

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001917.D
 Acq On : 23 May 2018 02:19
 Operator : JC/MD
 Sample : VX0522WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 03:38:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182645	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	172174	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
35) Dibromofluoromethane	5.51	113	144853	53.12	ug/l	0.00
Spiked Amount			Recovery	=	106.24%	
50) Toluene-d8	8.72	98	528595	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
62) 4-Bromofluorobenzene	11.14	95	174820	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42274	17.17	ug/l	97
3) Chloromethane	1.32	50	52895	19.89	ug/l	98
4) Vinyl Chloride	1.40	62	53568	18.63	ug/l	99
5) Bromomethane	1.64	94	33965	26.58	ug/l	97
6) Chloroethane	1.73	64	35826	19.78	ug/l	97
7) Trichlorofluoromethane	1.93	101	82200	19.68	ug/l	99
8) Diethyl Ether	2.19	74	36901	21.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47687	18.96	ug/l	98
10) Methyl Iodide	2.51	142	49255	21.29	ug/l	98
11) Tert butyl alcohol	3.08	59	80807	138.42	ug/l	98
12) 1,1-Dichloroethene	2.37	96	45956	18.95	ug/l	96
13) Acrolein	2.29	56	19397	46.85	ug/l	96
14) Allyl chloride	2.73	41	93025	20.76	ug/l	95
15) Acrylonitrile	3.15	53	179408	122.36	ug/l	99
16) Acetone	2.45	43	163479	126.59	ug/l	98
17) Carbon Disulfide	2.57	76	96545	15.26	ug/l	99
18) Methyl Acetate	2.78	43	103957	27.53	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	181106	22.16	ug/l	100
20) Methylene Chloride	2.86	84	57136	20.67	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	50844	19.04	ug/l	99
22) Diisopropyl ether	3.88	45	193304	22.48	ug/l	98
23) Vinyl Acetate	3.83	43	644303	104.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100883	21.40	ug/l	99
25) 2-Butanone	4.71	43	260796	131.90	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50657	13.35	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	64137	21.10	ug/l	97
28) Bromochloromethane	5.03	49	53457	25.52	ug/l	97
29) Tetrahydrofuran	5.18	42	168508	130.74	ug/l	98
30) Chloroform	5.23	83	109552	22.12	ug/l	98
31) Cyclohexane	5.58	56	79518	19.24	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	90461	21.14	ug/l	98
36) 1,1-Dichloropropene	5.80	75	71945	19.34	ug/l	99
37) Ethyl Acetate	4.87	43	95914	24.74	ug/l	100
38) Carbon Tetrachloride	5.79	117	80126	20.56	ug/l	99

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76842	17.68	ug/l	98
40) Benzene	6.15	78	234913	21.44	ug/l	100
41) Methacrylonitrile	5.07	41	54783	24.44	ug/l	98
42) 1,2-Dichloroethane	6.21	62	89149	22.49	ug/l	99
43) Isopropyl Acetate	6.48	43	141704	23.36	ug/l	99
44) Trichloroethene	7.22	130	69678	20.49	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62915	23.40	ug/l	99
46) Dibromomethane	7.67	93	41199	21.82	ug/l	99
47) Bromodichloromethane	7.90	83	78559	22.42	ug/l	95
48) Methyl methacrylate	7.79	41	77065	24.13	ug/l	98
49) 1,4-Dioxane	7.76	88	34943	568.32	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	513345	133.52	ug/l	98
52) Toluene	8.79	92	152276	21.62	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	84557	20.51	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	75260	20.71	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	57953	21.53	ug/l	97
56) Ethyl methacrylate	9.19	69	81552	21.36	ug/l	99
57) 1,3-Dichloropropane	9.38	76	95448	21.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	239092	121.77	ug/l	100
59) 2-Hexanone	9.51	43	343498	124.81	ug/l	98
60) Dibromochloromethane	9.59	129	58624	21.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59973	21.28	ug/l	99
64) Tetrachloroethene	9.34	164	76025	21.51	ug/l	95
65) Chlorobenzene	10.15	112	156083	20.90	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	58227	22.08	ug/l	99
67) Ethyl Benzene	10.26	91	248149	20.79	ug/l	99
68) m/p-Xylenes	10.37	106	199081	42.28	ug/l	100
69) o-Xylene	10.70	106	94685	21.00	ug/l	97
70) Styrene	10.72	104	160701	21.61	ug/l	99
71) Bromoform	10.87	173	47220	21.04	ug/l #	100
73) Isopropylbenzene	11.02	105	261295	21.72	ug/l	99
74) N-amyl acetate	6.48	43	141704	24.57	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85206	23.61	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	95101	27.38	ug/l	88
77) Bromobenzene	11.26	156	76734	21.71	ug/l	99
78) n-propylbenzene	11.37	91	288662	21.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	175680	21.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	217050	22.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18621	18.23	ug/l	91
82) 4-Chlorotoluene	11.52	91	203495	21.31	ug/l	100
83) tert-Butylbenzene	11.77	119	210689	21.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	223853	21.91	ug/l	100
85) sec-Butylbenzene	11.95	105	260668	21.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	237262	21.15	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	138189	21.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141355	20.91	ug/l	99
89) n-Butylbenzene	12.40	91	190938	19.68	ug/l	99
90) Hexachloroethane	12.60	117	36629	21.03	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	139073	21.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18858	24.49	ug/l	98

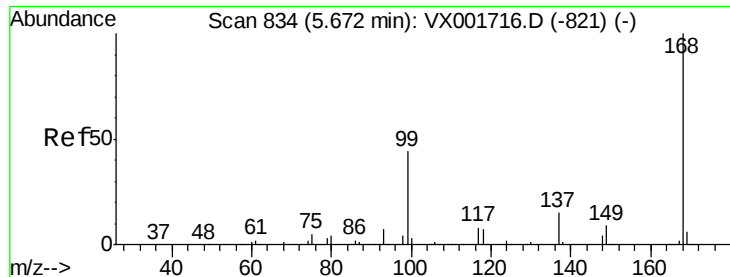
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104712	20.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	55560	19.94	ug/l	98
95) Naphthalene	13.84	128	300877	22.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	109951	21.03	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

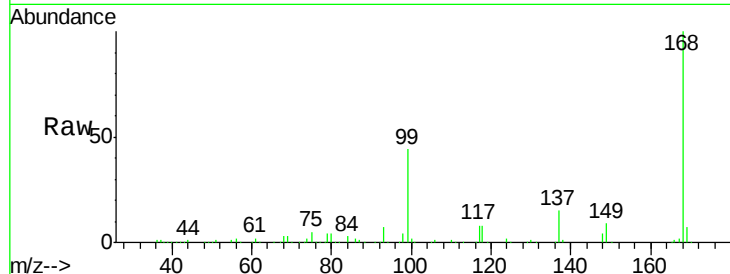
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 245310

Ion Ratio Lower Upper

168 100

99 43.7 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

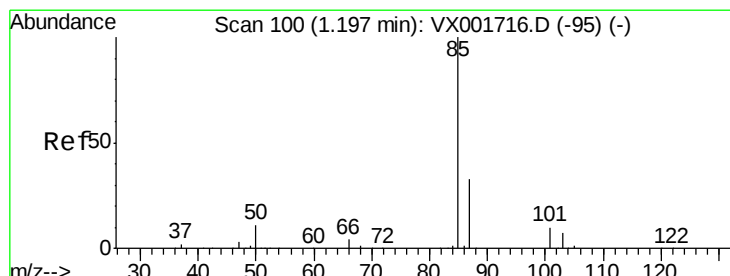
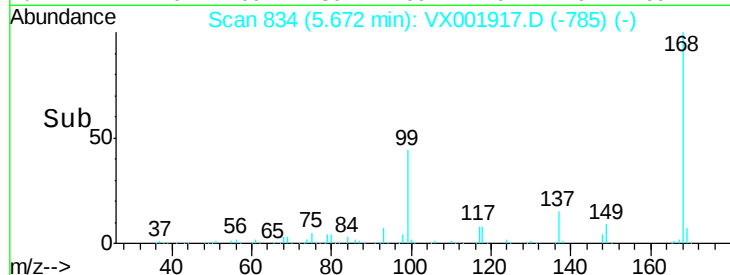
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001917.D

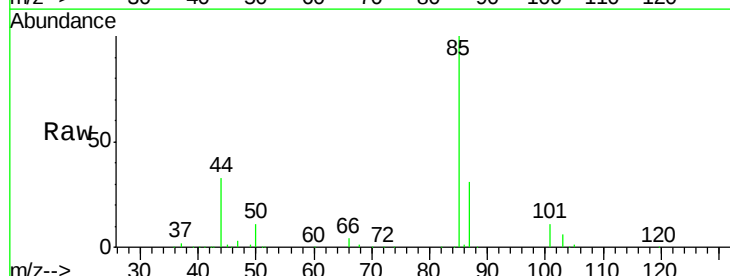
Acq: 23 May 2018 02:19

Tgt Ion: 85 Resp: 42274

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

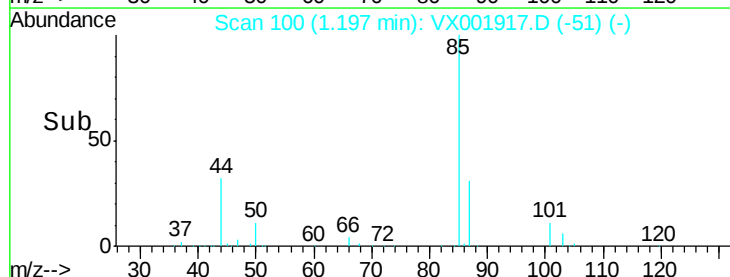
20000

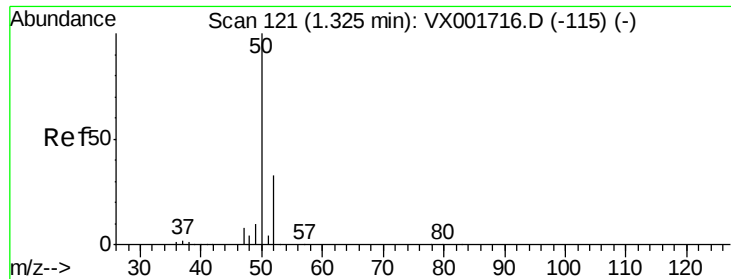
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

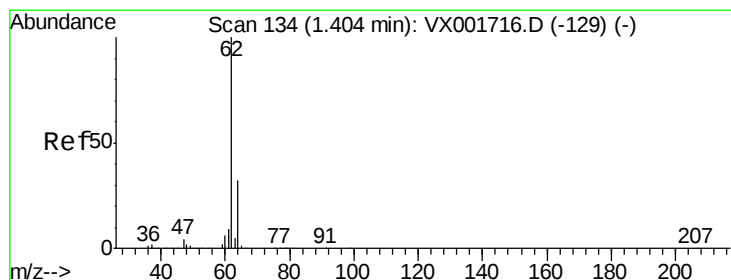
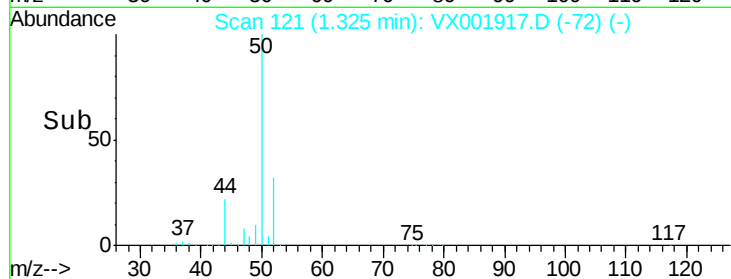
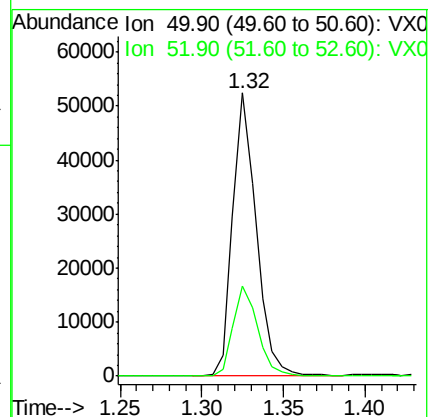
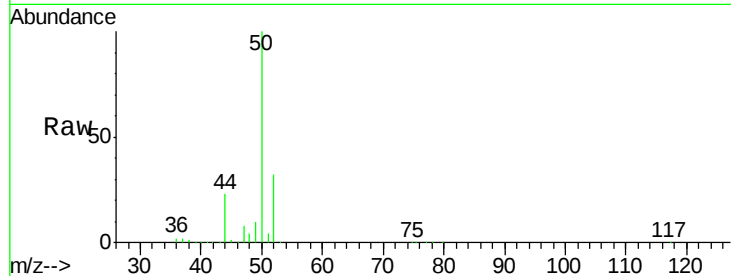
ClientSampleId :

Tot Ion: 50 Resp: 52895

Ion Ratio Lower Upper

50 100

52 31.7 26.3 39.5



#4

Vinyl Chloride

Concen: 18.63 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001917.D

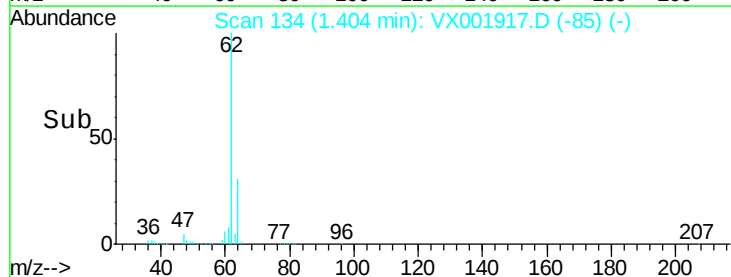
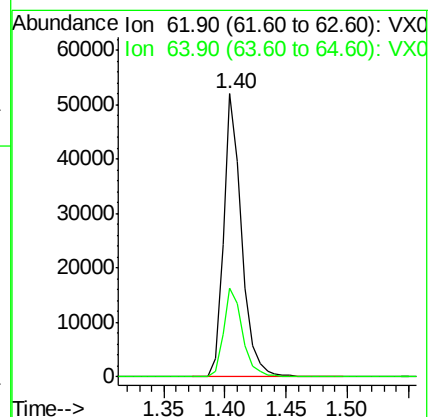
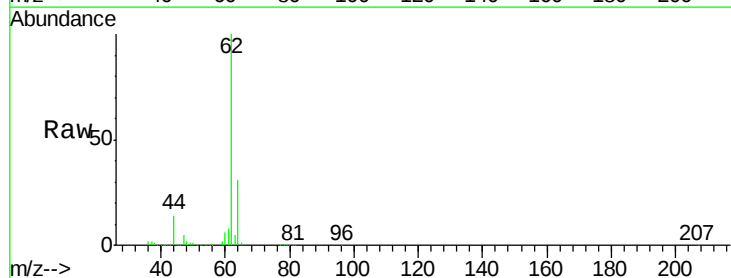
Acq: 23 May 2018 02:19

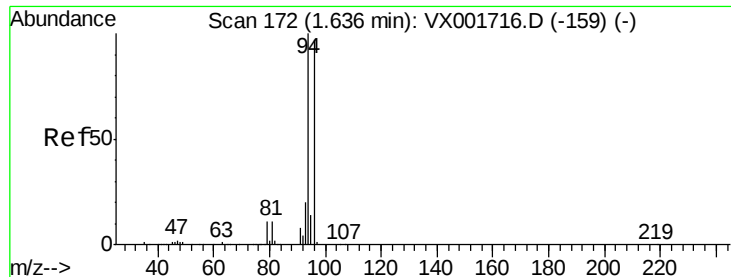
Tgt Ion: 62 Resp: 53568

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 26.58 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

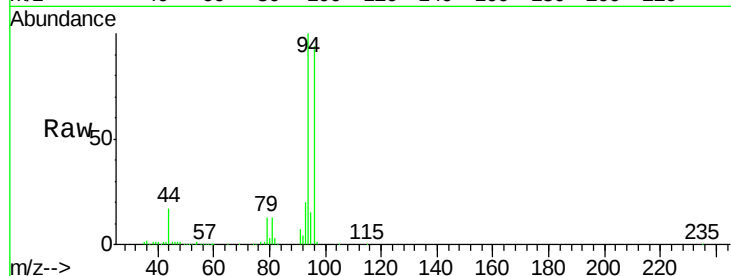
ClientSampled :

Tot Ion: 94 Resp: 33965

Ion Ratio Lower Upper

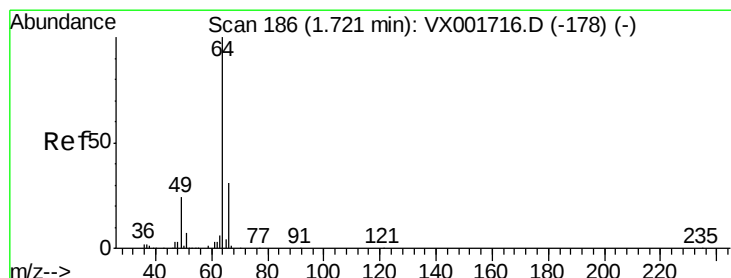
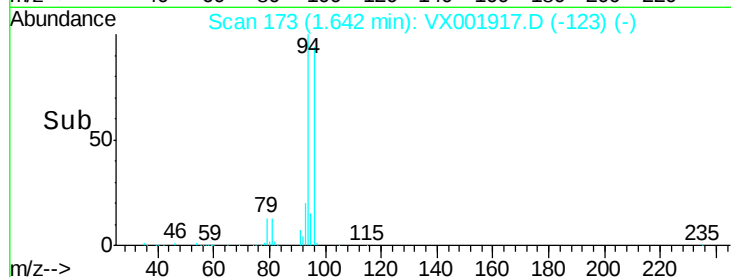
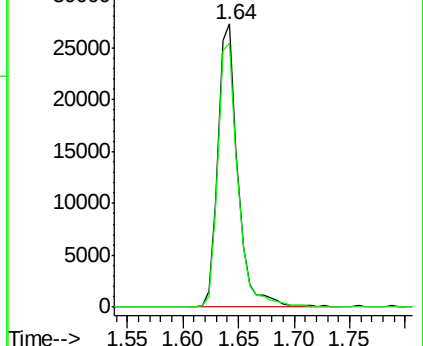
94 100

96 93.4 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.78 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001917.D

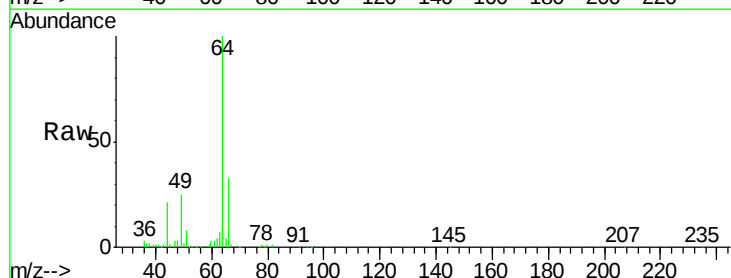
Acq: 23 May 2018 02:19

Tgt Ion: 64 Resp: 35826

Ion Ratio Lower Upper

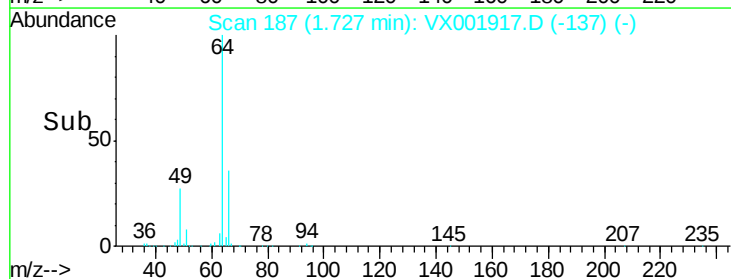
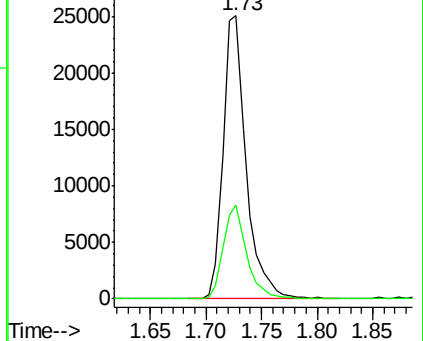
64 100

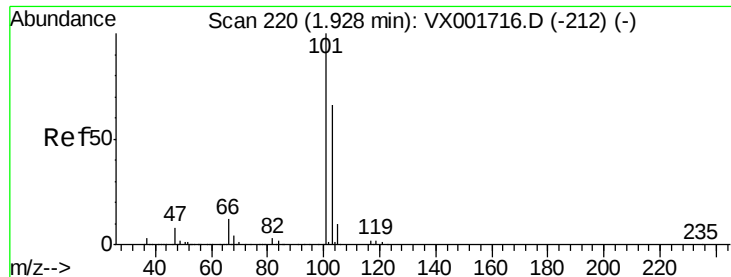
66 33.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



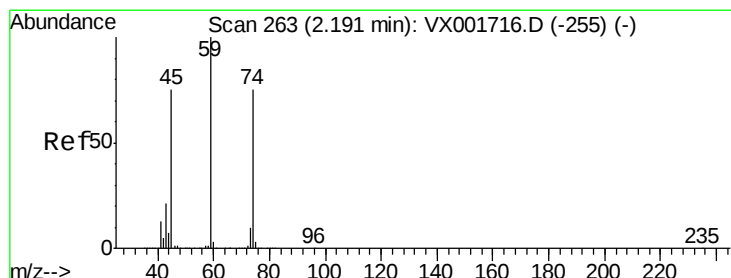
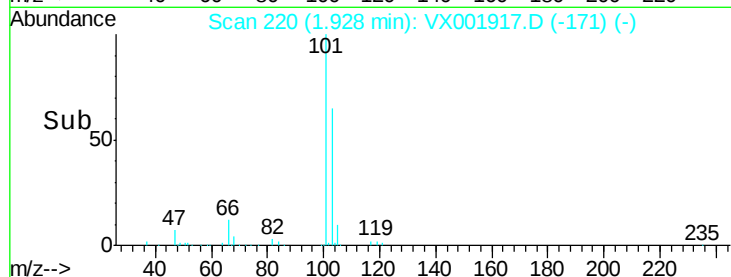
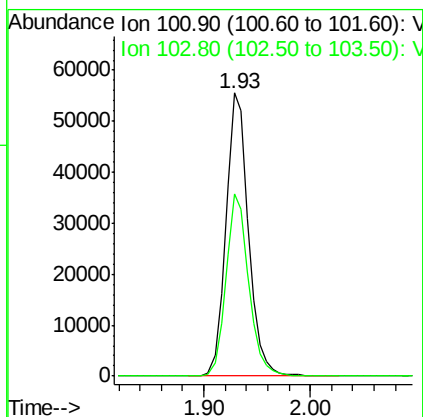
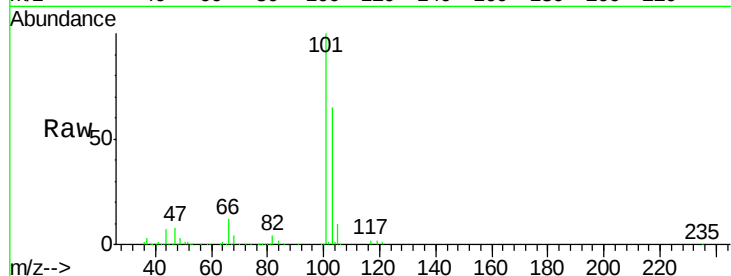


#7

Trichlorofluoromethane
 Concen: 19.68 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :

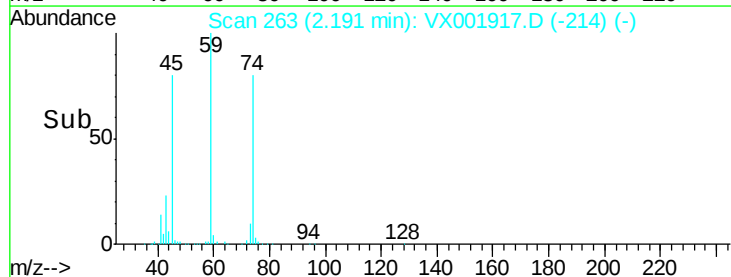
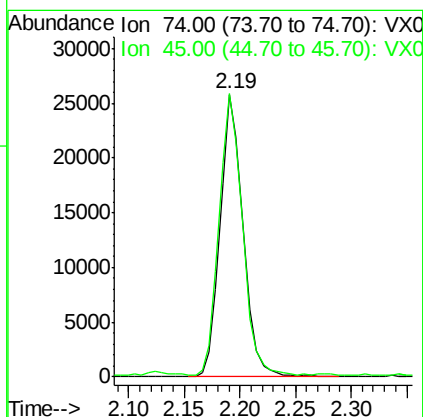
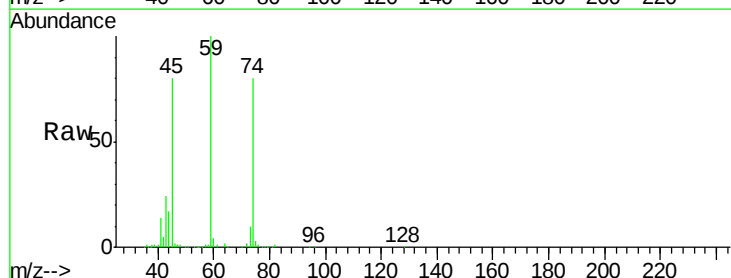
Tot Ion:101 Resp: 82200
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8

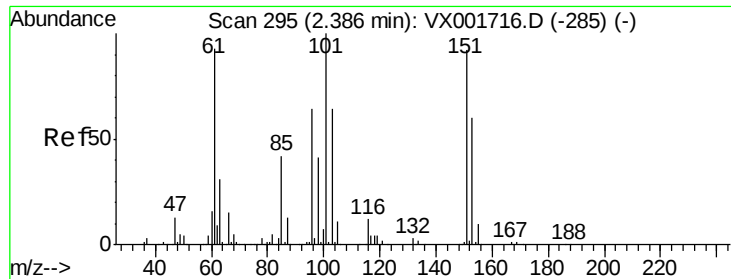


#8

Diethyl Ether
 Concen: 21.46 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion: 74 Resp: 36901
 Ion Ratio Lower Upper
 74 100
 45 101.2 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.96 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

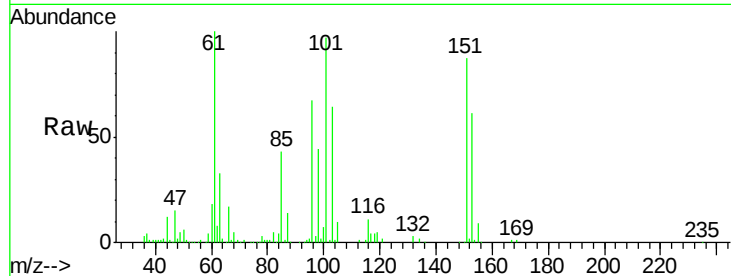
Tot Ion:101 Resp: 47687

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

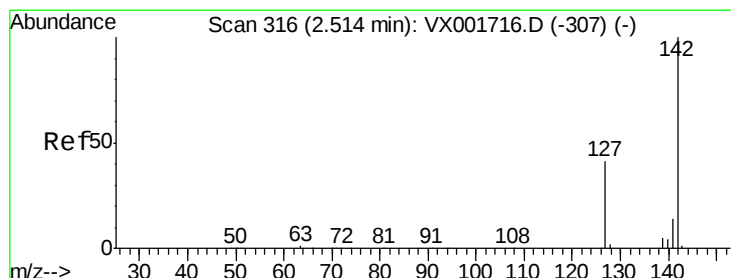
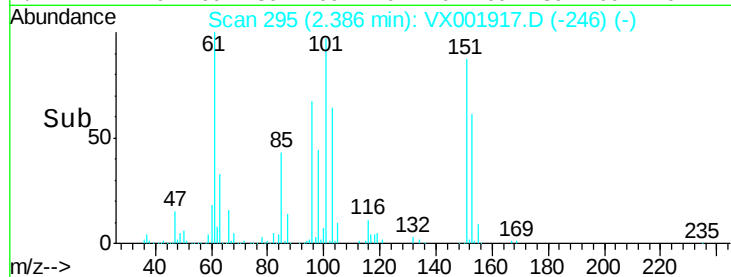
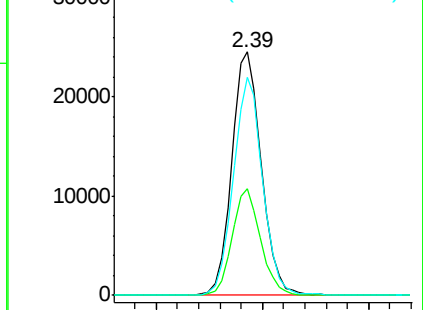
151 88.4 73.0 109.6



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: 21.29 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

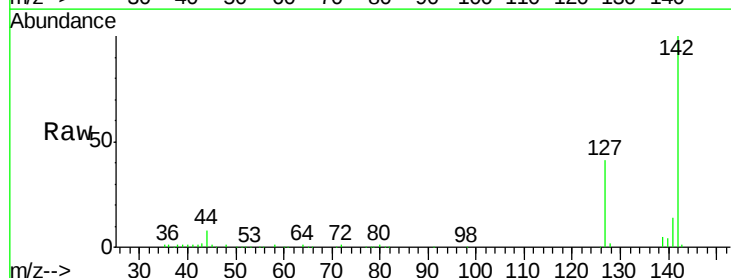
Tgt Ion:142 Resp: 49255

Ion Ratio Lower Upper

142 100

127 41.9 32.5 48.7

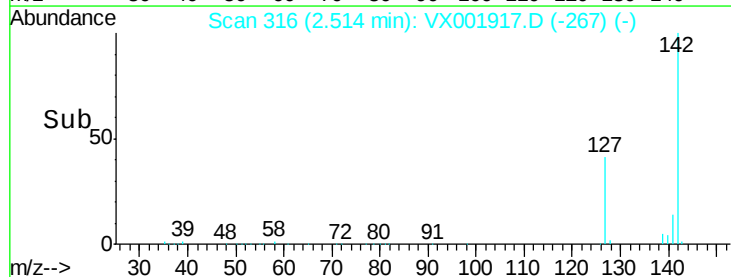
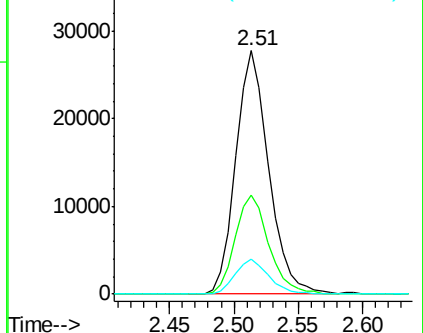
141 14.6 11.4 17.0

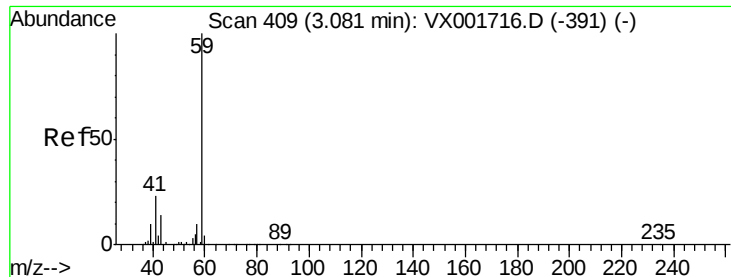


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

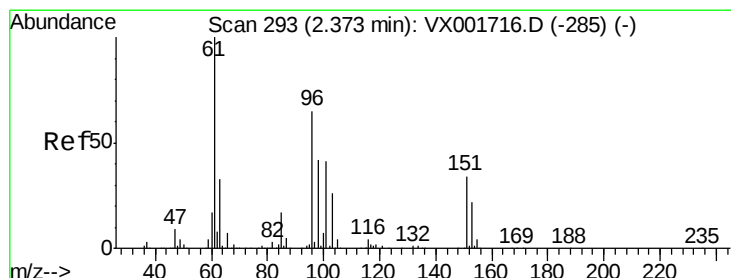
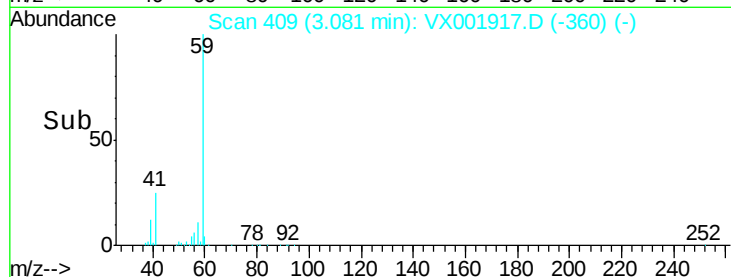
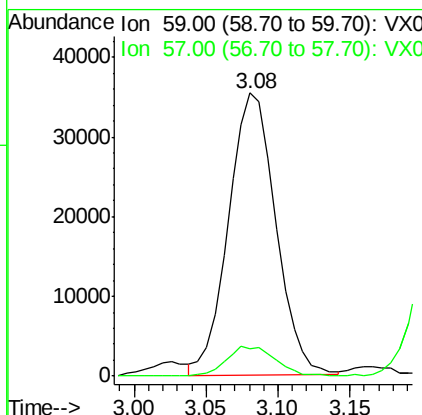
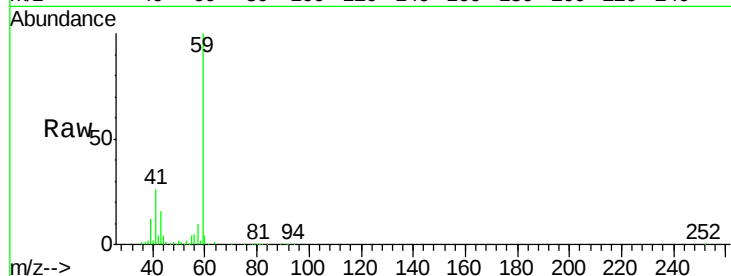




#11
Tert butyl alcohol
Concen: 138.42 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

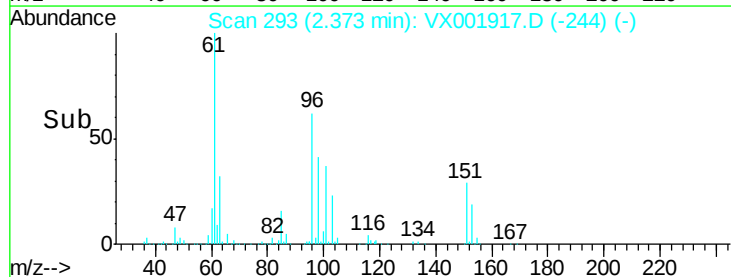
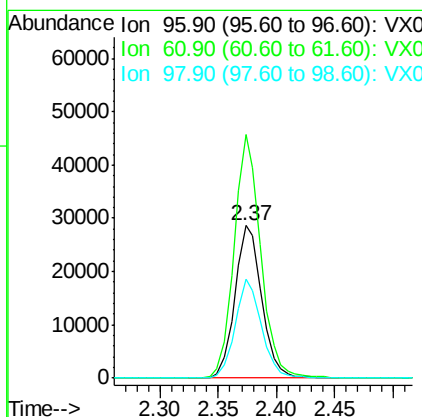
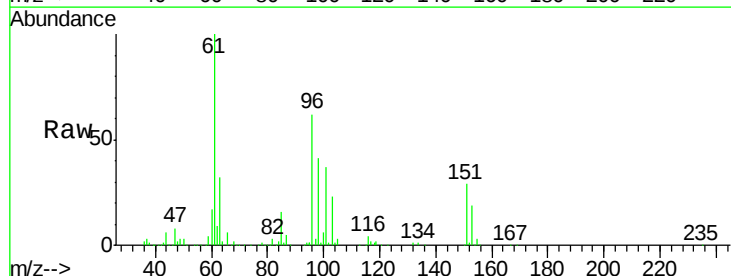
Instrument :
MSVOA_X
ClientSampled :

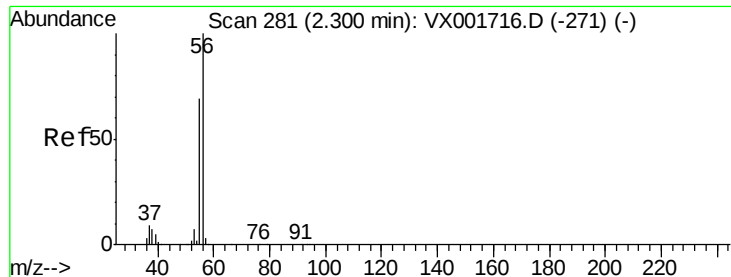
Tot Ion: 59 Resp: 80807
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.95 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 96 Resp: 45956
Ion Ratio Lower Upper
96 100
61 160.1 122.2 183.2
98 64.9 51.4 77.0





#13

Acrolein

Concen: 46.85 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

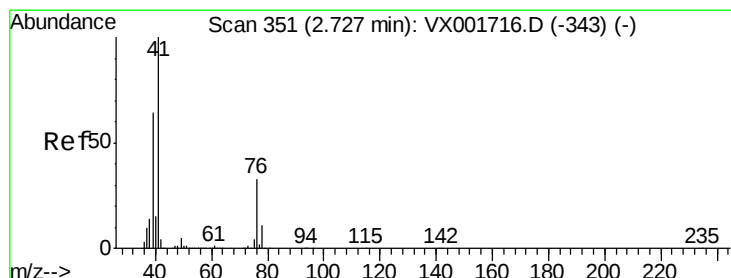
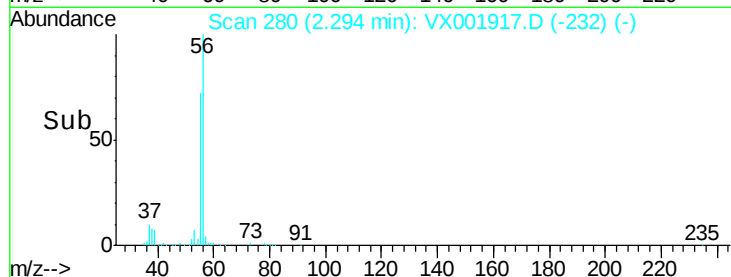
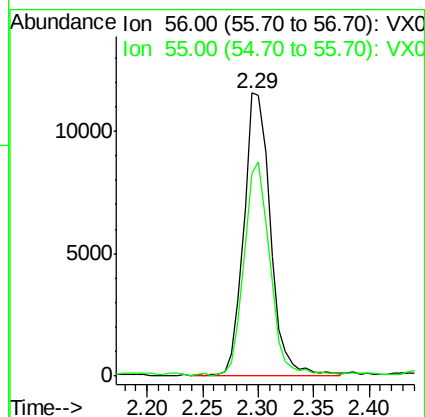
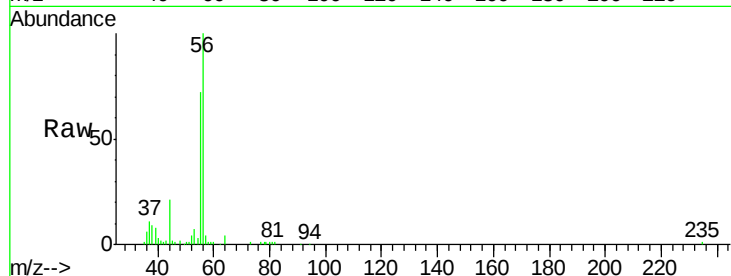
ClientSampleId :

Tot Ion: 56 Resp: 19397

Ion Ratio Lower Upper

56 100

55 73.5 56.2 84.2



#14

Allyl chloride

Concen: 20.76 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

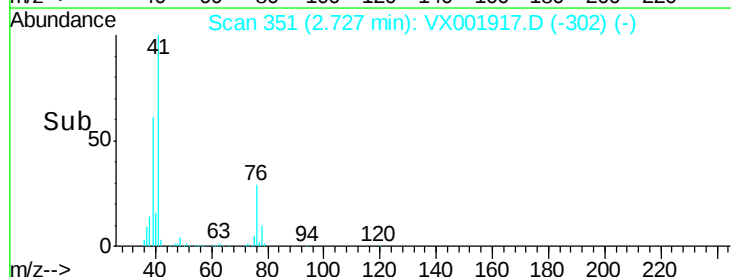
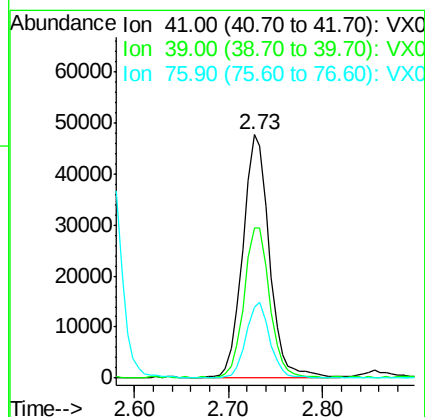
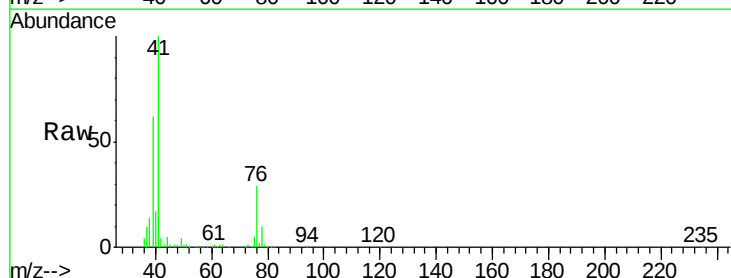
Tgt Ion: 41 Resp: 93025

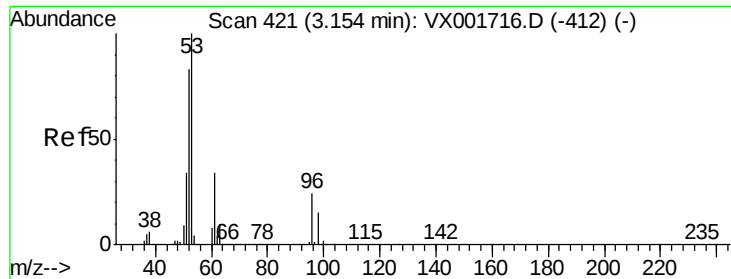
Ion Ratio Lower Upper

41 100

39 59.3 49.8 74.6

76 28.3 25.8 38.8





#15

Acrylonitrile

Concen: 122.36 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

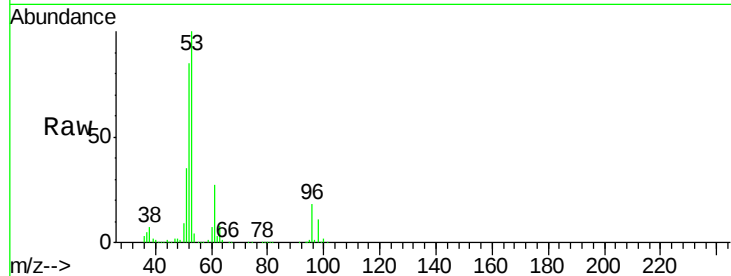
Tot Ion: 53 Resp: 179408

Ion Ratio Lower Upper

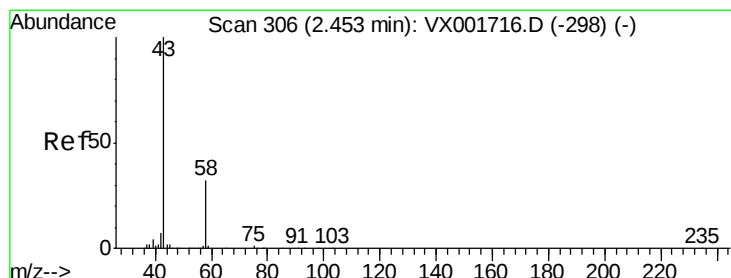
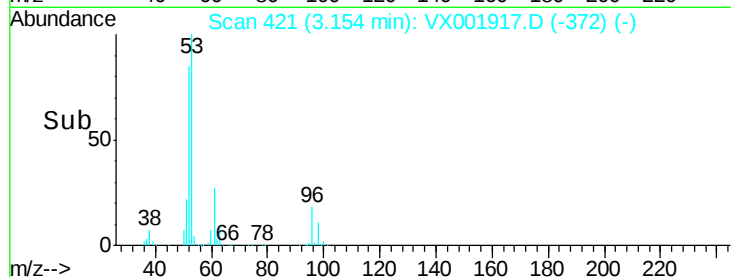
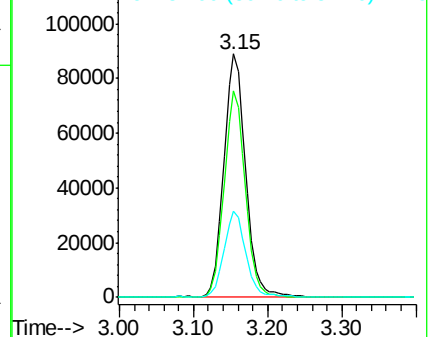
53 100

52 82.7 65.6 98.4

51 35.6 28.1 42.1



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



#16

Acetone

Concen: 126.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001917.D

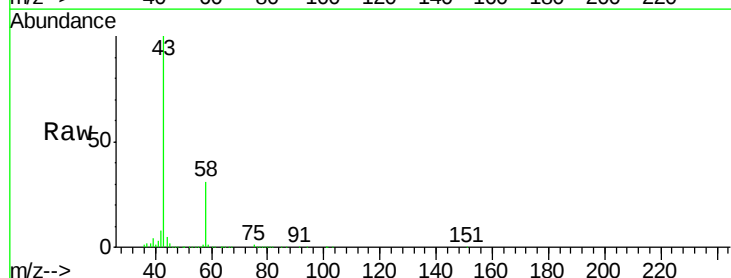
Acq: 23 May 2018 02:19

Tgt Ion: 43 Resp: 163479

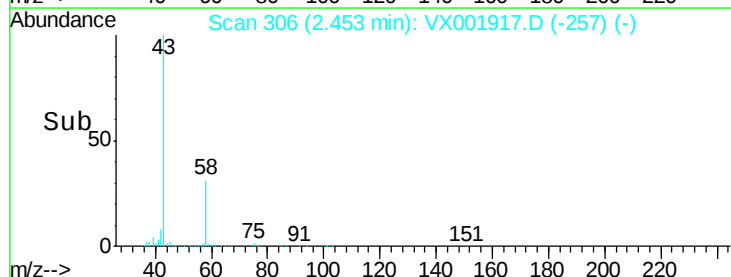
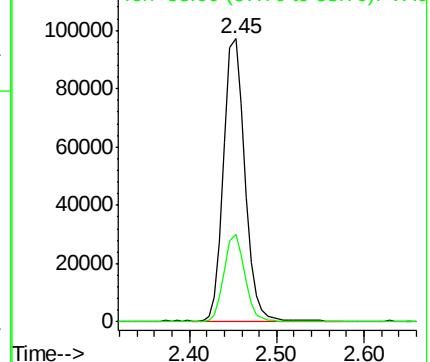
Ion Ratio Lower Upper

43 100

58 30.7 25.3 37.9



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

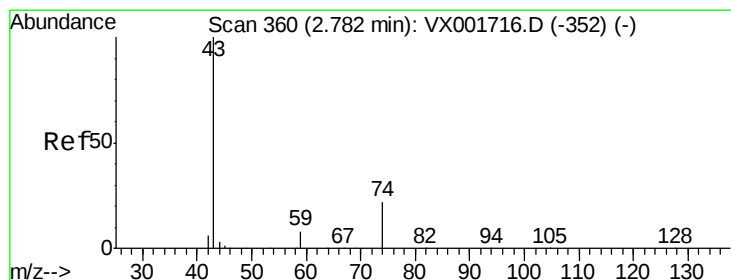
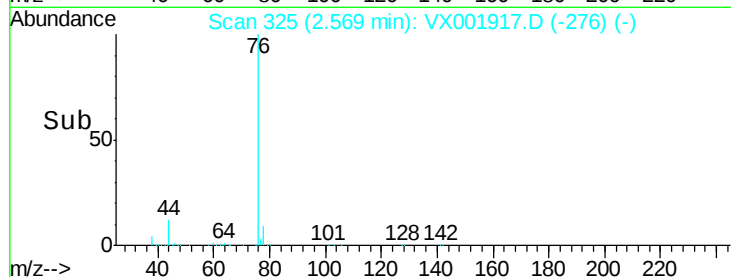
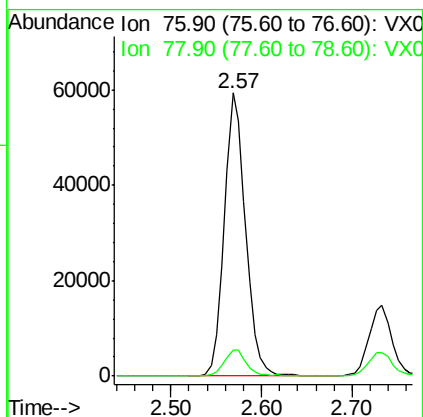
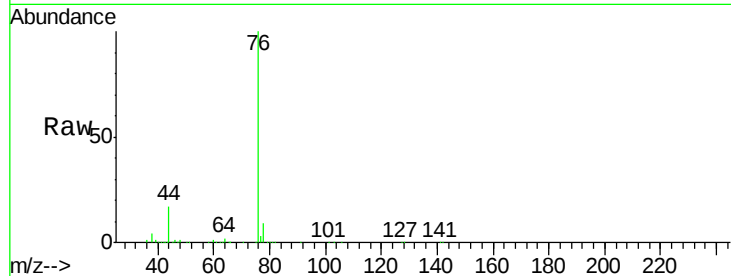




#17
Carbon Disulfide
Concen: 15.26 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

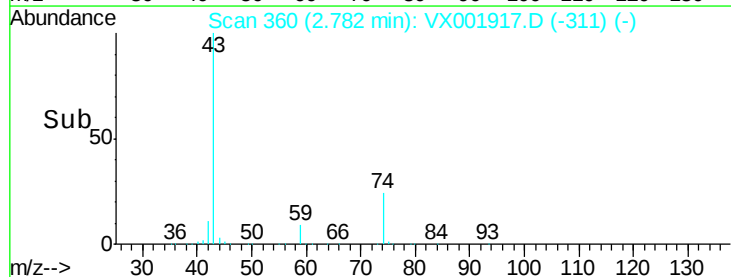
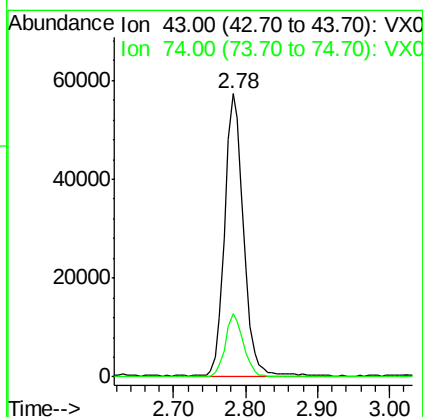
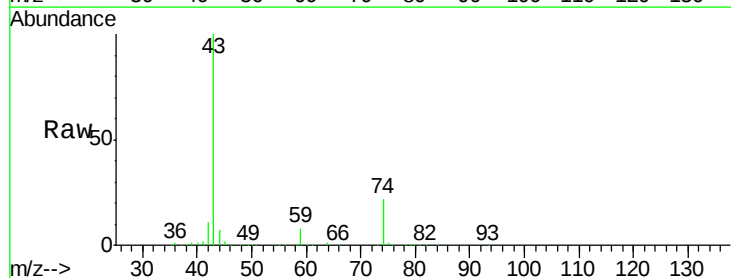
Instrument :
MSVOA_X
ClientSampleId :

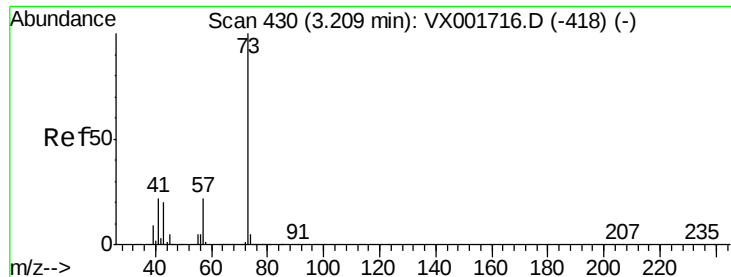
Tot Ion: 76 Resp: 96545
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 27.53 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 43 Resp: 103957
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.2



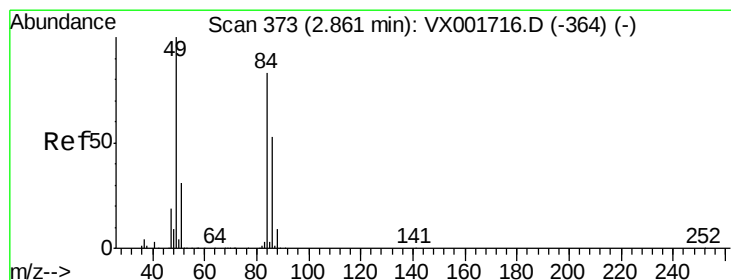
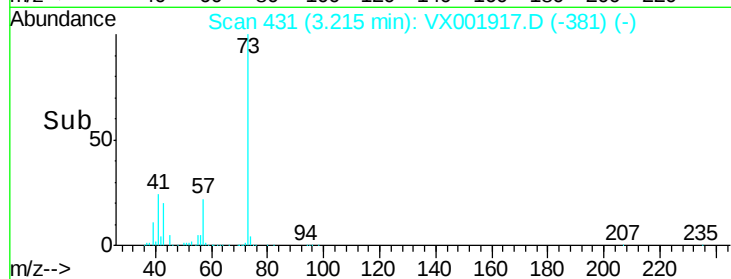
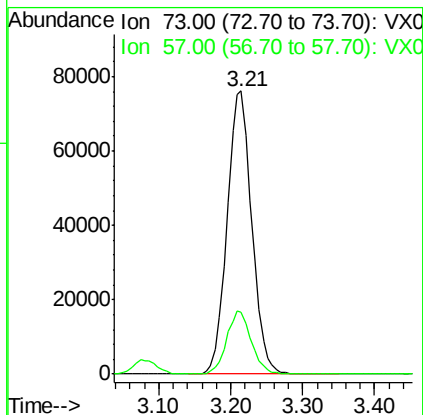
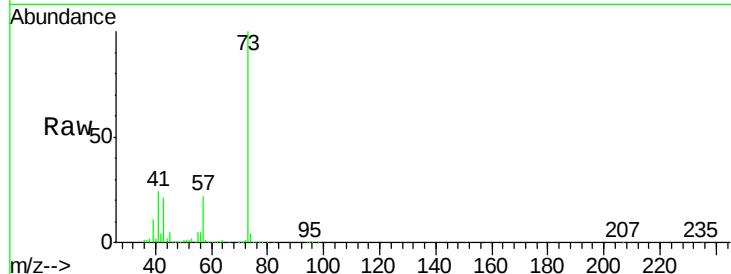


#19

Methvl tert-butvl Ether
 Concen: 22.16 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :

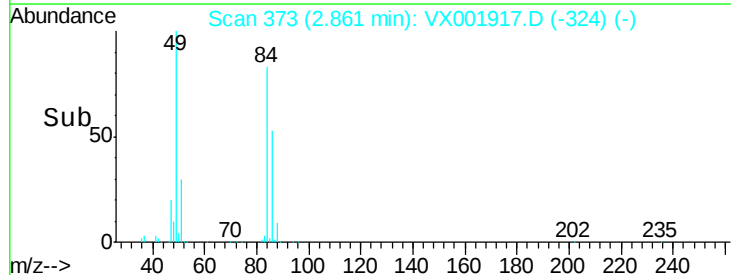
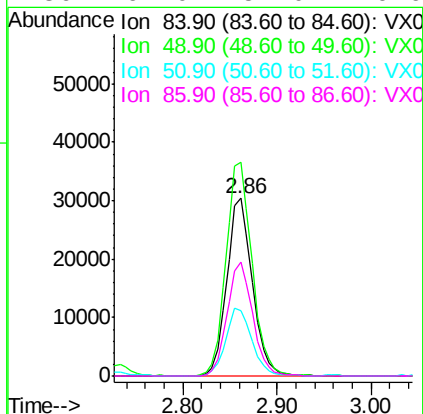
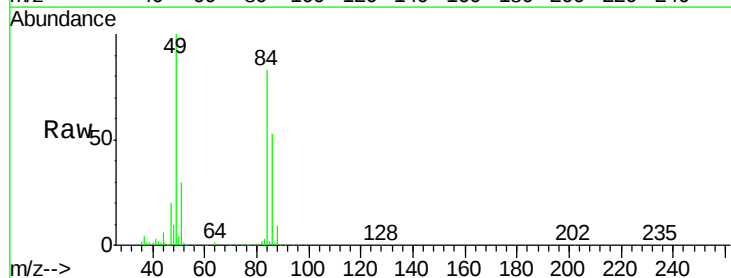
Tot Ion: 73 Resp: 181106
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.5 26.3



#20

Methylene Chloride
 Concen: 20.67 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion: 84 Resp: 57136
 Ion Ratio Lower Upper
 84 100
 49 120.5 96.3 144.5
 51 36.4 29.8 44.6
 86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.04 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

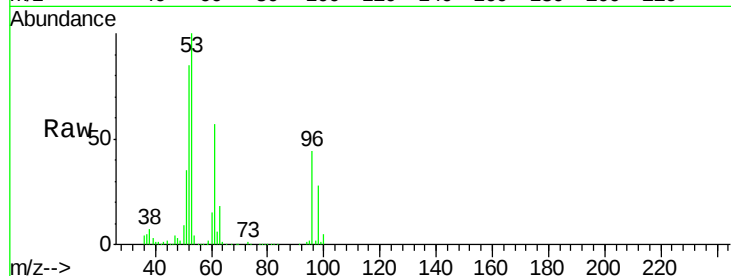
Tot Ion: 96 Resp: 50844

Ion Ratio Lower Upper

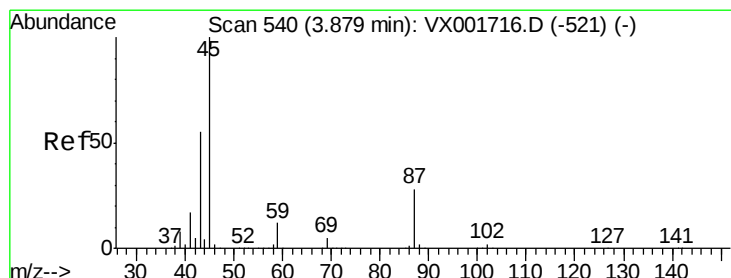
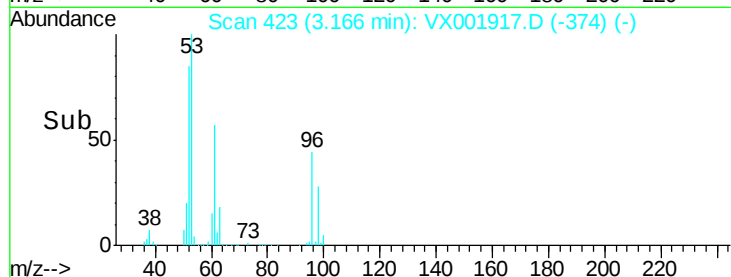
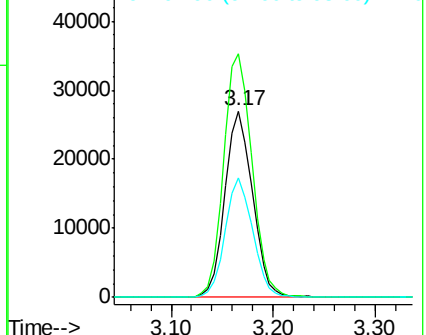
96 100

61 130.9 105.8 158.8

98 64.4 50.2 75.4



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



#22

Diisopropyl ether

Concen: 22.48 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion: 45 Resp: 193304

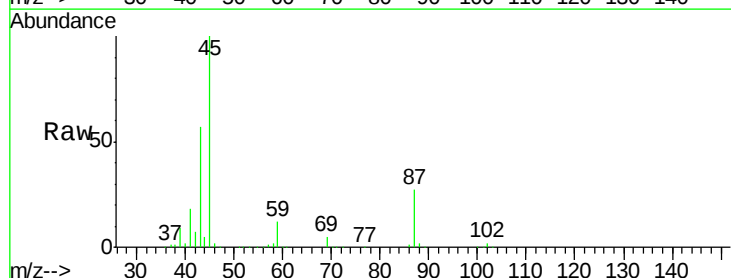
Ion Ratio Lower Upper

45 100

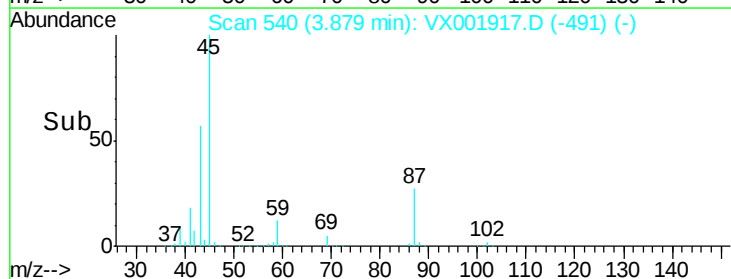
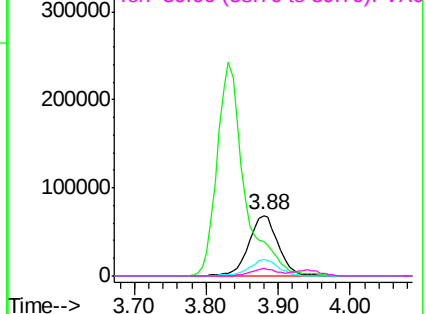
43 56.8 44.3 66.5

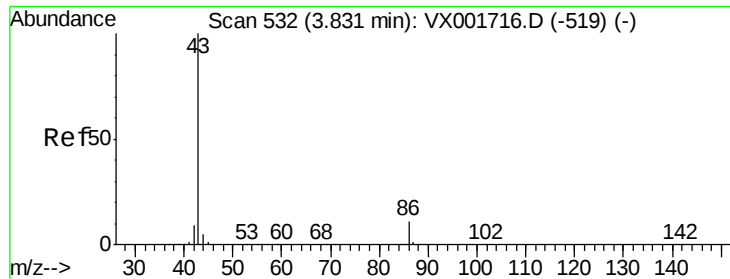
87 26.7 22.6 33.8

59 11.8 9.4 14.0



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: 104.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

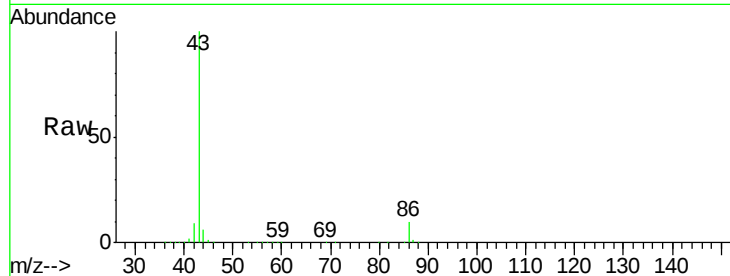
ClientSampled :

Tot Ion: 43 Resp: 644303

Ion Ratio Lower Upper

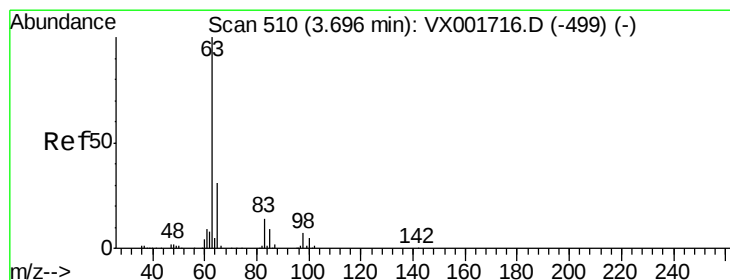
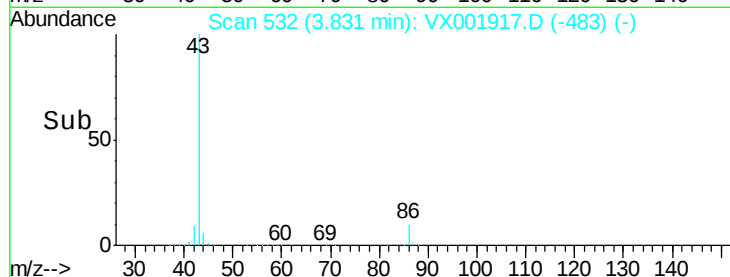
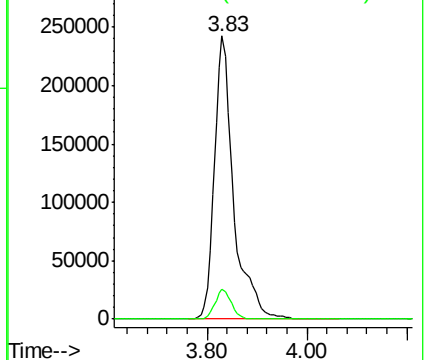
43 100

86 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.40 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

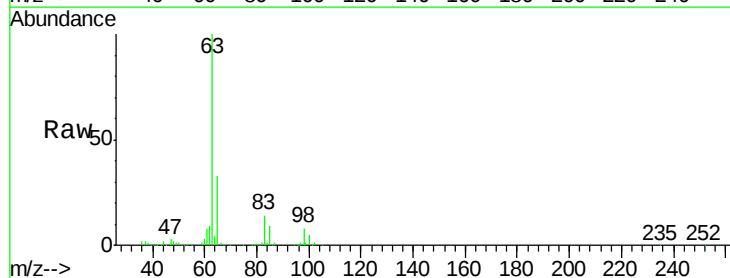
Tgt Ion: 63 Resp: 100883

Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

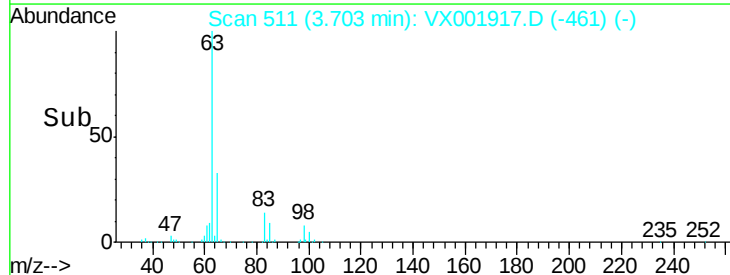
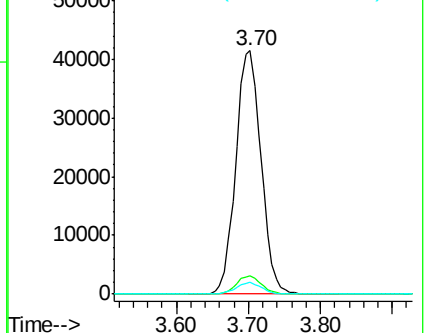
100 5.1 2.4 7.2

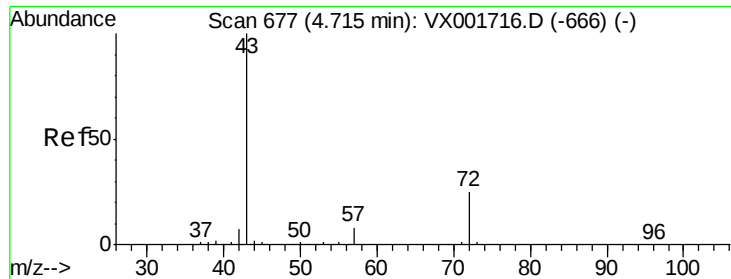


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 131.90 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

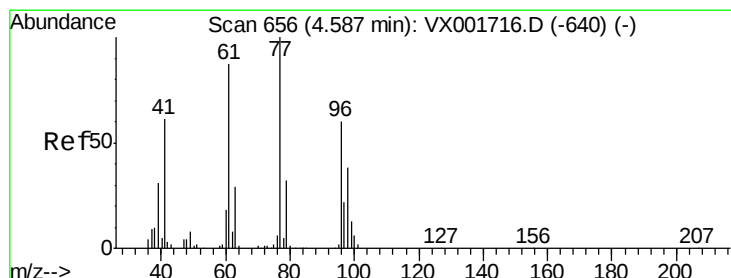
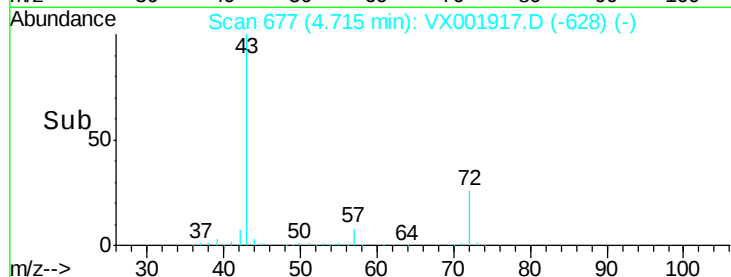
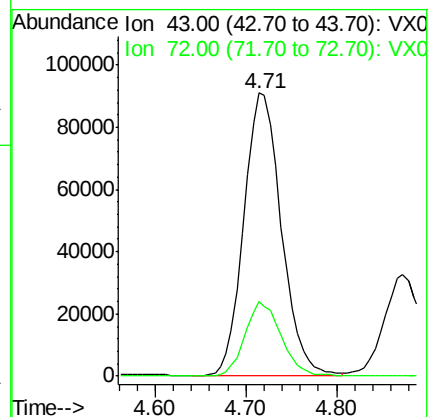
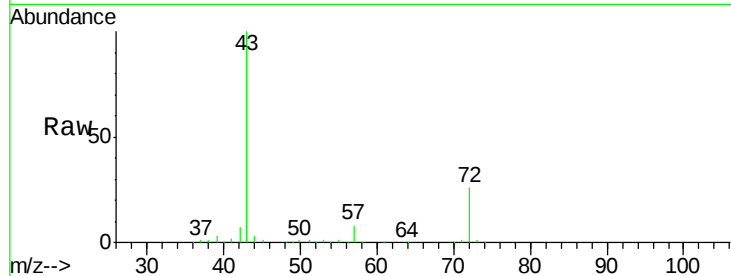
ClientSampled :

Tot Ion: 43 Resp: 260796

Ion Ratio Lower Upper

43 100

72 26.2 19.8 29.6



#26

2,2-Dichloropropane

Concen: 13.35 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001917.D

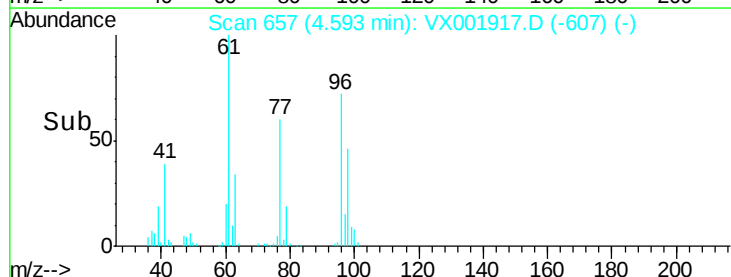
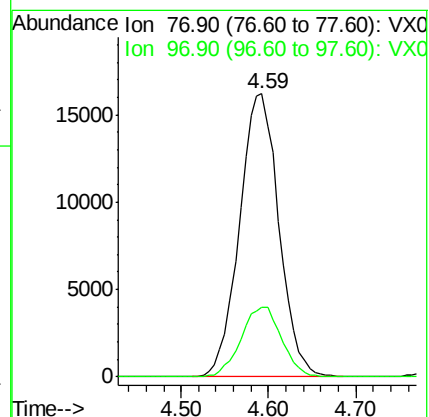
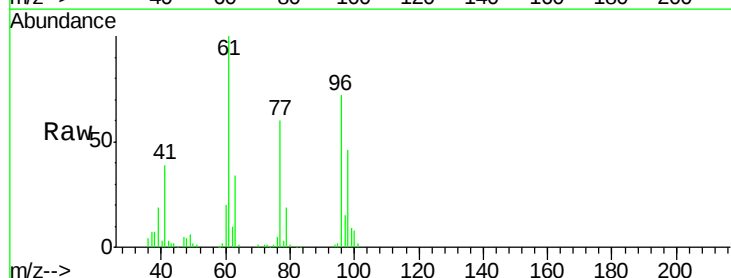
Acq: 23 May 2018 02:19

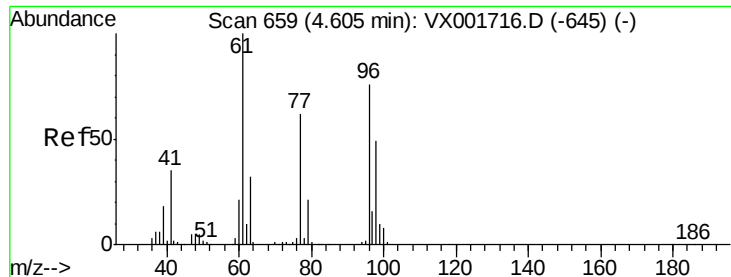
Tgt Ion: 77 Resp: 50657

Ion Ratio Lower Upper

77 100

97 25.4 11.6 34.8



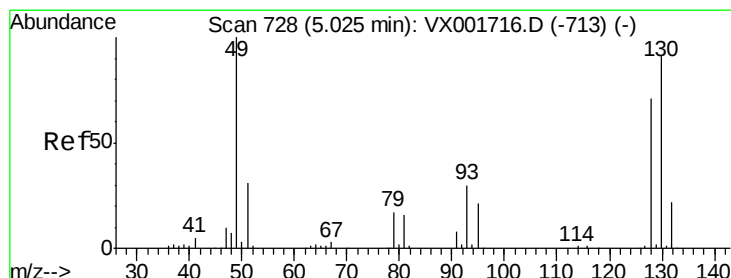
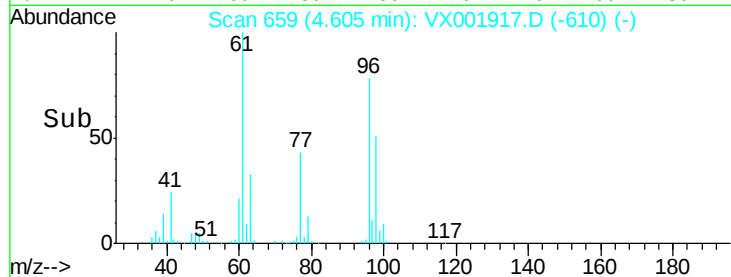
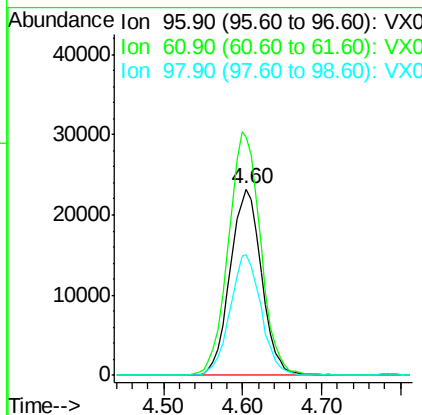
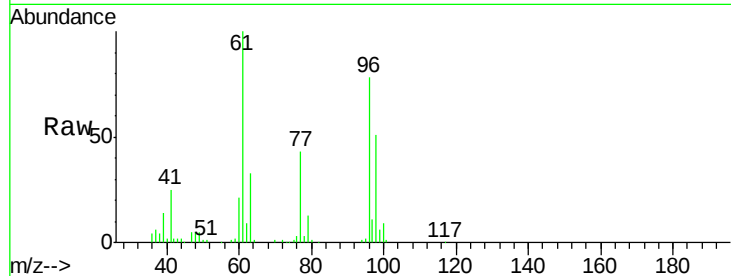


#27

cis-1,2-Dichloroethene
 Concen: 21.10 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :

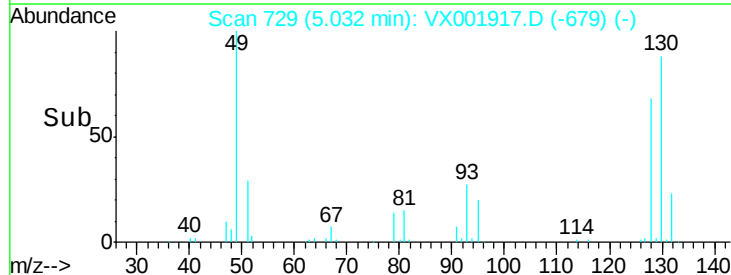
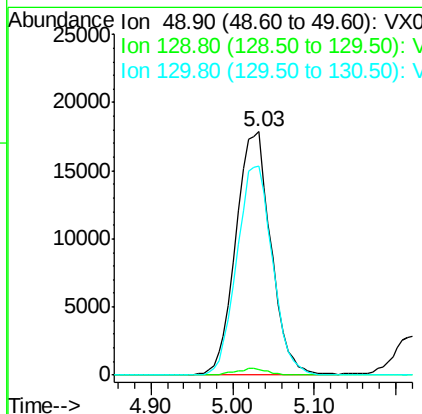
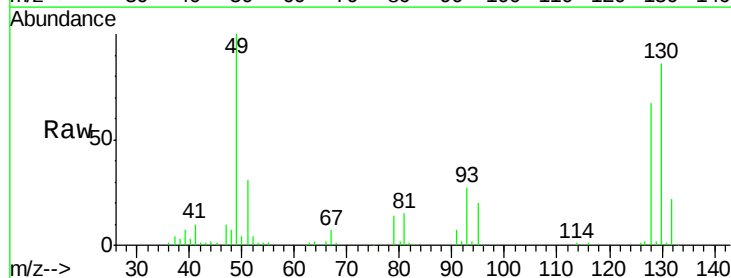
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	280.4
98	64.3	0.0	128.4

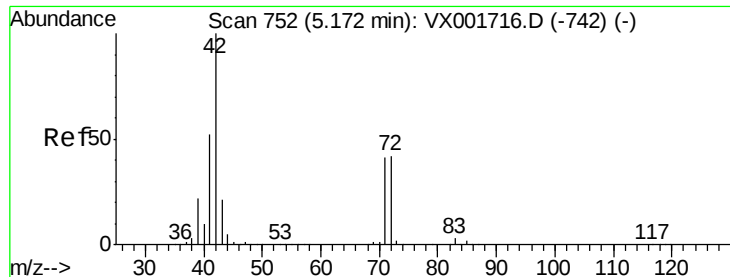


#28

Bromochloromethane
 Concen: 25.52 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	87.1	71.8	107.6

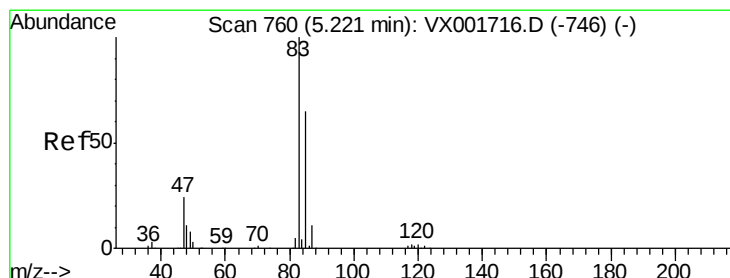
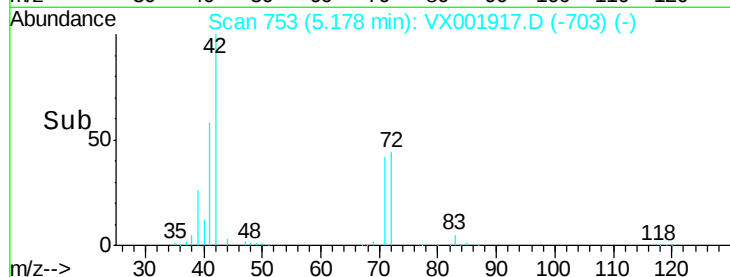
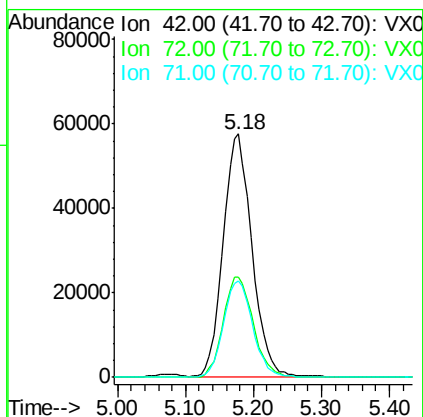
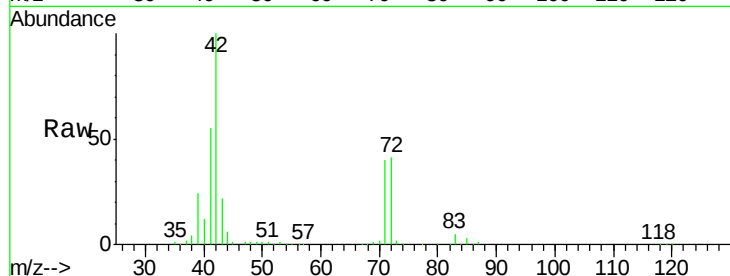




#29
Tetrahydrofuran
Concen: 130.74 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

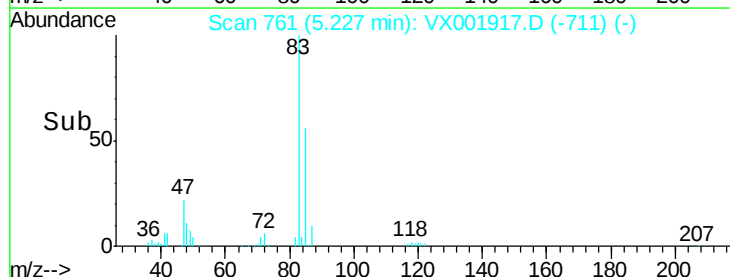
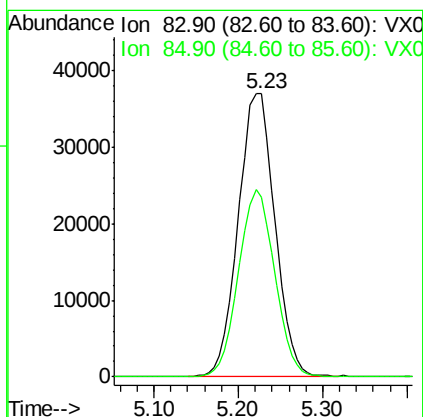
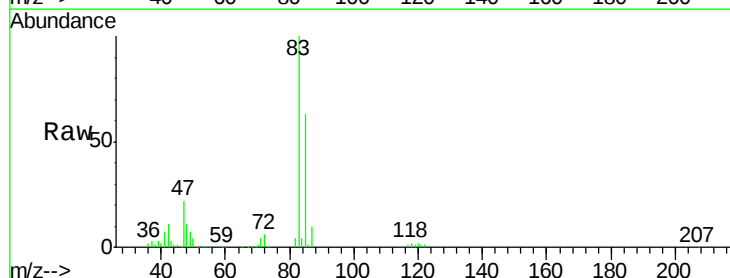
Instrument :
MSVOA_X
ClientSampleId :

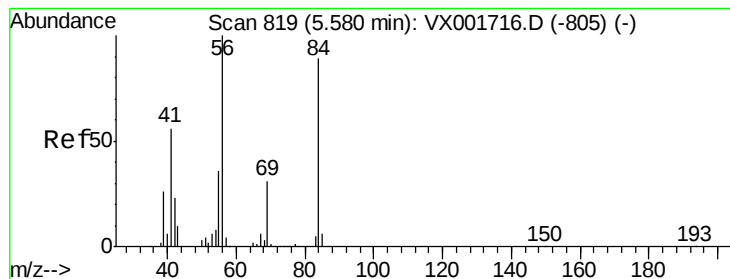
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.4	53.2
71	40.2	33.2	49.8



#30
Chloroform
Concen: 22.12 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.3	78.5





#31

Cyclohexane

Concen: 19.24 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

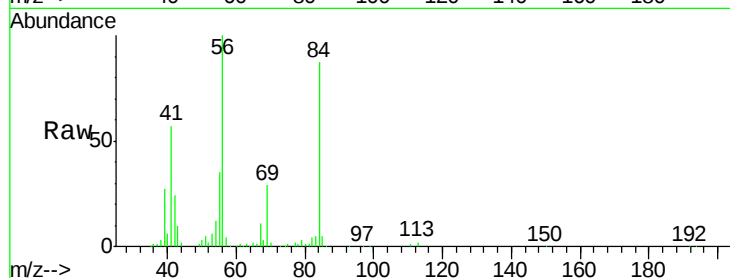
Tot Ion: 56 Resp: 79518

Ion Ratio Lower Upper

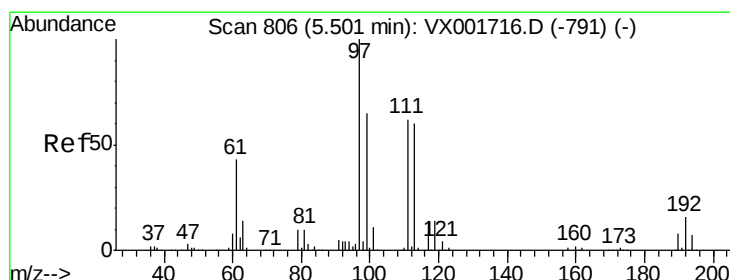
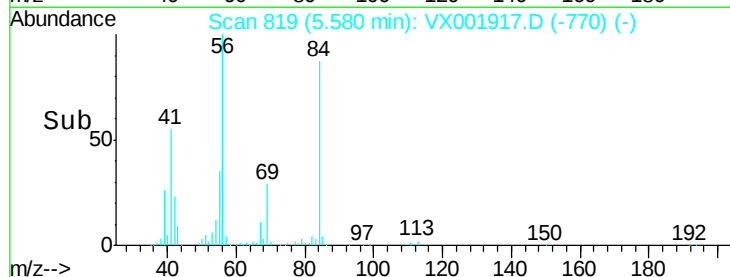
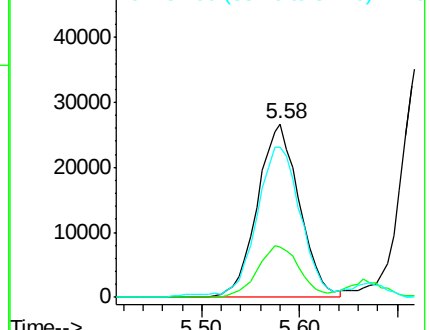
56 100

69 28.7 25.0 37.6

84 84.8 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 21.14 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

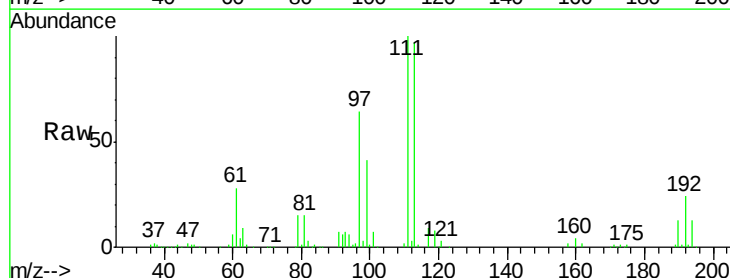
Tgt Ion: 97 Resp: 90461

Ion Ratio Lower Upper

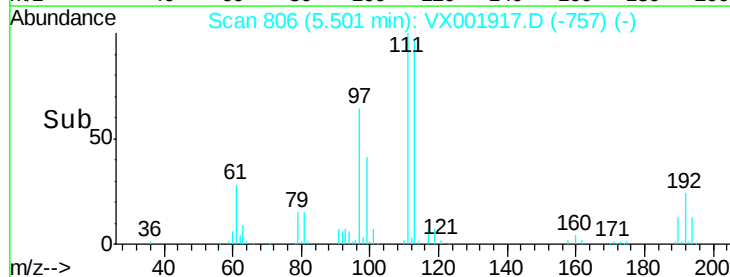
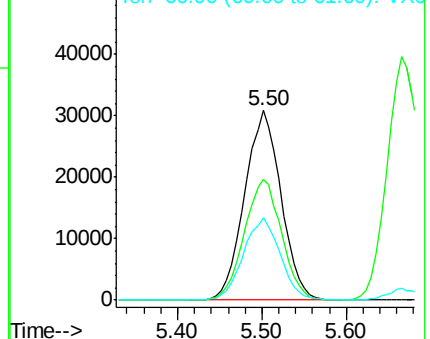
97 100

99 65.0 51.3 76.9

61 44.1 34.0 51.0



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

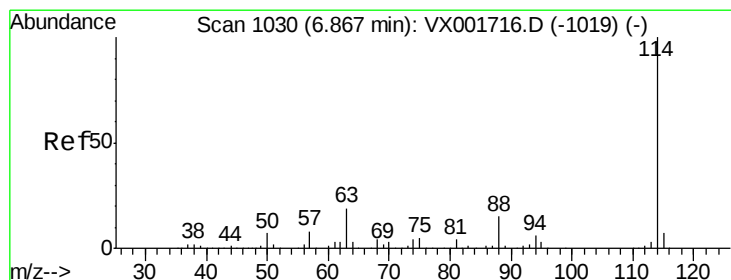
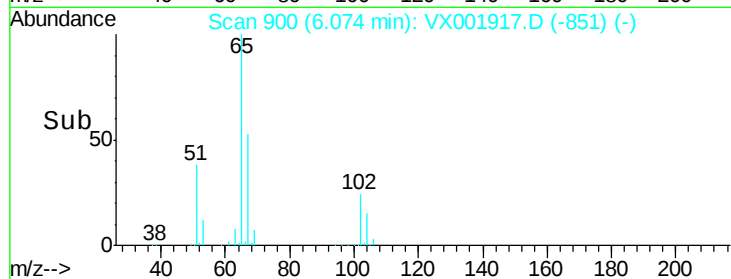
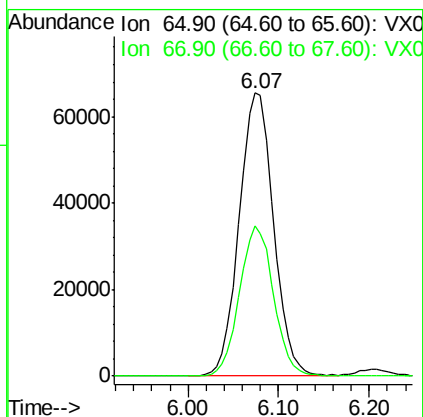
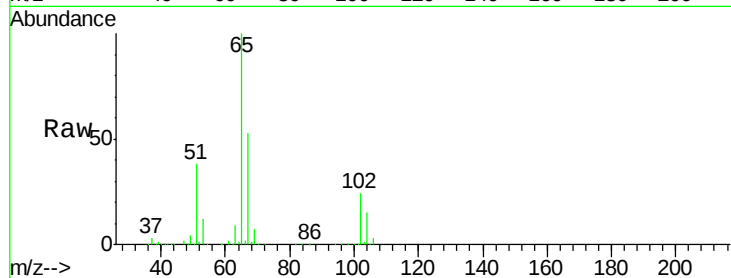




#33
 1,2-Dichloroethane-d4
 Concen: 52.36 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

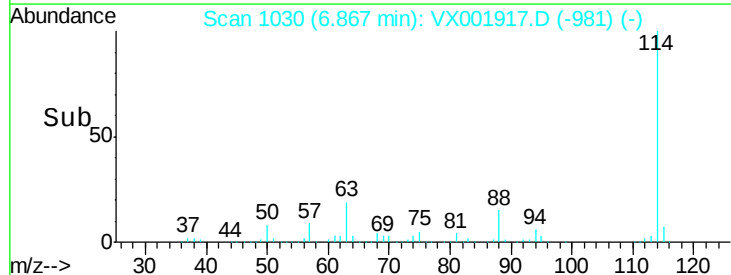
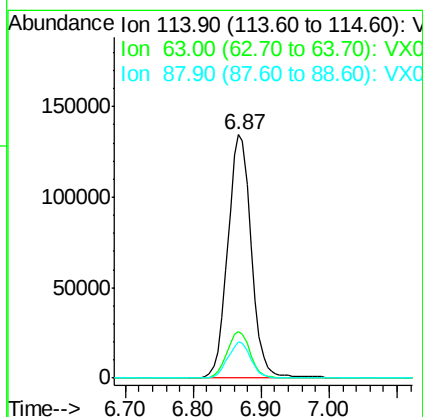
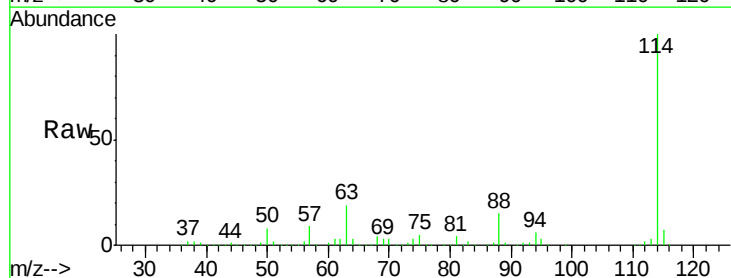
Instrument :
 MSVOA_X
 ClientSampleId :

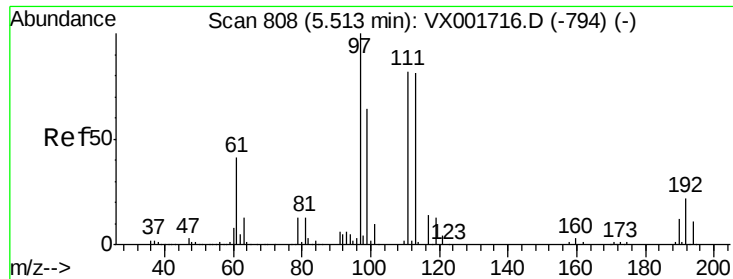
Tot Ion: 65 Resp: 172174
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion: 114 Resp: 323109
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.0
 88 15.1 0.0 29.8

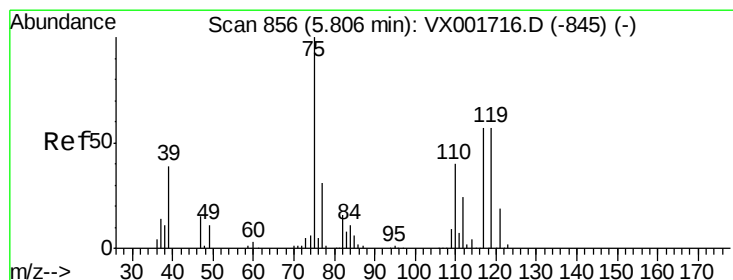
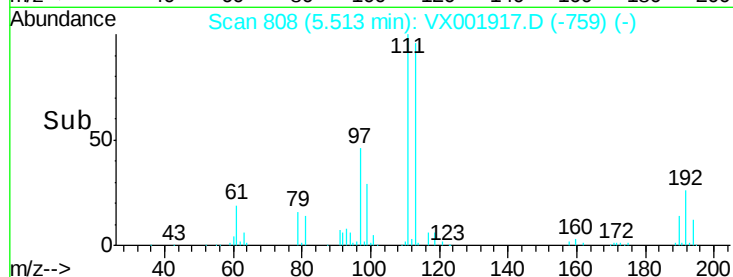
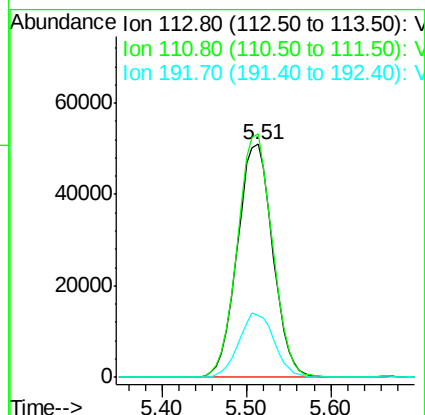
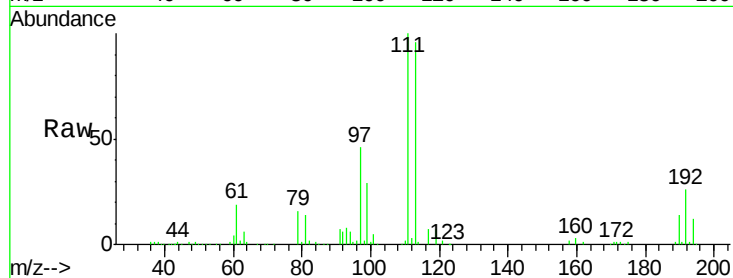




#35
 Dibromofluoromethane
 Concen: 53.12 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

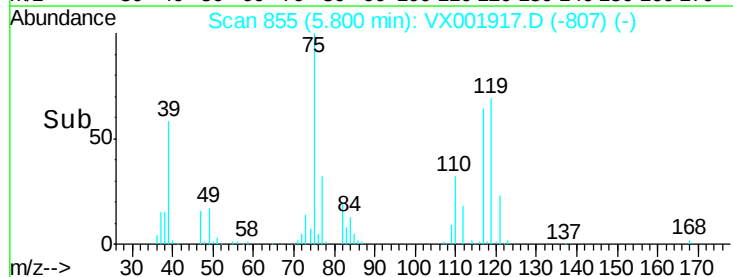
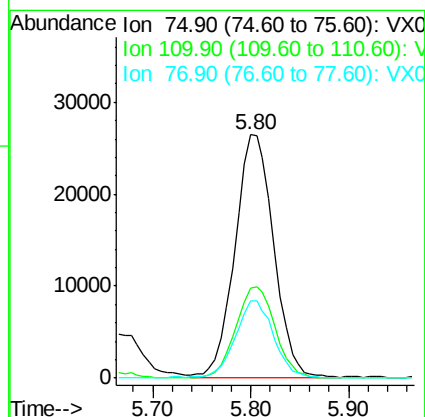
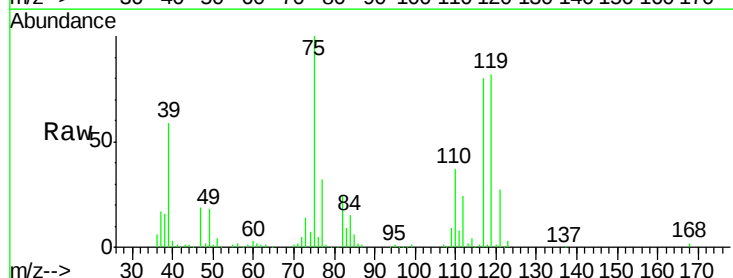
Instrument :
 MSVOA_X
 ClientSampleId :

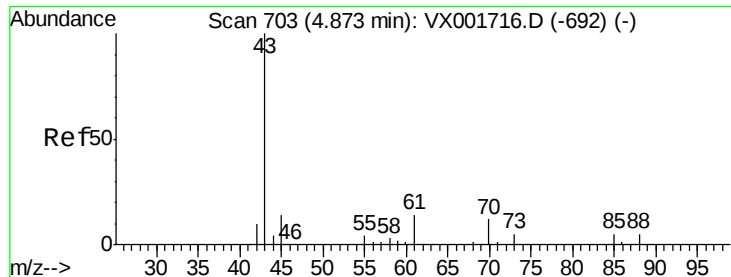
Tot Ion:113 Resp: 144853
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 27.4 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 19.34 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion: 75 Resp: 71945
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.1 57.1
 77 31.9 24.6 37.0

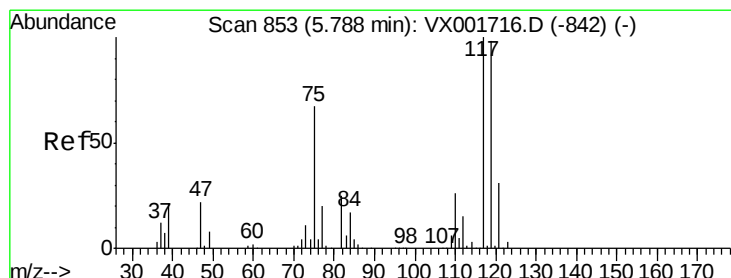
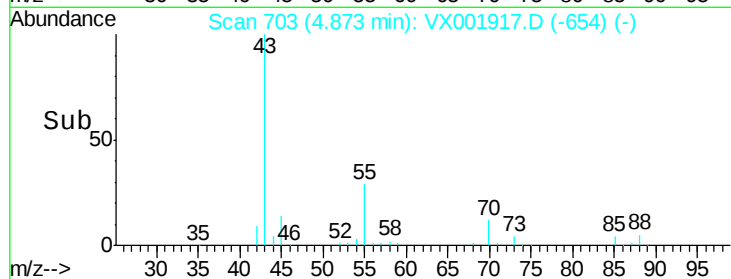
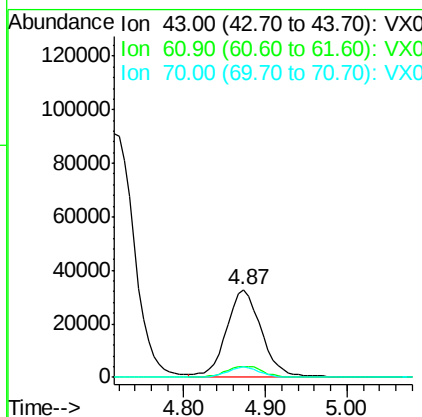
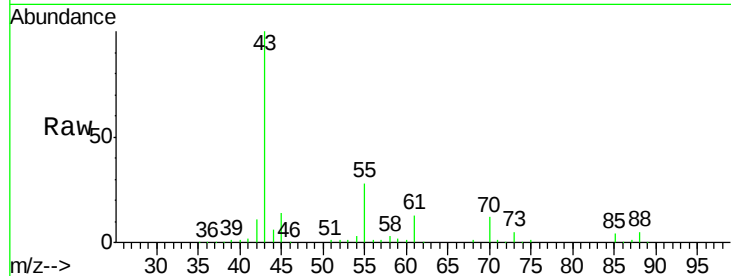




#37
Ethyl Acetate
Concen: 24.74 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

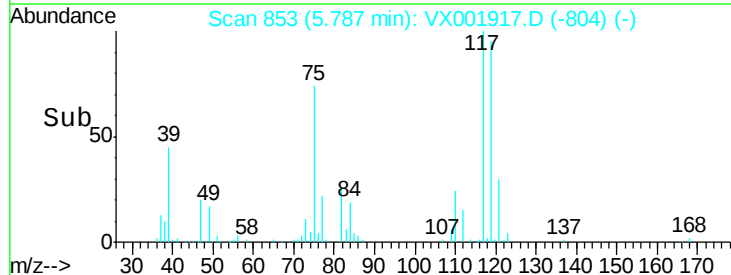
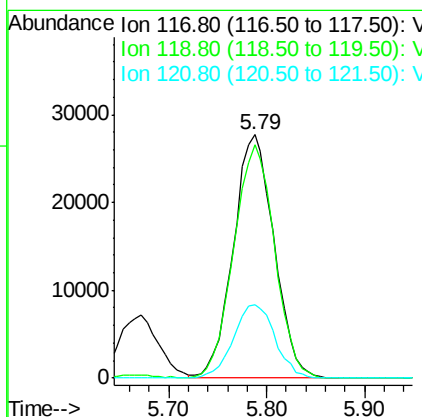
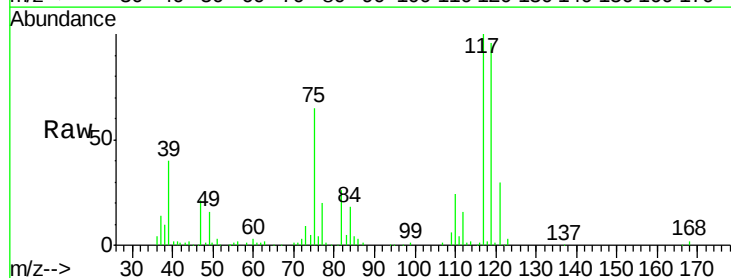
Instrument :
MSVOA_X
ClientSampleId :

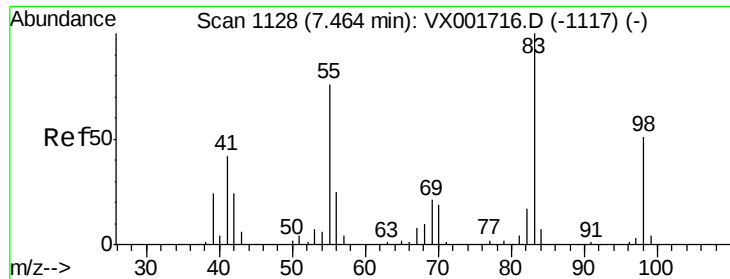
Tot Ion: 43 Resp: 95914
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 10.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.56 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 117 Resp: 80126
Ion Ratio Lower Upper
117 100
119 96.1 77.6 116.4
121 30.2 24.6 36.8

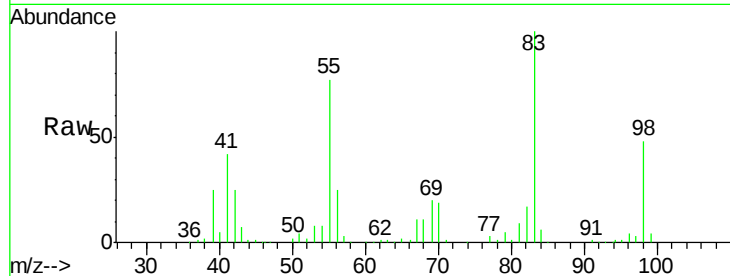




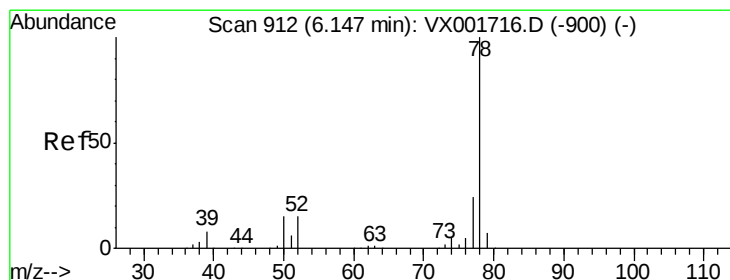
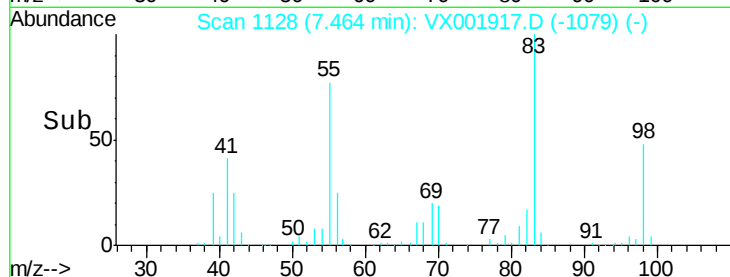
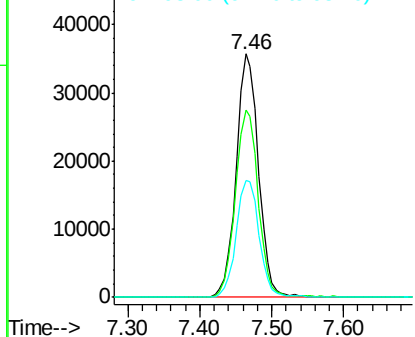
#39
Methvlcvclohexane
Concen: 17.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 76842
Ion Ratio Lower Upper
83 100
55 76.7 60.6 90.8
98 47.9 40.4 60.6

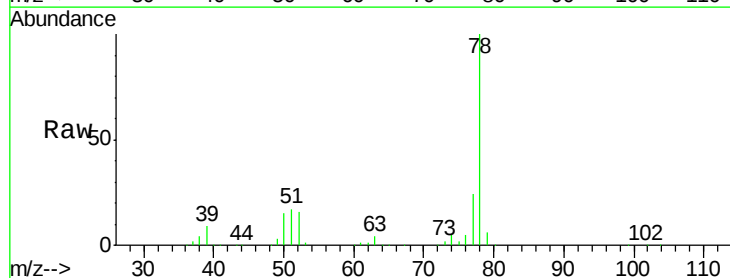


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

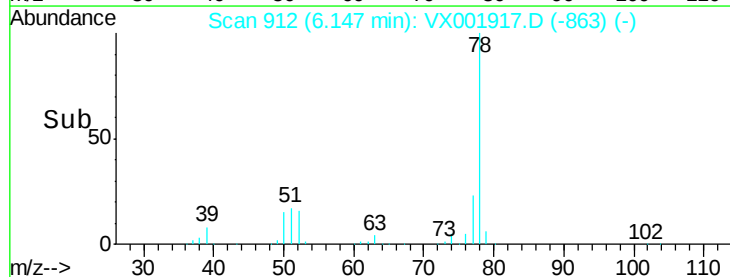
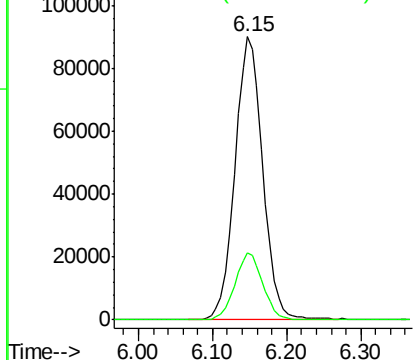


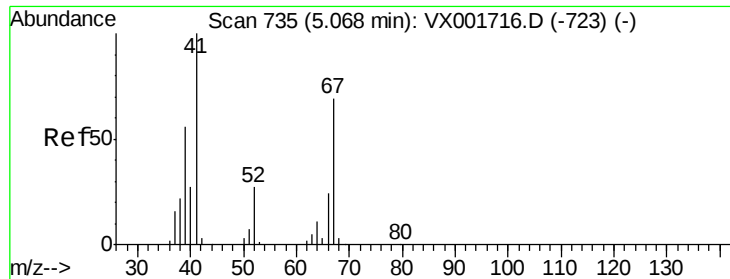
#40
Benzene
Concen: 21.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 78 Resp: 234913
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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





#41

Methacrylonitrile

Concen: 24.44 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 54783

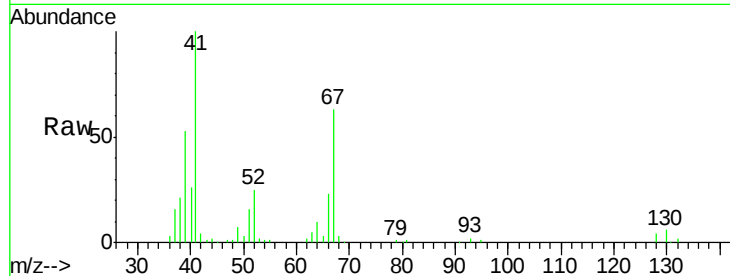
Ion Ratio Lower Upper

41 100

39 53.5 44.2 66.4

67 68.0 56.0 84.0

52 28.7 22.6 33.8

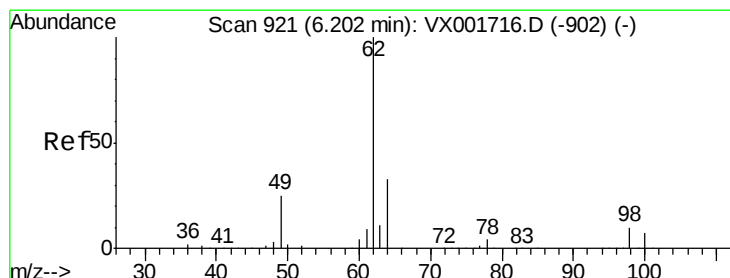
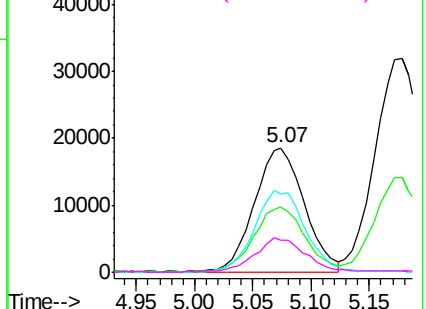
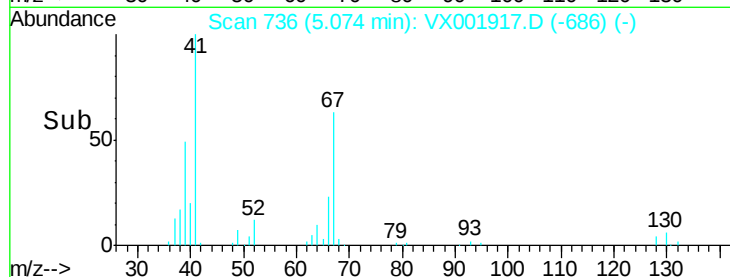


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 22.49 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001917.D

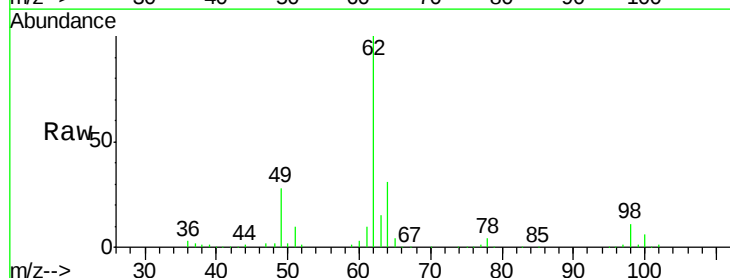
Acq: 23 May 2018 02:19

Tgt Ion: 62 Resp: 89149

Ion Ratio Lower Upper

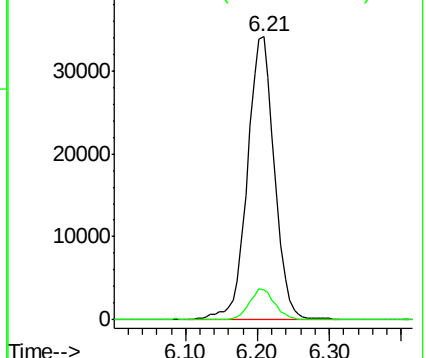
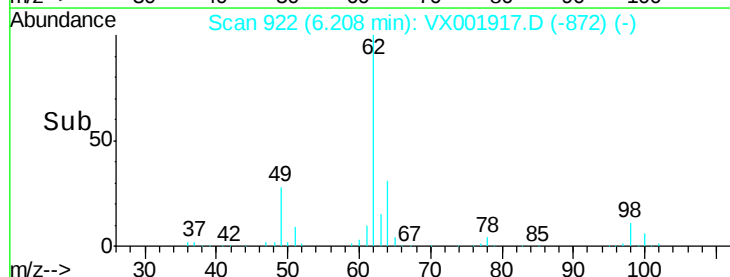
62 100

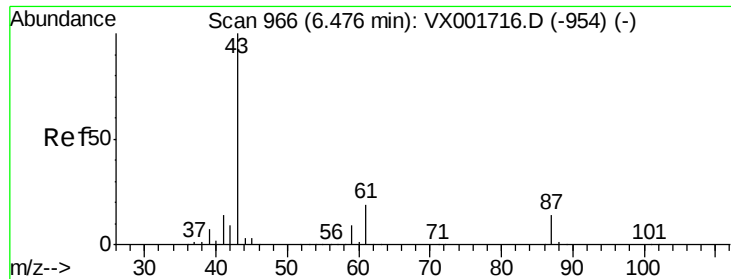
98 10.3 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



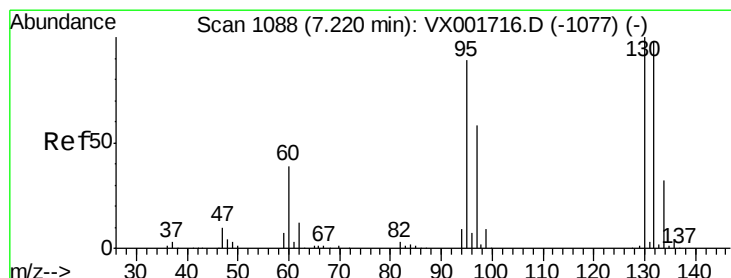
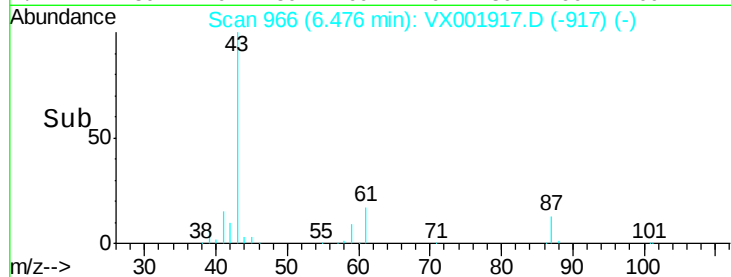
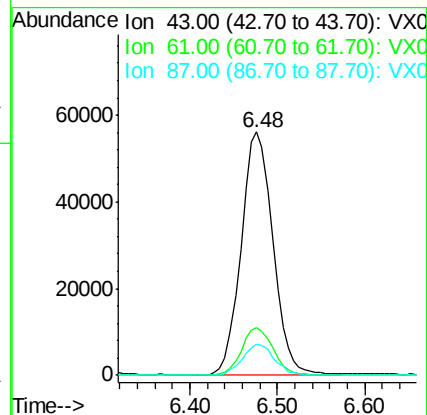
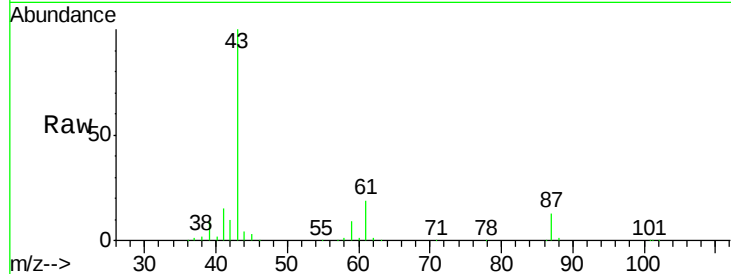


#43

Isopropyl Acetate
 Concen: 23.36 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :

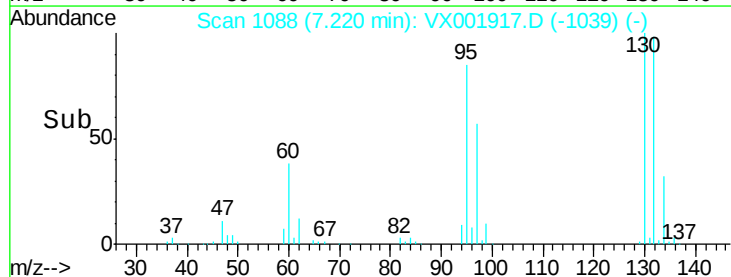
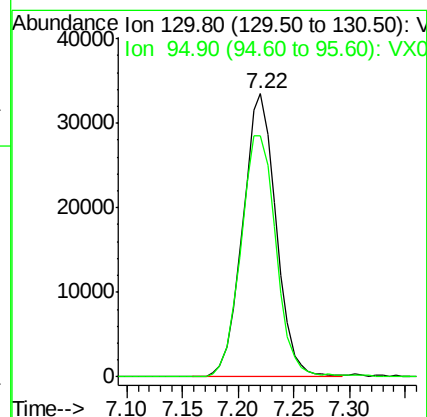
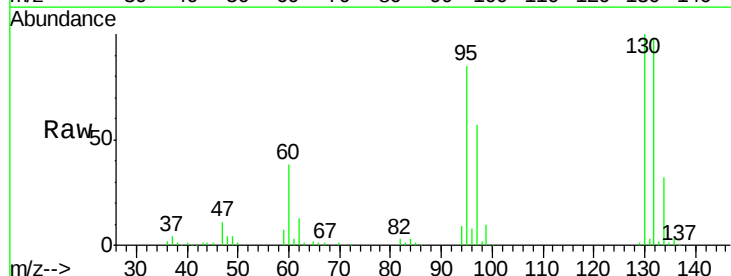
Tot Ion	43	Resp	141704
Ion Ratio	Lower	Upper	
43	100		
61	19.6	15.8	23.8
87	13.0	11.0	16.4

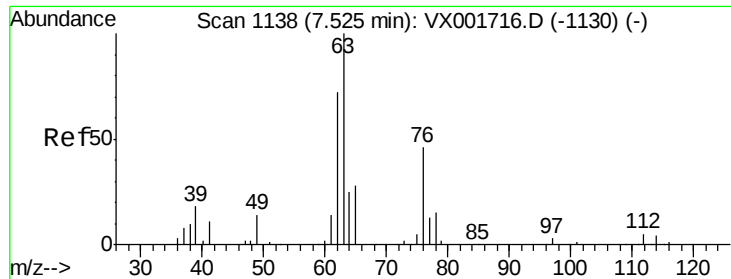


#44

Trichloroethene
 Concen: 20.49 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion	130	Resp	69678
Ion Ratio	Lower	Upper	
130	100		
95	85.0	0.0	177.2

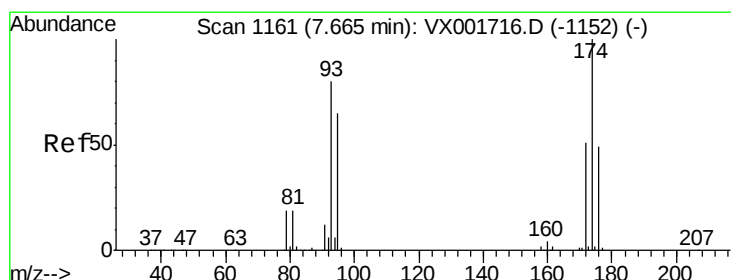
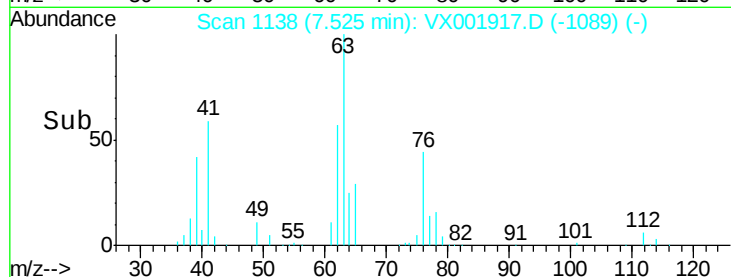
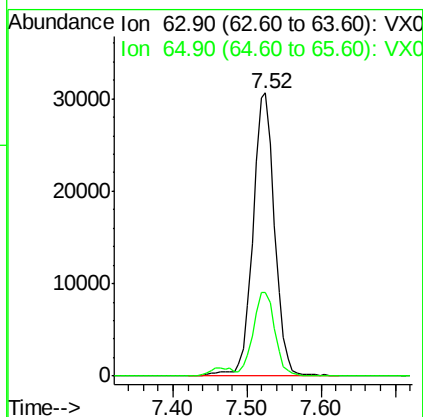
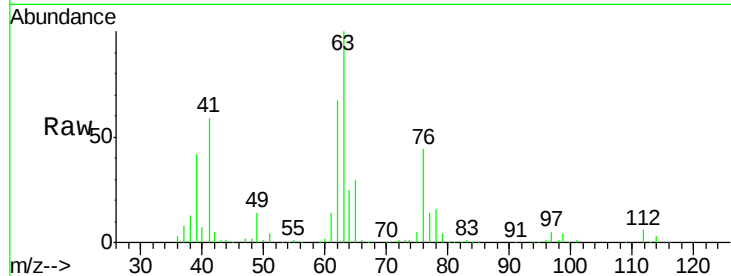




#45
 1,2-Dichloropropane
 Concen: 23.40 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

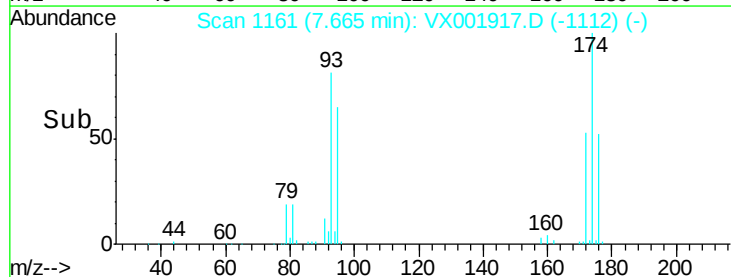
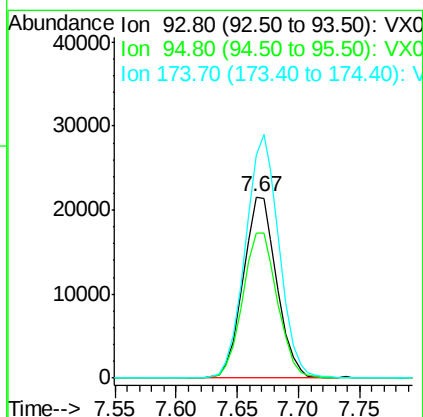
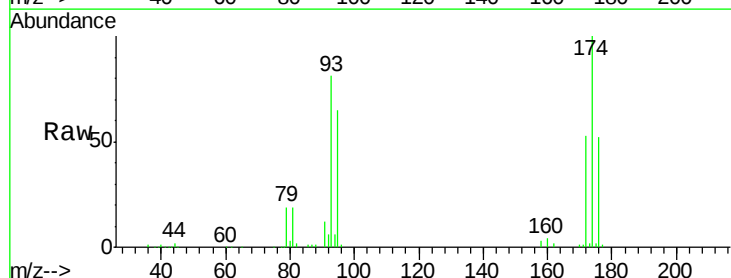
Instrument :
 MSVOA_X
 ClientSampleId :

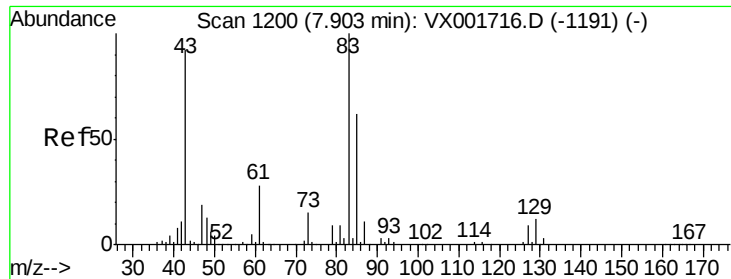
Tot Ion: 63 Resp: 62915
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.2 36.2



#46
 Dibromomethane
 Concen: 21.82 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion: 93 Resp: 41199
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 134.3 106.2 159.2





#47

Bromodichloromethane

Concen: 22.42 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampled :

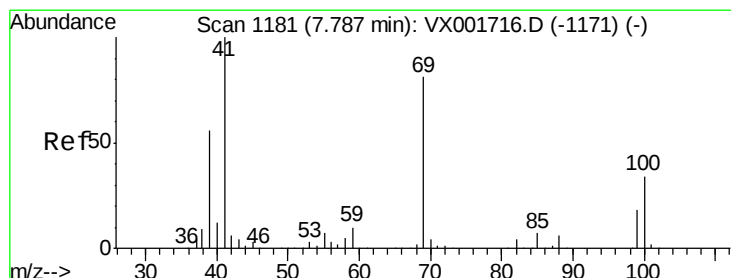
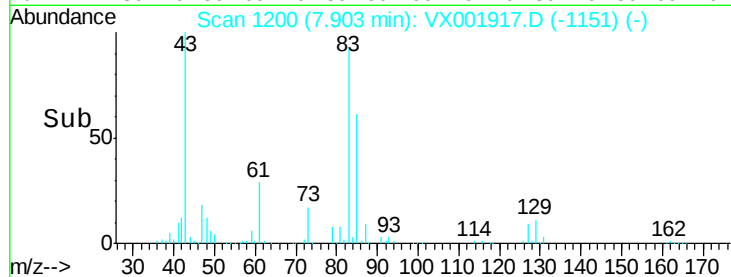
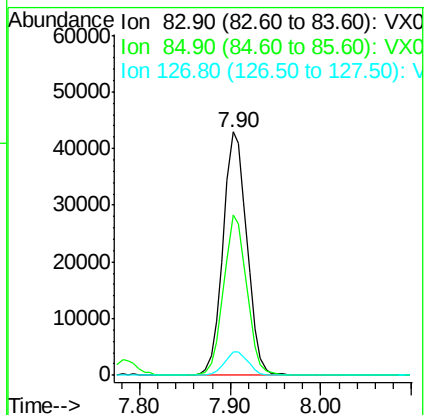
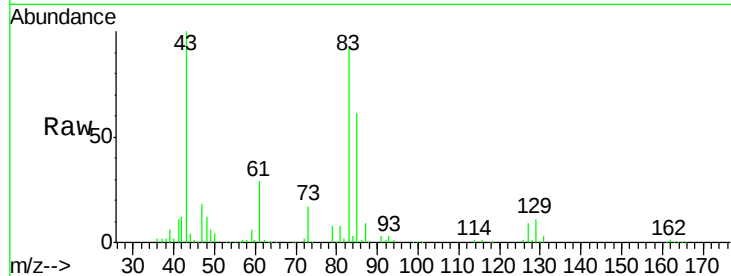
Tot Ion: 83 Resp: 78559

Ion Ratio Lower Upper

83 100

85 66.0 49.6 74.4

127 9.6 7.5 11.3



#48

Methyl methacrylate

Concen: 24.13 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

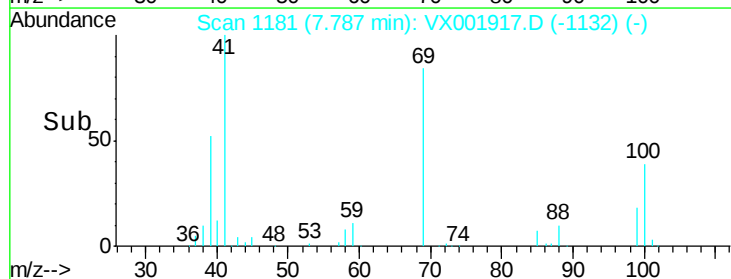
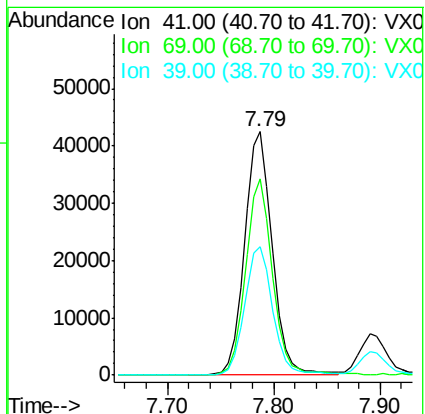
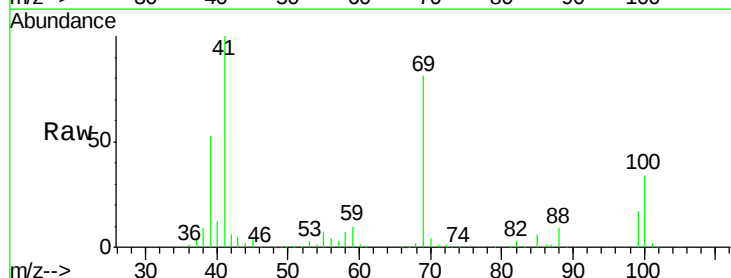
Tgt Ion: 41 Resp: 77065

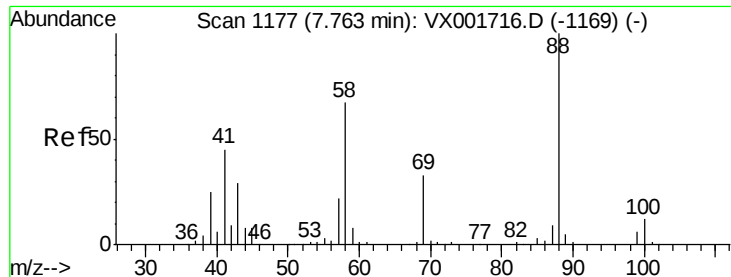
Ion Ratio Lower Upper

41 100

69 79.1 65.2 97.8

39 54.0 44.5 66.7

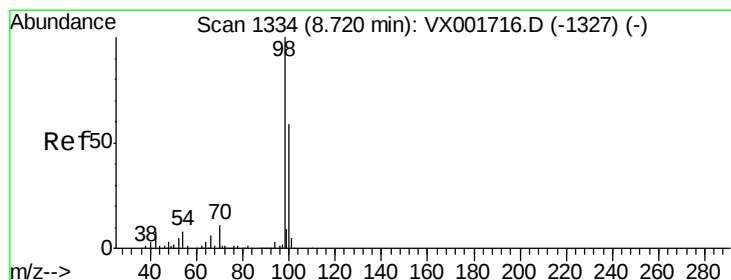
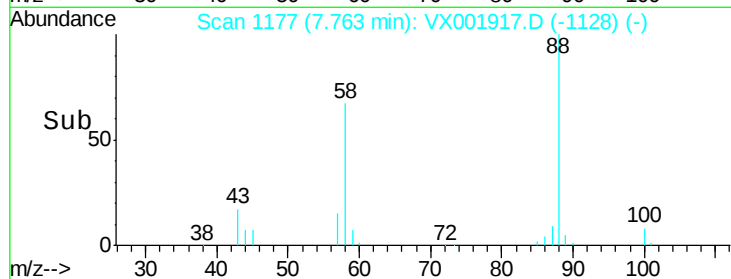
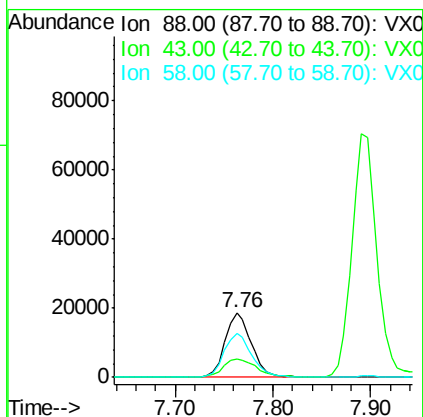
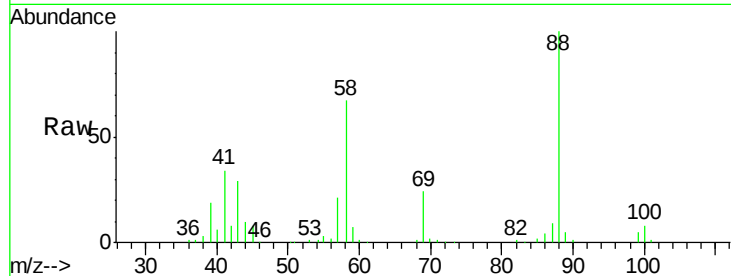




#49
1,4-Dioxane
Concen: 568.32 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

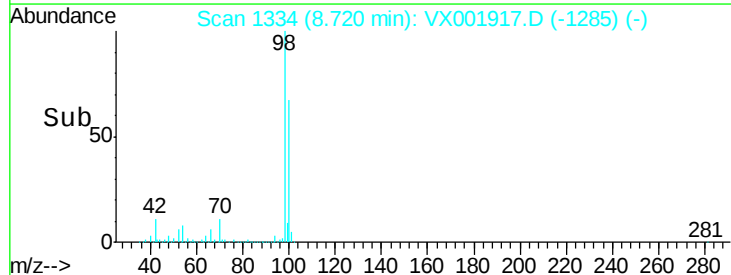
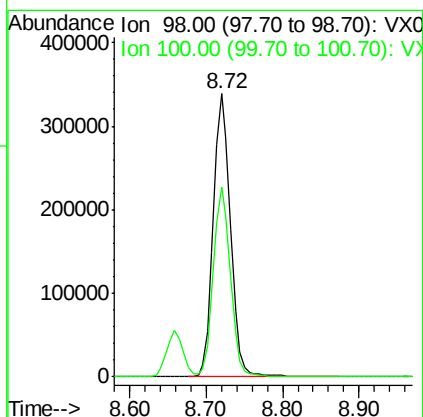
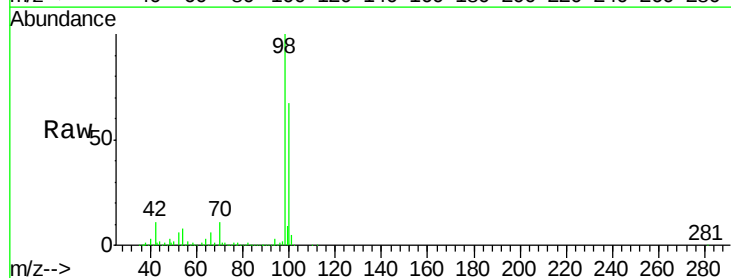
Instrument :
MSVOA_X
ClientSampled :

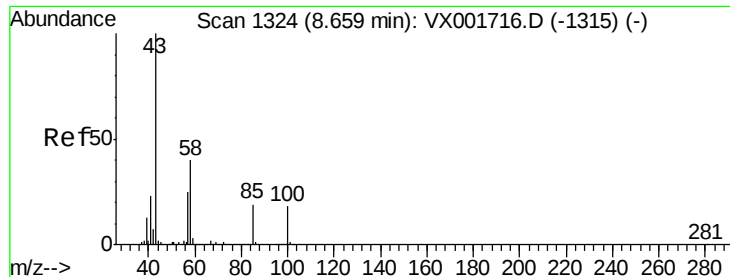
Tot Ion: 88 Resp: 34943
Ion Ratio Lower Upper
88 100
43 33.4 27.3 40.9
58 71.5 55.9 83.9



#50
Toluene-d8
Concen: 54.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 98 Resp: 528595
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0

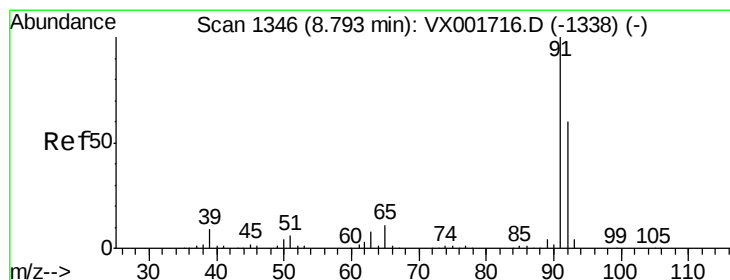
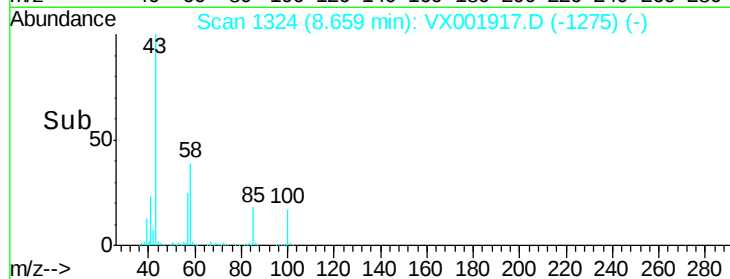
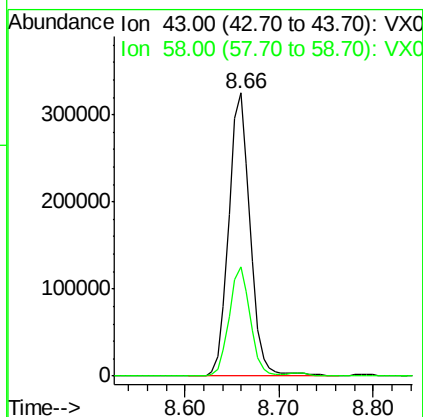
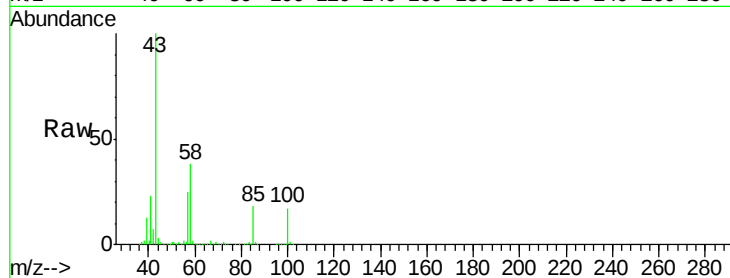




#51
 4-Methyl-2-Pentanone
 Concen: 133.52 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

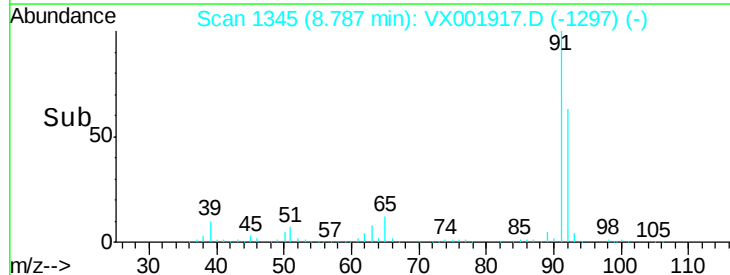
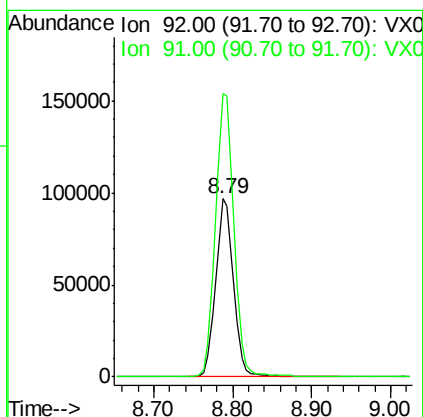
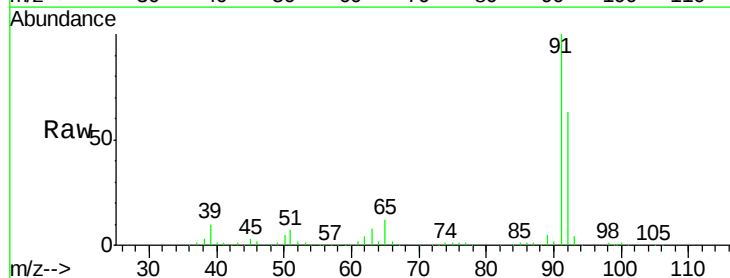
Instrument :
 MSVOA_X
 ClientSampleId :

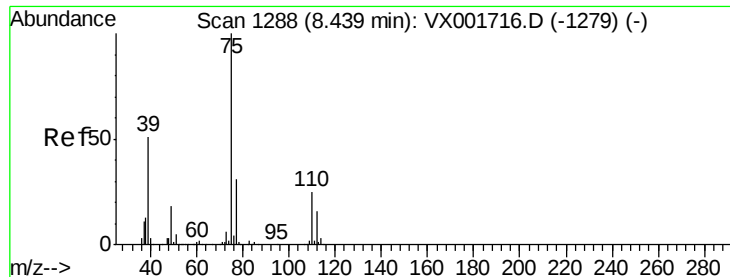
Tot Ion: 43 Resp: 513345
 Ion Ratio Lower Upper
 43 100
 58 37.7 31.4 47.0



#52
 Toluene
 Concen: 21.62 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion: 92 Resp: 152276
 Ion Ratio Lower Upper
 92 100
 91 165.3 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 20.51 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

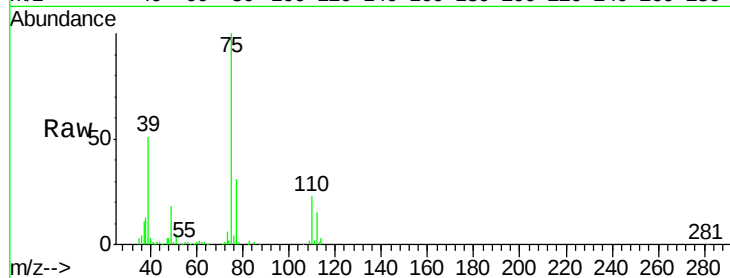
ClientSampleId :

Tot Ion: 75 Resp: 84557

Ion Ratio Lower Upper

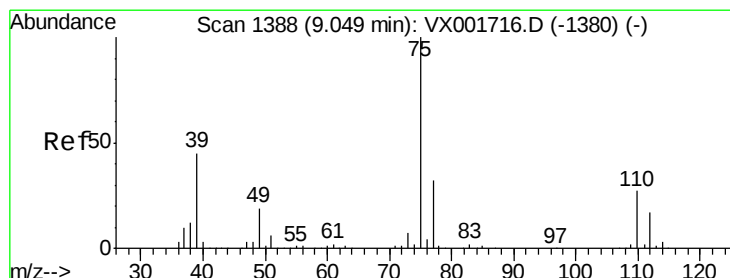
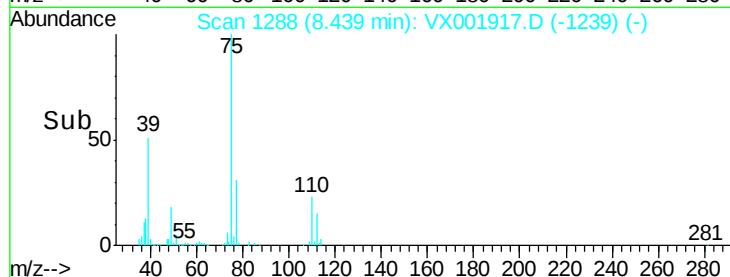
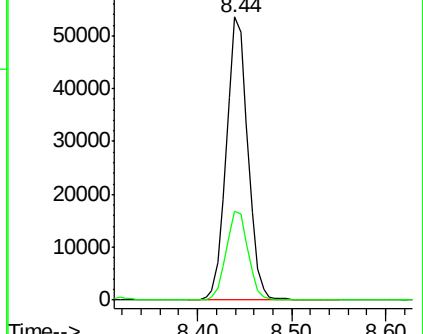
75 100

77 31.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.71 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

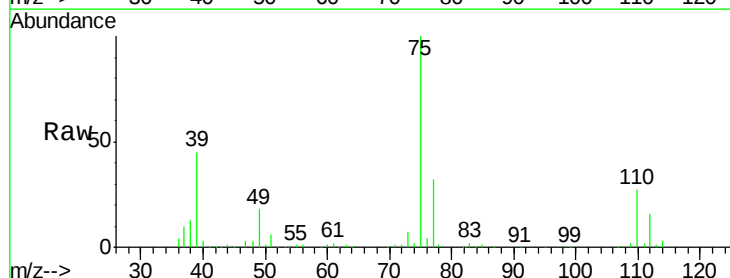
Tgt Ion: 75 Resp: 75260

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

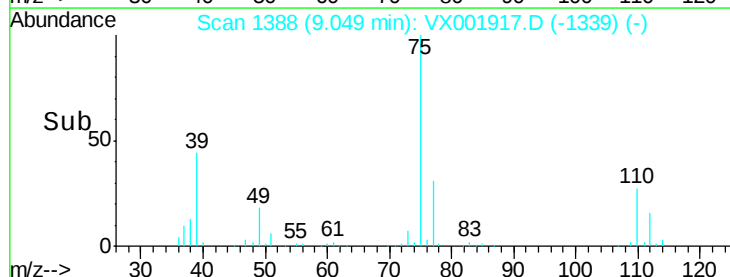
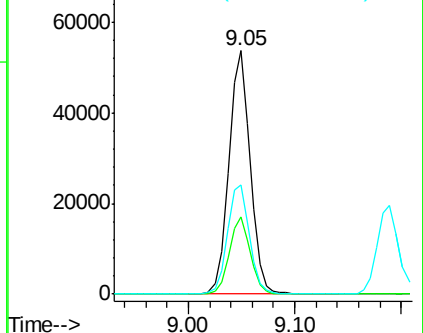
39 44.8 36.1 54.1

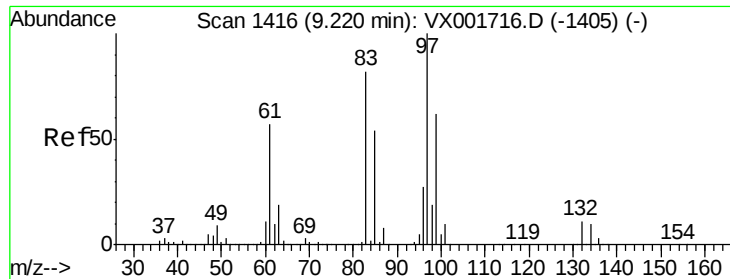


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

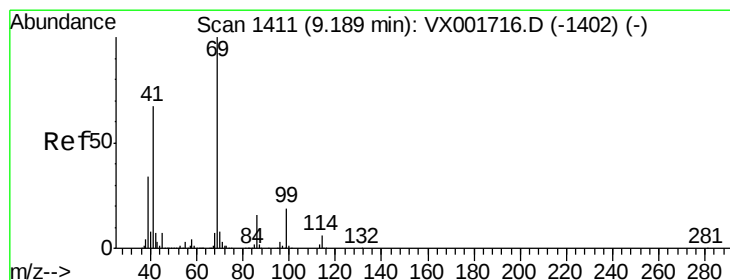
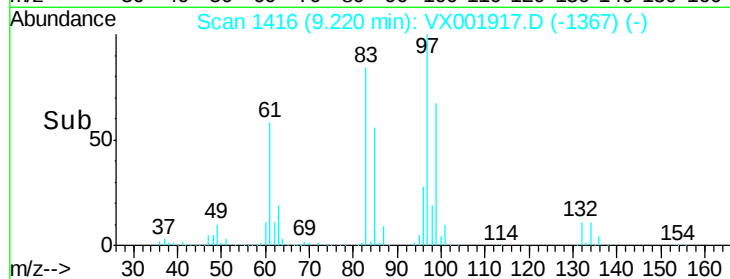
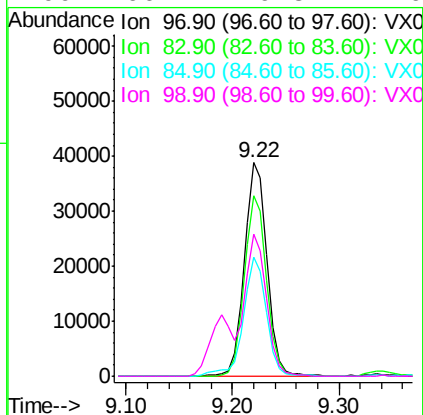
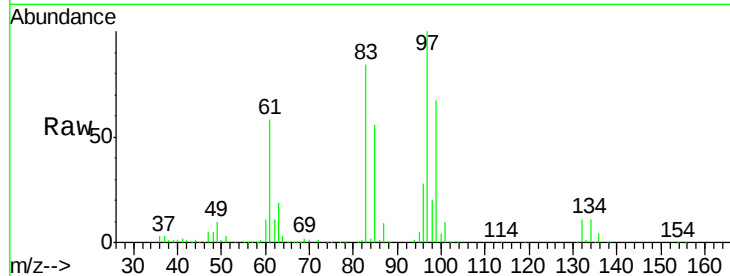




#55
 1,1,2-Trichloroethane
 Concen: 21.53 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

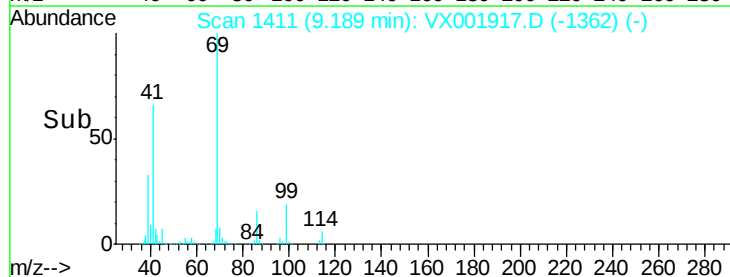
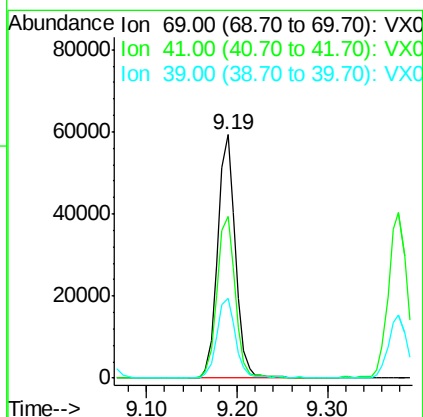
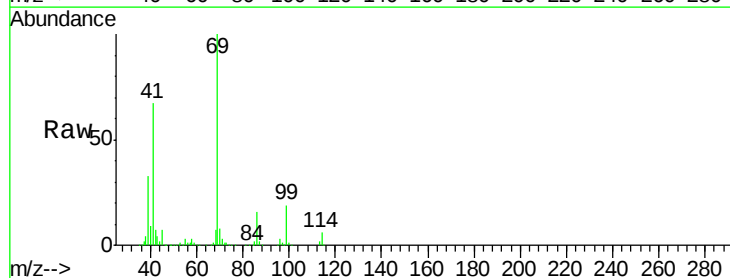
Instrument :
 MSVOA_X
 ClientSampled :

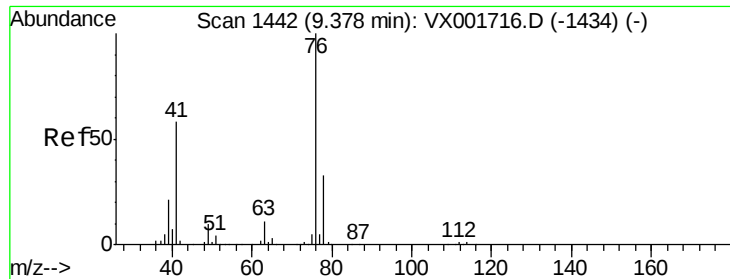
Tot Ion:	97	Resp:	57953
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.8
85	55.8	43.4	65.0
99	66.7	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 21.36 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion:	69	Resp:	81552
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.5	80.3
39	33.8	27.2	40.8





#57

1,3-Dichloropropane

Concen: 21.18 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

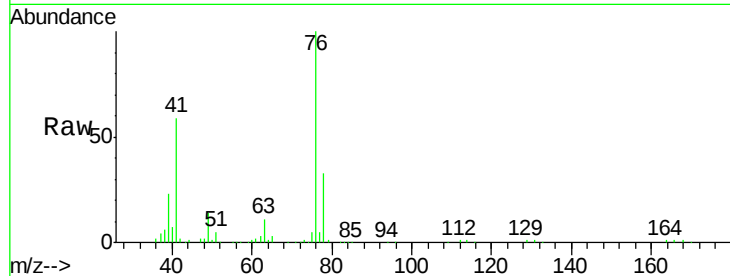
ClientSampleId :

Tot Ion: 76 Resp: 95448

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

80000

60000

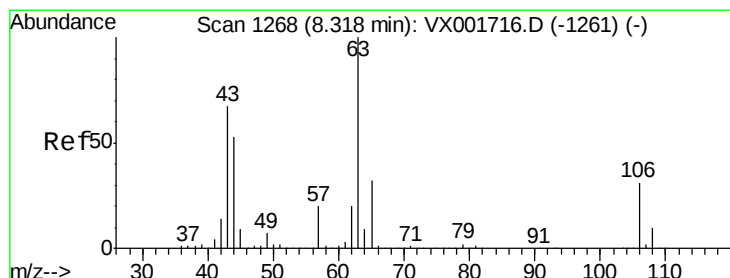
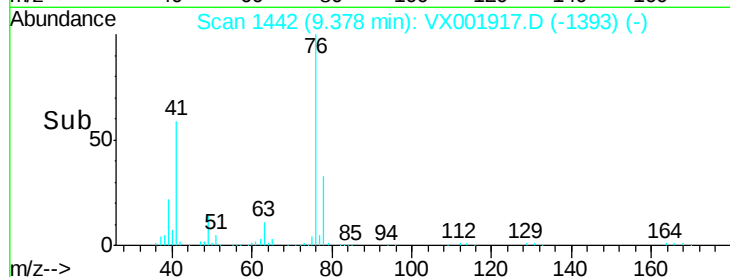
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 121.77 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX001917.D

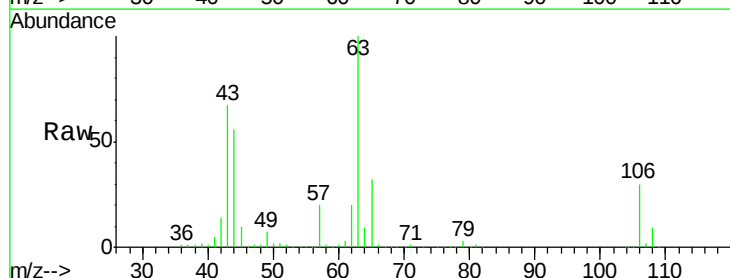
Acq: 23 May 2018 02:19

Tgt Ion: 63 Resp: 239092

Ion Ratio Lower Upper

63 100

106 31.2 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

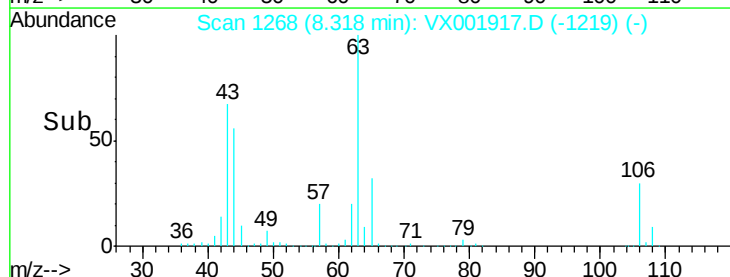
100000

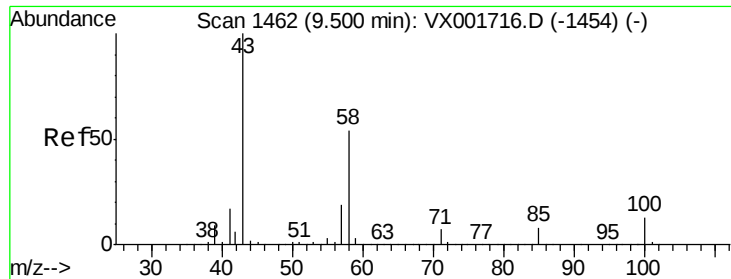
50000

0

8.20 8.30 8.40

Time-->

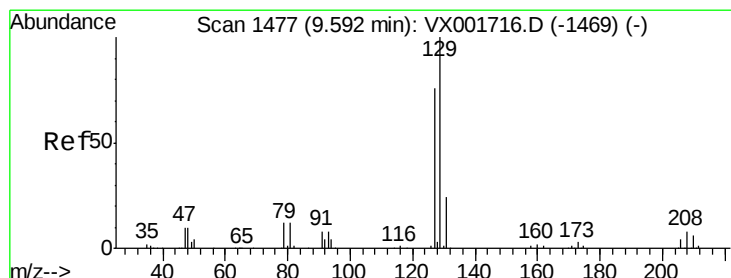
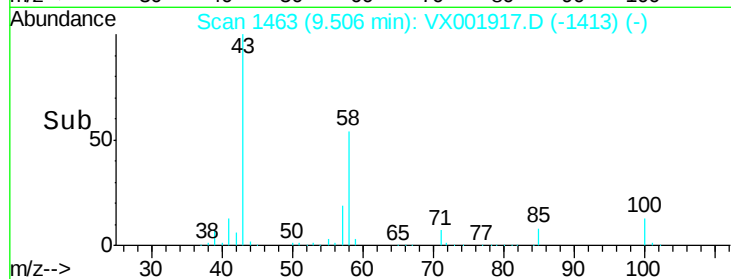
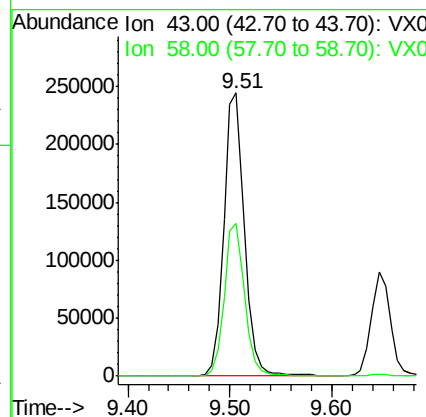
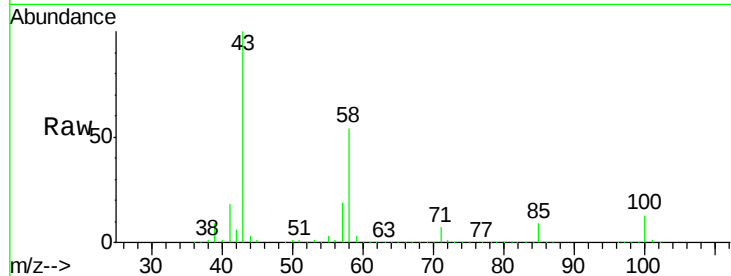




#59
2-Hexanone
Concen: 124.81 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

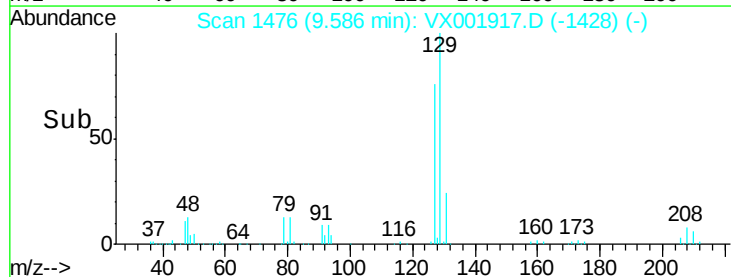
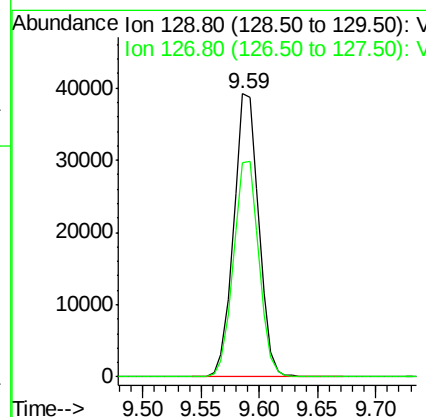
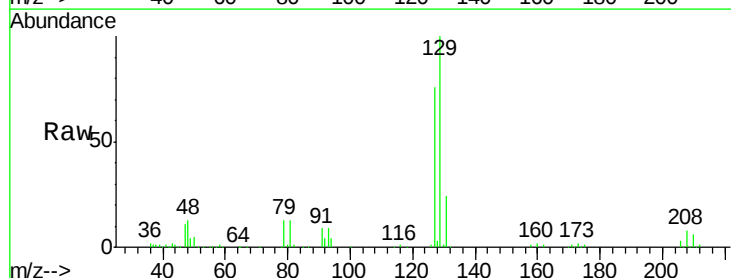
Instrument :
MSVOA_X
ClientSampleId :

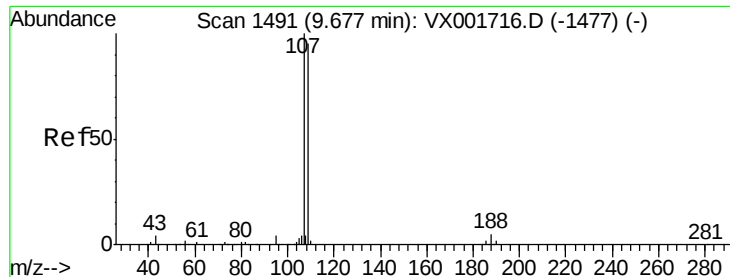
Tot Ion: 43 Resp: 343498
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1



#60
Dibromochloromethane
Concen: 21.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 129 Resp: 58624
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 21.28 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

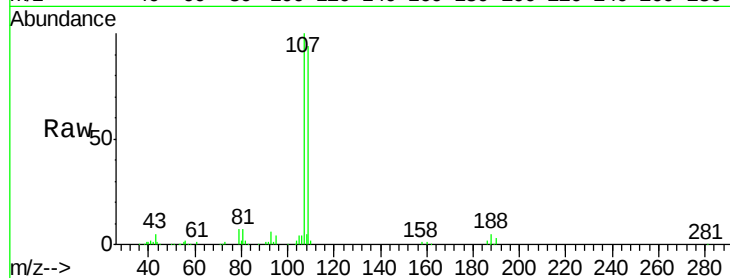
ClientSampleId :

Tot Ion:107 Resp: 59973

Ion Ratio Lower Upper

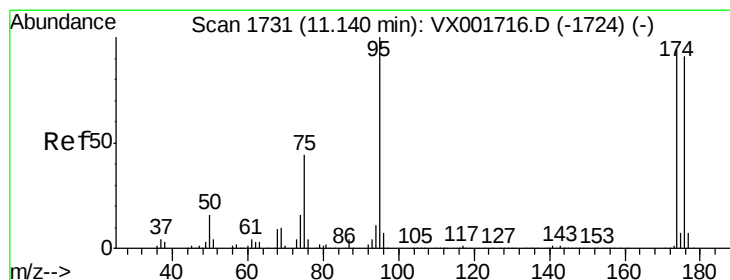
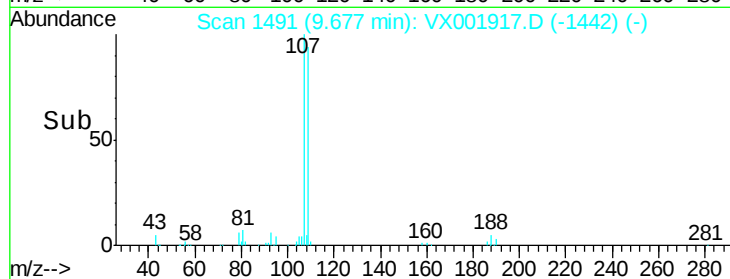
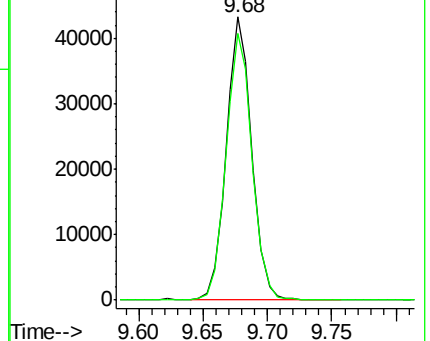
107 100

109 96.4 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

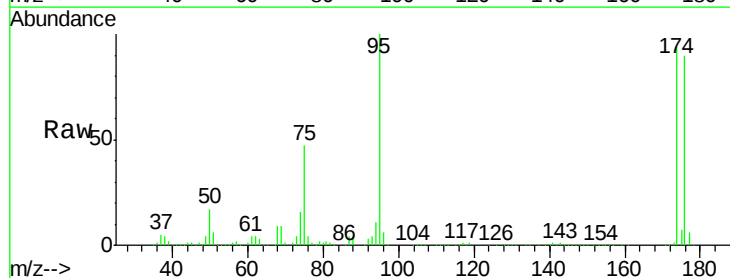
Tgt Ion: 95 Resp: 174820

Ion Ratio Lower Upper

95 100

174 101.8 0.0 201.8

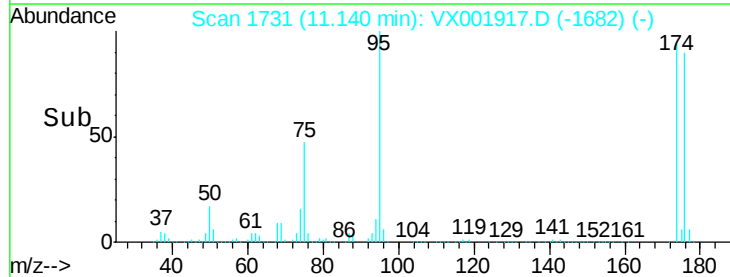
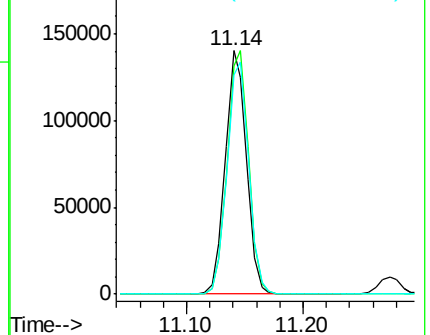
176 98.5 0.0 196.8

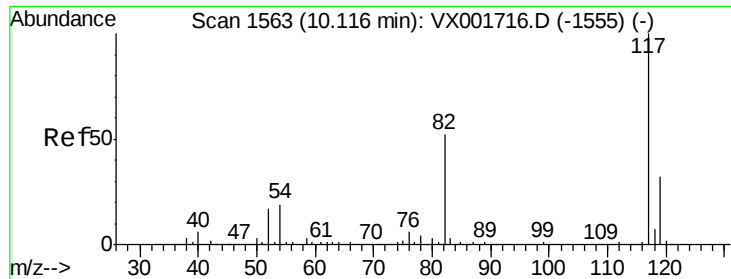


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampled :

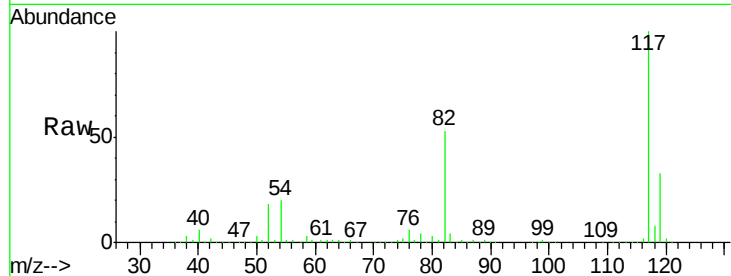
Tot Ion:117 Resp: 271476

Ion Ratio Lower Upper

117 100

82 53.2 41.4 62.2

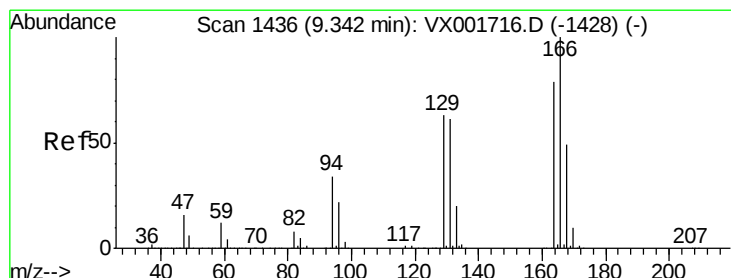
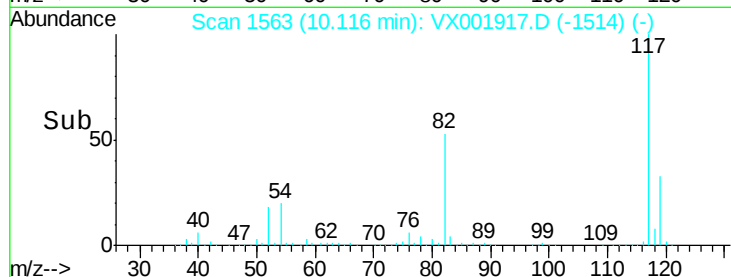
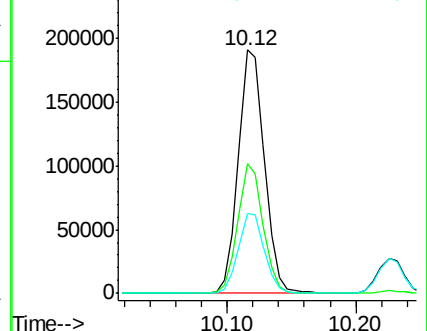
119 32.8 25.6 38.4



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: 21.51 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion:164 Resp: 76025

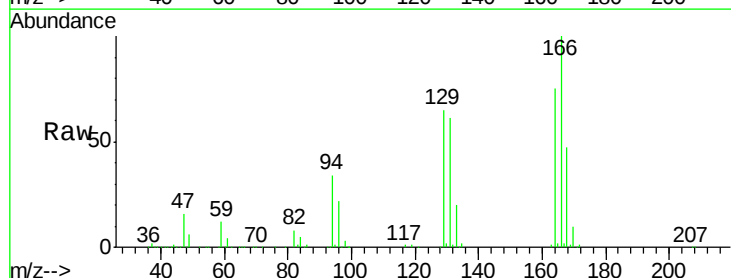
Ion Ratio Lower Upper

164 100

166 133.4 101.8 152.8

129 86.1 63.8 95.6

131 80.8 62.2 93.2

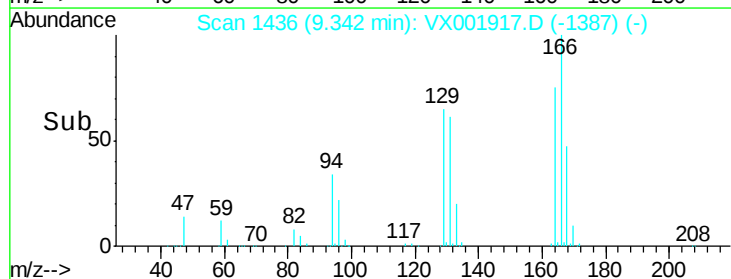
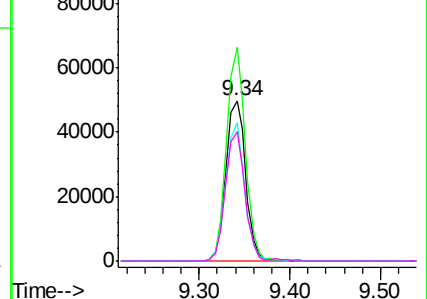


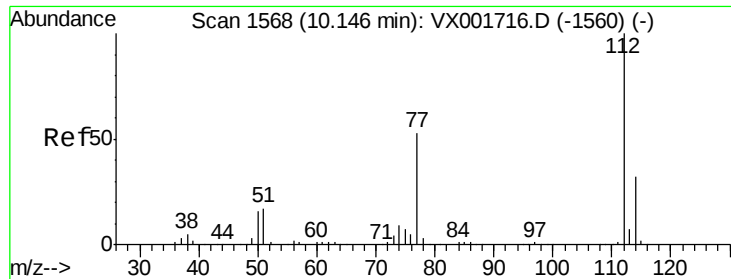
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.90 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

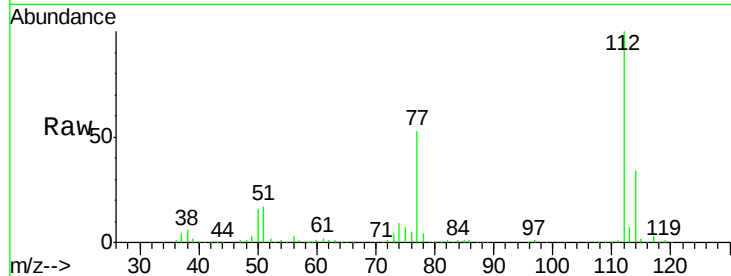
ClientSampleId :

Tot Ion:112 Resp: 156083

Ion Ratio Lower Upper

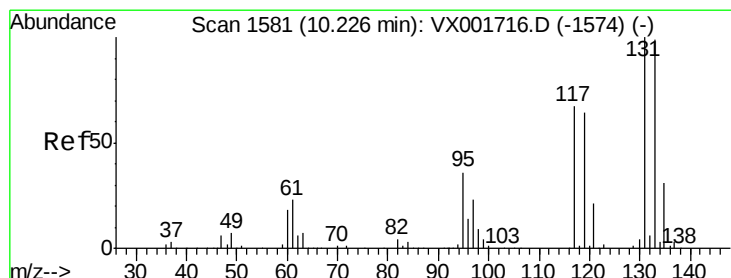
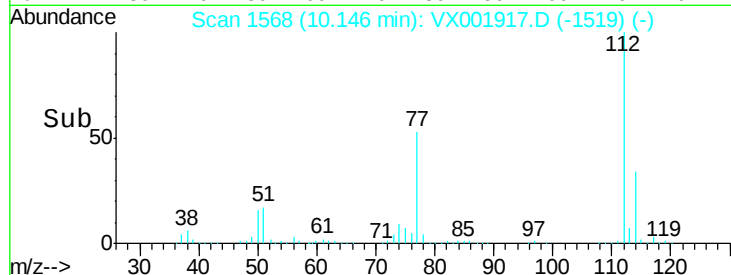
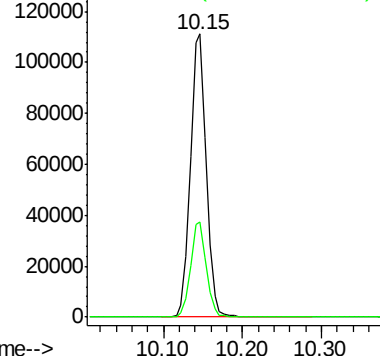
112 100

114 33.7 25.6 38.4



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: 22.08 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

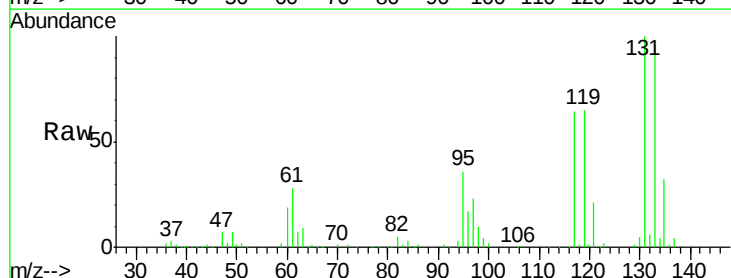
Tgt Ion:131 Resp: 58227

Ion Ratio Lower Upper

131 100

133 96.1 48.5 145.6

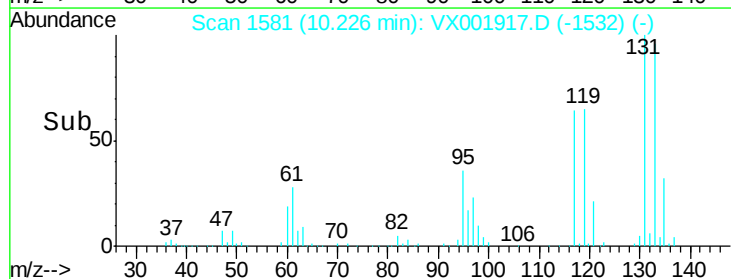
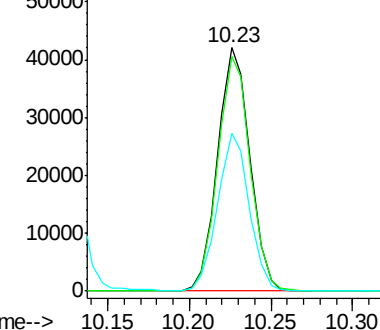
119 63.8 31.9 95.5

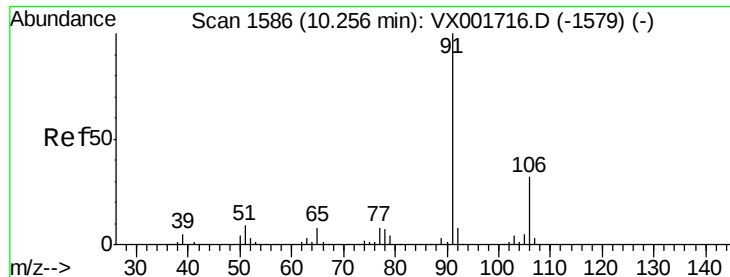


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

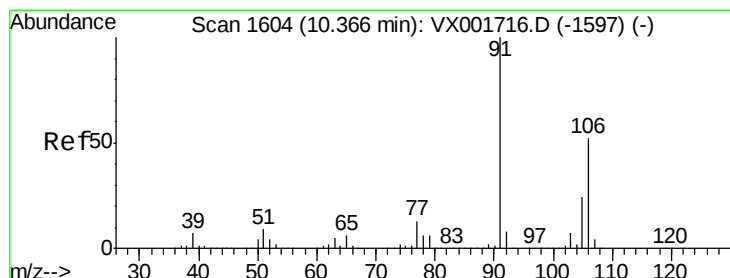
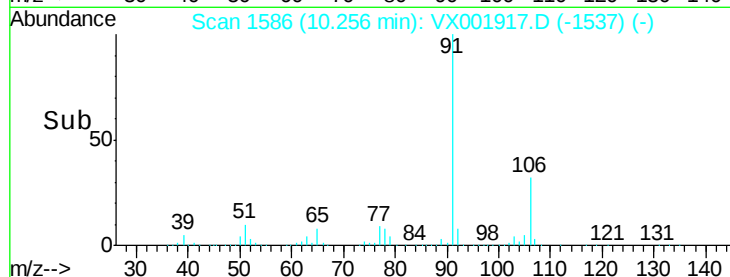
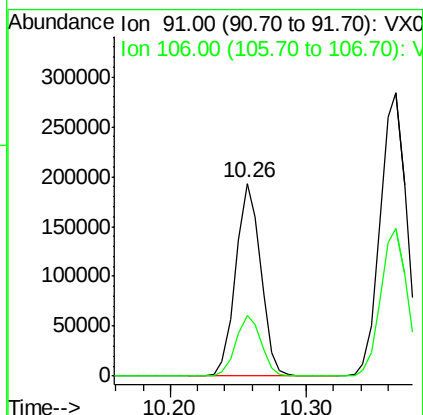
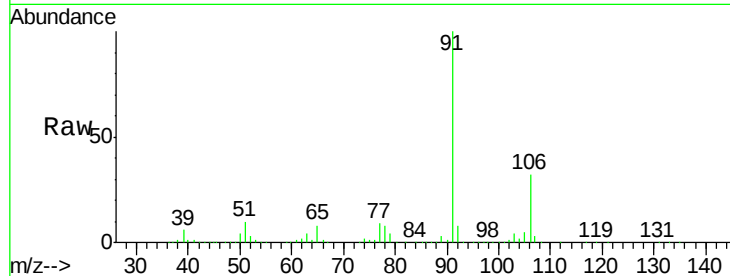




#67
Ethyl Benzene
Concen: 20.79 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

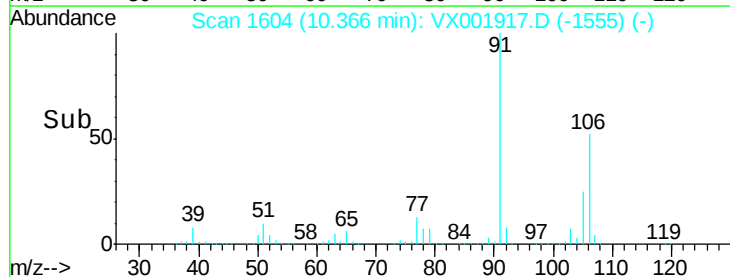
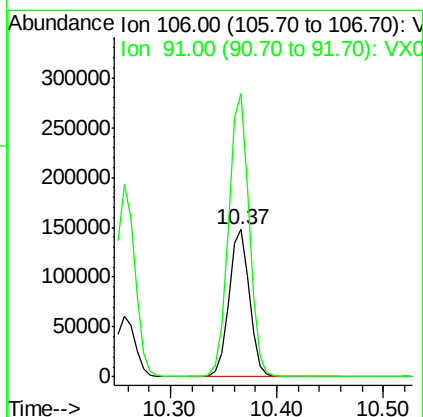
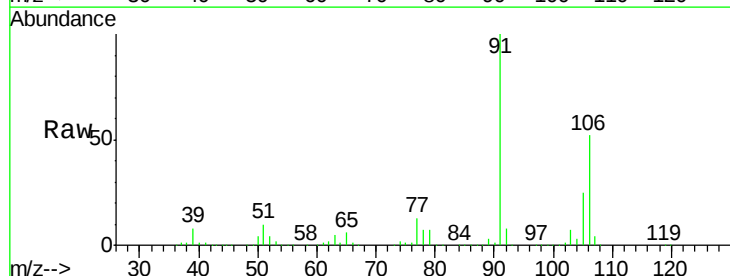
Instrument :
MSVOA_X
ClientSampleId :

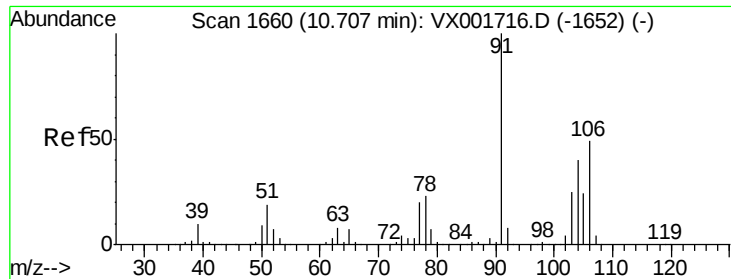
Tot Ion: 91 Resp: 248149
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 42.28 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 106 Resp: 199081
Ion Ratio Lower Upper
106 100
91 193.8 155.4 233.2

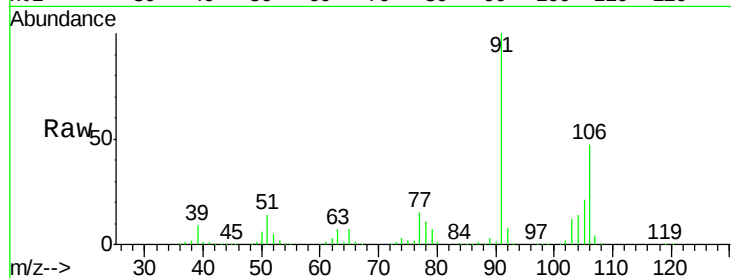




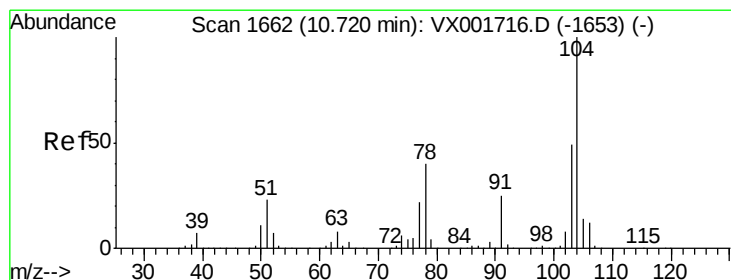
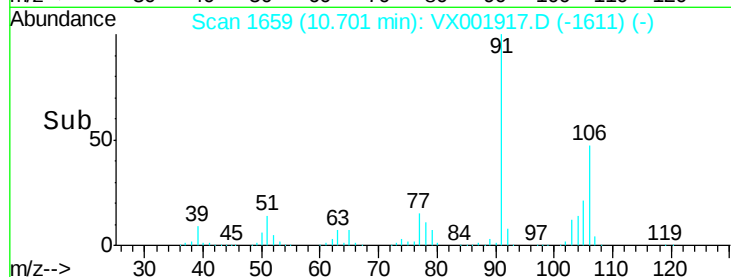
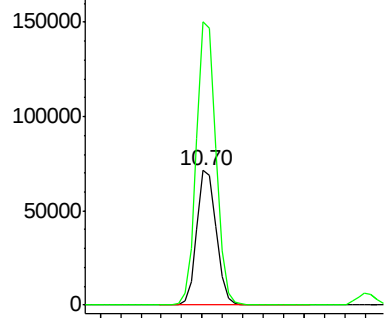
#69
o-Xylene
Concen: 21.00 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 94685
Ion Ratio Lower Upper
106 100
91 211.3 103.4 310.2

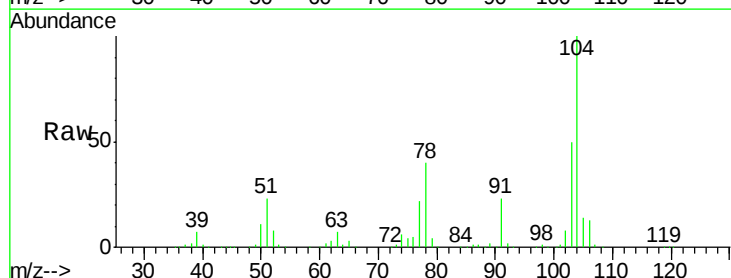


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

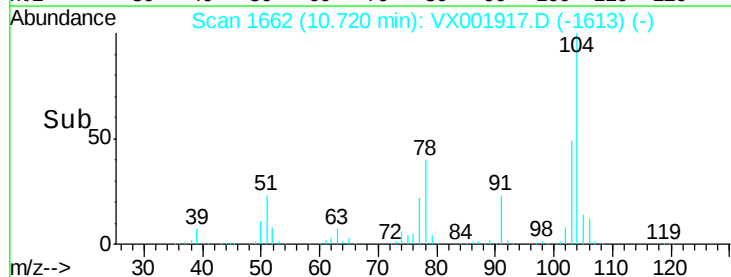
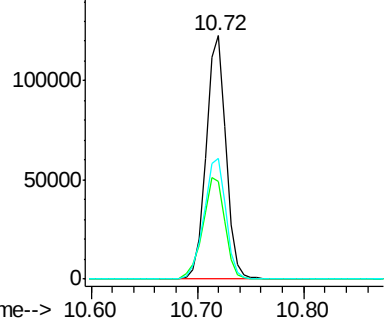


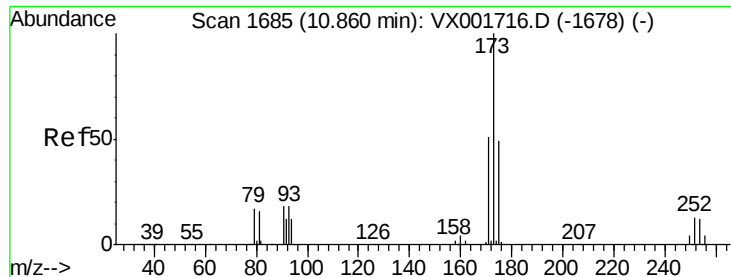
#70
Styrene
Concen: 21.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion:104 Resp: 160701
Ion Ratio Lower Upper
104 100
78 47.0 37.3 55.9
103 55.2 43.7 65.5



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





#71

Bromoform

Concen: 21.04 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

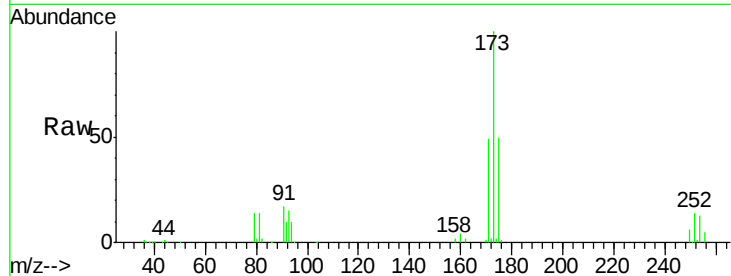
Tot Ion:173 Resp: 47220

Ion Ratio Lower Upper

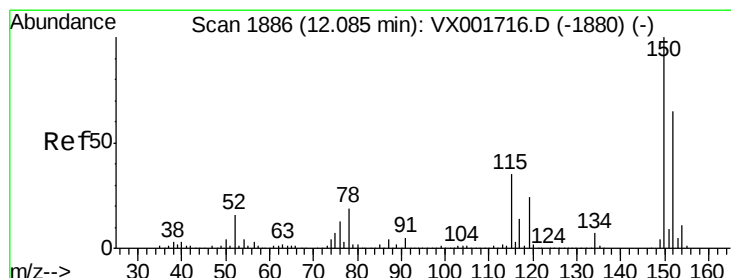
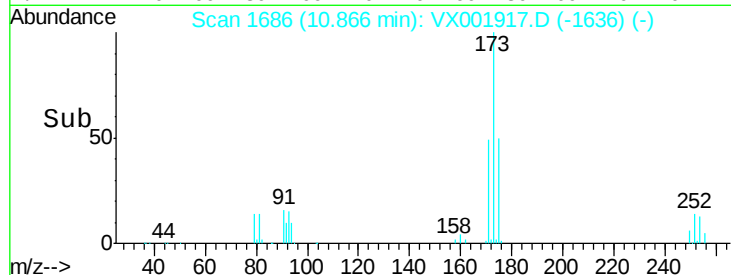
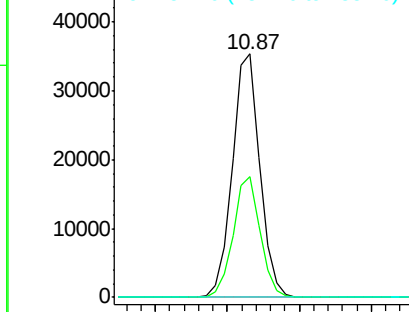
173 100

175 48.7 24.3 72.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

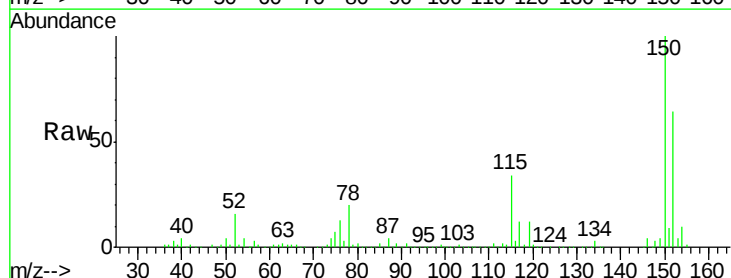
Tgt Ion:152 Resp: 182645

Ion Ratio Lower Upper

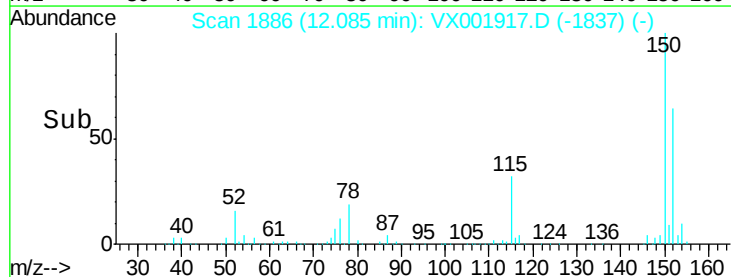
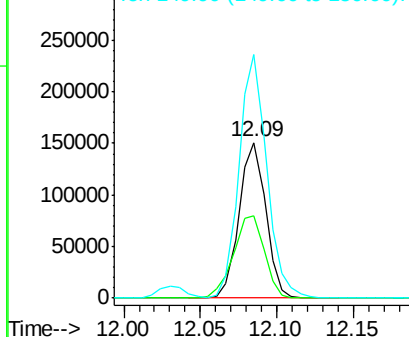
152 100

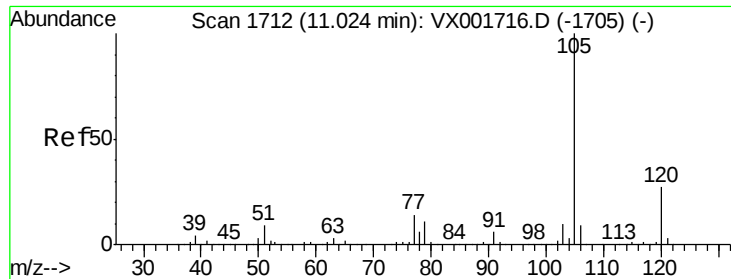
115 61.6 37.4 112.2

150 162.4 0.0 344.8



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: 21.72 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

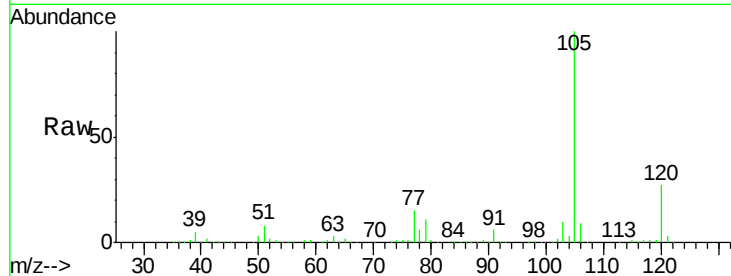
ClientSampleId :

Tot Ion:105 Resp: 261295

Ion Ratio Lower Upper

105 100

120 27.0 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

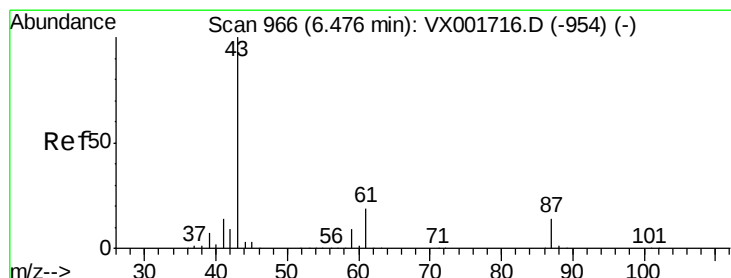
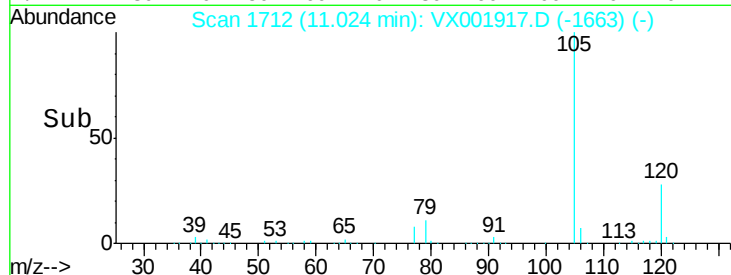
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 24.57 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion: 43 Resp: 141704

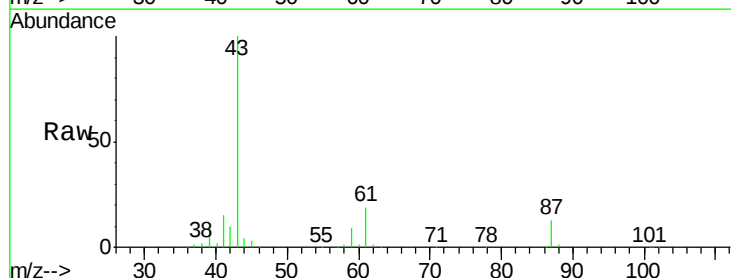
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.6 15.8 23.8



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

80000

60000

40000

20000

0

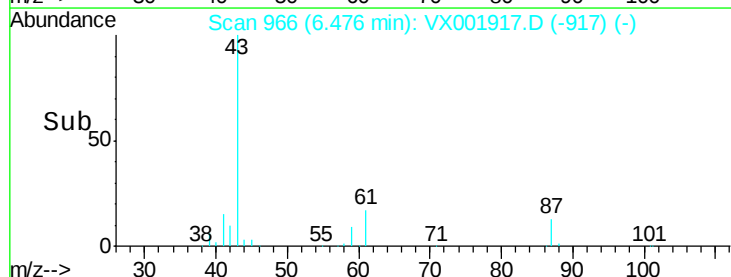
6.48

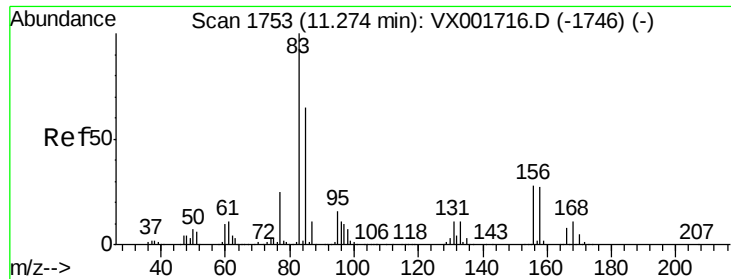
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.61 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

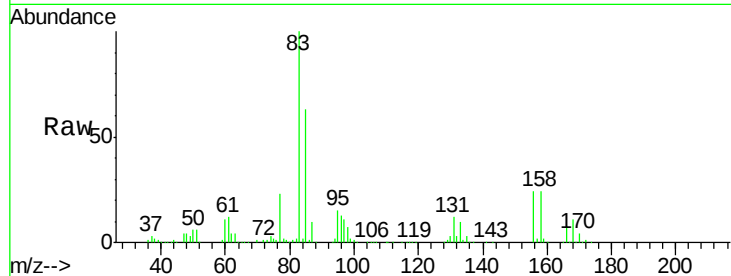
Tot Ion: 83 Resp: 85206

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

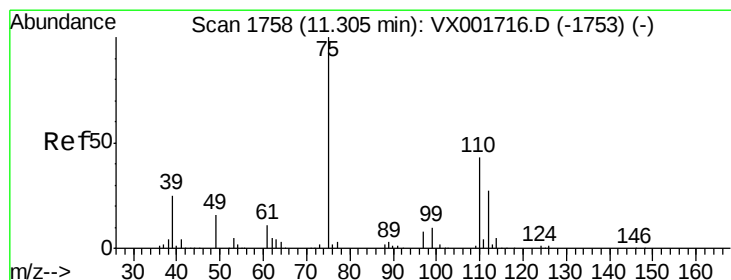
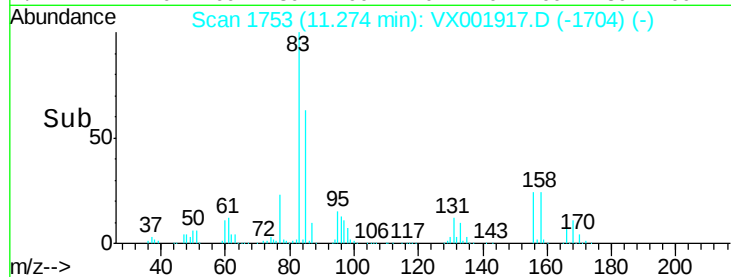
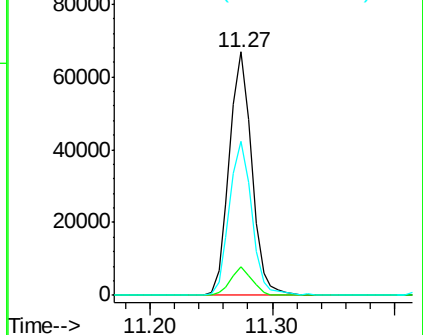
85 63.4 32.7 98.1



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: 27.38 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001917.D

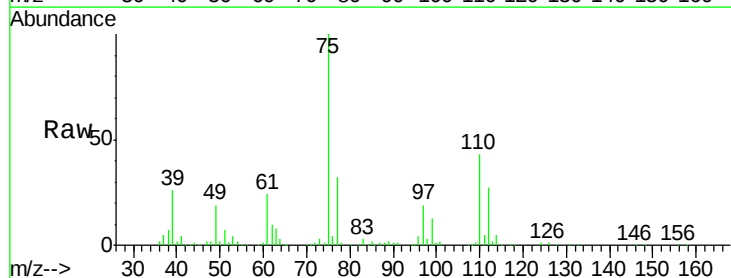
Acq: 23 May 2018 02:19

Tgt Ion: 75 Resp: 95101

Ion Ratio Lower Upper

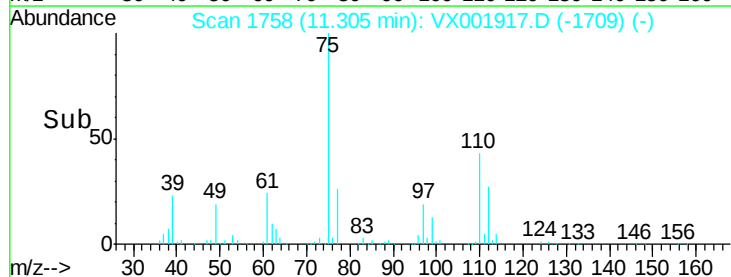
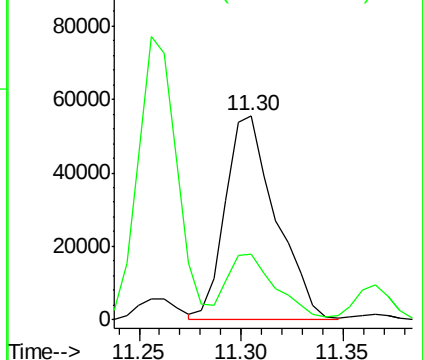
75 100

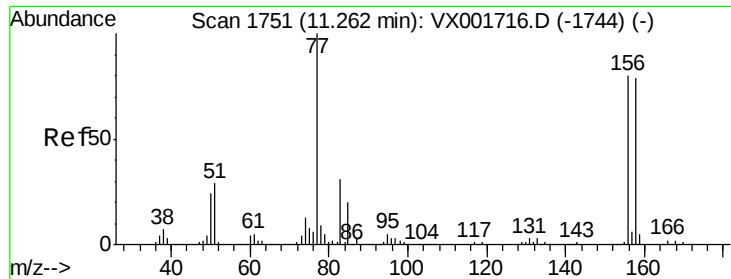
77 30.7 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.71 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampled :

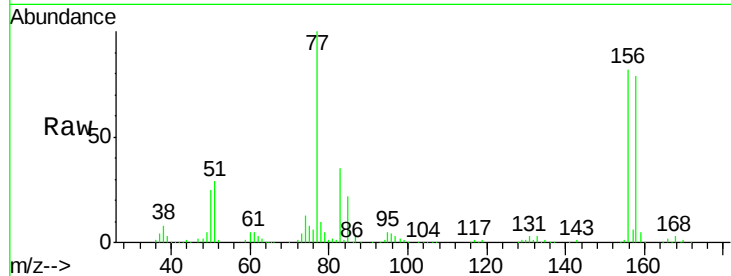
Tot Ion:156 Resp: 76734

Ion Ratio Lower Upper

156 100

77 132.7 65.3 196.0

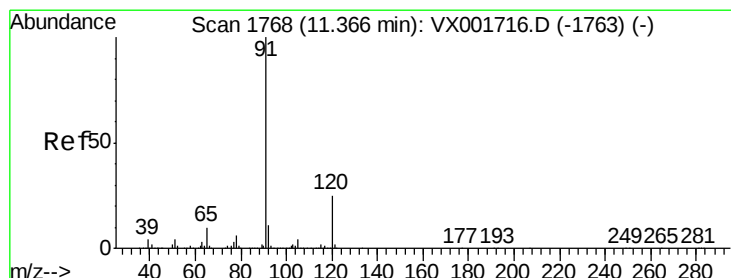
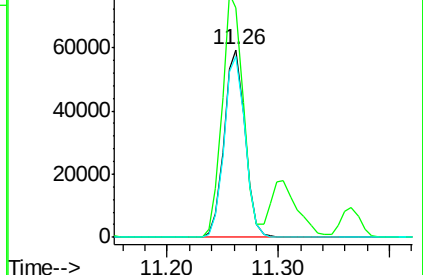
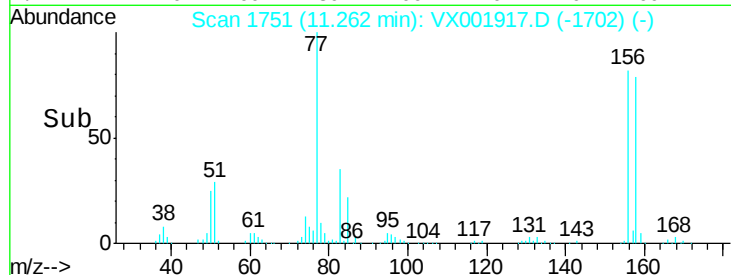
158 97.7 49.1 147.3



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: 21.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001917.D

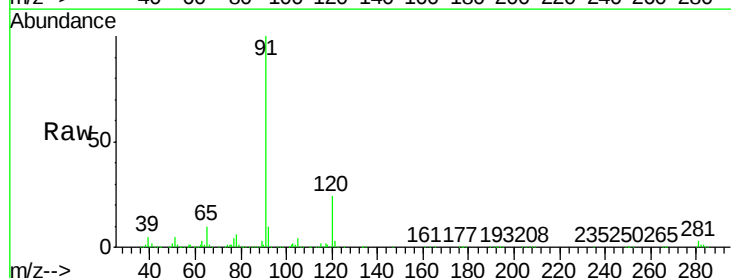
Acq: 23 May 2018 02:19

Tgt Ion: 91 Resp: 288662

Ion Ratio Lower Upper

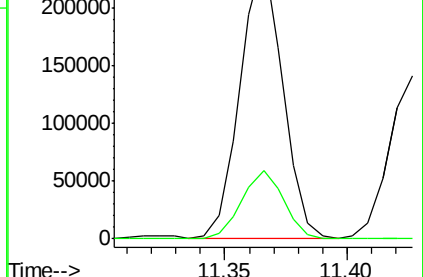
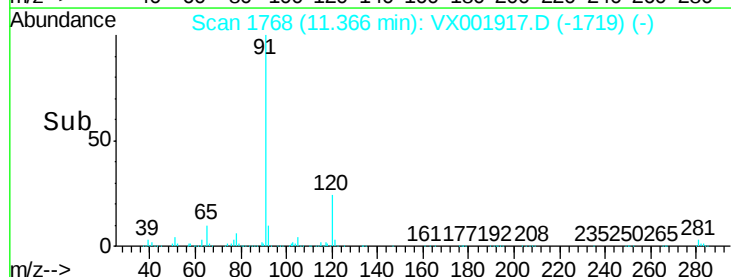
91 100

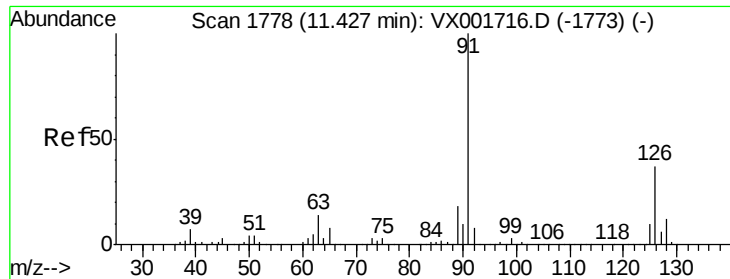
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

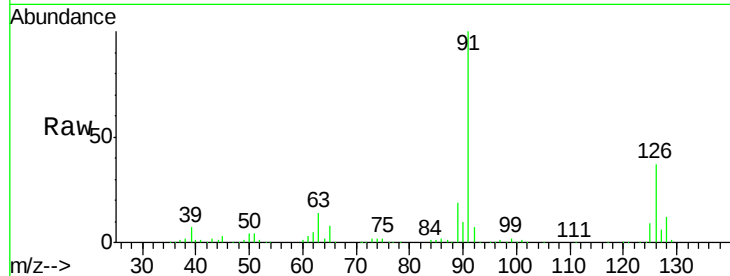
ClientSampleId :

Tot Ion: 91 Resp: 175680

Ion Ratio Lower Upper

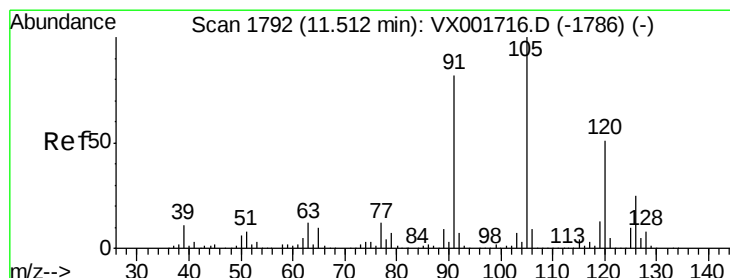
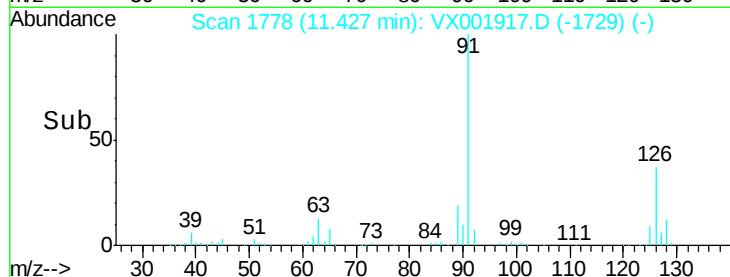
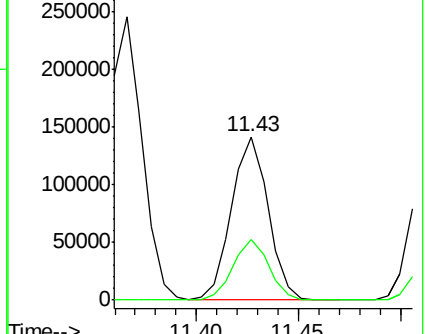
91 100

126 36.8 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001917.D

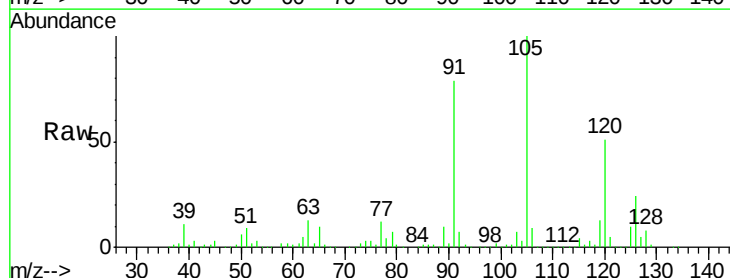
Acq: 23 May 2018 02:19

Tgt Ion:105 Resp: 217050

Ion Ratio Lower Upper

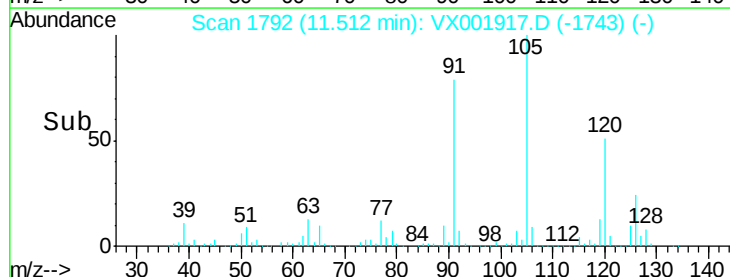
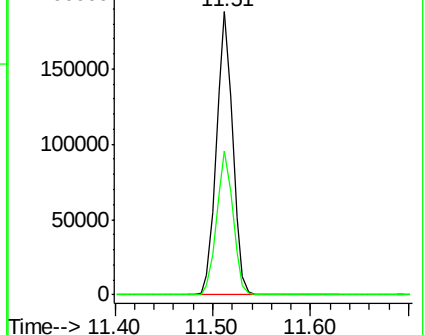
105 100

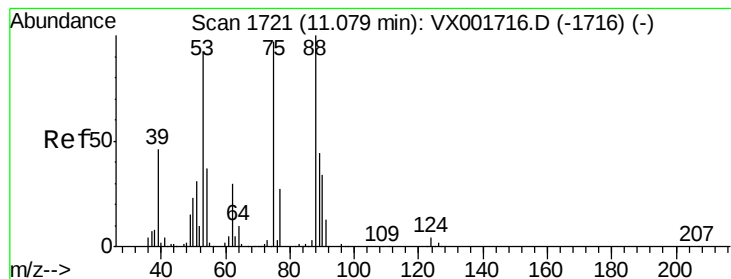
120 51.1 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

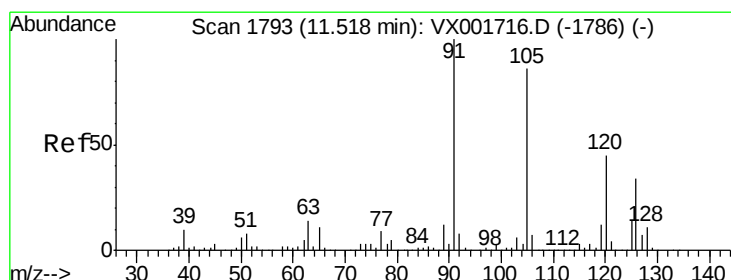
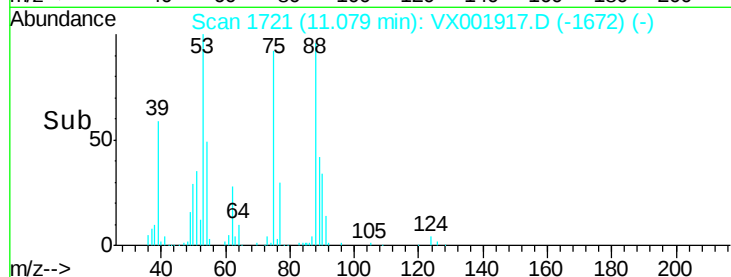
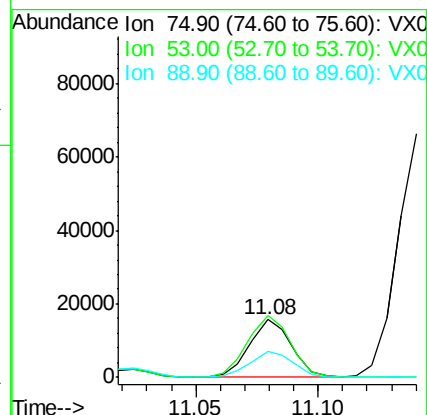
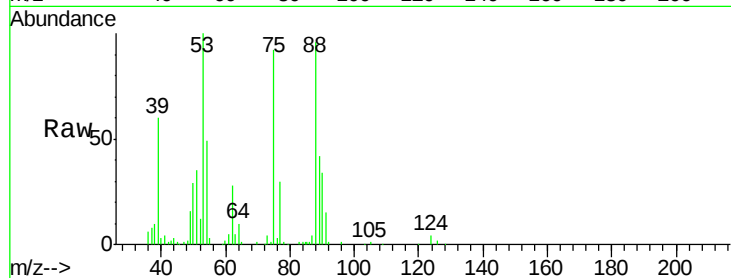
Tot Ion: 75 Resp: 18621

Ion Ratio Lower Upper

75 100

53 111.3 79.4 119.2

89 47.1 38.8 58.2



#82

4-Chlorotoluene

Concen: 21.31 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001917.D

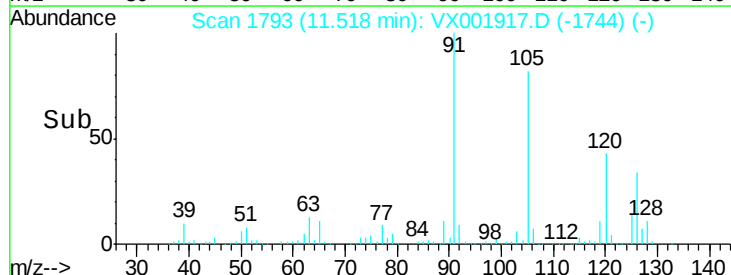
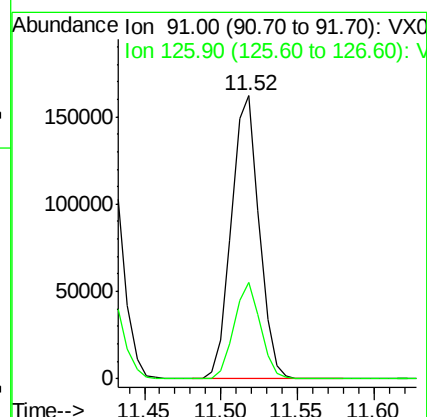
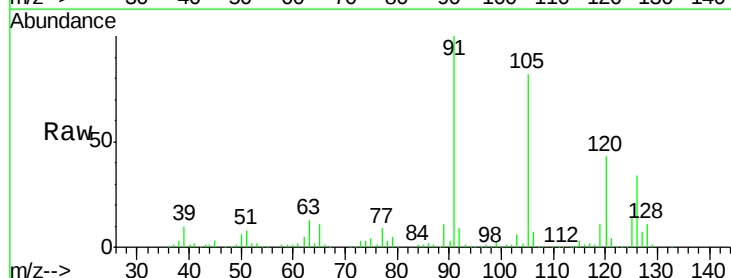
Acq: 23 May 2018 02:19

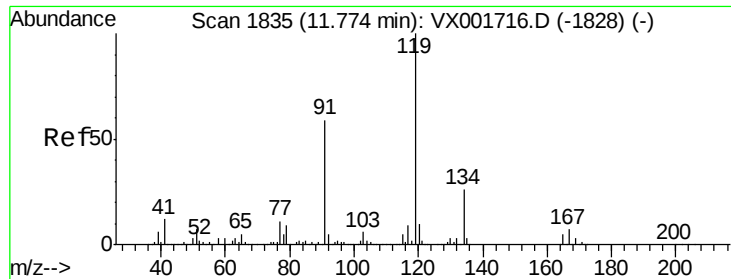
Tgt Ion: 91 Resp: 203495

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1

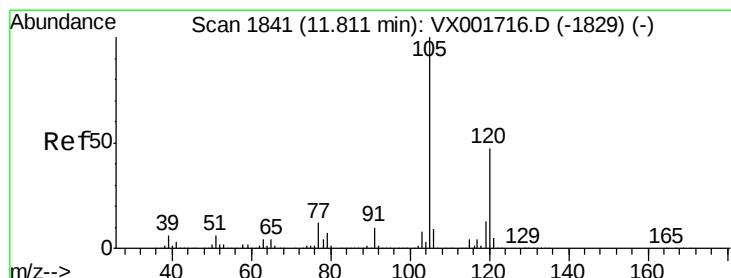
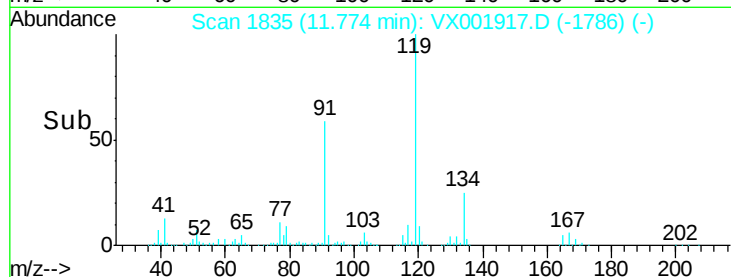
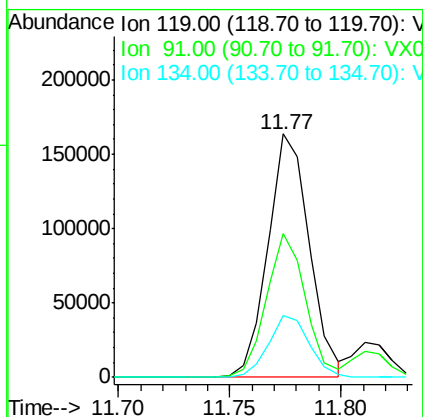
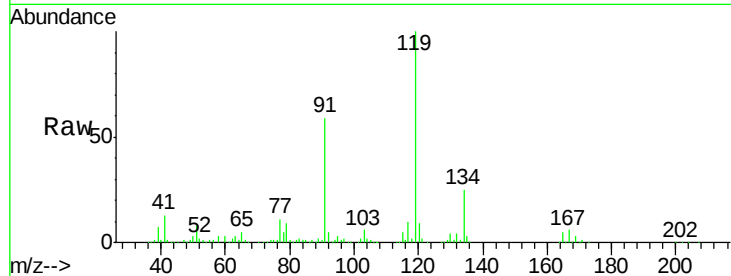




#83
 tert-Butylbenzene
 Concen: 21.46 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

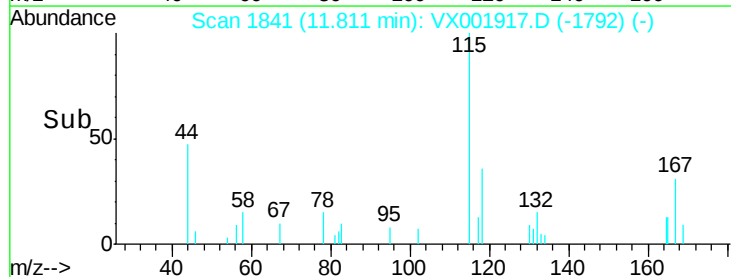
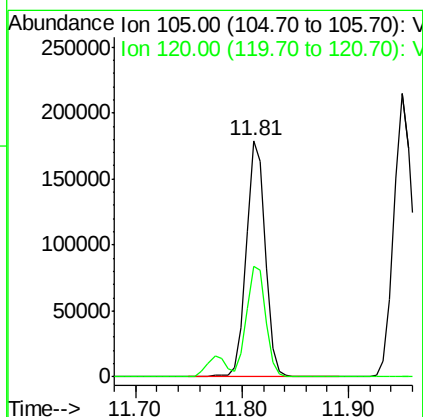
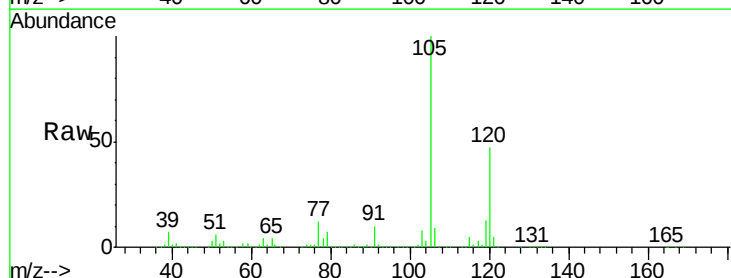
Instrument :
 MSVOA_X
 ClientSampled :

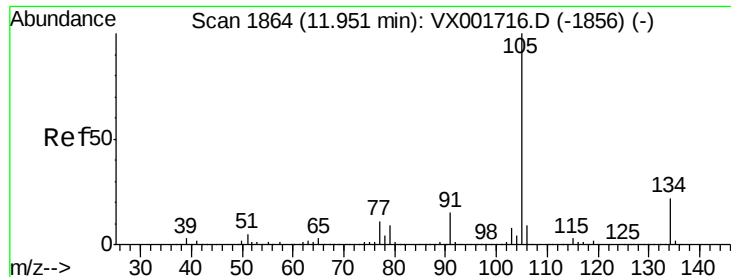
Tot Ion:119 Resp: 210689
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.7 83.0
 134 25.1 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.91 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion:105 Resp: 223853
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.5 70.5





#85

sec-Butylbenzene

Concen: 21.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

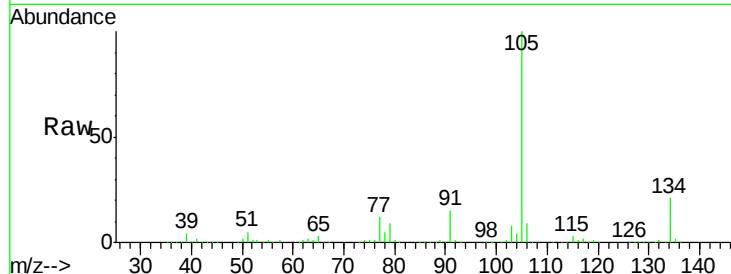
ClientSampled :

Tot Ion:105 Resp: 260668

Ion Ratio Lower Upper

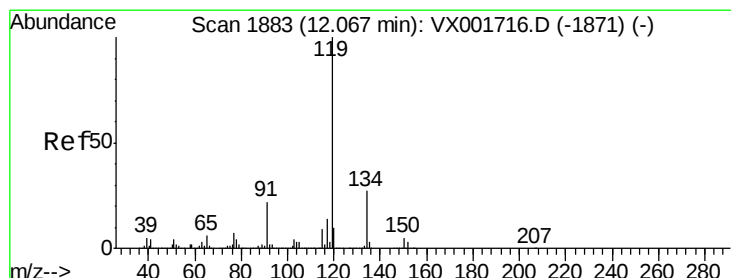
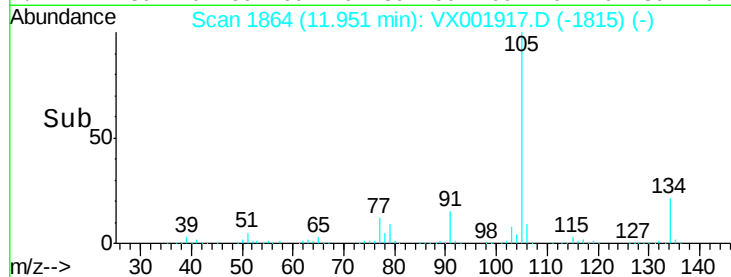
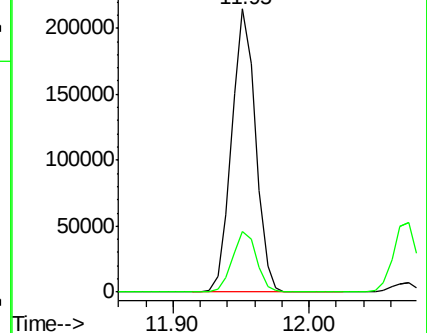
105 100

134 21.8 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.15 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

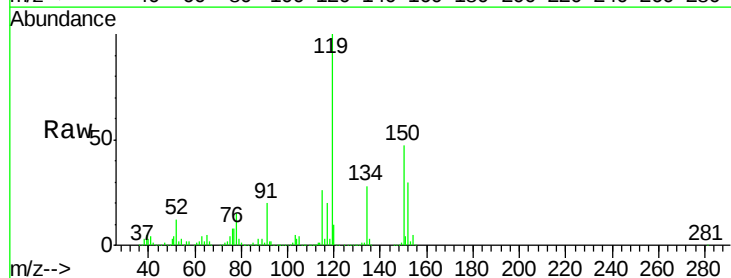
Tgt Ion:119 Resp: 237262

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

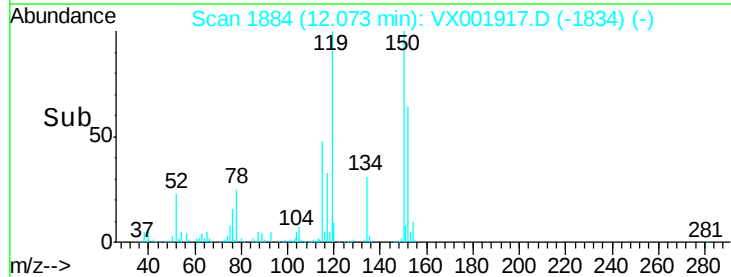
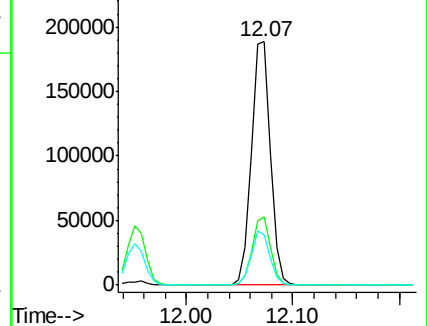
91 21.6 10.7 32.1

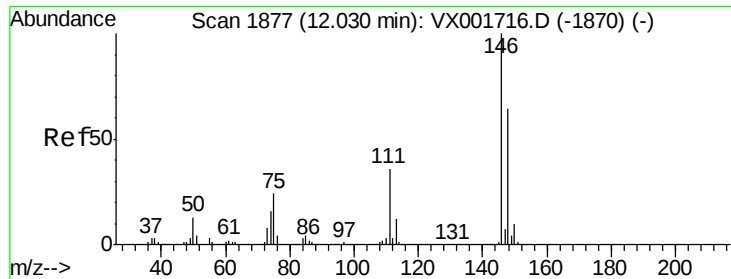


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 21.14 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

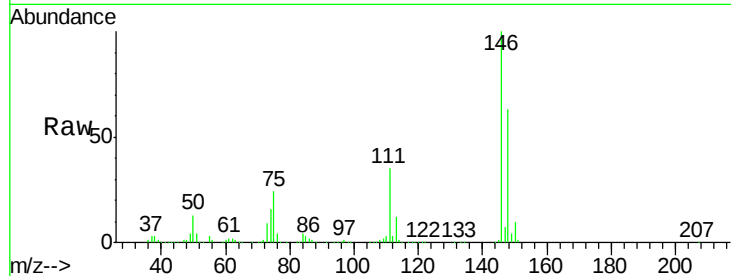
Tot Ion:146 Resp: 138189

Ion Ratio Lower Upper

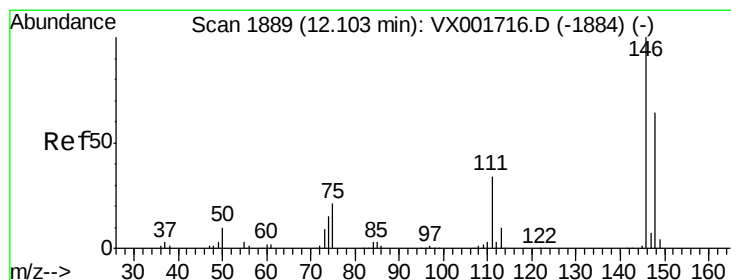
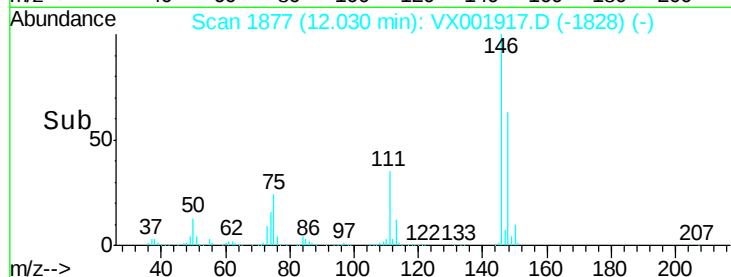
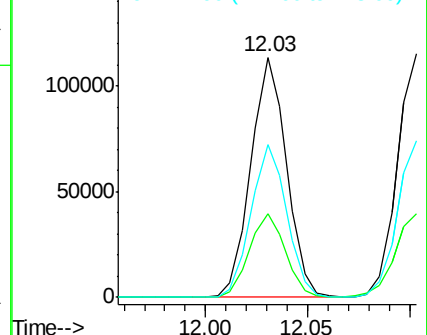
146 100

111 35.3 17.8 53.4

148 63.6 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 20.91 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

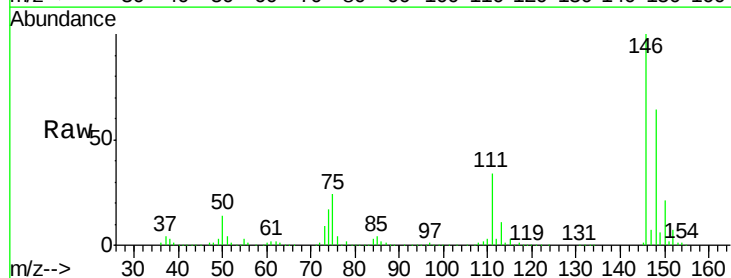
Tgt Ion:146 Resp: 141355

Ion Ratio Lower Upper

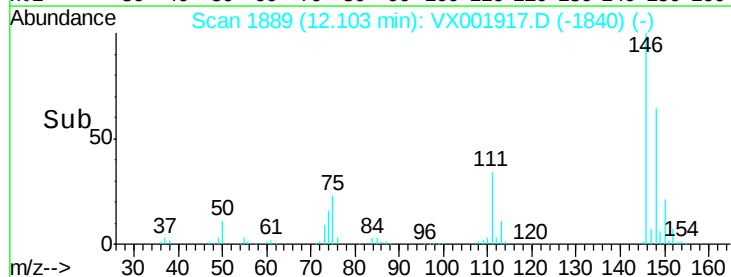
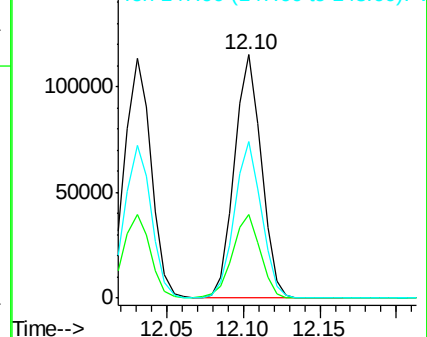
146 100

111 35.4 17.3 52.0

148 64.3 32.3 96.9



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





#89

n-Butylbenzene

Concen: 19.68 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

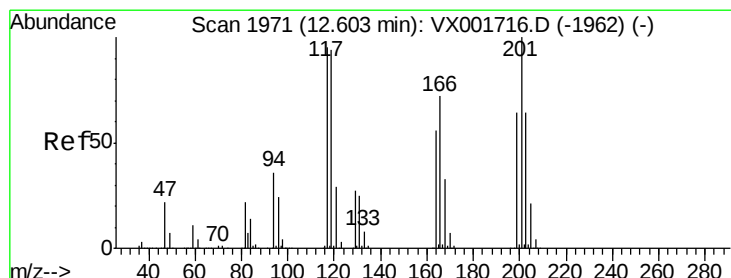
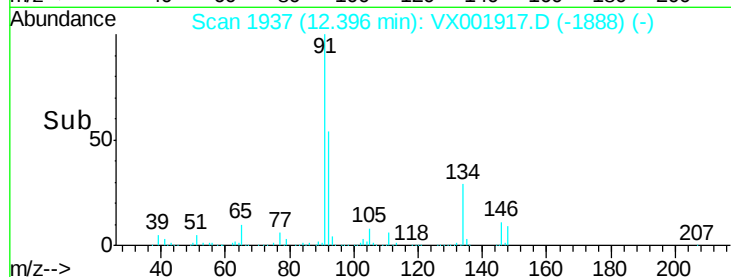
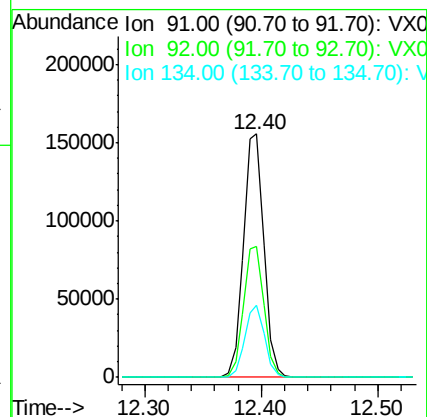
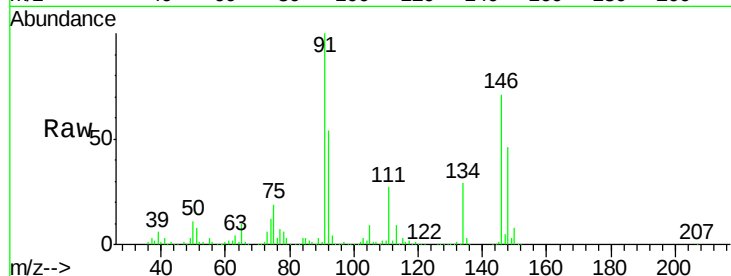
Tot Ion: 91 Resp: 190938

Ion Ratio Lower Upper

91 100

92 53.9 27.3 81.9

134 28.6 14.7 44.1



#90

Hexachloroethane

Concen: 21.03 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001917.D

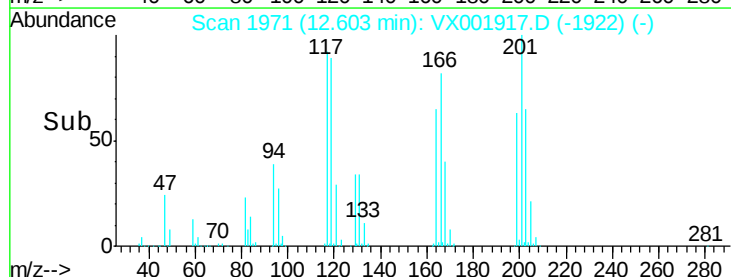
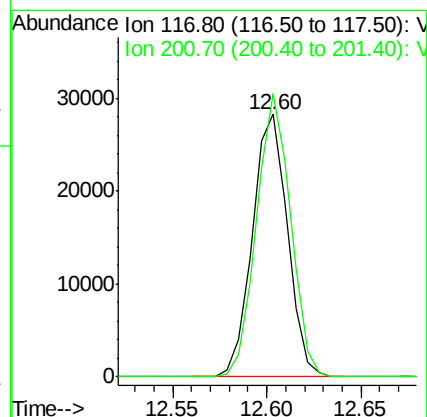
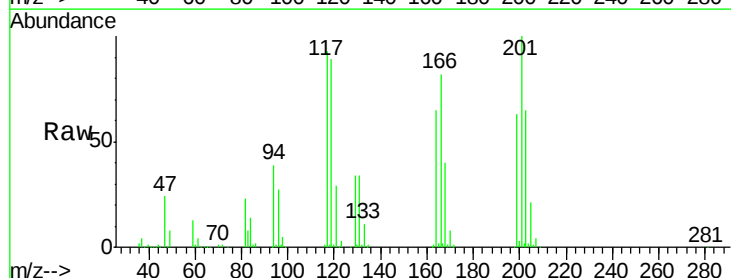
Acq: 23 May 2018 02:19

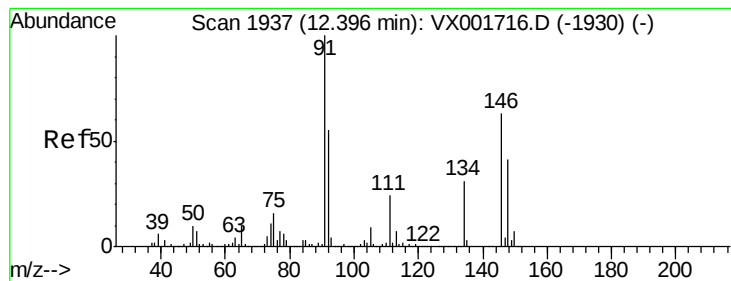
Tgt Ion: 117 Resp: 36629

Ion Ratio Lower Upper

117 100

201 104.4 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 21.35 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampled :

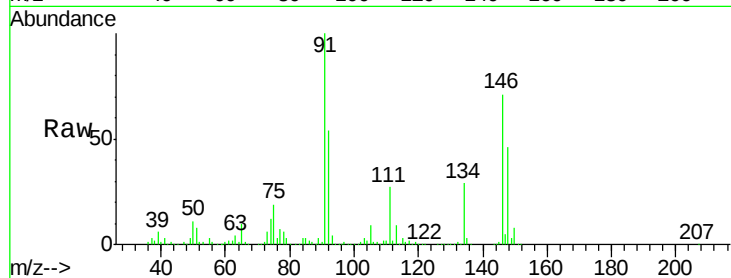
Tot Ion:146 Resp: 139073

Ion Ratio Lower Upper

146 100

111 37.9 18.6 56.0

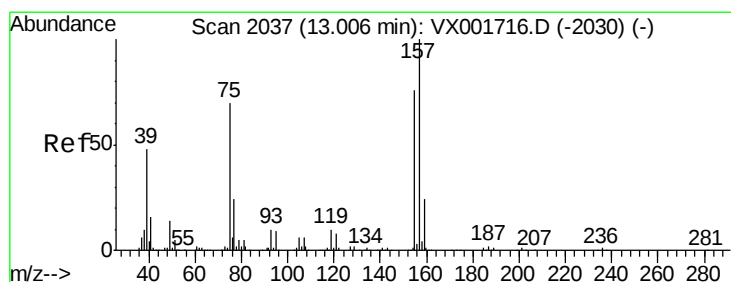
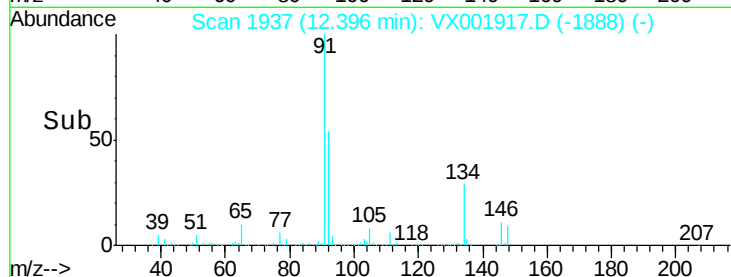
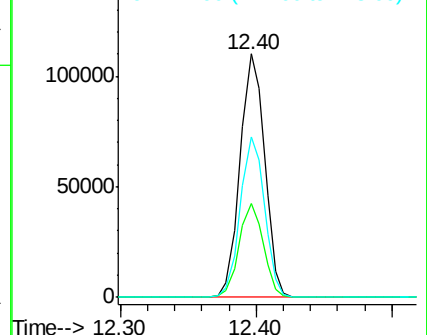
148 65.2 32.4 97.0



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: 24.49 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

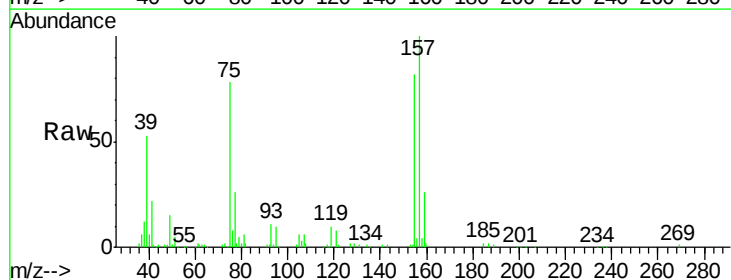
Tgt Ion: 75 Resp: 18858

Ion Ratio Lower Upper

75 100

155 109.0 53.9 161.8

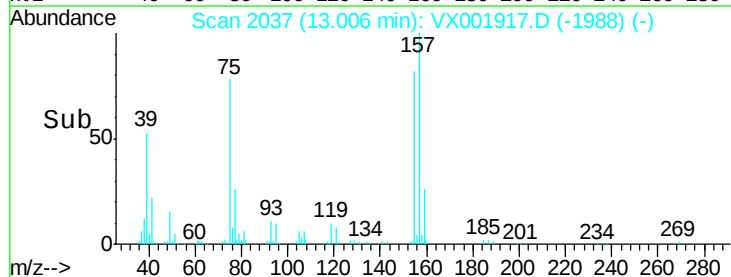
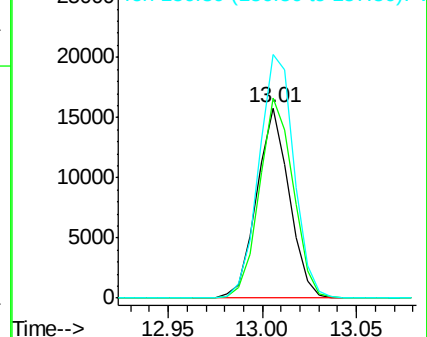
157 138.1 71.0 213.2



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

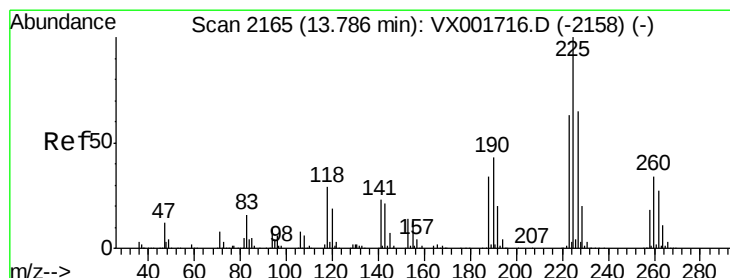
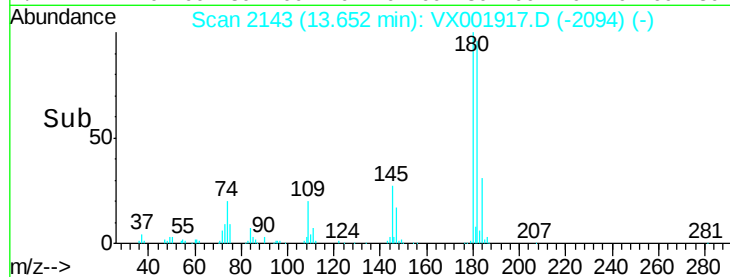
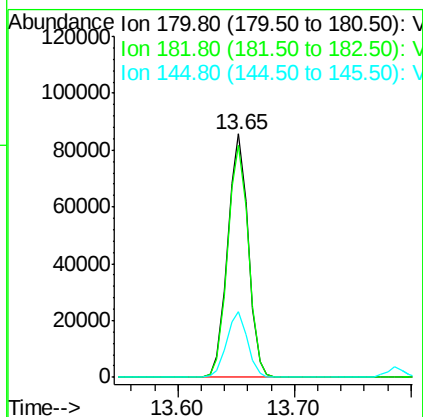
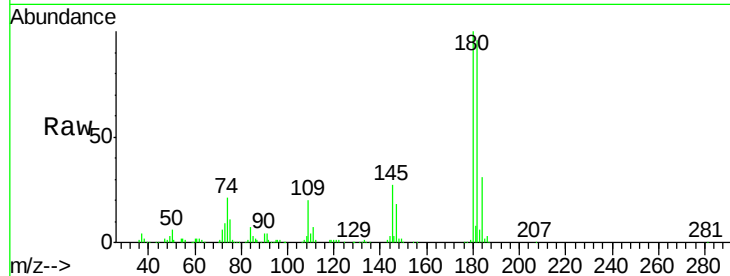




#93
 1,2,4-Trichlorobenzene
 Concen: 20.17 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

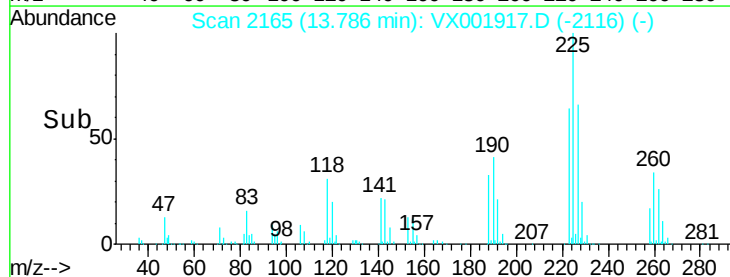
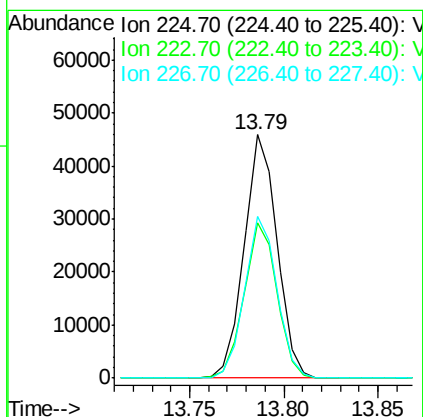
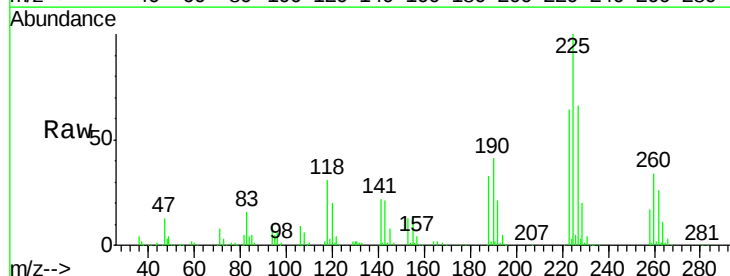
Instrument :
 MSVOA_X
 ClientSampled :

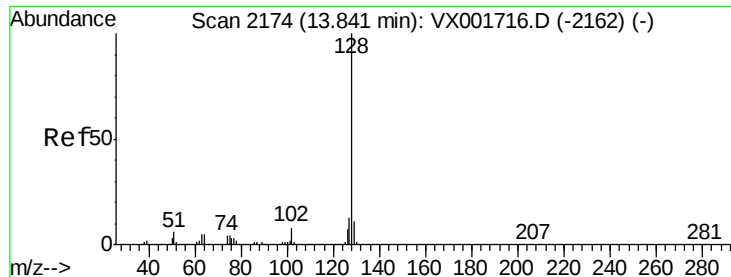
Tot Ion:180 Resp: 104712
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.6 142.9
 145 27.1 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 19.94 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion:225 Resp: 55560
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.5
 227 65.2 31.9 95.5





#95

Naphthalene

Concen: 22.30 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

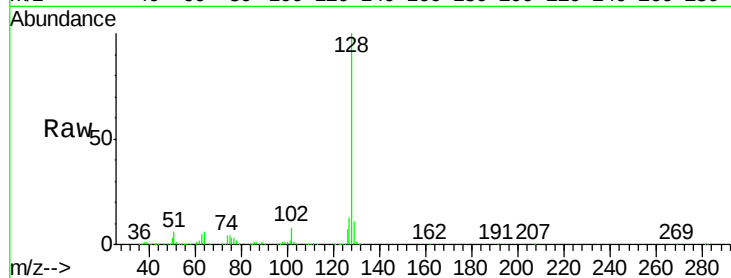
Tot Ion:128 Resp: 300877

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

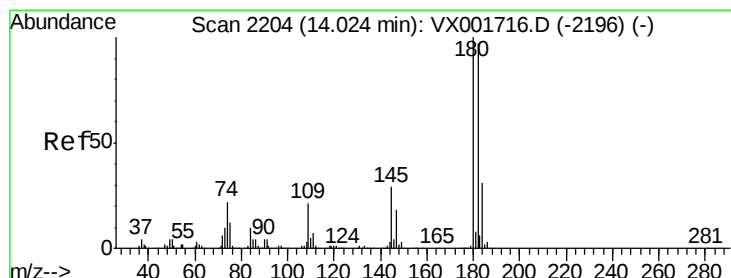
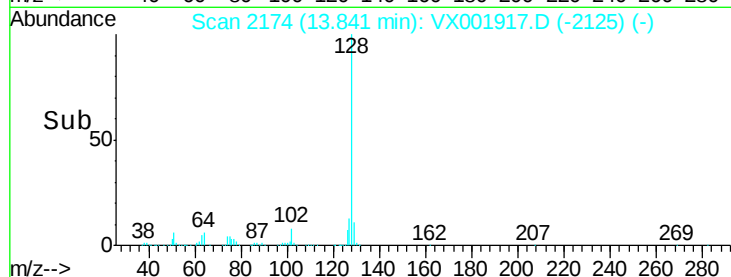
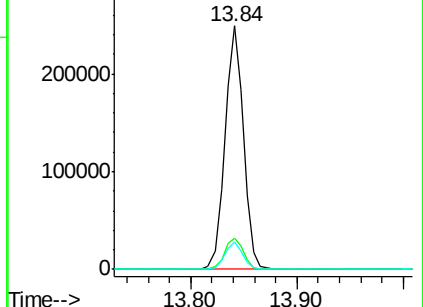
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.03 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

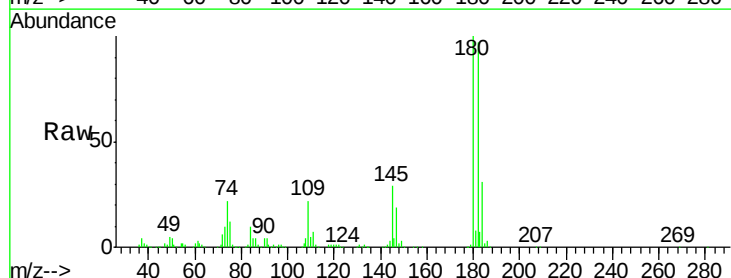
Tgt Ion:180 Resp: 109951

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.7

145 28.4 14.2 42.8



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

