

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008932.D
 Acq On : 13 Apr 2019 15:22
 Operator : JC/SP
 Sample : VX0413WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 14 04:14:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	162113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107603	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	106570	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	
35) Dibromofluoromethane	5.50	113	80307	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
50) Toluene-d8	8.71	98	312923	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	11.13	95	111977	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	39857	21.359	ug/l	99
3) Chloromethane	1.32	50	46998	19.521	ug/l	96
4) Vinyl Chloride	1.41	62	46422	18.403	ug/l	99
5) Bromomethane	1.64	94	26203	22.177	ug/l	98
6) Chloroethane	1.72	64	28851	19.069	ug/l	99
7) Trichlorofluoromethane	1.93	101	55840	20.025	ug/l	97
8) Diethyl Ether	2.19	74	25592	19.353	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34606	19.276	ug/l	97
10) Methyl Iodide	2.51	142	34030	23.149	ug/l	98
11) Tert butyl alcohol	3.05	59	57491	103.856	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35212	18.788	ug/l	97
13) Acrolein	2.29	56	23601	85.983	ug/l	99
14) Allyl chloride	2.73	41	79961	18.637	ug/l	100
15) Acrylonitrile	3.14	53	141724	96.642	ug/l	100
16) Acetone	2.45	43	126173	92.646	ug/l	100
17) Carbon Disulfide	2.57	76	100837	18.161	ug/l	100
18) Methyl Acetate	2.78	43	65740	19.903	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	136491	20.393	ug/l	100
20) Methylene Chloride	2.85	84	40952	17.964	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	37970	18.730	ug/l	93
22) Diisopropyl ether	3.86	45	159722	19.315	ug/l	98
23) Vinyl Acetate	3.82	43	725494	100.849	ug/l	100
24) 1,1-Dichloroethane	3.70	63	78655	19.211	ug/l	99
25) 2-Butanone	4.68	43	211039	98.043	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53427	18.527	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	43961	18.861	ug/l	90
28) Bromochloromethane	5.02	49	34416	18.198	ug/l	98
29) Tetrahydrofuran	5.13	42	140074	98.045	ug/l	99
30) Chloroform	5.21	83	71716	19.611	ug/l	97
31) Cyclohexane	5.58	56	76801	18.799	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	59318	20.073	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54065	18.480	ug/l	98
37) Ethyl Acetate	4.84	43	80164	20.528	ug/l	98
38) Carbon Tetrachloride	5.79	117	48502	20.030	ug/l	98

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 14 04:14:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67648	18.718	ug/l	98
40) Benzene	6.14	78	169701	19.471	ug/l	99
41) Methacrylonitrile	5.04	41	44260	19.718	ug/l	99
42) 1,2-Dichloroethane	6.20	62	60218	19.272	ug/l	99
43) Isopropyl Acetate	6.45	43	124802	20.401	ug/l	100
44) Trichloroethene	7.21	130	40149	19.778	ug/l	95
45) 1,2-Dichloropropane	7.51	63	47757	19.197	ug/l	98
46) Dibromomethane	7.66	93	27065	18.758	ug/l	96
47) Bromodichloromethane	7.90	83	53468	19.654	ug/l	98
48) Methyl methacrylate	7.77	41	62823	20.302	ug/l	100
49) 1,4-Dioxane	7.74	88	20653	356.282	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	402785	102.283	ug/l	99
52) Toluene	8.79	92	100800	19.617	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61333	20.127	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68261	19.604	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41572	20.155	ug/l	96
56) Ethyl methacrylate	9.18	69	74431	19.944	ug/l	99
57) 1,3-Dichloropropane	9.37	76	73588	19.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	171199	89.841	ug/l	98
59) 2-Hexanone	9.49	43	309568	101.154	ug/l	100
60) Dibromochloromethane	9.58	129	39183	20.160	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42306	19.702	ug/l	98
64) Tetrachloroethene	9.34	164	35753	20.616	ug/l	98
65) Chlorobenzene	10.14	112	102187	19.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37131	20.398	ug/l	98
67) Ethyl Benzene	10.25	91	189388	19.574	ug/l	97
68) m/p-Xylenes	10.36	106	136778	39.318	ug/l	97
69) o-Xylene	10.70	106	66434	19.706	ug/l	99
70) Styrene	10.71	104	114858	19.764	ug/l	100
71) Bromoform	10.85	173	28714	20.654	ug/l #	98
73) Isopropylbenzene	11.02	105	178805	20.051	ug/l	100
74) N-amyl acetate	10.90	43	108975	20.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67597	19.932	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	77527	26.227	ug/l	82
77) Bromobenzene	11.26	156	43242	20.171	ug/l	96
78) n-propylbenzene	11.36	91	202259	19.480	ug/l	99
79) 2-Chlorotoluene	11.42	91	120089	19.112	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	150582	20.117	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21549	20.095	ug/l	100
82) 4-Chlorotoluene	11.51	91	139414	19.168	ug/l	98
83) tert-Butylbenzene	11.77	119	146522	20.346	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	151388	19.974	ug/l	99
85) sec-Butylbenzene	11.94	105	171813	20.085	ug/l	99
86) p-Isopropyltoluene	12.06	119	155162	20.209	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75494	19.671	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75635	19.462	ug/l	100
89) n-Butylbenzene	12.38	91	143110	19.876	ug/l	99
90) Hexachloroethane	12.60	117	25444	19.981	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	74829	19.638	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15108	20.251	ug/l	98

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ClientSampleId :

Quant Time: Apr 14 04:14:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

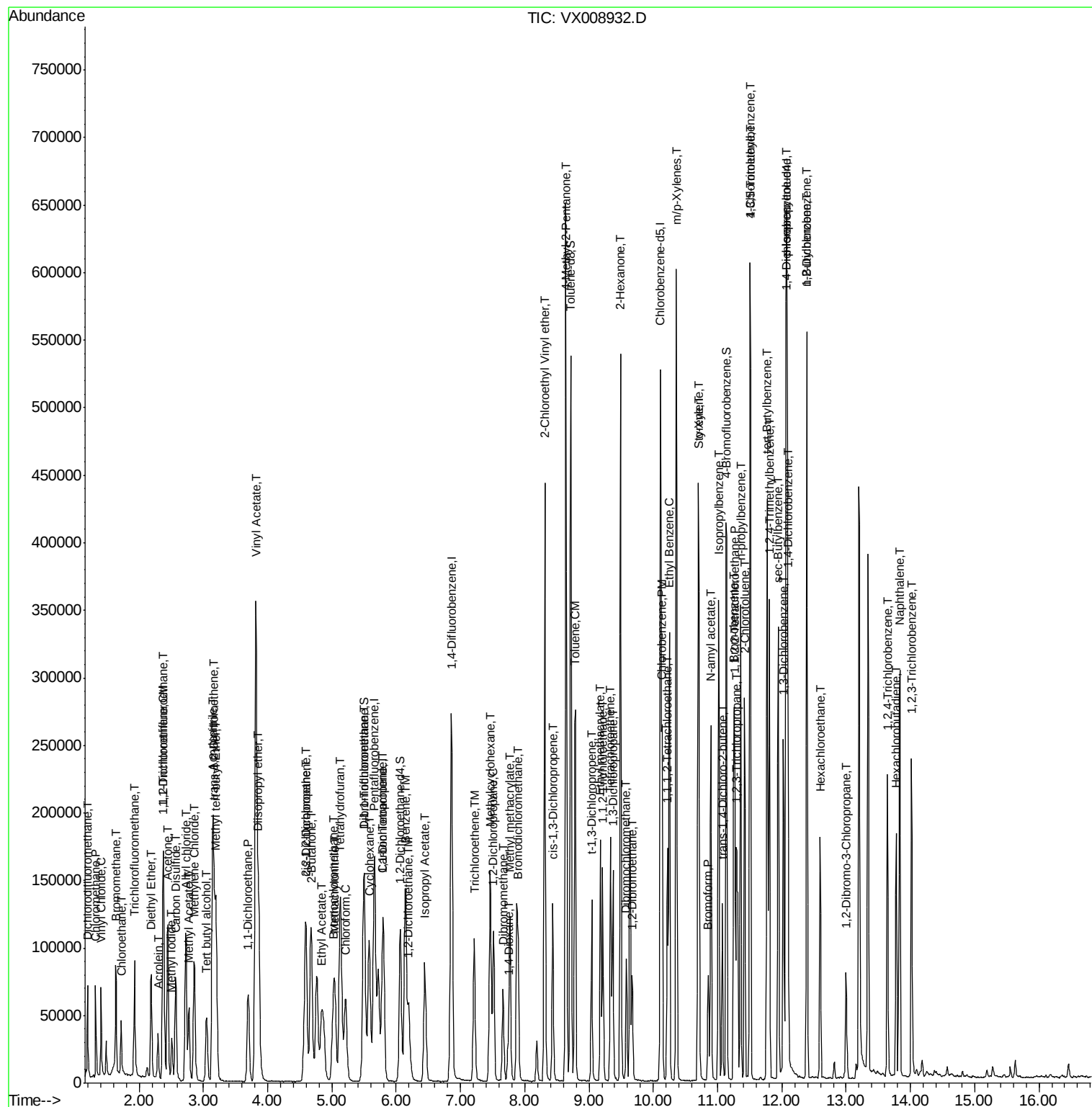
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53160	20.065	ug/l	98
94) Hexachlorobutadiene	13.78	225	26051	20.503	ug/l	98
95) Naphthalene	13.83	128	183246	20.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53144	20.076	ug/l	99

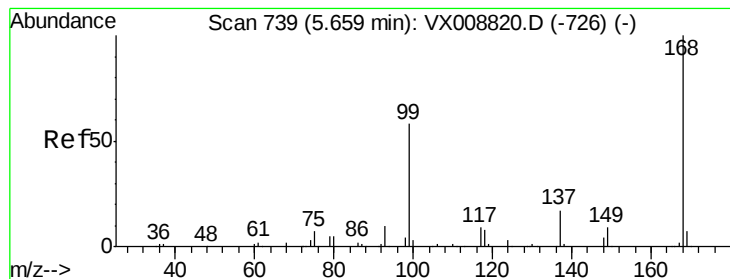
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008932.D
 Acq On : 13 Apr 2019 15:22
 Operator : JC/SP
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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

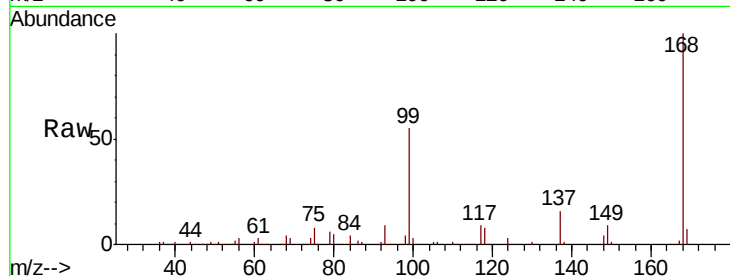
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 162113

Ion Ratio Lower Upper

168 100

99 55.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

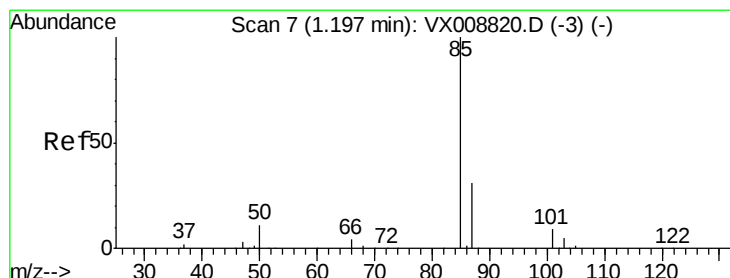
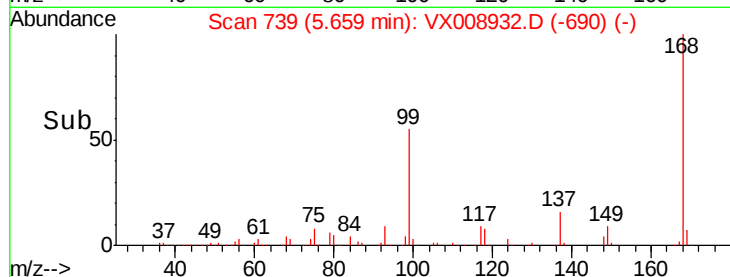
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.359 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008932.D

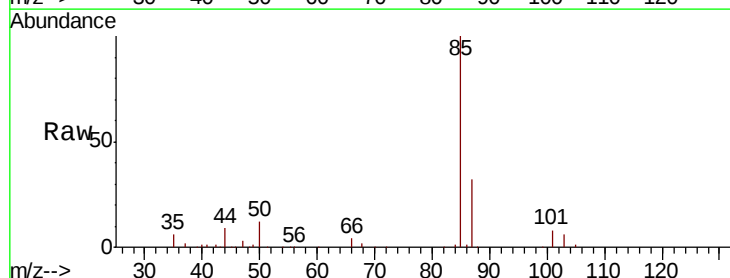
Acq: 13 Apr 2019 15:22

Tgt Ion: 85 Resp: 39857

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

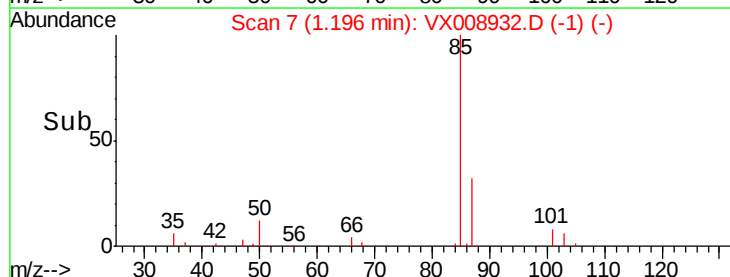
30000

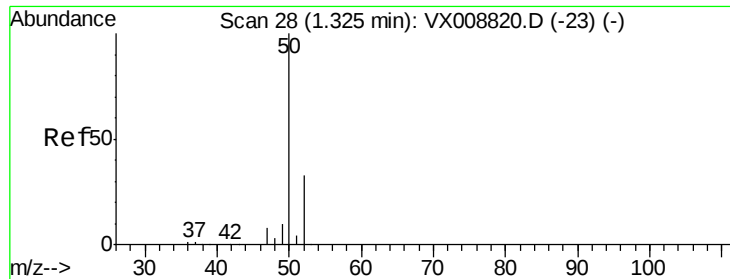
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.521 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

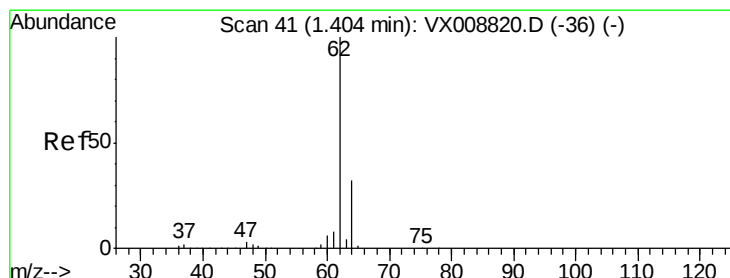
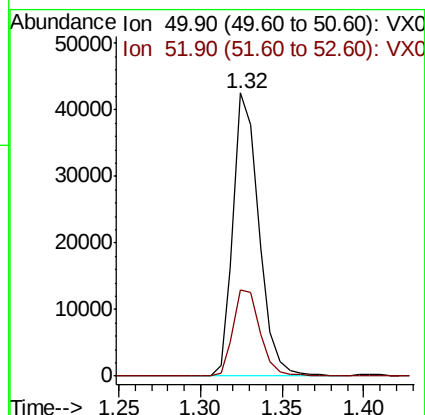
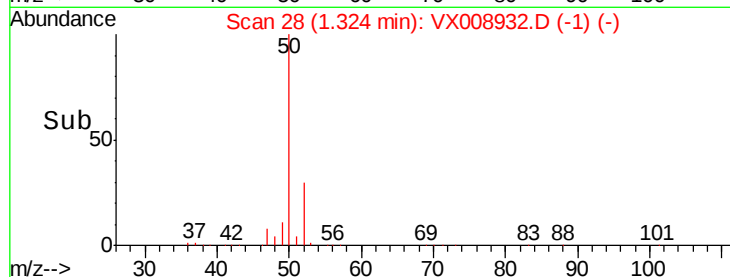
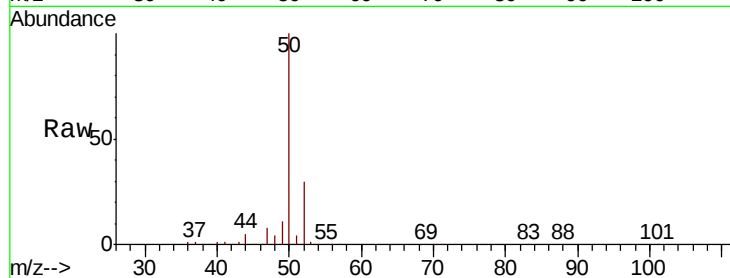
ClientSampleId :

Tot Ion: 50 Resp: 46998

Ion Ratio Lower Upper

50 100

52 30.3 25.8 38.8



#4

Vinyl Chloride

Concen: 18.403 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008932.D

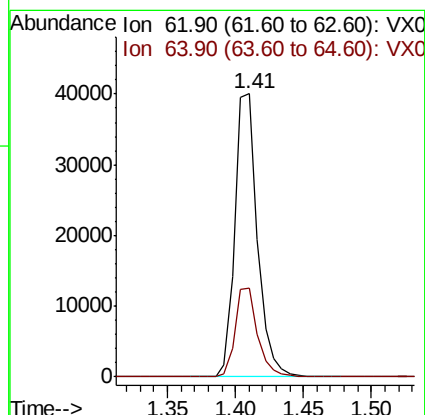
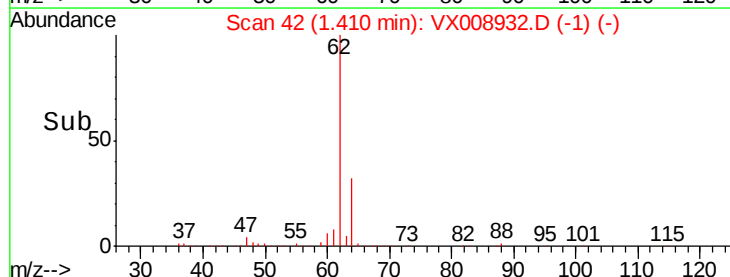
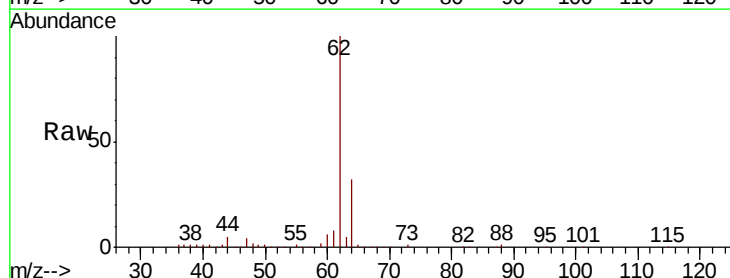
Acq: 13 Apr 2019 15:22

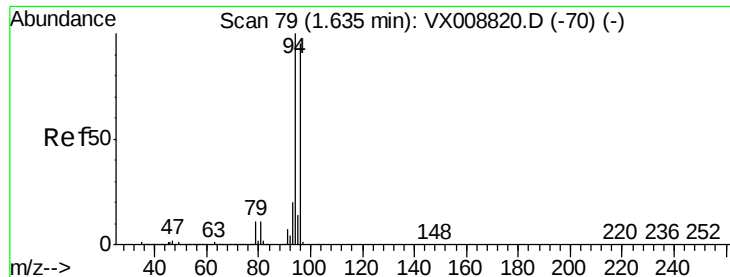
Tgt Ion: 62 Resp: 46422

Ion Ratio Lower Upper

62 100

64 31.4 24.7 37.1





#5

Bromomethane

Concen: 22.177 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

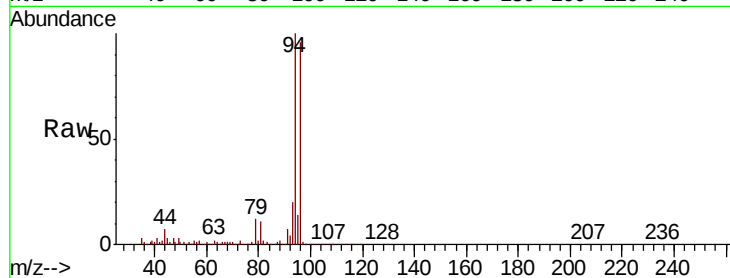
ClientSampleId :

Tot Ion: 94 Resp: 26203

Ion Ratio Lower Upper

94 100

96 95.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

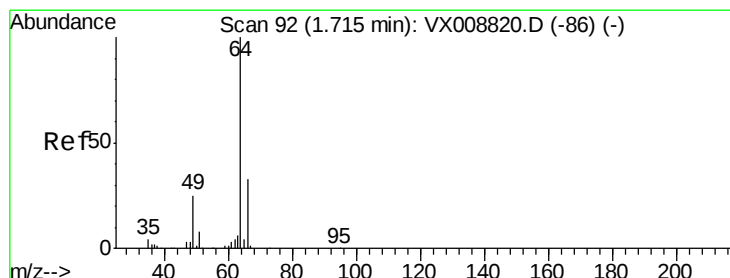
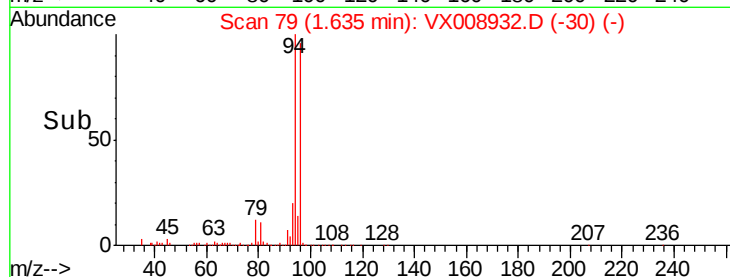
15000

10000

5000

0

Time--> 1.50 1.60 1.70



#6

Chloroethane

Concen: 19.069 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008932.D

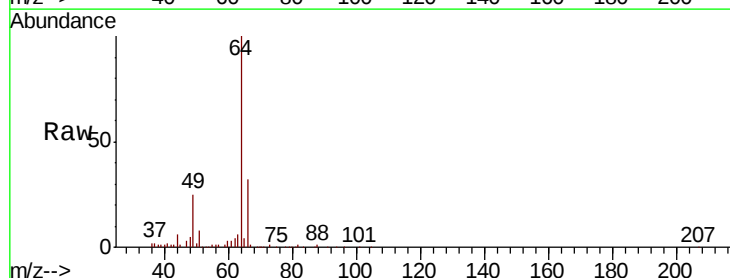
Acq: 13 Apr 2019 15:22

Tgt Ion: 64 Resp: 28851

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

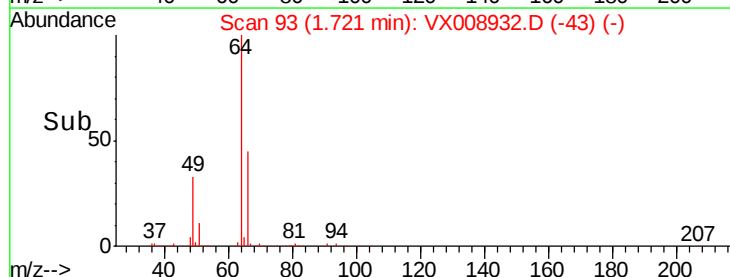
15000

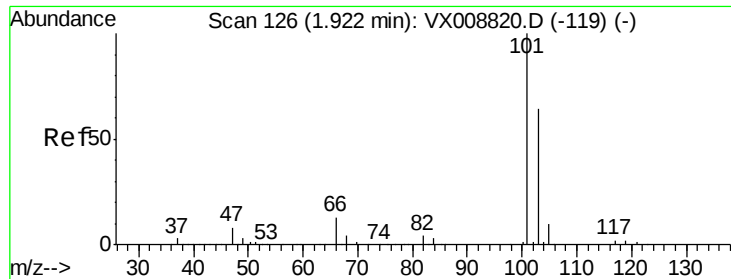
10000

5000

0

Time--> 1.65 1.70 1.75 1.80



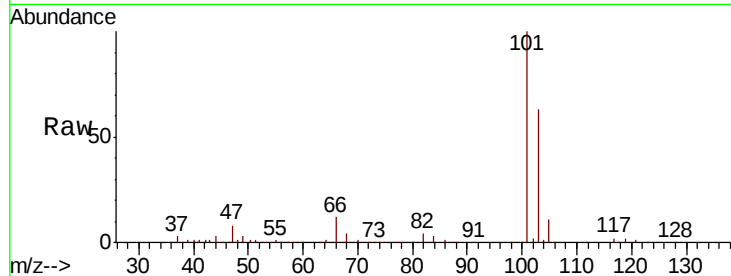


#7

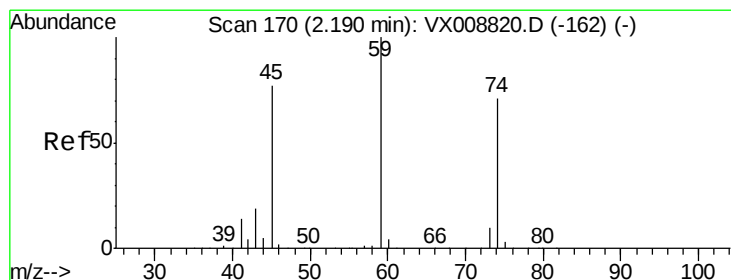
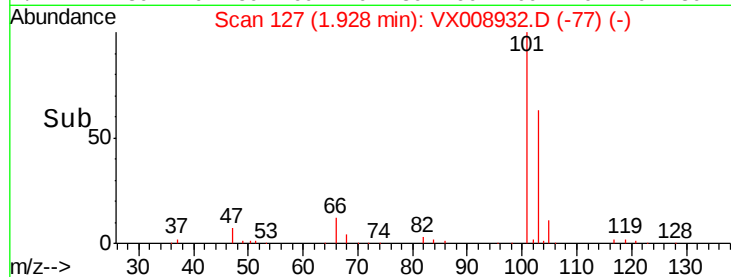
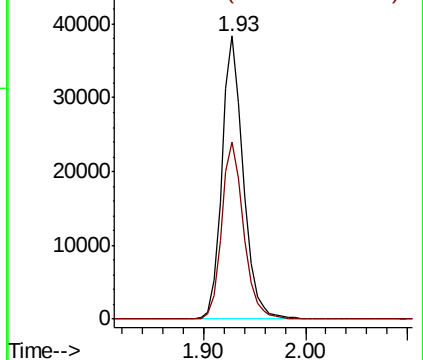
Trichlorofluoromethane
Concen: 20.025 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 55840
Ion Ratio Lower Upper
101 100
103 62.6 52.3 78.5



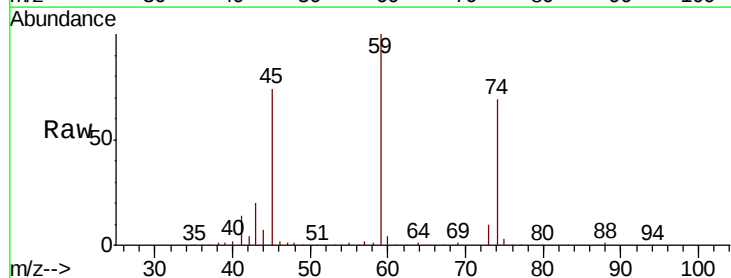
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



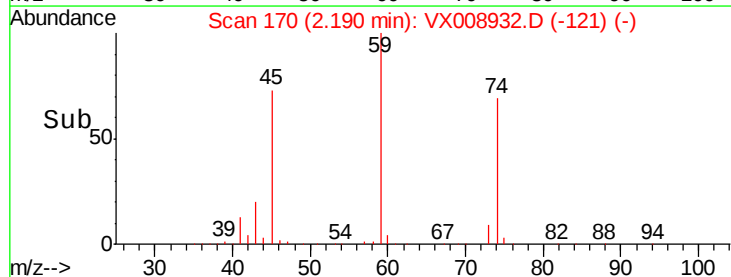
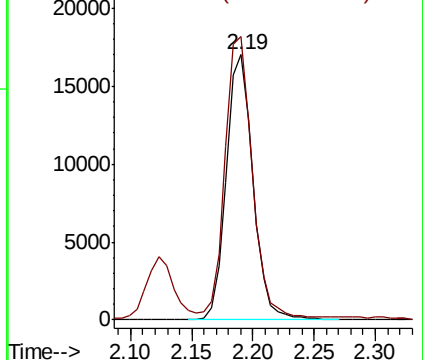
#8

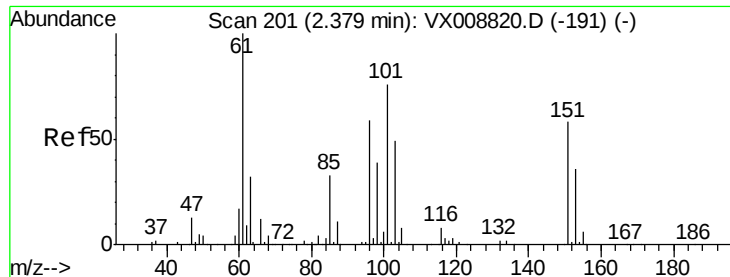
Diethyl Ether
Concen: 19.353 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 74 Resp: 25592
Ion Ratio Lower Upper
74 100
45 107.4 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.276 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

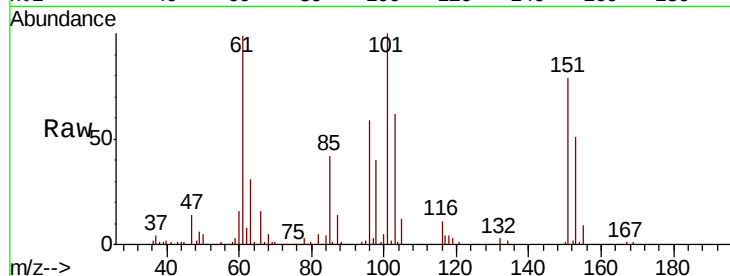
Tot Ion:101 Resp: 34606

Ion Ratio Lower Upper

101 100

85 43.1 36.0 54.0

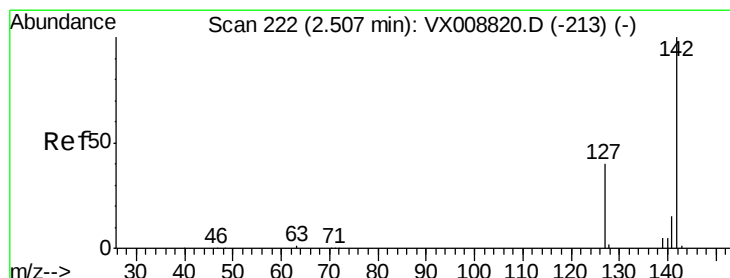
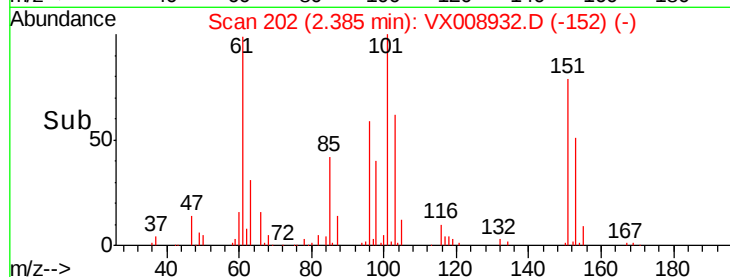
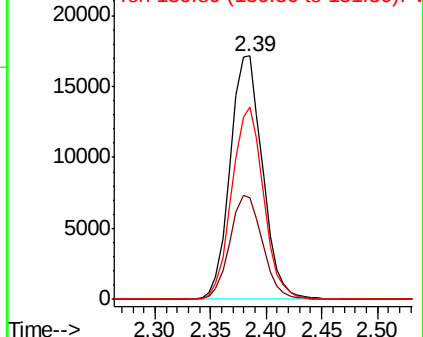
151 77.5 59.9 89.9



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: 23.149 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

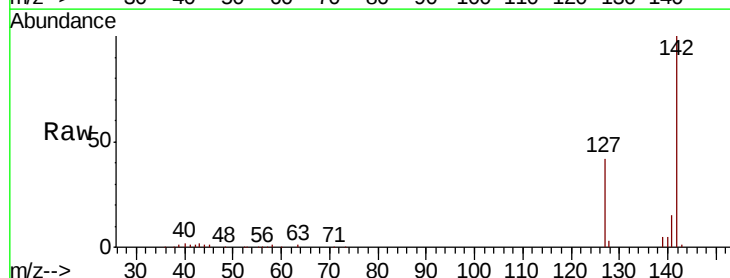
Tgt Ion:142 Resp: 34030

Ion Ratio Lower Upper

142 100

127 40.1 33.0 49.6

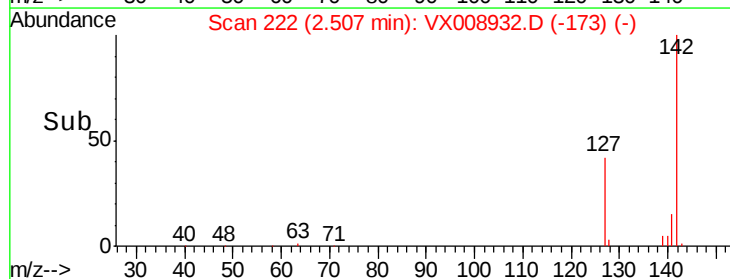
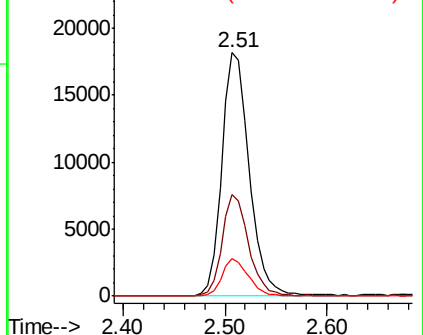
141 14.6 11.4 17.2

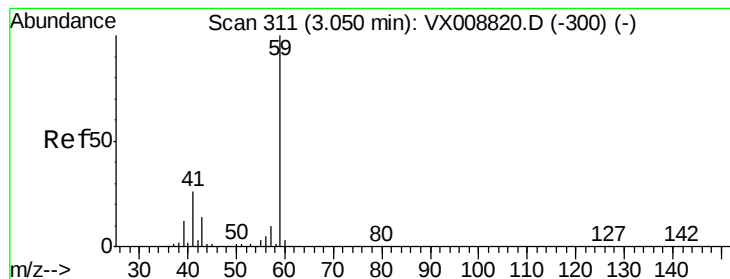


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



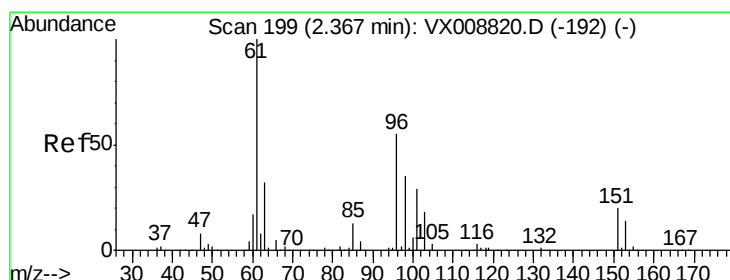
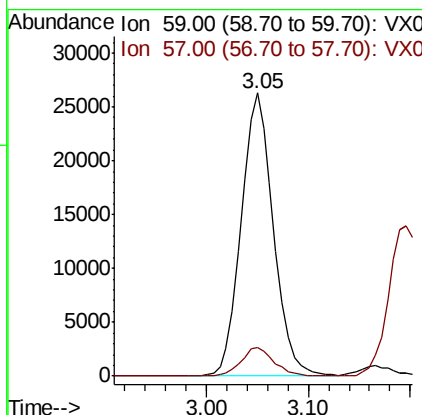
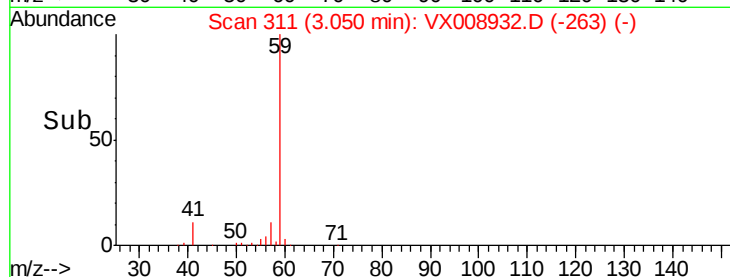
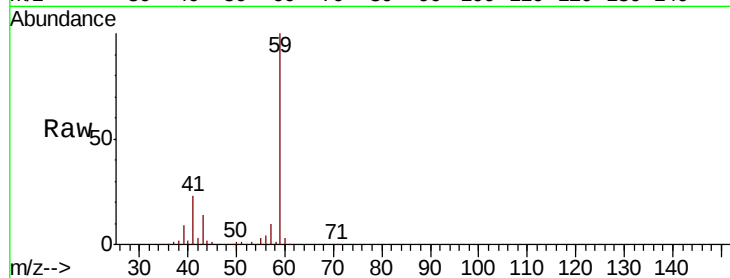


#11

Tert butyl alcohol
 Concen: 103.856 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :

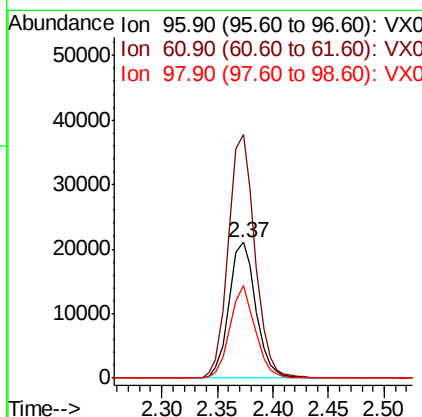
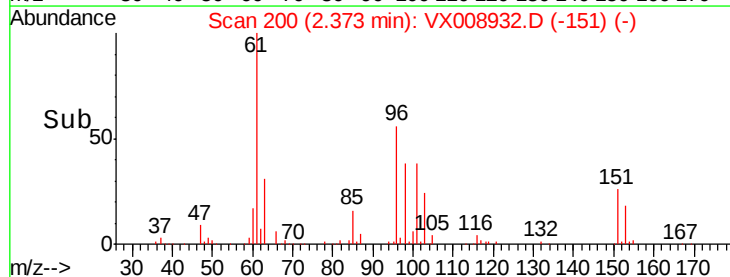
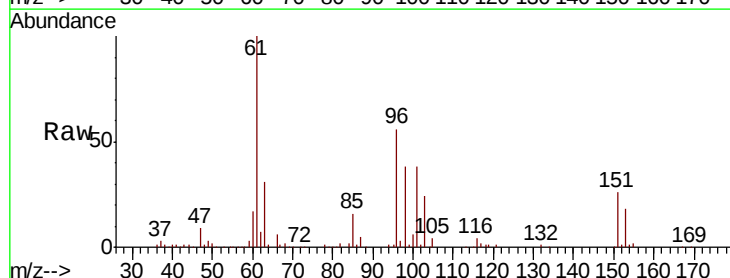
Tot Ion: 59 Resp: 57491
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

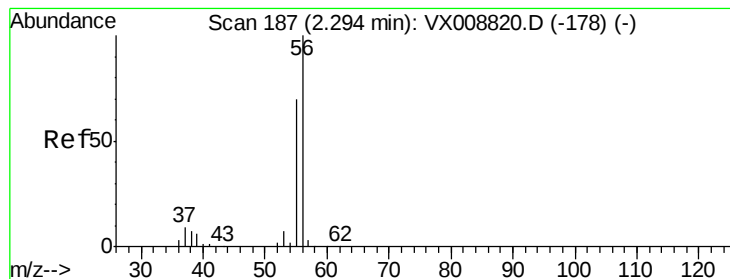


#12

1,1-Dichloroethene
 Concen: 18.788 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Tgt Ion: 96 Resp: 35212
 Ion Ratio Lower Upper
 96 100
 61 179.1 140.9 211.3
 98 68.3 52.1 78.1





#13

Acrolein

Concen: 85.983 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

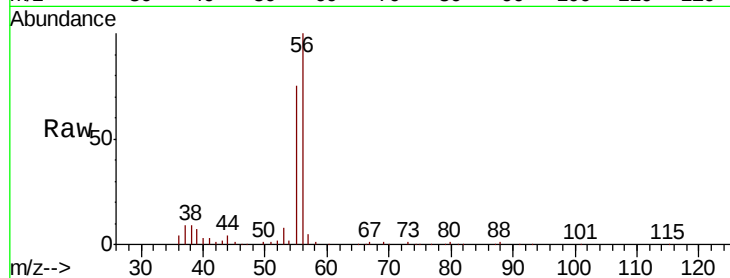
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 23601

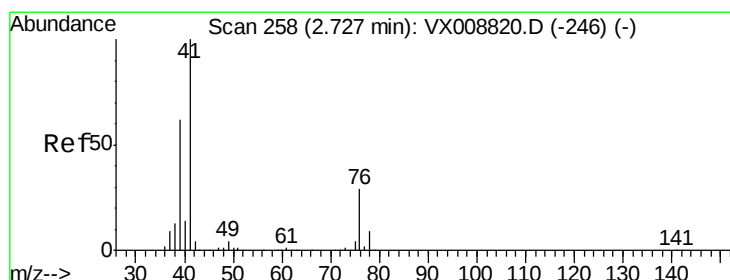
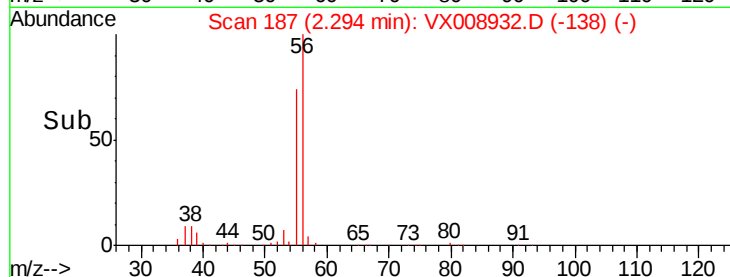
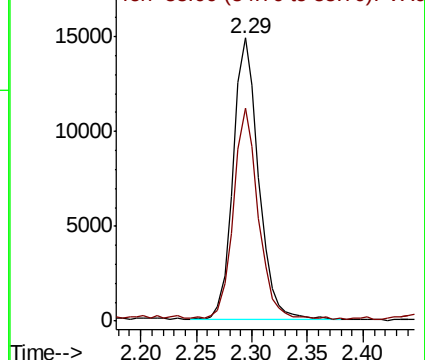
Ion Ratio Lower Upper

56 100

55 72.0 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.637 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

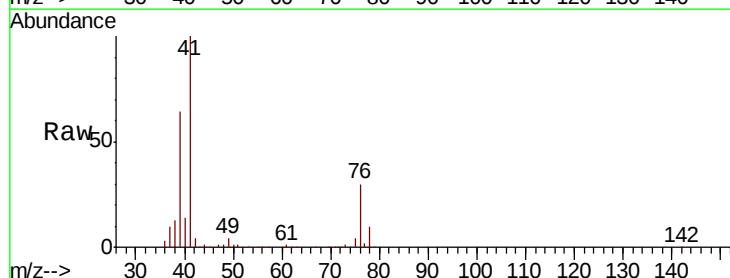
Tgt Ion: 41 Resp: 79961

Ion Ratio Lower Upper

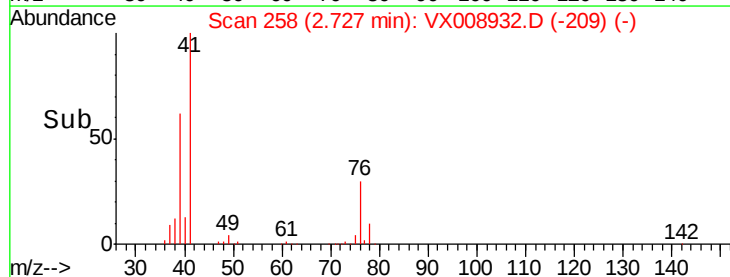
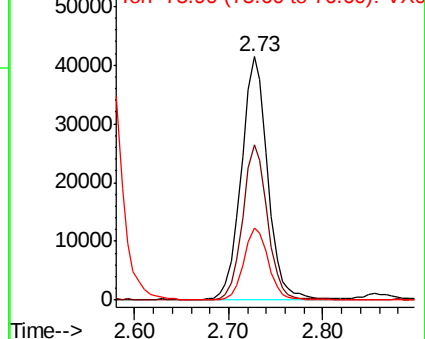
41 100

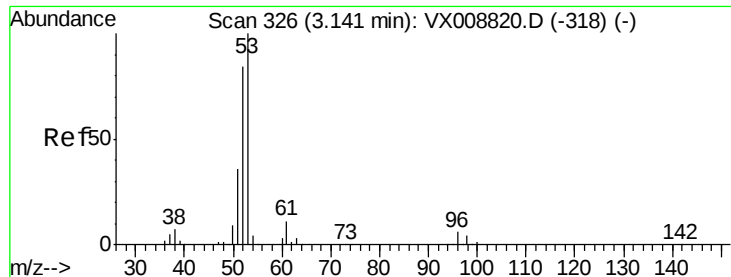
39 60.0 48.0 72.0

76 28.0 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.642 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

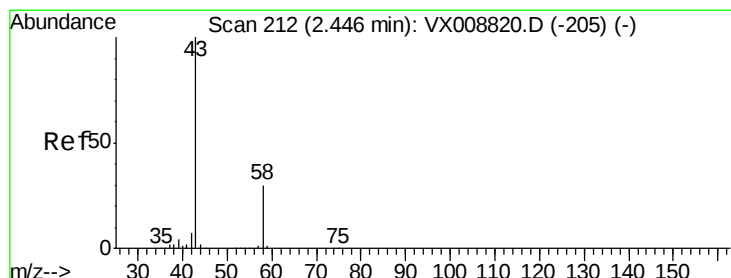
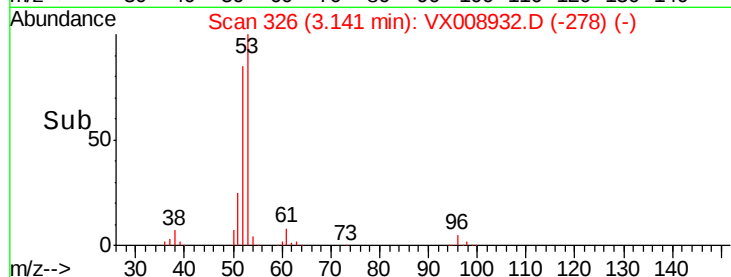
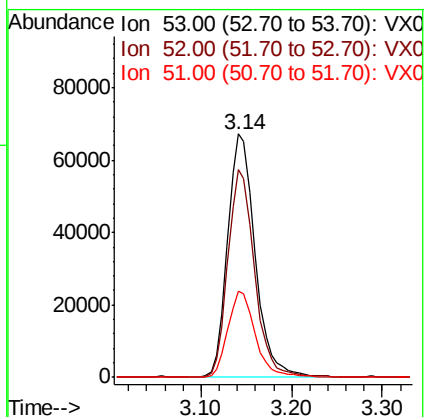
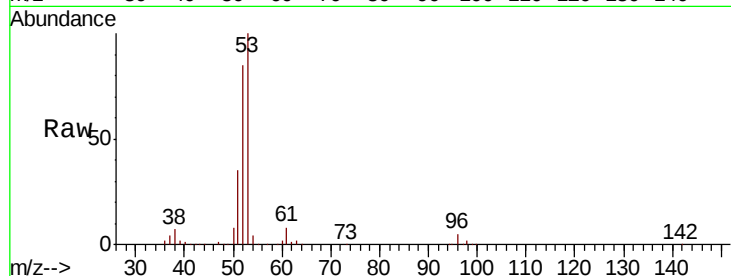
Tot Ion: 53 Resp: 141724

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 35.6 28.6 42.8



#16

Acetone

Concen: 92.646 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008932.D

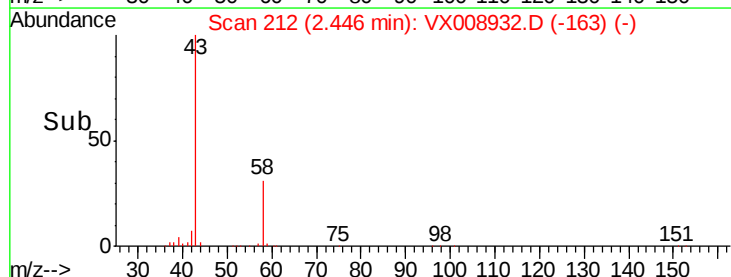
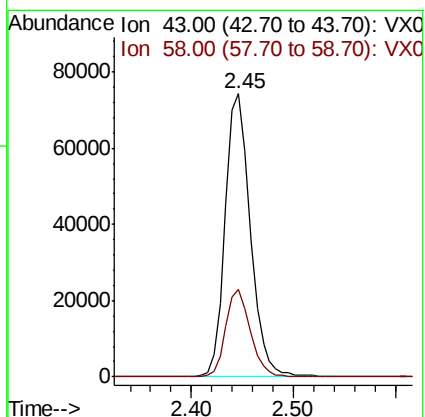
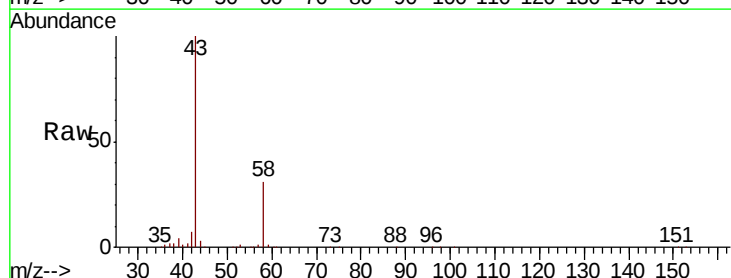
Acq: 13 Apr 2019 15:22

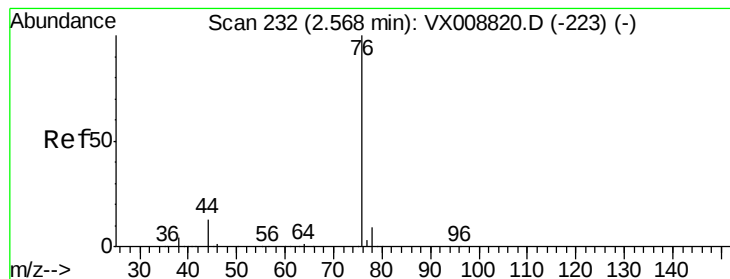
Tgt Ion: 43 Resp: 126173

Ion Ratio Lower Upper

43 100

58 30.8 24.8 37.2





#17

Carbon Disulfide

Concen: 18.161 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

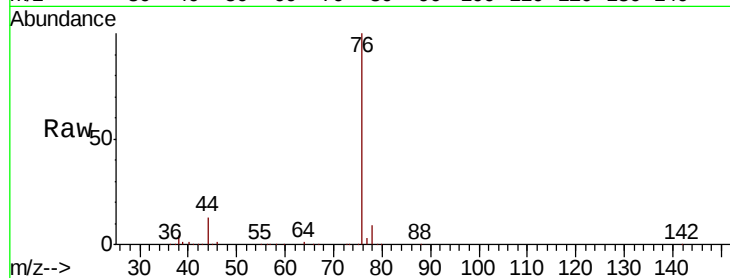
ClientSampleId :

Tot Ion: 76 Resp: 100837

Ion Ratio Lower Upper

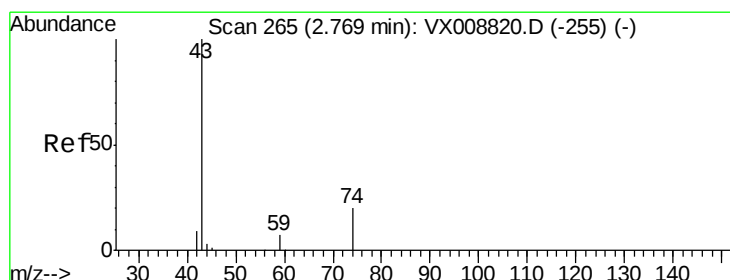
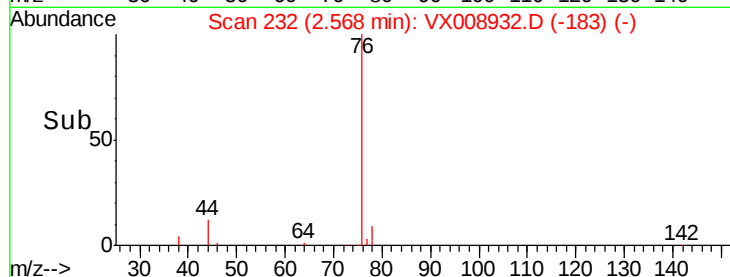
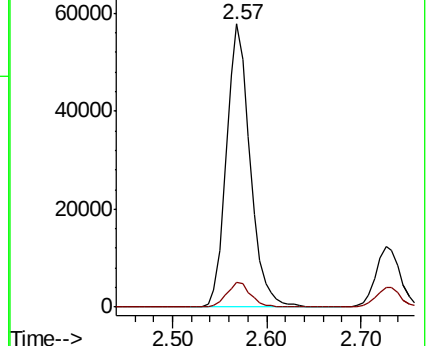
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.903 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008932.D

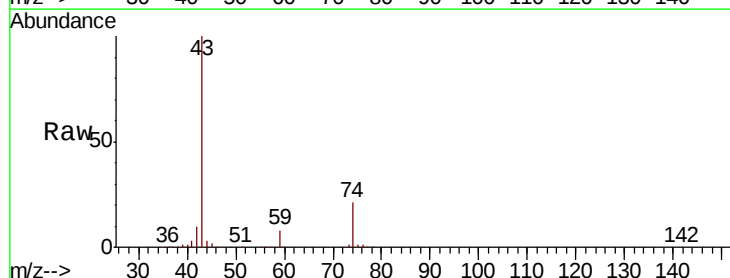
Acq: 13 Apr 2019 15:22

Tgt Ion: 43 Resp: 65740

Ion Ratio Lower Upper

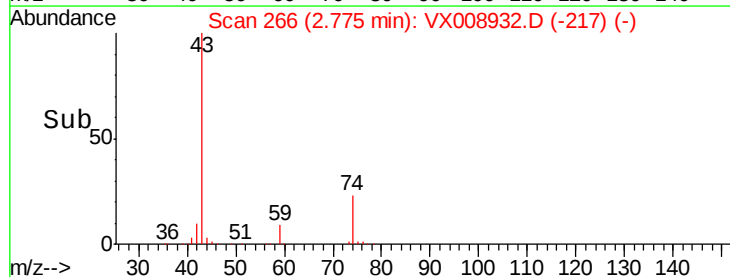
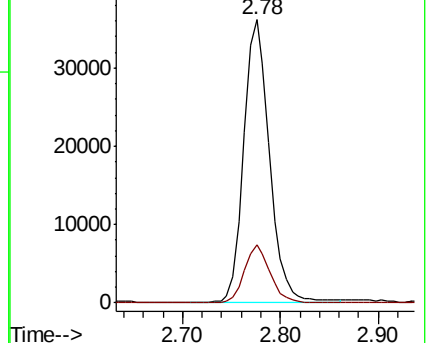
43 100

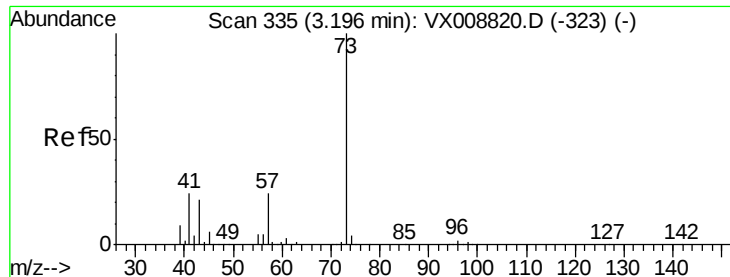
74 21.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

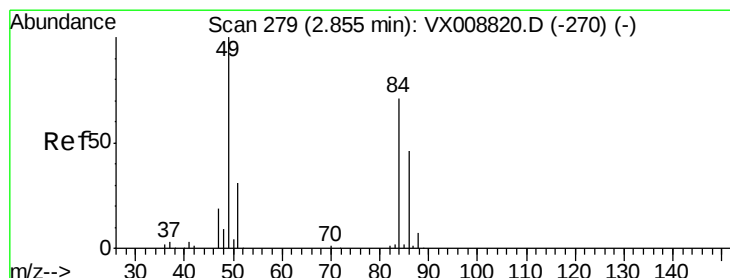
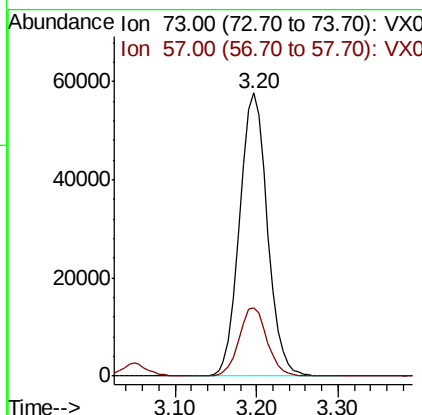
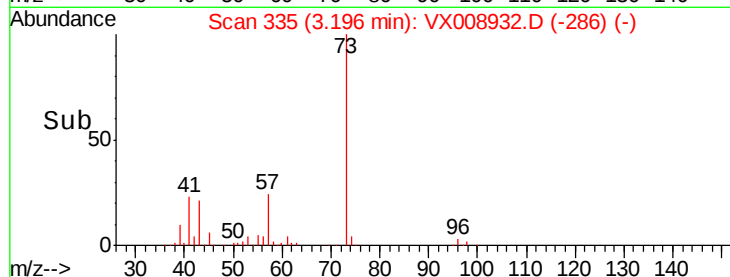
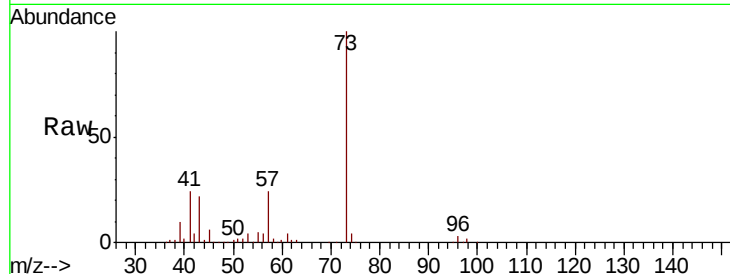




#19
Methyl tert-butyl Ether
Concen: 20.393 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

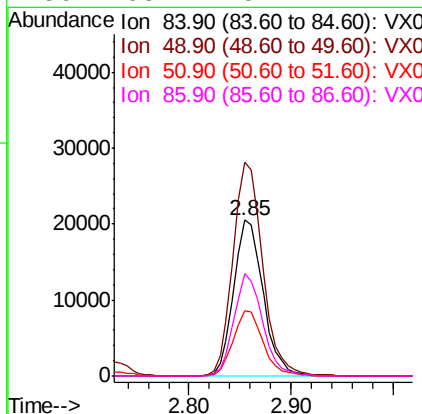
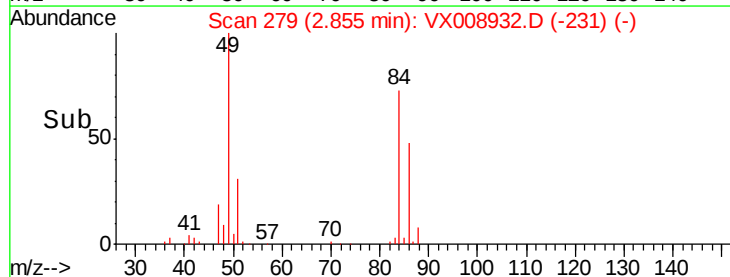
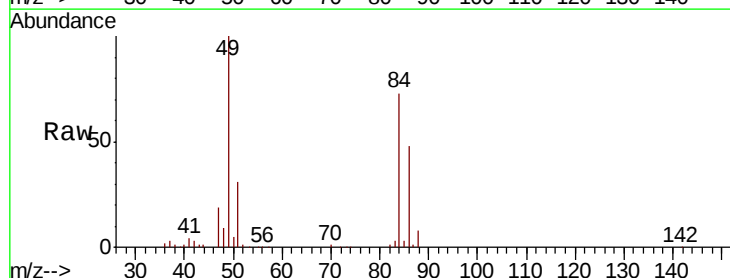
Instrument :
MSVOA_X
ClientSampleId :

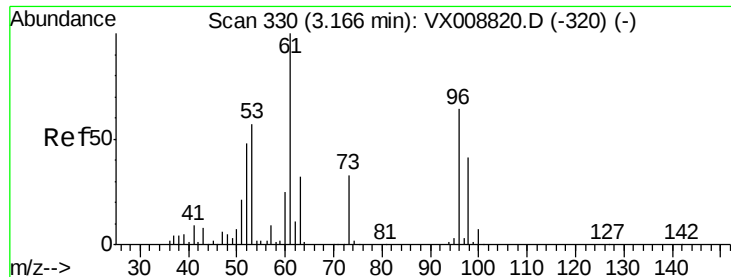
Tot Ion: 73 Resp: 136491
Ion Ratio Lower Upper
73 100
57 24.2 19.5 29.3



#20
Methylene Chloride
Concen: 17.964 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 84 Resp: 40952
Ion Ratio Lower Upper
84 100
49 136.8 109.7 164.5
51 42.2 33.6 50.4
86 65.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.730 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :

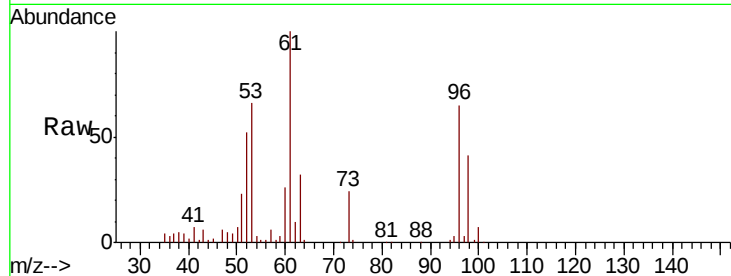
Tot Ion: 96 Resp: 37970

Ion Ratio Lower Upper

96 100

61 154.5 132.1 198.1

98 62.7 52.2 78.2

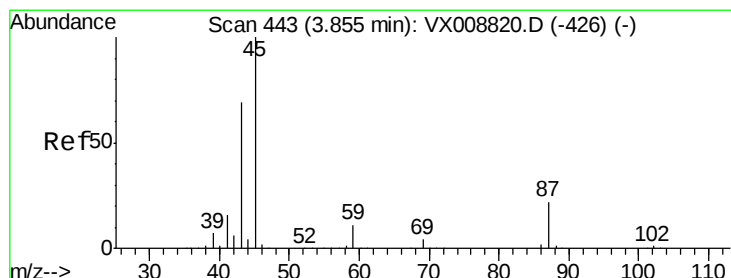
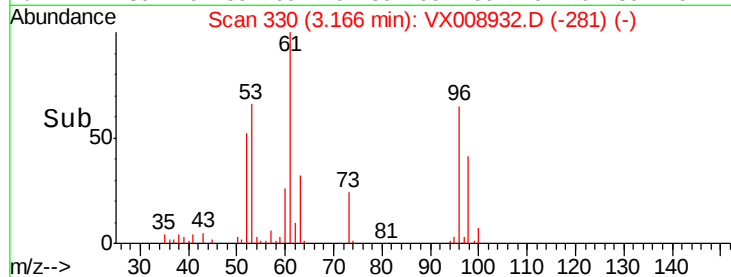
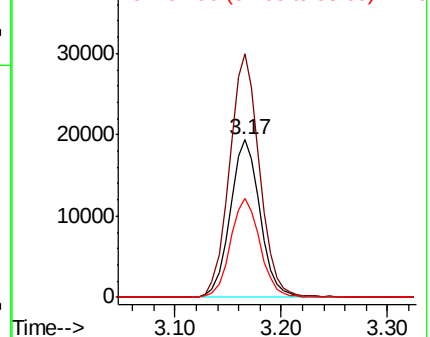


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.315 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Tgt Ion: 45 Resp: 159722

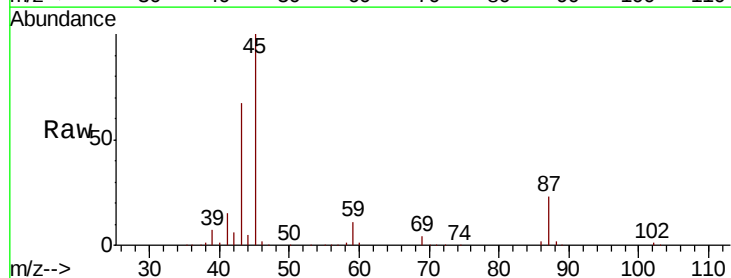
Ion Ratio Lower Upper

45 100

43 66.8 51.3 76.9

87 22.6 18.1 27.1

59 11.4 8.6 13.0



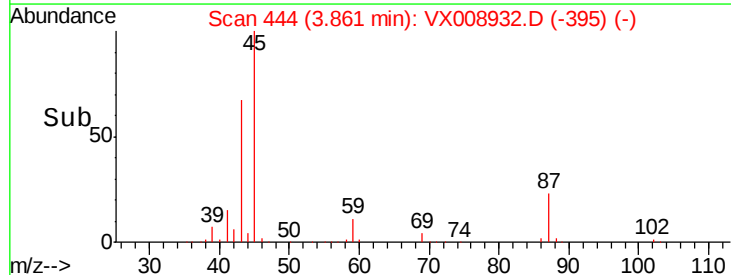
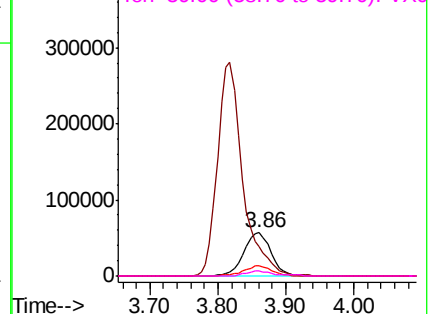
Abundance

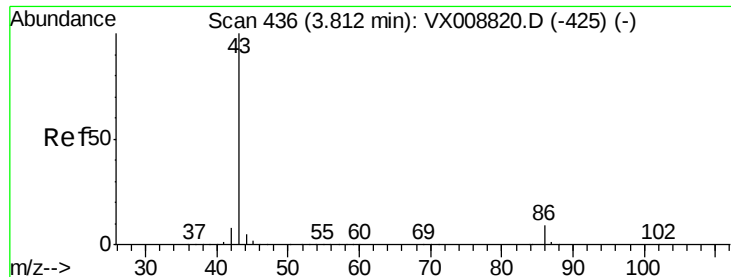
Ion 45.00 (44.70 to 45.70): VX0

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: 100.849 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

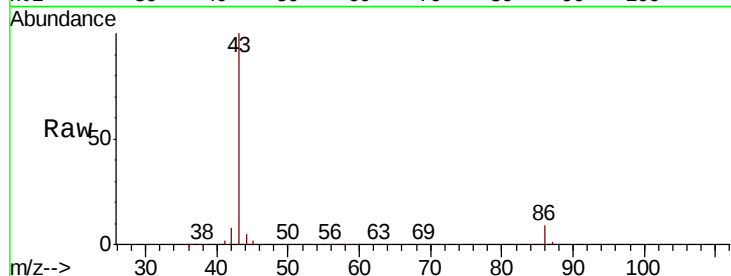
ClientSampleId :

Tot Ion: 43 Resp: 725494

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

300000

250000

200000

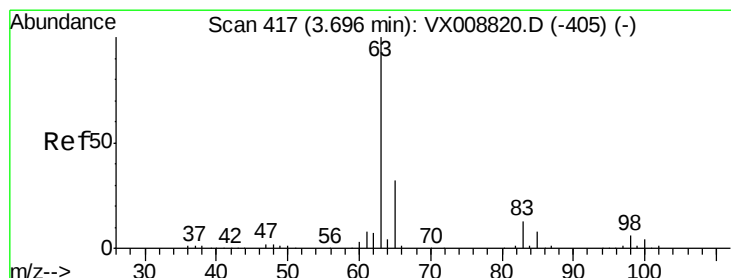
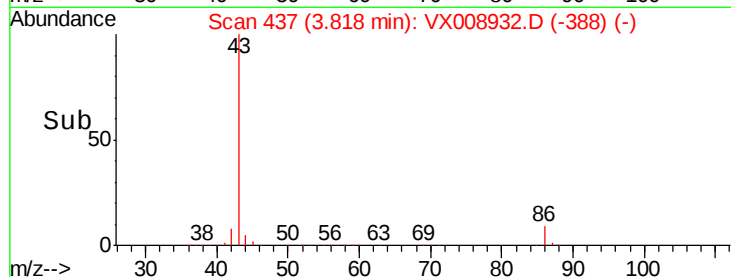
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.211 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

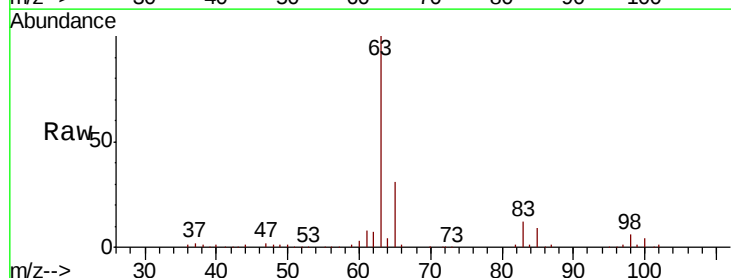
Tgt Ion: 63 Resp: 78655

Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.9 1.8 5.5



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

3.70

40000

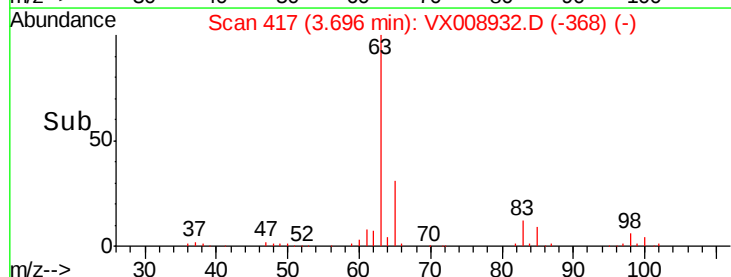
30000

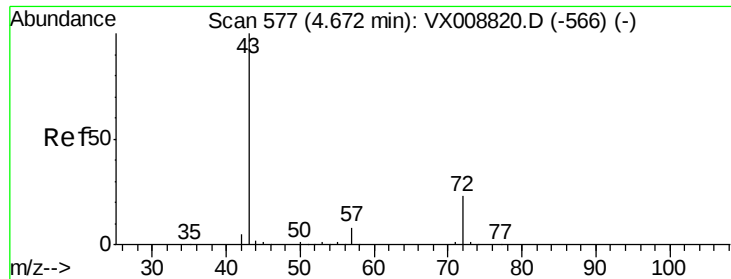
20000

10000

0

Time-->





#25

2-Butanone

Concen: 98.043 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

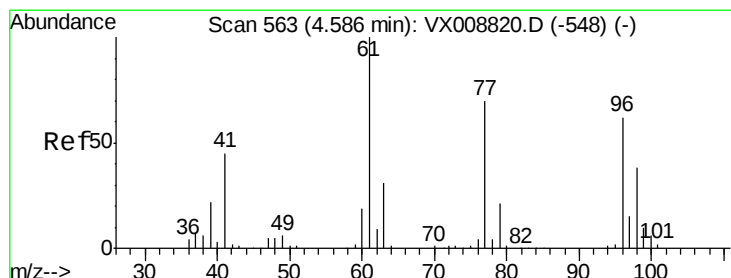
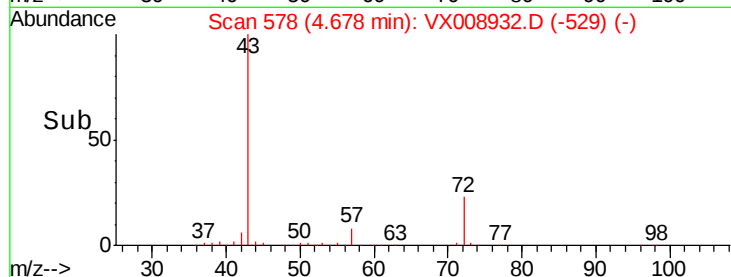
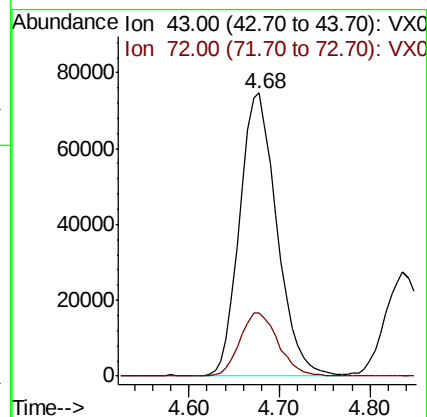
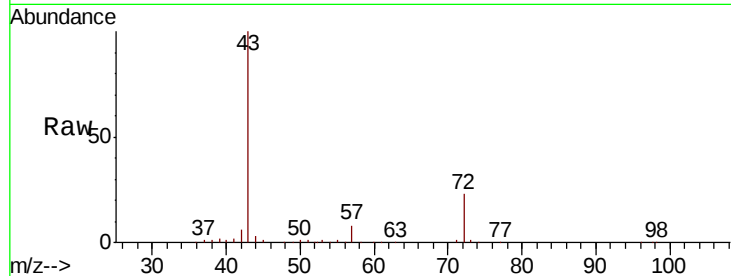
ClientSampleId :

Tot Ion: 43 Resp: 211039

Ion Ratio Lower Upper

43 100

72 22.4 18.2 27.4



#26

2,2-Dichloropropane

Concen: 18.527 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008932.D

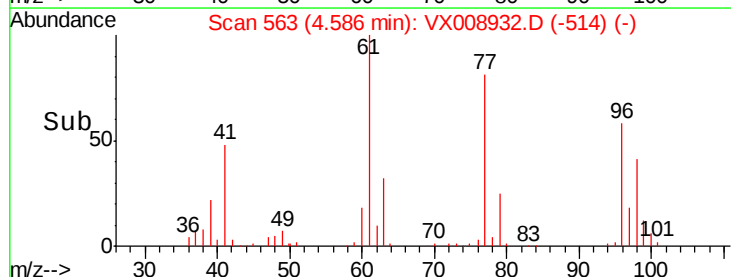
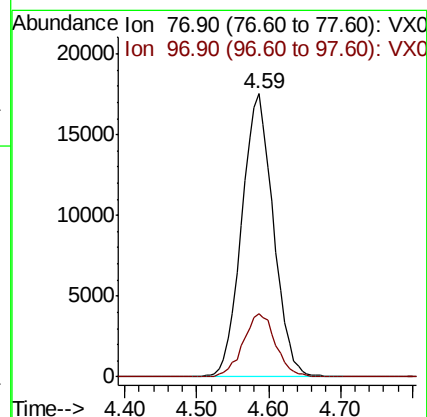
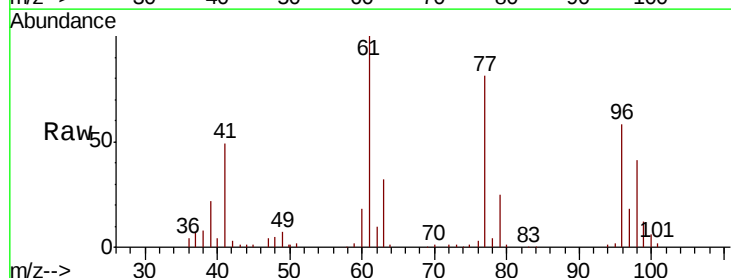
Acq: 13 Apr 2019 15:22

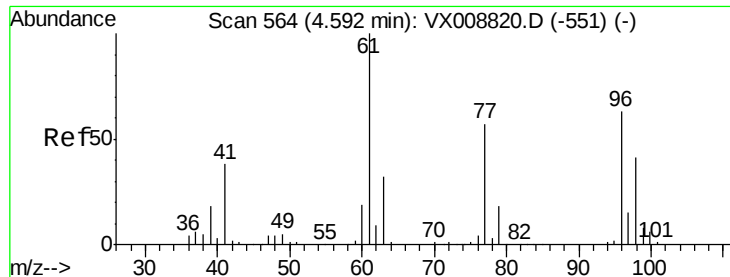
Tgt Ion: 77 Resp: 53427

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5



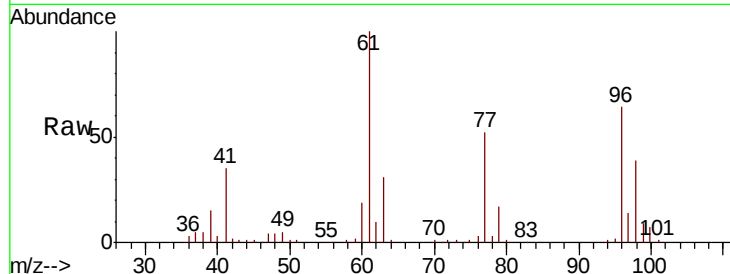


#27

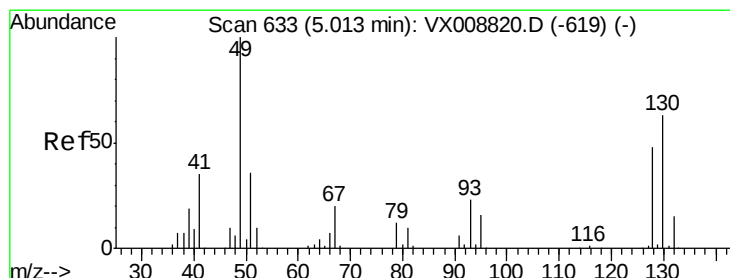
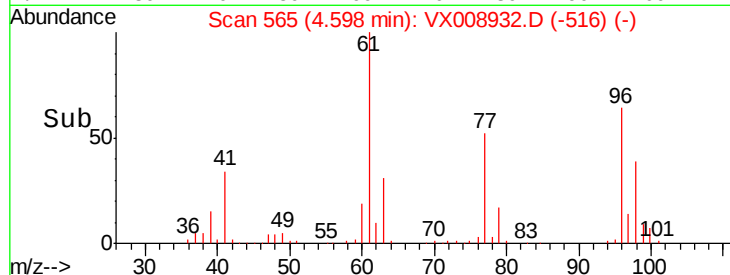
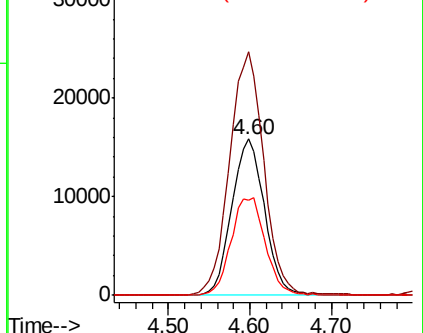
cis-1,2-Dichloroethene
Concen: 18.861 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	43961
Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	327.6
98	36.4	0.0	128.6



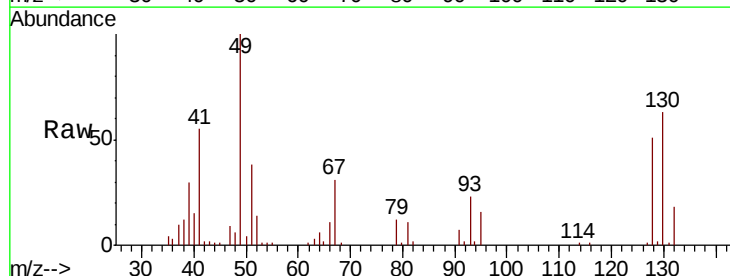
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



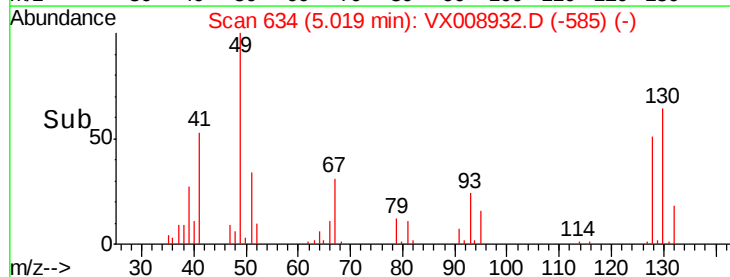
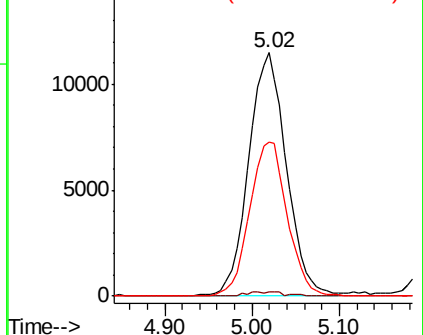
#28

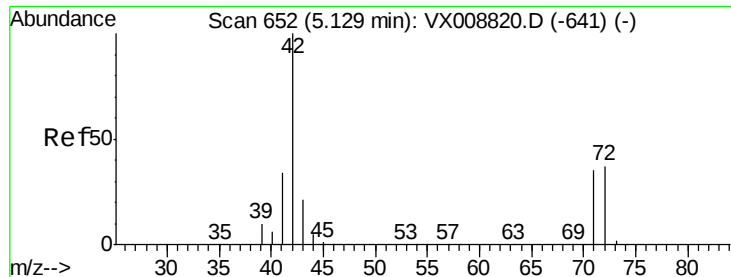
Bromochloromethane
Concen: 18.198 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion	49	Resp	34416
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	63.0	49.3	73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

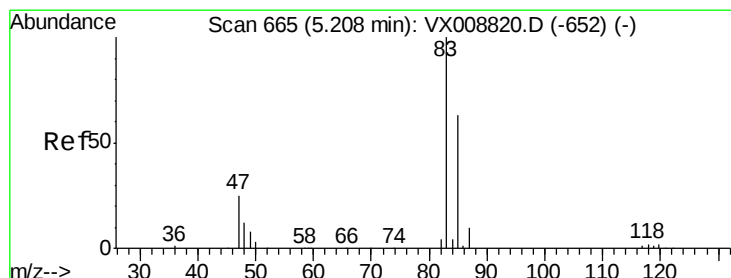
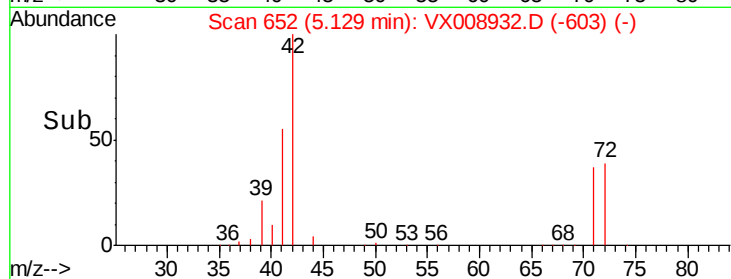
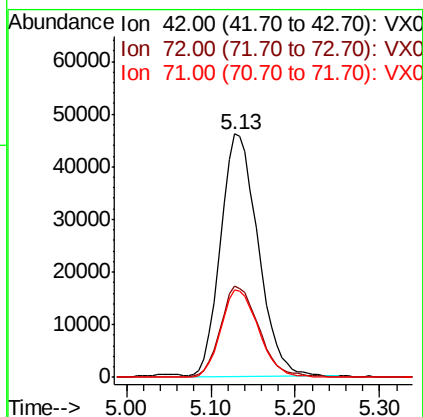
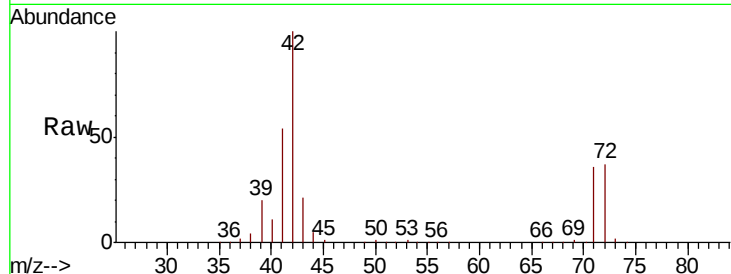




#29
Tetrahydrofuran
Concen: 98.045 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

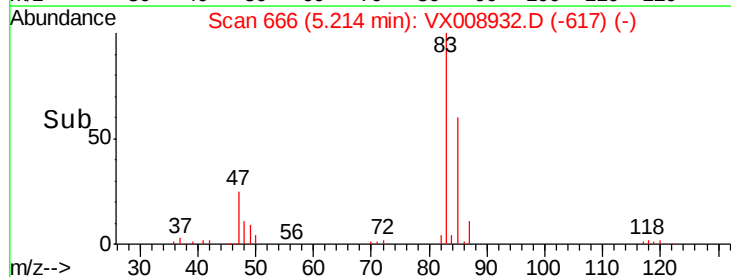
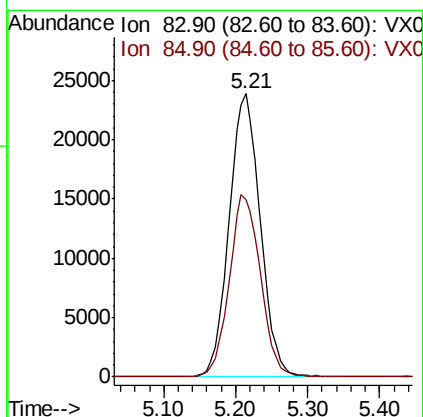
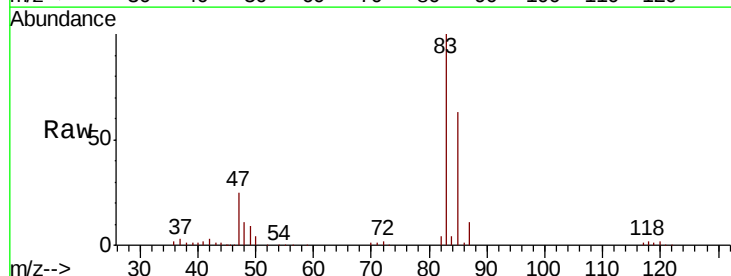
Instrument :
MSVOA_X
ClientSampleId :

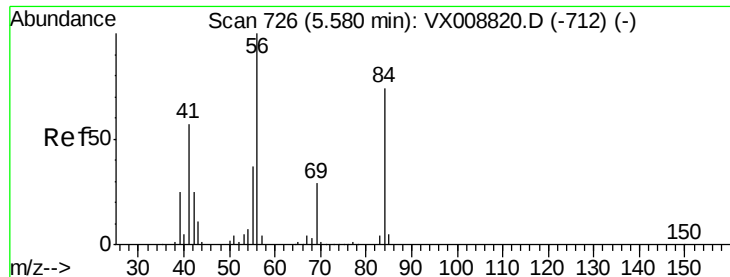
Tot Ion: 42 Resp: 140074
Ion Ratio Lower Upper
42 100
72 38.7 30.5 45.7
71 36.2 28.6 43.0



#30
Chloroform
Concen: 19.611 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 83 Resp: 71716
Ion Ratio Lower Upper
83 100
85 62.7 52.1 78.1

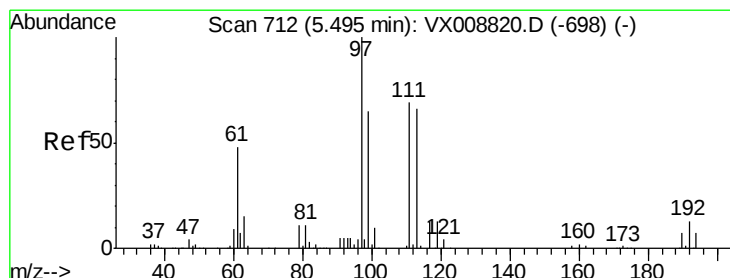
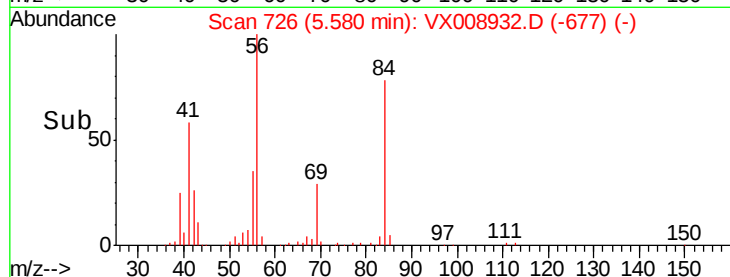
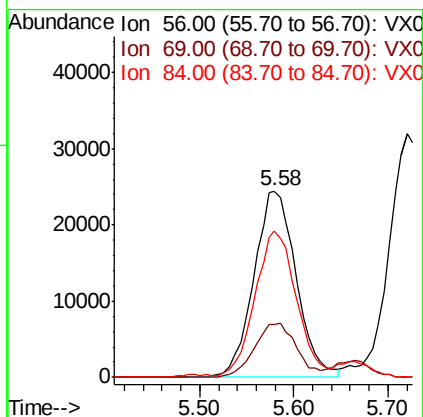
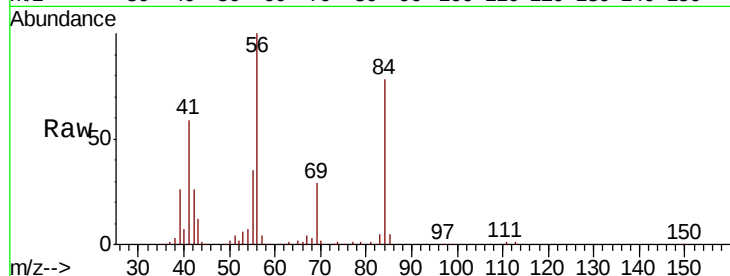




#31
Cyclohexane
Concen: 18.799 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

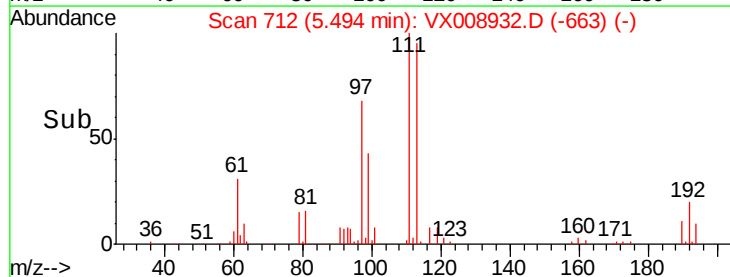
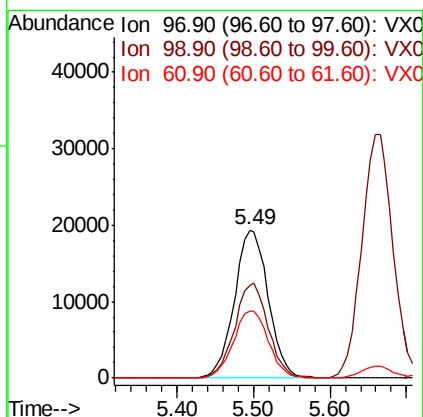
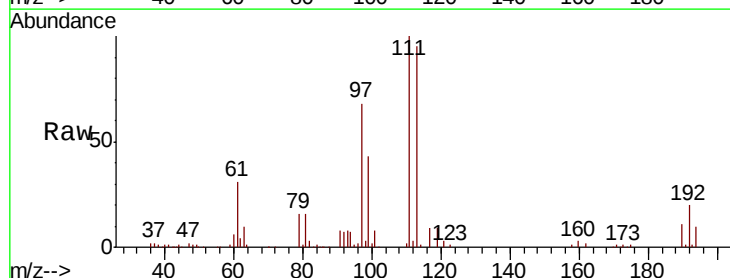
Instrument :
MSVOA_X
ClientSampleId :

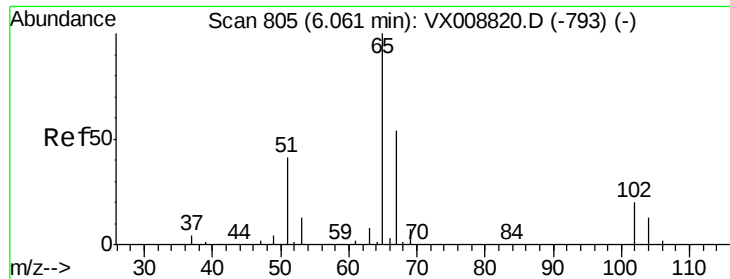
Tot Ion: 56 Resp: 76801
Ion Ratio Lower Upper
56 100
69 28.6 22.6 33.8
84 76.6 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 20.073 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 97 Resp: 59318
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 47.2 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 45.071 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

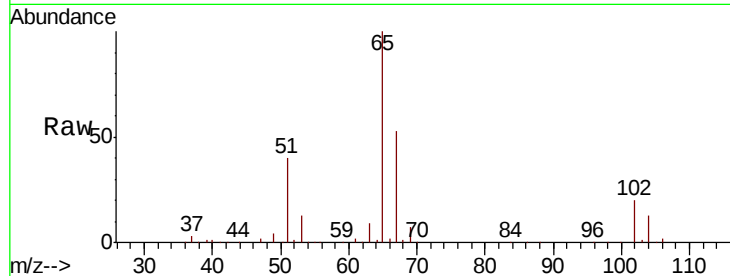
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 106570

Ion Ratio Lower Upper

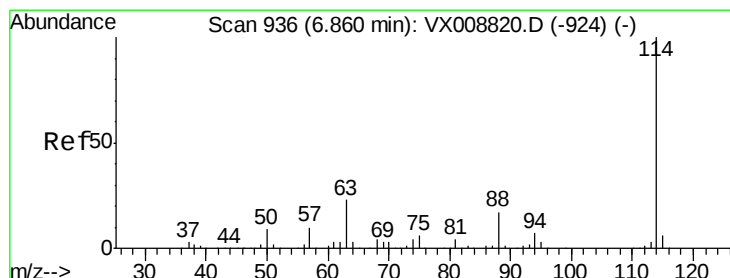
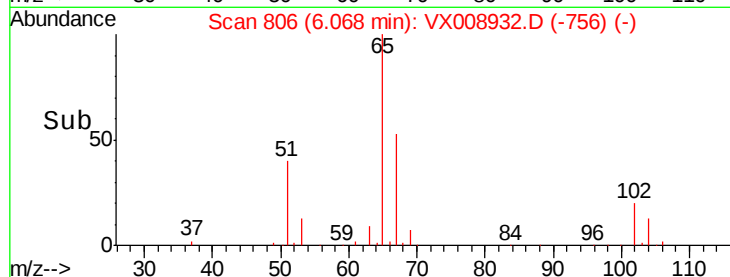
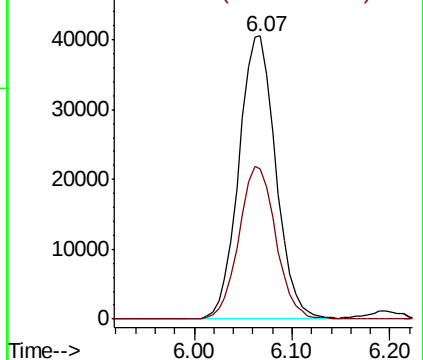
65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

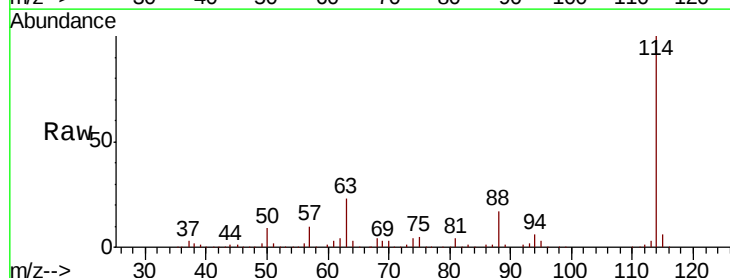
Tgt Ion:114 Resp: 267645

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

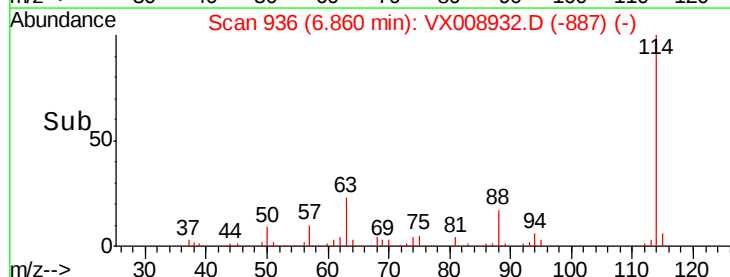
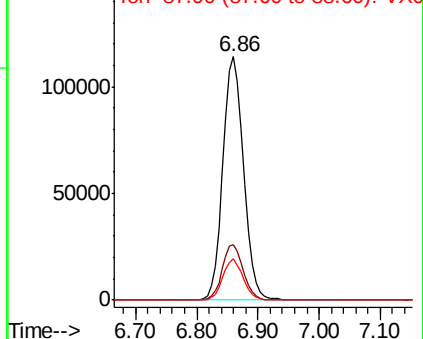
88 16.8 0.0 34.0

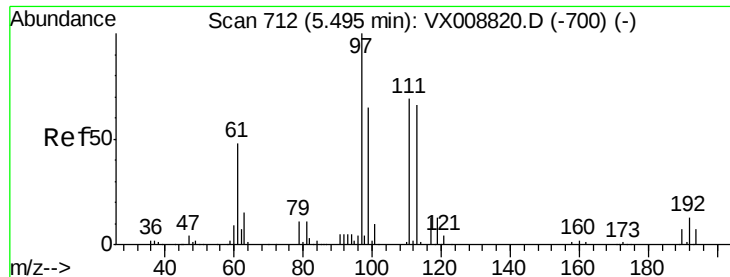


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.930 ug/l

RT: 5.50 min Scan# 713

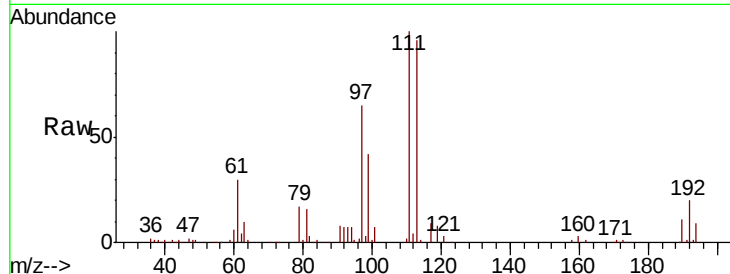
Delta R.T. -0.00 min

Lab File: VX008932.D

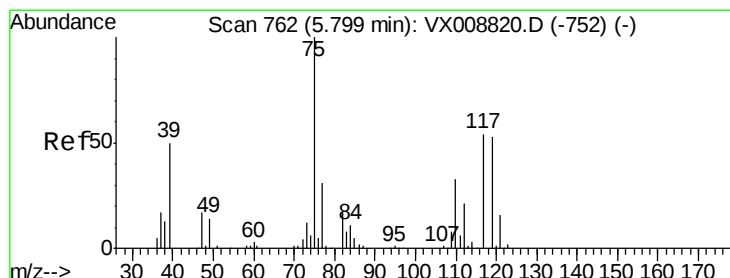
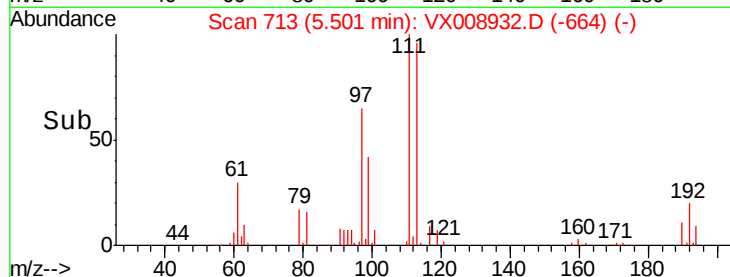
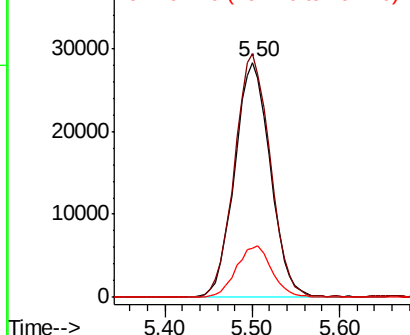
Acq: 13 Apr 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	80307
Ion	Ratio	Lower Upper
113	100	
111	104.3	83.4 125.2
192	21.7	16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.480 ug/l

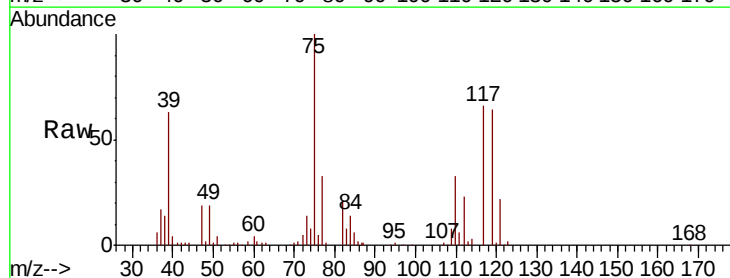
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

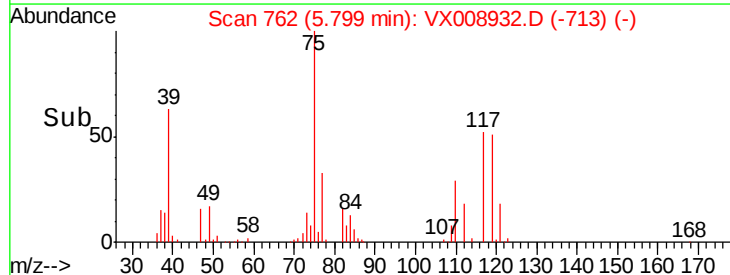
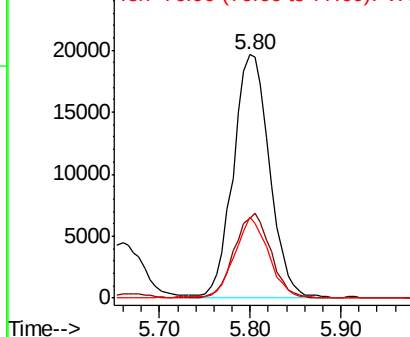
Lab File: VX008932.D

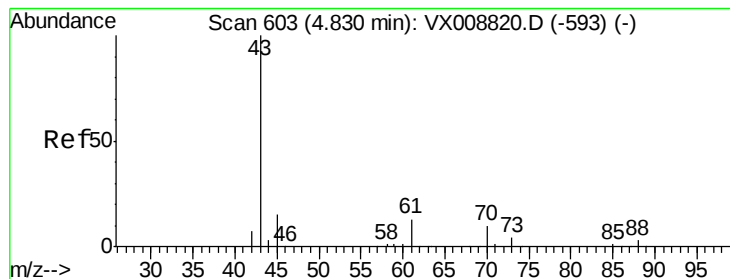
Acq: 13 Apr 2019 15:22

Tgt Ion: 75	Resp:	54065
Ion	Ratio	Lower Upper
75	100	
110	34.9	16.4 49.2
77	31.5	24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.528 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

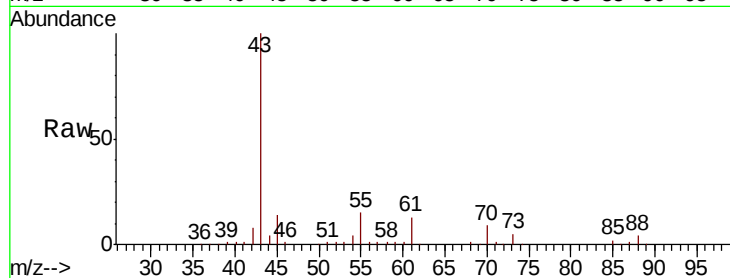
Tot Ion: 43 Resp: 80164

Ion Ratio Lower Upper

43 100

61 13.9 10.3 15.5

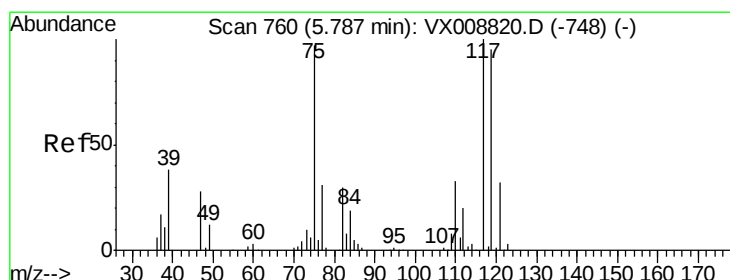
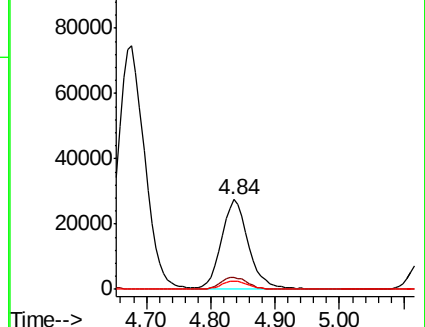
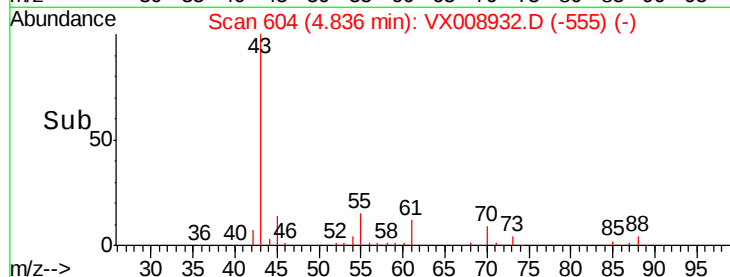
70 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX008820.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008820.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008820.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 20.030 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

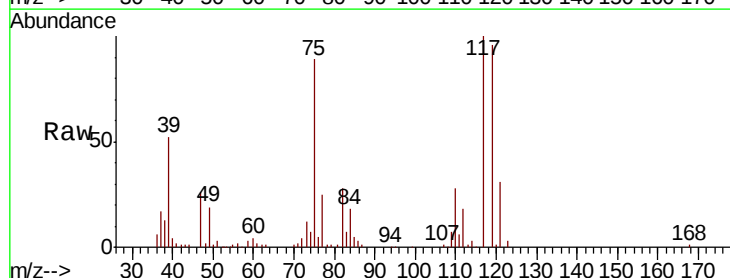
Tgt Ion: 117 Resp: 48502

Ion Ratio Lower Upper

117 100

119 96.2 75.0 112.6

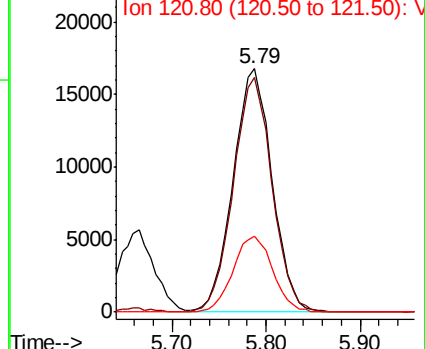
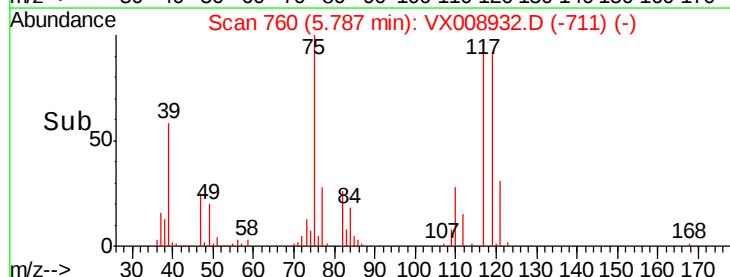
121 31.3 24.3 36.5

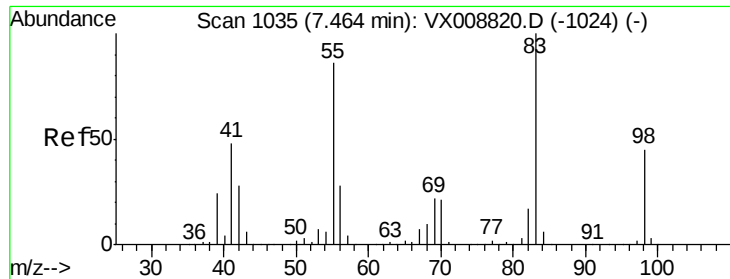


Abundance Ion 116.80 (116.50 to 117.50): VX008820.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX008820.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX008820.D (-748) (-)

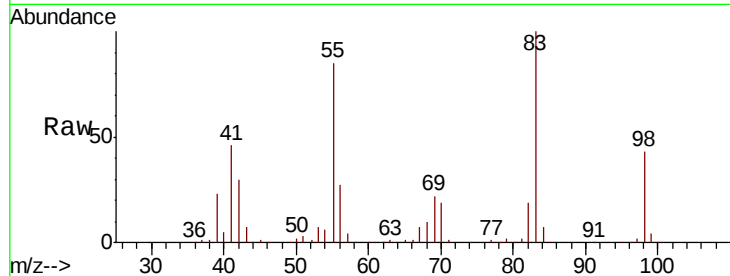




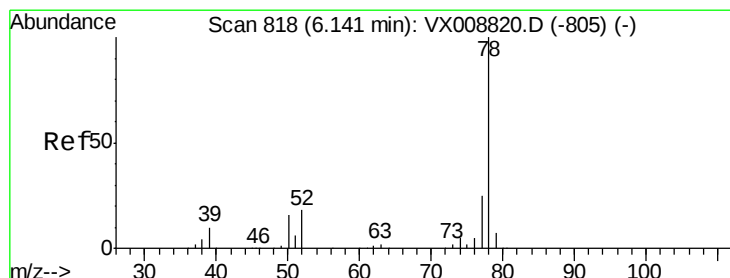
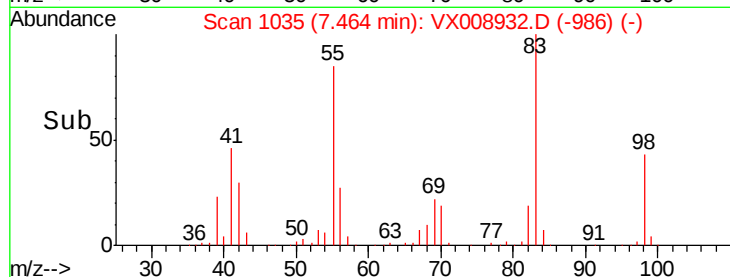
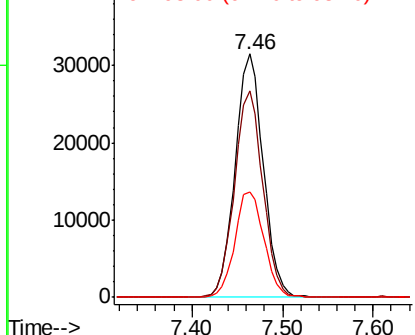
#39
Methvlcvclohexane
Concen: 18.718 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 67648
Ion Ratio Lower Upper
83 100
55 84.5 69.0 103.6
98 43.4 34.4 51.6

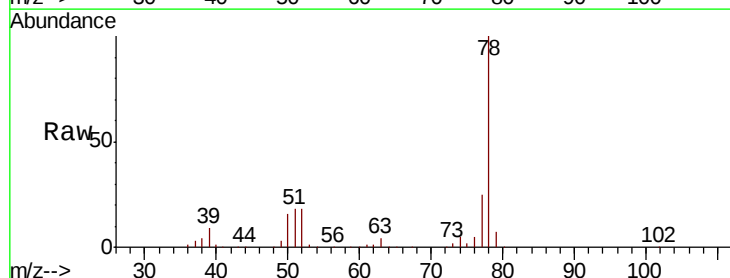


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

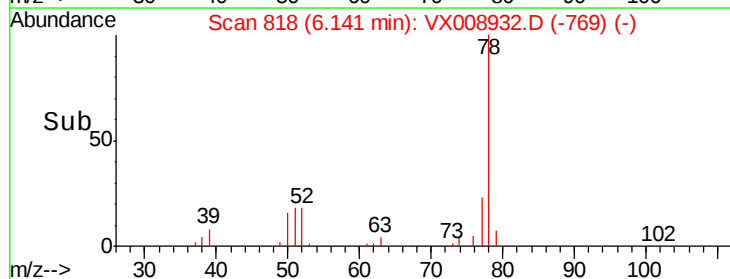
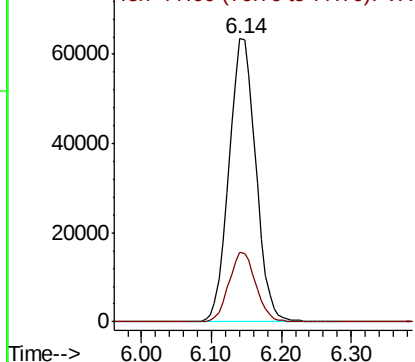


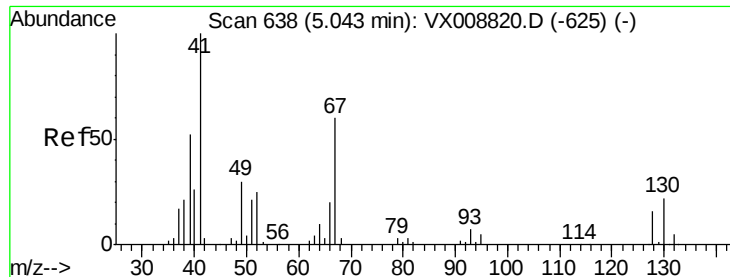
#40
Benzene
Concen: 19.471 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 78 Resp: 169701
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7



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





#41

Methacrylonitrile

Concen: 19.718 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 44260

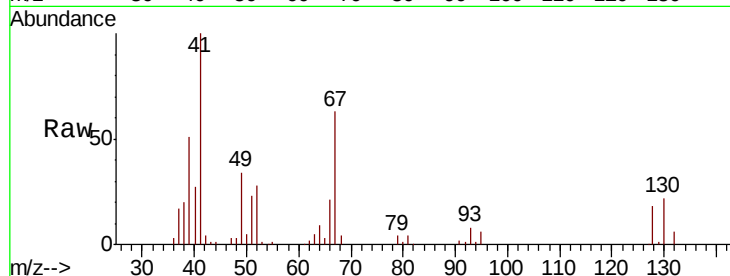
Ion Ratio Lower Upper

41 100

39 52.0 42.1 63.1

67 64.1 51.0 76.6

52 27.6 21.4 32.0

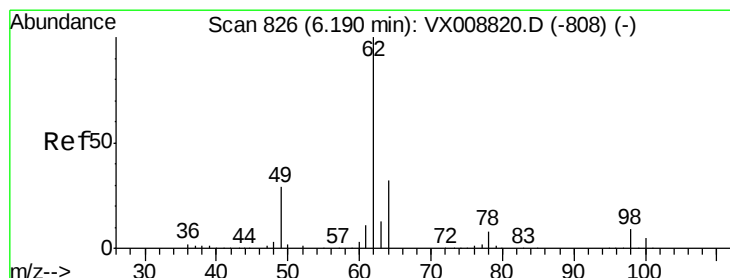
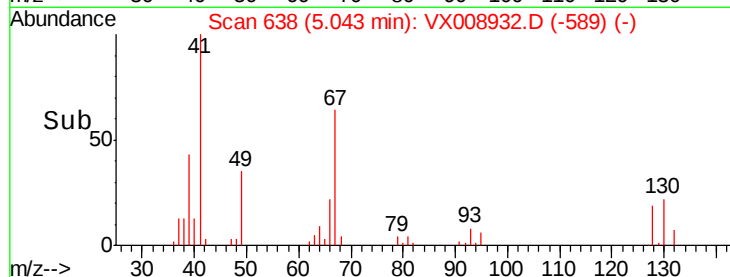
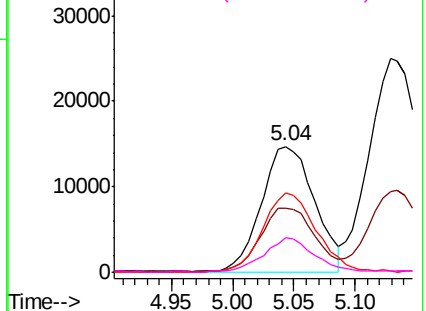


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.272 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008932.D

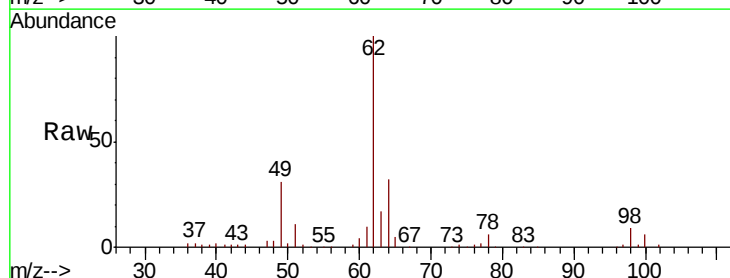
Acq: 13 Apr 2019 15:22

Tgt Ion: 62 Resp: 60218

Ion Ratio Lower Upper

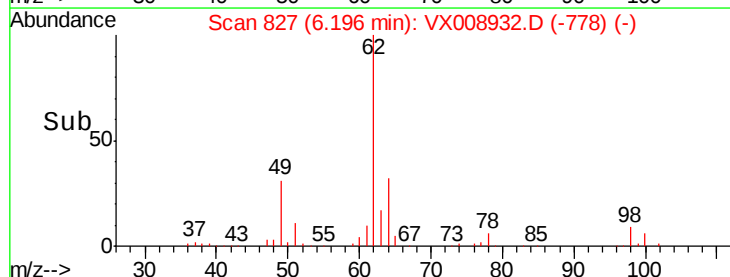
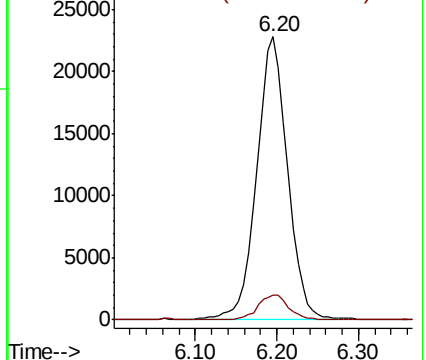
62 100

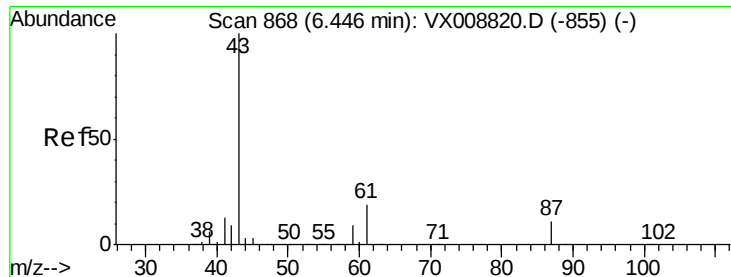
98 8.8 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



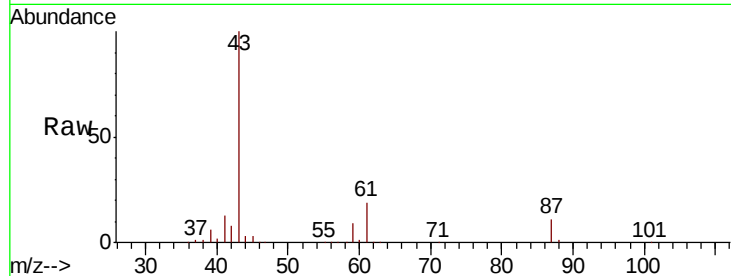


#43

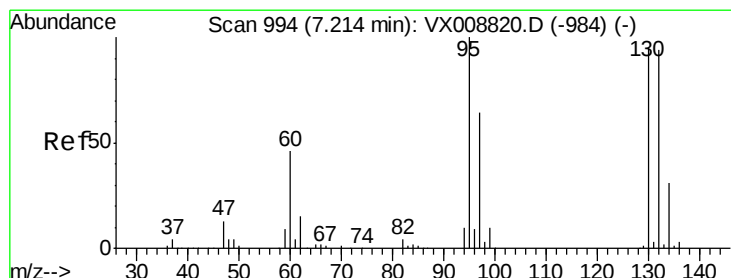
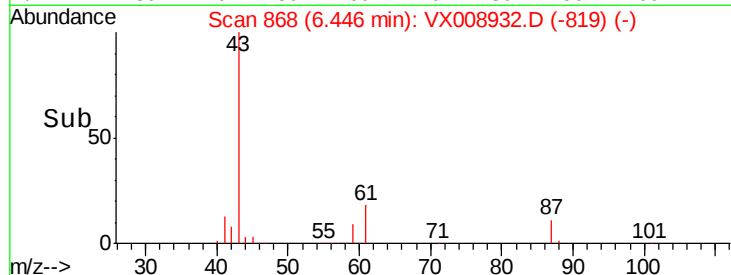
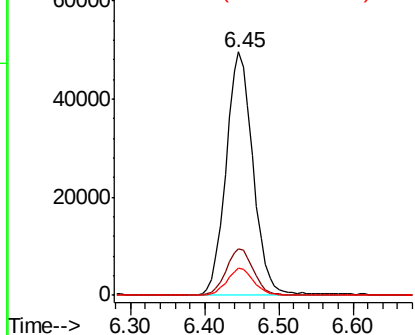
Isopropyl Acetate
 Concen: 20.401 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion: 43 Resp: 124802
 Ion Ratio Lower Upper
 43 100
 61 19.3 15.3 22.9
 87 11.2 9.0 13.6



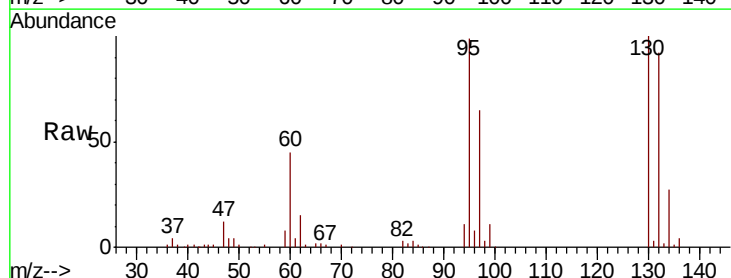
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



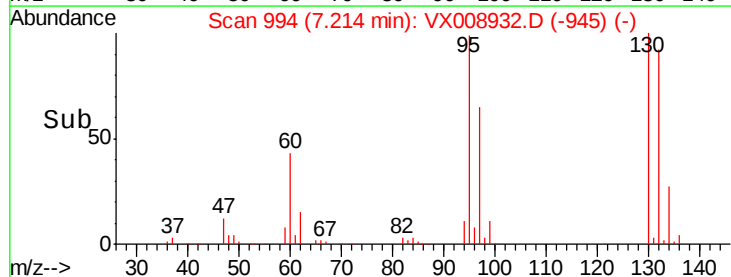
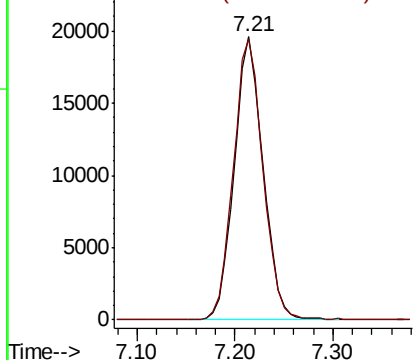
#44

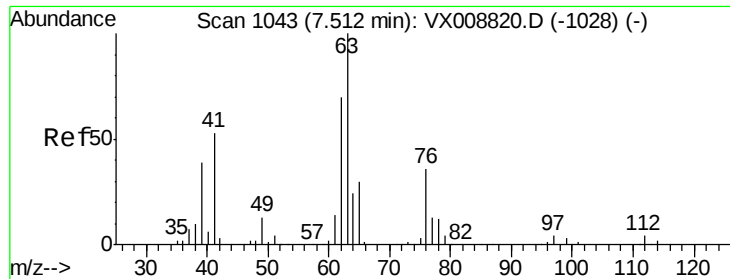
Trichloroethene
 Concen: 19.778 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Tgt Ion:130 Resp: 40149
 Ion Ratio Lower Upper
 130 100
 95 99.3 0.0 209.8



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

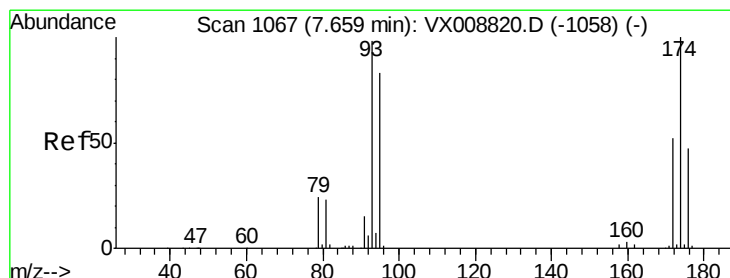
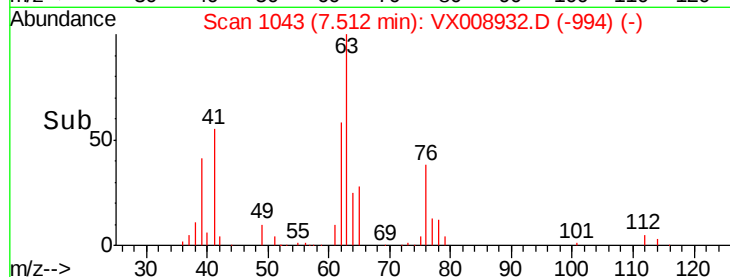
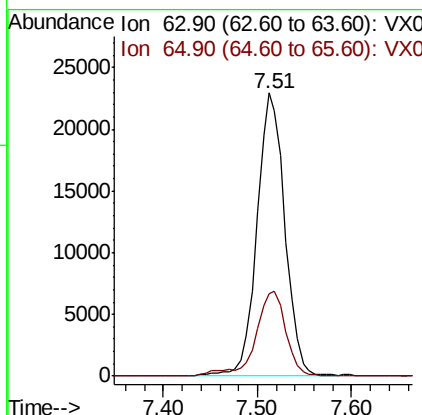
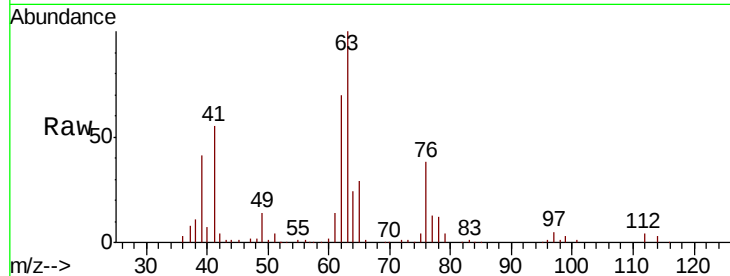




#45
 1,2-Dichloropropane
 Concen: 19.197 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

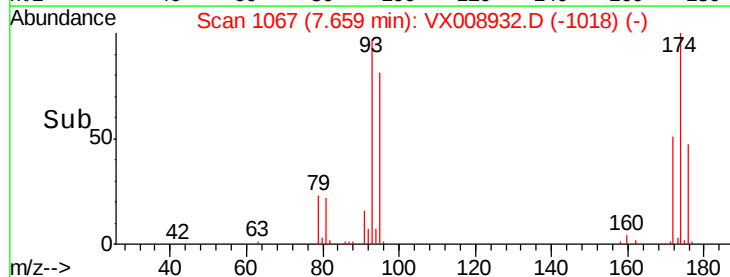
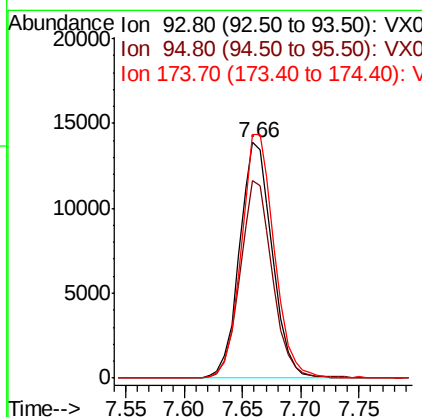
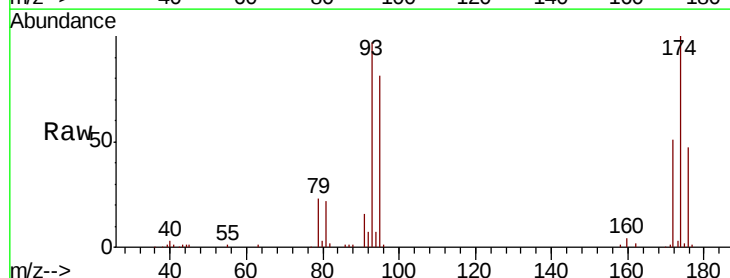
Instrument :
 MSVOA_X
 ClientSampled :

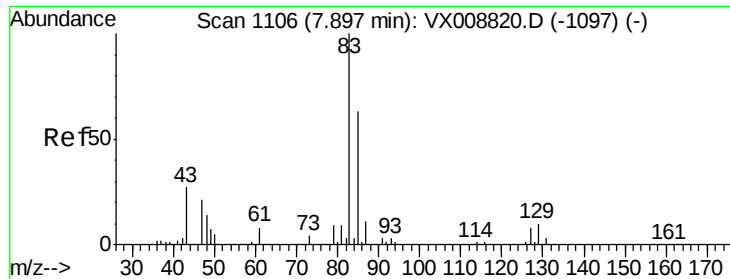
Tot Ion: 63 Resp: 47757
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.2 36.4



#46
 Dibromomethane
 Concen: 18.758 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Tgt Ion: 93 Resp: 27065
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 99.8
 174 104.3 77.7 116.5





#47

Bromodichloromethane

Concen: 19.654 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

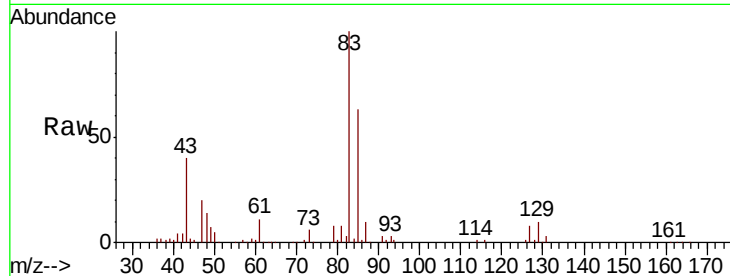
Tot Ion: 83 Resp: 53468

Ion Ratio Lower Upper

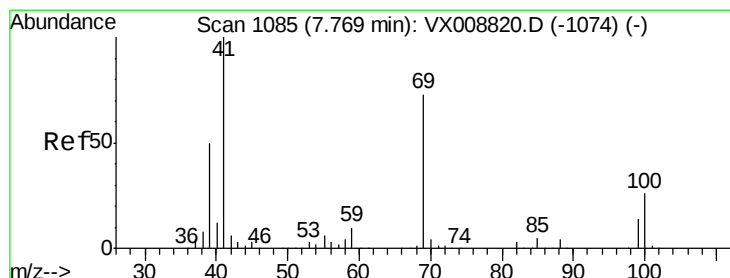
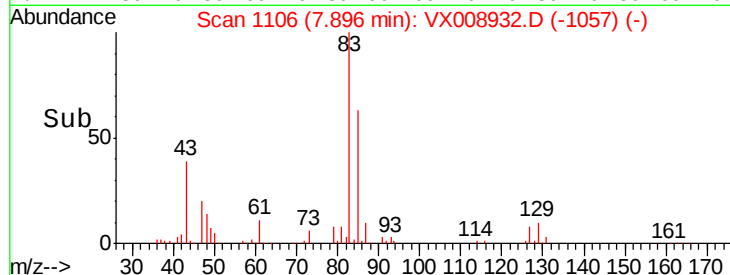
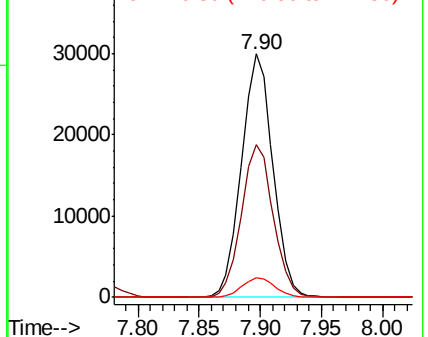
83 100

85 62.6 51.2 76.8

127 7.9 6.6 10.0



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



#48

Methyl methacrylate

Concen: 20.302 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

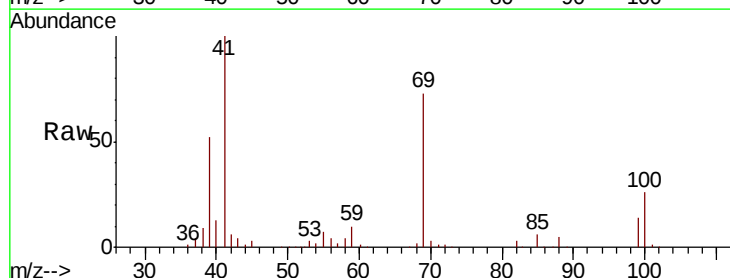
Tgt Ion: 41 Resp: 62823

Ion Ratio Lower Upper

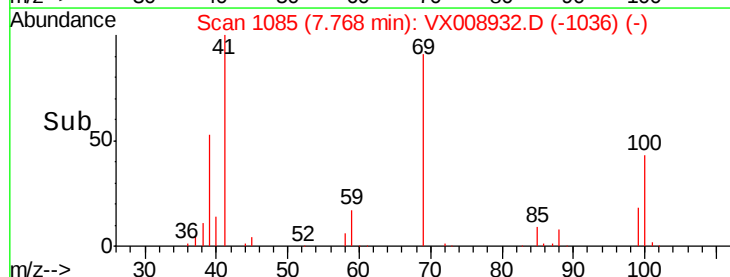
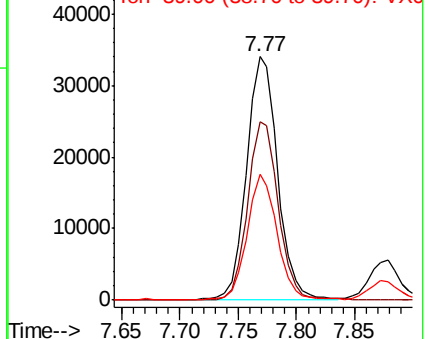
41 100

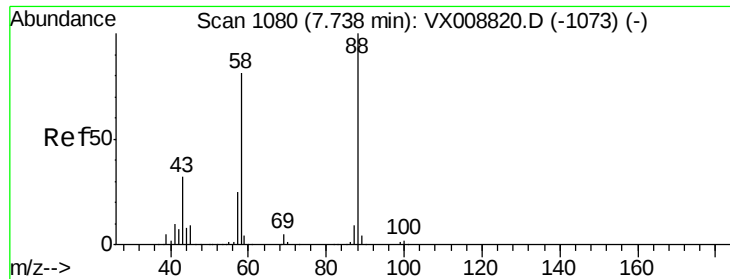
69 73.4 59.0 88.4

39 50.7 41.0 61.4



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

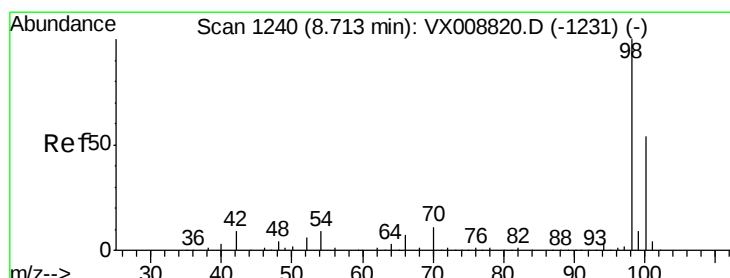
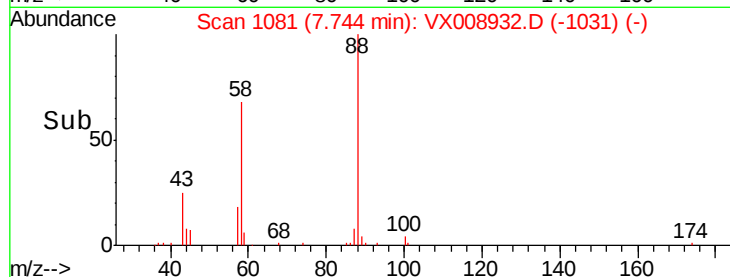
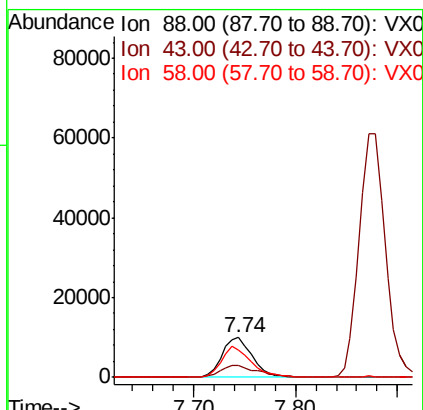
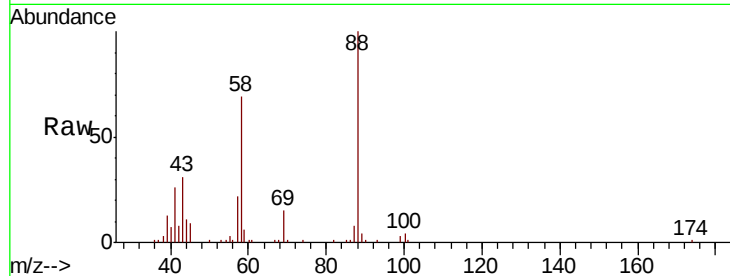




#49
1,4-Dioxane
Concen: 356.282 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

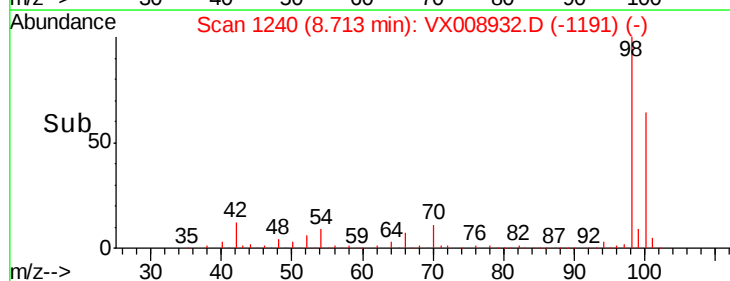
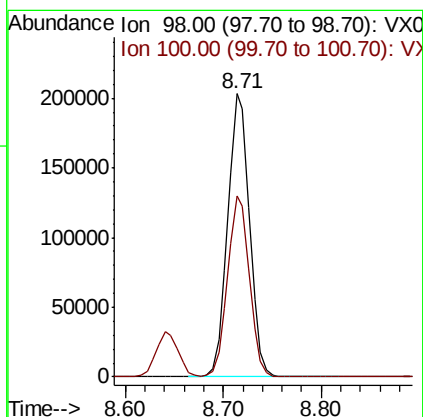
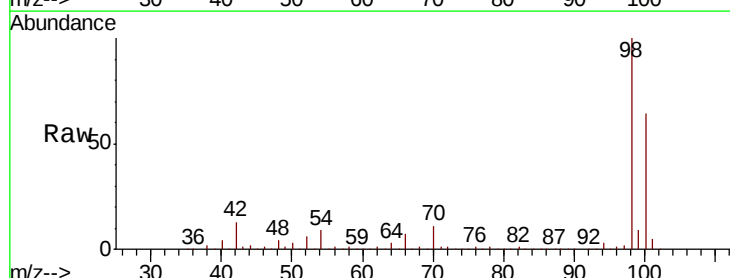
Instrument :
MSVOA_X
ClientSampleId :

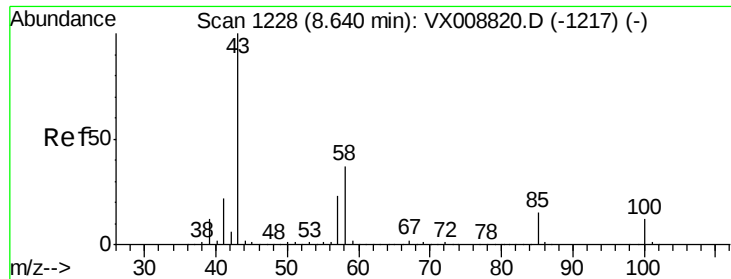
Tot Ion: 88 Resp: 20653
Ion Ratio Lower Upper
88 100
43 36.0 28.6 43.0
58 76.8 62.2 93.2



#50
Toluene-d8
Concen: 45.926 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 98 Resp: 312923
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

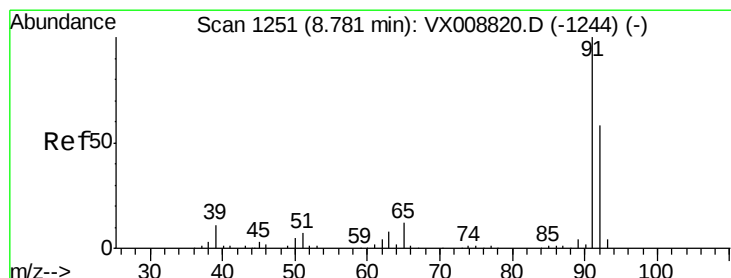
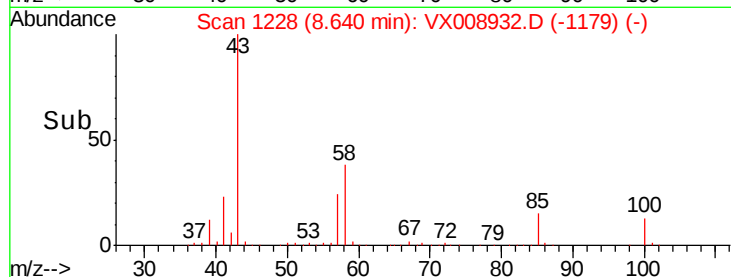
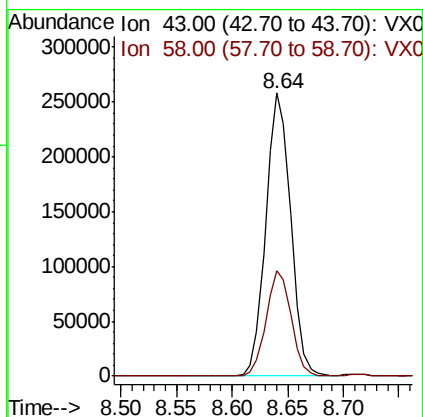
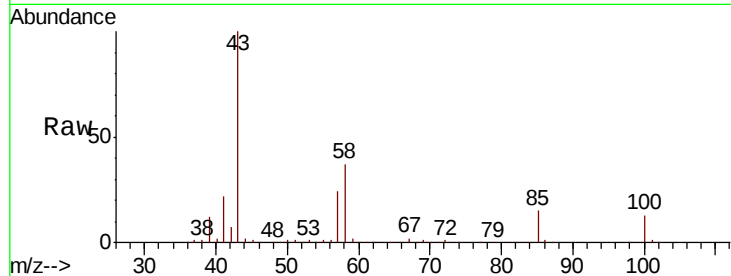




#51
4-Methyl-2-Pentanone
Concen: 102.283 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

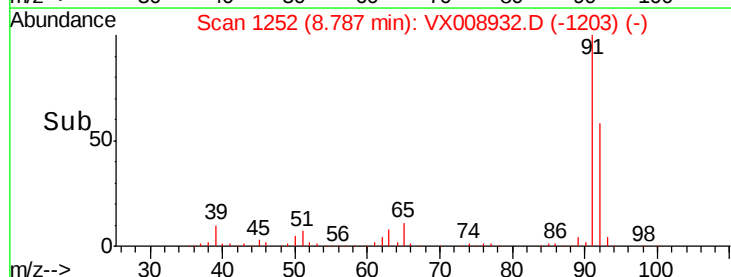
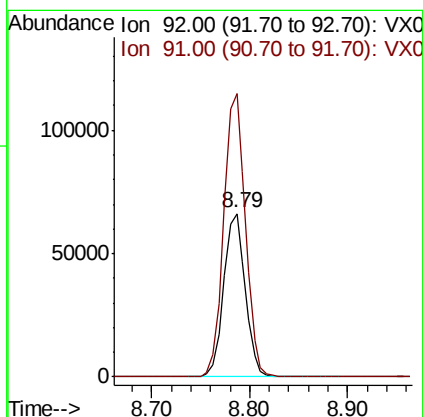
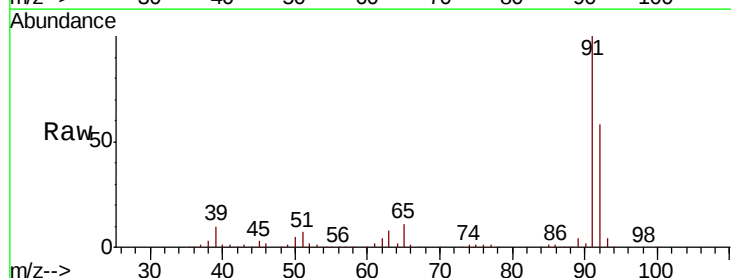
Instrument :
MSVOA_X
ClientSampled :

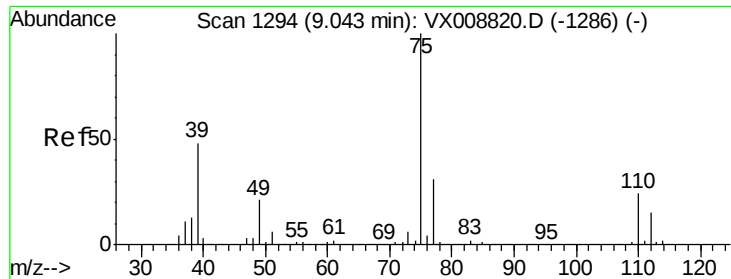
Tot Ion: 43 Resp: 402785
Ion Ratio Lower Upper
43 100
58 37.4 29.5 44.3



#52
Toluene
Concen: 19.617 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 92 Resp: 100800
Ion Ratio Lower Upper
92 100
91 174.9 138.5 207.7

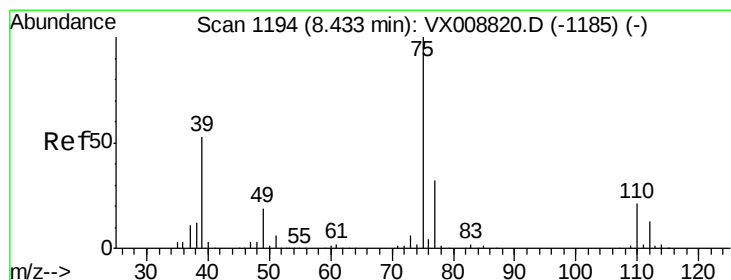
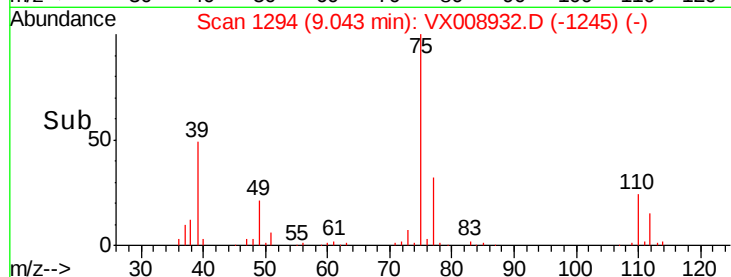
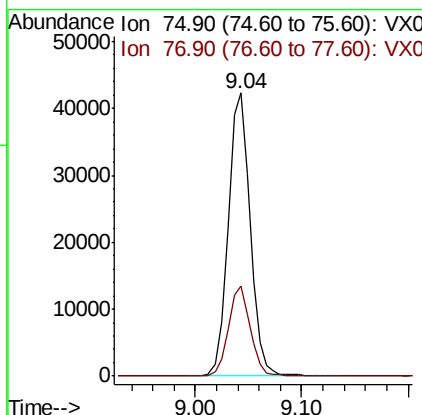
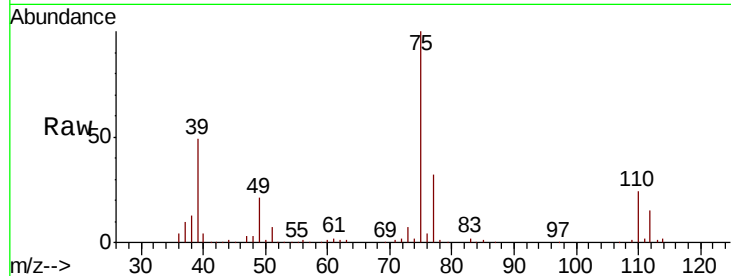




#53
 t-1,3-Dichloropropene
 Concen: 20.127 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

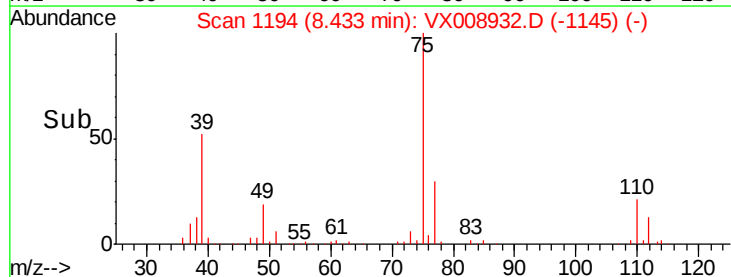
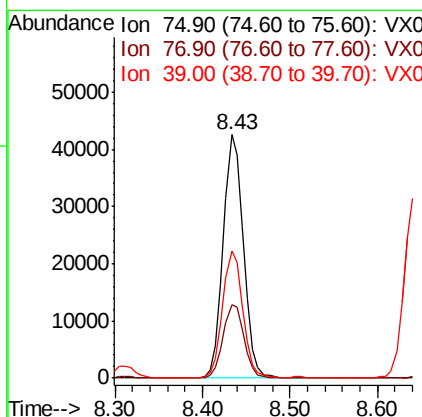
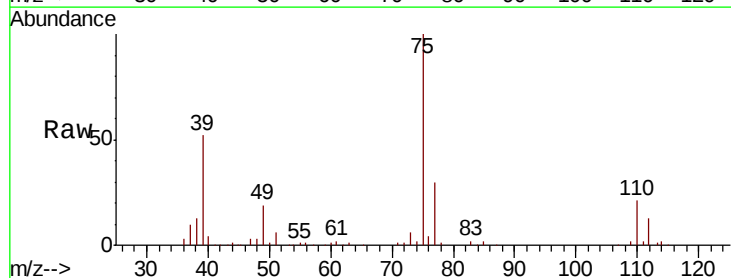
Instrument :
 MSVOA_X
 ClientSampleId :

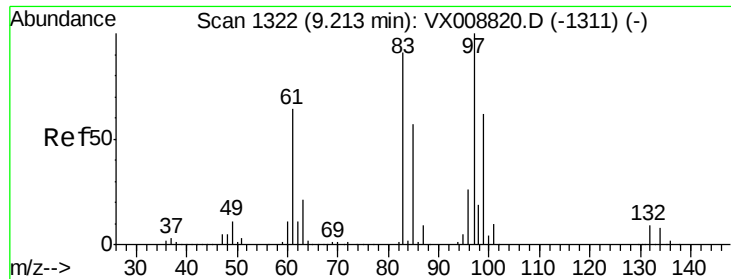
Tot Ion: 75 Resp: 61333
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.604 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Tgt Ion: 75 Resp: 68261
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9
 39 52.2 42.6 63.8

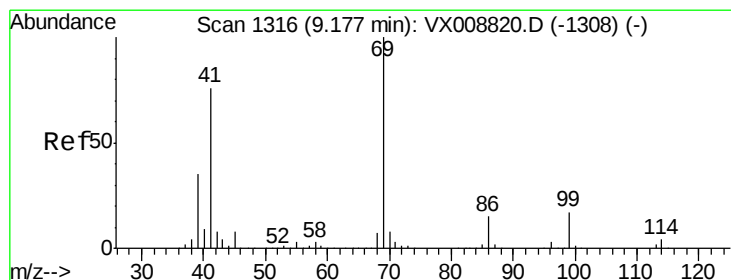
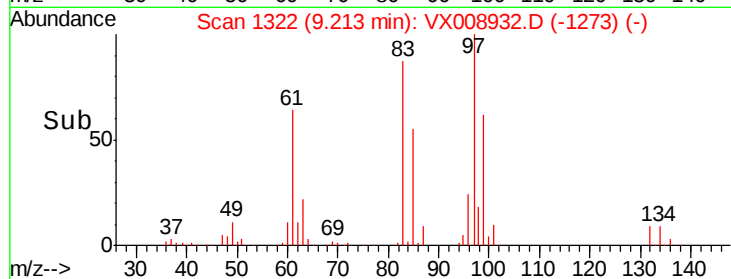
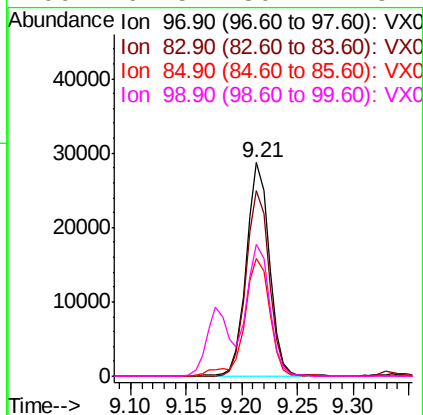
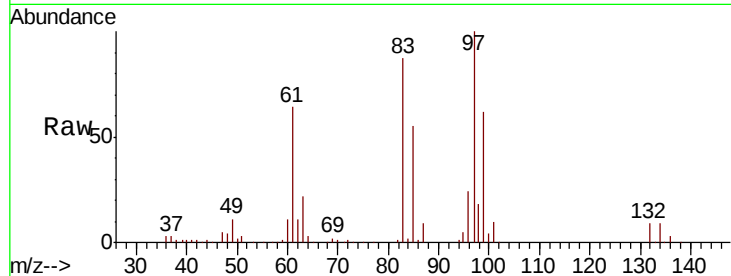




#55
 1,1,2-Trichloroethane
 Concen: 20.155 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

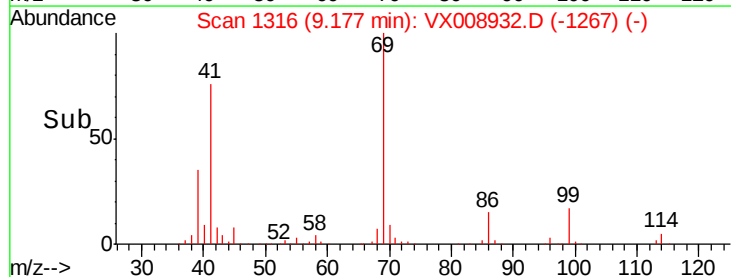
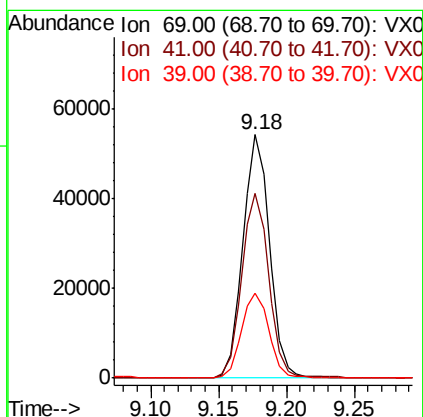
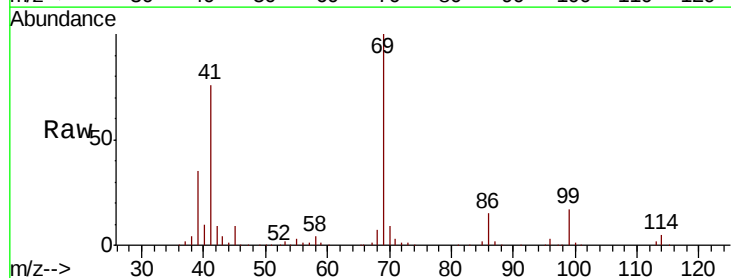
Instrument :
 MSVOA_X
 ClientSampleId :

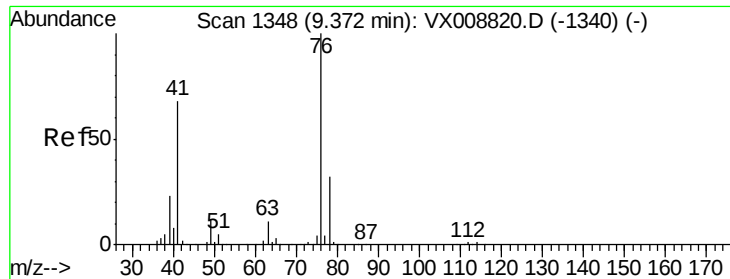
Tot Ion:	97	Resp:	41572
Ion	Ratio	Lower	Upper
97	100		
83	86.7	73.2	109.8
85	55.2	46.6	69.8
99	61.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.944 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Tgt Ion:	69	Resp:	74431
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.1	90.1
39	35.6	28.9	43.3





#57

1,3-Dichloropropane

Concen: 19.869 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

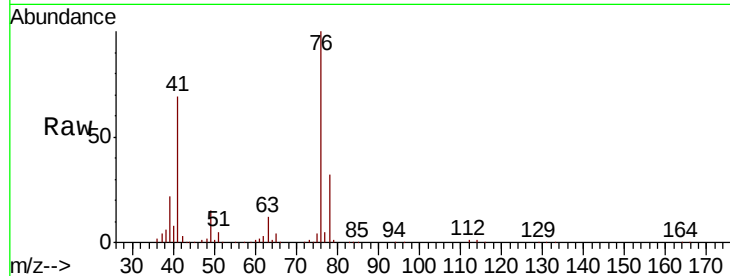
ClientSampled :

Tot Ion: 76 Resp: 73588

Ion Ratio Lower Upper

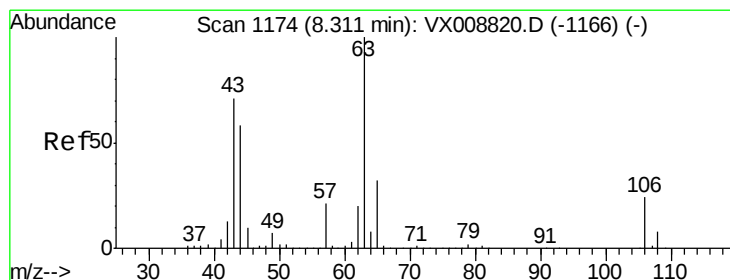
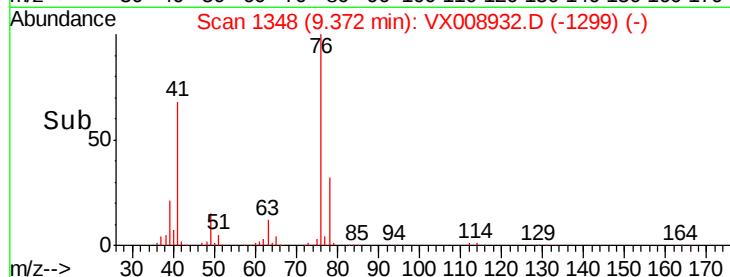
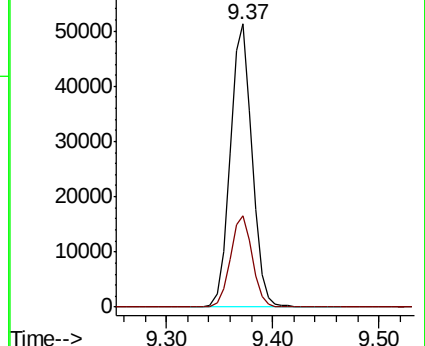
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.841 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008932.D

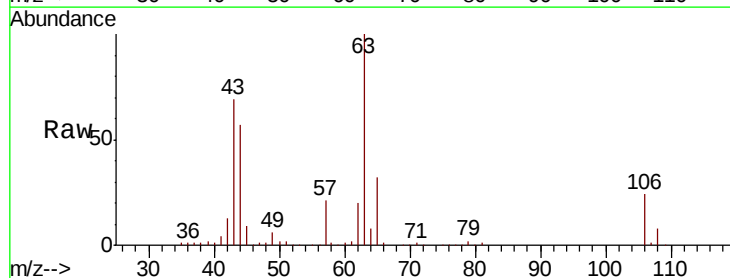
Acq: 13 Apr 2019 15:22

Tgt Ion: 63 Resp: 171199

Ion Ratio Lower Upper

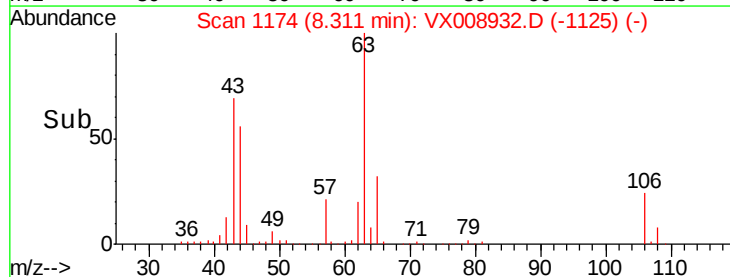
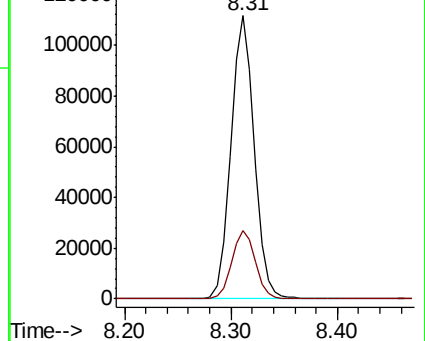
63 100

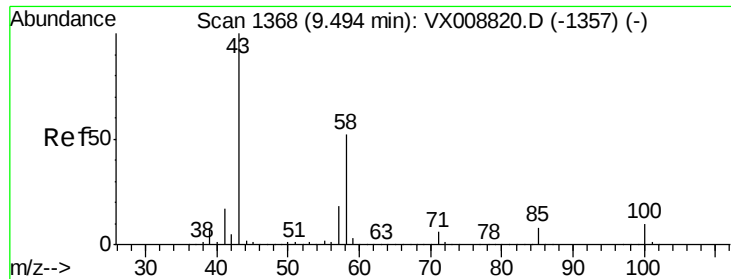
106 24.7 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

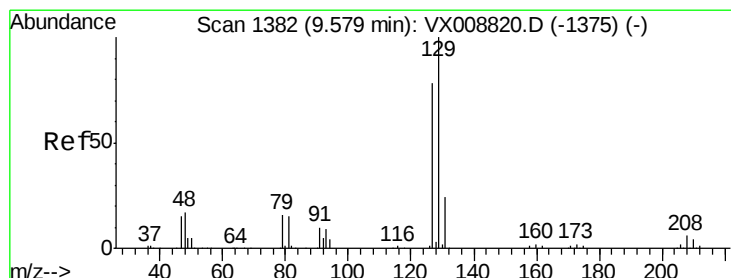
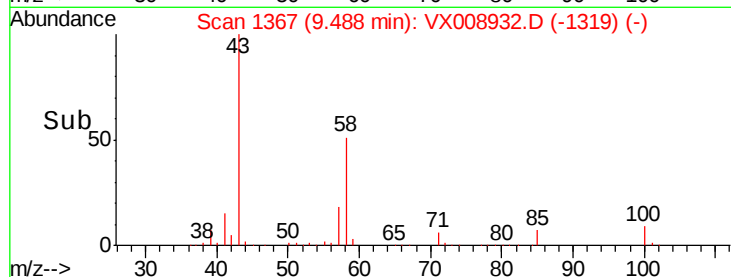
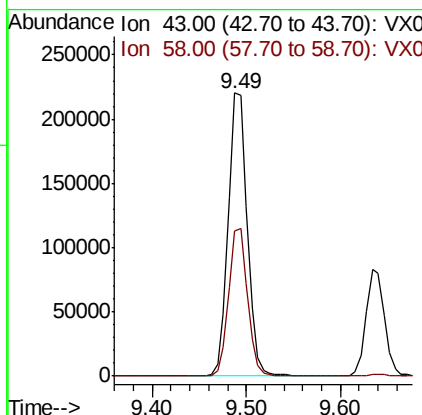
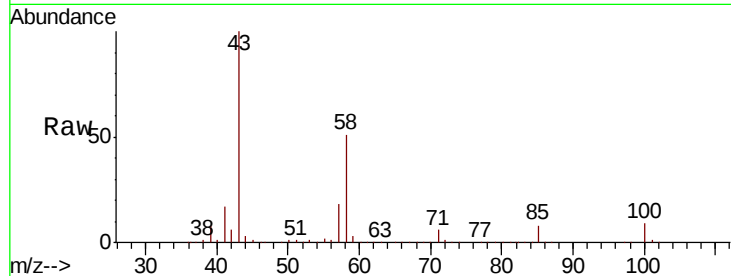




#59
2-Hexanone
Concen: 101.154 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

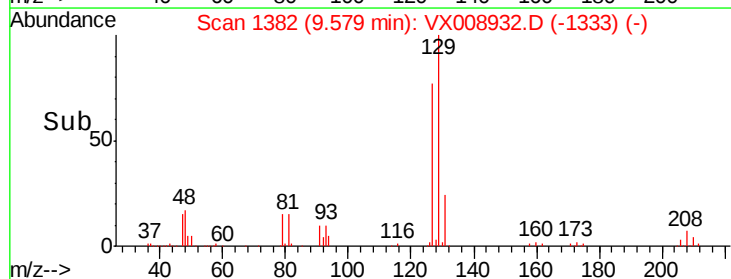
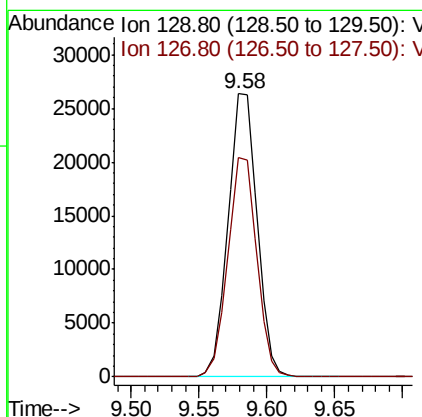
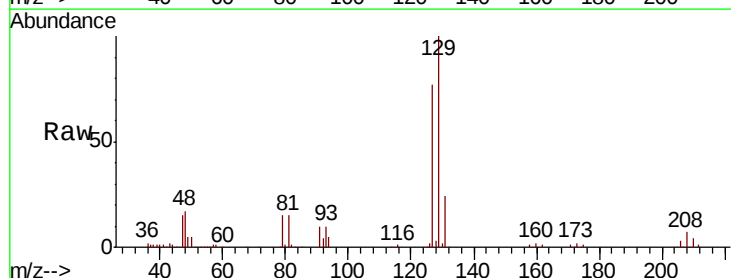
Instrument :
MSVOA_X
ClientSampleId :

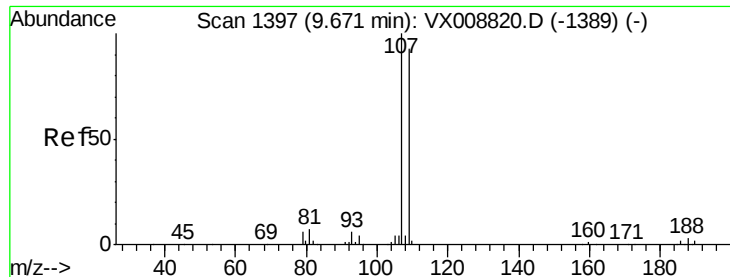
Tot Ion: 43 Resp: 309568
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 20.160 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion:129 Resp: 39183
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.702 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

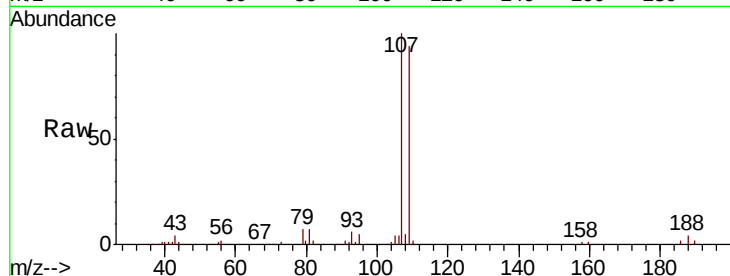
ClientSampleId :

Tot Ion:107 Resp: 42306

Ion Ratio Lower Upper

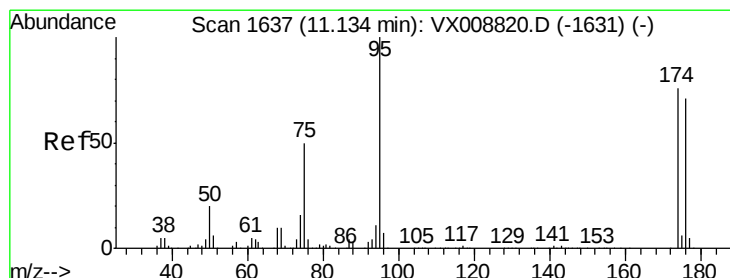
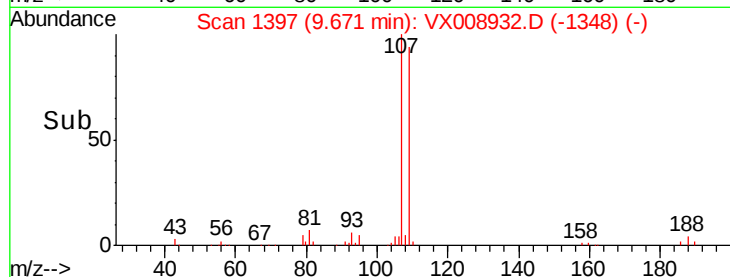
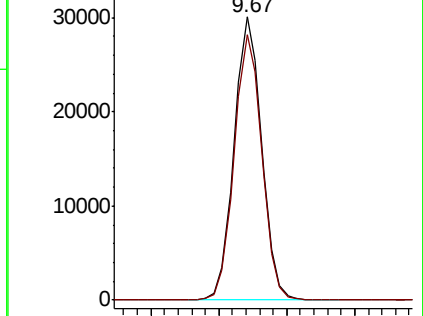
107 100

109 94.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.344 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

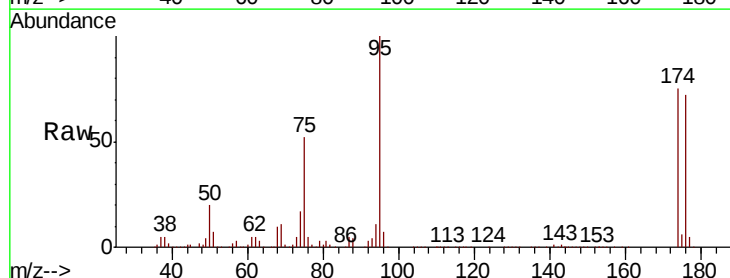
Tgt Ion: 95 Resp: 111977

Ion Ratio Lower Upper

95 100

174 81.0 0.0 151.8

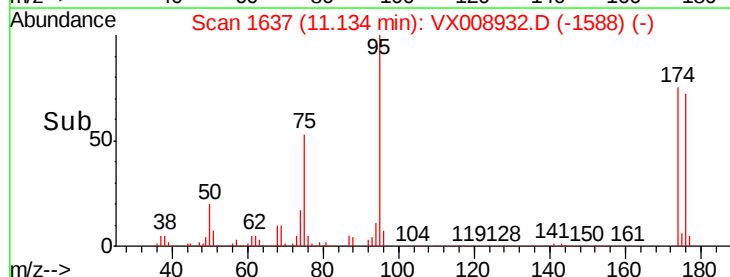
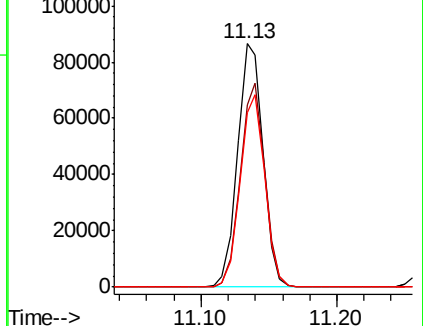
176 77.2 0.0 145.8

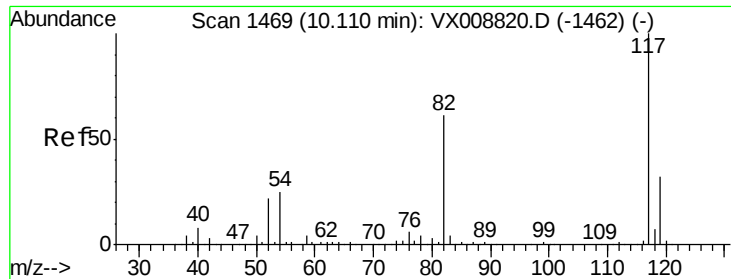


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

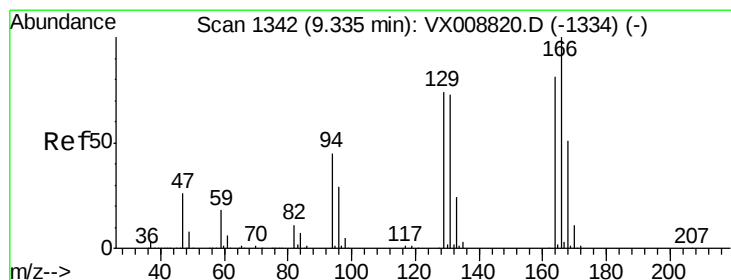
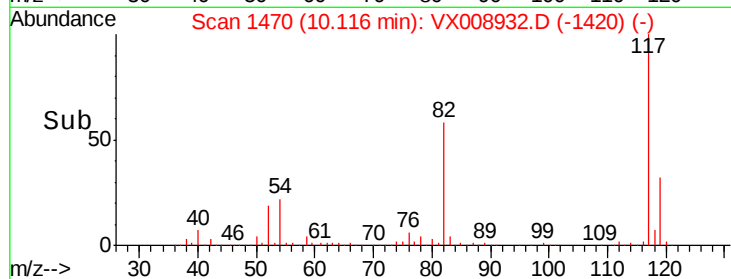
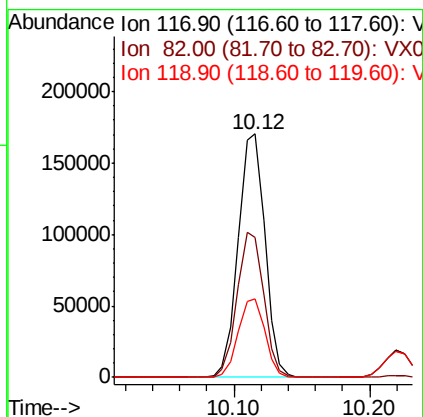
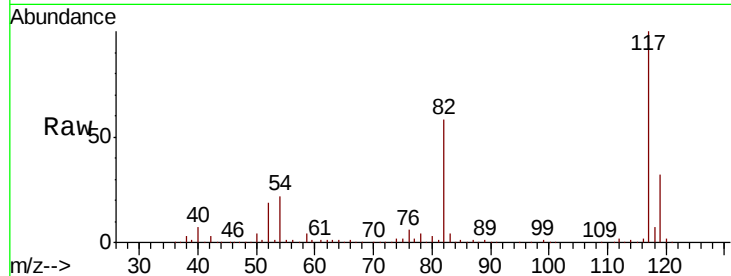




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

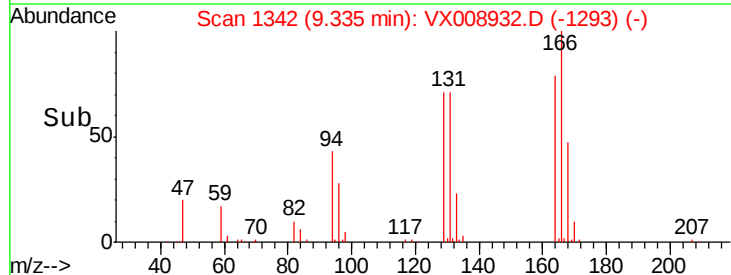
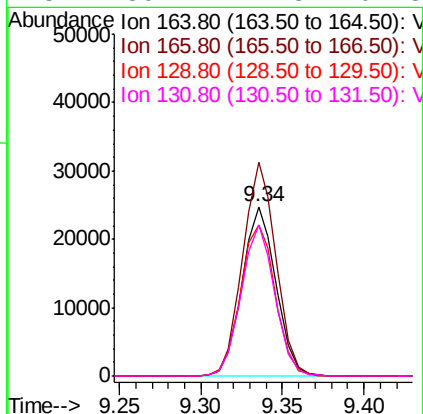
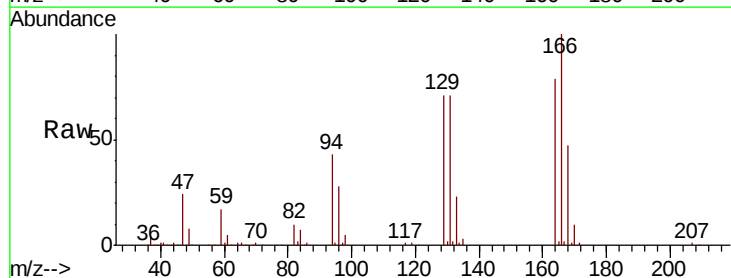
Instrument :
MSVOA_X
ClientSampleId :

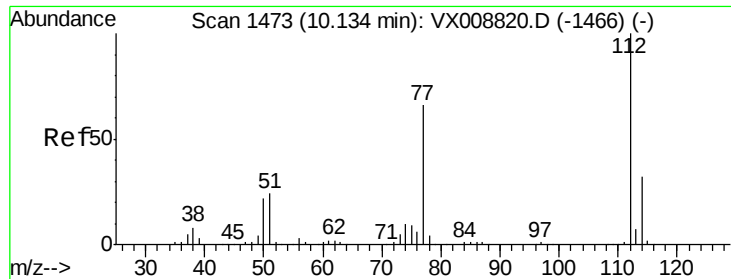
Tot Ion:117 Resp: 234075
Ion Ratio Lower Upper
117 100
82 57.5 49.6 74.4
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 20.616 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion:164 Resp: 35753
Ion Ratio Lower Upper
164 100
166 126.3 101.0 151.6
129 89.5 75.8 113.8
131 89.4 71.8 107.8

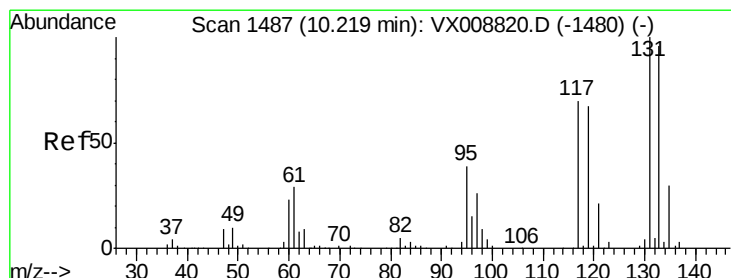
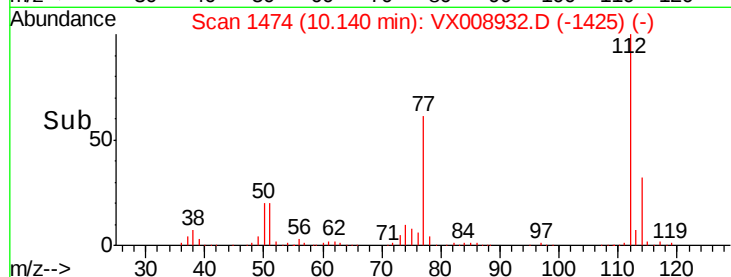
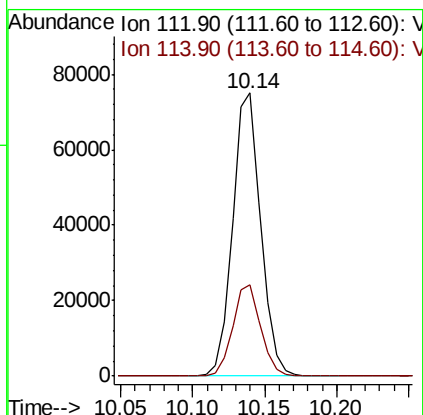
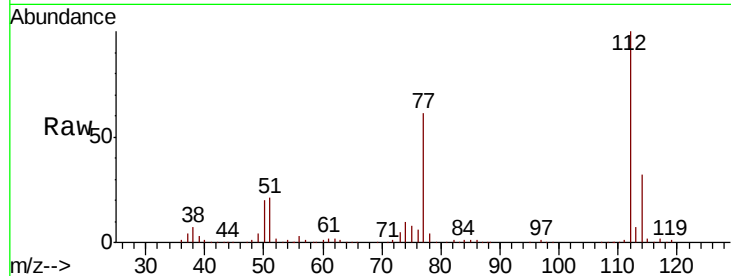




#65
Chlorobenzene
Concen: 19.694 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

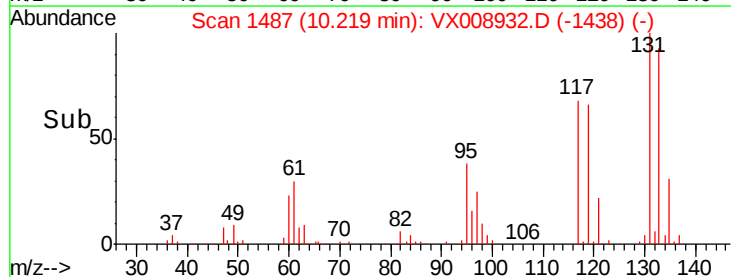
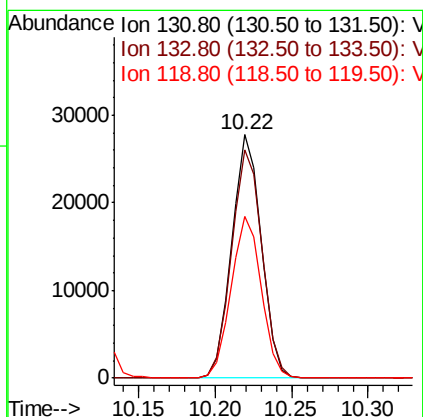
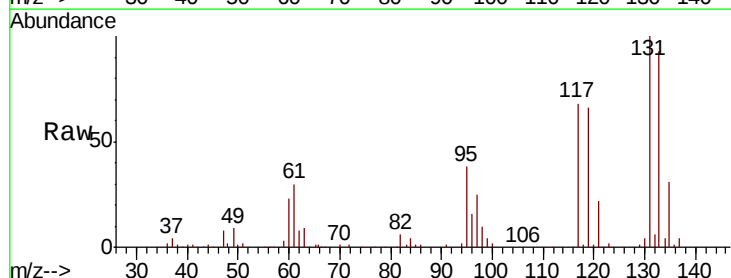
Instrument :
MSVOA_X
ClientSampleId :

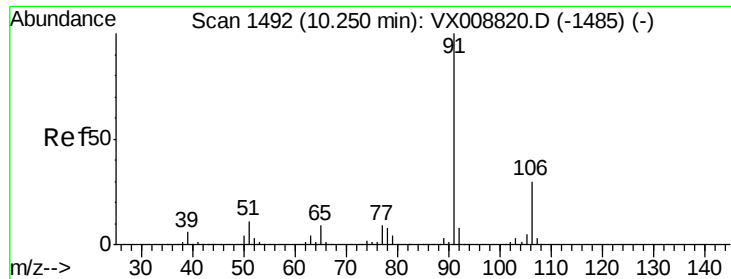
Tot Ion:112 Resp: 102187
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.398 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion:131 Resp: 37131
Ion Ratio Lower Upper
131 100
133 96.8 47.0 141.2
119 67.8 33.7 101.0

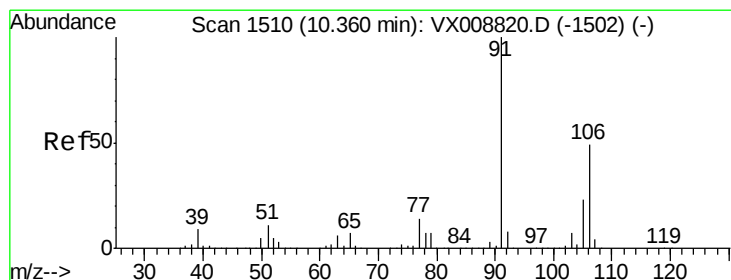
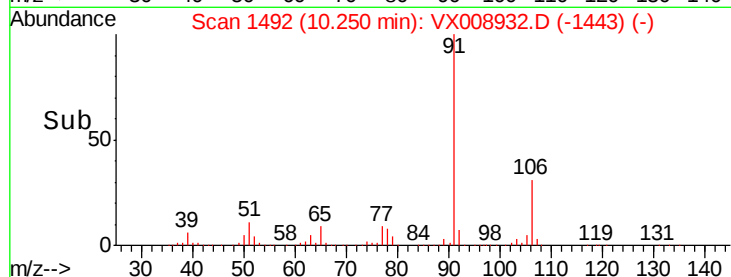
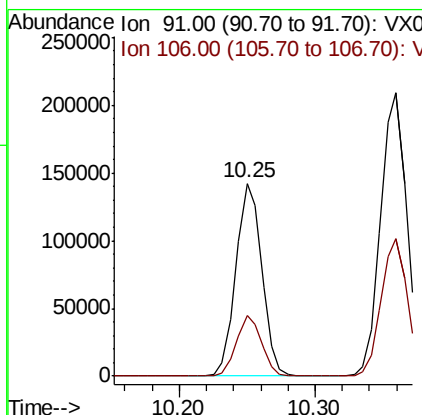
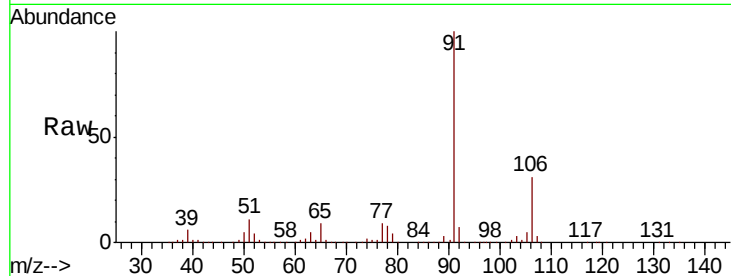




#67
Ethyl Benzene
Concen: 19.574 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

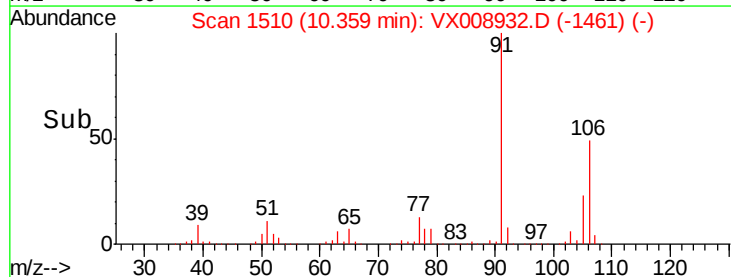
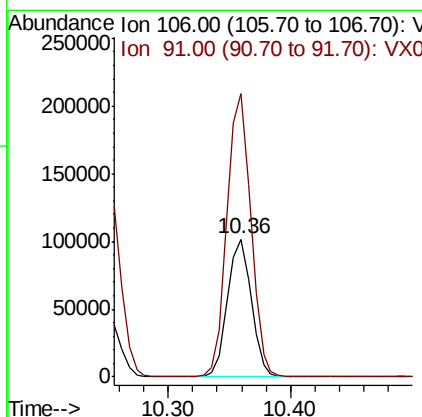
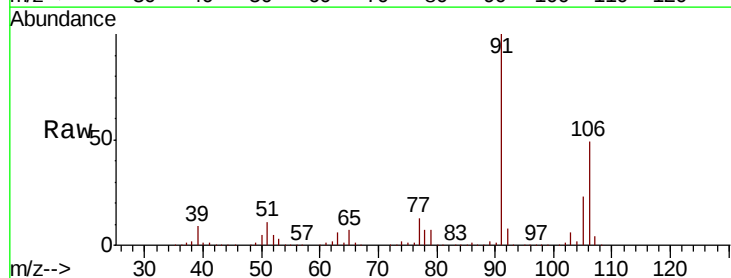
Instrument :
MSVOA_X
ClientSampled :

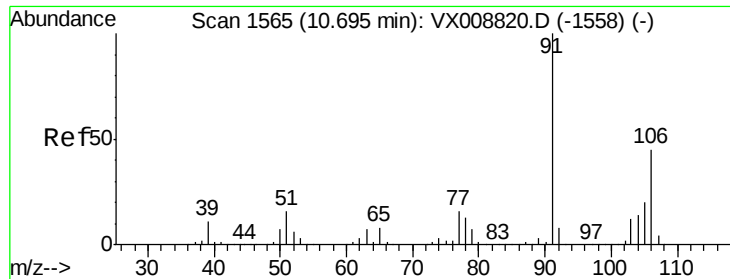
Tot Ion: 91 Resp: 189388
Ion Ratio Lower Upper
91 100
106 31.2 23.7 35.5



#68
m/p-Xylenes
Concen: 39.318 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 106 Resp: 136778
Ion Ratio Lower Upper
106 100
91 205.6 168.5 252.7

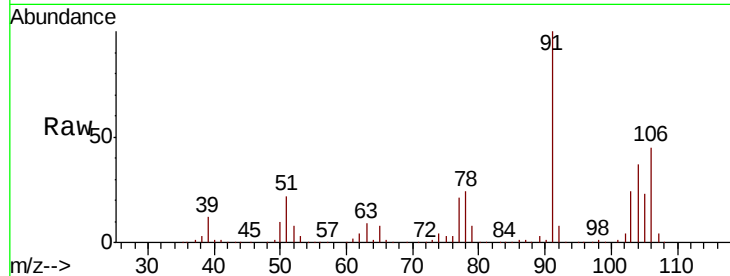




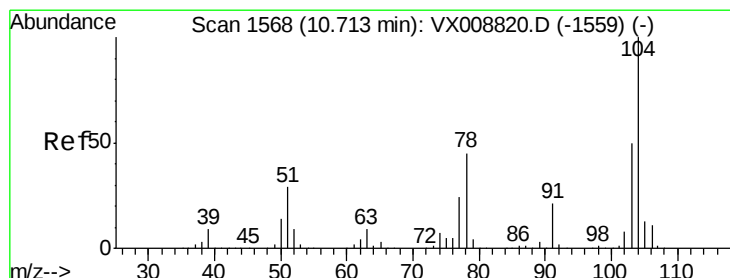
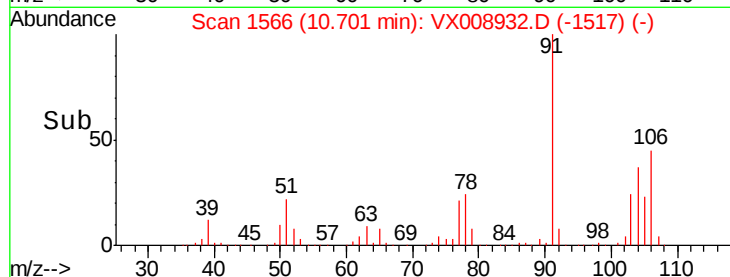
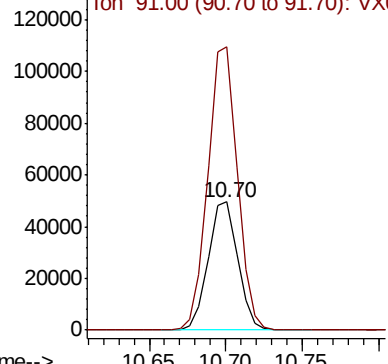
#69
o-Xylene
Concen: 19.706 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 66434
Ion Ratio Lower Upper
106 100
91 221.2 111.5 334.4

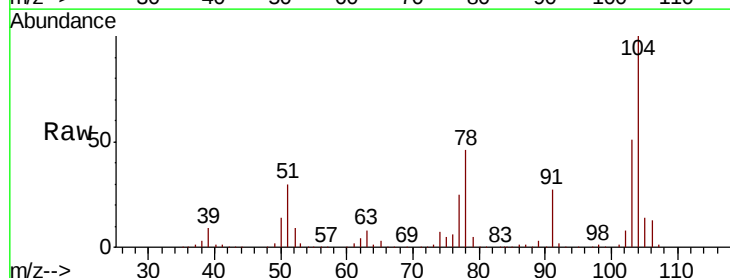


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

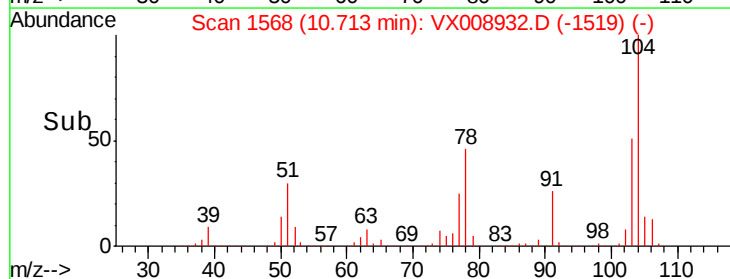
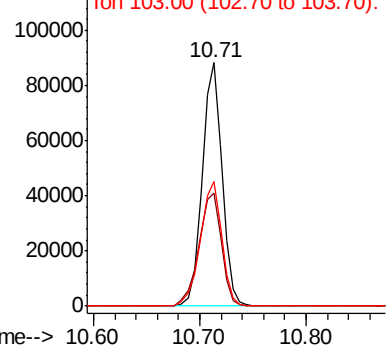


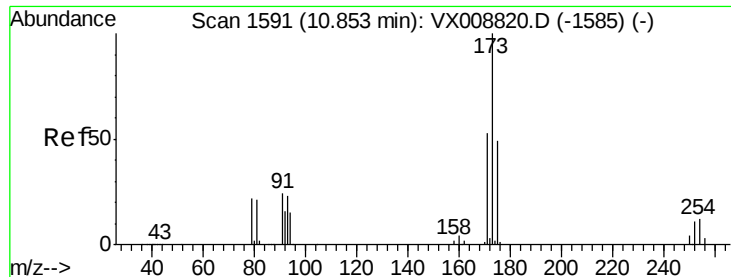
#70
Styrene
Concen: 19.764 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion:104 Resp: 114858
Ion Ratio Lower Upper
104 100
78 52.7 42.3 63.5
103 55.7 44.4 66.6



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





#71

Bromoform

Concen: 20.654 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

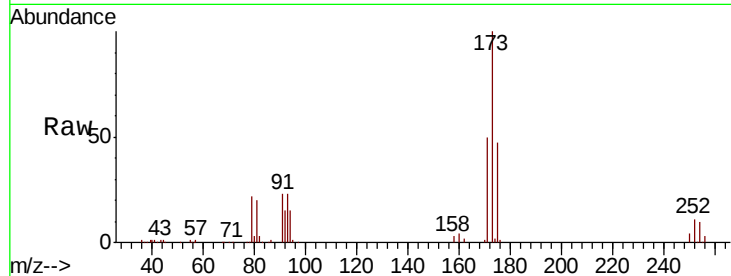
Tot Ion:173 Resp: 28714

Ion Ratio Lower Upper

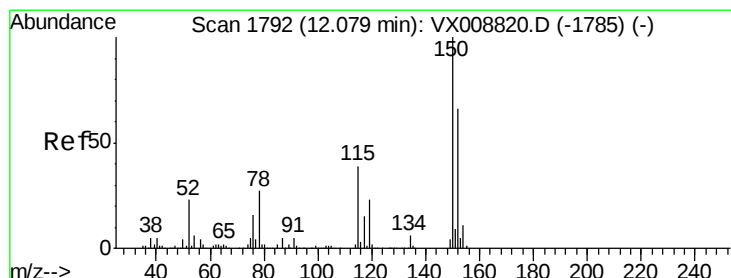
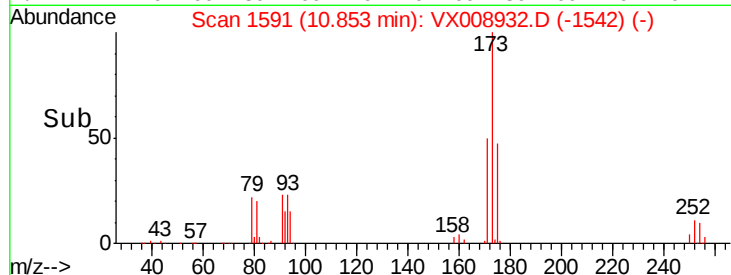
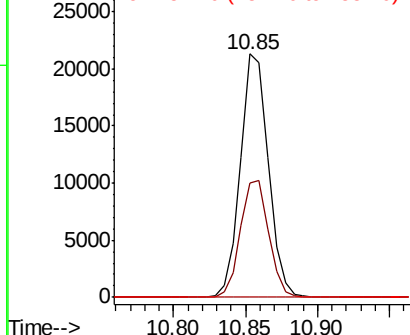
173 100

175 48.6 24.9 74.6

254 0.1 0.1 0.1#



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

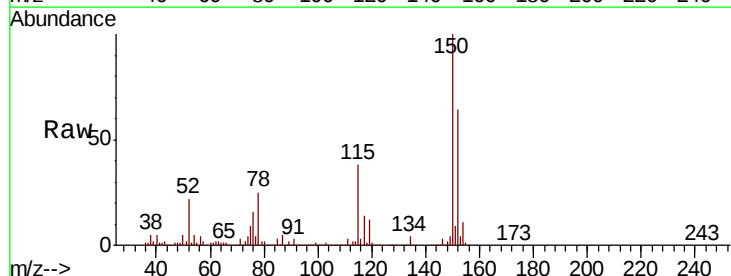
Tgt Ion:152 Resp: 107603

Ion Ratio Lower Upper

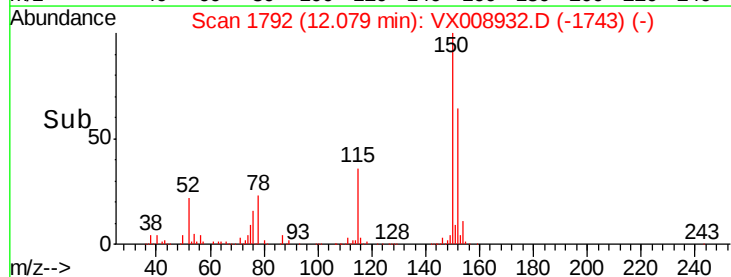
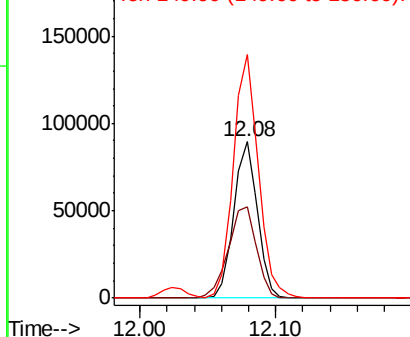
152 100

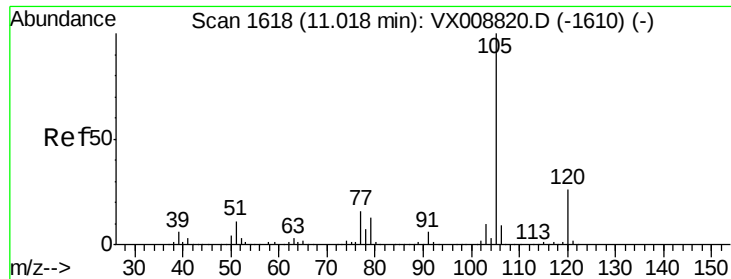
115 70.2 43.5 130.5

150 164.6 0.0 348.8



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: 20.051 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

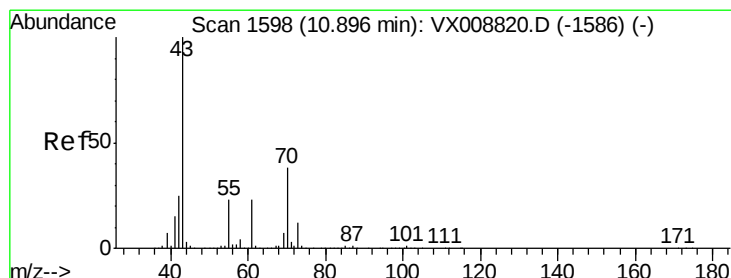
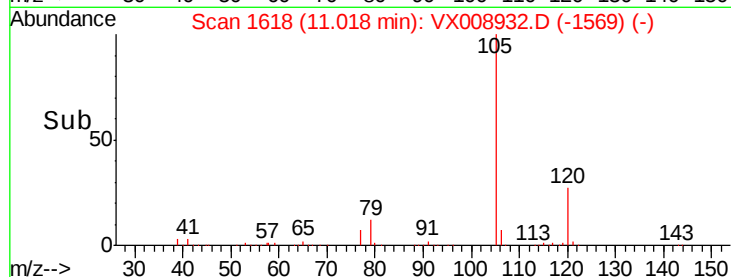
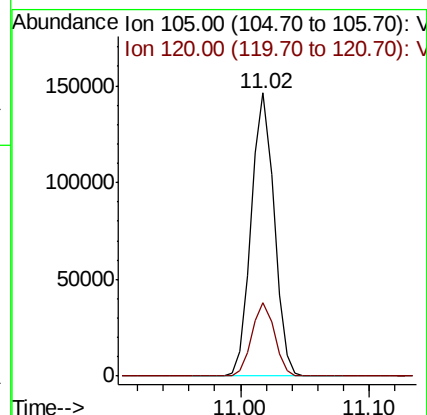
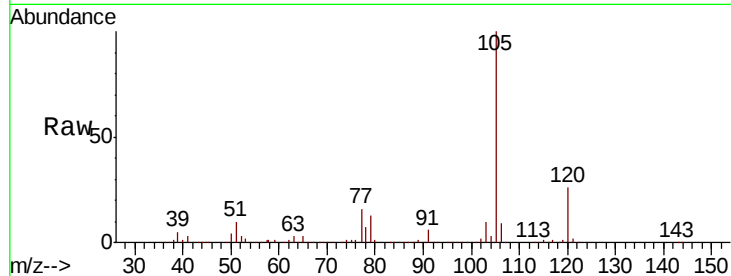
ClientSampleId :

Tot Ion:105 Resp: 178805

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 20.771 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Tgt Ion: 43 Resp: 108975

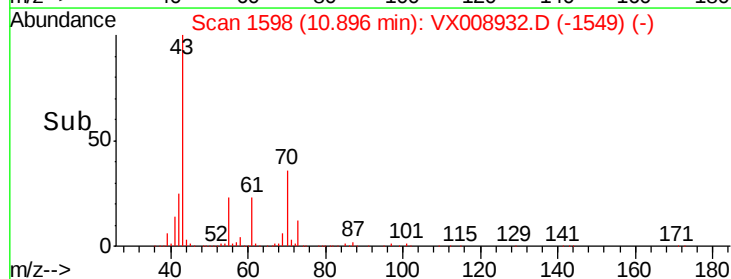
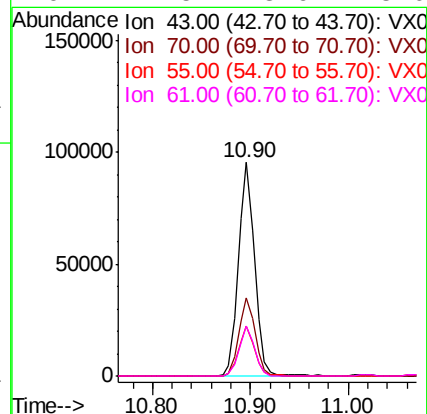
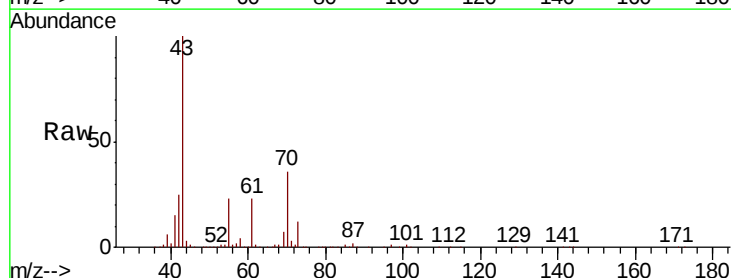
Ion Ratio Lower Upper

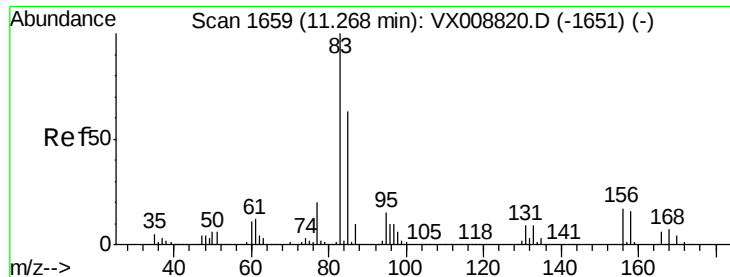
43 100

70 37.1 30.2 45.4

55 22.7 18.2 27.4

61 22.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.932 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

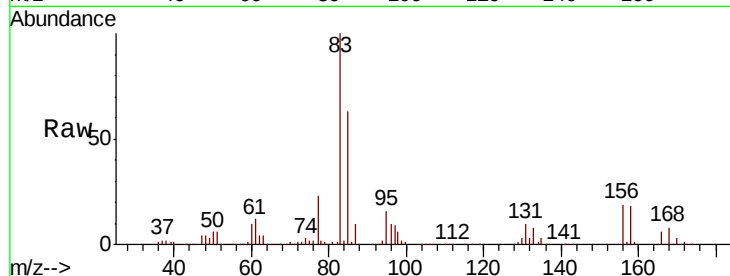
Tot Ion: 83 Resp: 67597

Ion Ratio Lower Upper

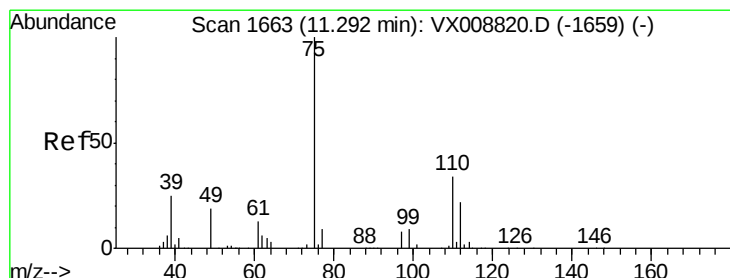
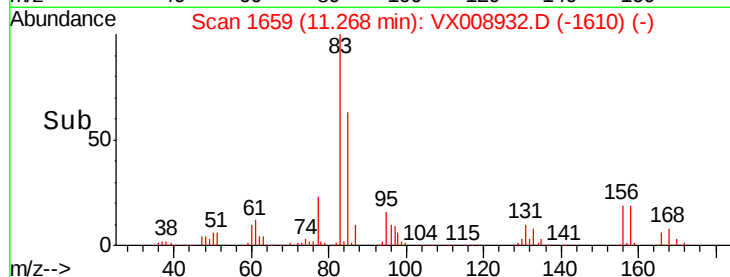
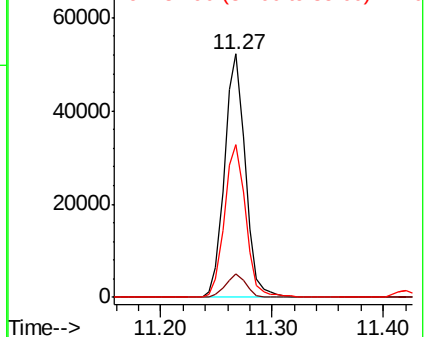
83 100

131 9.4 4.5 13.7

85 64.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.227 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008932.D

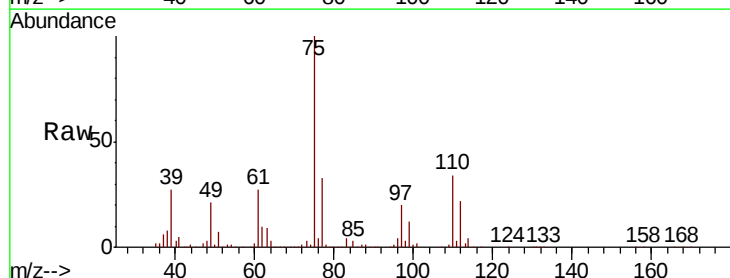
Acq: 13 Apr 2019 15:22

Tgt Ion: 75 Resp: 77527

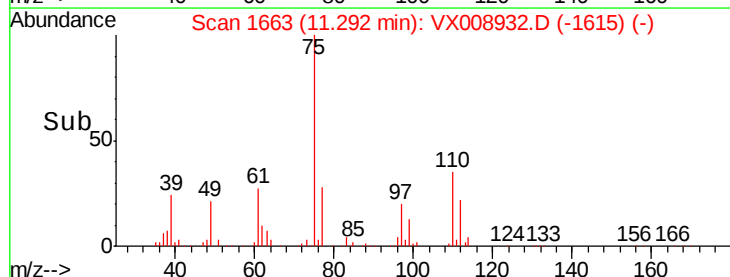
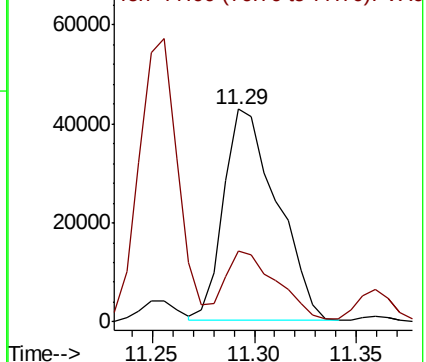
Ion Ratio Lower Upper

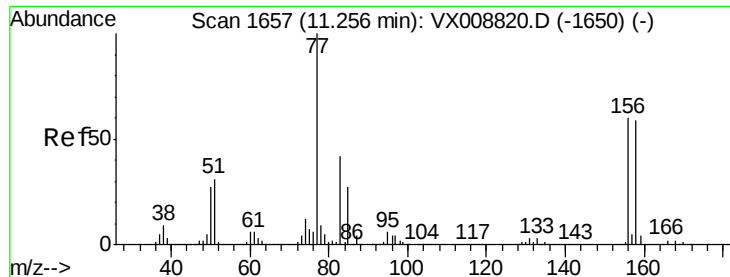
75 100

77 33.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

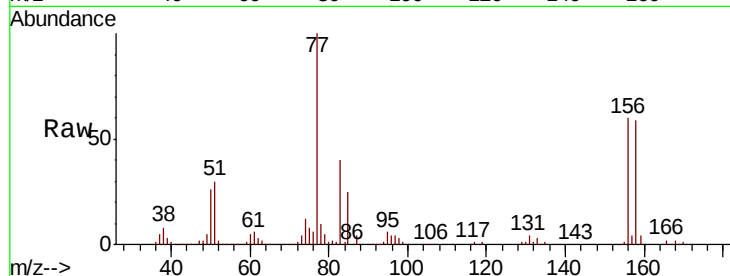
Tot Ion:156 Resp: 43242

Ion Ratio Lower Upper

156 100

77 173.1 89.8 269.6

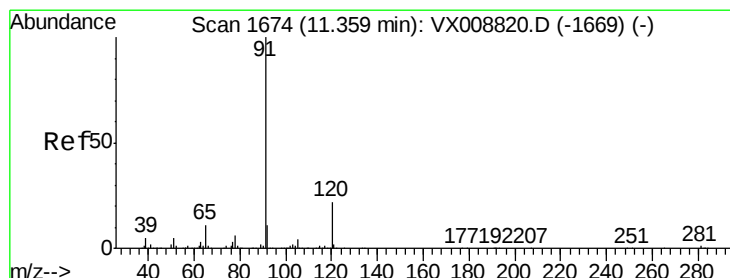
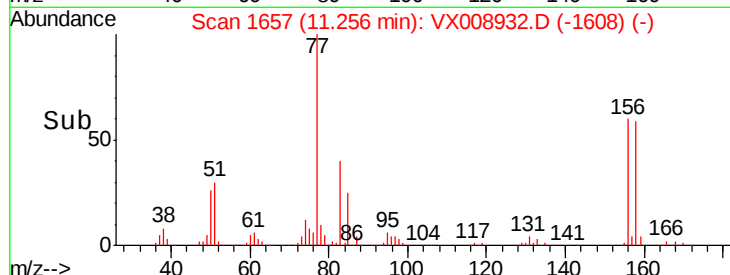
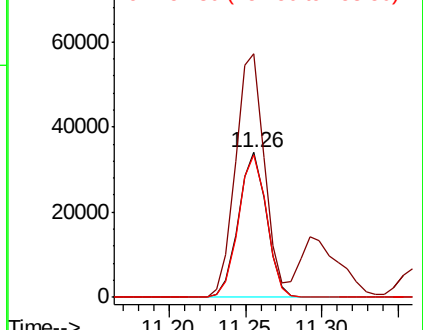
158 98.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.480 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008932.D

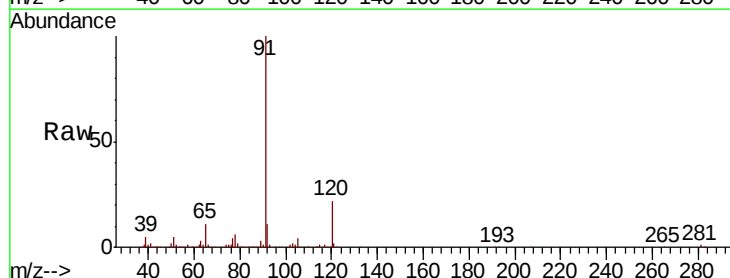
Acq: 13 Apr 2019 15:22

Tgt Ion: 91 Resp: 202259

Ion Ratio Lower Upper

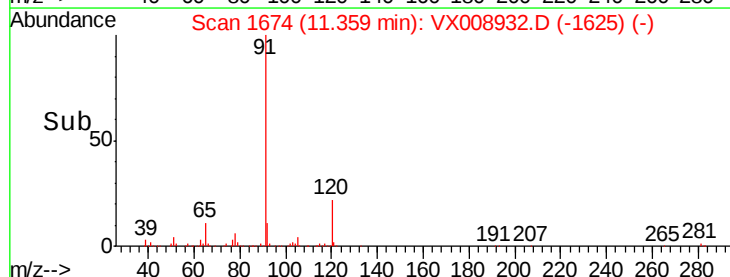
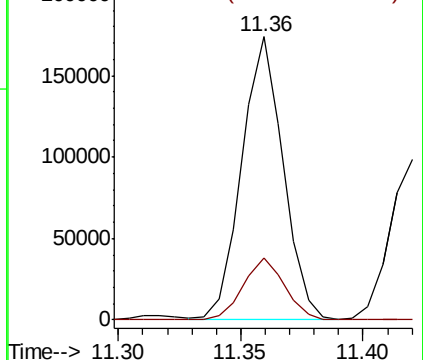
91 100

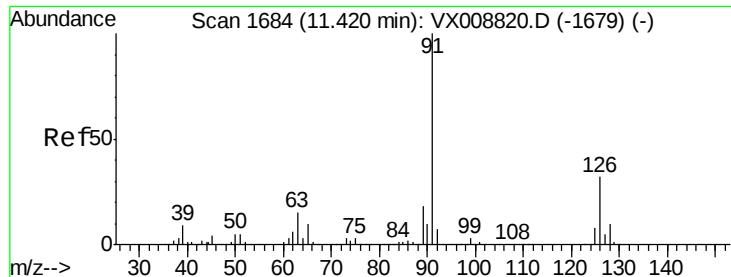
120 22.2 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

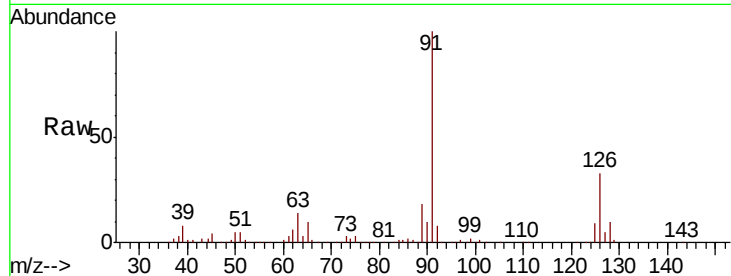




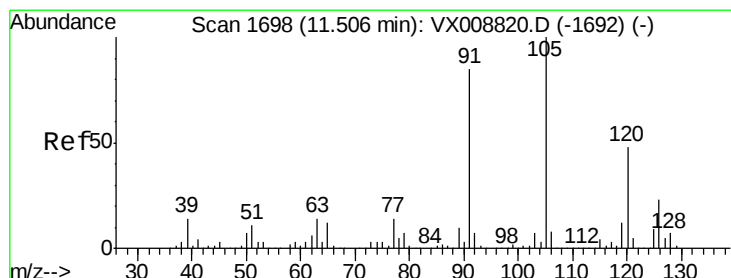
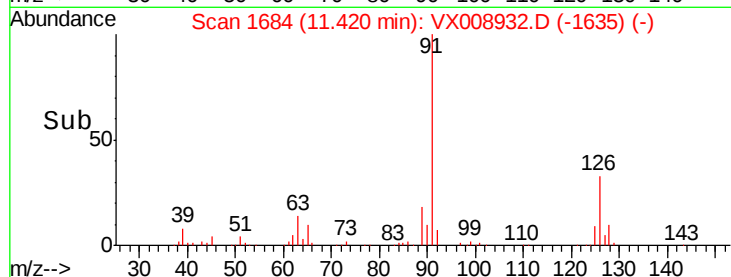
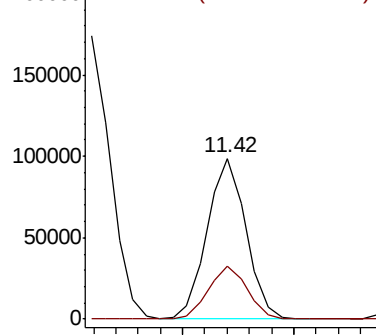
#79
 2-Chlorotoluene
 Concen: 19.112 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 120089
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.1 48.3

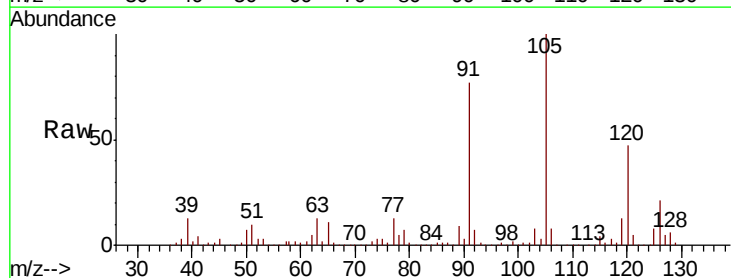


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

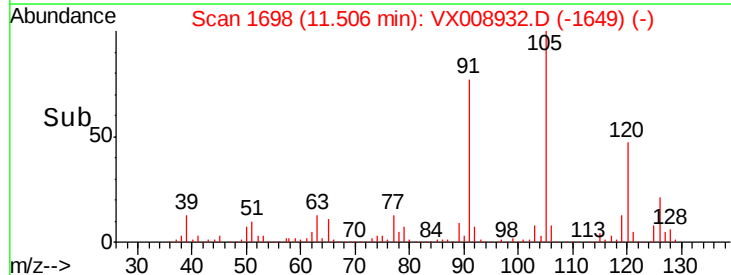
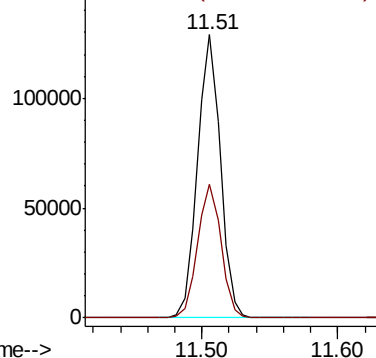


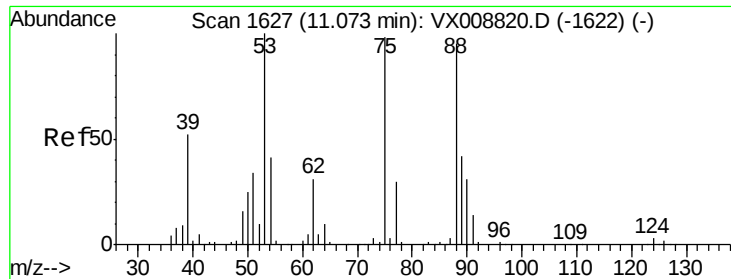
#80
 1,3,5-Trimethylbenzene
 Concen: 20.117 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Tgt Ion:105 Resp: 150582
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.5 70.6



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

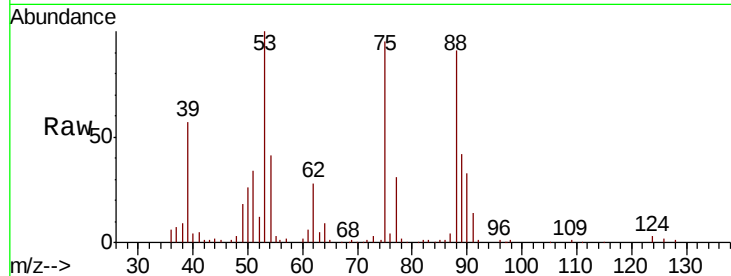




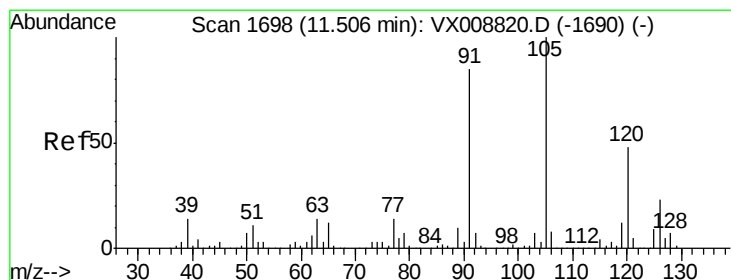
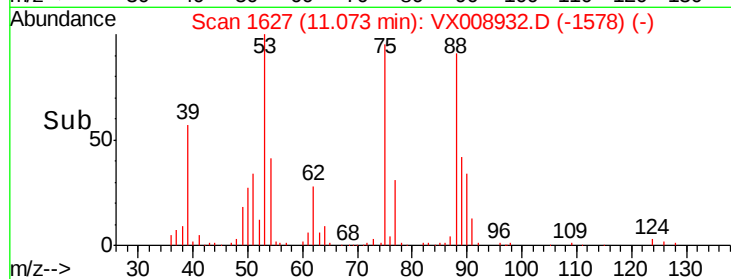
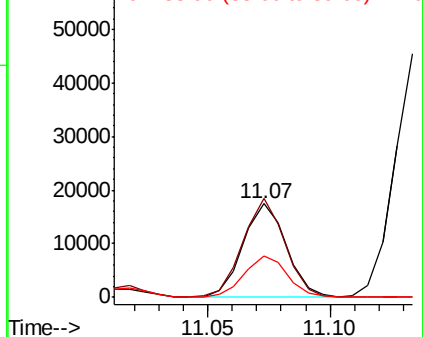
#81
trans-1,4-Dichloro-2-butene
Concen: 20.095 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 21549
Ion Ratio Lower Upper
75 100
53 101.9 81.3 121.9
89 44.1 35.6 53.4

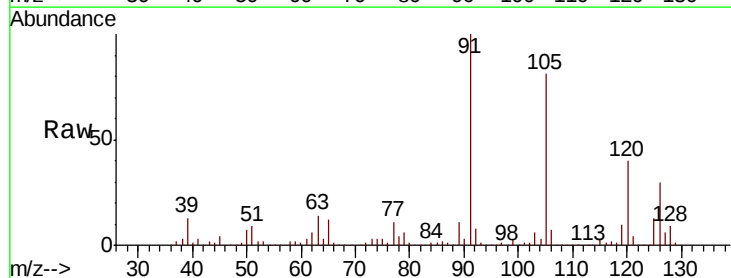


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

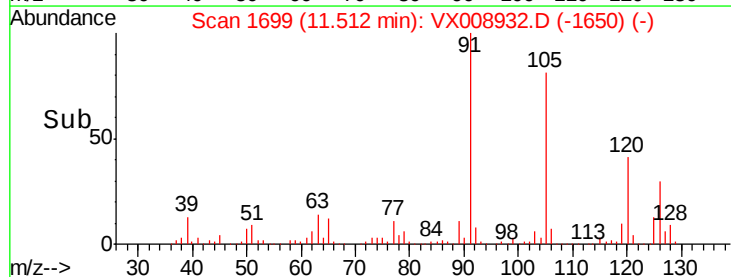
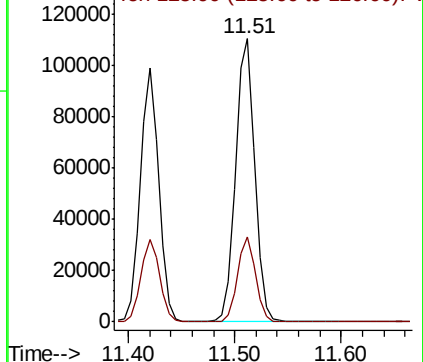


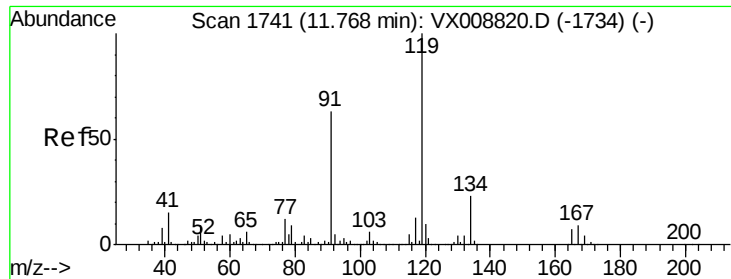
#82
4-Chlorotoluene
Concen: 19.168 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 91 Resp: 139414
Ion Ratio Lower Upper
91 100
126 28.6 13.9 41.6



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

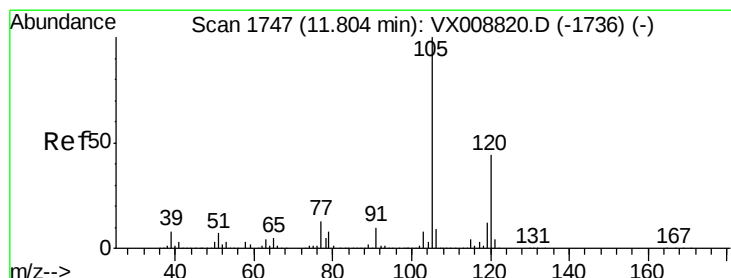
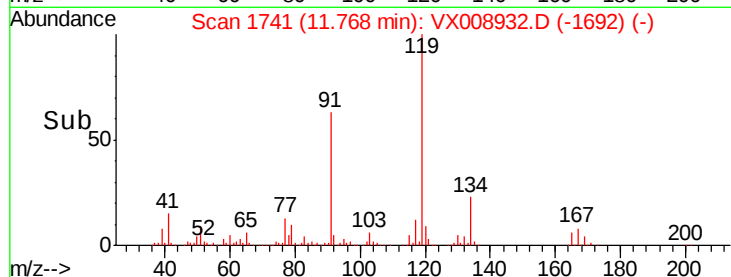
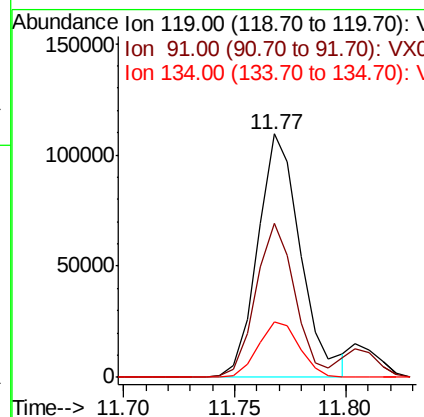
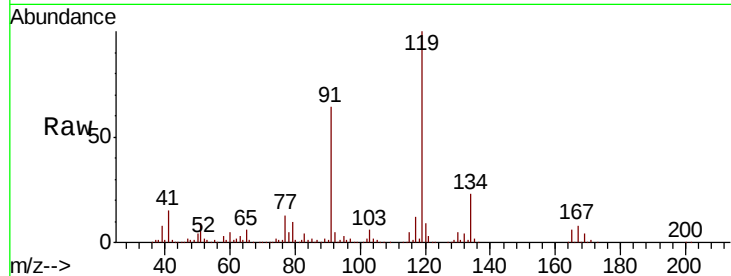




#83
tert-Butylbenzene
Concen: 20.346 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

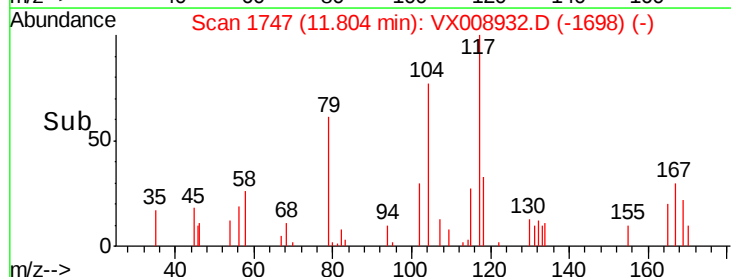
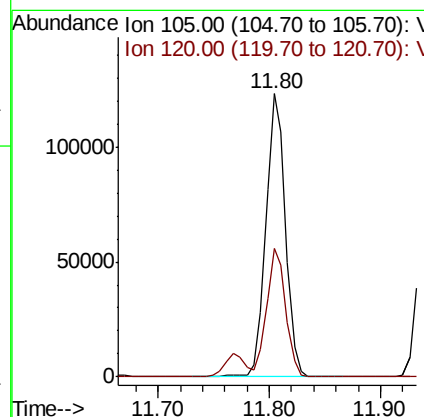
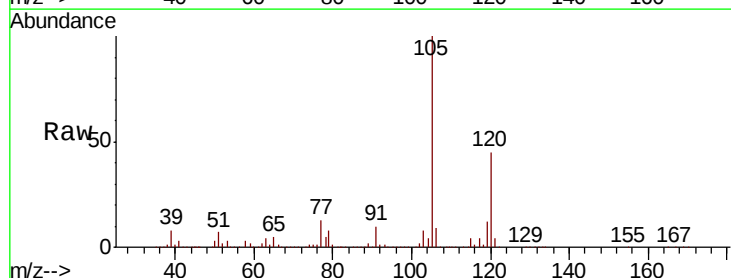
Instrument :
MSVOA_X
ClientSampled :

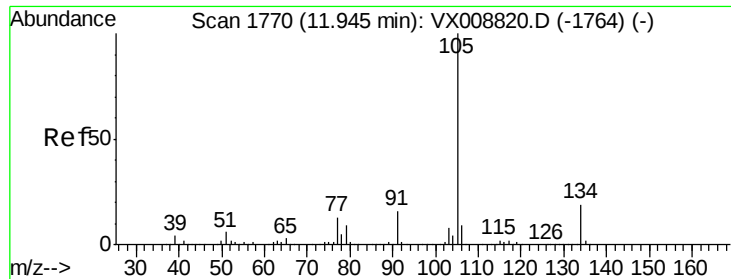
Tot Ion:119 Resp: 146522
Ion Ratio Lower Upper
119 100
91 58.3 30.0 90.1
134 22.0 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 19.974 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion:105 Resp: 151388
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.3





#85

sec-Butylbenzene

Concen: 20.085 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

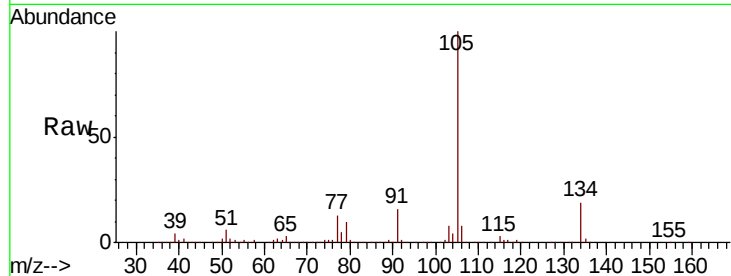
ClientSampleId :

Tot Ion:105 Resp: 171813

Ion Ratio Lower Upper

105 100

134 19.4 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

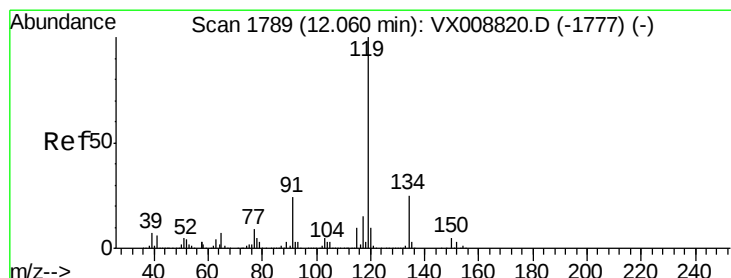
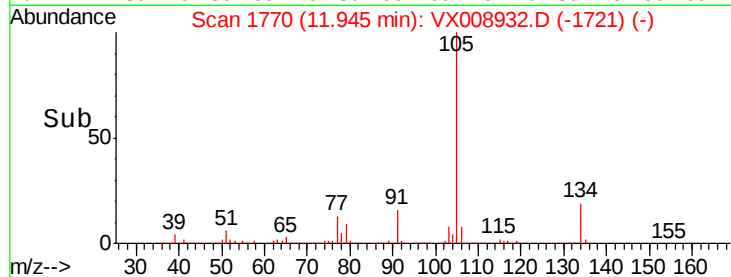
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.209 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

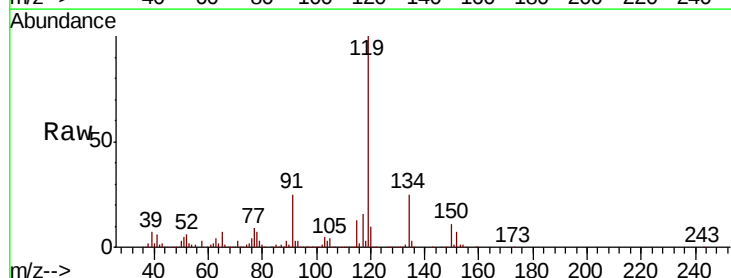
Tgt Ion:119 Resp: 155162

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.6 12.2 36.6



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): VX0

12.06

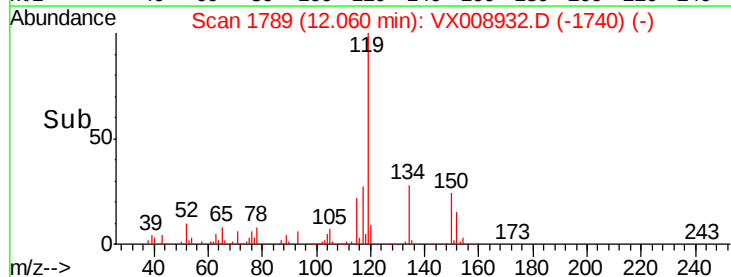
150000

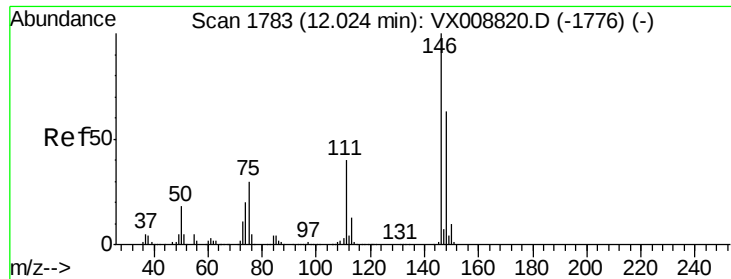
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.671 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008932.D

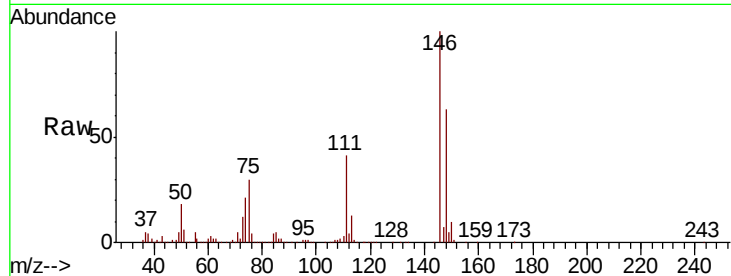
Acq: 13 Apr 2019 15:22

Instrument :

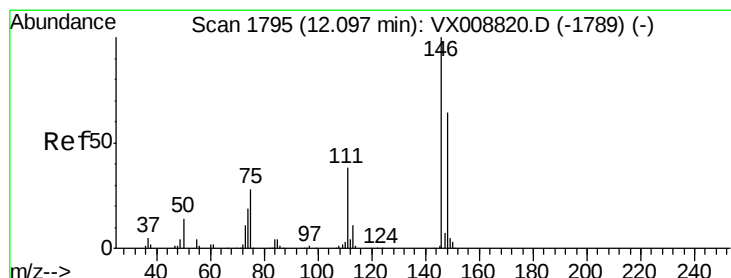
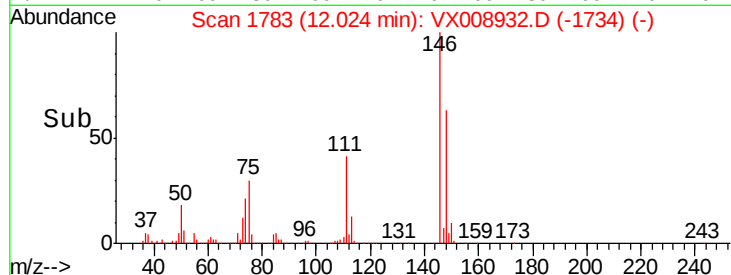
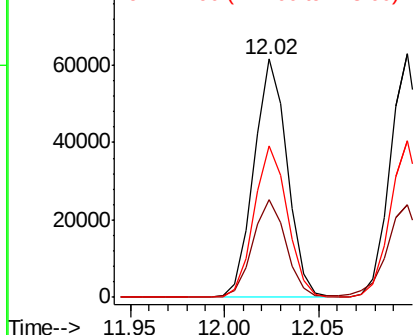
MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	75494
Ion	Ratio	Lower Upper
146	100	
111	41.4	20.5 61.5
148	63.5	31.6 94.7



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



#88

1,4-Dichlorobenzene

Concen: 19.462 ug/l

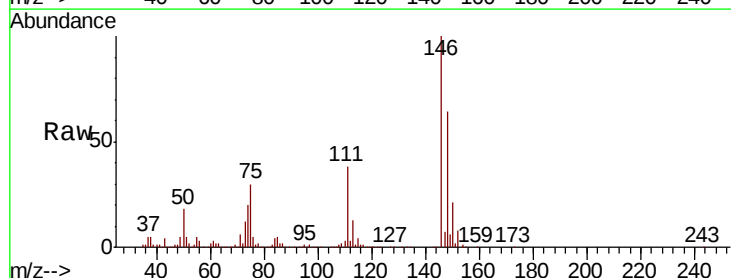
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

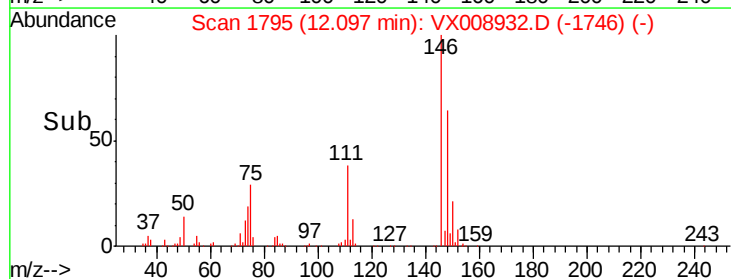
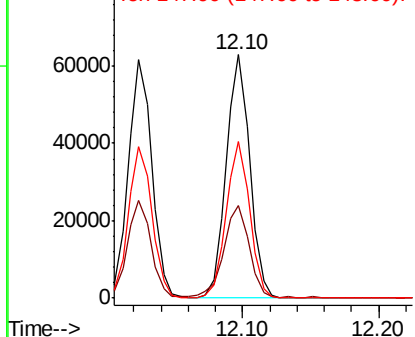
Lab File: VX008932.D

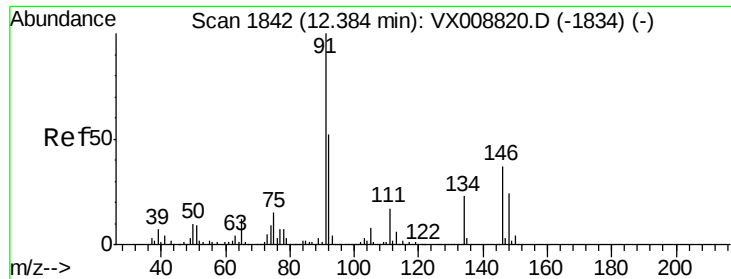
Acq: 13 Apr 2019 15:22

Tgt Ion:146	Resp:	75635
Ion	Ratio	Lower Upper
146	100	
111	40.7	20.2 60.6
148	63.9	32.0 96.0



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

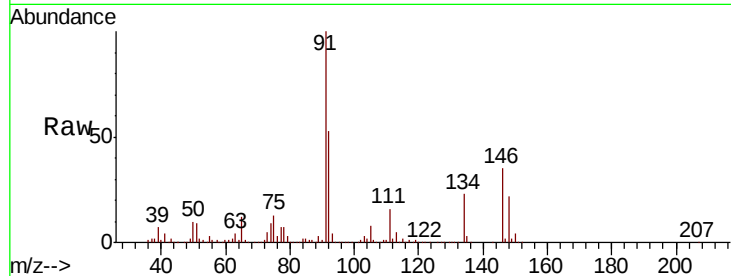




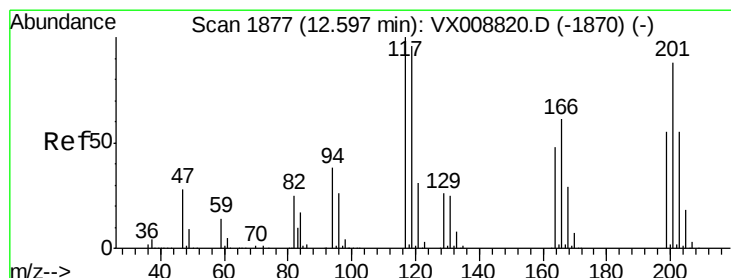
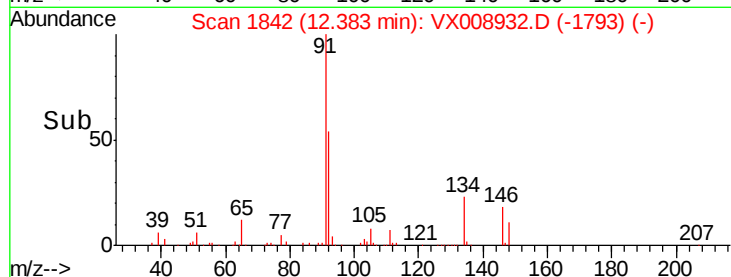
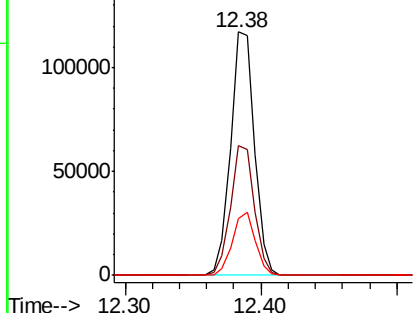
#89
n-Butylbenzene
Concen: 19.876 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 143110
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 24.7 12.0 36.0

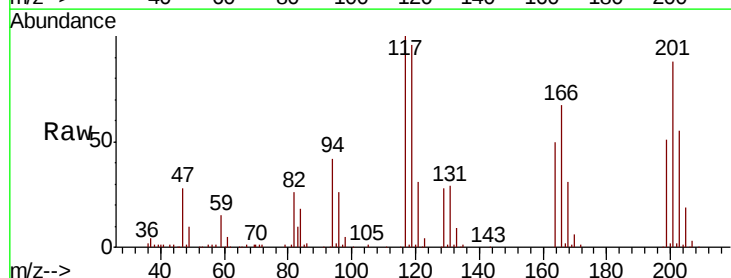


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

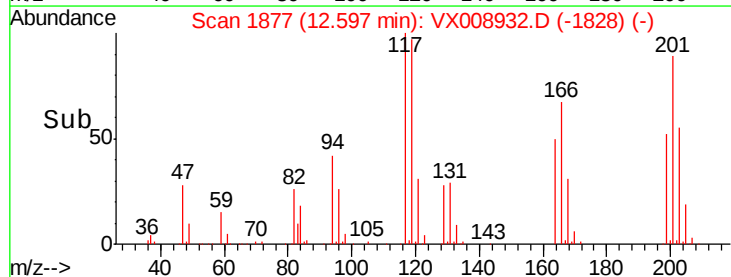
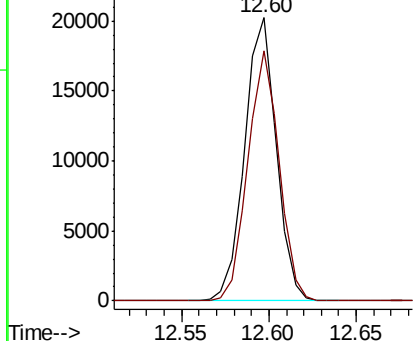


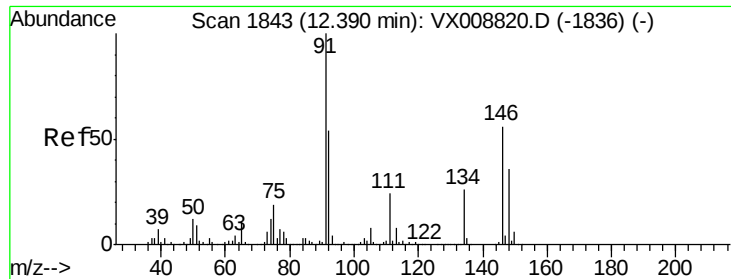
#90
Hexachloroethane
Concen: 19.981 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008932.D
Acq: 13 Apr 2019 15:22

Tgt Ion: 117 Resp: 25444
Ion Ratio Lower Upper
117 100
201 87.1 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

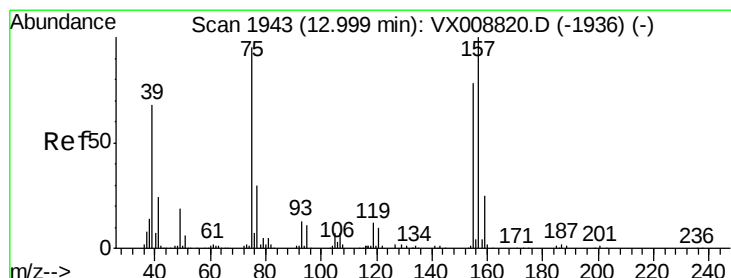
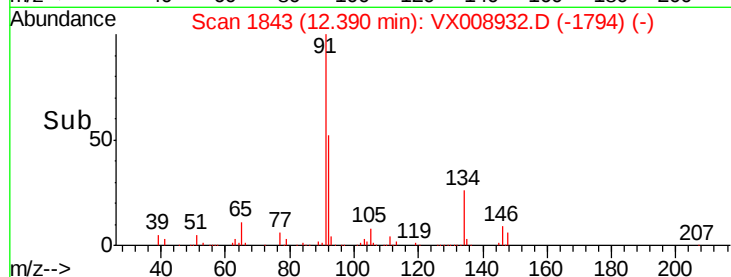
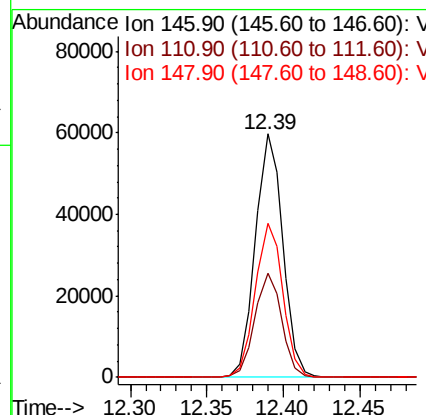
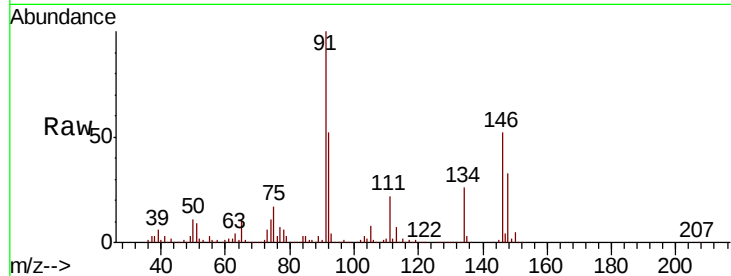




#91
 1,2-Dichlorobenzene
 Concen: 19.638 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

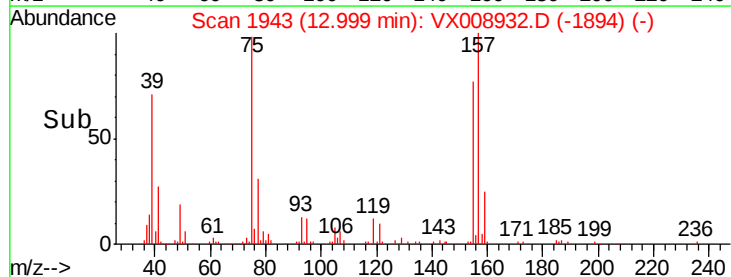
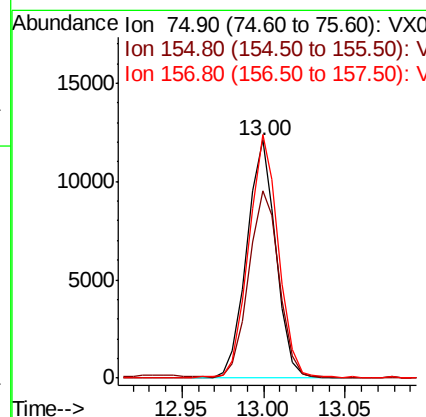
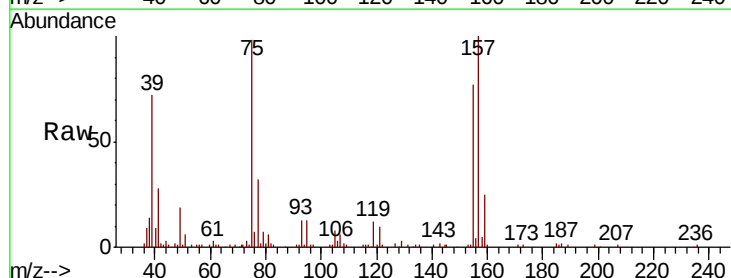
Instrument :
 MSVOA_X
 ClientSampleId :

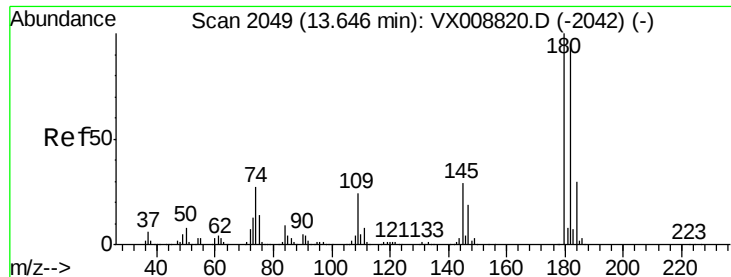
Tot Ion:146 Resp: 74829
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.9
 148 63.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.251 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Tgt Ion: 75 Resp: 15108
 Ion Ratio Lower Upper
 75 100
 155 82.2 39.9 119.6
 157 104.2 51.5 154.7

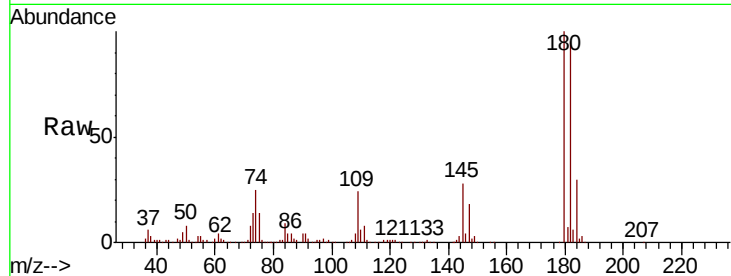




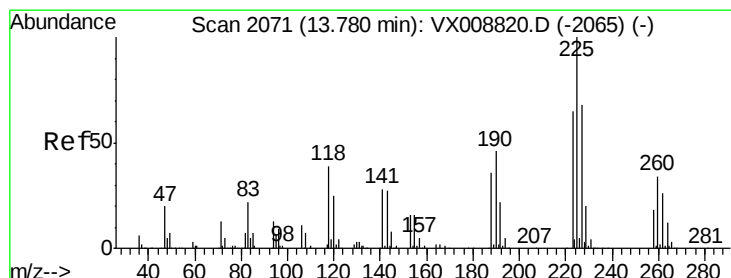
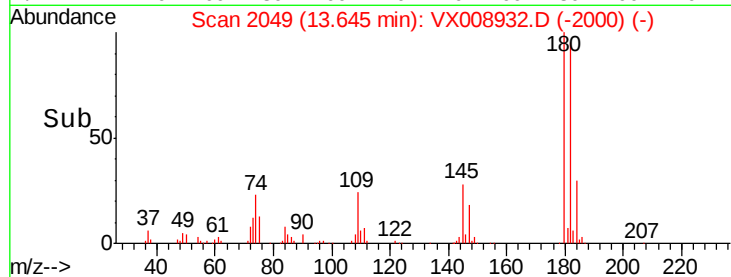
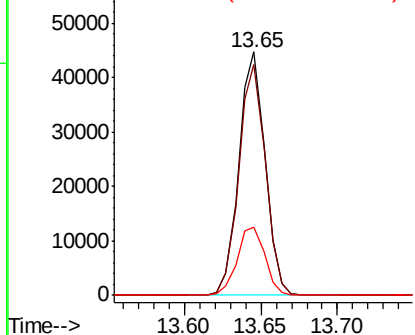
#93
 1,2,4-Trichlorobenzene
 Concen: 20.065 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 53160
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.2 141.6
 145 29.6 15.3 45.9

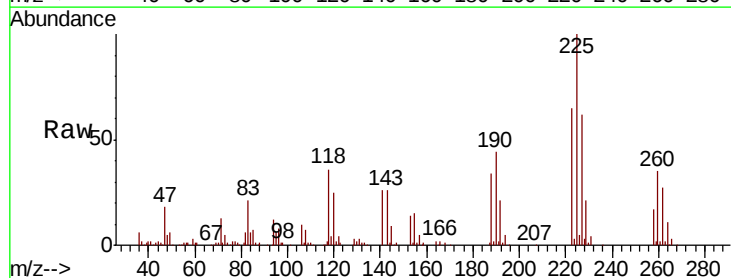


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

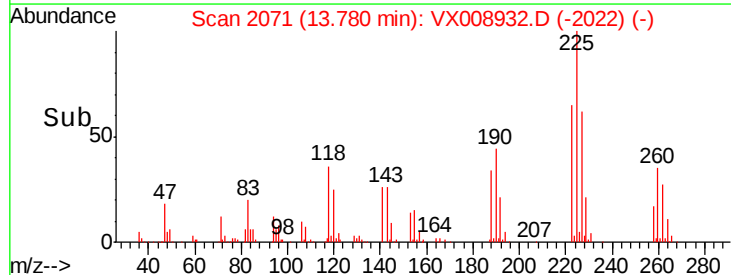
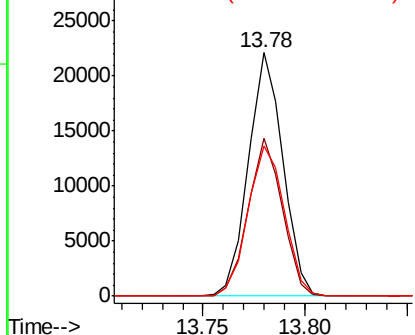


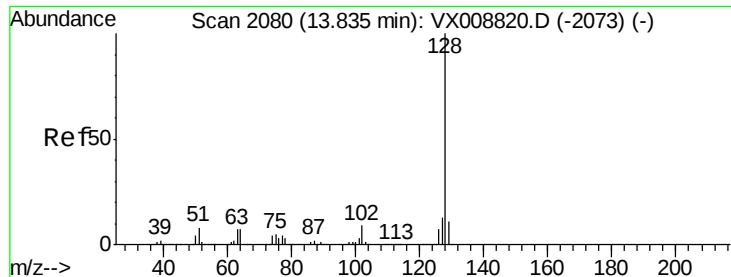
#94
 Hexachlorobutadiene
 Concen: 20.503 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008932.D
 Acq: 13 Apr 2019 15:22

Tgt Ion:225 Resp: 26051
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.2 93.6
 227 64.9 31.9 95.5



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





#95

Naphthalene

Concen: 20.695 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

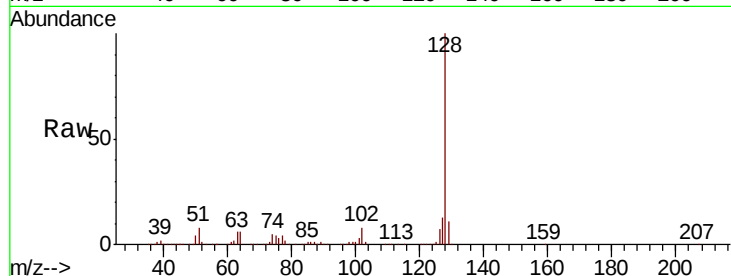
Tot Ion:128 Resp: 183246

Ion Ratio Lower Upper

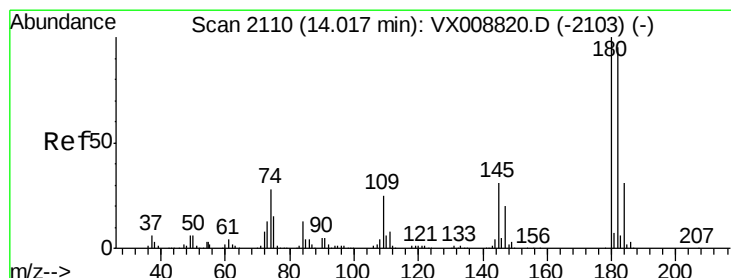
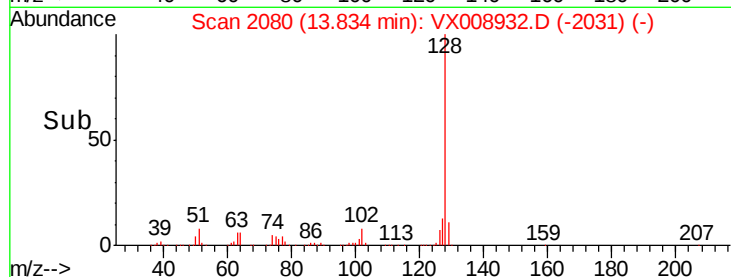
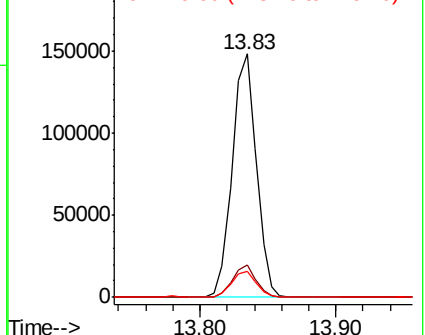
128 100

127 12.8 10.4 15.6

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
200000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.076 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008932.D

Acq: 13 Apr 2019 15:22

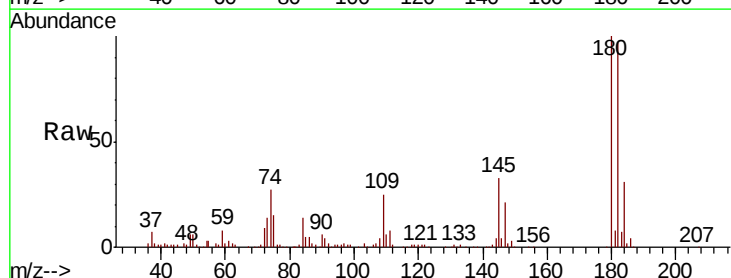
Tgt Ion:180 Resp: 53144

Ion Ratio Lower Upper

180 100

182 96.5 48.1 144.3

145 31.6 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V
60000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

