

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000276.D
 Acq On : 12 Mar 2018 13:48
 Operator : JC/MD
 Sample : VX0312WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 13 04:34:23 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	123655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	207910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	77431	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.52	113	61147	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	8.73	98	245178	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
62) 4-Bromofluorobenzene	11.15	95	94109	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23485	17.43	ug/l	98
3) Chloromethane	1.32	50	25093	19.08	ug/l	98
4) Vinyl Chloride	1.41	62	29145	19.01	ug/l	100
5) Bromomethane	1.64	94	26439	15.85	ug/l	97
6) Chloroethane	1.73	64	19817	20.45	ug/l	97
7) Trichlorofluoromethane	1.93	101	50699	19.93	ug/l	100
8) Diethyl Ether	2.20	74	18003	19.29	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27193	19.14	ug/l	99
10) Methyl Iodide	2.52	142	23600	17.98	ug/l	99
11) Tert butyl alcohol	3.08	59	53563	85.04	ug/l	99
12) 1,1-Dichloroethene	2.38	96	25323	19.42	ug/l	95
13) Acrolein	2.30	56	36415	109.97	ug/l	100
14) Allyl chloride	2.73	41	44235	18.36	ug/l	97
15) Acrylonitrile	3.16	53	105352	96.11	ug/l	100
16) Acetone	2.45	43	113575	92.26	ug/l	99
17) Carbon Disulfide	2.57	76	62747	17.56	ug/l	97
18) Methyl Acetate	2.79	43	50071	19.10	ug/l	97
19) Methyl tert-butyl Ether	3.22	73	91653	19.73	ug/l	97
20) Methylene Chloride	2.87	84	27979	19.06	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	27387	19.09	ug/l	98
22) Diisopropyl ether	3.89	45	68937	16.66	ug/l	97
23) Vinyl Acetate	3.84	43	321424	80.61	ug/l	99
24) 1,1-Dichloroethane	3.70	63	44024	17.36	ug/l	98
25) 2-Butanone	4.72	43	131900	86.82	ug/l	99
26) 2,2-Dichloropropane	4.60	77	34778	18.76	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	25087	18.45	ug/l	100
28) Bromochloromethane	5.04	49	22242	20.63	ug/l #	98
29) Tetrahydrofuran	5.18	42	82030	85.97	ug/l	99
30) Chloroform	5.23	83	45093	18.39	ug/l	97
31) Cyclohexane	5.59	56	33963	18.11	ug/l #	92
32) 1,1,1-Trichloroethane	5.51	97	38728	18.22	ug/l	99
36) 1,1-Dichloropropene	5.81	75	32620	17.63	ug/l	99
37) Ethyl Acetate	4.88	43	46530	17.40	ug/l	98
38) Carbon Tetrachloride	5.79	117	32650	17.44	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	38668	17.03	ug/l	99
40) Benzene	6.15	78	95183	17.84	ug/l	95
41) Methacrylonitrile	5.07	41	22716	16.67	ug/l	99
42) 1,2-Dichloroethane	6.21	62	38696	18.49	ug/l	100
43) Isopropyl Acetate	6.48	43	66004	17.08	ug/l	100
44) Trichloroethene	7.23	130	26779	17.54	ug/l	97
45) 1,2-Dichloropropane	7.52	63	24505	18.13	ug/l	94
46) Dibromomethane	7.68	93	18797	17.58	ug/l	96
47) Bromodichloromethane	7.91	83	34412	18.30	ug/l	99
48) Methyl methacrylate	7.79	41	32649	17.15	ug/l	97
49) 1,4-Dioxane	7.77	88	14807	342.59	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	252691	86.61	ug/l	99
52) Toluene	8.79	92	65706	17.97	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	39402	17.78	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	37996	17.72	ug/l	93
55) 1,1,2-Trichloroethane	9.23	97	27820	18.78	ug/l	97
56) Ethyl methacrylate	9.20	69	39562	17.85	ug/l	95
57) 1,3-Dichloropropane	9.38	76	44197	17.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	114515	102.33	ug/l	99
59) 2-Hexanone	9.51	43	213697	85.90	ug/l	99
60) Dibromochloromethane	9.59	129	26124	16.73	ug/l	99
61) 1,2-Dibromoethane	9.68	107	29649	18.03	ug/l	99
64) Tetrachloroethene	9.34	164	26529	18.15	ug/l	97
65) Chlorobenzene	10.15	112	77874	18.46	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	25672	17.80	ug/l	99
67) Ethyl Benzene	10.26	91	131998	17.93	ug/l	98
68) m/p-Xylenes	10.37	106	103853	36.65	ug/l	100
69) o-Xylene	10.71	106	49393	18.14	ug/l	97
70) Styrene	10.72	104	82114	18.18	ug/l	99
71) Bromoform	10.87	173	19997	15.86	ug/l #	98
73) Isopropylbenzene	11.02	105	134589	17.74	ug/l	100
74) N-amyl acetate	6.48	43	66004	17.01	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	48496	18.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	54977	22.64	ug/l	80
77) Bromobenzene	11.26	156	34160	17.42	ug/l	94
78) n-propylbenzene	11.37	91	162692	18.23	ug/l	97
79) 2-Chlorotoluene	11.43	91	91941	18.26	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	114253	18.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	12037	15.18	ug/l #	86
82) 4-Chlorotoluene	11.52	91	112243	18.33	ug/l	97
83) tert-Butylbenzene	11.78	119	112738	18.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	118376	18.18	ug/l	100
85) sec-Butylbenzene	11.96	105	144657	18.56	ug/l	98
86) p-Isopropyltoluene	12.07	119	126388	18.39	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	67126	18.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	70527	18.05	ug/l	97
89) n-Butylbenzene	12.40	91	119872	18.11	ug/l	99
90) Hexachloroethane	12.60	117	18232	16.46	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	65641	17.78	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12325	16.50	ug/l	93

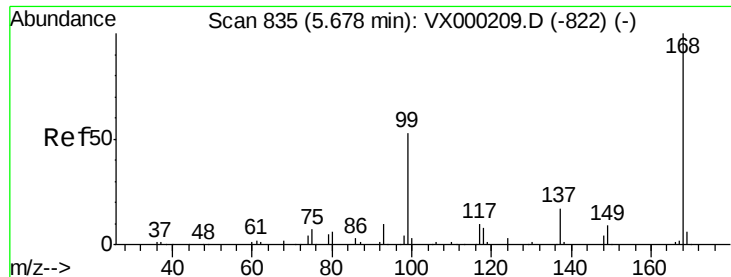
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47871	17.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	19132	17.12	ug/l	98
95) Naphthalene	13.84	128	169783	18.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	48143	18.12	ug/l	98

(#) = 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: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

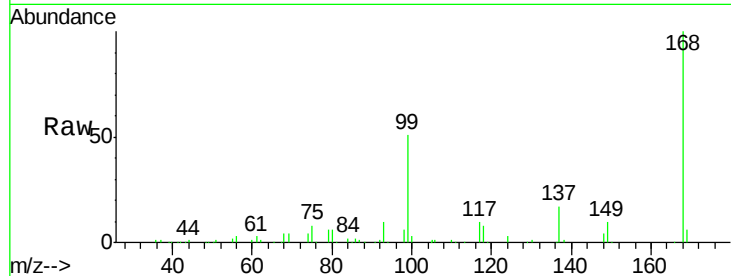
ClientSampleId :

Tot Ion:168 Resp: 123655

Ion Ratio Lower Upper

168 100

99 51.1 42.8 64.2

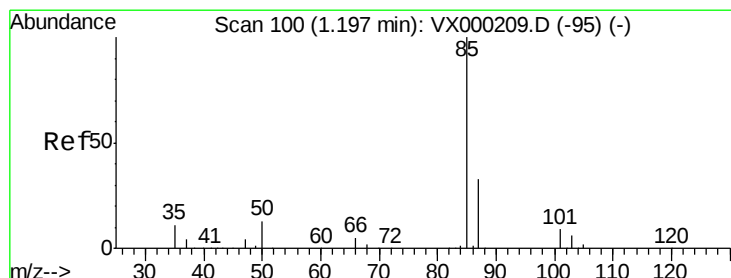
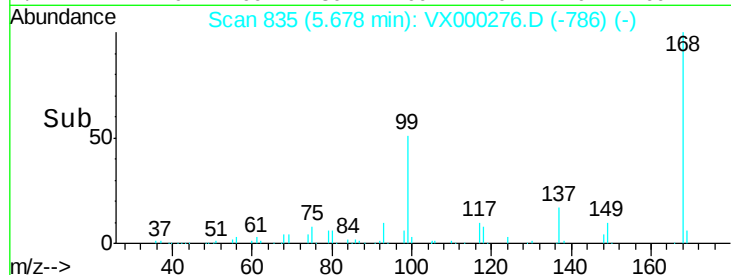


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 17.43 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000276.D

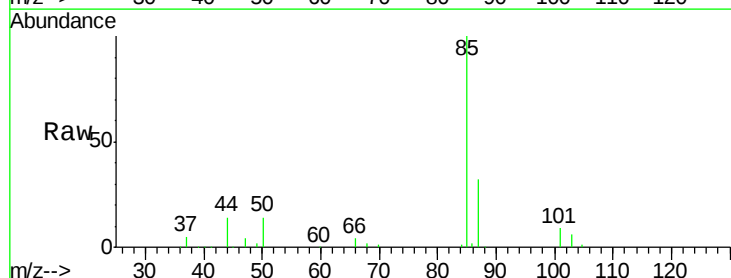
Acq: 12 Mar 2018 13:48

Tgt Ion: 85 Resp: 23485

Ion Ratio Lower Upper

85 100

87 32.3 16.7 50.0

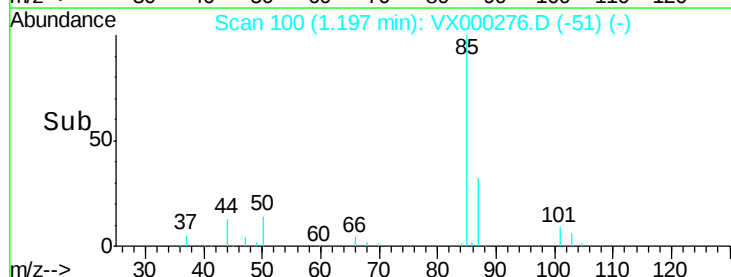


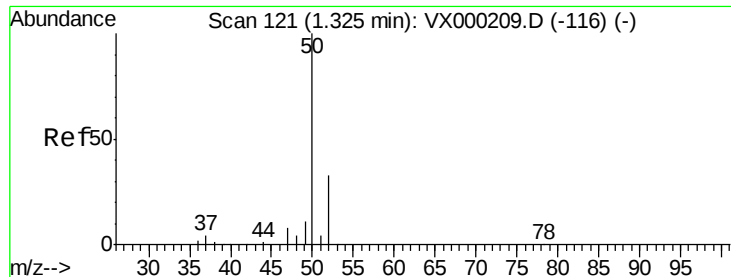
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 19.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

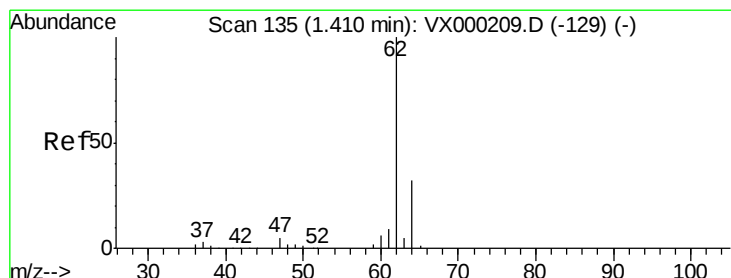
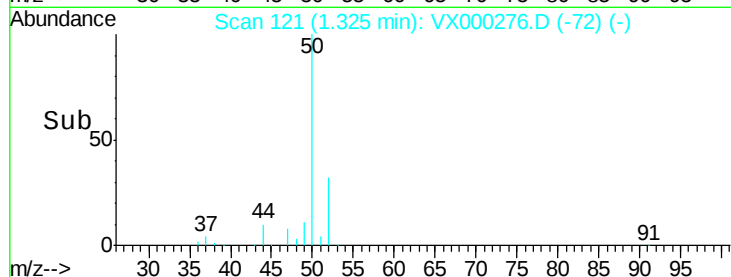
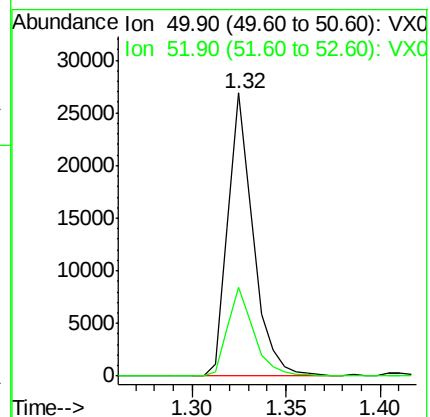
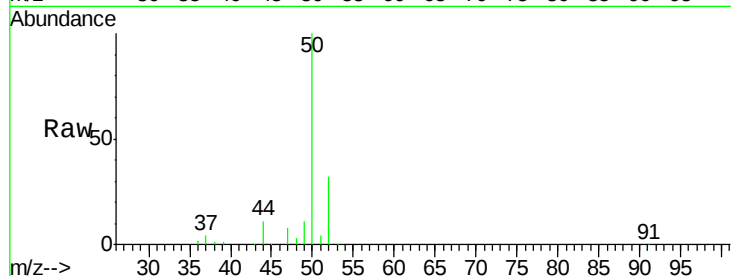
ClientSampleId :

Tot Ion: 50 Resp: 25093

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.2



#4

Vinyl Chloride

Concen: 19.01 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000276.D

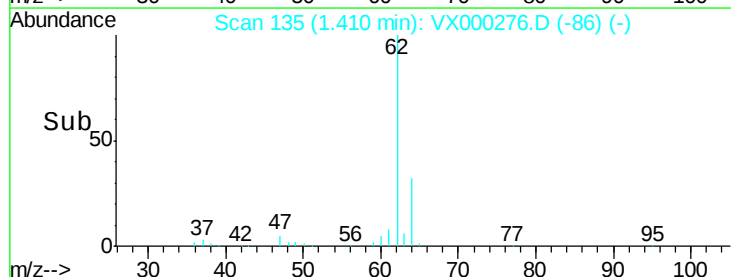
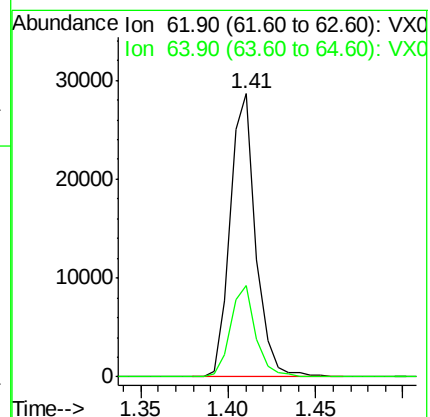
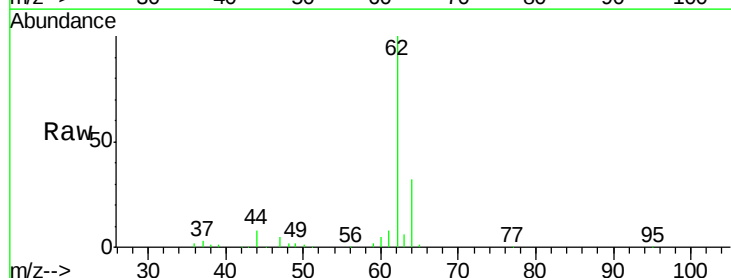
Acq: 12 Mar 2018 13:48

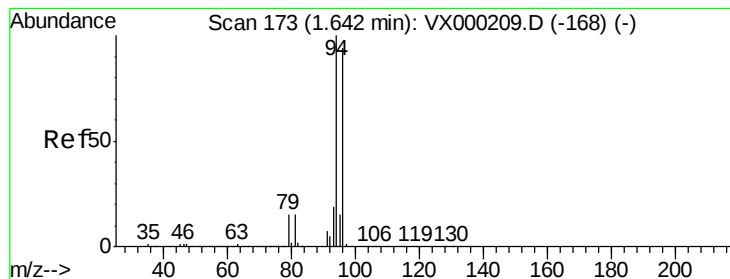
Tgt Ion: 62 Resp: 29145

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 15.85 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

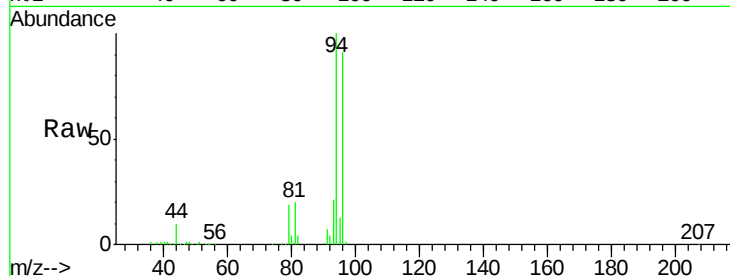
ClientSampleId :

Tot Ion: 94 Resp: 26439

Ion Ratio Lower Upper

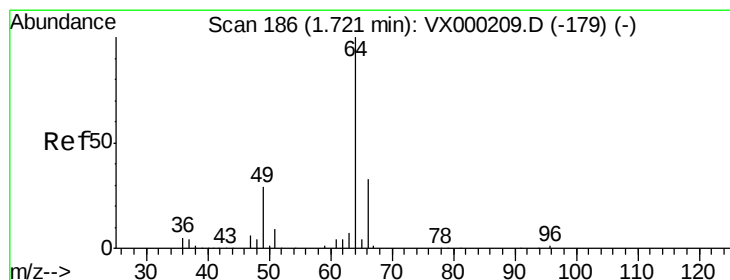
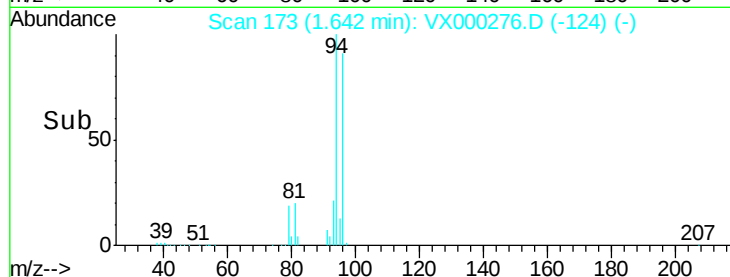
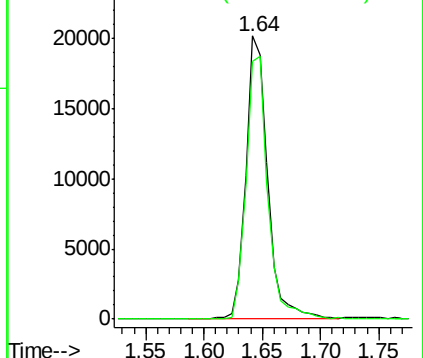
94 100

96 90.9 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: 20.45 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000276.D

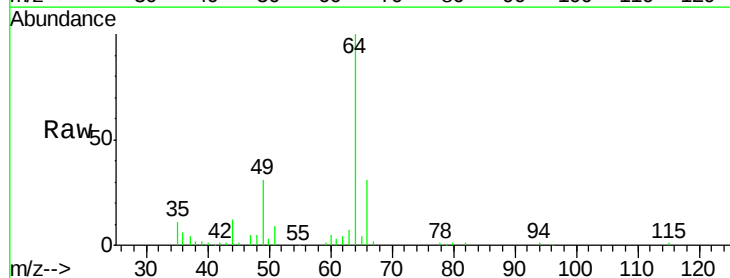
Acq: 12 Mar 2018 13:48

Tgt Ion: 64 Resp: 19817

Ion Ratio Lower Upper

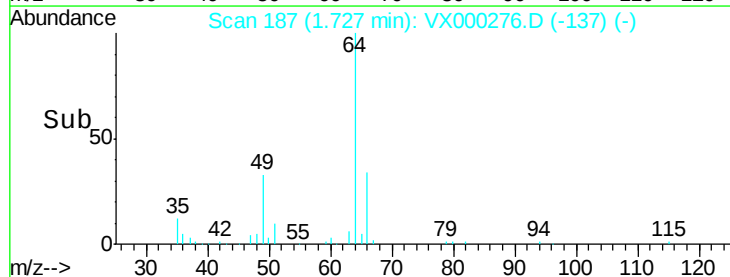
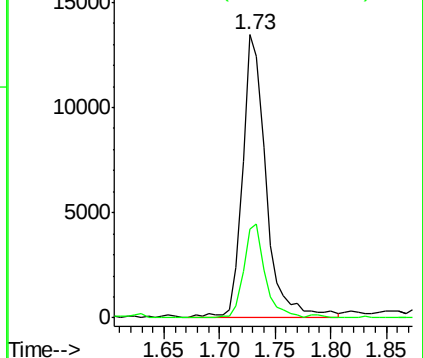
64 100

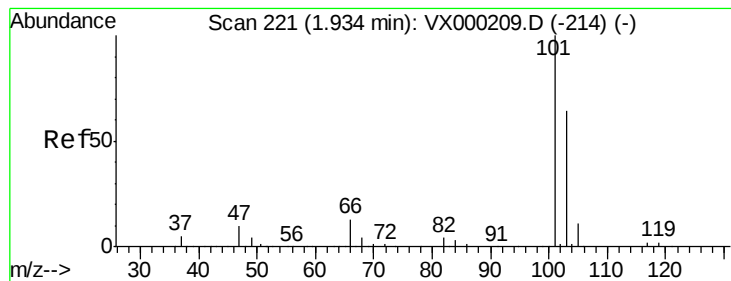
66 31.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



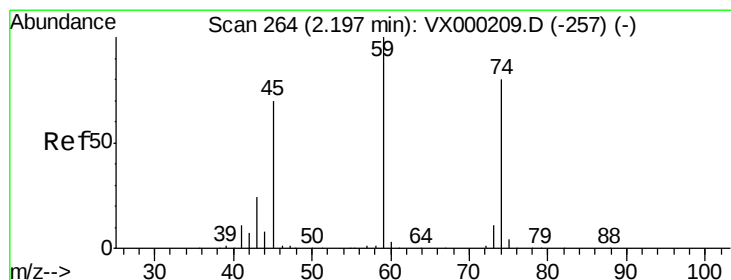
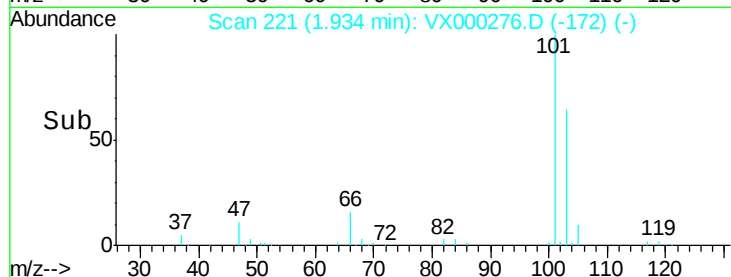
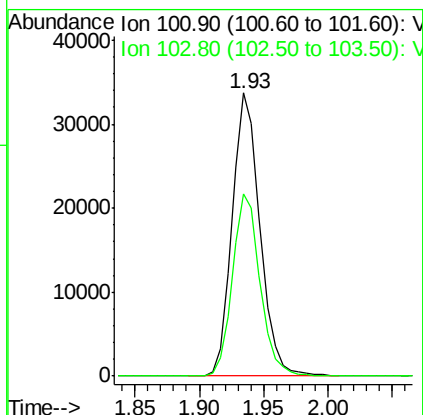
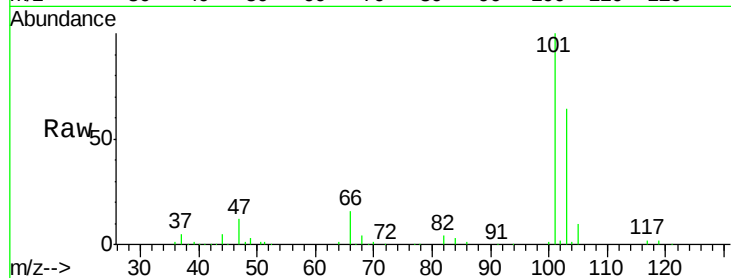


#7

Trichlorofluoromethane
Concen: 19.93 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
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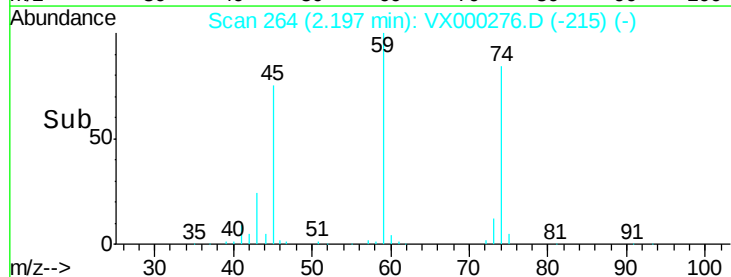
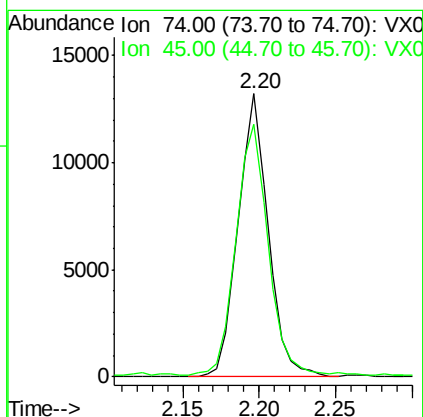
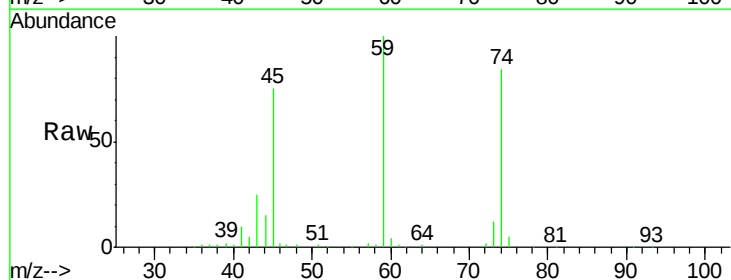
Tot Ion:101 Resp: 50699
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

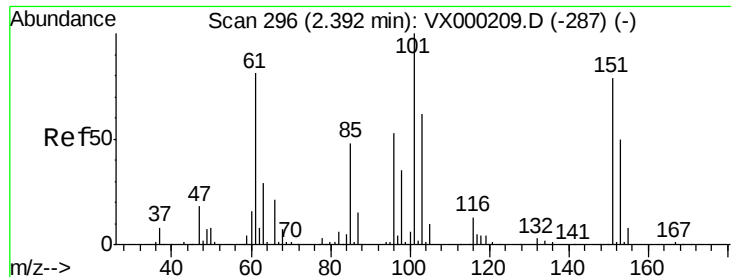


#8

Diethyl Ether
Concen: 19.29 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 74 Resp: 18003
Ion Ratio Lower Upper
74 100
45 94.8 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.14 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

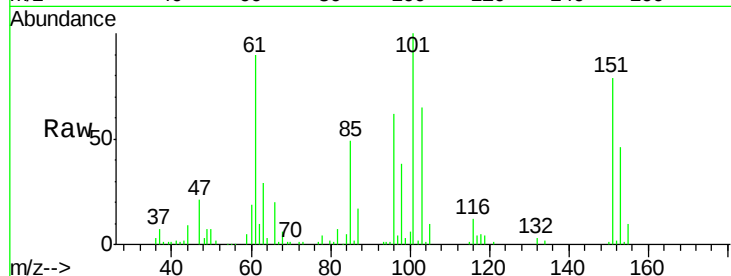
Tot Ion:101 Resp: 27193

Ion Ratio Lower Upper

101 100

85 48.6 38.3 57.5

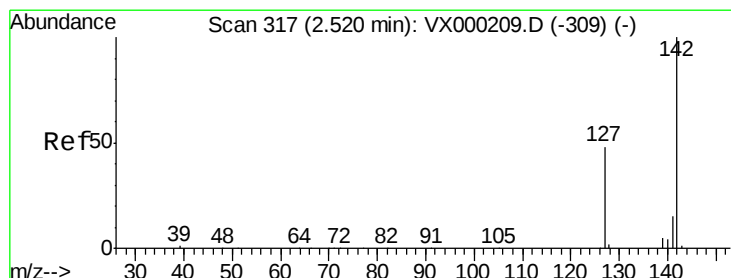
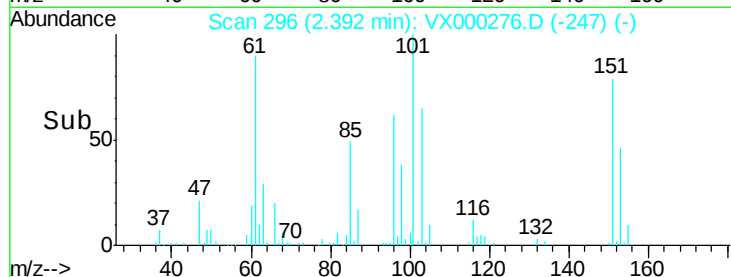
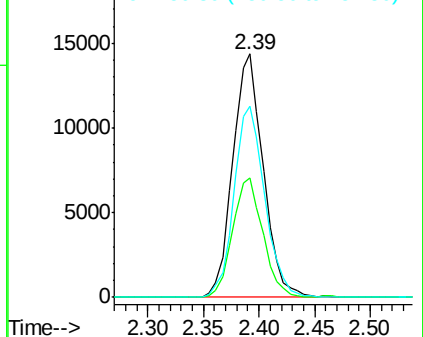
151 79.2 62.8 94.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.98 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000276.D

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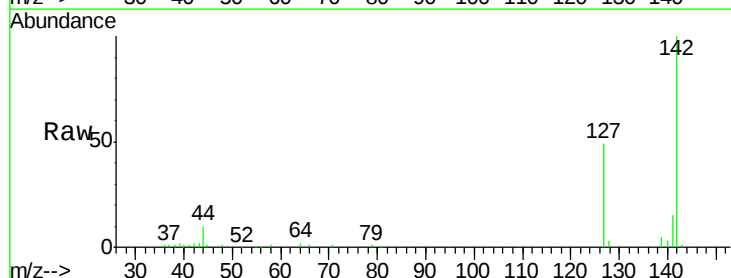
Tgt Ion:142 Resp: 23600

Ion Ratio Lower Upper

142 100

127 49.3 39.0 58.6

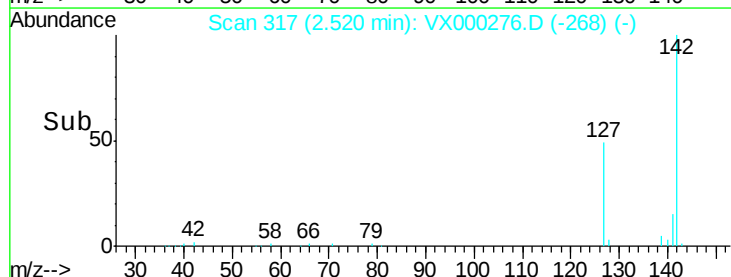
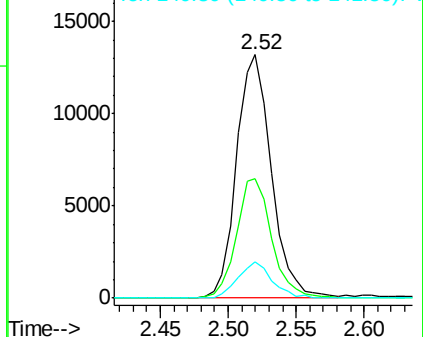
141 14.5 11.6 17.4

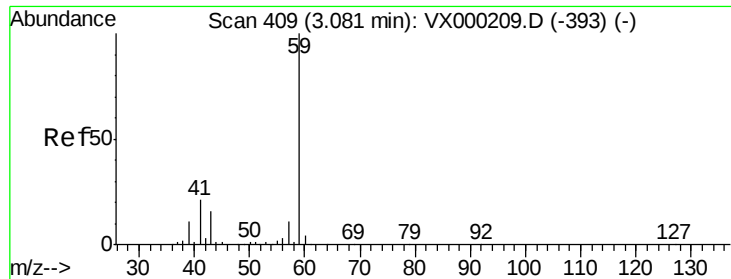


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

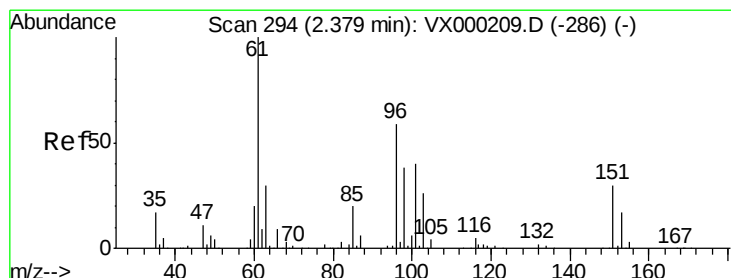
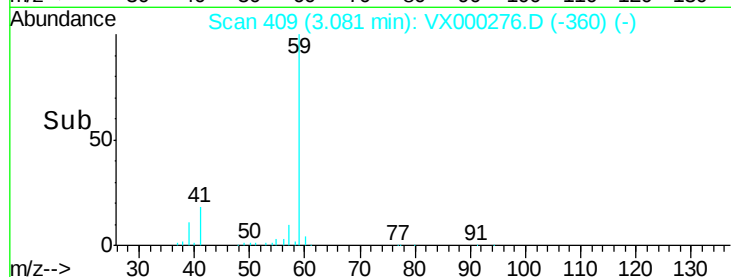
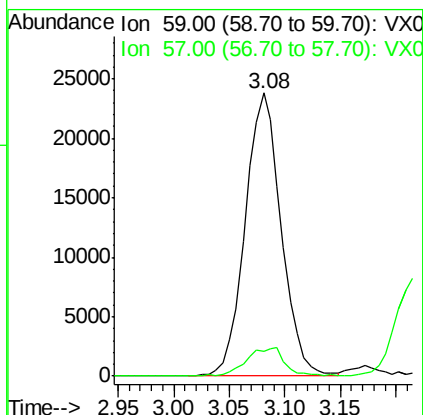
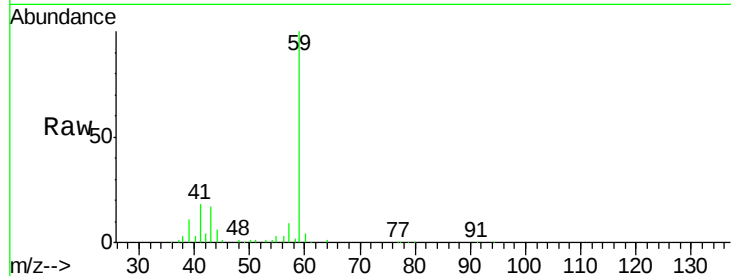




#11
Tert butyl alcohol
Concen: 85.04 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

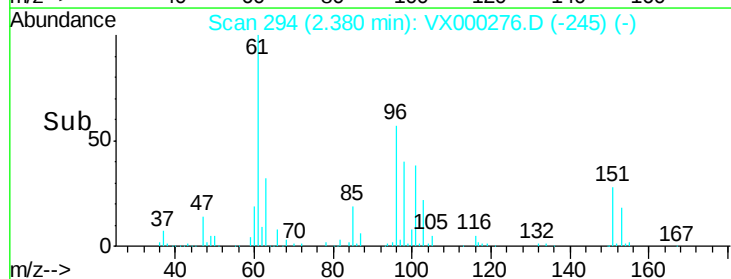
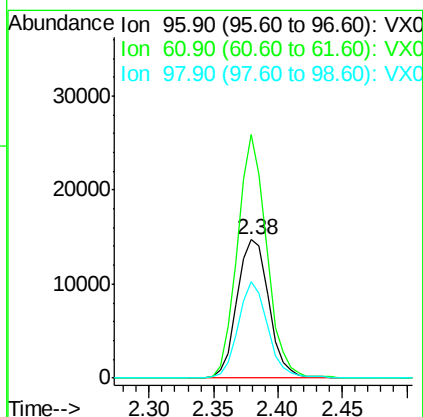
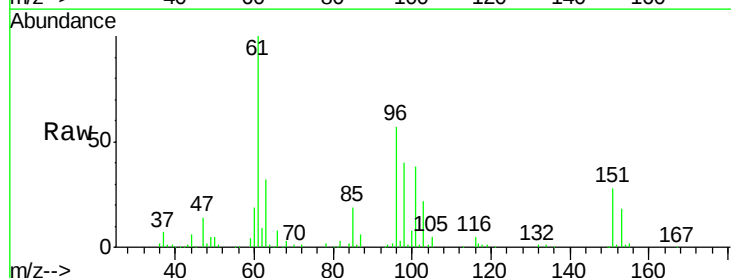
Instrument :
MSVOA_X
ClientSampled :

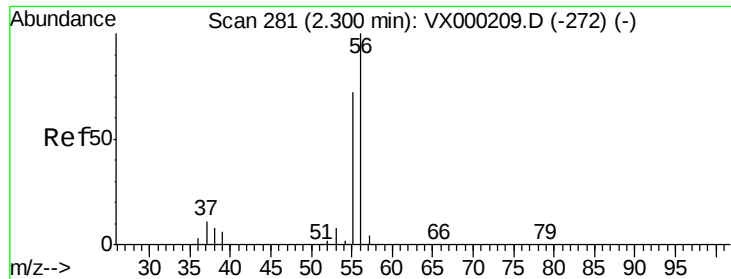
Tot Ion: 59 Resp: 53563
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.42 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 96 Resp: 25323
Ion Ratio Lower Upper
96 100
61 175.8 135.8 203.6
98 69.7 51.1 76.7

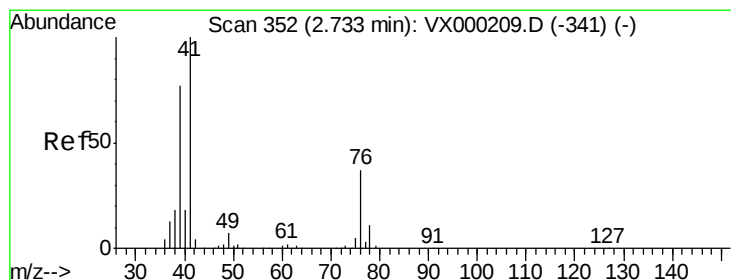
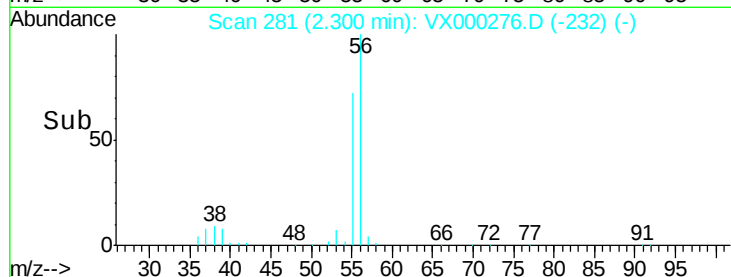
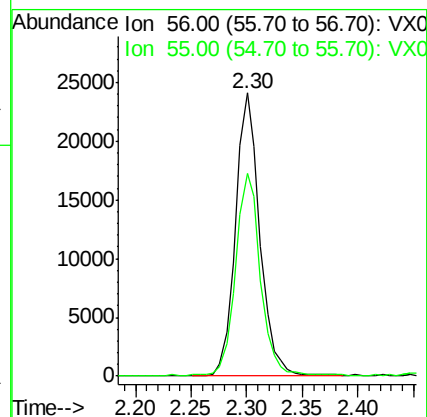
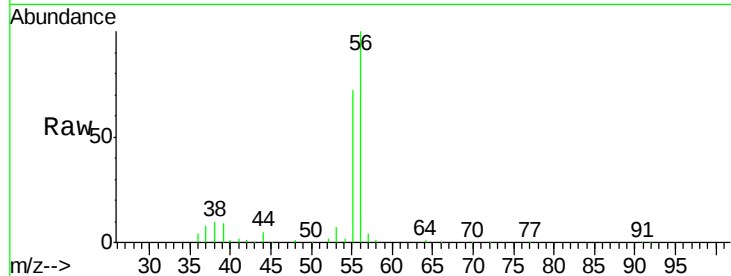




#13
Acrolein
Concen: 109.97 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

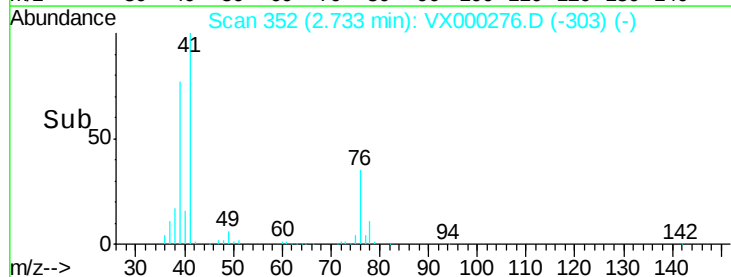
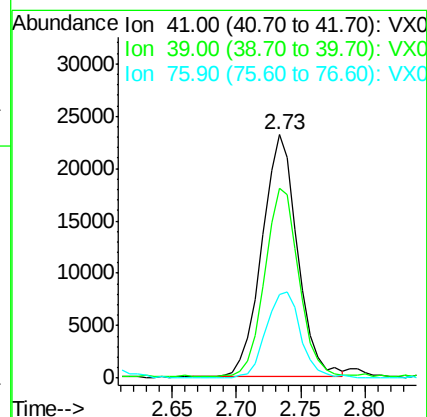
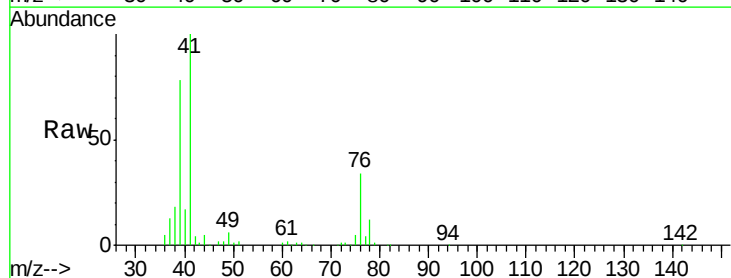
Instrument :
MSVOA_X
ClientSampled :

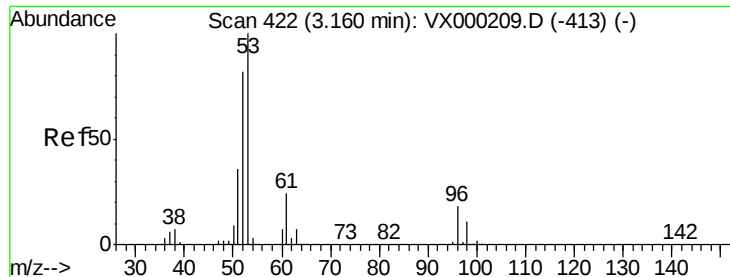
Tot Ion: 56 Resp: 36415
Ion Ratio Lower Upper
56 100
55 73.9 59.2 88.8



#14
Allyl chloride
Concen: 18.36 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 41 Resp: 44235
Ion Ratio Lower Upper
41 100
39 74.1 57.0 85.6
76 35.1 26.8 40.2





#15

Acrylonitrile

Concen: 96.11 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

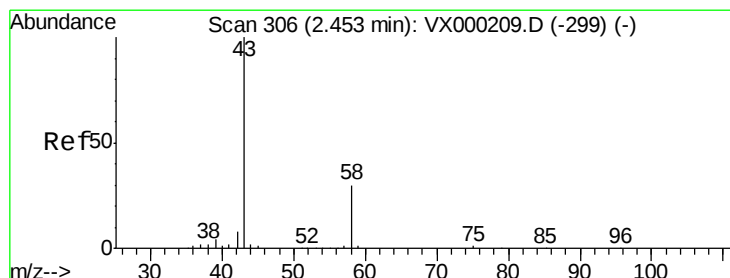
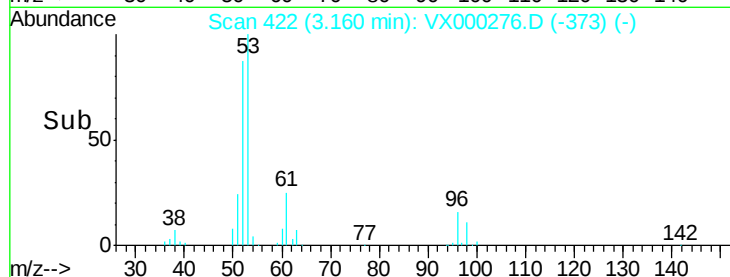
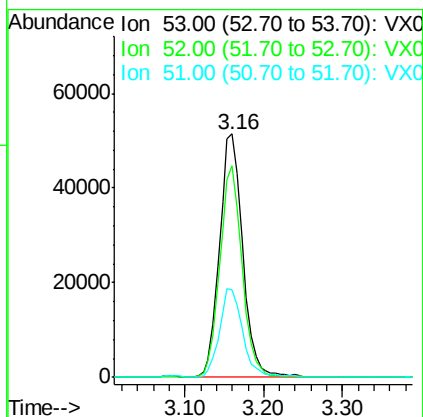
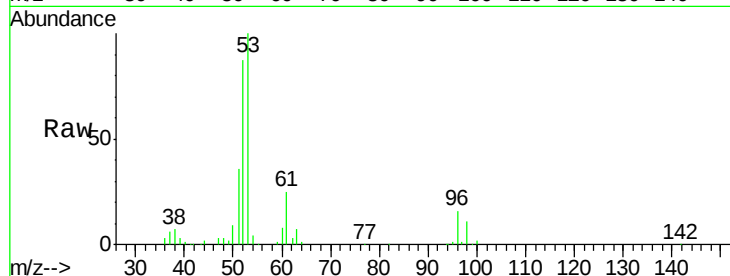
Tot Ion: 53 Resp: 105352

Ion Ratio Lower Upper

53 100

52 82.7 66.3 99.5

51 37.1 29.6 44.4



#16

Acetone

Concen: 92.26 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000276.D

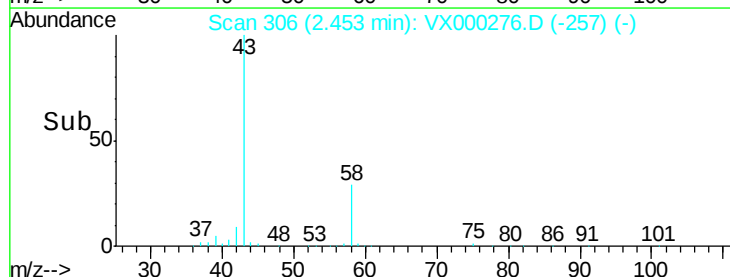
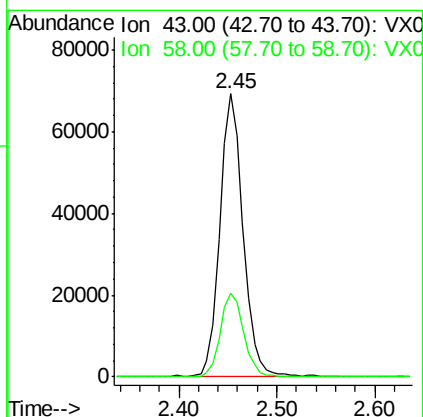
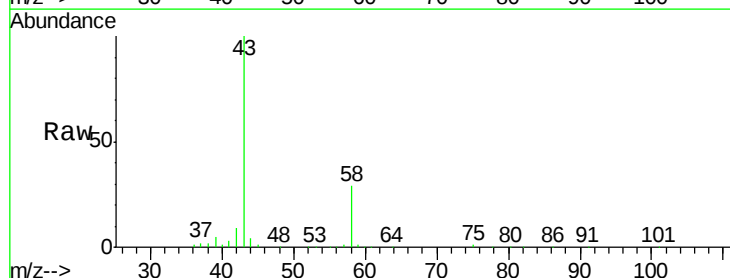
Acq: 12 Mar 2018 13:48

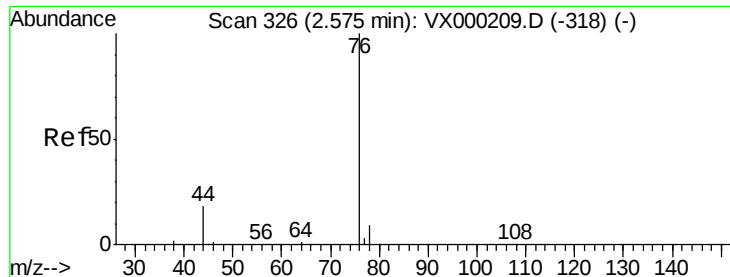
Tgt Ion: 43 Resp: 113575

Ion Ratio Lower Upper

43 100

58 29.4 23.8 35.6

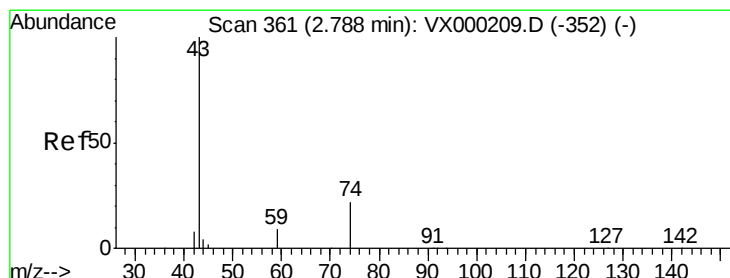
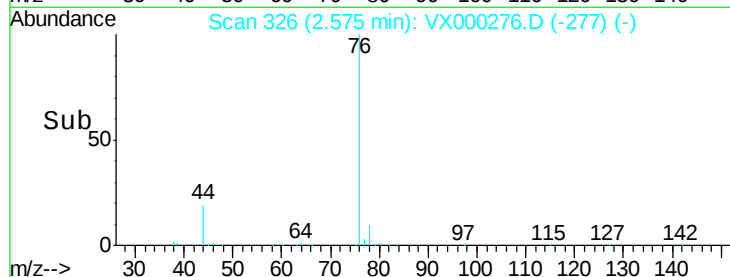
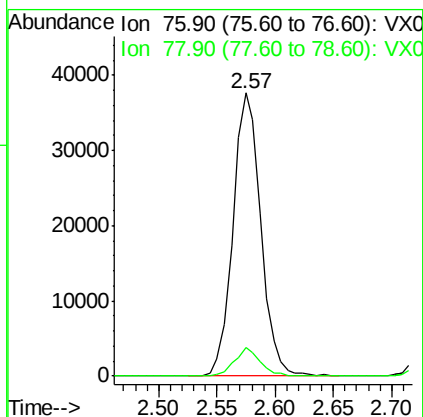
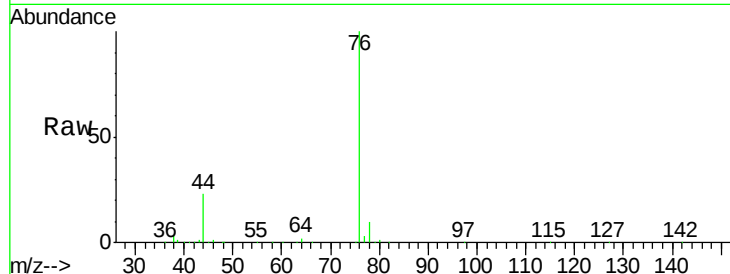




#17
Carbon Disulfide
Concen: 17.56 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

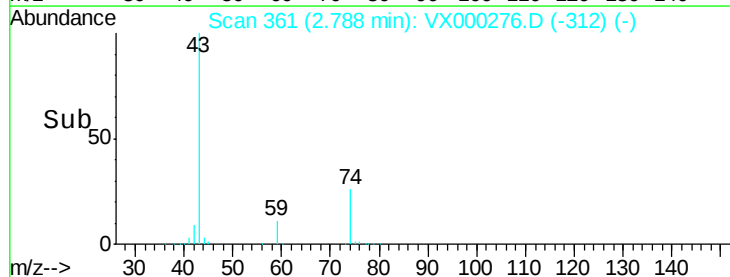
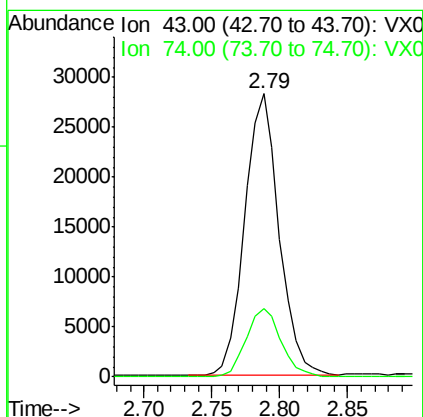
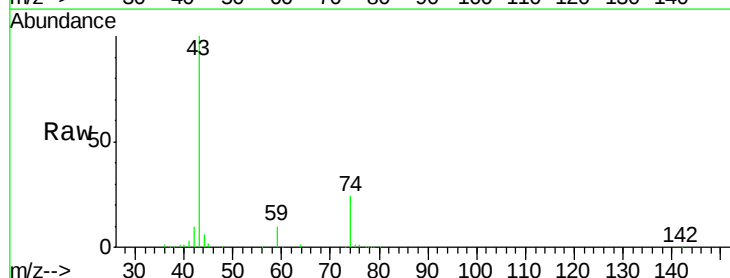
Instrument :
MSVOA_X
ClientSampleId :

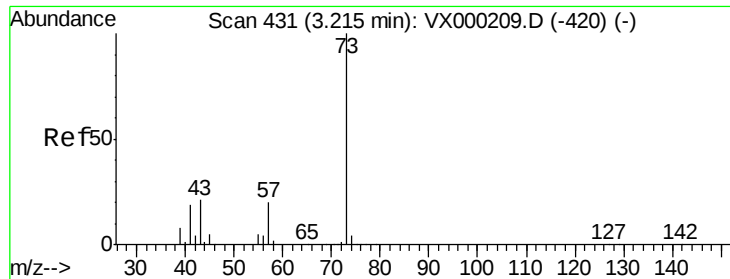
Tot Ion: 76 Resp: 62747
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#18
Methyl Acetate
Concen: 19.10 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 43 Resp: 50071
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3

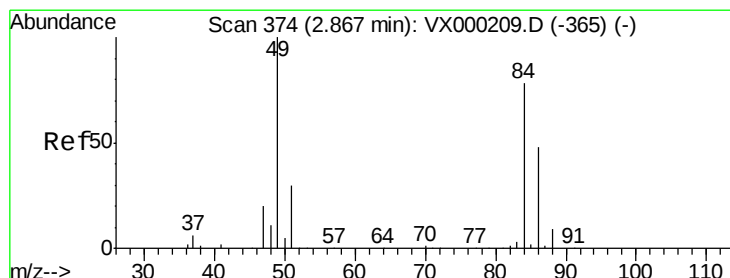
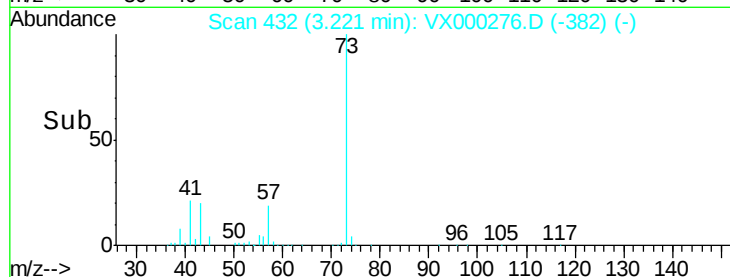
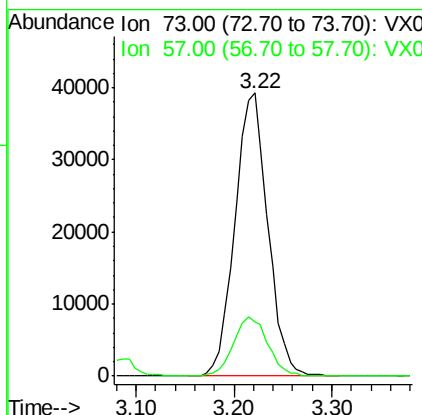
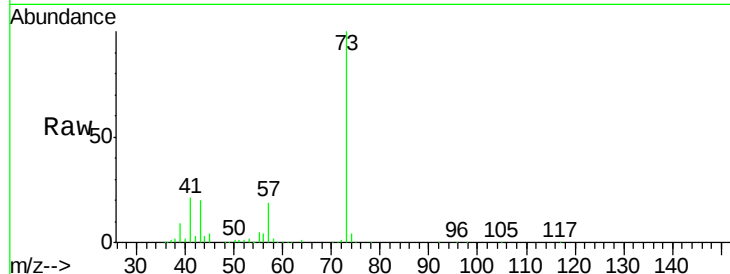




#19
Methvl tert-butvl Ether
Concen: 19.73 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

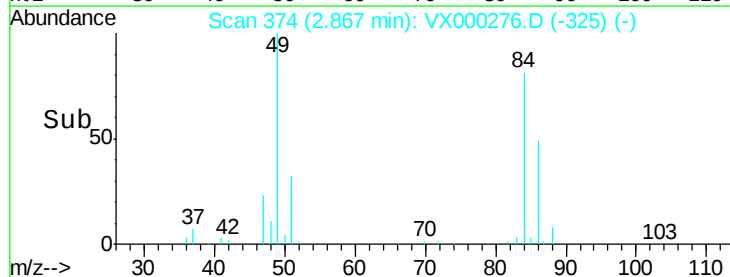
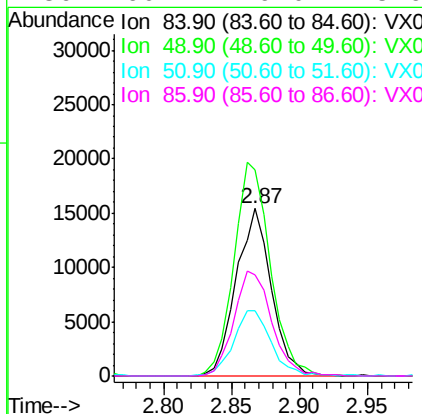
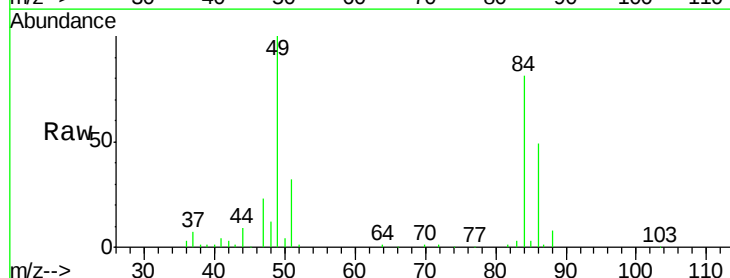
Instrument :
MSVOA_X
ClientSampled :

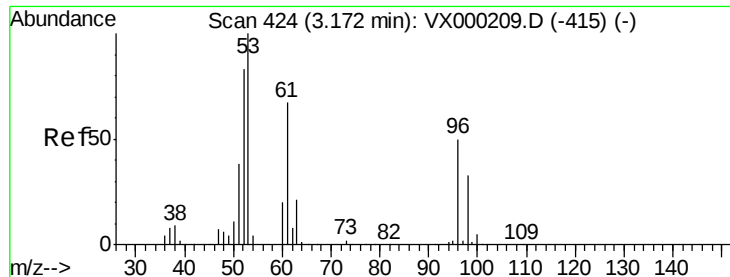
Tot Ion: 73 Resp: 91653
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5



#20
Methylene Chloride
Concen: 19.06 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 84 Resp: 27979
Ion Ratio Lower Upper
84 100
49 122.9 102.1 153.1
51 39.0 30.6 45.8
86 60.1 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.09 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

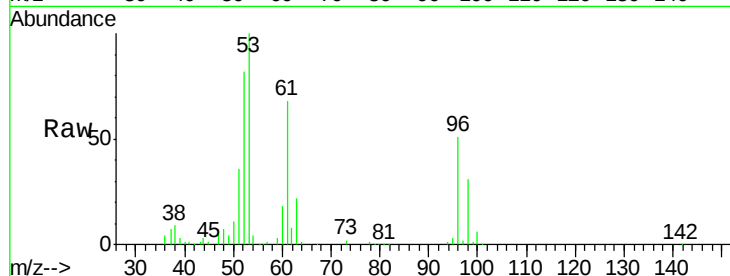
Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 27387

Ion	Ratio	Lower	Upper
96	100		
61	134.3	107.0	160.4
98	61.4	51.8	77.8

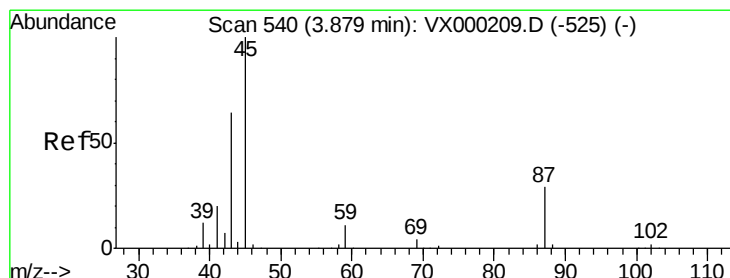
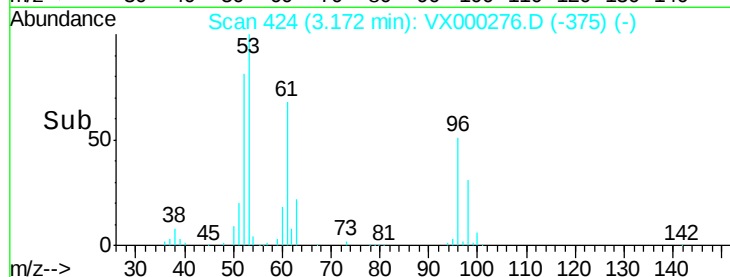
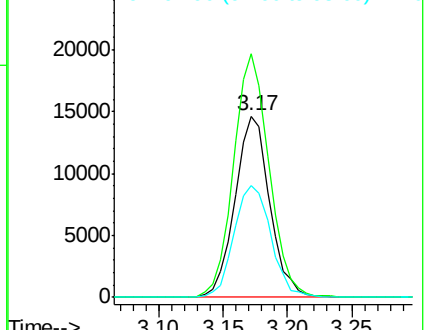


Abundance

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: 16.66 ug/l

RT: 3.89 min Scan# 541

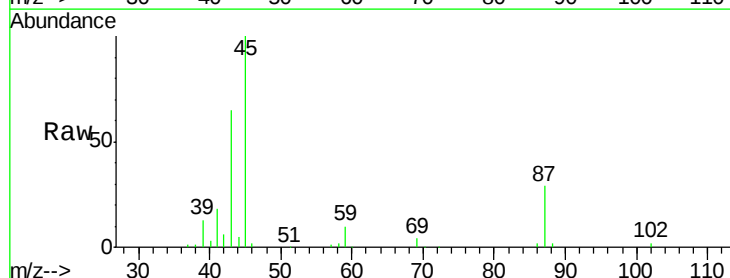
Delta R.T. 0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion: 45 Resp: 68937

Ion	Ratio	Lower	Upper
45	100		
43	63.0	53.5	80.3
87	28.7	23.3	34.9
59	10.5	9.0	13.6



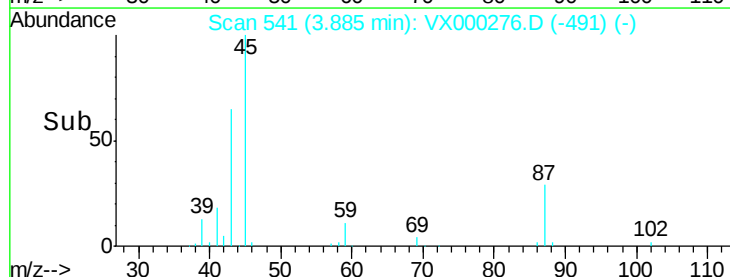
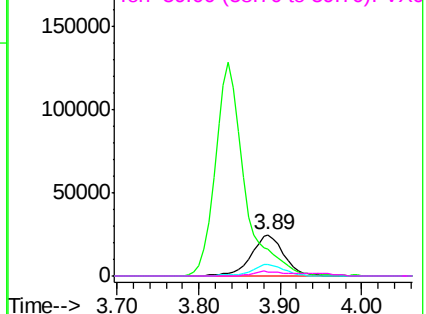
Abundance

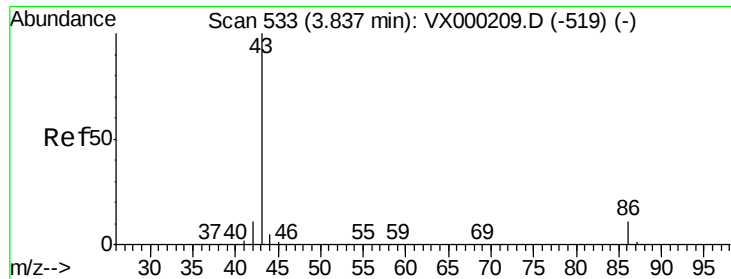
Ion 45.00 (44.70 to 45.70): VX0

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: 80.61 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

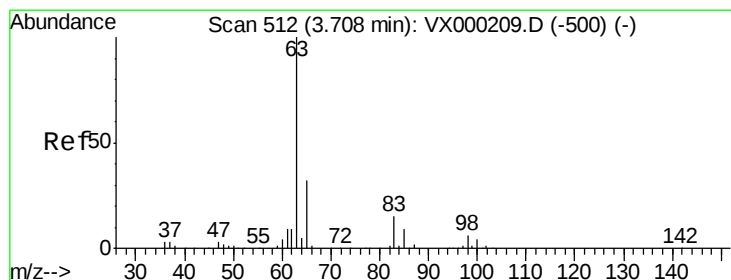
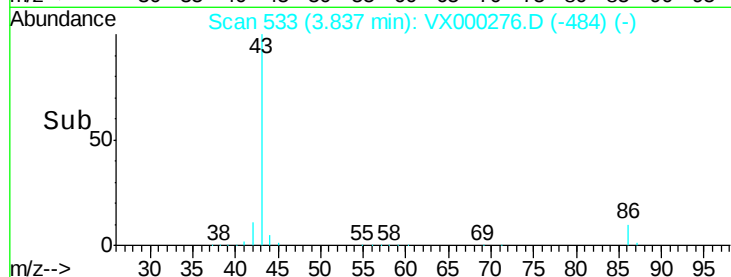
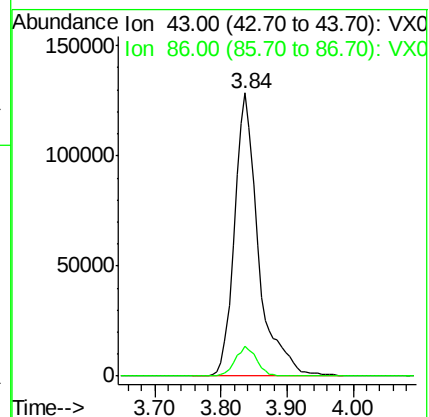
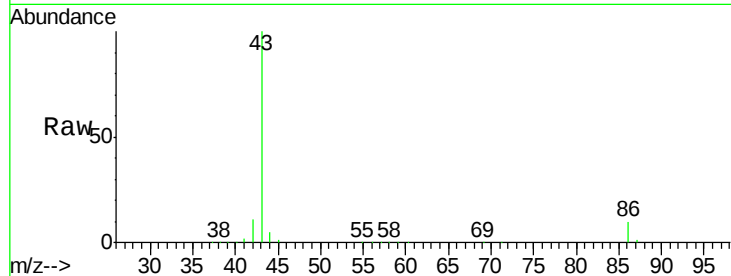
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 321424

Ion Ratio Lower Upper

43 100

86 10.4 8.5 12.7



#24

1,1-Dichloroethane

Concen: 17.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

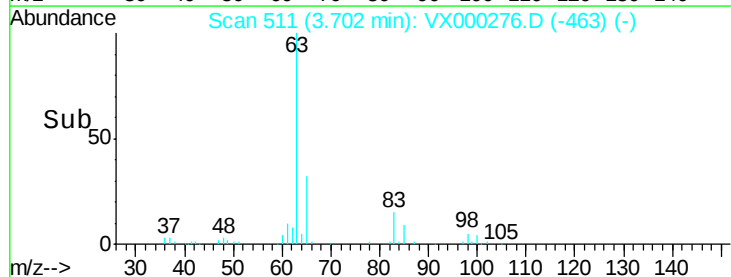
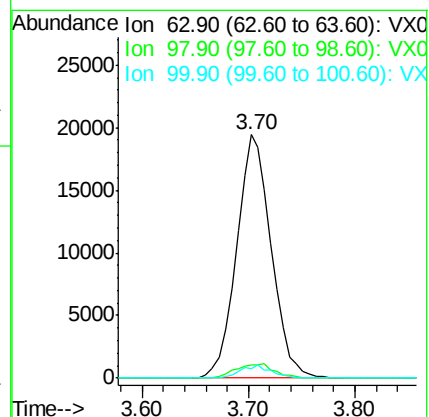
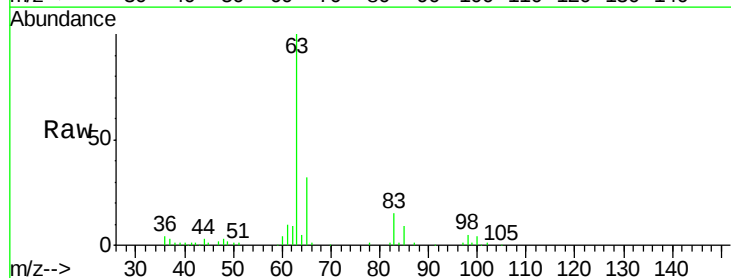
Tgt Ion: 63 Resp: 44024

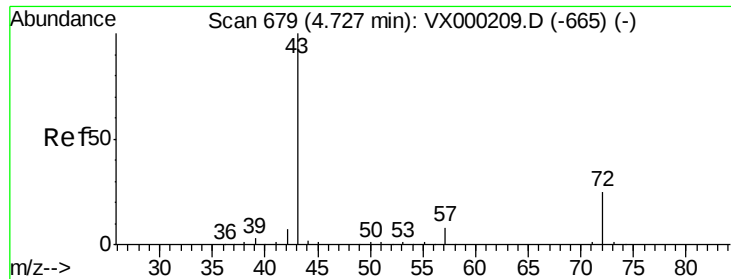
Ion Ratio Lower Upper

63 100

98 5.3 3.1 9.4

100 3.9 2.2 6.6





#25

2-Butanone

Concen: 86.82 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

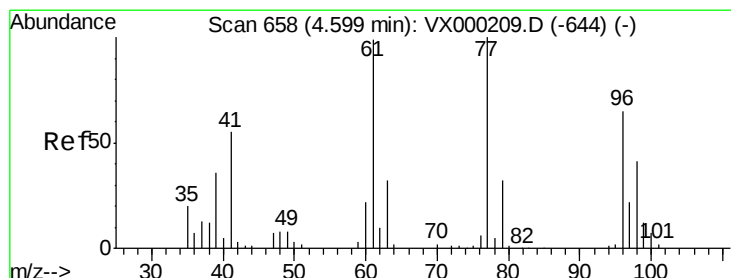
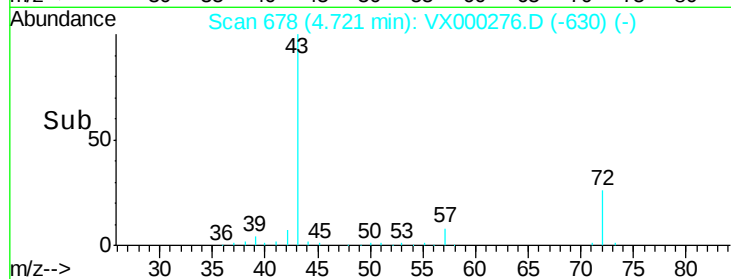
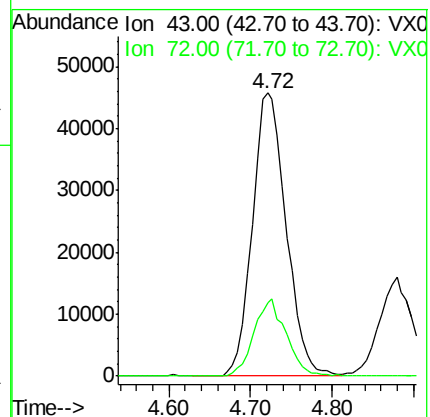
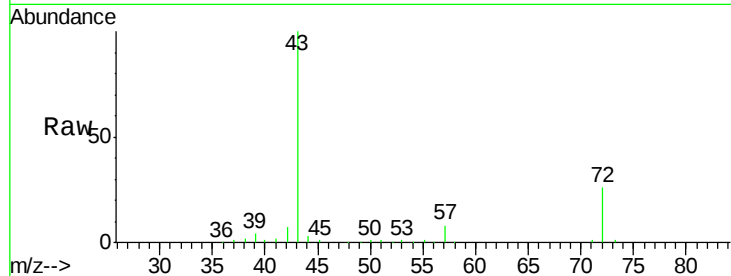
ClientSampled :

Tot Ion: 43 Resp: 131900

Ion Ratio Lower Upper

43 100

72 25.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 18.76 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000276.D

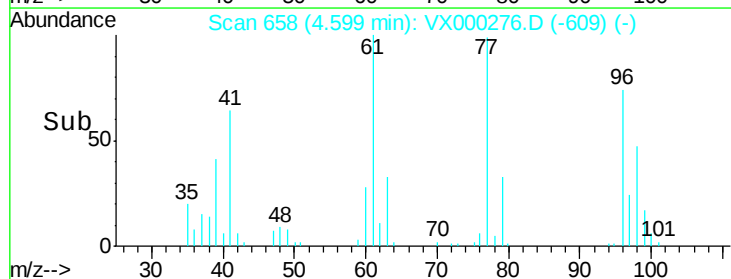
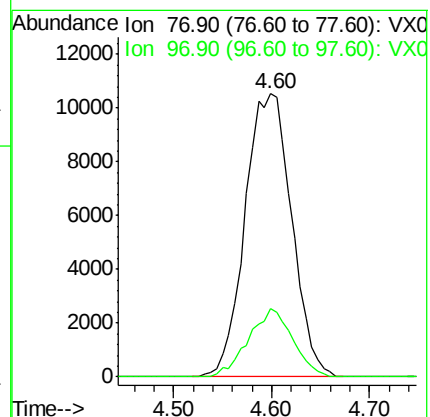
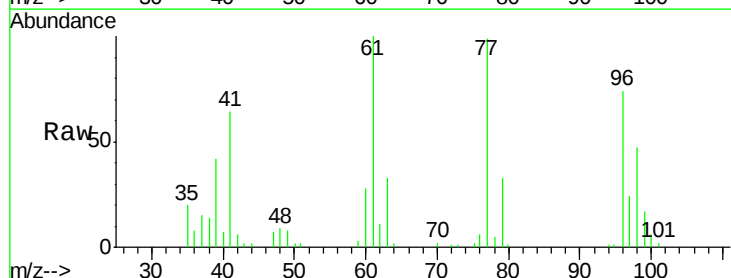
Acq: 12 Mar 2018 13:48

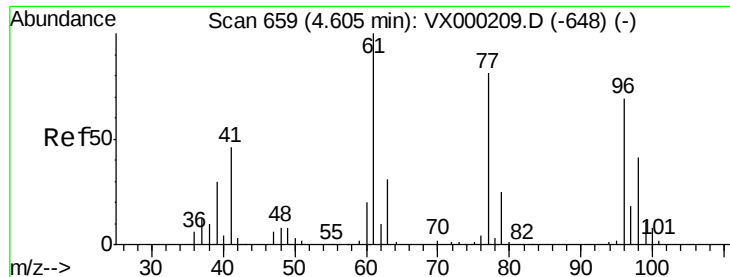
Tgt Ion: 77 Resp: 34778

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1



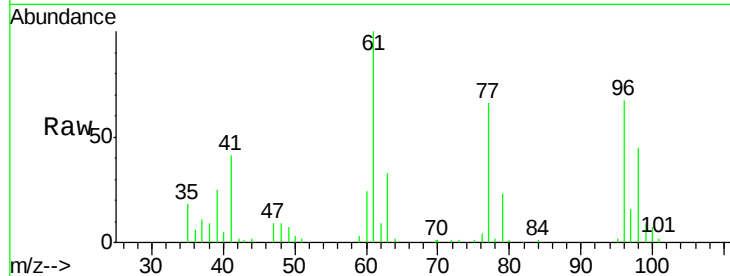


#27

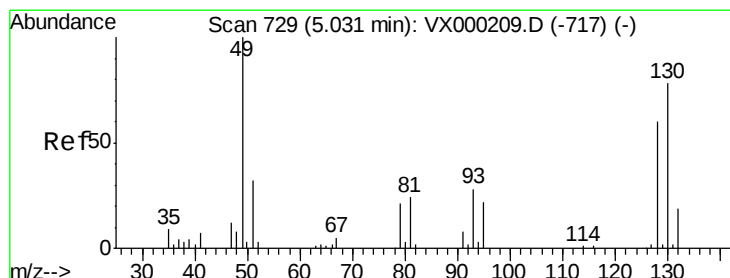
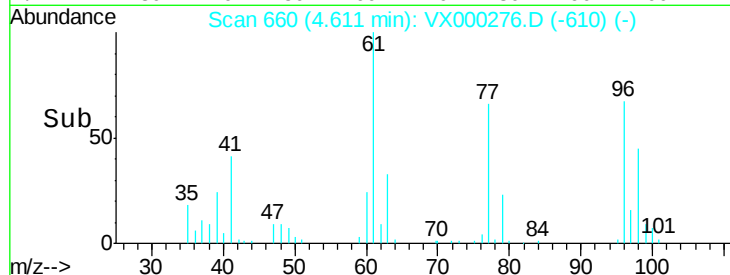
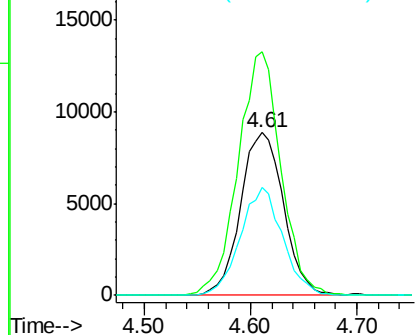
cis-1,2-Dichloroethene
Concen: 18.45 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 25087
Ion Ratio Lower Upper
96 100
61 148.4 0.0 296.4
98 65.0 0.0 130.6



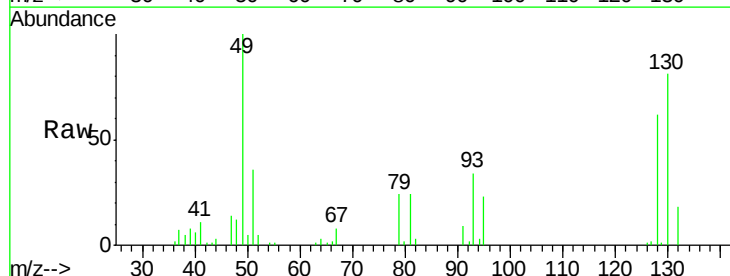
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



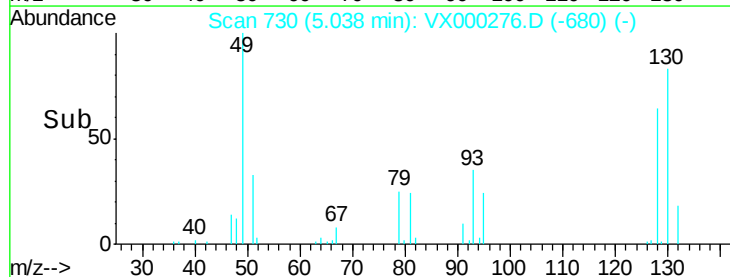
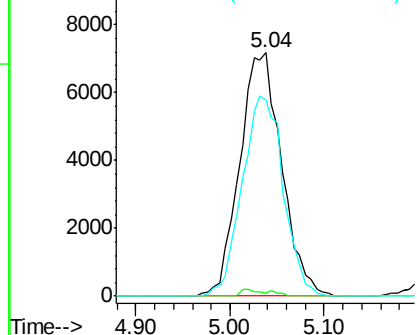
#28

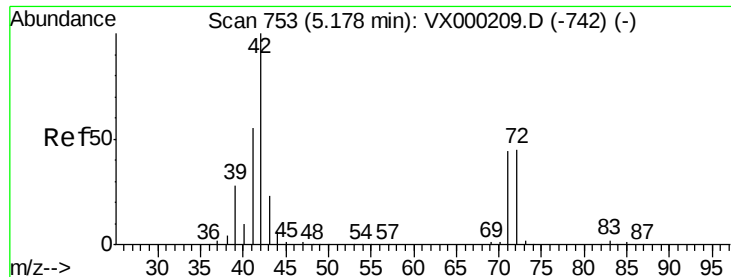
Bromochloromethane
Concen: 20.63 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 49 Resp: 22242
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 80.6 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

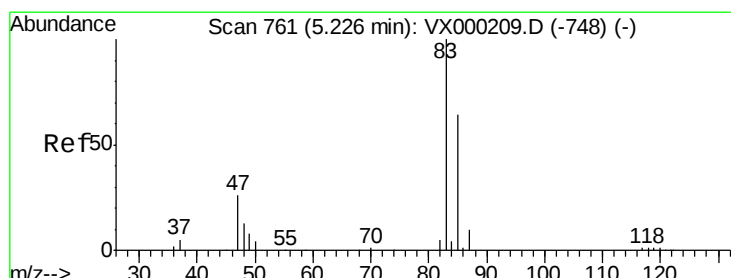
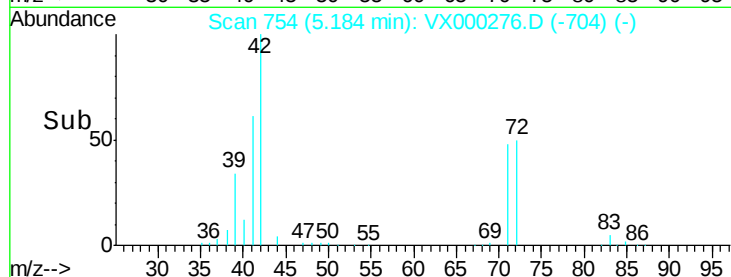
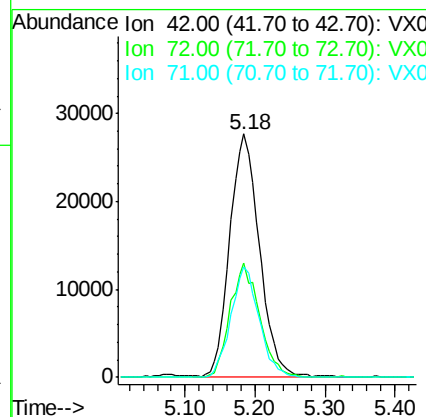
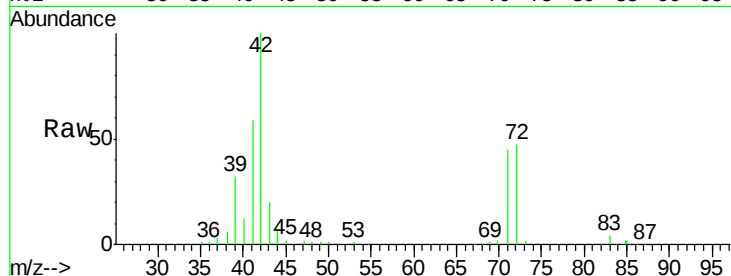




#29
Tetrahydrofuran
Concen: 85.97 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

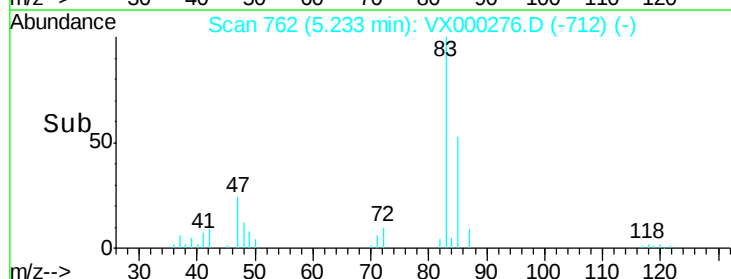
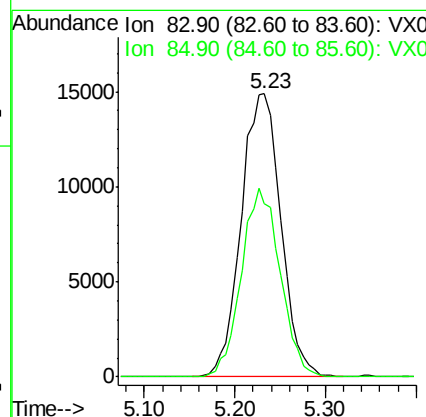
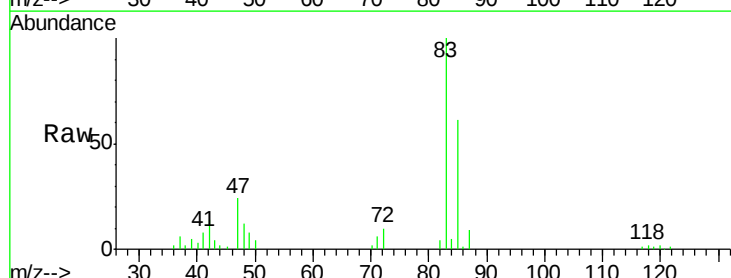
Instrument :
MSVOA_X
ClientSampled :

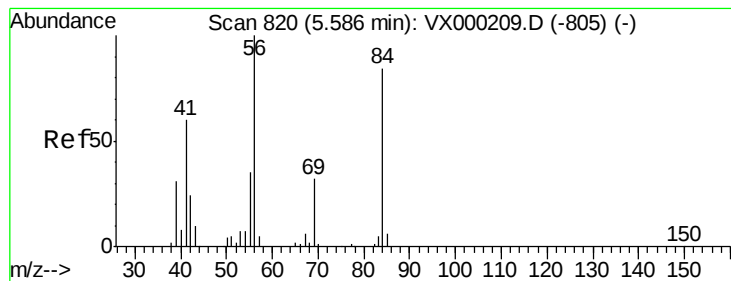
Tot Ion: 42 Resp: 82030
Ion Ratio Lower Upper
42 100
72 46.5 37.3 55.9
71 42.9 35.0 52.4



#30
Chloroform
Concen: 18.39 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 83 Resp: 45093
Ion Ratio Lower Upper
83 100
85 61.2 51.0 76.6





#31

Cyclohexane

Concen: 18.11 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

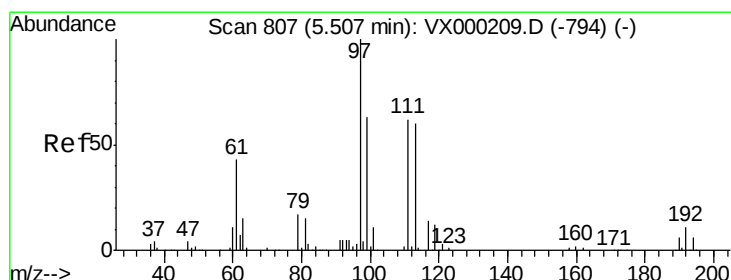
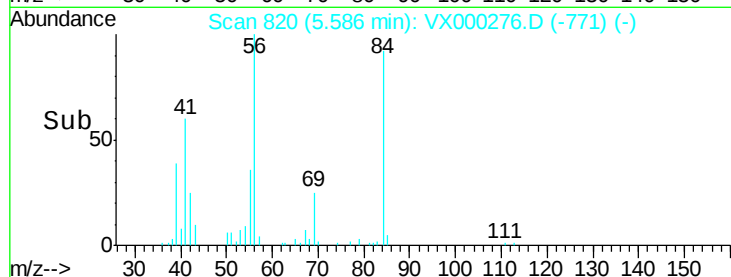
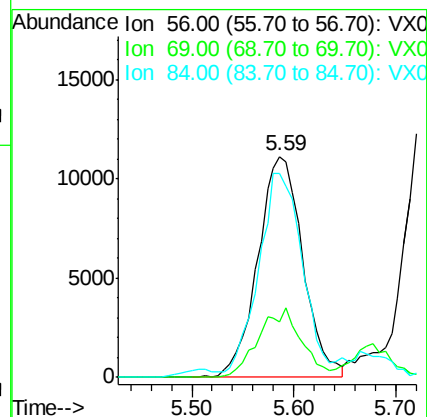
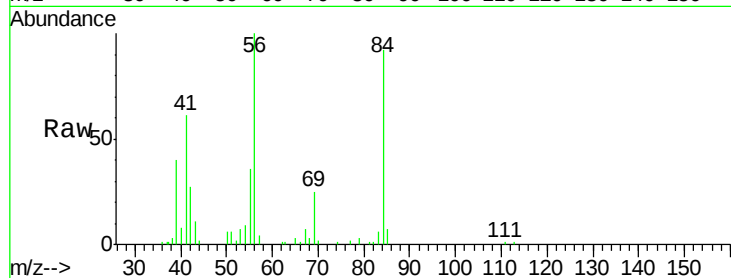
Tot Ion: 56 Resp: 33963

Ion Ratio Lower Upper

56 100

69 24.9 25.3 37.9#

84 89.3 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 18.22 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

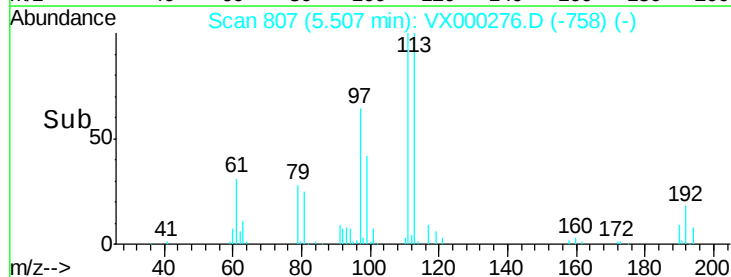
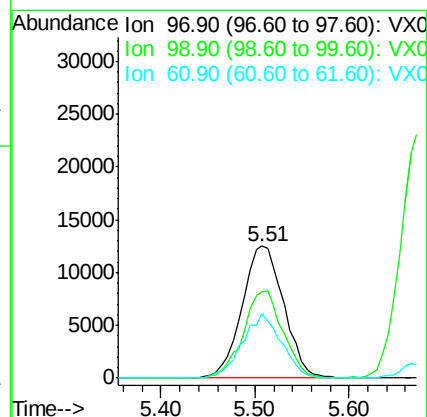
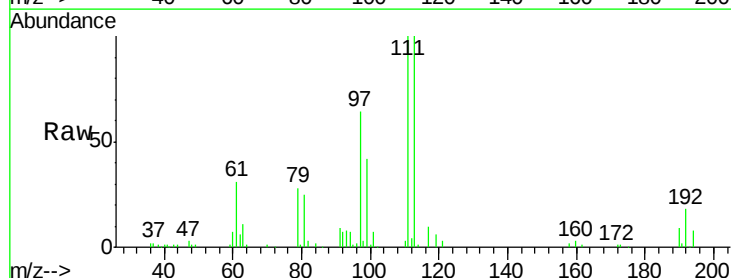
Tgt Ion: 97 Resp: 38728

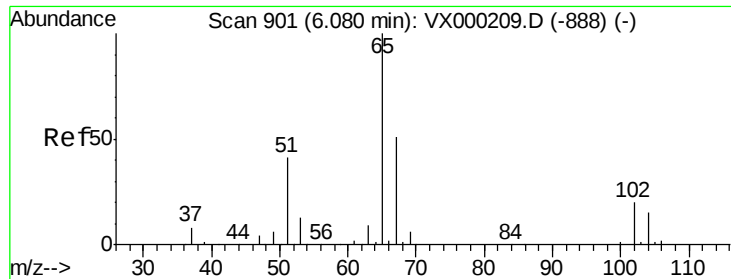
Ion Ratio Lower Upper

97 100

99 63.2 50.9 76.3

61 45.9 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 45.17 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

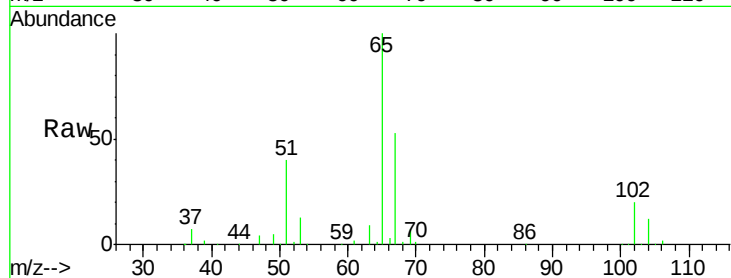
ClientSampleId :

Tot Ion: 65 Resp: 77431

Ion Ratio Lower Upper

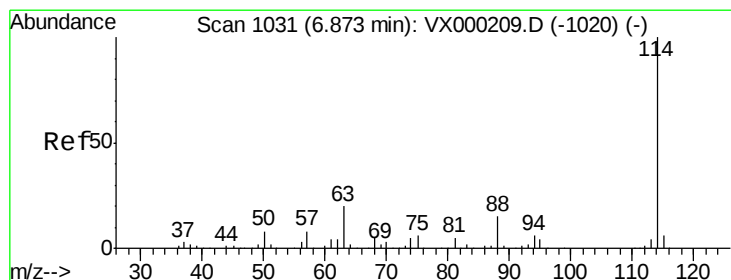
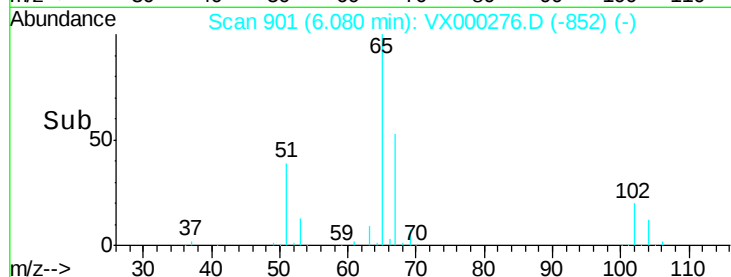
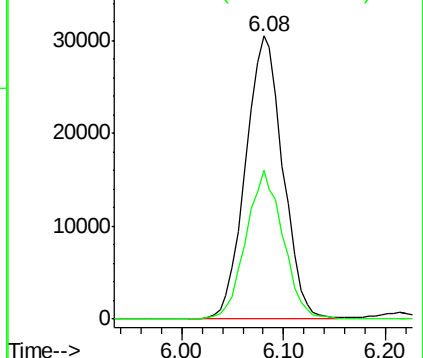
65 100

67 52.1 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

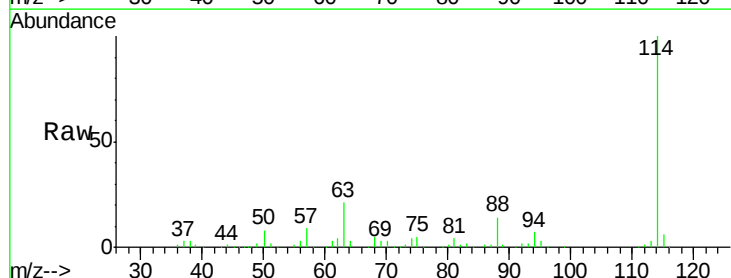
Tgt Ion: 114 Resp: 207910

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

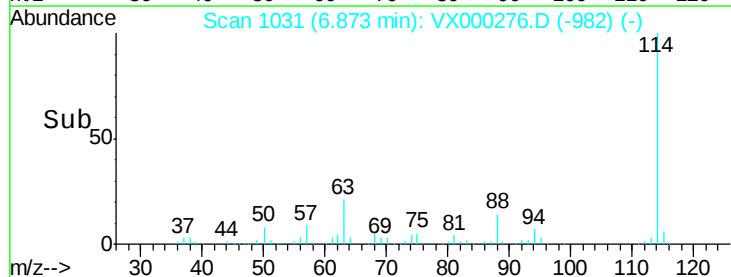
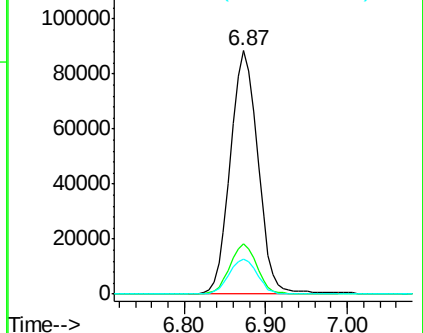
88 14.3 0.0 29.8

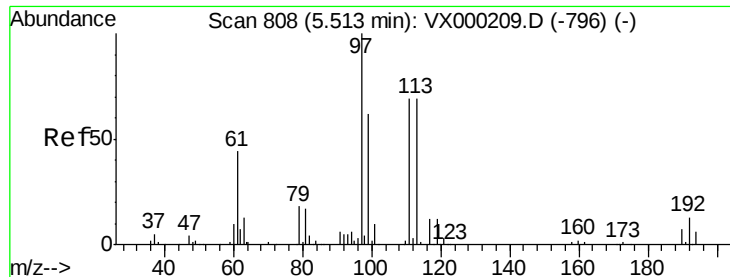


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.82 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

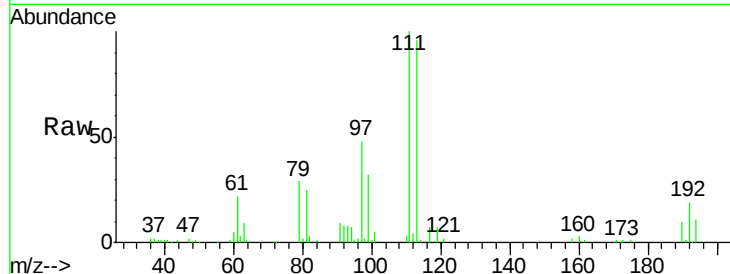
Tot Ion:113 Resp: 61147

Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.6

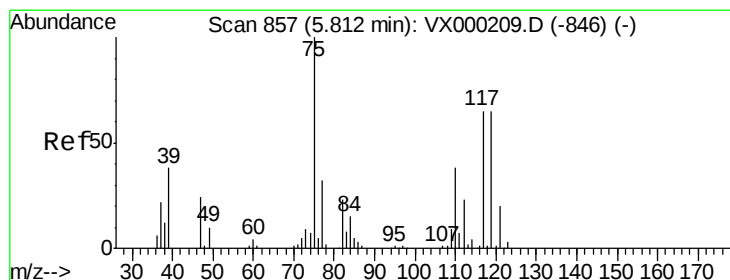
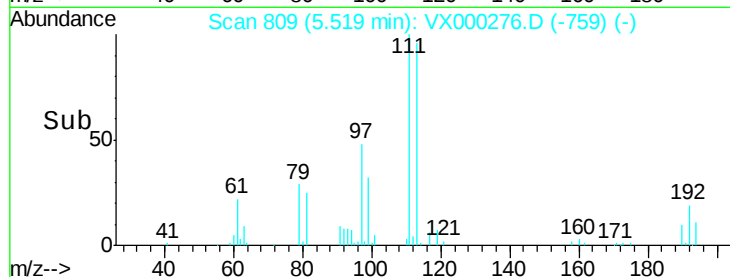
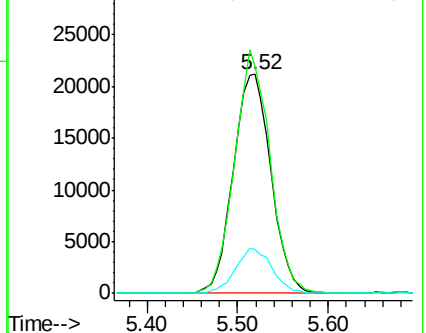
192 19.9 15.5 23.3



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: 17.63 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

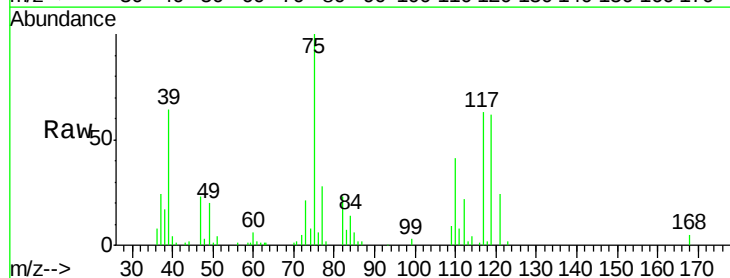
Tgt Ion: 75 Resp: 32620

Ion Ratio Lower Upper

75 100

110 36.0 17.8 53.5

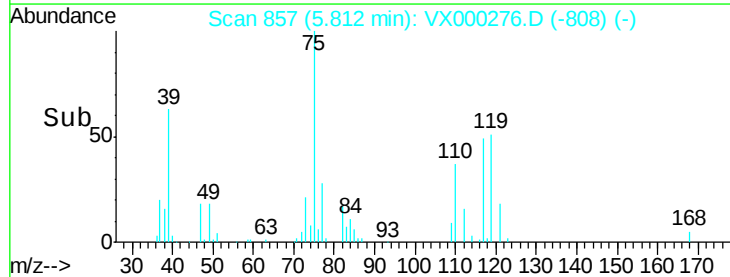
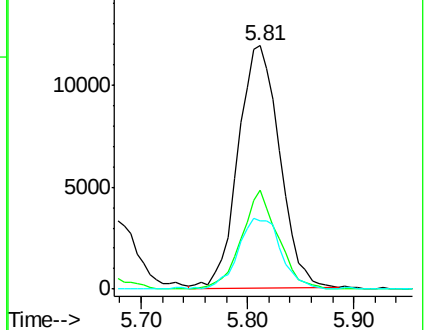
77 30.1 24.9 37.3

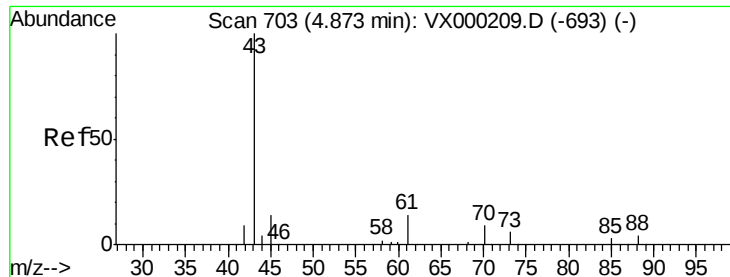


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

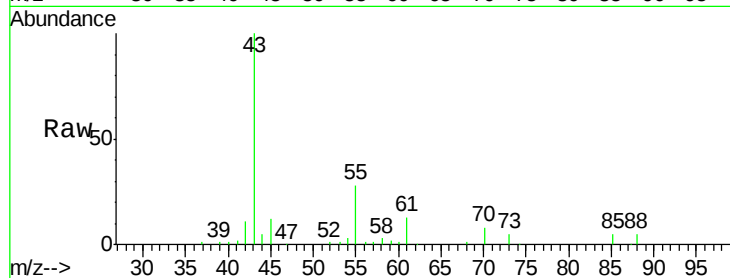




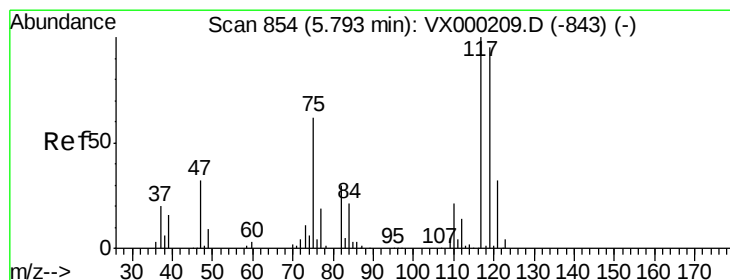
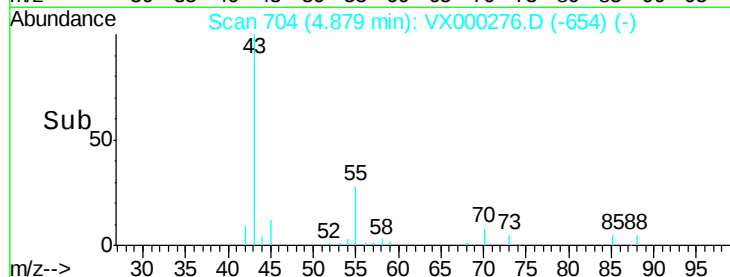
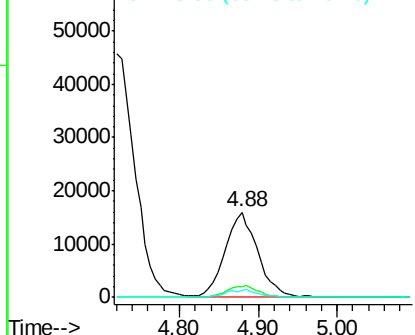
#37
Ethyl Acetate
Concen: 17.40 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 46530
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 8.8 7.8 11.6

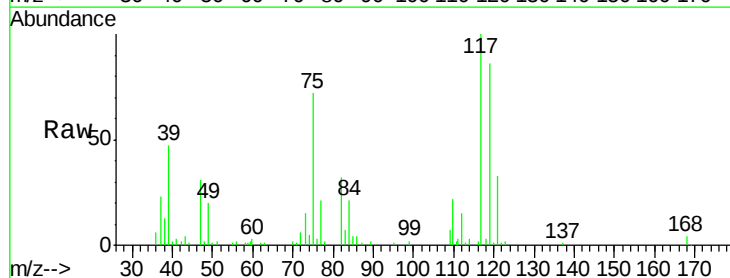


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

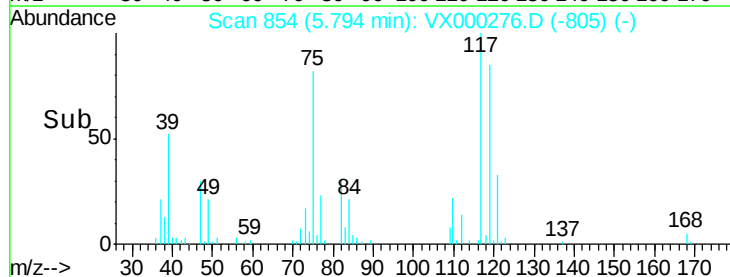
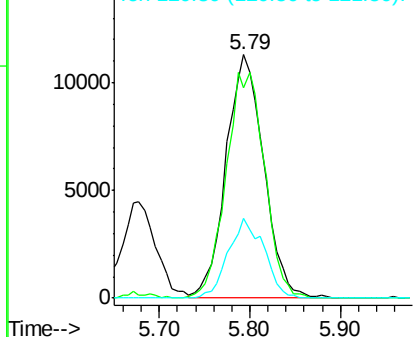


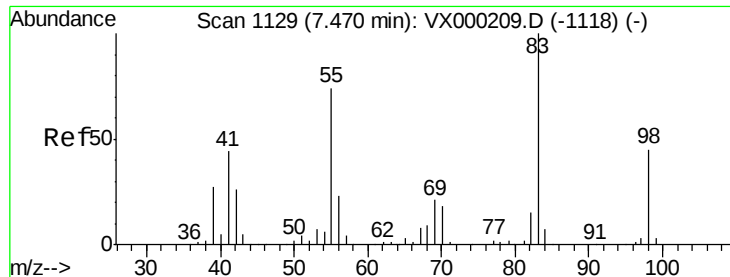
#38
Carbon Tetrachloride
Concen: 17.44 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 117 Resp: 32650
Ion Ratio Lower Upper
117 100
119 86.2 75.9 113.9
121 33.0 25.8 38.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

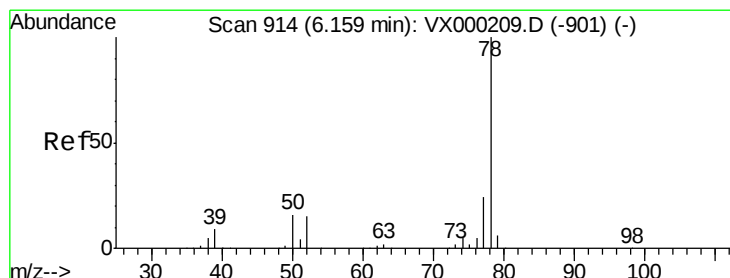
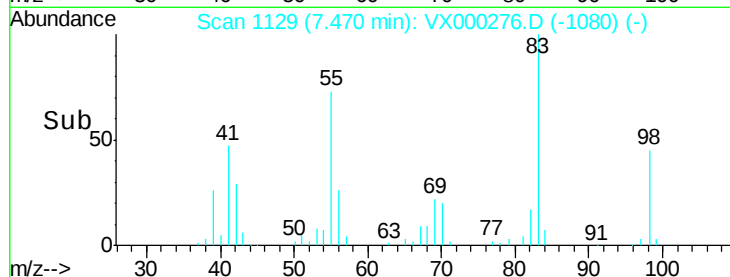
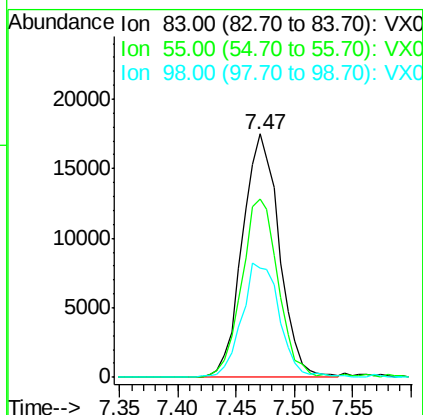
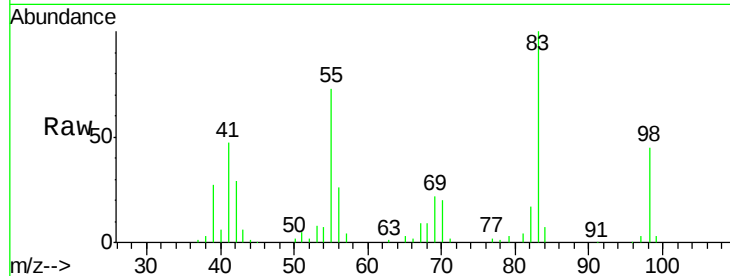




#39
Methvlcvclohexane
Concen: 17.03 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

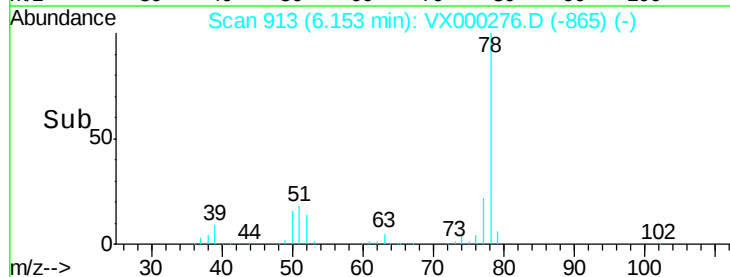
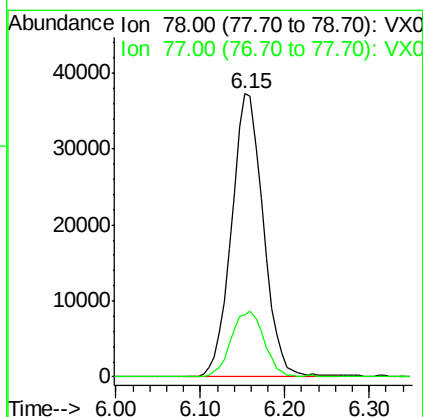
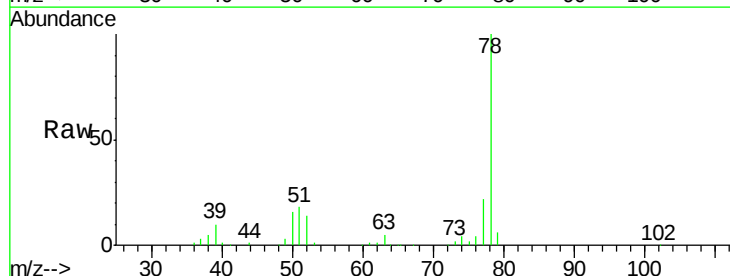
Instrument :
MSVOA_X
ClientSampleId :

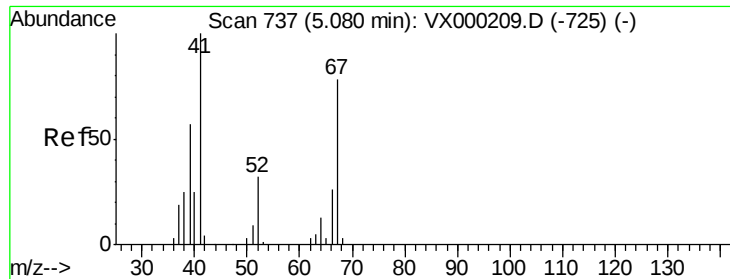
Tot Ion: 83 Resp: 38668
Ion Ratio Lower Upper
83 100
55 73.2 59.4 89.0
98 44.6 36.3 54.5



#40
Benzene
Concen: 17.84 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 78 Resp: 95183
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.2





#41

Methacrylonitrile

Concen: 16.67 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

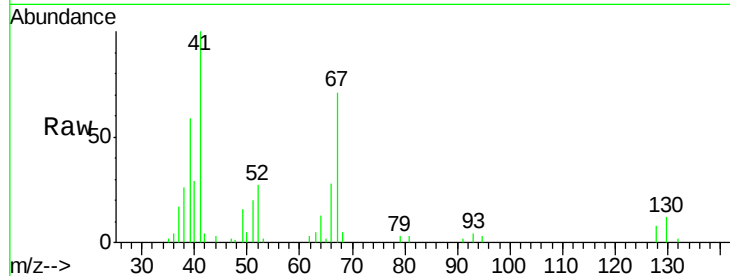
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 22716

Ion	Ratio	Lower	Upper
41	100		
39	58.9	47.8	71.6
67	75.2	59.3	88.9
52	32.9	26.4	39.6

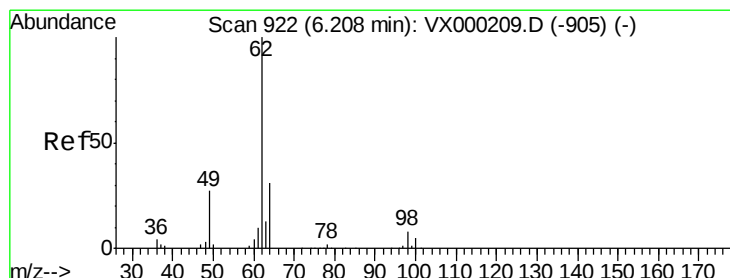
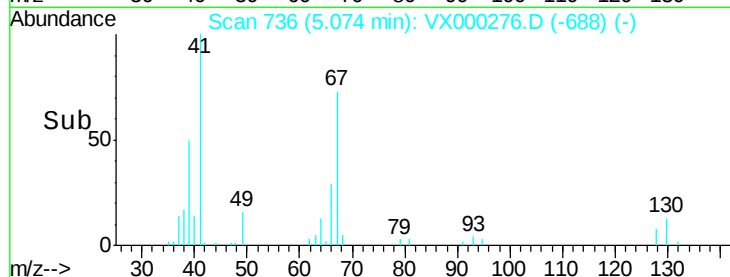


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.49 ug/l

RT: 6.21 min Scan# 922

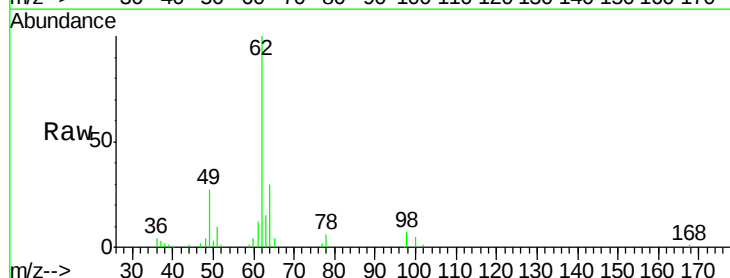
Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

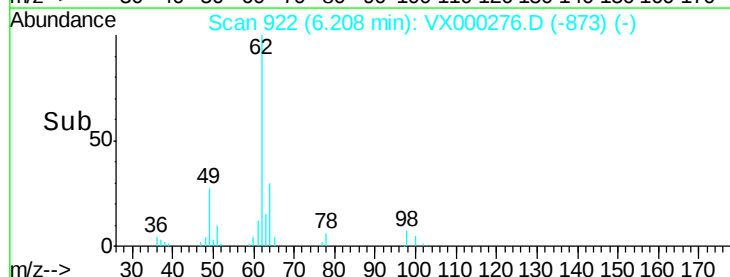
Tgt Ion: 62 Resp: 38696

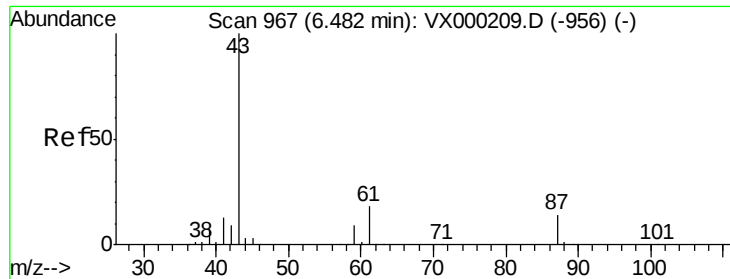
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



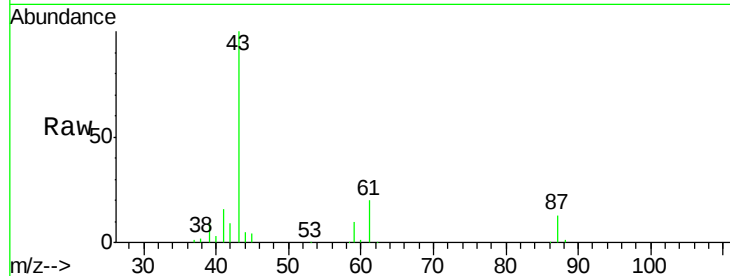


#43

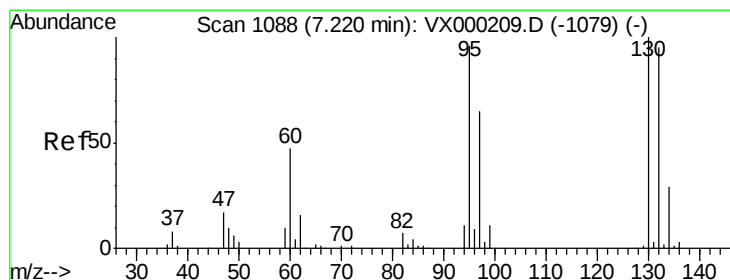
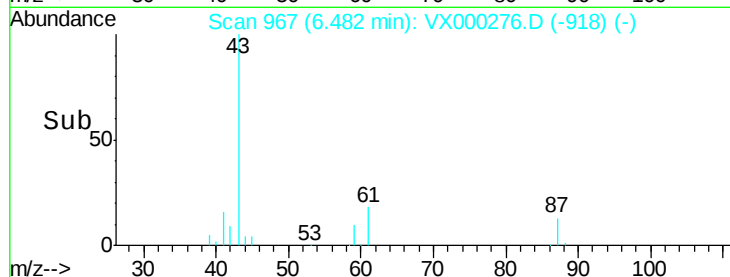
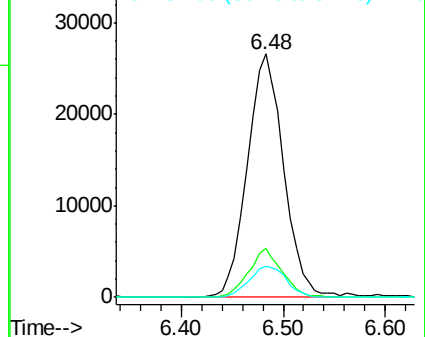
Isopropyl Acetate
 Concen: 17.08 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 66004
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.8 22.2
 87 13.1 10.6 16.0



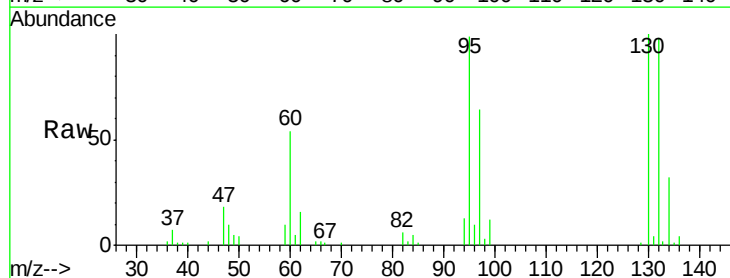
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



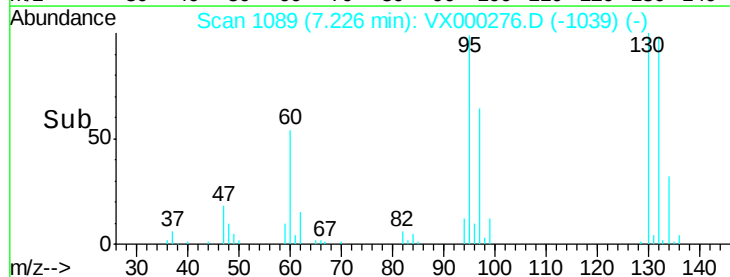
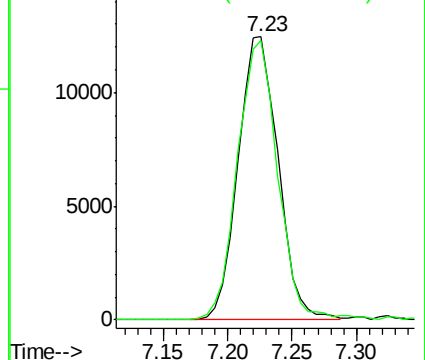
#44

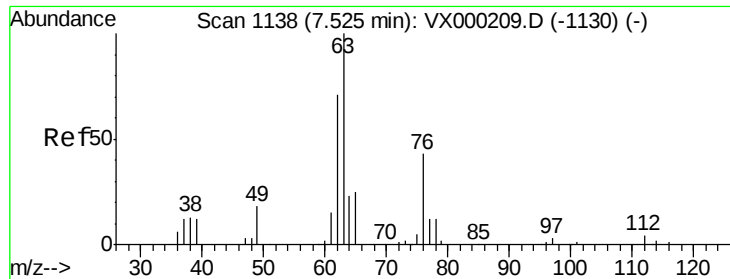
Trichloroethene
 Concen: 17.54 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion:130 Resp: 26779
 Ion Ratio Lower Upper
 130 100
 95 99.0 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: 18.13 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

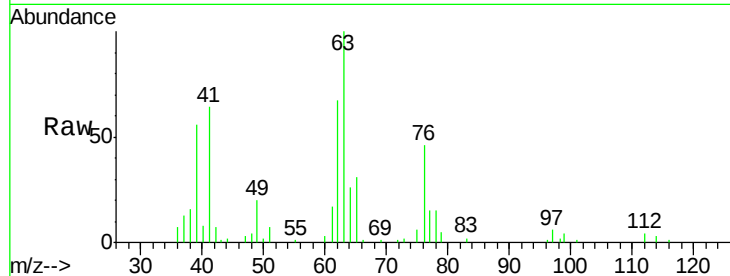
ClientSampled :

Tot Ion: 63 Resp: 24505

Ion Ratio Lower Upper

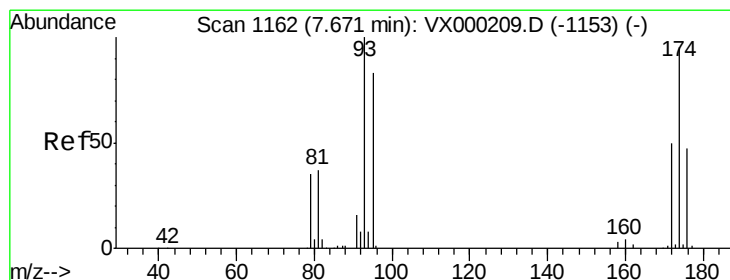
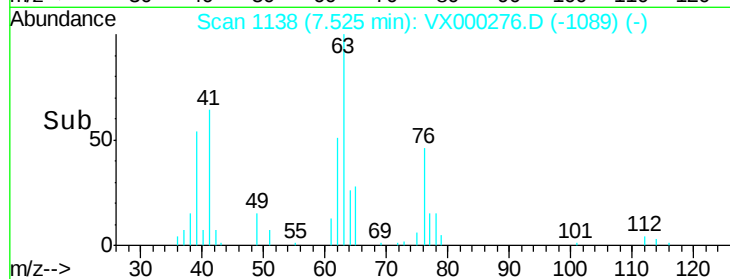
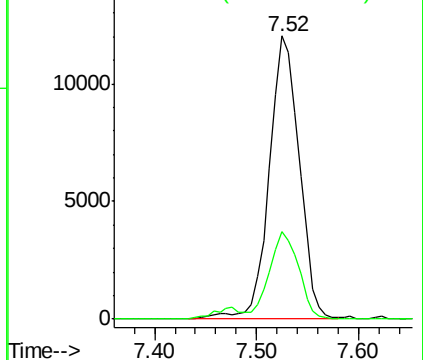
63 100

65 30.8 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.58 ug/l

RT: 7.68 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

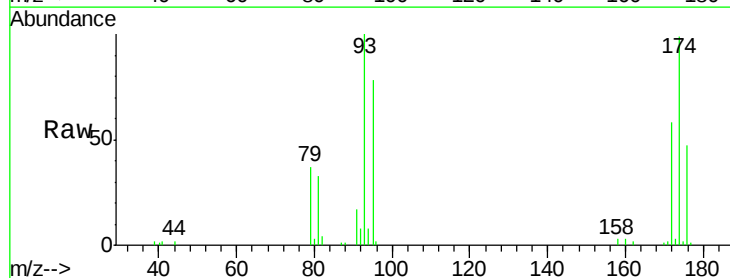
Tgt Ion: 93 Resp: 18797

Ion Ratio Lower Upper

93 100

95 84.4 64.1 96.1

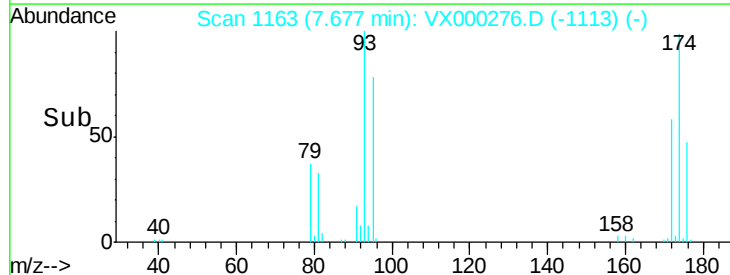
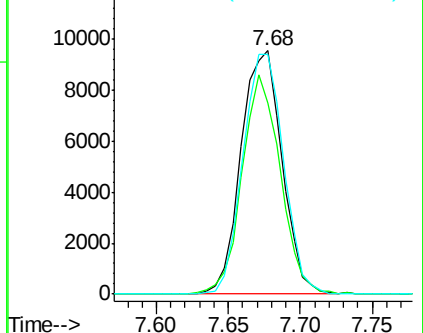
174 97.7 75.8 113.8

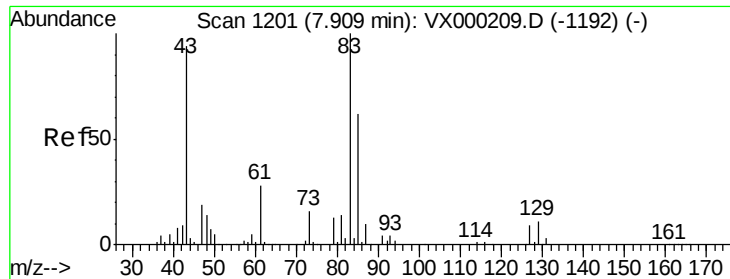


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.30 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampled :

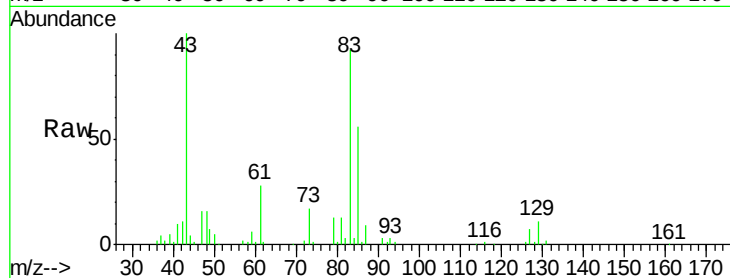
Tot Ion: 83 Resp: 34412

Ion Ratio Lower Upper

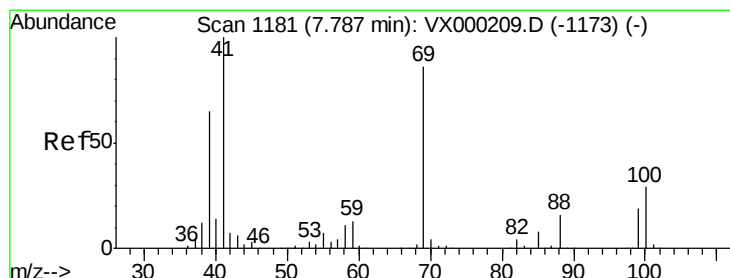
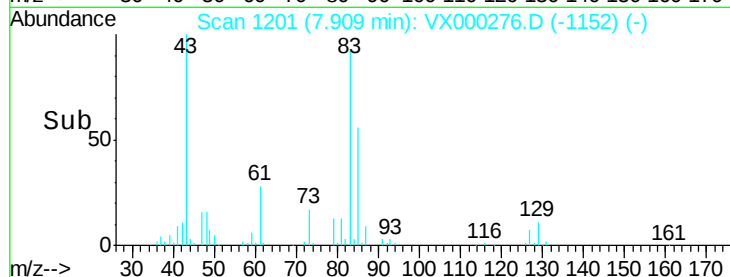
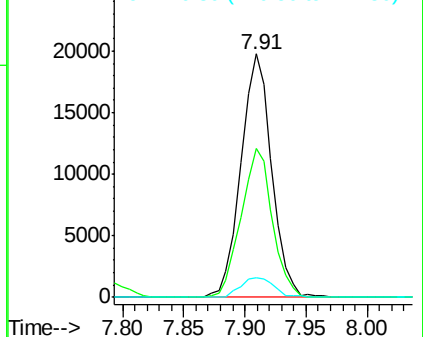
83 100

85 61.2 49.6 74.4

127 7.8 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: 17.15 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

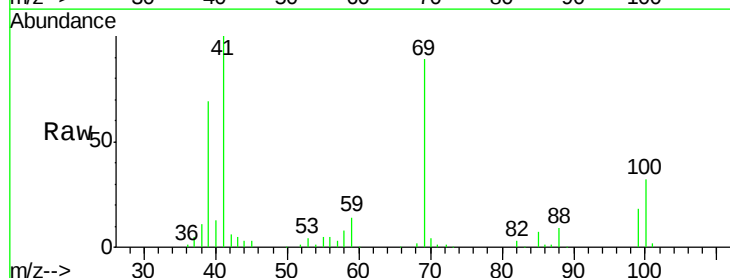
Tgt Ion: 41 Resp: 32649

Ion Ratio Lower Upper

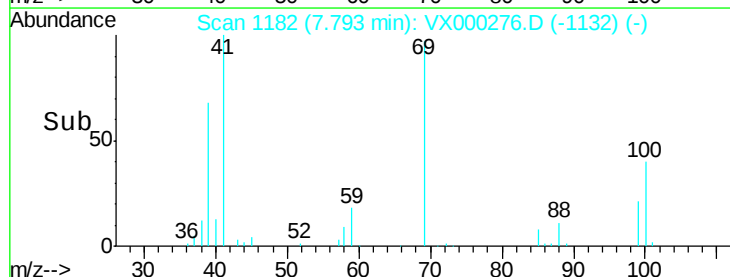
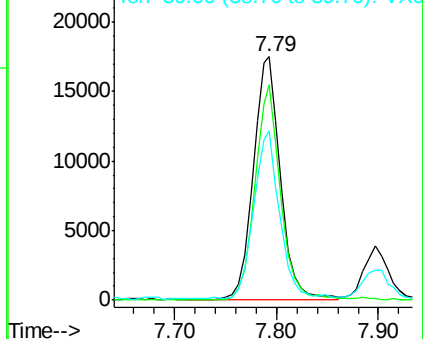
41 100

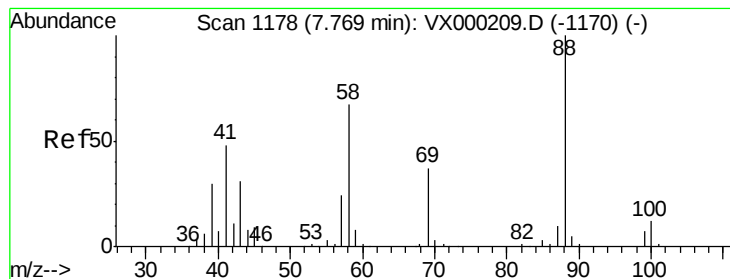
69 83.2 70.0 105.0

39 65.5 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: 342.59 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.00 min

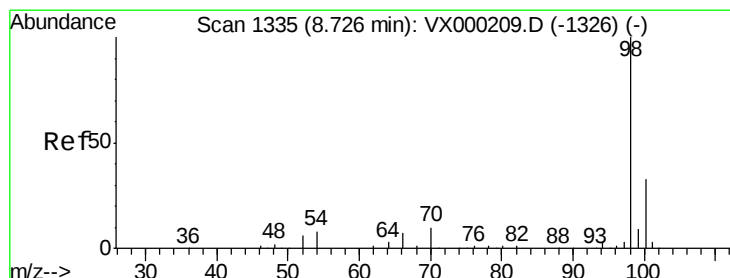
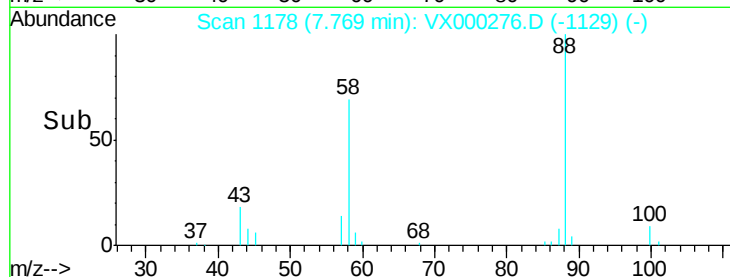
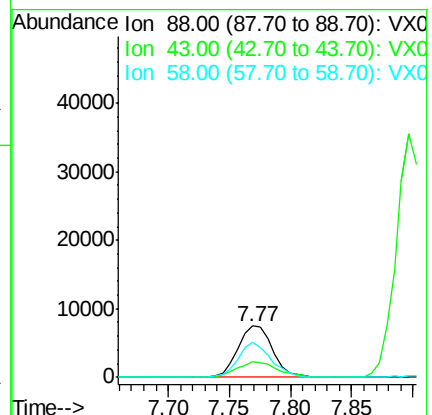
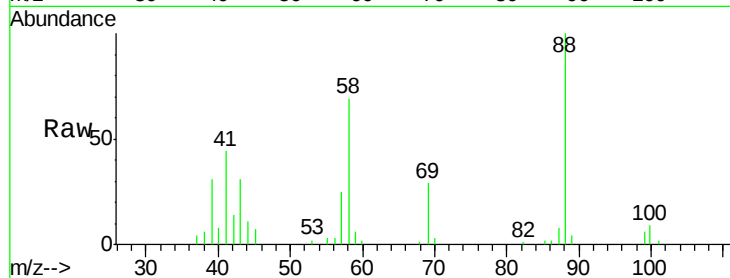
Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 14807

Ion	Ratio	Lower	Upper
88	100		
43	36.0	26.9	40.3
58	64.1	52.2	78.4



#50

Toluene-d8

Concen: 45.33 ug/l

RT: 8.73 min Scan# 1335

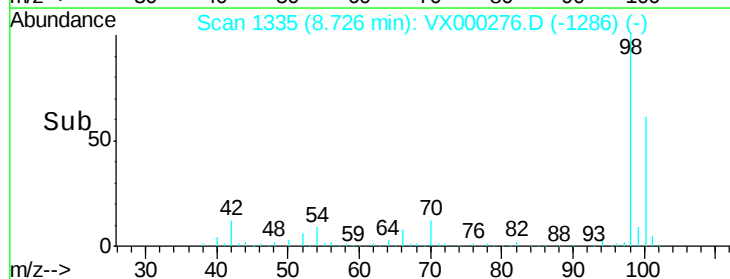
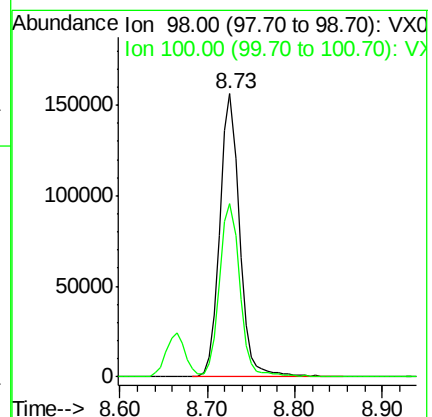
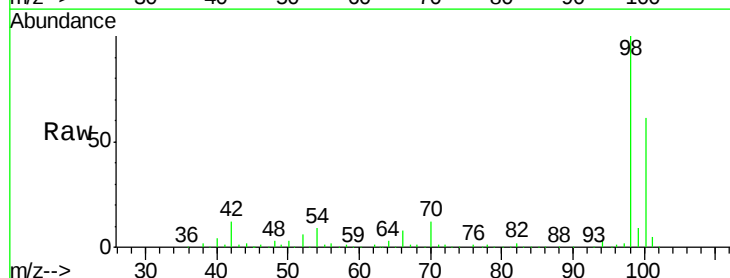
Delta R.T. 0.00 min

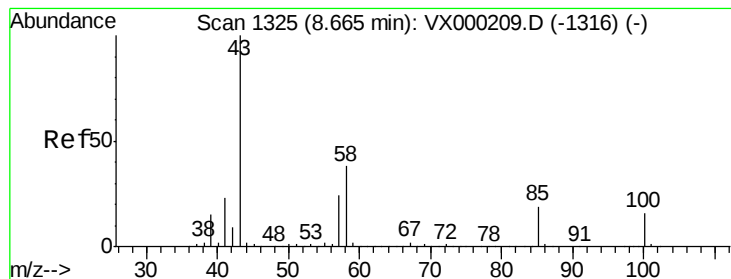
Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion: 98 Resp: 245178

Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 86.61 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

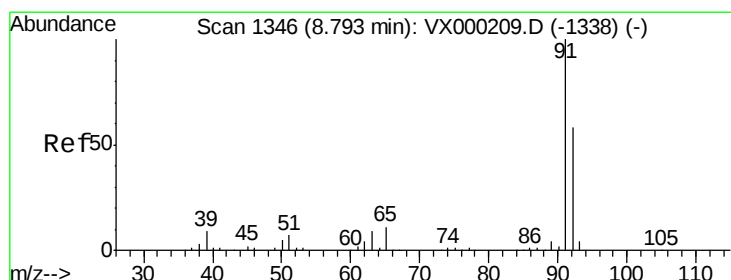
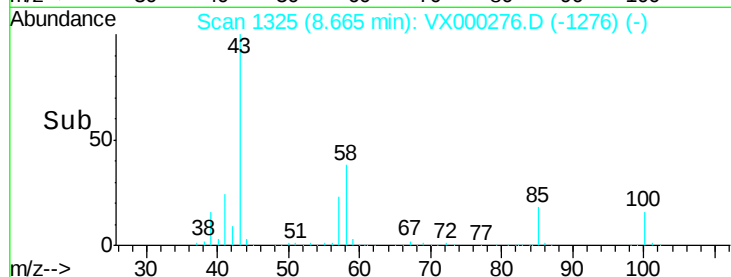
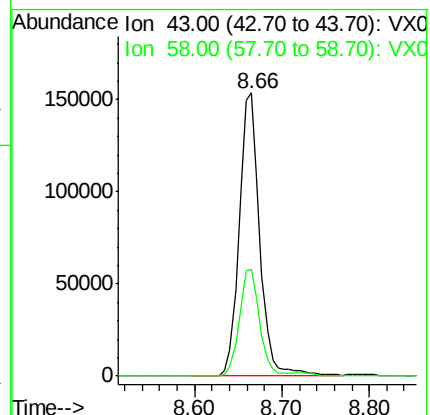
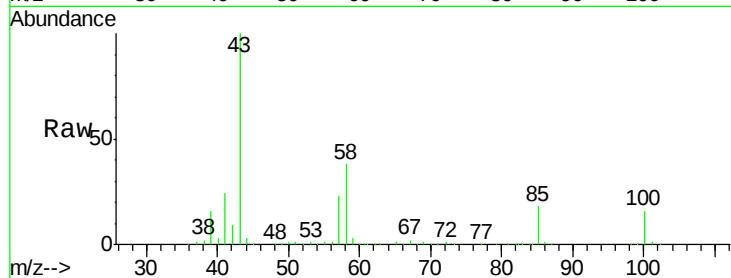
ClientSampleId :

Tot Ion: 43 Resp: 252691

Ion Ratio Lower Upper

43 100

58 37.1 30.2 45.2



#52

Toluene

Concen: 17.97 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000276.D

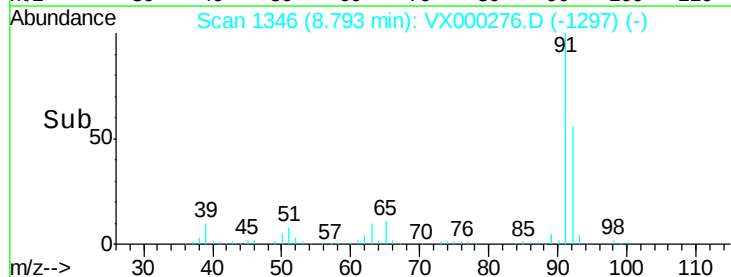
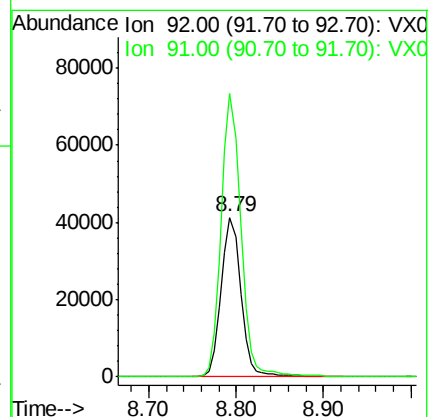
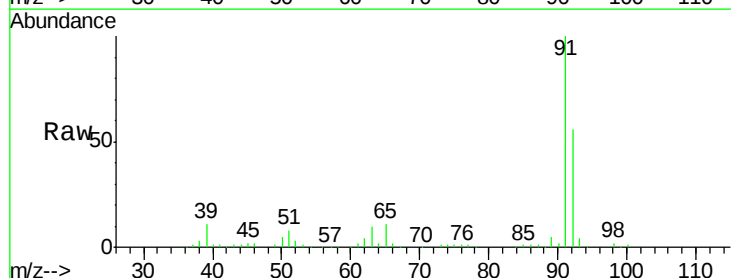
Acq: 12 Mar 2018 13:48

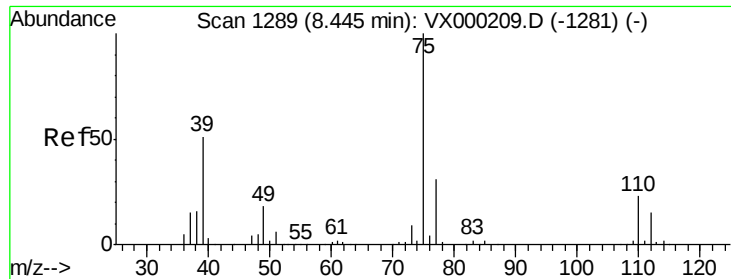
Tgt Ion: 92 Resp: 65706

Ion Ratio Lower Upper

92 100

91 174.8 139.0 208.6

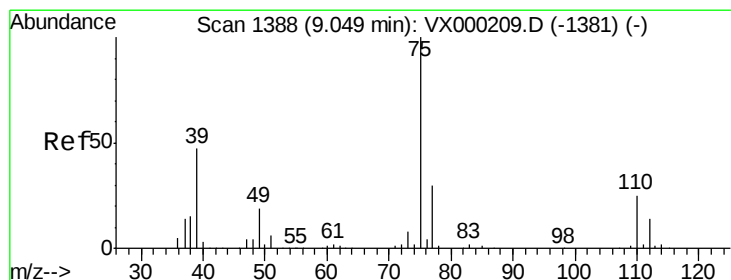
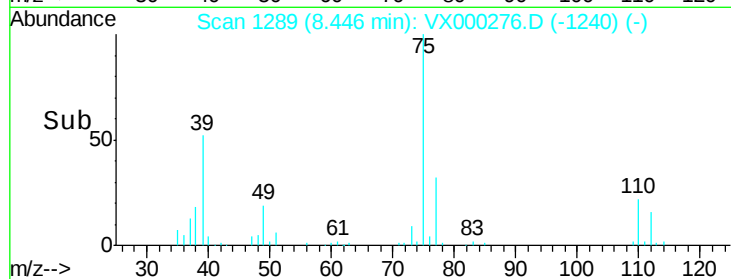
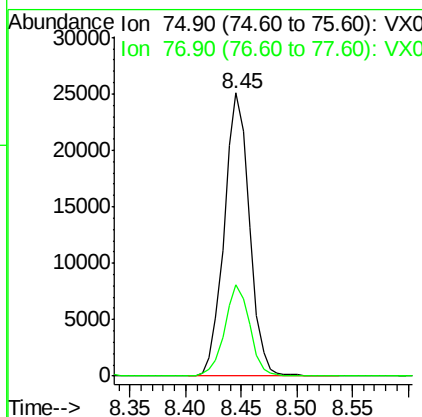
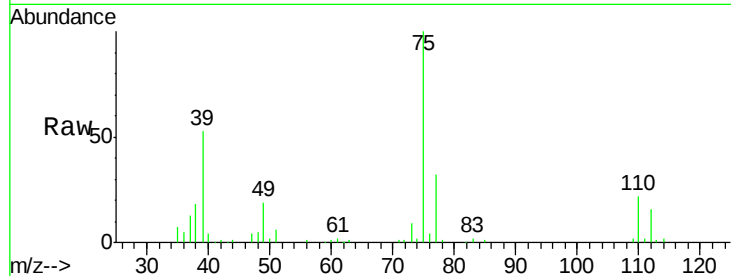




#53
t-1,3-Dichloropropene
Concen: 17.78 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

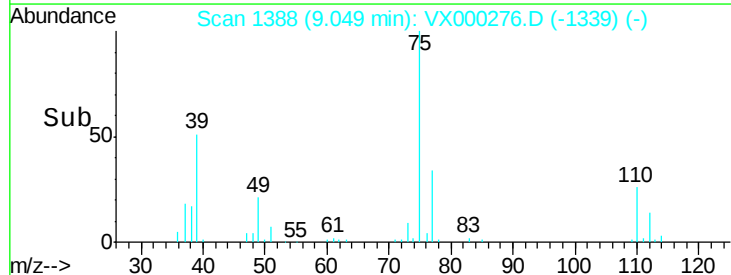
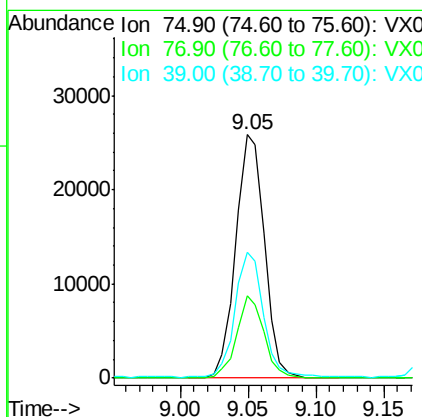
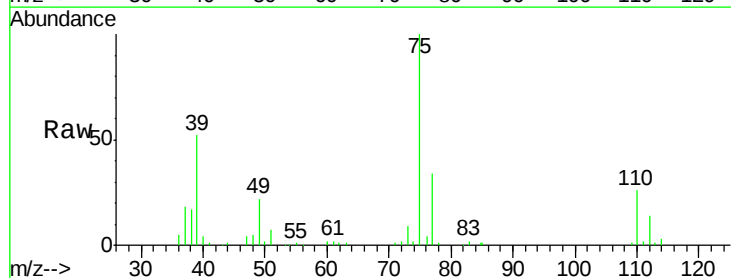
Instrument :
MSVOA_X
ClientSampled :

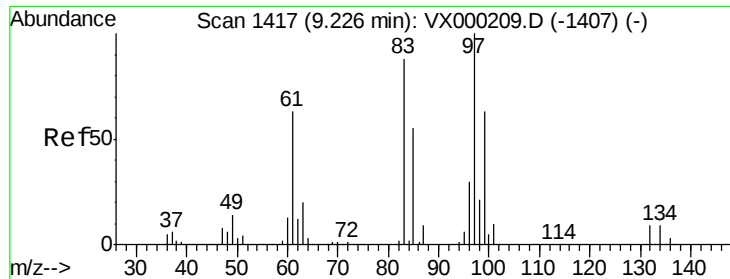
Tot Ion: 75 Resp: 39402
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 17.72 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 75 Resp: 37996
Ion Ratio Lower Upper
75 100
77 33.9 23.9 35.9
39 51.2 37.4 56.2

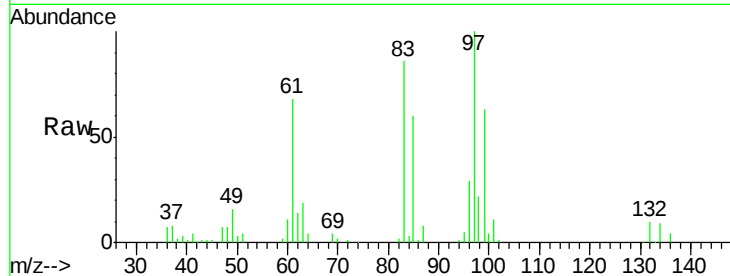




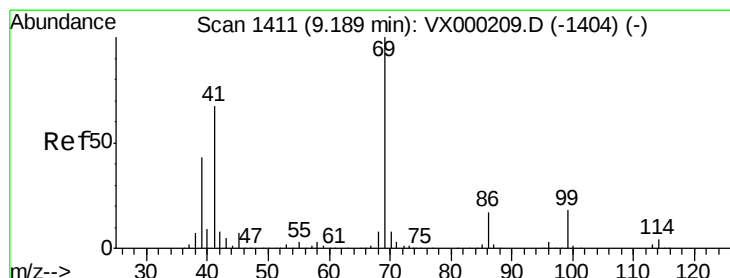
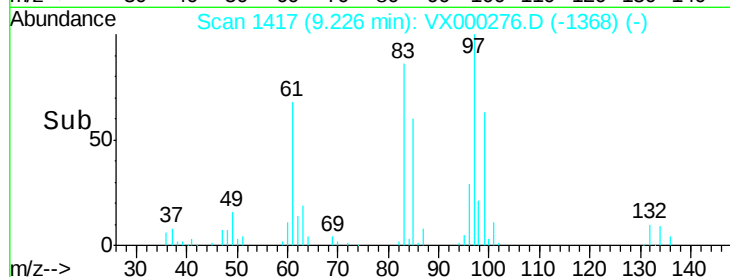
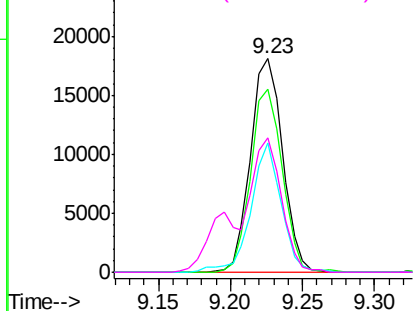
#55
 1,1,2-Trichloroethane
 Concen: 18.78 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	27820
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.4	105.6
85	60.2	43.9	65.9
99	62.9	50.5	75.7

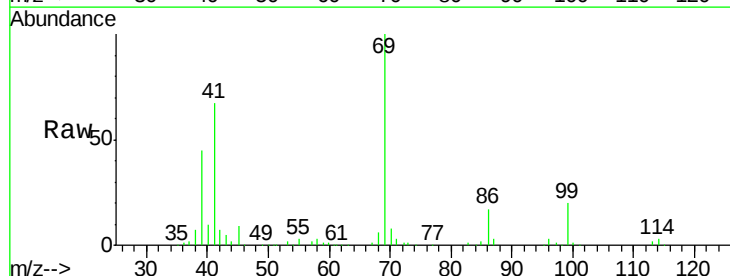


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

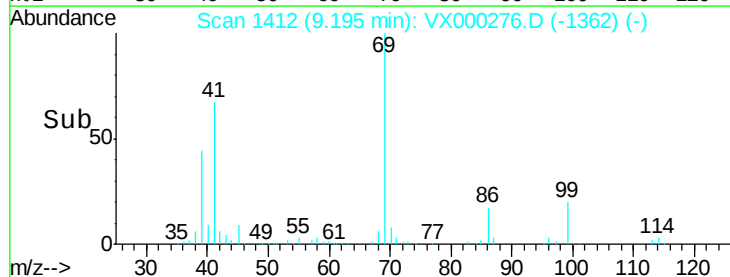
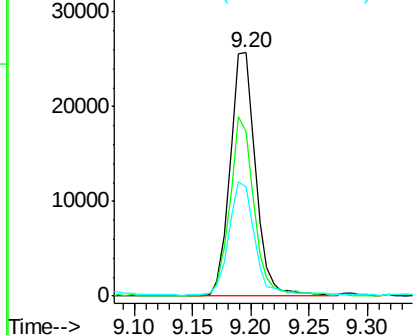


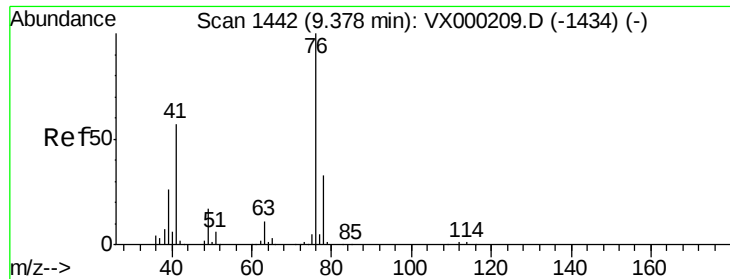
#56
 Ethyl methacrylate
 Concen: 17.85 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion:	69	Resp:	39562
Ion	Ratio	Lower	Upper
69	100		
41	68.4	52.2	78.2
39	46.4	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: 17.77 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

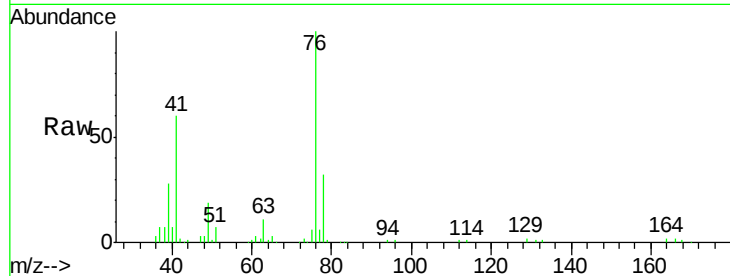
ClientSampleId :

Tot Ion: 76 Resp: 44197

Ion Ratio Lower Upper

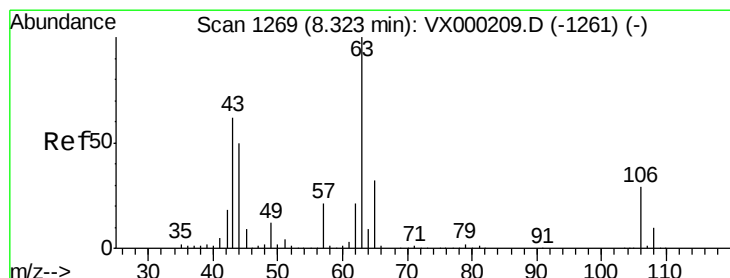
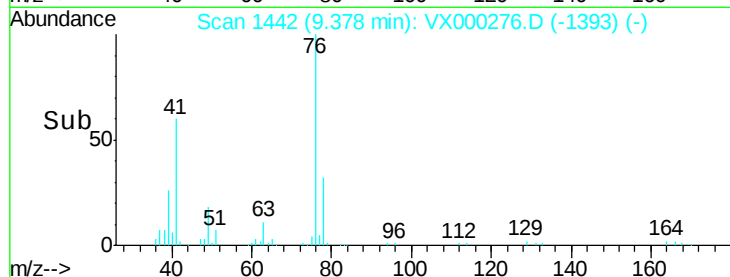
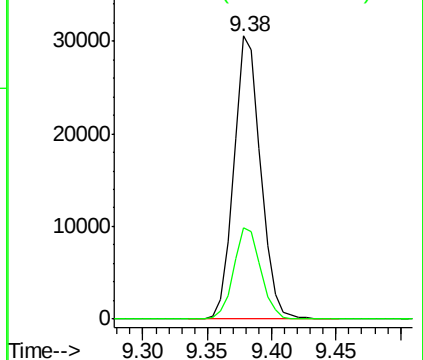
76 100

78 32.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.33 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000276.D

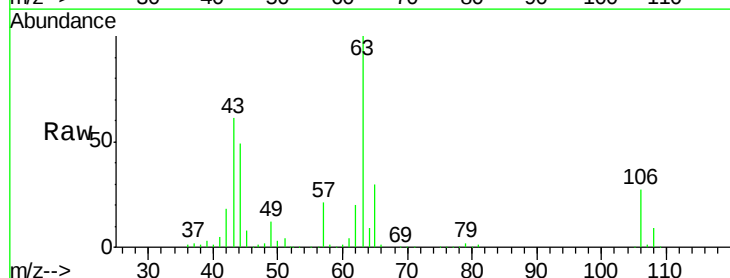
Acq: 12 Mar 2018 13:48

Tgt Ion: 63 Resp: 114515

Ion Ratio Lower Upper

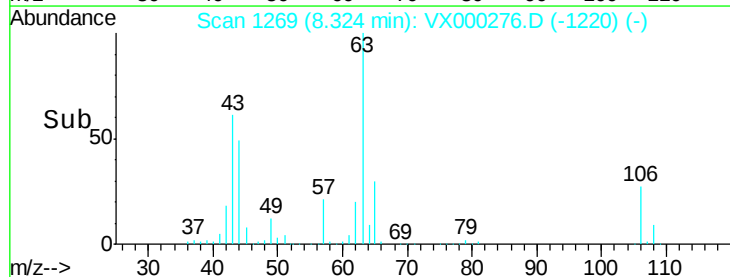
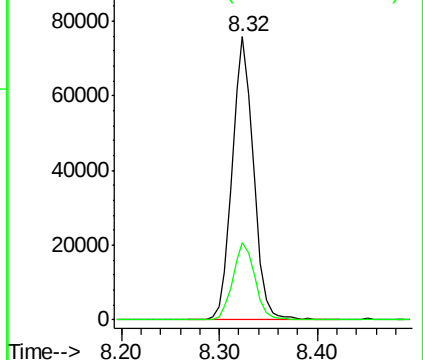
63 100

106 28.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

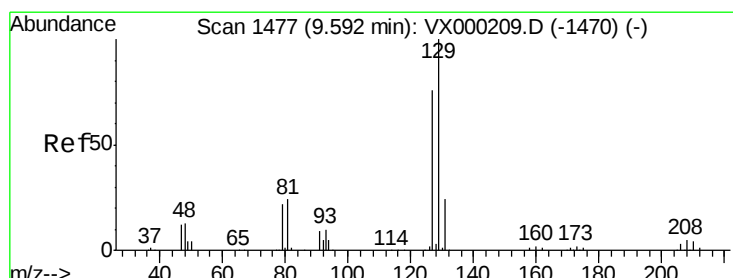
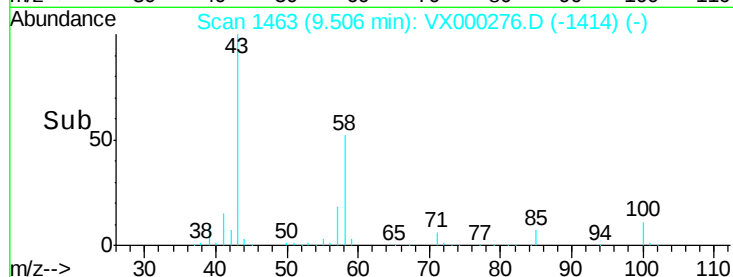
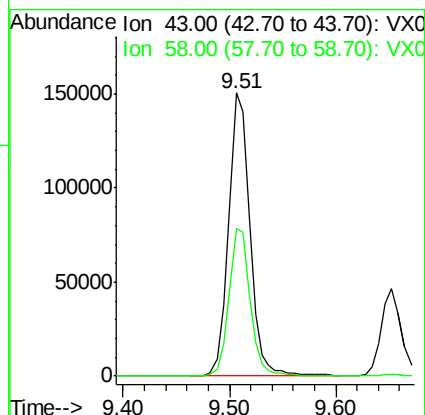
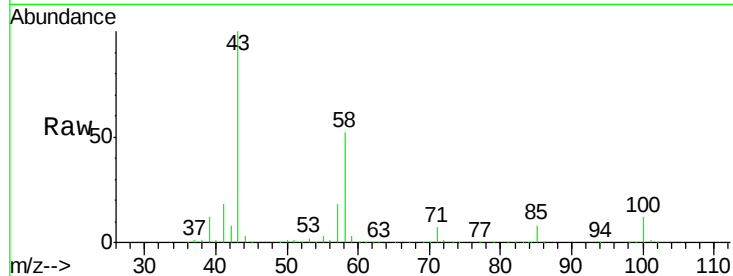




#59
2-Hexanone
Concen: 85.90 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

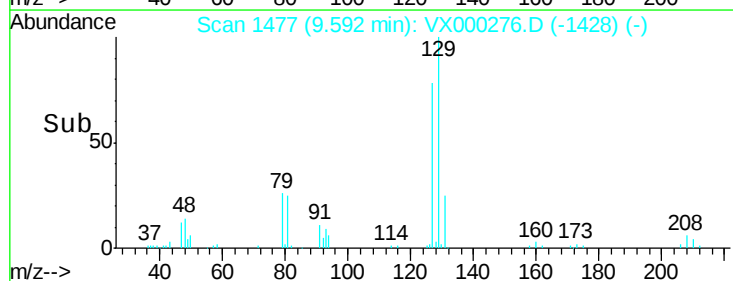
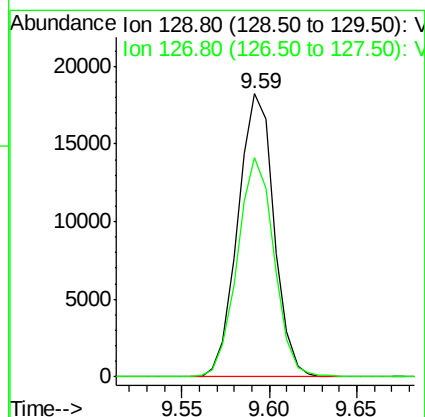
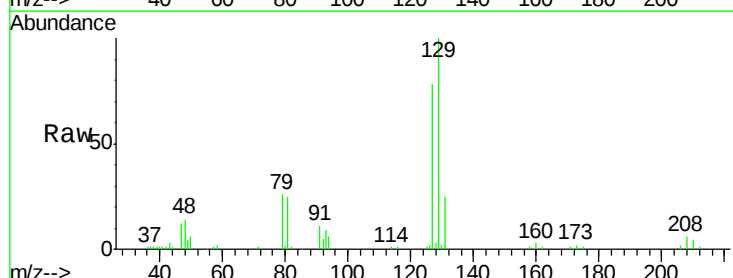
Instrument :
MSVOA_X
ClientSampleId :

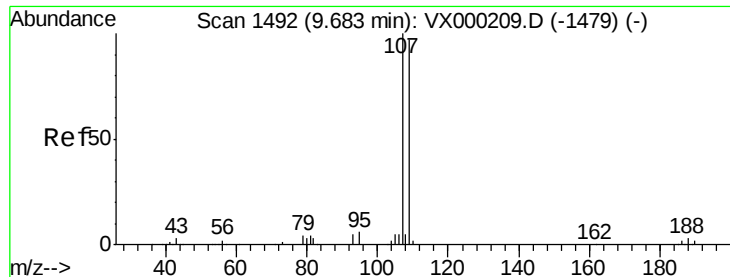
Tot Ion: 43 Resp: 213697
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7



#60
Dibromochloromethane
Concen: 16.73 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 129 Resp: 26124
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.03 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

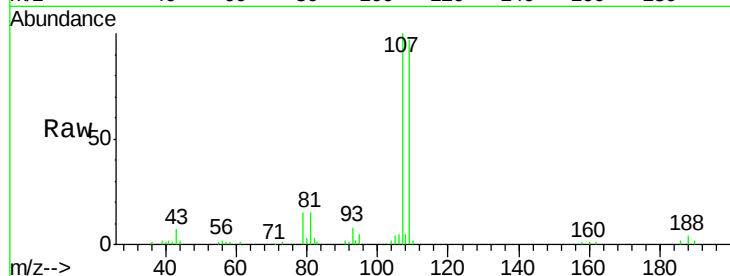
ClientSampleId :

Tot Ion:107 Resp: 29649

Ion Ratio Lower Upper

107 100

109 95.4 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

25000

20000

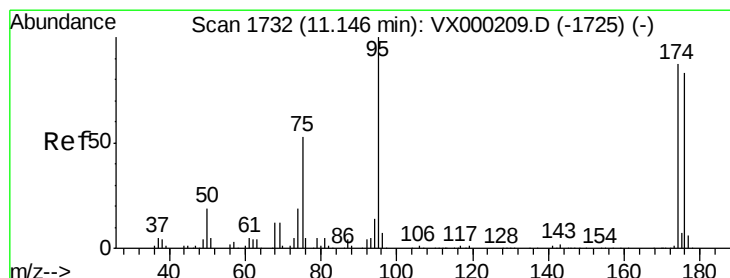
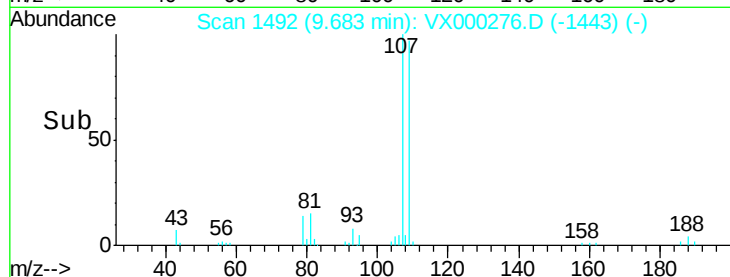
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.58 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

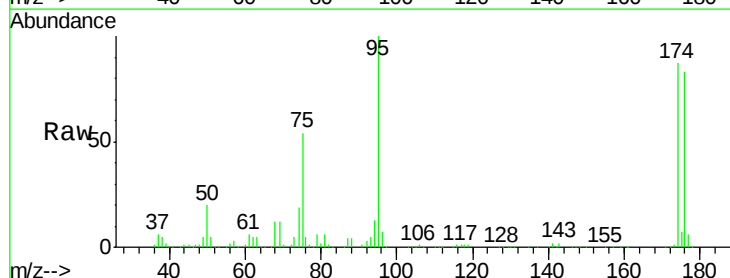
Tgt Ion: 95 Resp: 94109

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

176 82.7 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

11.15

100000

80000

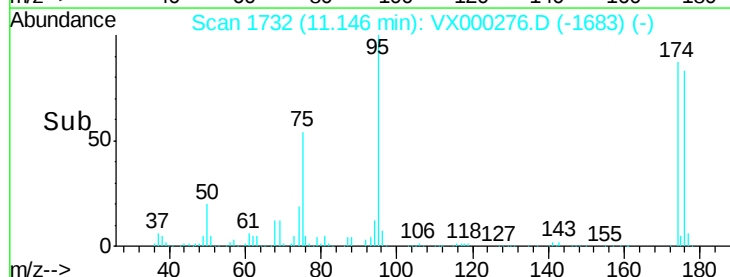
60000

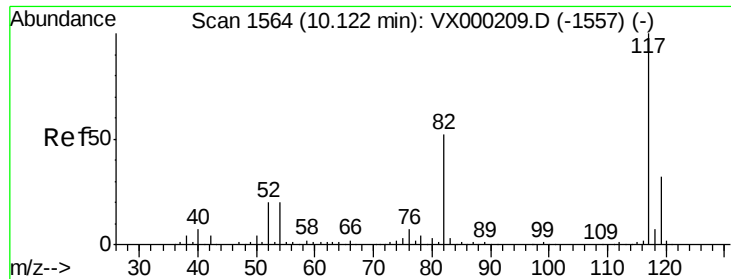
40000

20000

0

Time-->

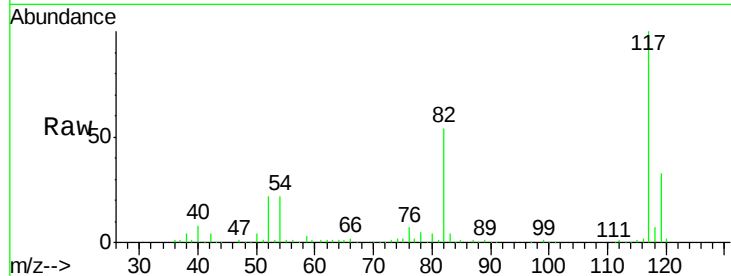




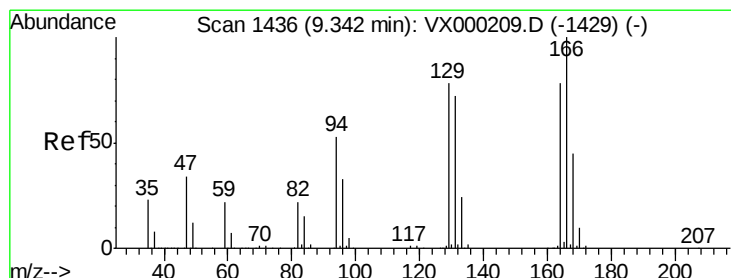
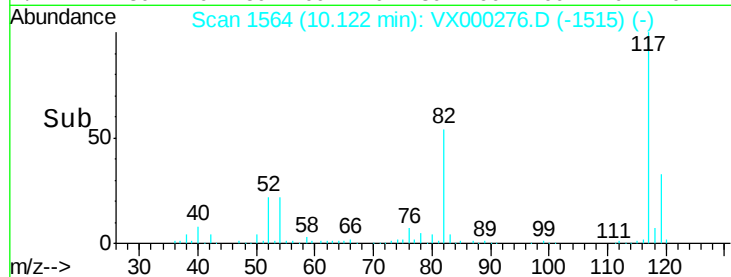
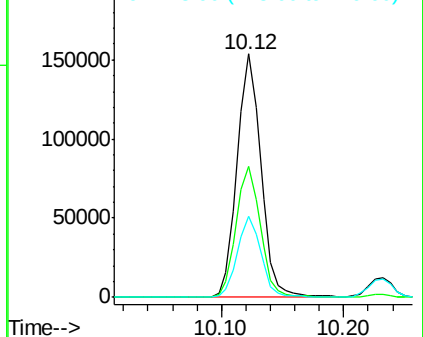
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 208878
Ion Ratio Lower Upper
117 100
82 53.9 42.0 63.0
119 33.2 25.3 37.9

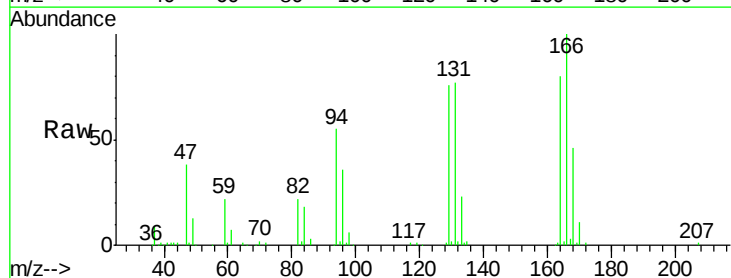


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

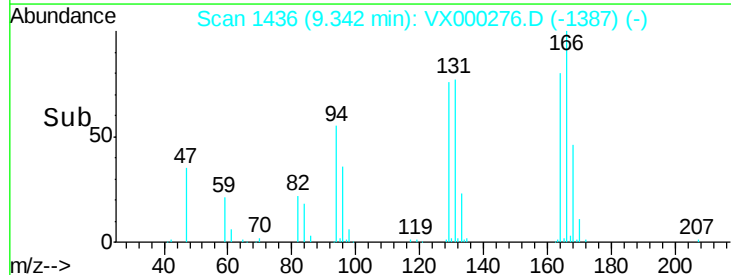
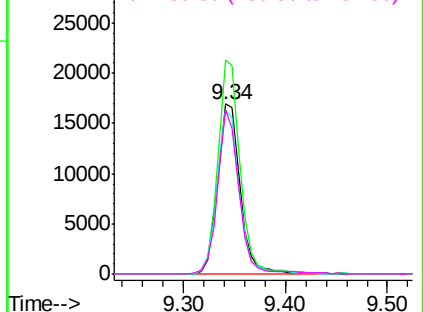


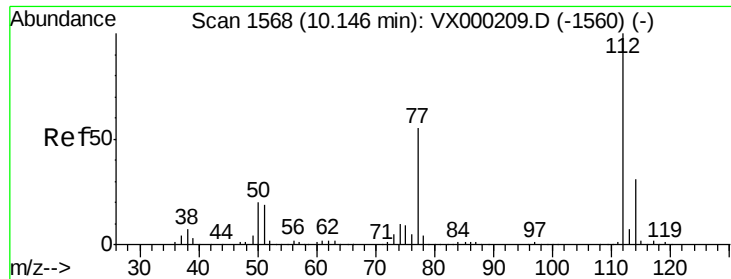
#64
Tetrachloroethene
Concen: 18.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion:164 Resp: 26529
Ion Ratio Lower Upper
164 100
166 125.6 103.0 154.6
129 96.0 80.2 120.4
131 96.1 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: 18.46 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

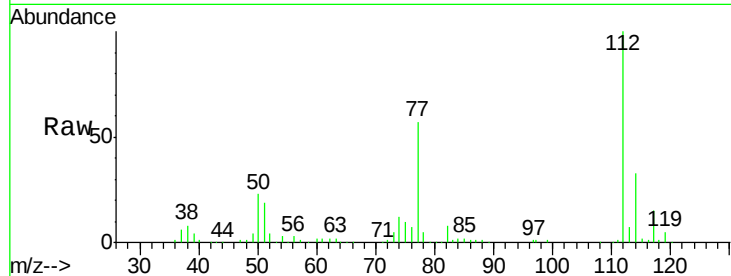
ClientSampled :

Tot Ion:112 Resp: 77874

Ion Ratio Lower Upper

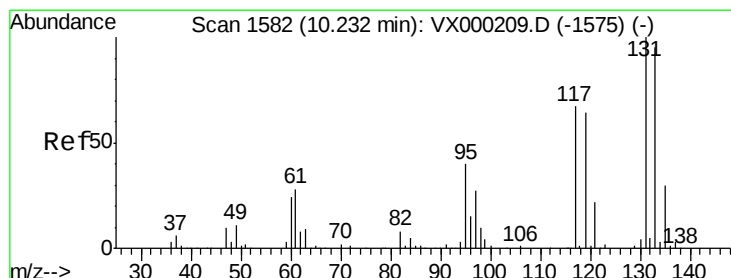
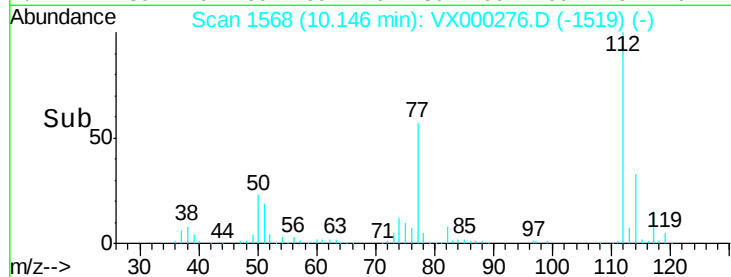
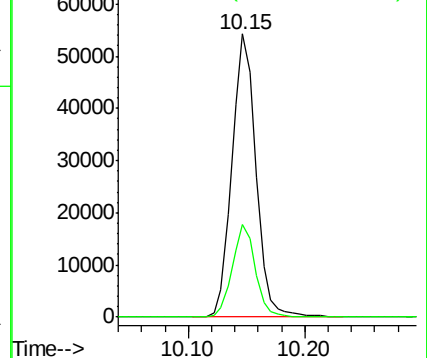
112 100

114 32.7 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.80 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

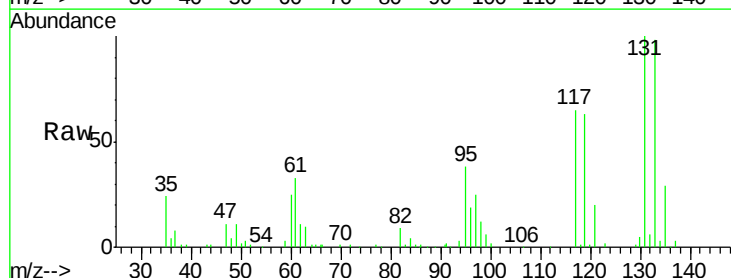
Tgt Ion:131 Resp: 25672

Ion Ratio Lower Upper

131 100

133 96.9 48.3 144.9

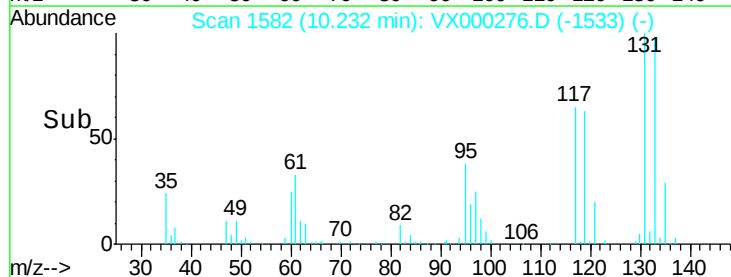
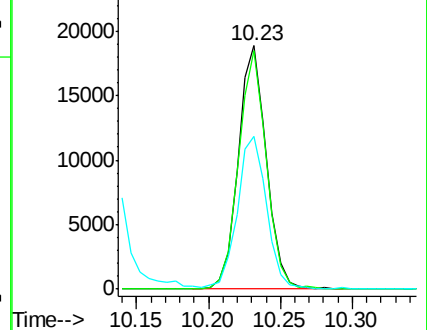
119 65.4 32.3 96.8

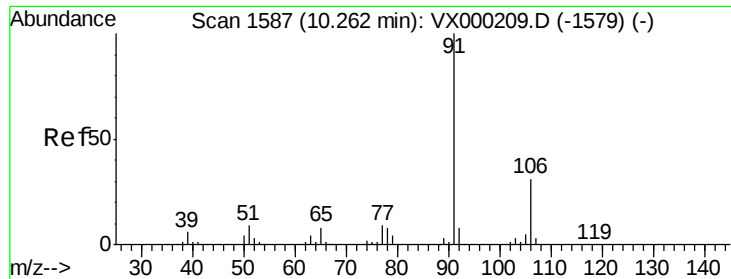


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

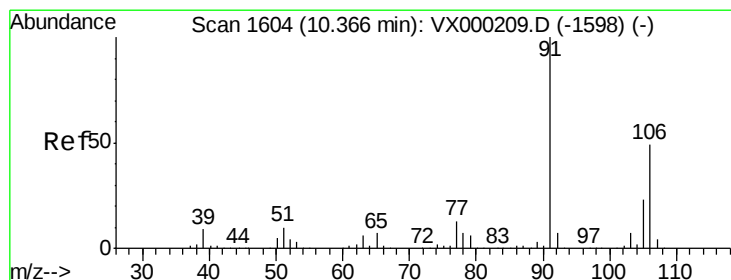
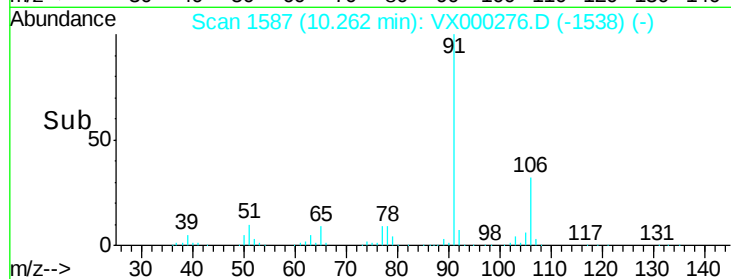
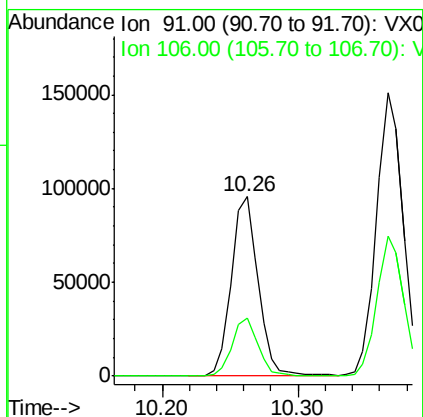
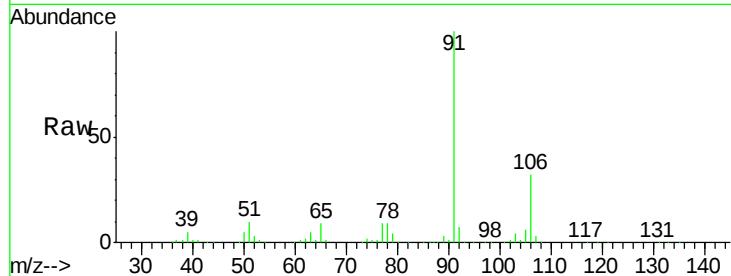




#67
Ethyl Benzene
Concen: 17.93 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

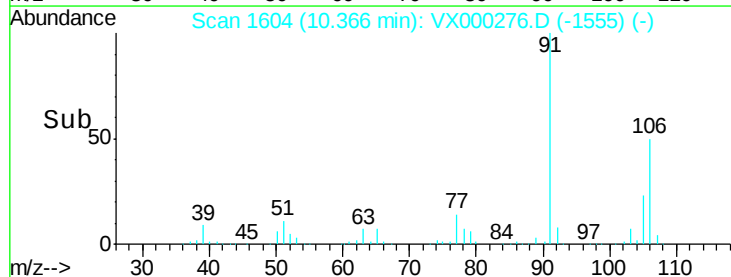
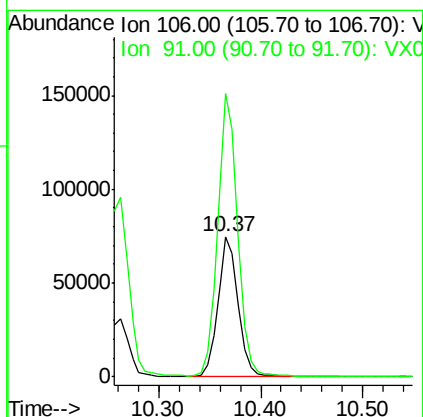
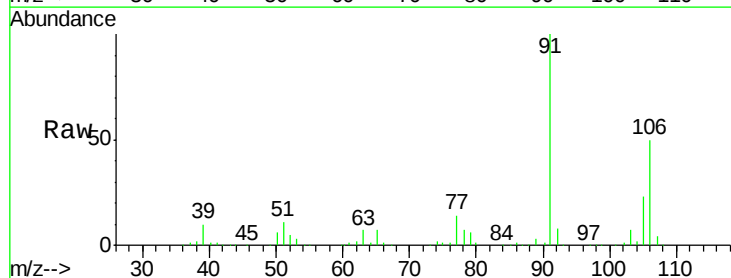
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 131998
Ion Ratio Lower Upper
91 100
106 32.4 25.2 37.8



#68
m/p-Xylenes
Concen: 36.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 106 Resp: 103853
Ion Ratio Lower Upper
106 100
91 201.5 160.9 241.3

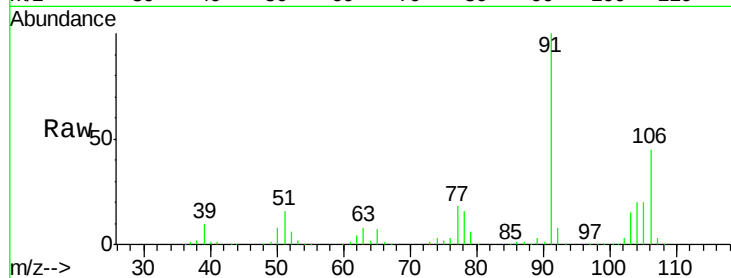




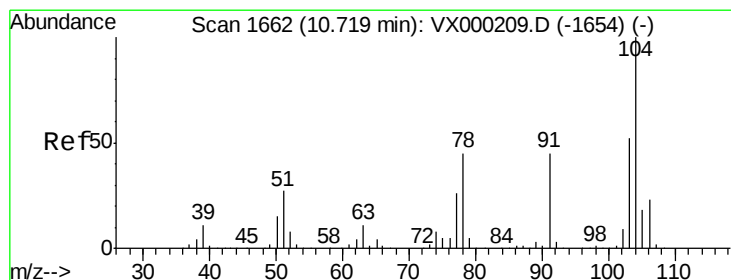
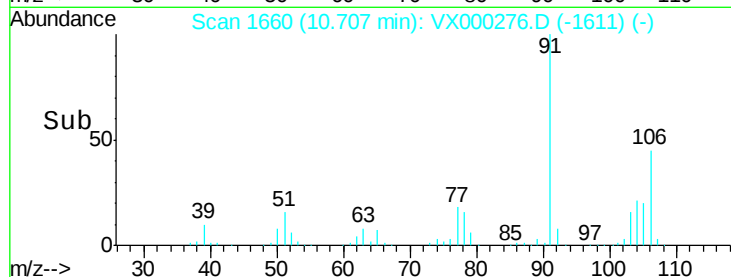
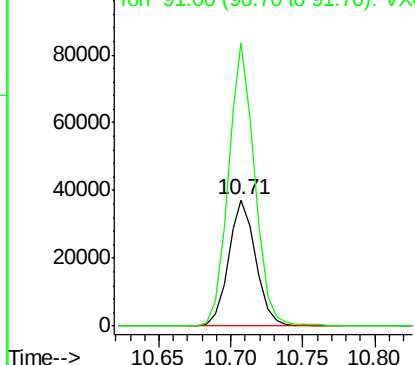
#69
o-Xylene
Concen: 18.14 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 49393
Ion Ratio Lower Upper
106 100
91 217.0 105.9 317.7

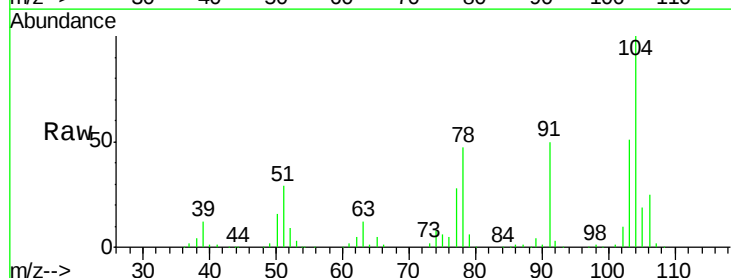


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

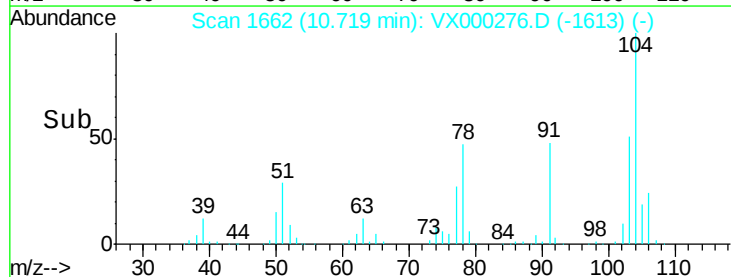
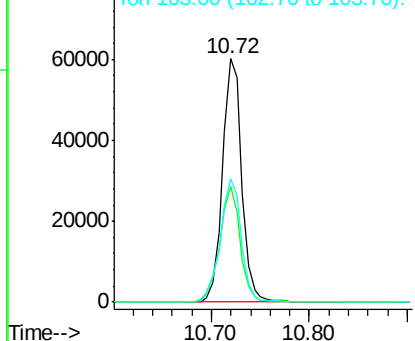


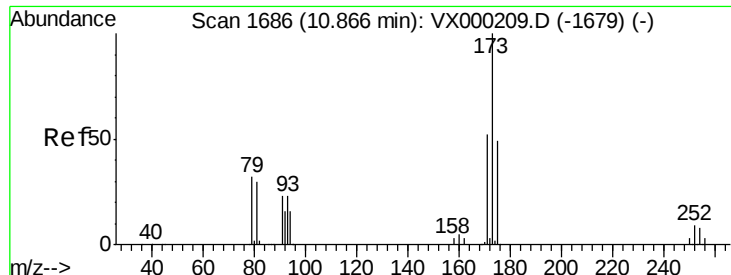
#70
Styrene
Concen: 18.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion:104 Resp: 82114
Ion Ratio Lower Upper
104 100
78 50.3 39.6 59.4
103 55.3 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: 15.86 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

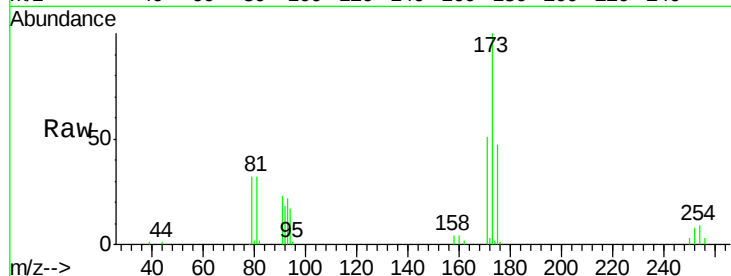
Tot Ion:173 Resp: 19997

Ion Ratio Lower Upper

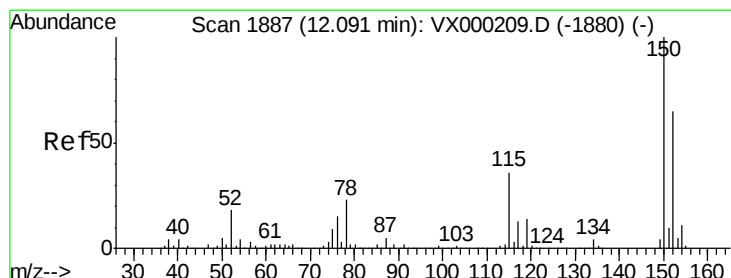
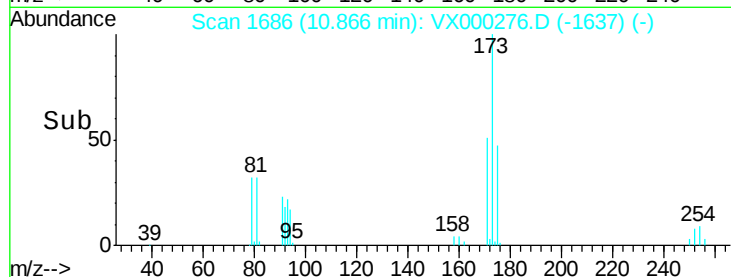
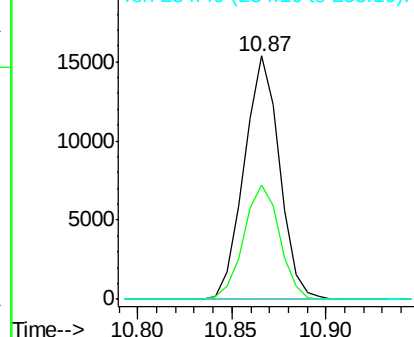
173 100

175 47.7 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: VX000276.D

Acq: 12 Mar 2018 13:48

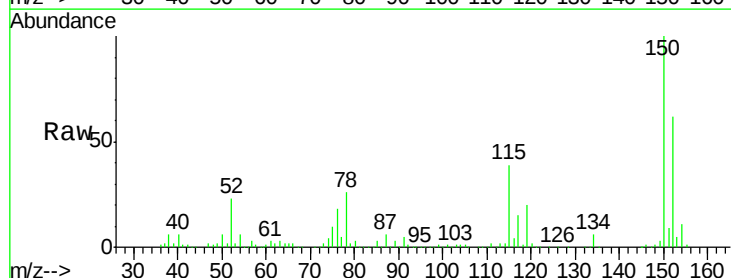
Tgt Ion:152 Resp: 121148

Ion Ratio Lower Upper

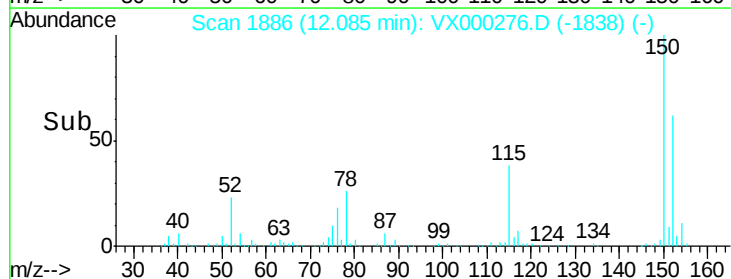
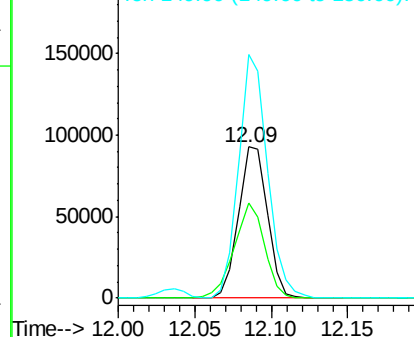
152 100

115 66.4 39.8 119.3

150 161.3 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: 17.74 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

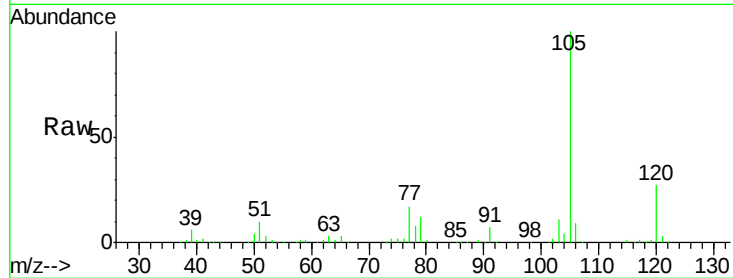
ClientSampled :

Tot Ion:105 Resp: 134589

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

100000

80000

60000

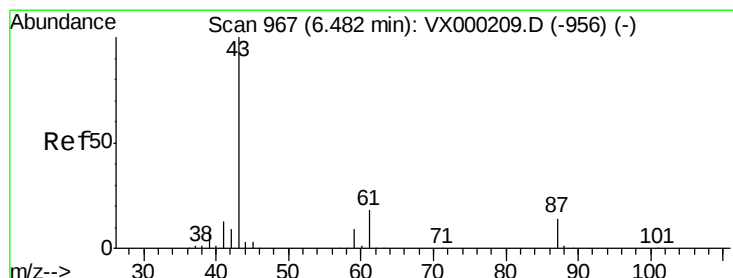
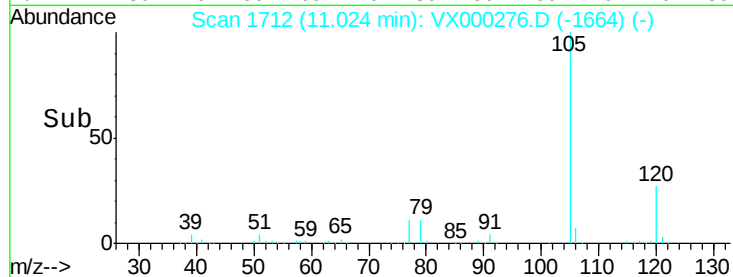
40000

20000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 17.01 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion: 43 Resp: 66004

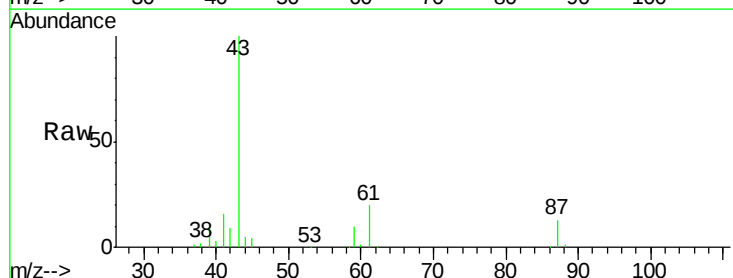
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.6 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

40000

30000

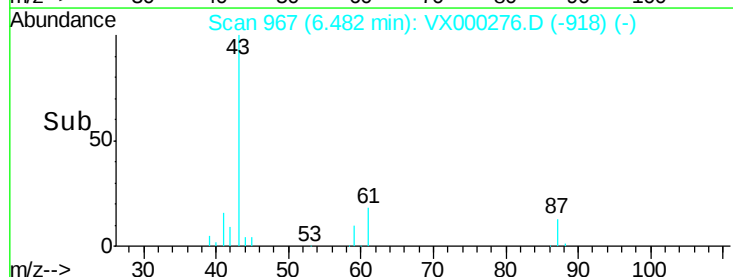
20000

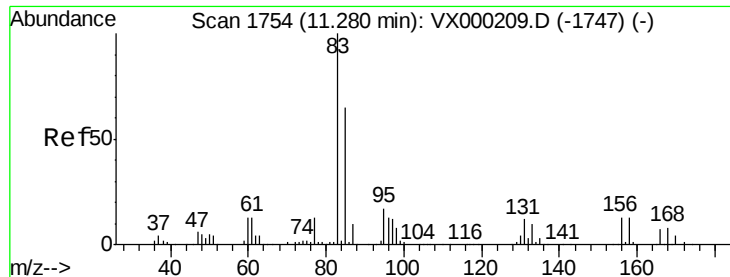
10000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 18.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

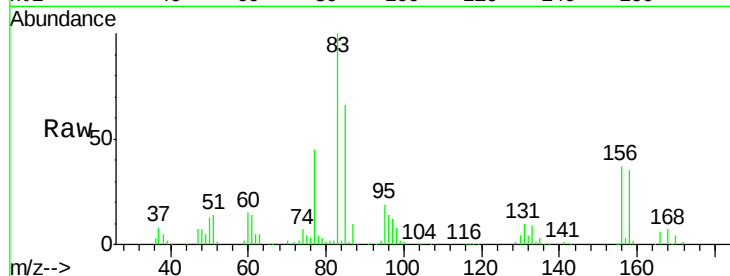
Tot Ion: 83 Resp: 48496

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.5

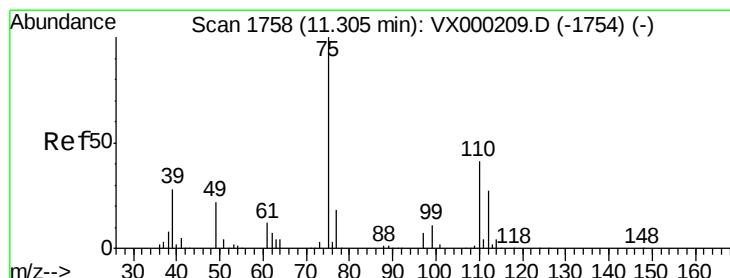
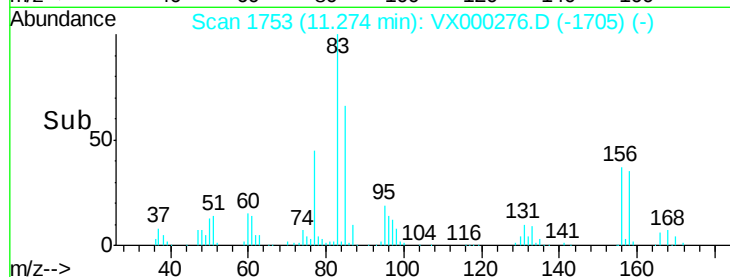
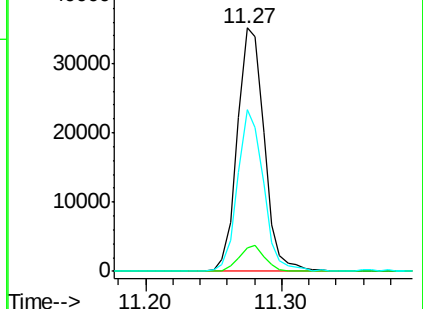
85 63.9 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.64 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000276.D

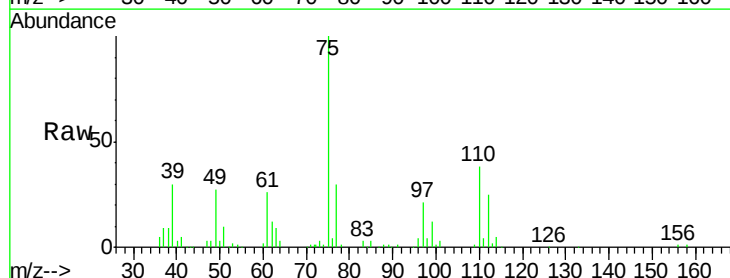
Acq: 12 Mar 2018 13:48

Tgt Ion: 75 Resp: 54977

Ion Ratio Lower Upper

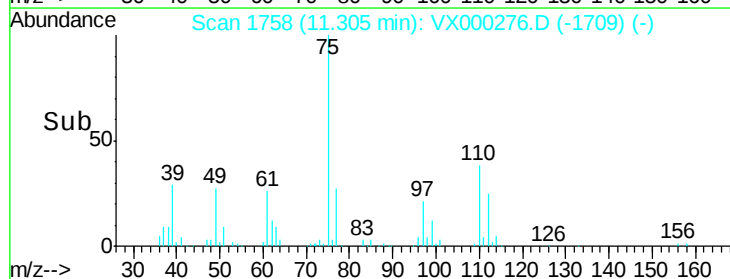
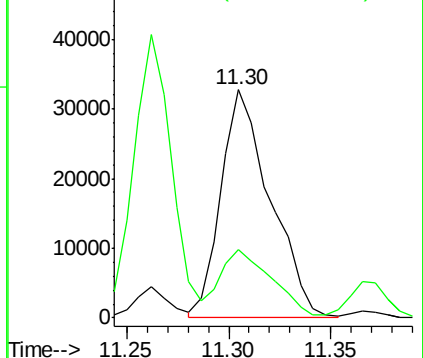
75 100

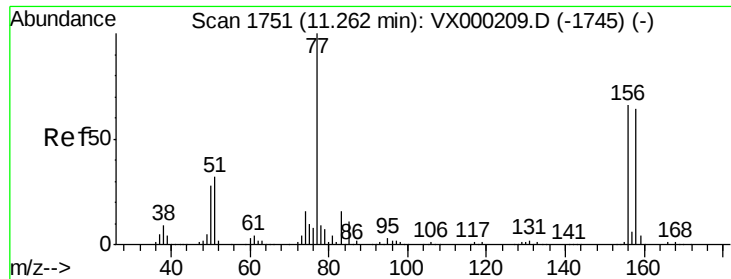
77 31.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.42 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

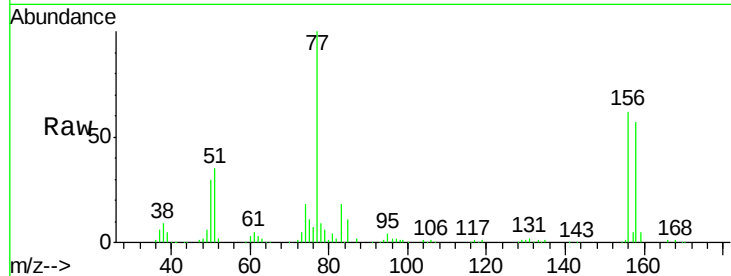
Tot Ion:156 Resp: 34160

Ion Ratio Lower Upper

156 100

77 154.2 71.9 215.7

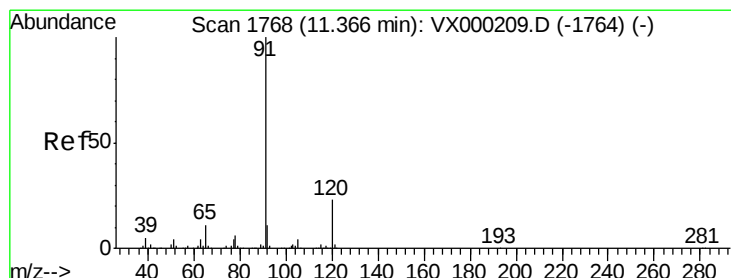
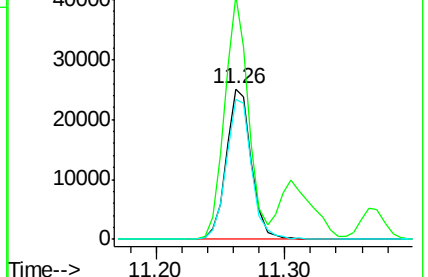
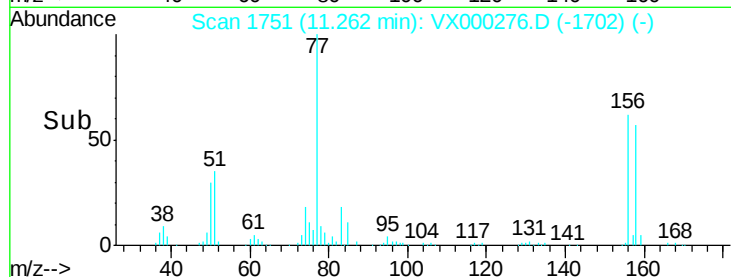
158 94.8 48.0 144.2



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: 18.23 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000276.D

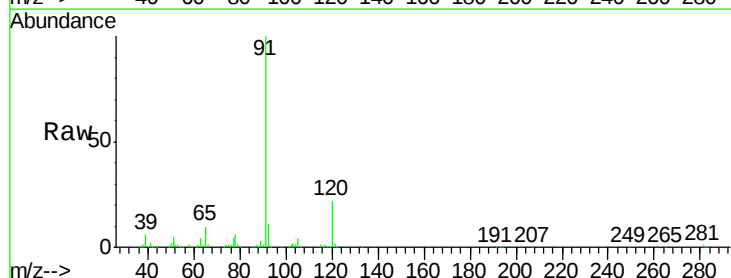
Acq: 12 Mar 2018 13:48

Tgt Ion: 91 Resp: 162692

Ion Ratio Lower Upper

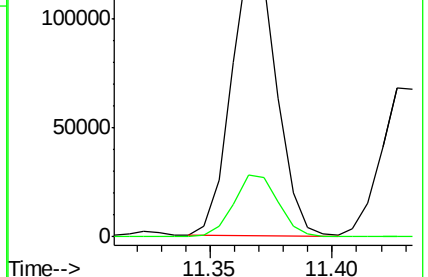
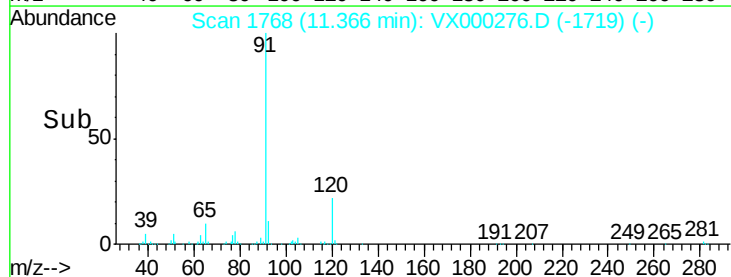
91 100

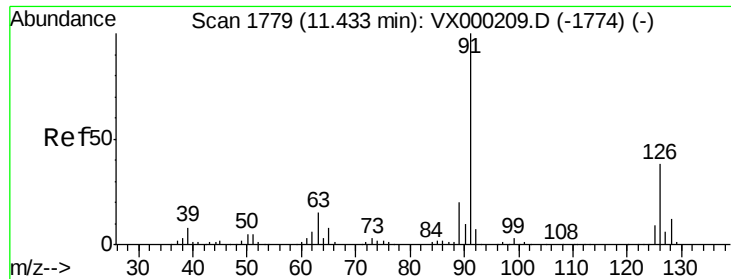
120 22.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

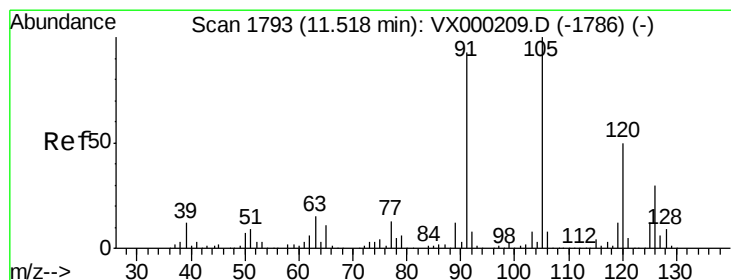
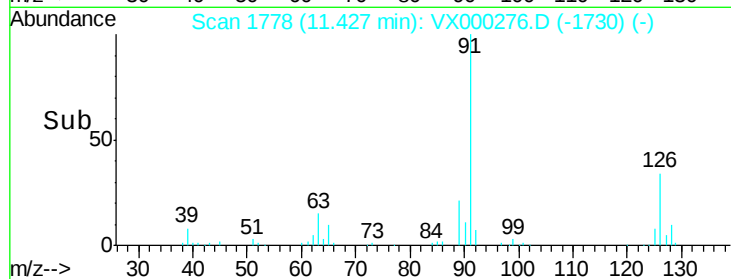
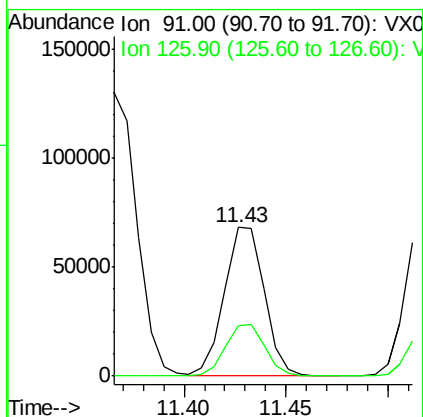
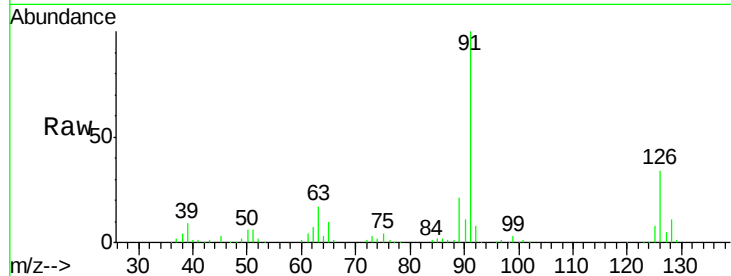




#79
 2-Chlorotoluene
 Concen: 18.26 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

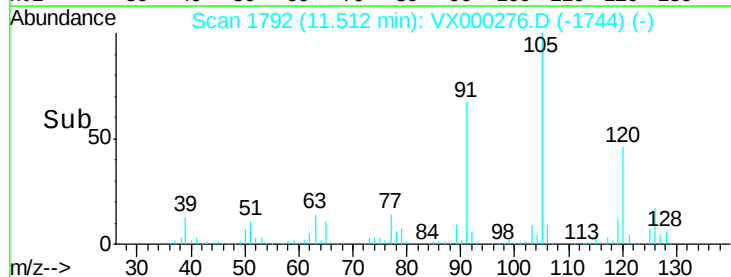
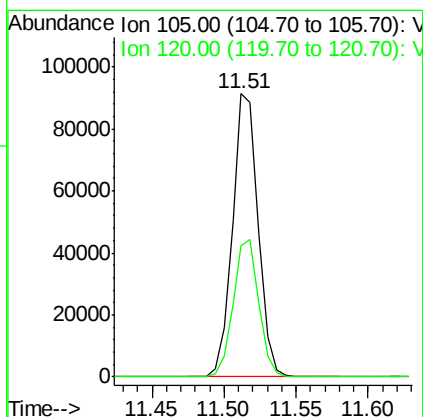
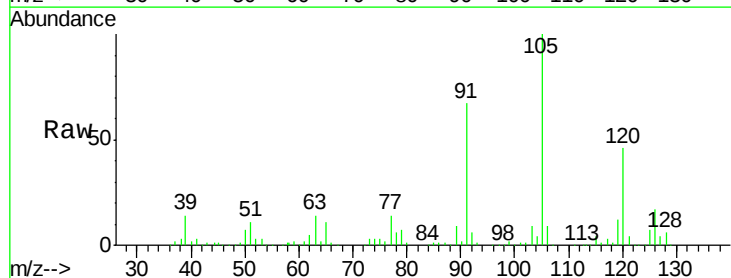
Instrument :
 MSVOA_X
 ClientSampleID :

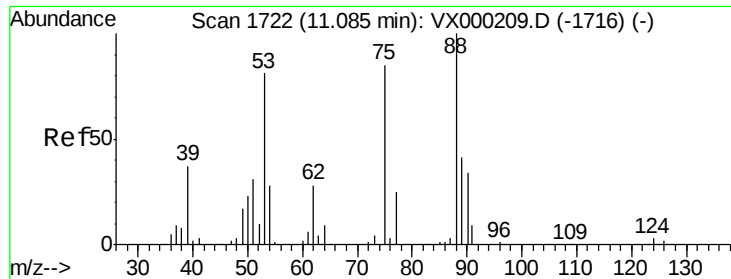
Tot Ion: 91 Resp: 91941
 Ion Ratio Lower Upper
 91 100
 126 34.7 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 18.04 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion: 105 Resp: 114253
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.18 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

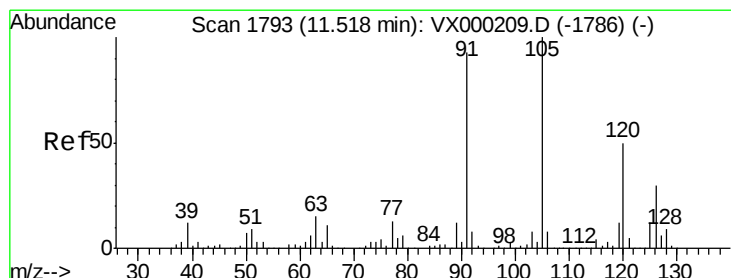
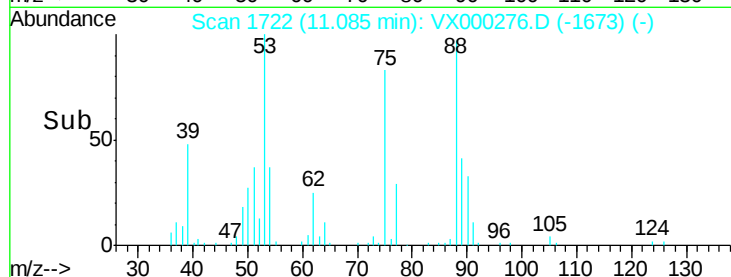
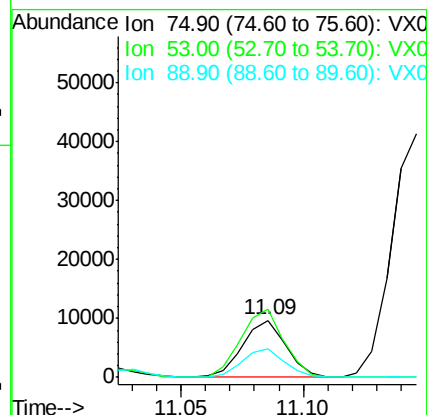
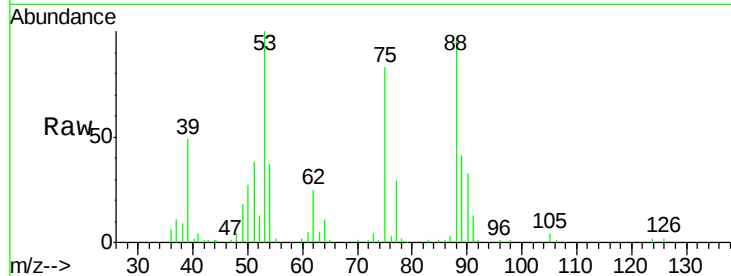
Tot Ion: 75 Resp: 12037

Ion Ratio Lower Upper

75 100

53 119.0 78.6 118.0#

89 48.5 38.8 58.2



#82

4-Chlorotoluene

Concen: 18.33 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000276.D

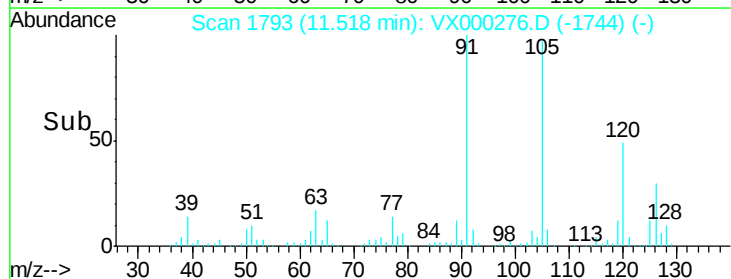
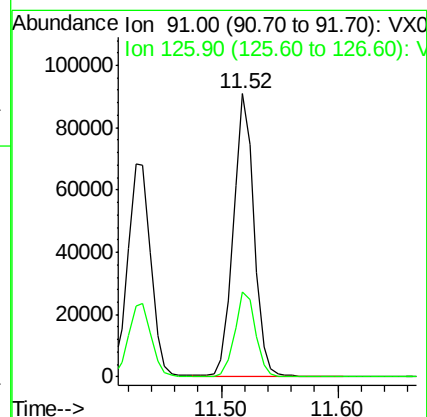
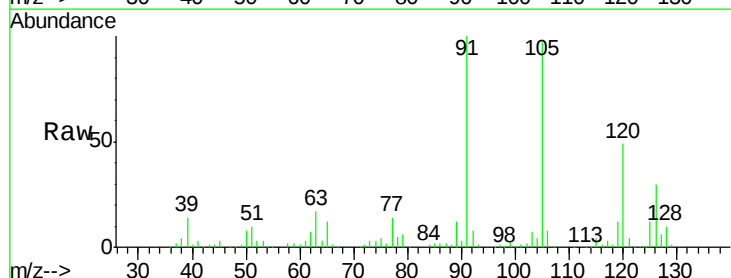
Acq: 12 Mar 2018 13:48

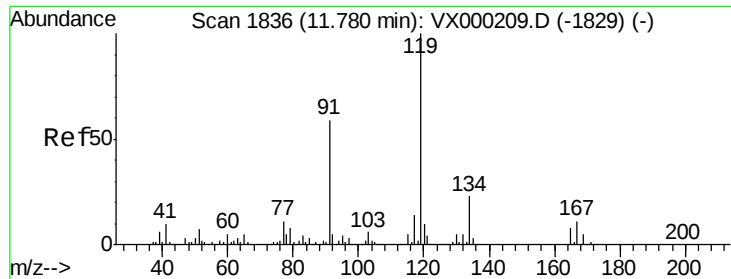
Tgt Ion: 91 Resp: 112243

Ion Ratio Lower Upper

91 100

126 30.2 16.0 48.0

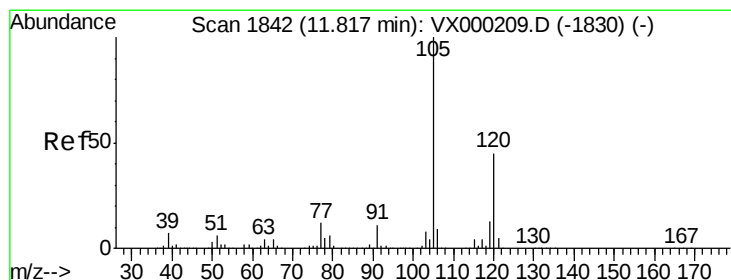
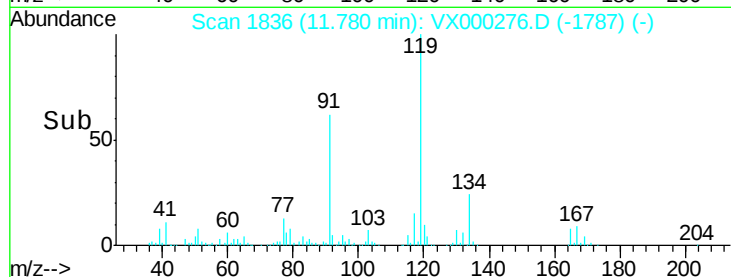
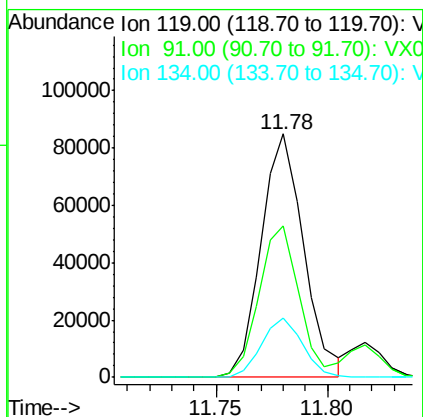
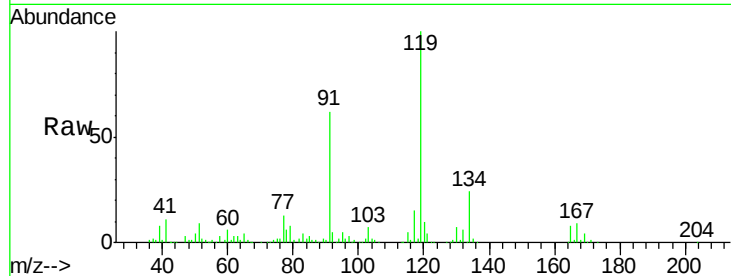




#83
tert-Butylbenzene
Concen: 18.30 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

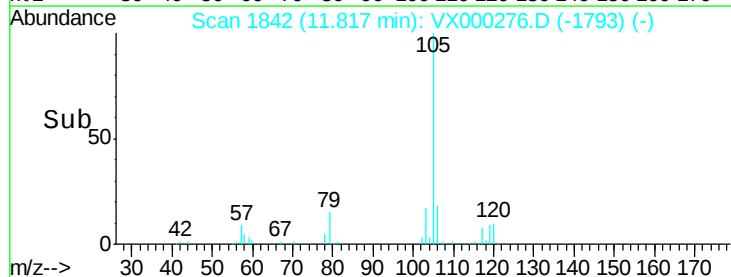
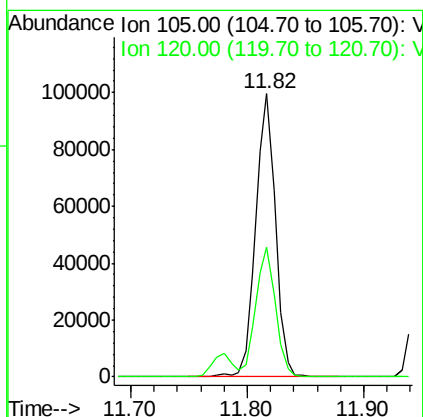
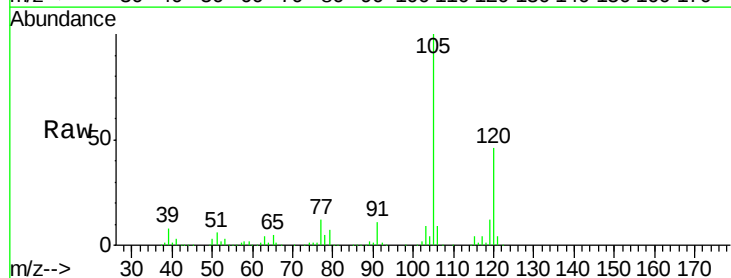
Instrument :
MSVOA_X
ClientSampleId :

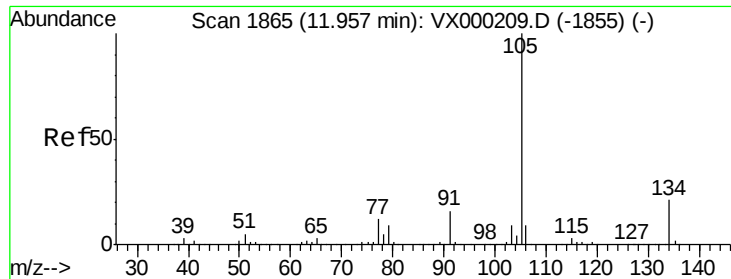
Tot Ion:119 Resp: 112738
Ion Ratio Lower Upper
119 100
91 58.5 28.9 86.7
134 23.4 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 18.18 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion:105 Resp: 118376
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.56 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

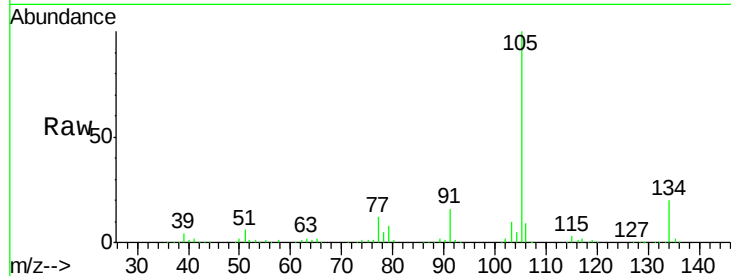
ClientSampleId :

Tot Ion:105 Resp: 144657

Ion Ratio Lower Upper

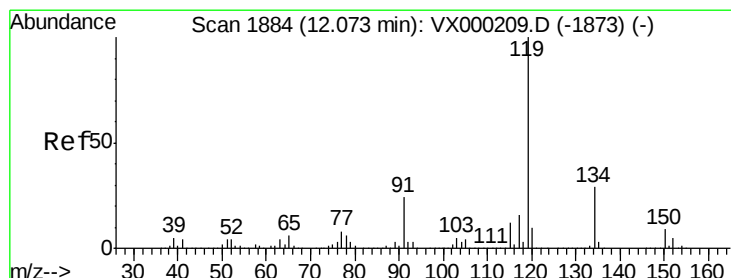
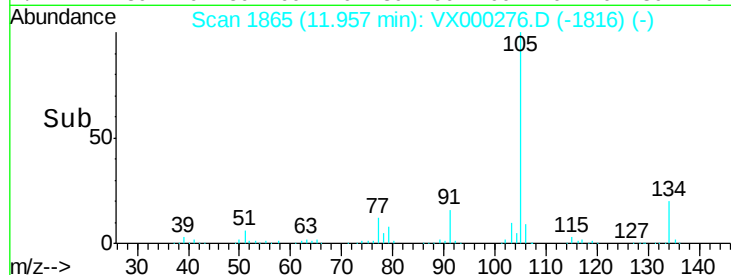
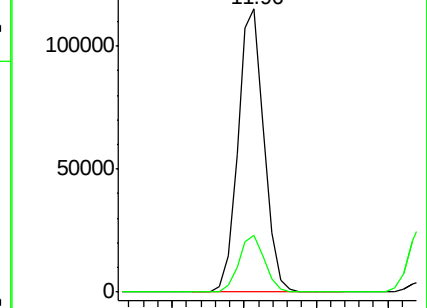
105 100

134 19.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.39 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

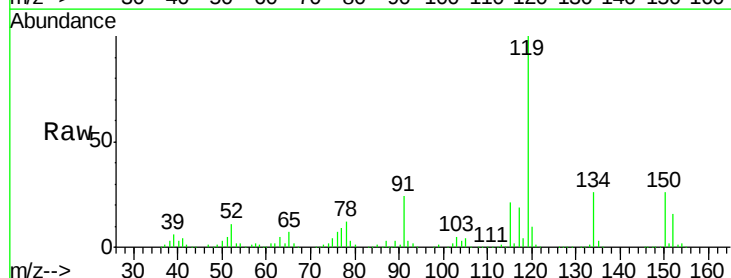
Tgt Ion:119 Resp: 126388

Ion Ratio Lower Upper

119 100

134 26.1 13.8 41.3

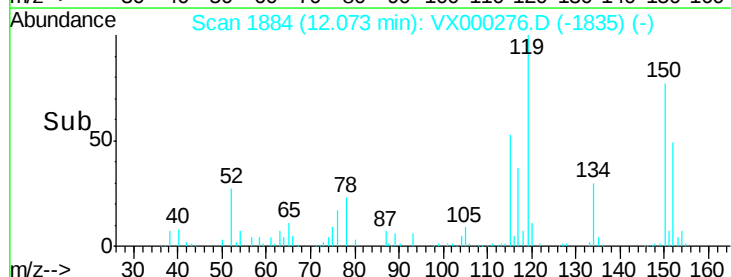
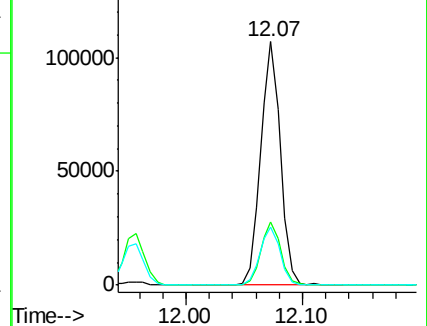
91 24.5 12.0 36.0

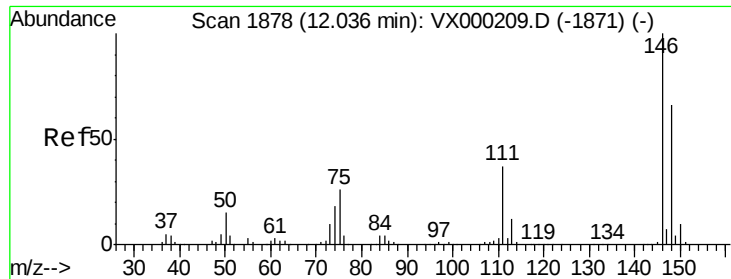


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

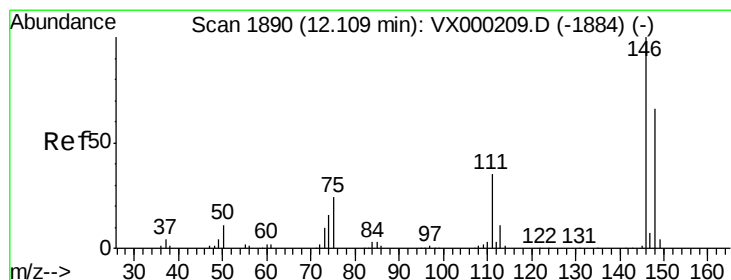
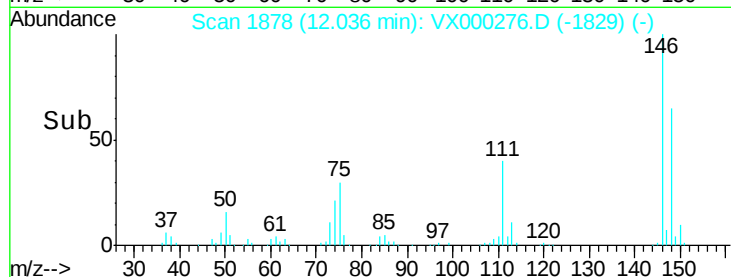
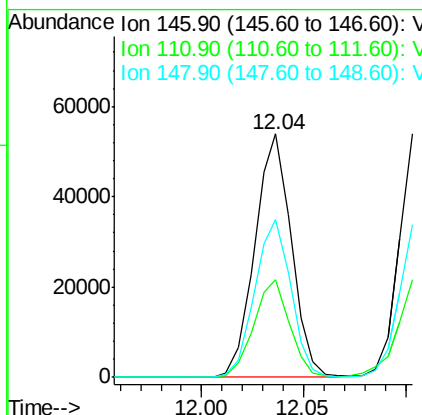
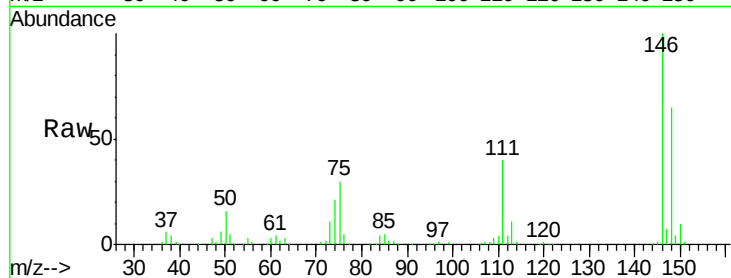




#87
 1,3-Dichlorobenzene
 Concen: 18.00 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

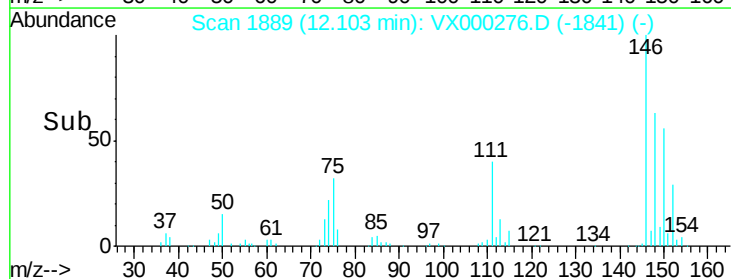
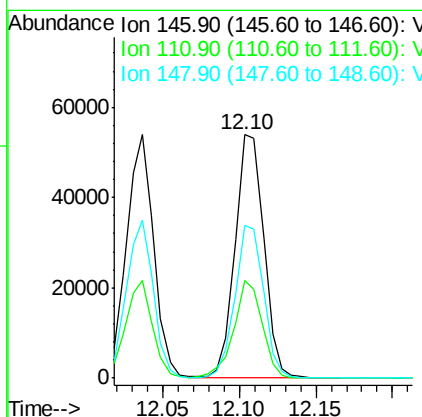
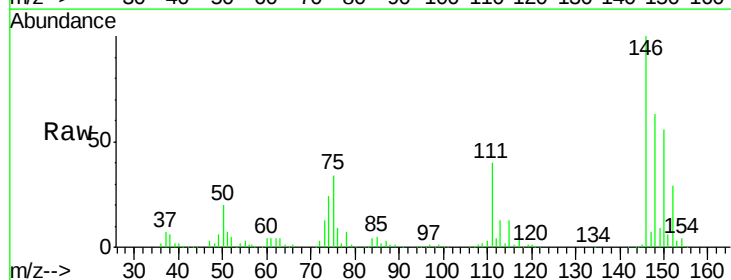
Instrument :
 MSVOA_X
 ClientSampleId :

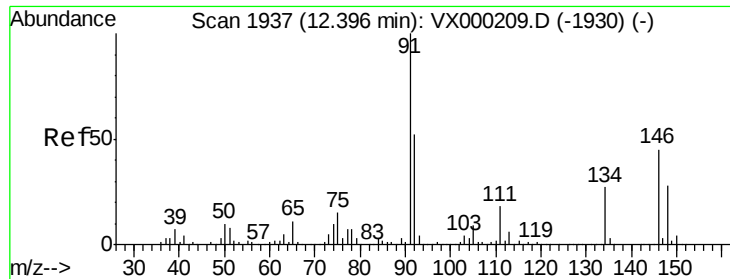
Tot Ion:146 Resp: 67126
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.0 57.0
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.05 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion:146 Resp: 70527
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.9
 148 62.4 32.6 97.8

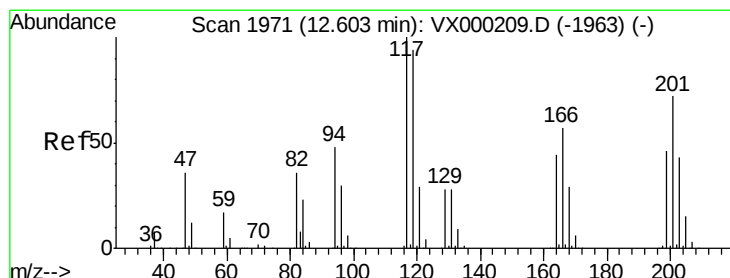
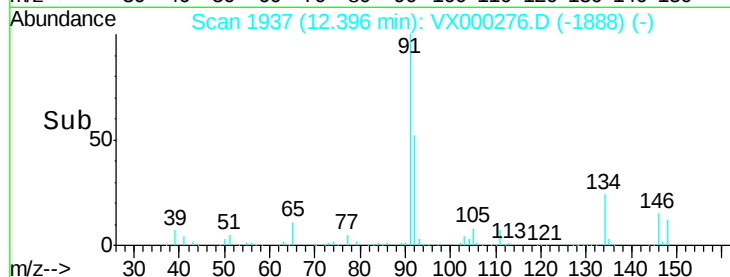
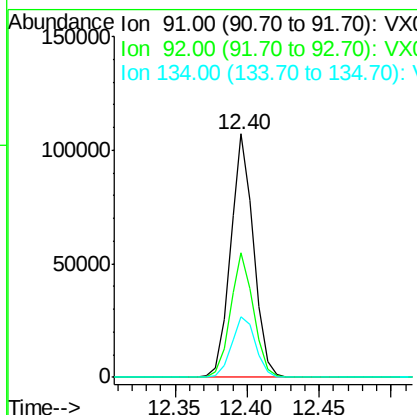
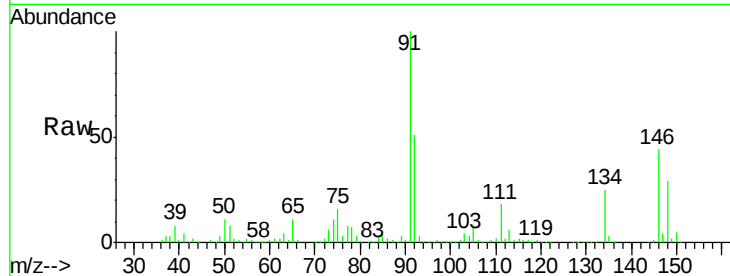




#89
n-Butylbenzene
Concen: 18.11 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

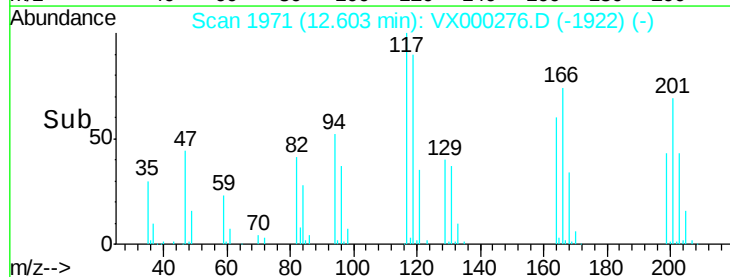
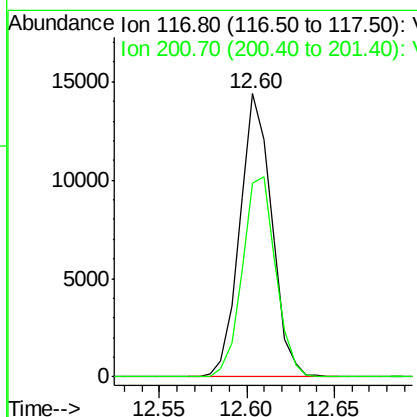
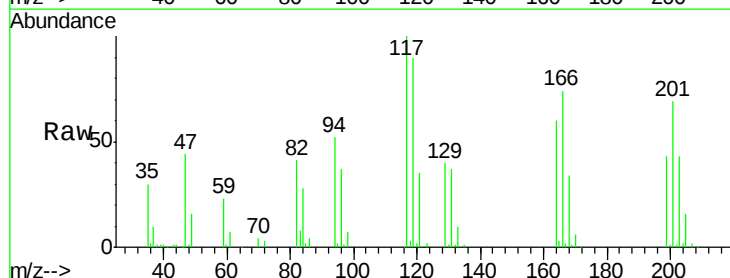
Instrument :
MSVOA_X
ClientSampleId :

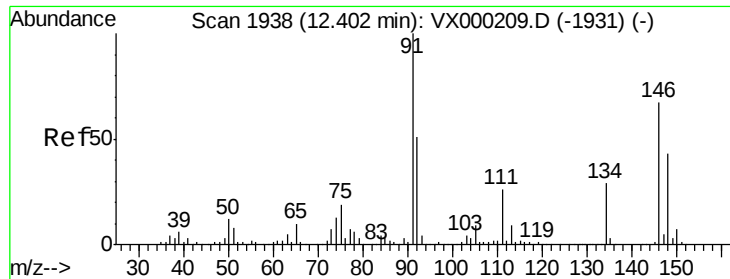
Tot Ion: 91 Resp: 119872
Ion Ratio Lower Upper
91 100
92 51.2 25.8 77.4
134 25.9 13.5 40.5



#90
Hexachloroethane
Concen: 16.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 117 Resp: 18232
Ion Ratio Lower Upper
117 100
201 73.6 38.2 114.6





#91

1,2-Dichlorobenzene

Concen: 17.78 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

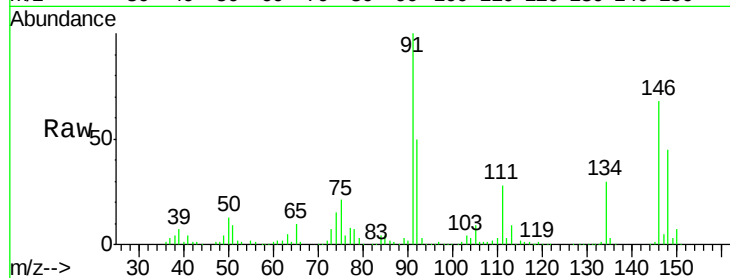
Tot Ion:146 Resp: 65641

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

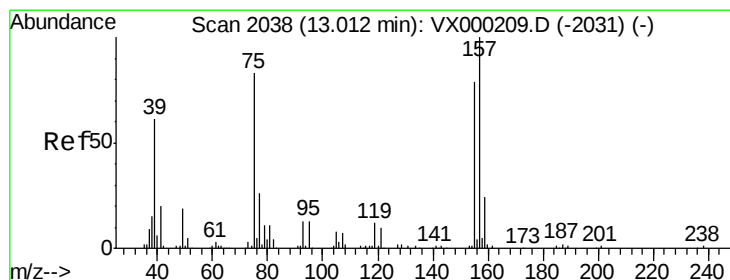
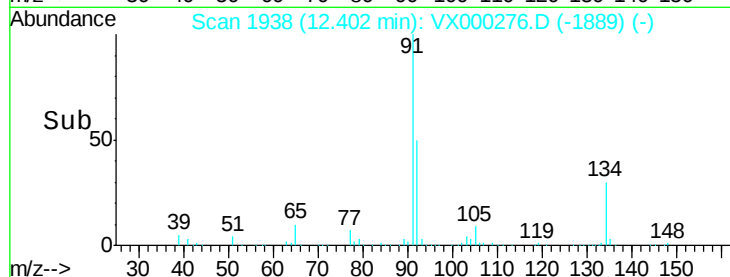
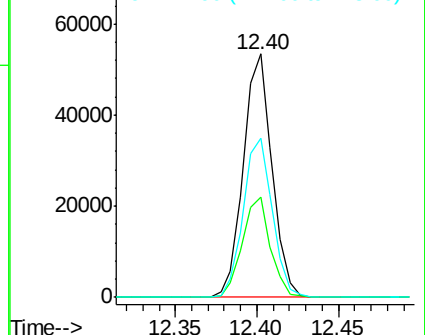
148 66.2 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.50 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

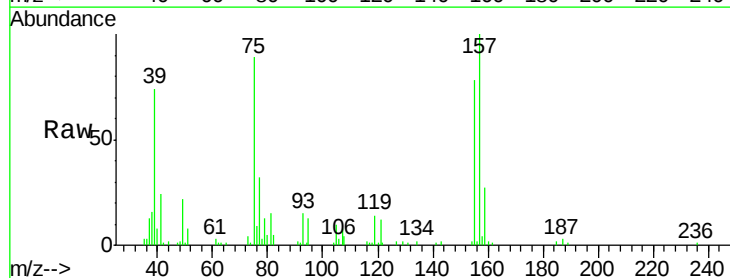
Tgt Ion: 75 Resp: 12325

Ion Ratio Lower Upper

75 100

155 85.4 45.5 136.5

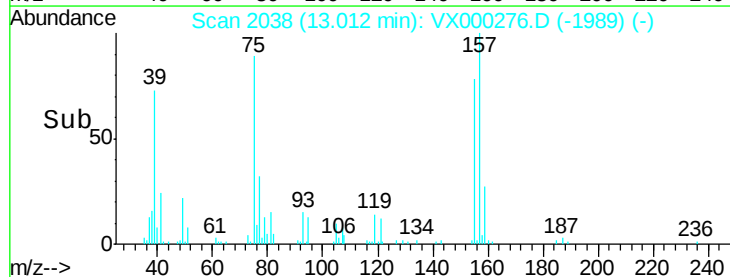
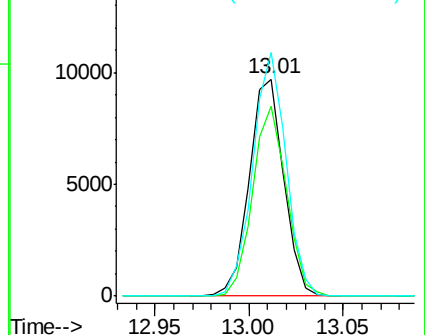
157 108.0 58.6 175.8

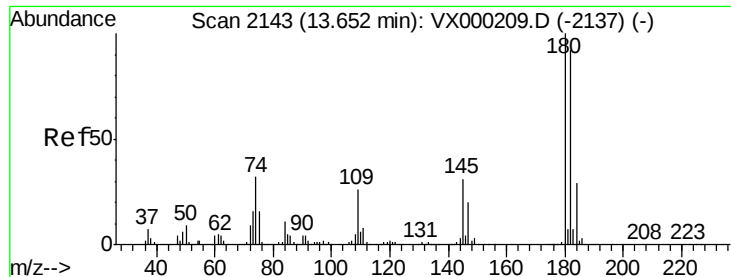


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

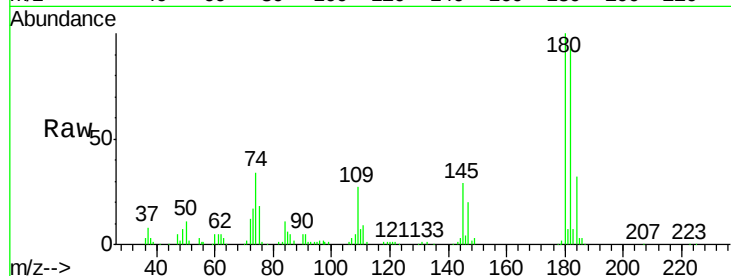




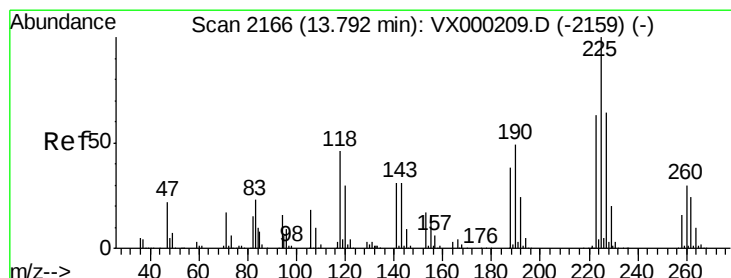
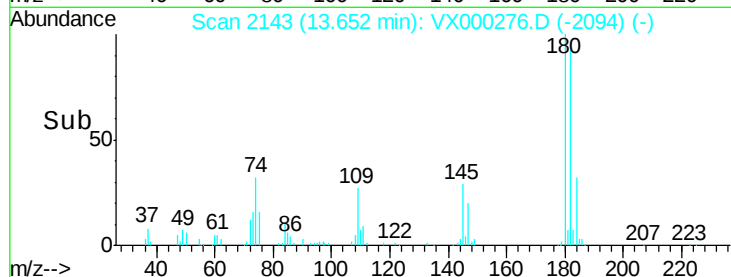
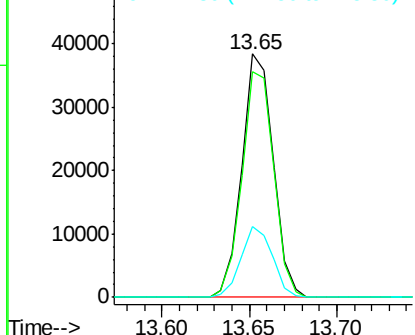
#93
 1,2,4-Trichlorobenzene
 Concen: 17.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 47871
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.0 141.0
 145 29.3 15.3 45.9

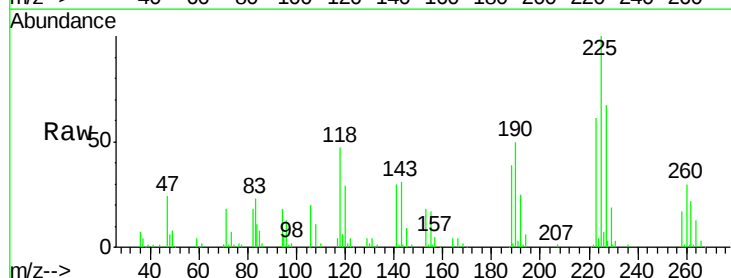


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

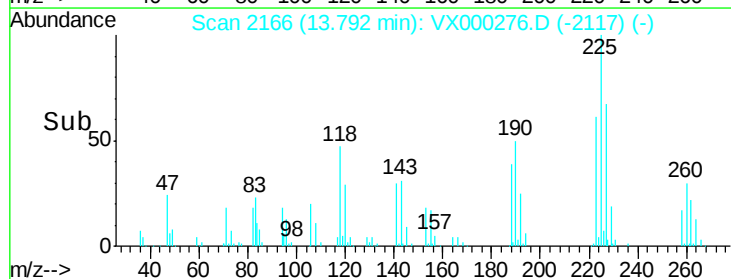
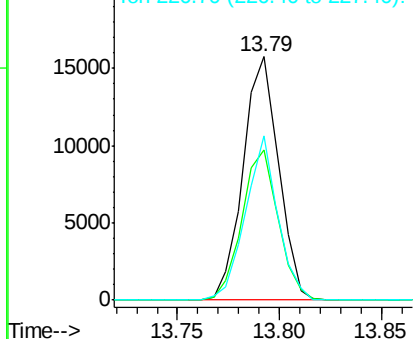


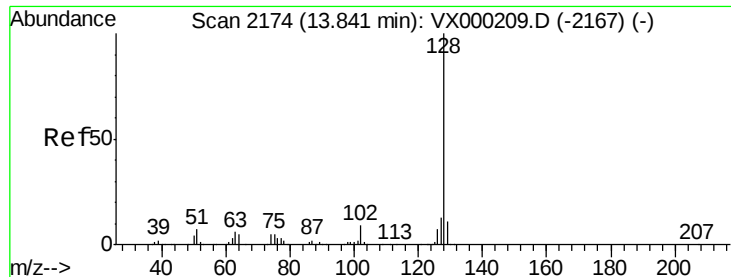
#94
 Hexachlorobutadiene
 Concen: 17.12 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion:225 Resp: 19132
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.8 95.3
 227 61.2 31.9 95.5



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





#95

Naphthalene

Concen: 18.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

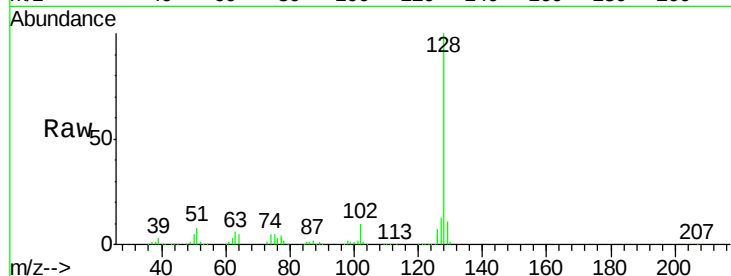
Tot Ion:128 Resp: 169783

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

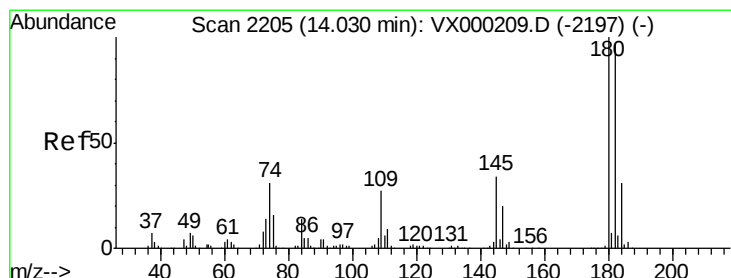
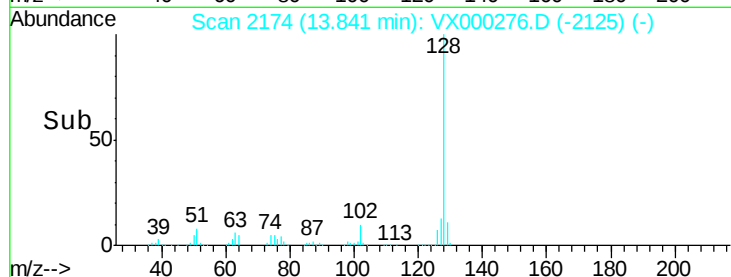
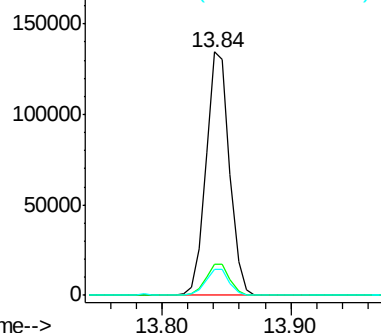
129 10.9 8.6 13.0



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: 18.12 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

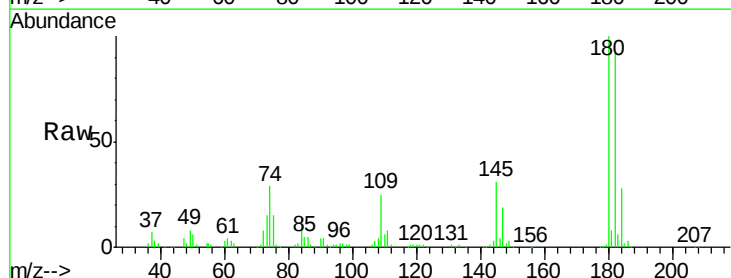
Tgt Ion:180 Resp: 48143

Ion Ratio Lower Upper

180 100

182 94.3 48.0 144.0

145 30.3 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

