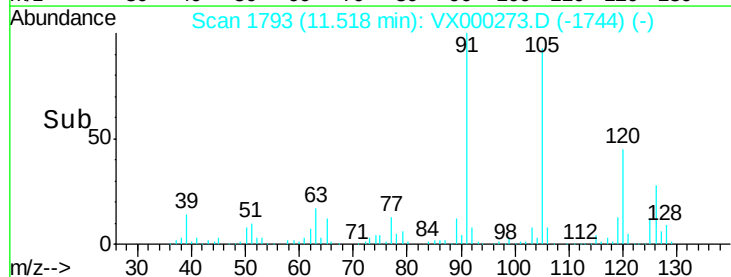
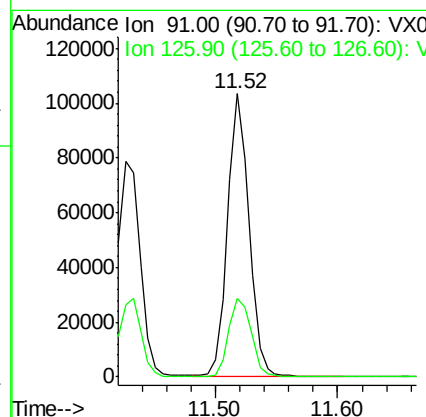
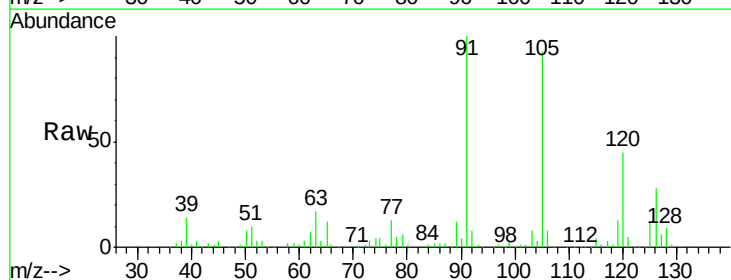
Instrument :
MSVOA_X
ClientSampleId :

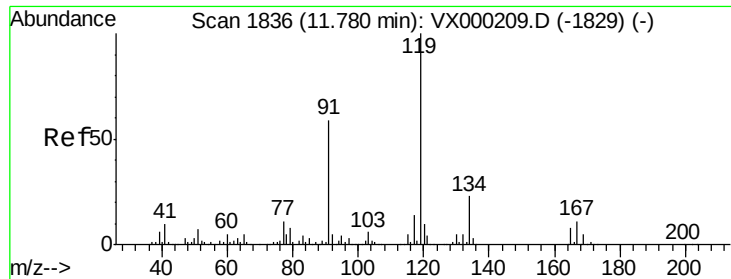
Tot Ion: 75 Resp: 13775
Ion Ratio Lower Upper
75 100
53 113.8 78.6 118.0
89 50.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.19 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000273.D
Acq: 12 Mar 2018 12:32

Tgt Ion: 91 Resp: 126238
Ion Ratio Lower Upper
91 100
126 29.2 16.0 48.0

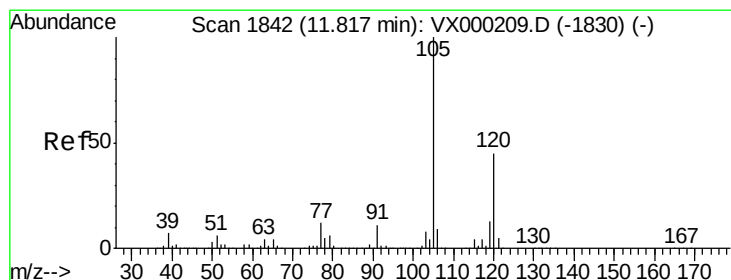
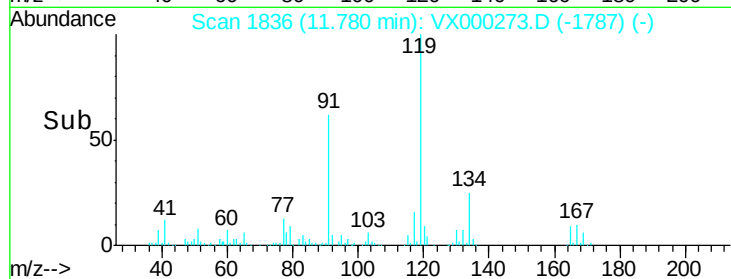
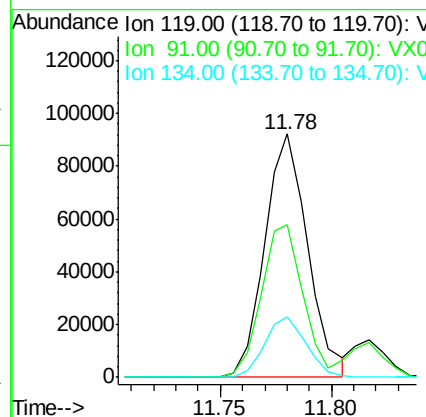
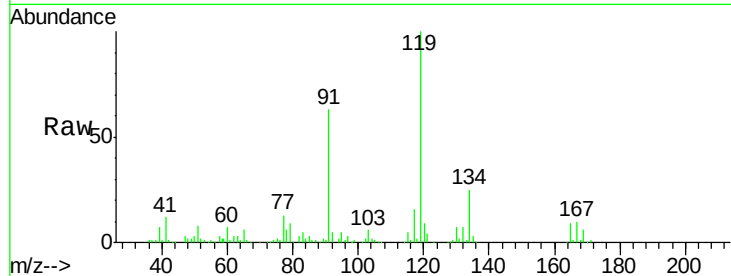




#83
 tert-Butylbenzene
 Concen: 19.62 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

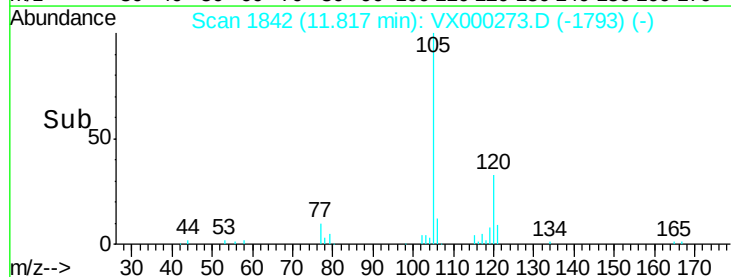
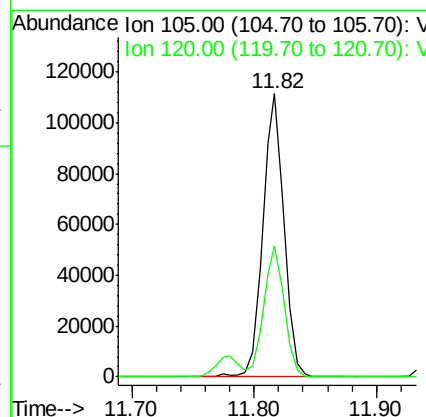
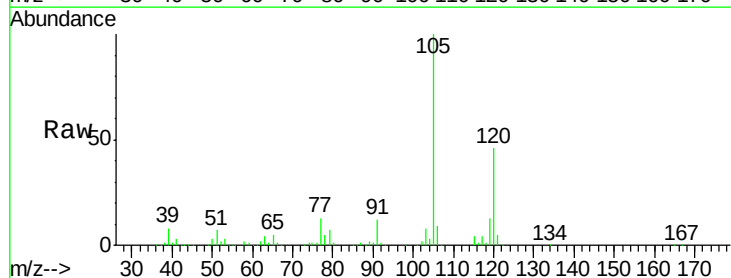
Instrument :
 MSVOA_X
 ClientSampleId :

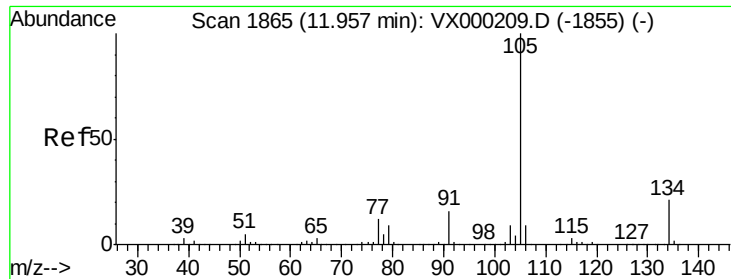
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	28.9	86.7
134	24.2	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.19 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 20.37 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

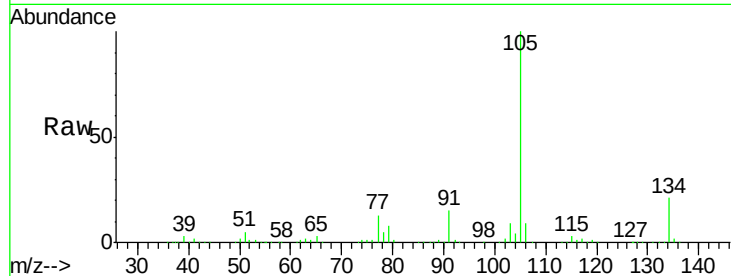
ClientSampleId :

Tot Ion:105 Resp: 162137

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

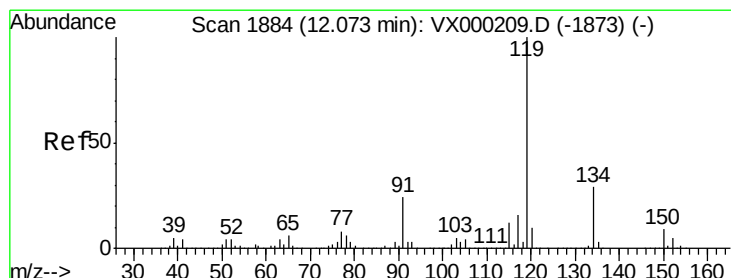
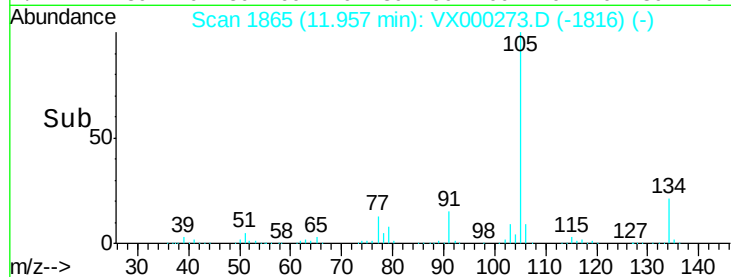
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.95 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

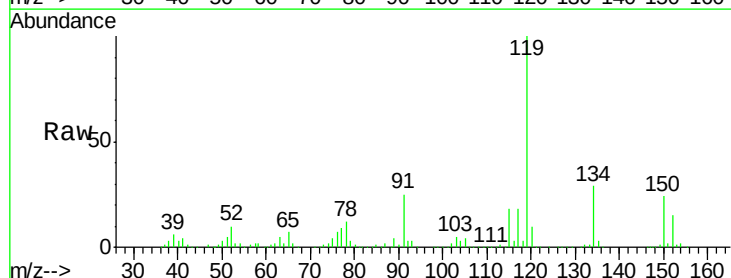
Tgt Ion:119 Resp: 140022

Ion Ratio Lower Upper

119 100

134 28.1 13.8 41.3

91 25.6 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

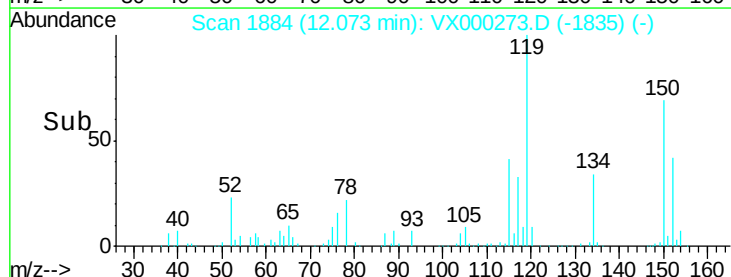
150000

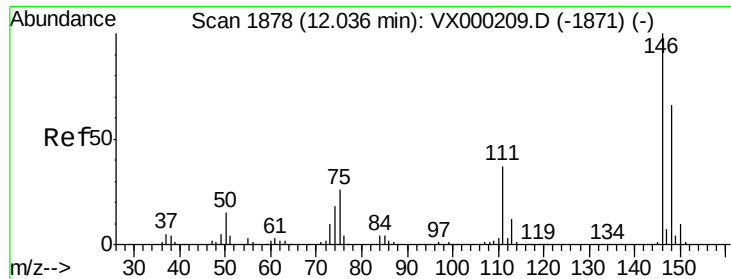
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.72 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

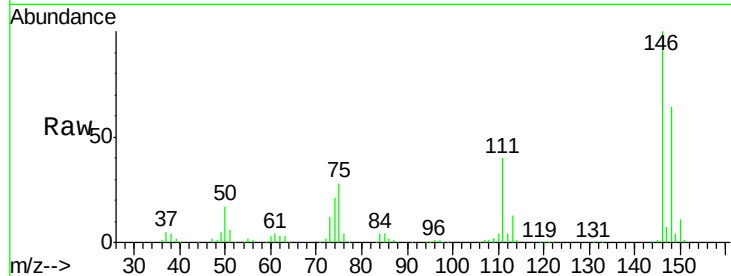
Tot Ion:146 Resp: 75089

Ion Ratio Lower Upper

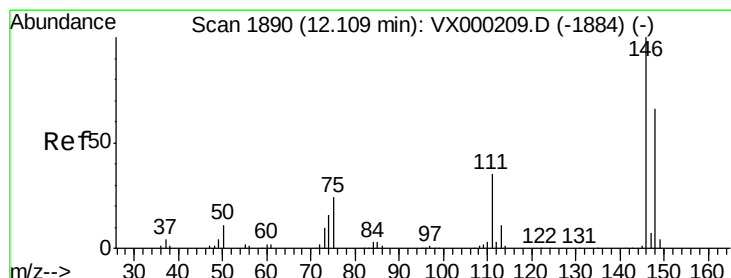
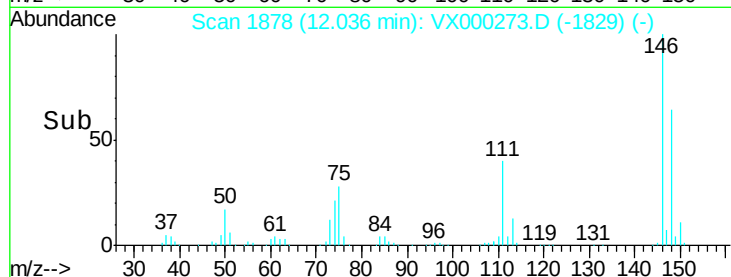
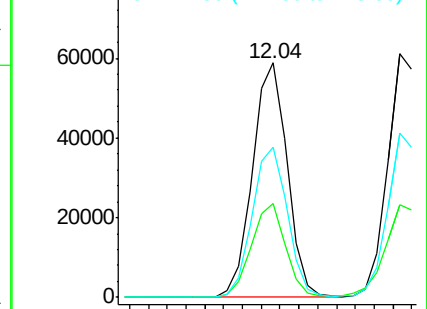
146 100

111 39.5 19.0 57.0

148 65.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.58 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

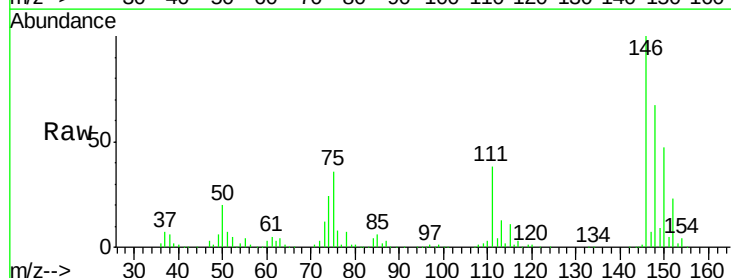
Tgt Ion:146 Resp: 78165

Ion Ratio Lower Upper

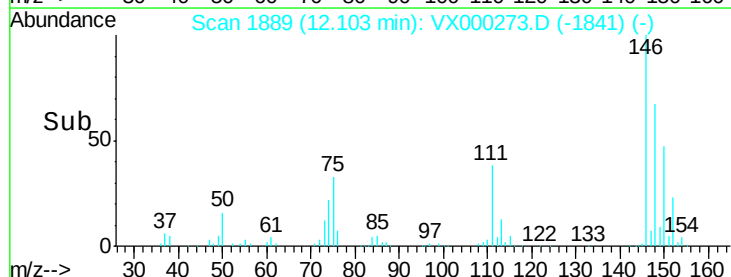
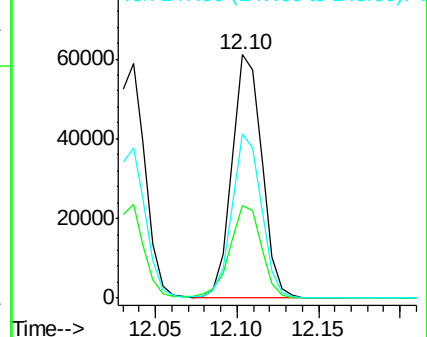
146 100

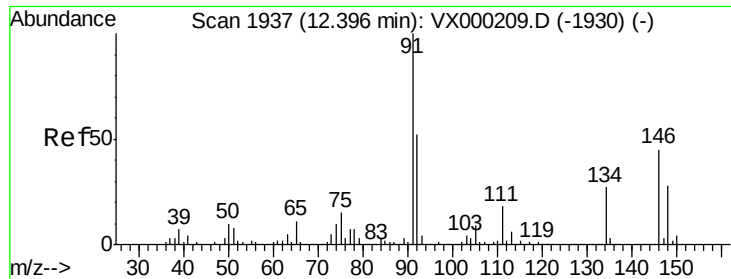
111 40.1 18.9 56.9

148 66.3 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.54 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

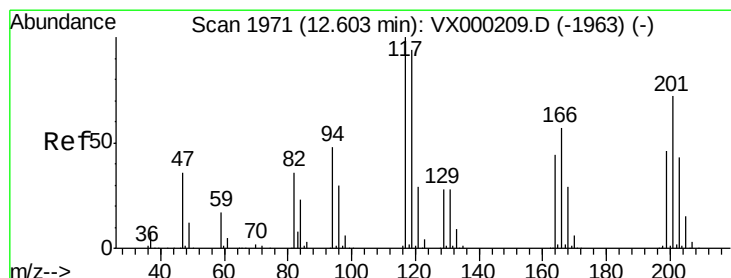
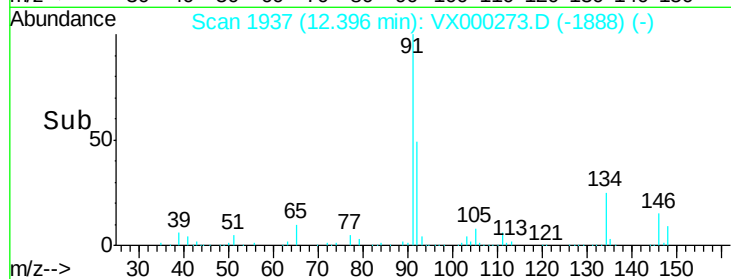
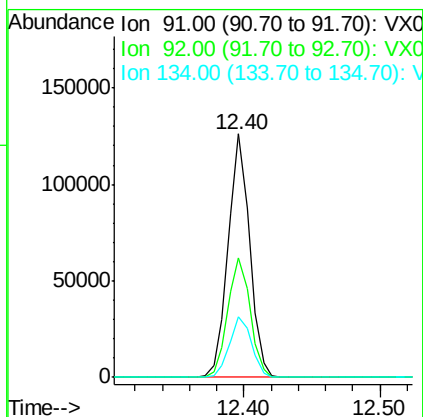
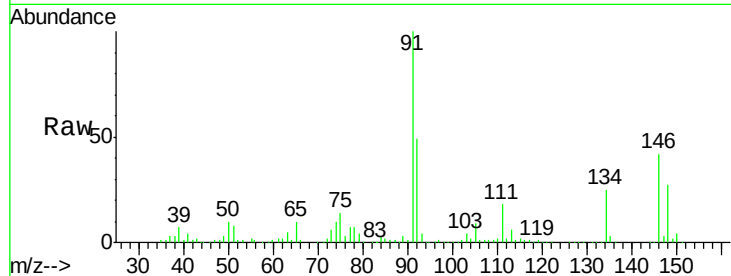
Tot Ion: 91 Resp: 138890

Ion Ratio Lower Upper

91 100

92 51.3 25.8 77.4

134 25.7 13.5 40.5



#90

Hexachloroethane

Concen: 18.56 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000273.D

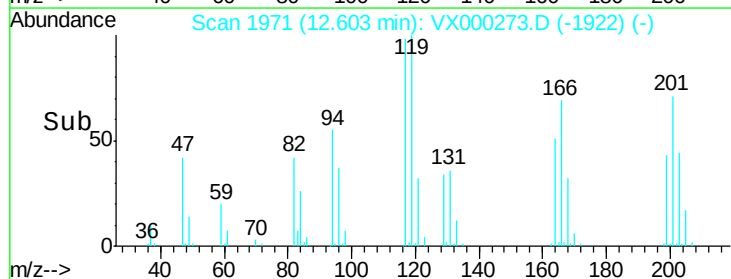
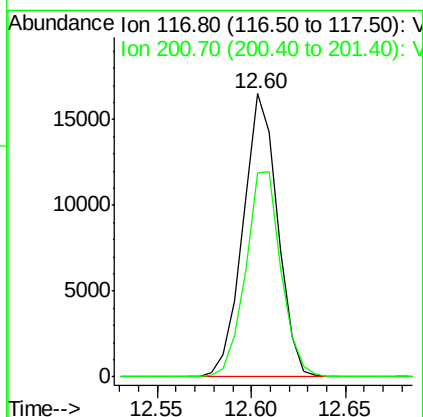
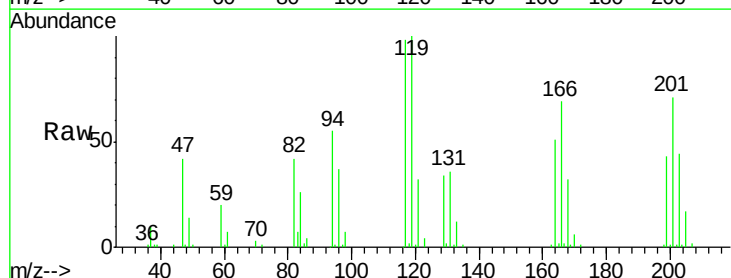
Acq: 12 Mar 2018 12:32

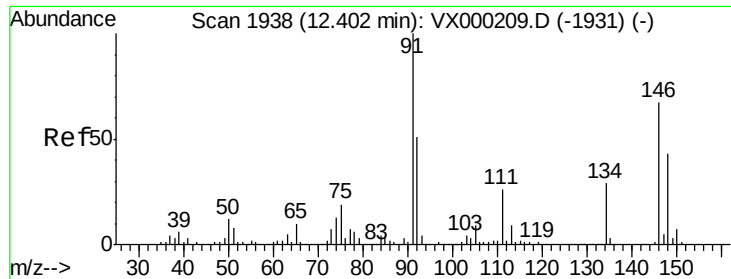
Tgt Ion: 117 Resp: 20991

Ion Ratio Lower Upper

117 100

201 74.3 38.2 114.6

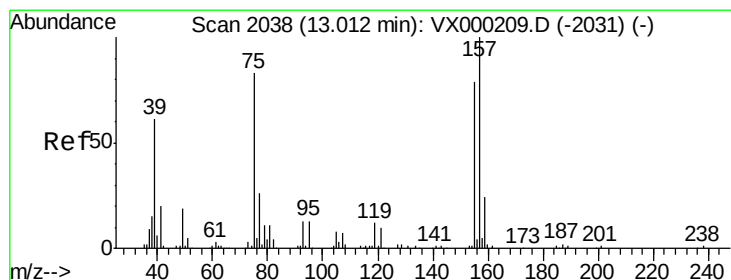
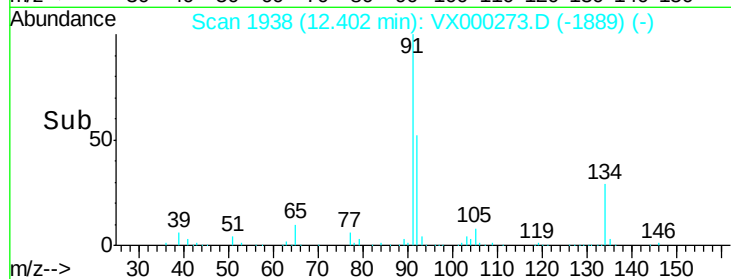
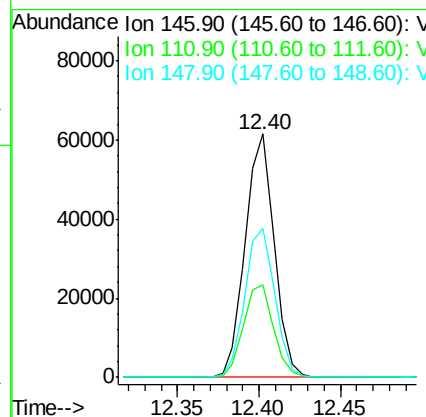
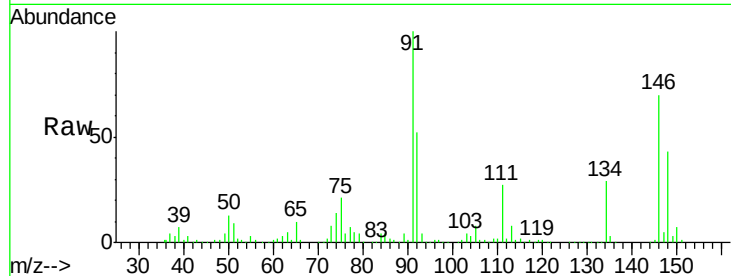




#91
 1,2-Dichlorobenzene
 Concen: 20.33 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

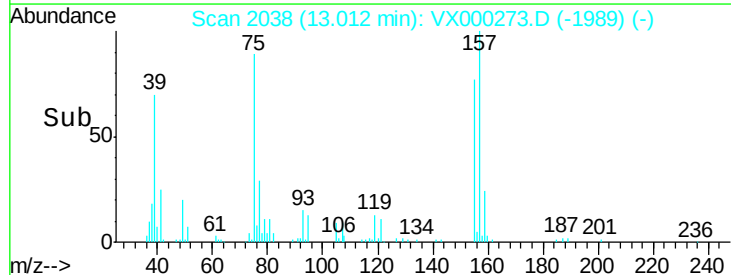
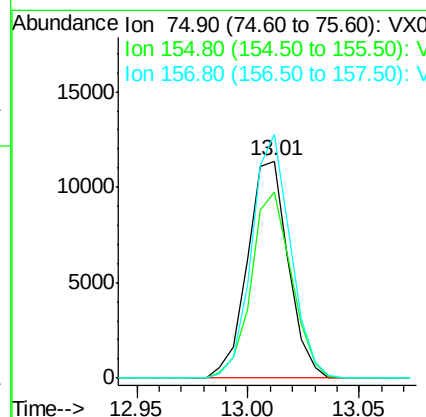
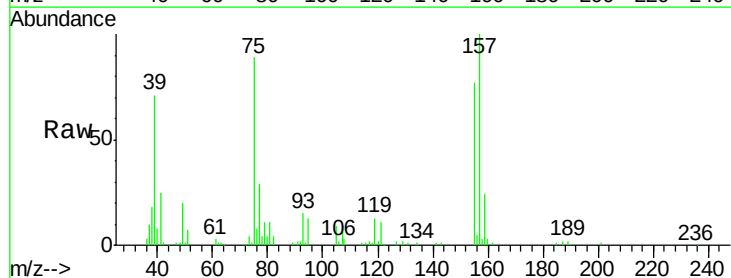
Instrument :
 MSVOA_X
 ClientSampleId :

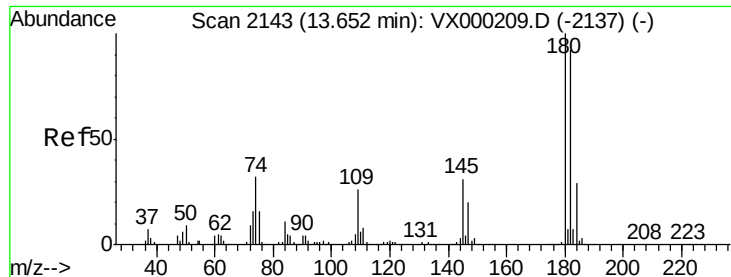
Tot Ion:146 Resp: 76669
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.7 59.0
 148 62.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.07 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion: 75 Resp: 14546
 Ion Ratio Lower Upper
 75 100
 155 84.7 45.5 136.5
 157 106.4 58.6 175.8

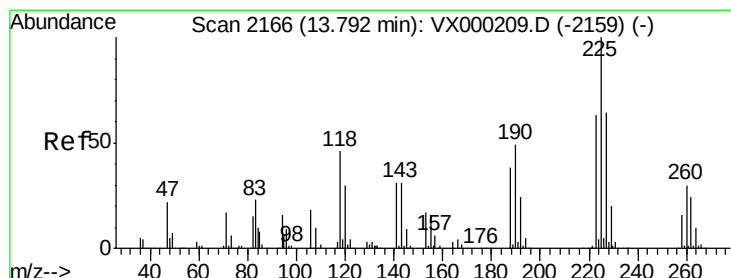
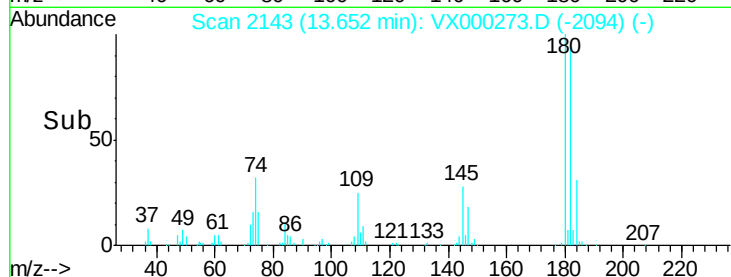
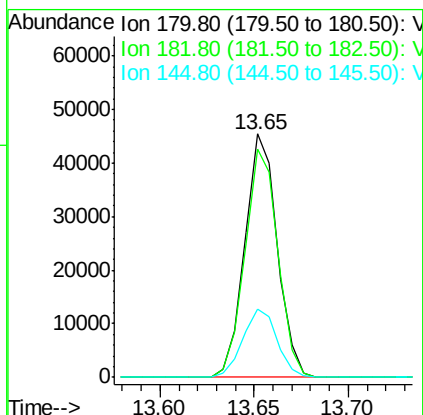
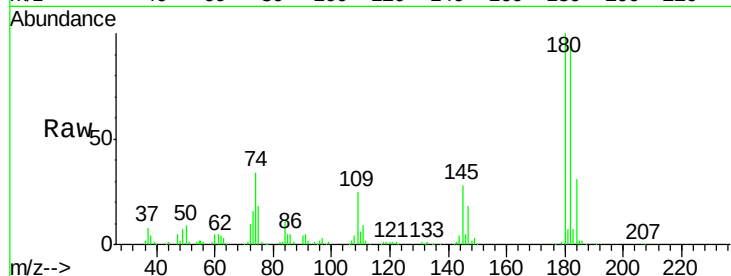




#93
 1,2,4-Trichlorobenzene
 Concen: 19.74 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

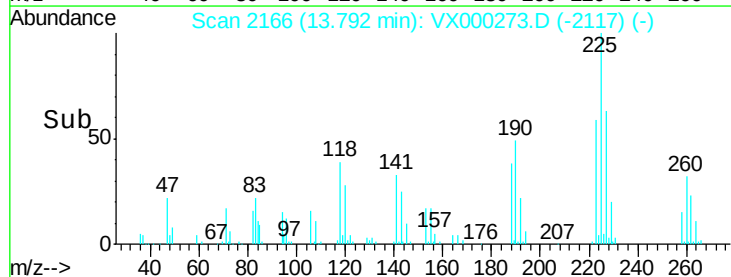
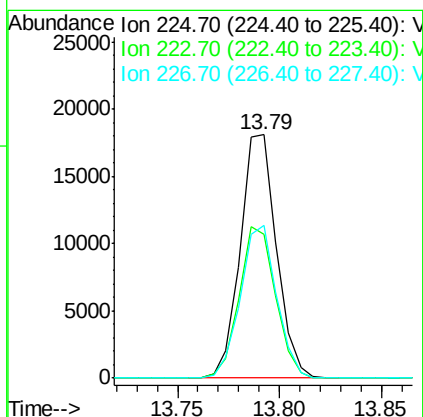
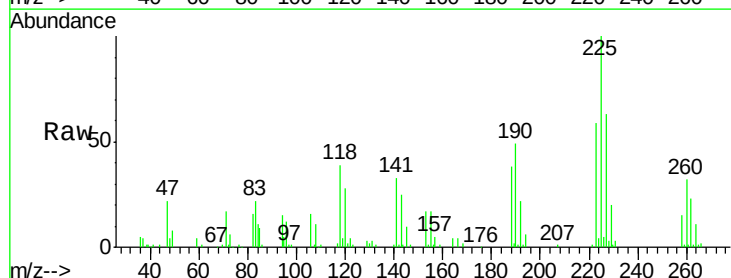
Instrument :
 MSVOA_X
 ClientSampleId :

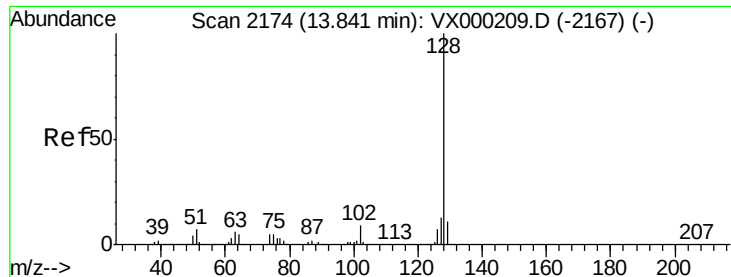
Tot Ion:180 Resp: 54154
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.0 141.0
 145 29.5 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 19.51 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000273.D
 Acq: 12 Mar 2018 12:32

Tgt Ion:225 Resp: 22277
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.8 95.3
 227 62.8 31.9 95.5





#95

Naphthalene

Concen: 20.05 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

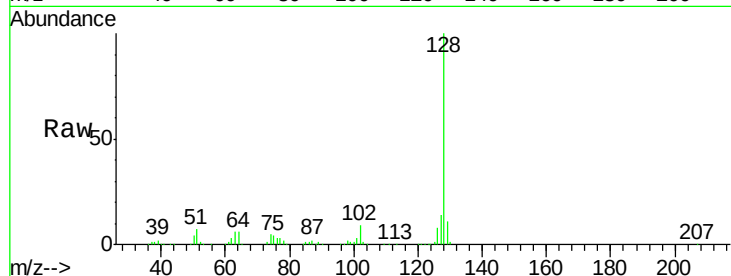
Tot Ion:128 Resp: 191878

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

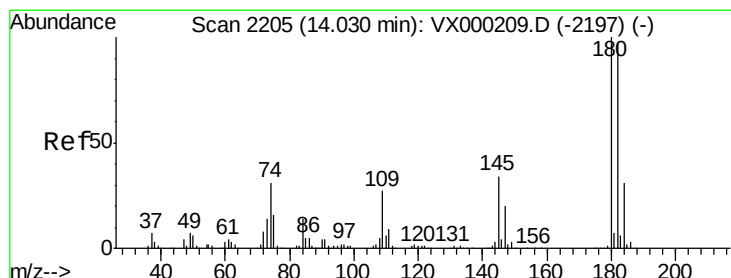
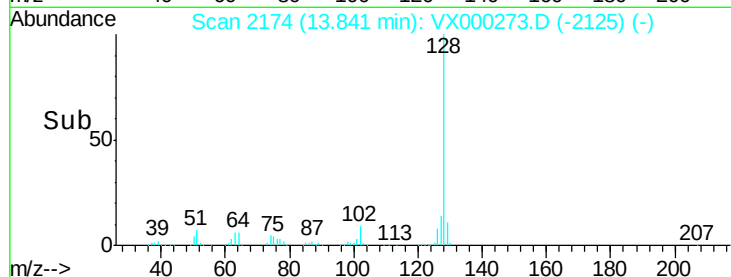
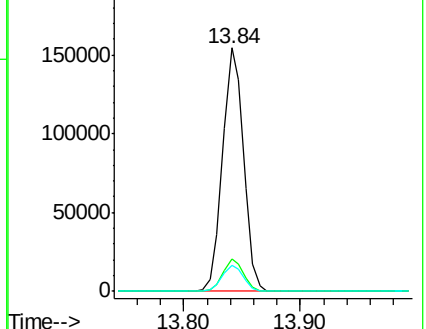
129 10.8 8.6 13.0



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: 19.44 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000273.D

Acq: 12 Mar 2018 12:32

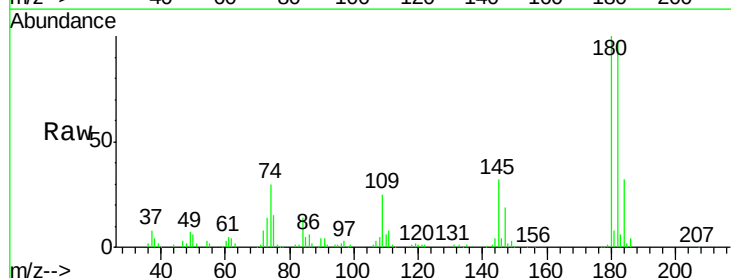
Tgt Ion:180 Resp: 52747

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 32.5 16.3 48.8



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

