

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\
 Data File : VX013742.D
 Acq On : 03 Dec 2019 22:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 00:56:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	680687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1055490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	955413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	482536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	372166	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
35) Dibromofluoromethane	5.49	113	312100	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	8.71	98	1185510	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.14	95	432105	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	350557	46.269	ug/l	96
3) Chloromethane	1.32	50	377172	44.367	ug/l	99
4) Vinyl Chloride	1.40	62	464045	48.498	ug/l	98
5) Bromomethane	1.63	94	223517	34.784	ug/l	99
6) Chloroethane	1.71	64	250923	46.084	ug/l	100
7) Trichlorofluoromethane	1.92	101	510255	48.025	ug/l	97
8) Diethyl Ether	2.18	74	231620	48.186	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	292365	45.050	ug/l	98
10) Methyl Iodide	2.50	142	246534	31.404	ug/l	99
11) Tert butyl alcohol	3.04	59	423192	216.990	ug/l	99
12) 1,1-Dichloroethene	2.36	96	311926	48.152	ug/l	99
13) Acrolein	2.28	56	254833	196.692	ug/l	99
14) Allyl chloride	2.72	41	566491	48.188	ug/l	99
15) Acrylonitrile	3.13	53	973970	241.936	ug/l	100
16) Acetone	2.43	43	1010707	259.093	ug/l	98
17) Carbon Disulfide	2.56	76	874435	47.352	ug/l	99
18) Methyl Acetate	2.76	43	572460	52.700	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1089456	50.767	ug/l	98
20) Methylene Chloride	2.85	84	355335	47.413	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	339287	48.078	ug/l	98
22) Diisopropyl ether	3.84	45	1115303	49.271	ug/l	97
23) Vinyl Acetate	3.80	43	4386209	232.926	ug/l	100
24) 1,1-Dichloroethane	3.69	63	614901	49.691	ug/l	98
25) 2-Butanone	4.66	43	1441086	248.568	ug/l	100
26) 2,2-Dichloropropane	4.57	77	444741	43.439	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	395050	48.746	ug/l	98
28) Bromochloromethane	5.00	49	252093	51.552	ug/l	100
29) Tetrahydrofuran	5.11	42	881969	246.773	ug/l	99
30) Chloroform	5.20	83	605688	48.264	ug/l	100
31) Cyclohexane	5.57	56	534784	45.819	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	525417	50.101	ug/l	99
36) 1,1-Dichloropropene	5.79	75	451019	47.073	ug/l	100
37) Ethyl Acetate	4.82	43	529566	49.268	ug/l	99
38) Carbon Tetrachloride	5.78	117	451652	51.122	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	527077	44.504	ug/l	96
40) Benzene	6.14	78	1406453	48.197	ug/l	100
41) Methacrylonitrile	5.03	41	293849	49.849	ug/l	99
42) 1,2-Dichloroethane	6.18	62	490641	49.301	ug/l	99
43) Isopropyl Acetate	6.43	43	884469	49.982	ug/l	100
44) Trichloroethene	7.20	130	385173	48.094	ug/l	97
45) 1,2-Dichloropropane	7.51	63	361704	49.541	ug/l	98
46) Dibromomethane	7.65	93	240072	48.414	ug/l	99
47) Bromodichloromethane	7.89	83	486675	51.916	ug/l	100
48) Methyl methacrylate	7.76	41	437002	50.827	ug/l	99
49) 1,4-Dioxane	7.73	88	162737	845.588	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2715968	244.000	ug/l	100
52) Toluene	8.78	92	898826	49.581	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	535714	50.207	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	581035	49.843	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	361582	49.495	ug/l	97
56) Ethyl methacrylate	9.17	69	596704	50.804	ug/l	99
57) 1,3-Dichloropropane	9.37	76	604908	48.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1109062	240.837	ug/l	99
59) 2-Hexanone	9.48	43	2116353	243.782	ug/l	100
60) Dibromochloromethane	9.57	129	403258	53.189	ug/l	99
61) 1,2-Dibromoethane	9.67	107	384191	49.239	ug/l	99
64) Tetrachloroethene	9.33	164	427336	59.978	ug/l	99
65) Chlorobenzene	10.14	112	953786	48.083	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	366323	51.428	ug/l	100
67) Ethyl Benzene	10.25	91	1677879	49.224	ug/l	99
68) m/p-Xylenes	10.35	106	1285273	98.487	ug/l	100
69) o-Xylene	10.70	106	625400	49.136	ug/l	99
70) Styrene	10.71	104	1071267	50.035	ug/l	99
71) Bromoform	10.85	173	322730	54.758	ug/l #	100
73) Isopropylbenzene	11.01	105	1647117	48.662	ug/l	100
74) N-amyl acetate	10.89	43	783332	50.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	559903	47.699	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	651933	60.069	ug/l	88
77) Bromobenzene	11.25	156	441242	48.254	ug/l	98
78) n-propylbenzene	11.35	91	1839587	48.686	ug/l	99
79) 2-Chlorotoluene	11.42	91	1093849	48.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1371245	49.429	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	190940	48.132	ug/l	98
82) 4-Chlorotoluene	11.51	91	1262309	48.084	ug/l	99
83) tert-Butylbenzene	11.76	119	1320436	46.835	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1387469	49.280	ug/l	100
85) sec-Butylbenzene	11.94	105	1582808	49.151	ug/l	100
86) p-Isopropyltoluene	12.06	119	1465332	48.912	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	761300	47.761	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	760556	46.845	ug/l	99
89) n-Butylbenzene	12.39	91	1245583	48.748	ug/l	99
90) Hexachloroethane	12.59	117	273430	50.494	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	768518	48.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	128736	50.362	ug/l	96

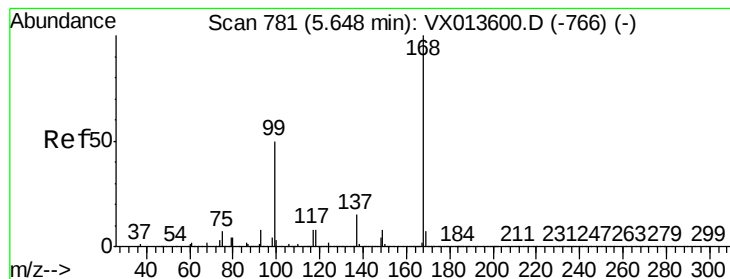
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	544565	49.614	ug/l	99
94) Hexachlorobutadiene	13.78	225	251758	47.748	ug/l	99
95) Naphthalene	13.83	128	1705549	52.178	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	543994	50.057	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

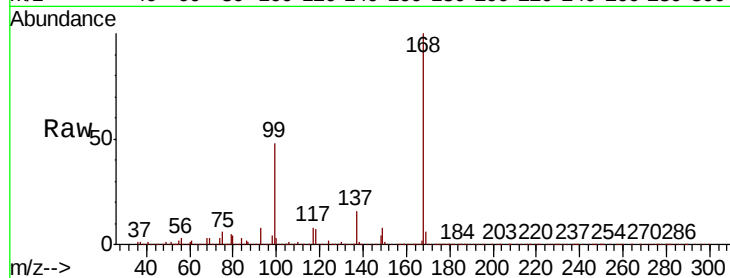
ClientSampleId :

Tot Ion:168 Resp: 680687

Ion Ratio Lower Upper

168 100

99 47.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

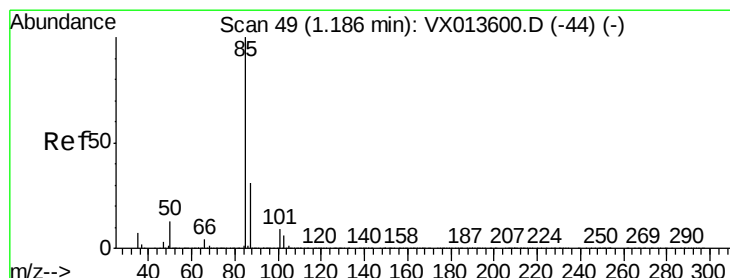
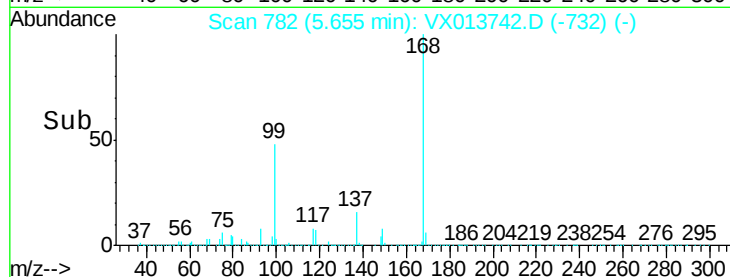
150000

100000

50000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 46.269 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013742.D

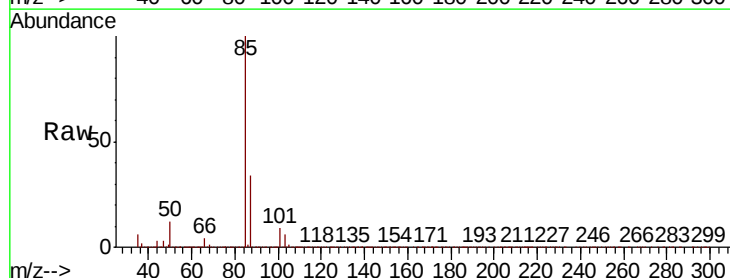
Acq: 03 Dec 2019 22:01

Tgt Ion: 85 Resp: 350557

Ion Ratio Lower Upper

85 100

87 33.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

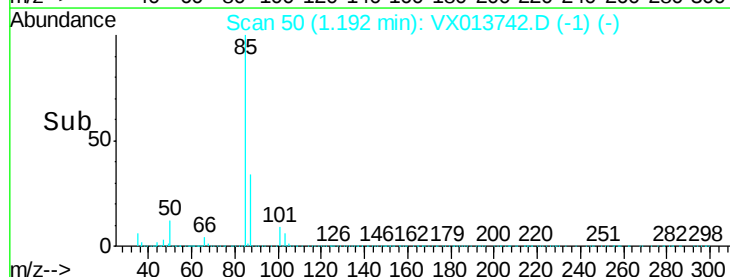
300000

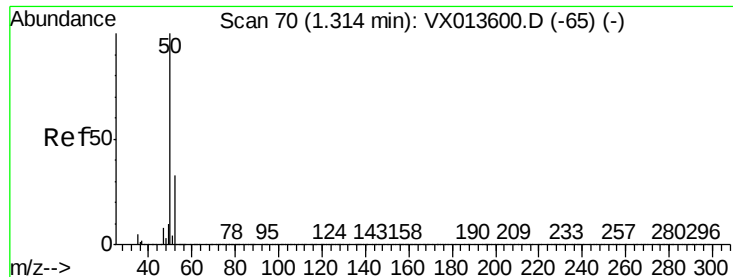
200000

100000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.367 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

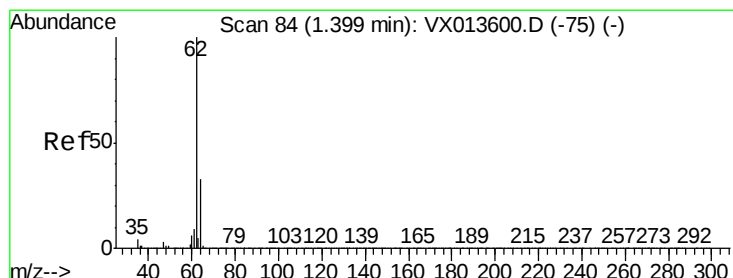
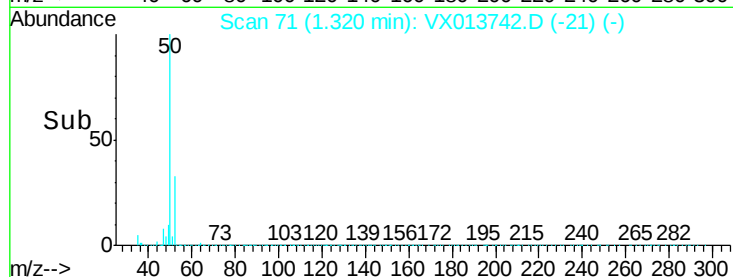
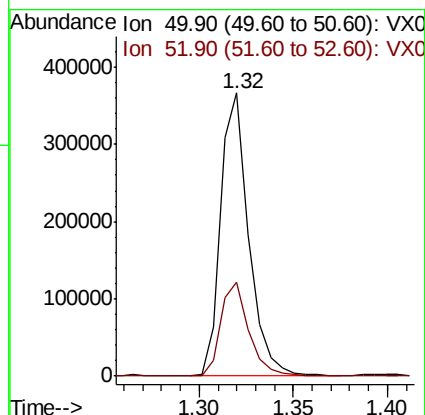
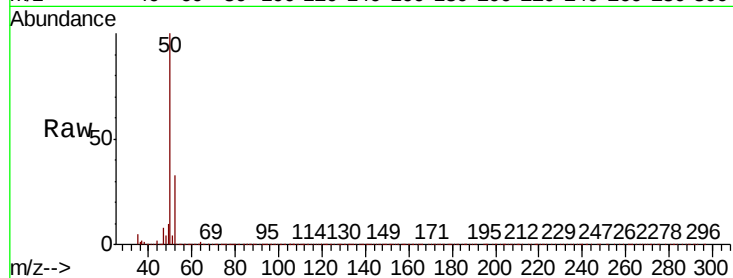
ClientSampleId :

Tot Ion: 50 Resp: 377172

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 48.498 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013742.D

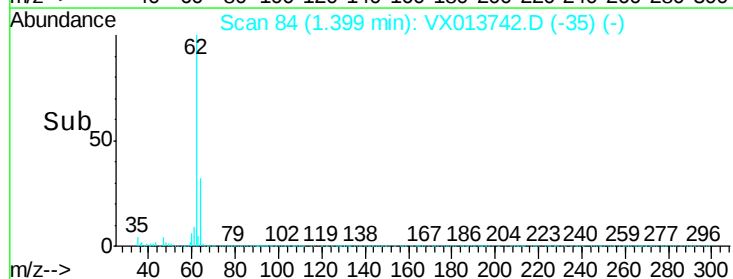
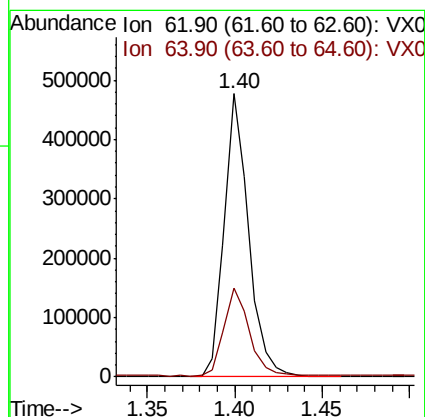
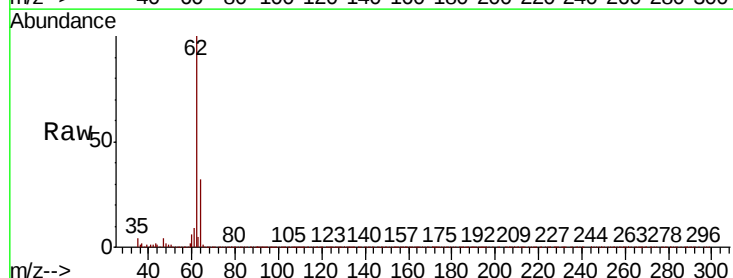
Acq: 03 Dec 2019 22:01

Tgt Ion: 62 Resp: 464045

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0





#5

Bromomethane

Concen: 34.784 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

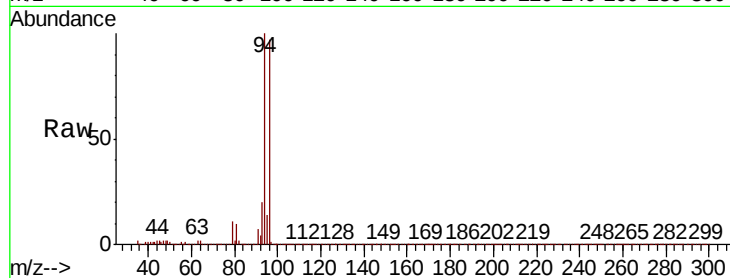
ClientSampled :

Tot Ion: 94 Resp: 223517

Ion Ratio Lower Upper

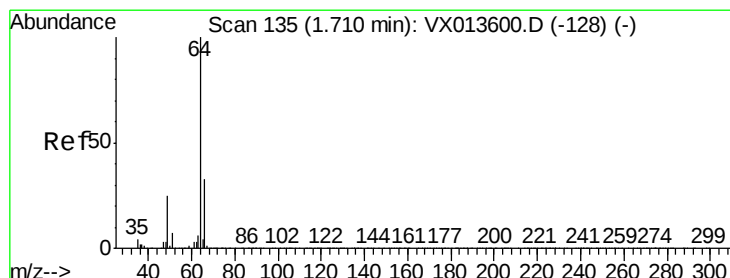
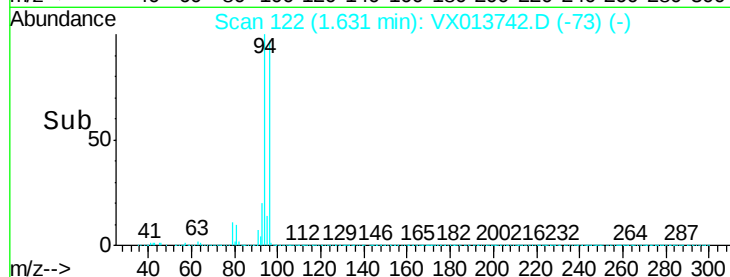
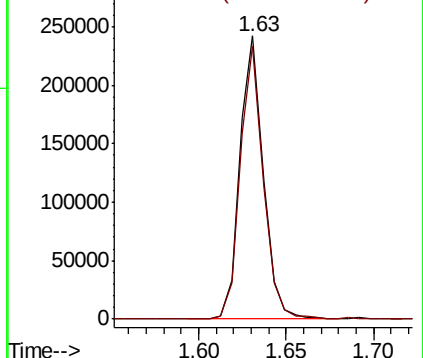
94 100

96 96.8 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.084 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013742.D

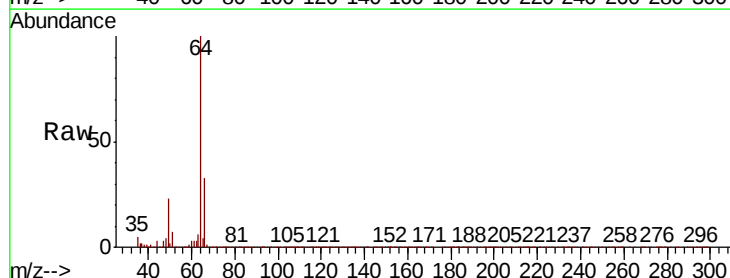
Acq: 03 Dec 2019 22:01

Tgt Ion: 64 Resp: 250923

Ion Ratio Lower Upper

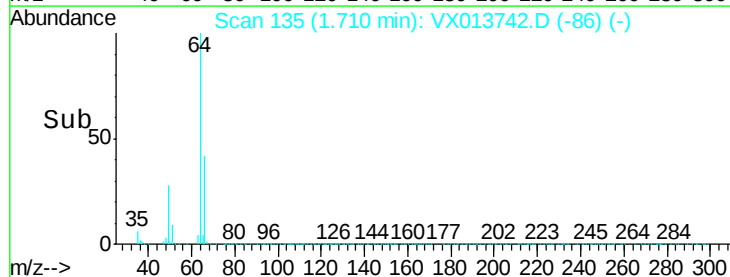
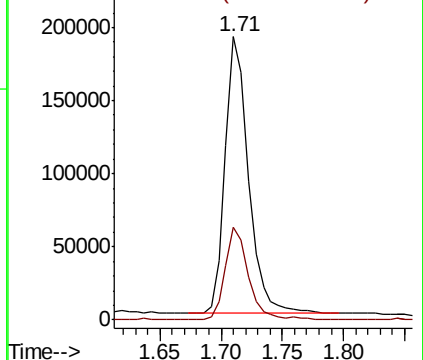
64 100

66 33.2 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



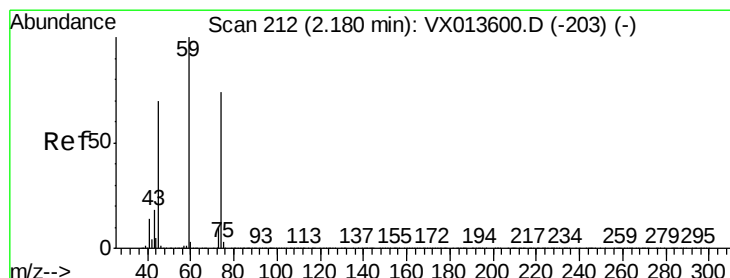
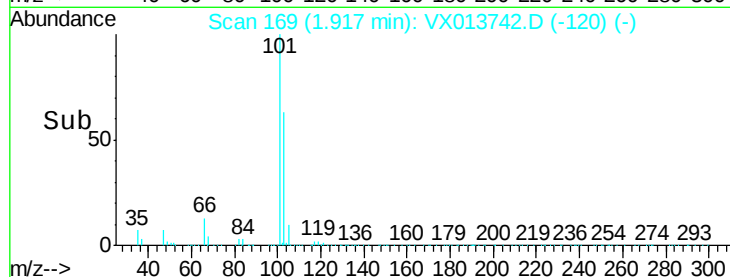
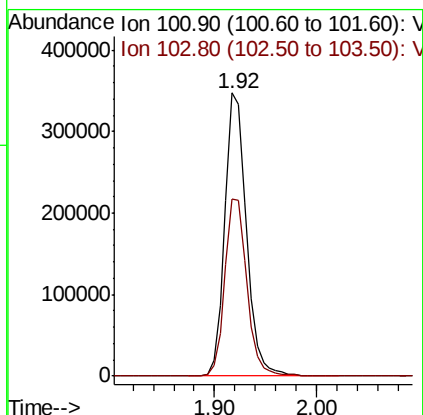
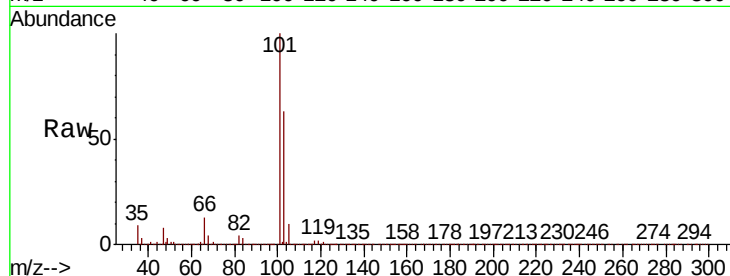


#7

Trichlorofluoromethane
Concen: 48.025 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :

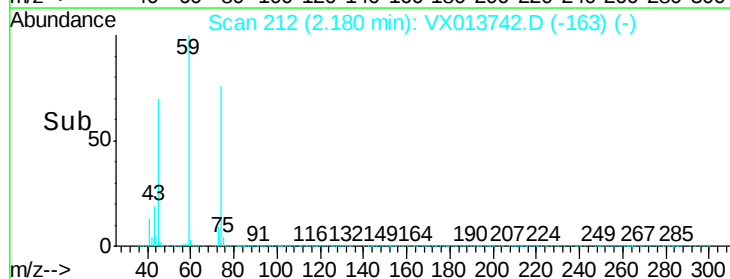
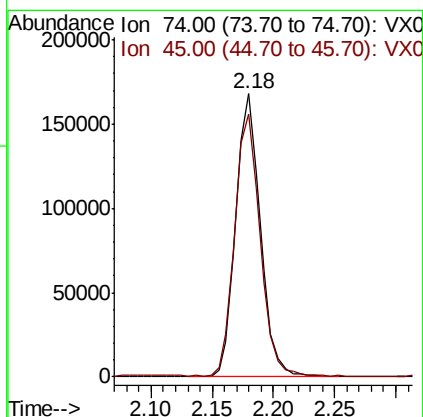
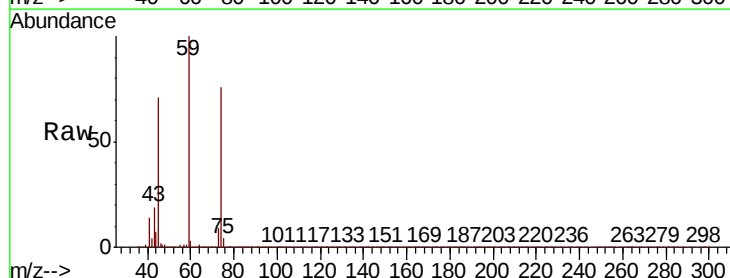
Tot Ion:101 Resp: 510255
Ion Ratio Lower Upper
101 100
103 62.5 51.8 77.6

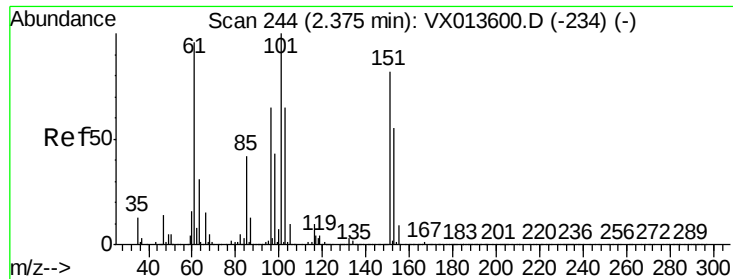


#8

Diethyl Ether
Concen: 48.186 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion: 74 Resp: 231620
Ion Ratio Lower Upper
74 100
45 96.1 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.050 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

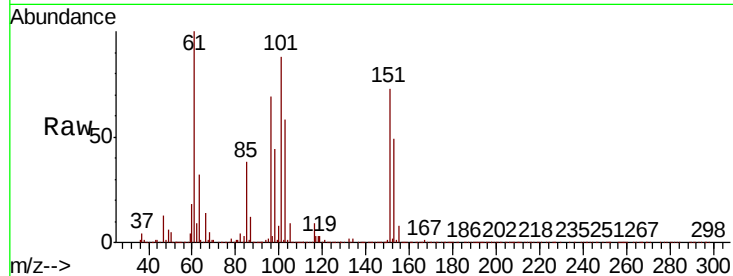
Tot Ion:101 Resp: 292365

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

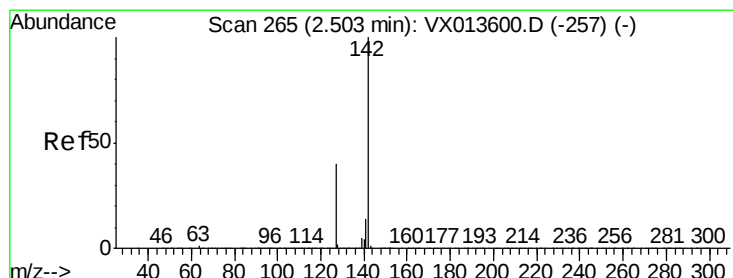
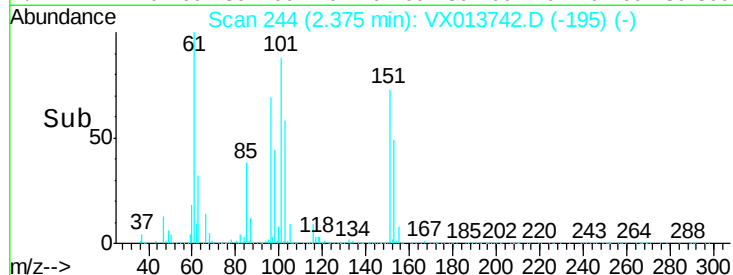
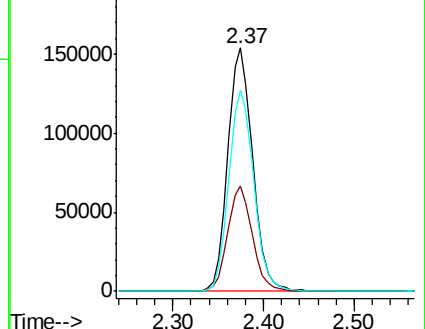
151 83.3 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 31.404 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

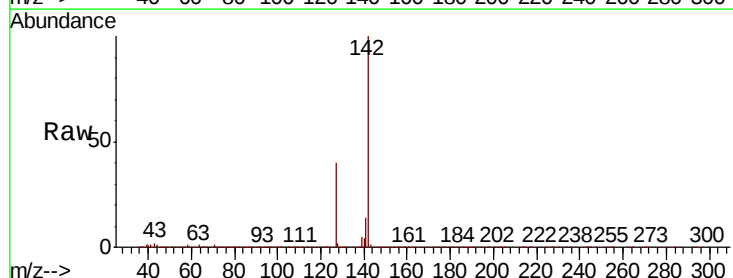
Tgt Ion:142 Resp: 246534

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.4

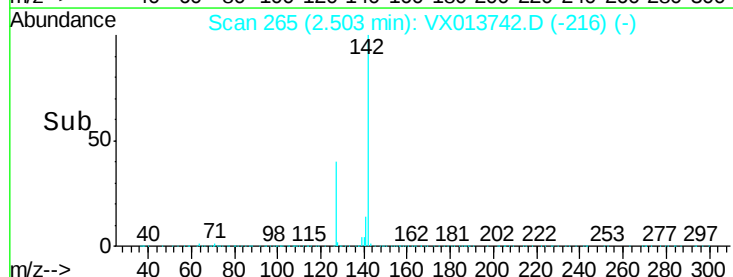
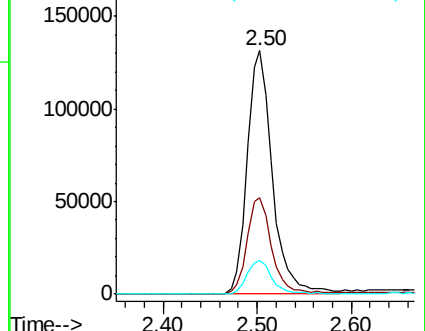
141 14.0 11.6 17.4

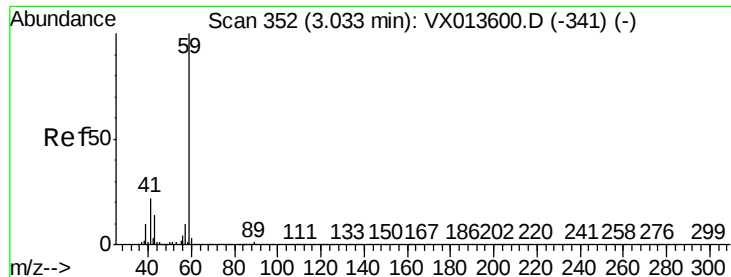


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



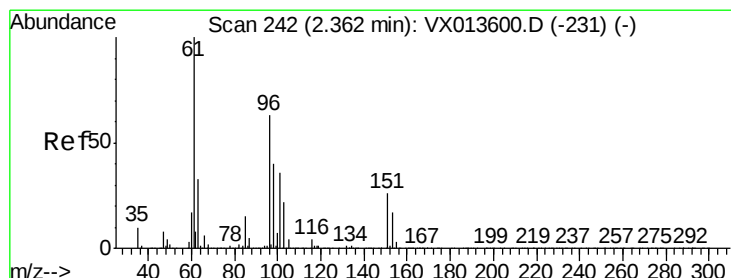
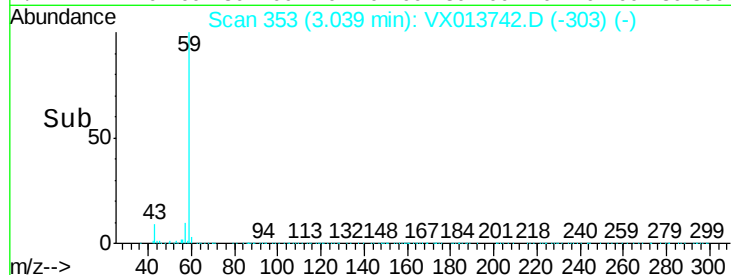
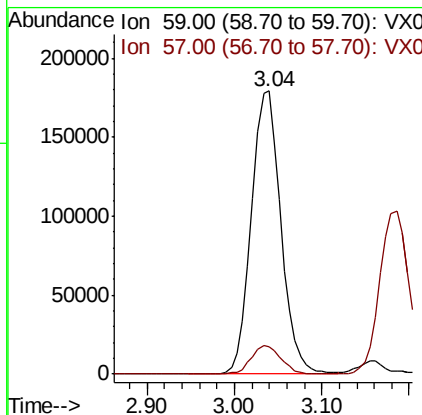
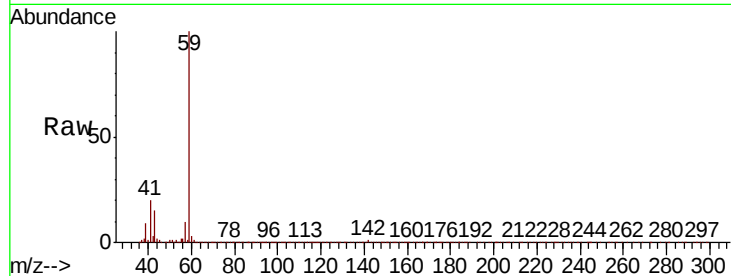


#11

Tert butyl alcohol
Concen: 216.990 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :

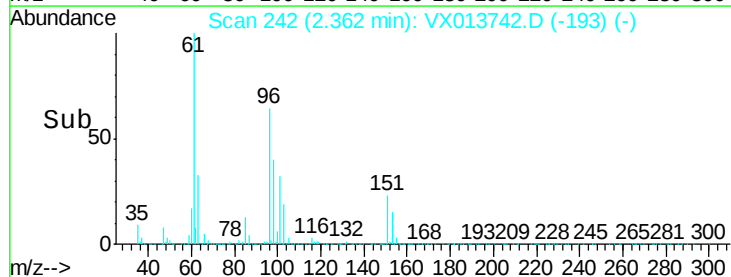
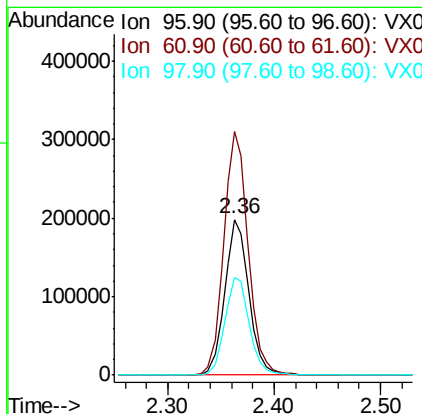
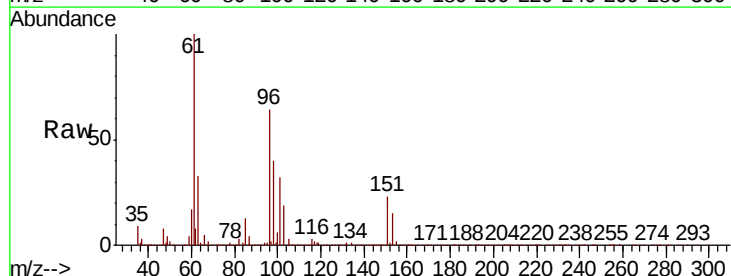
Tot Ion: 59 Resp: 423192
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6

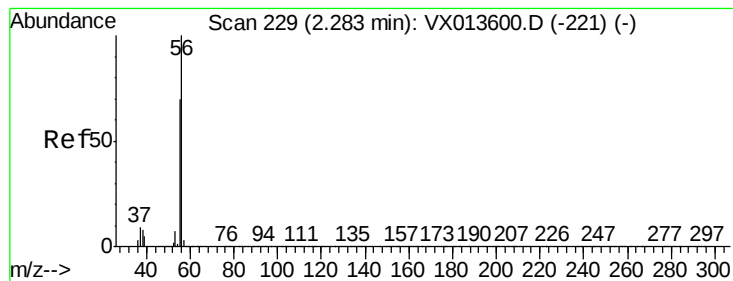


#12

1,1-Dichloroethene
Concen: 48.152 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion: 96 Resp: 311926
Ion Ratio Lower Upper
96 100
61 156.4 126.6 190.0
98 63.1 50.6 76.0





#13

Acrolein

Concen: 196.692 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

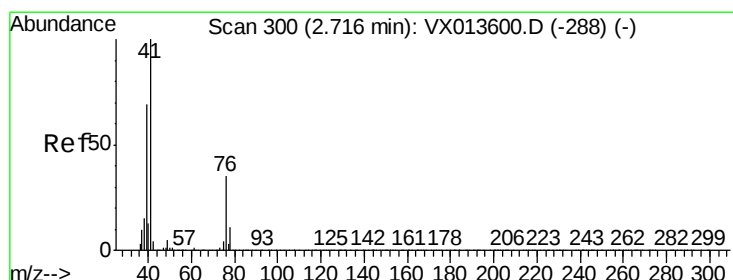
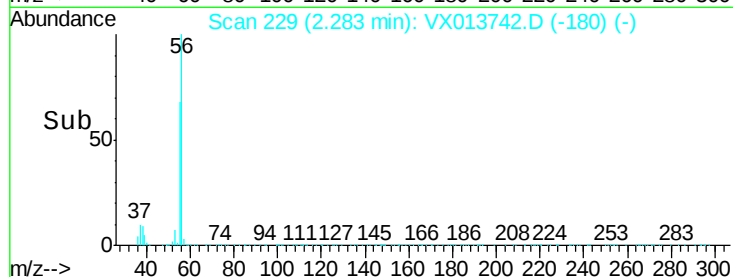
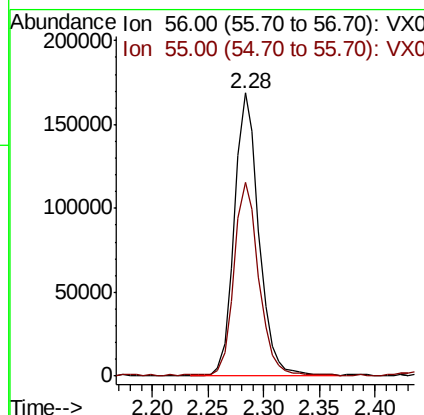
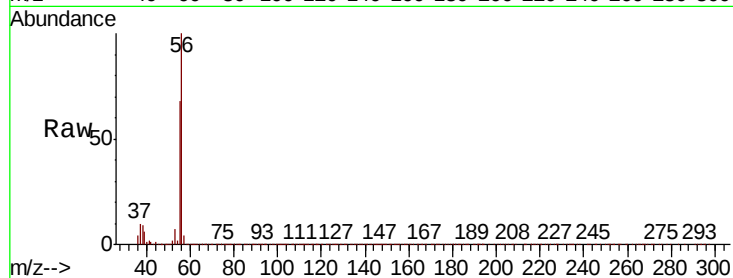
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 254833

Ion Ratio Lower Upper

56 100

55 69.4 56.2 84.4



#14

Allyl chloride

Concen: 48.188 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

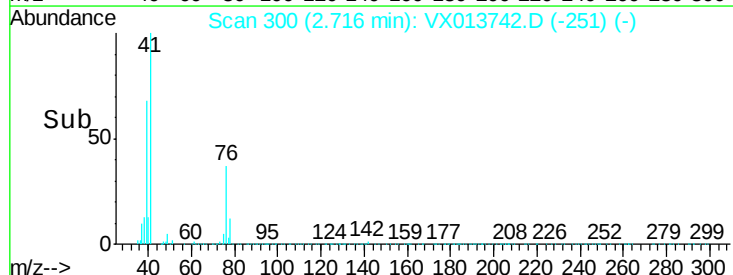
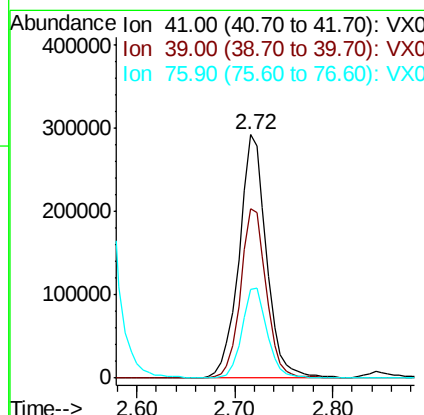
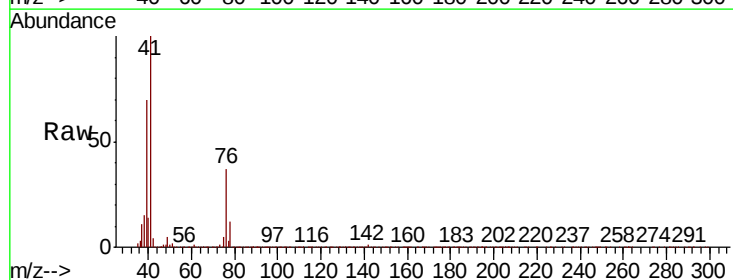
Tgt Ion: 41 Resp: 566491

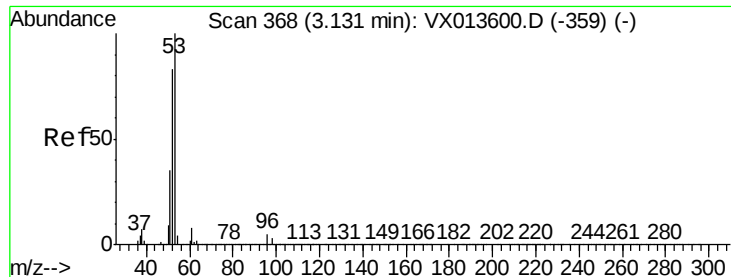
Ion Ratio Lower Upper

41 100

39 65.3 51.7 77.5

76 33.7 25.9 38.9





#15

Acrylonitrile

Concen: 241.936 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

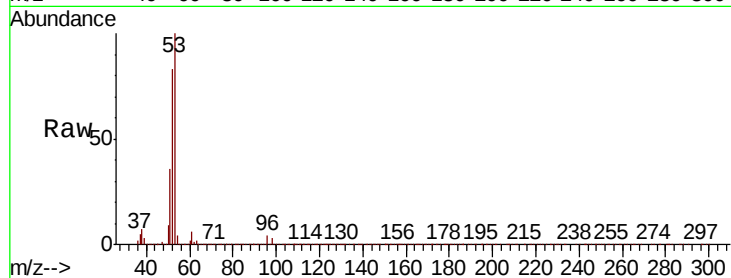
Tot Ion: 53 Resp: 973970

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

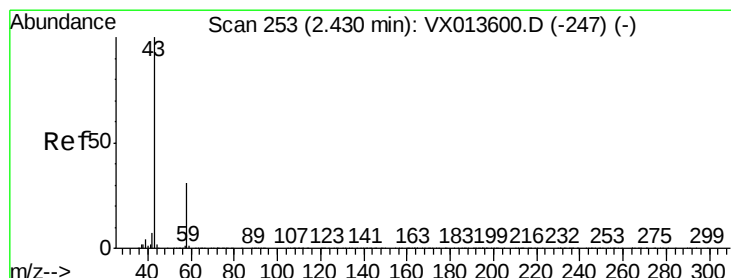
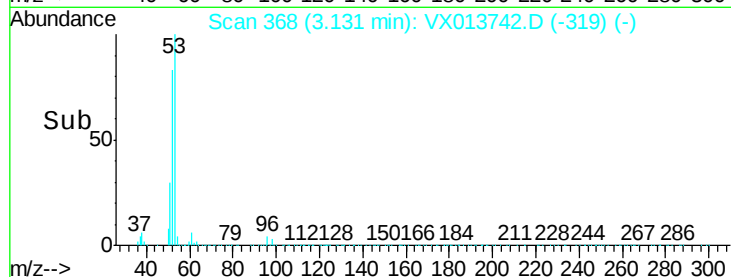
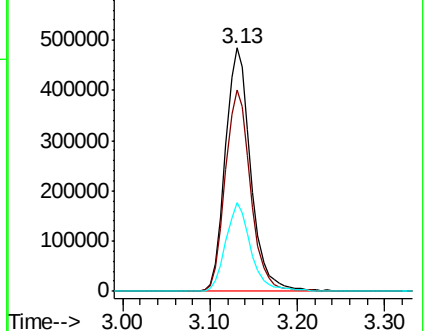
51 35.6 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 259.093 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013742.D

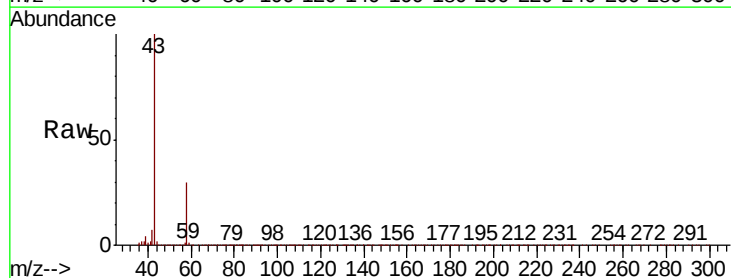
Acq: 03 Dec 2019 22:01

Tgt Ion: 43 Resp: 1010707

Ion Ratio Lower Upper

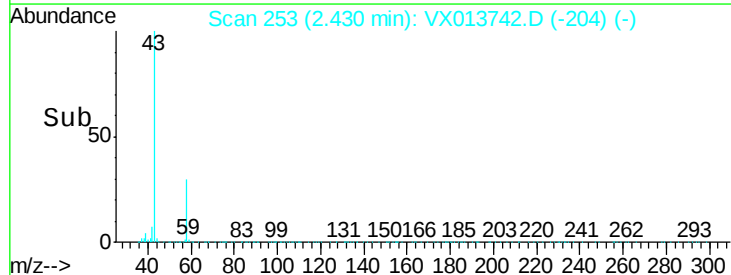
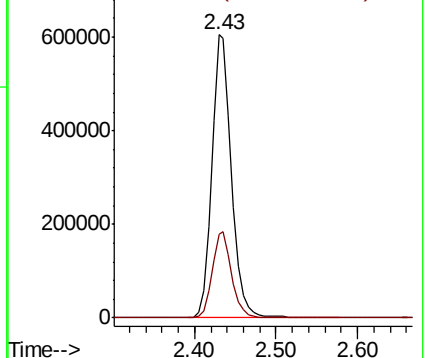
43 100

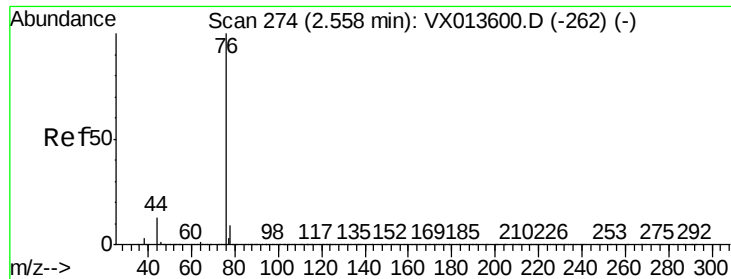
58 29.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

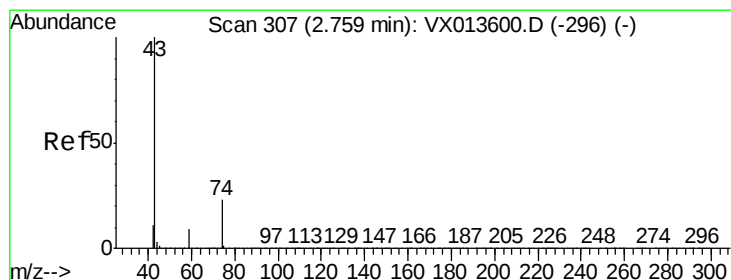
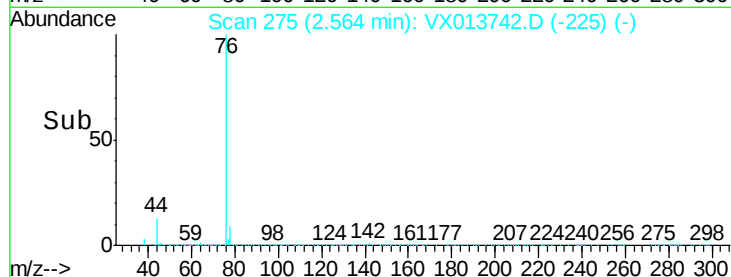
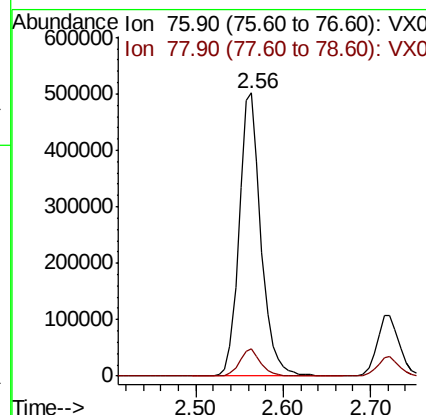
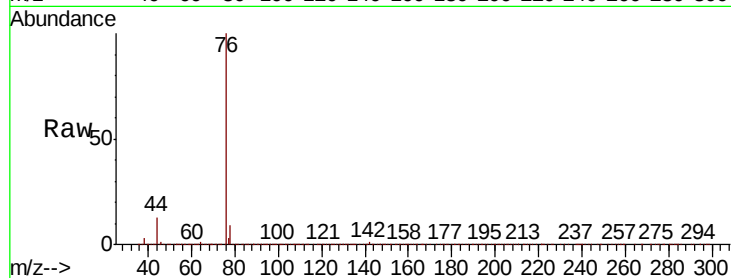




#17
Carbon Disulfide
Concen: 47.352 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

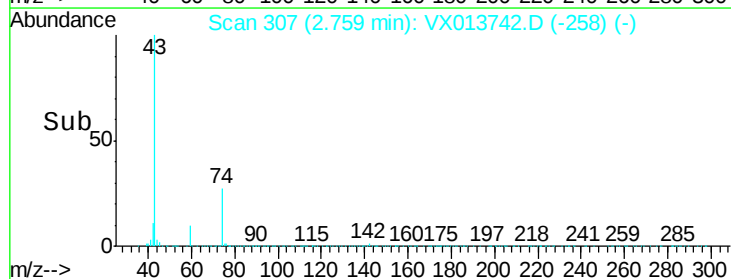
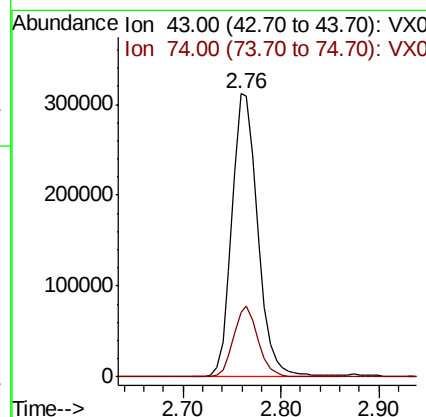
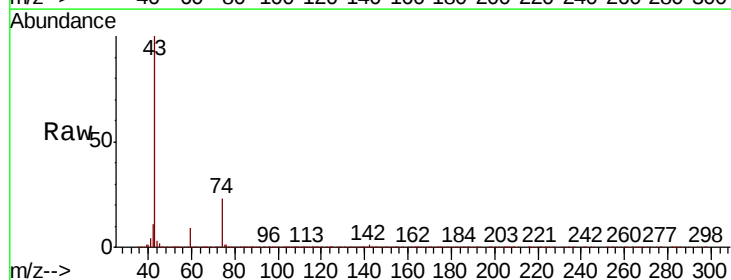
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 874435
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 52.700 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion: 43 Resp: 572460
Ion Ratio Lower Upper
43 100
74 23.9 19.5 29.3

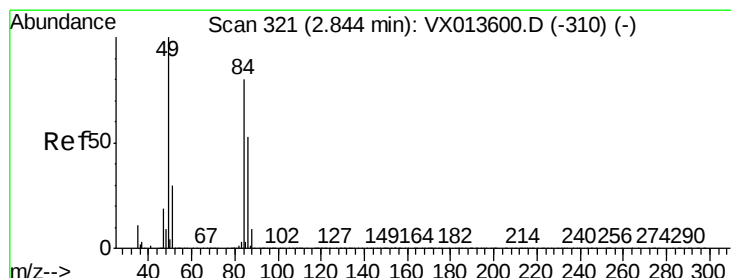
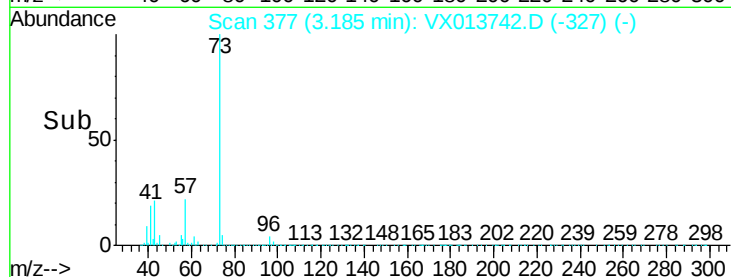
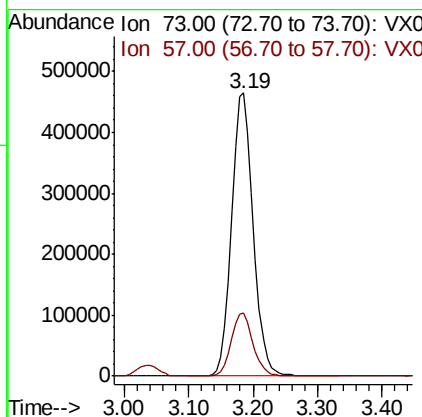
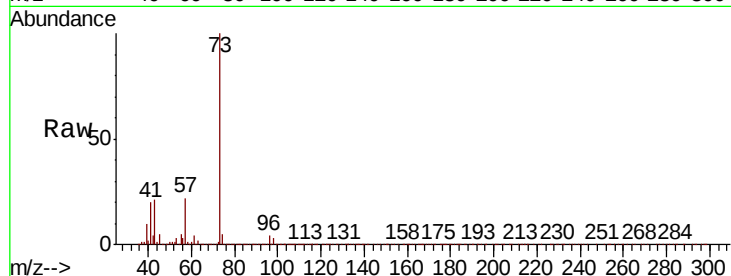




#19
Methvl tert-butvl Ether
Concen: 50.767 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

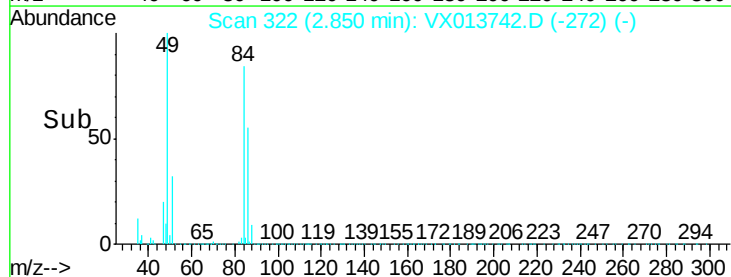
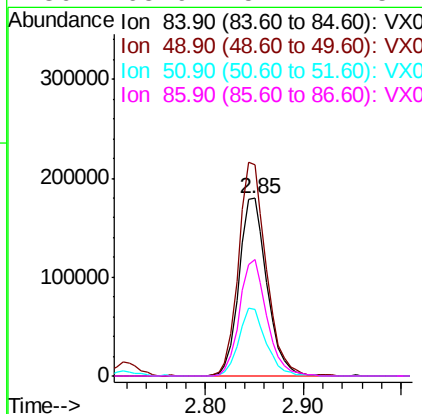
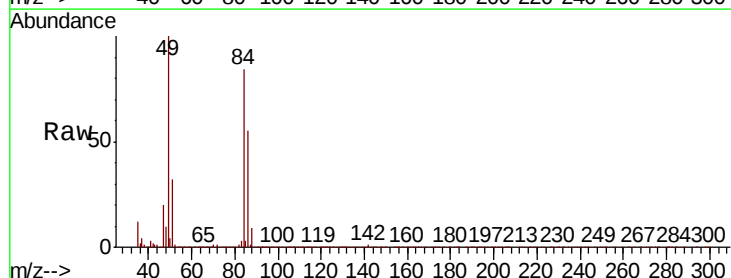
Instrument :
MSVOA_X
ClientSampleId :

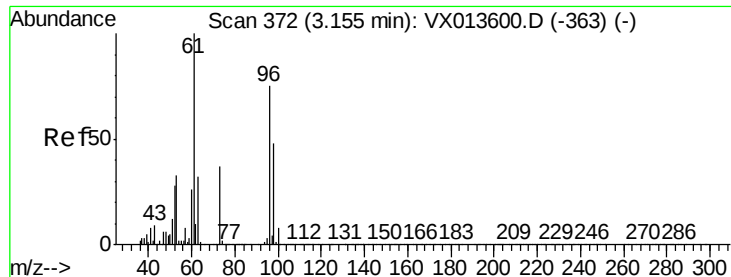
Tot Ion: 73 Resp: 1089456
Ion Ratio Lower Upper
73 100
57 22.1 18.3 27.5



#20
Methylene Chloride
Concen: 47.413 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion: 84 Resp: 355335
Ion Ratio Lower Upper
84 100
49 119.1 99.7 149.5
51 37.6 29.9 44.9
86 65.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.078 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

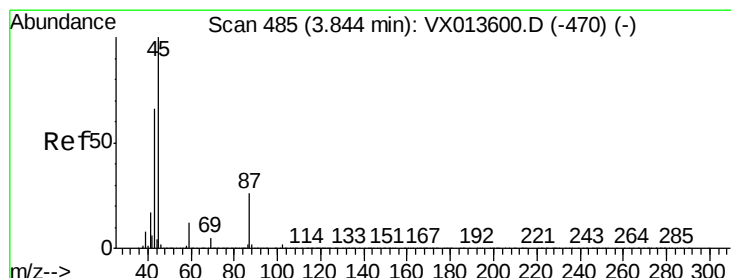
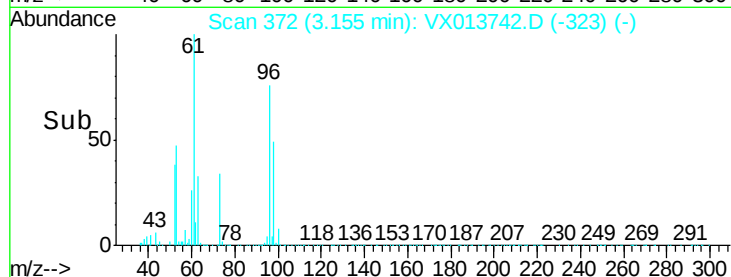
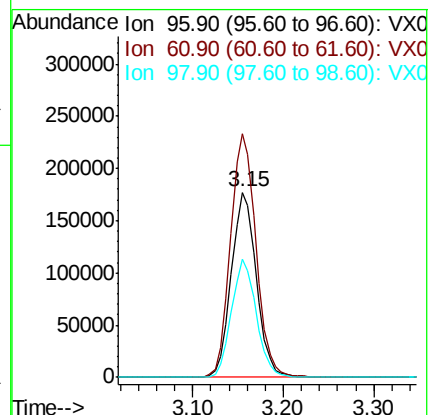
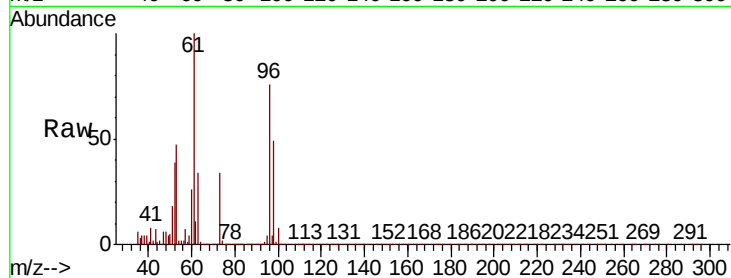
Tot Ion: 96 Resp: 339287

Ion Ratio Lower Upper

96 100

61 131.4 107.2 160.8

98 64.0 51.4 77.0



#22

Diisopropyl ether

Concen: 49.271 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Tgt Ion: 45 Resp: 1115303

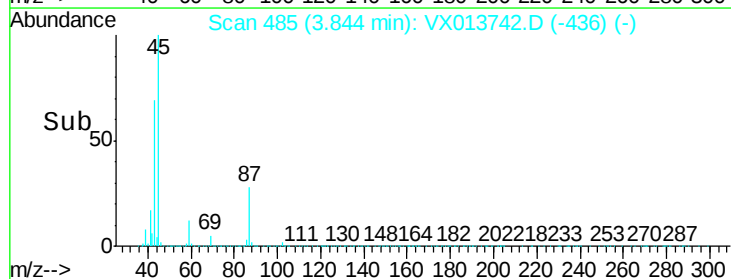
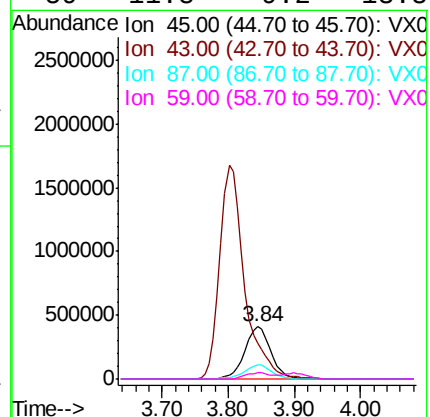
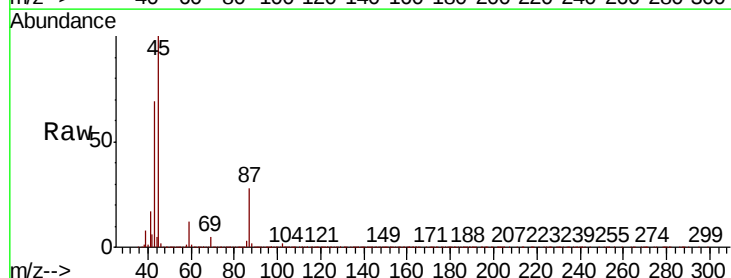
Ion Ratio Lower Upper

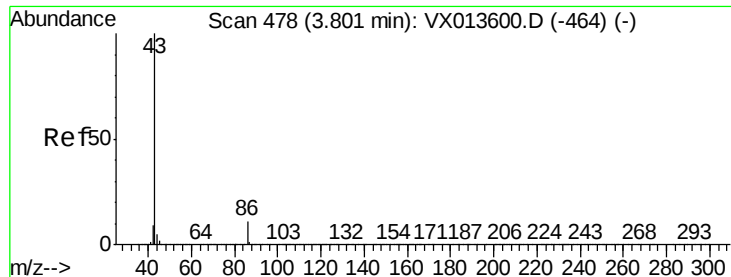
45 100

43 68.5 52.6 79.0

87 28.1 21.1 31.7

59 11.8 9.2 13.8





#23

Vinyl Acetate

Concen: 232.926 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

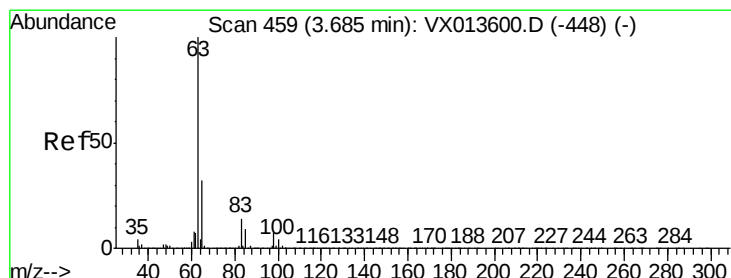
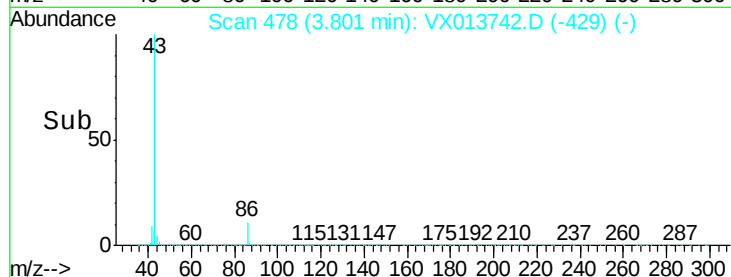
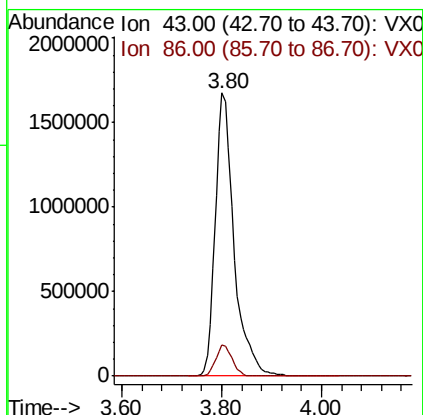
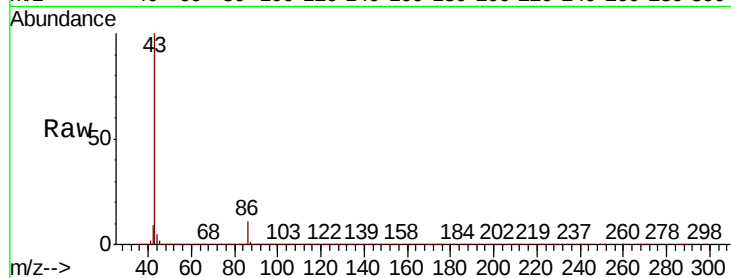
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4386209

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.691 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

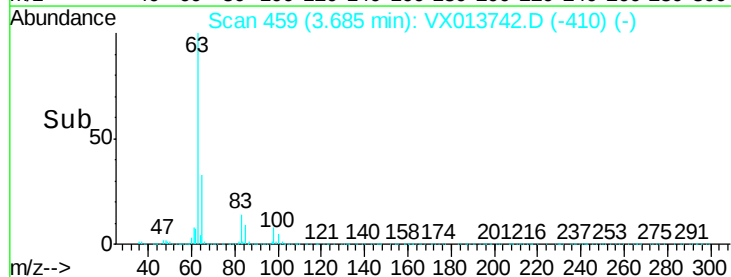
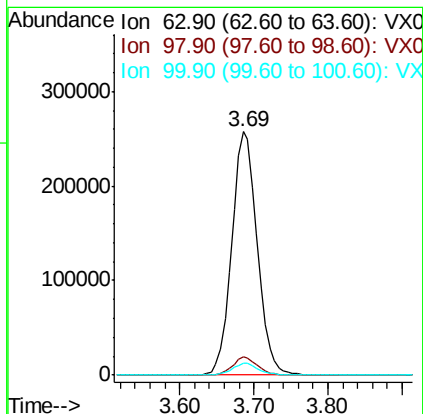
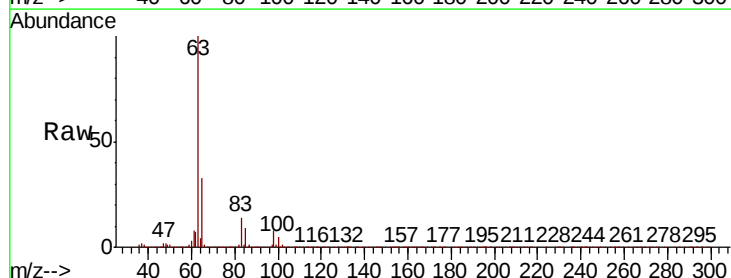
Tgt Ion: 63 Resp: 614901

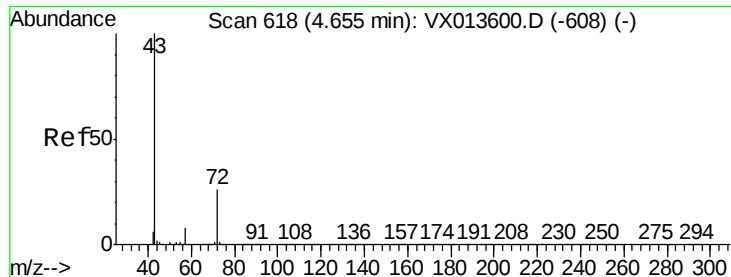
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 248.568 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

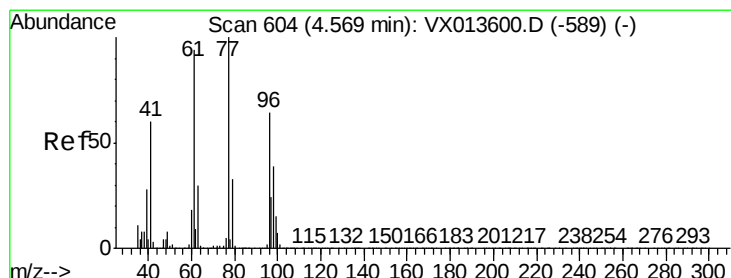
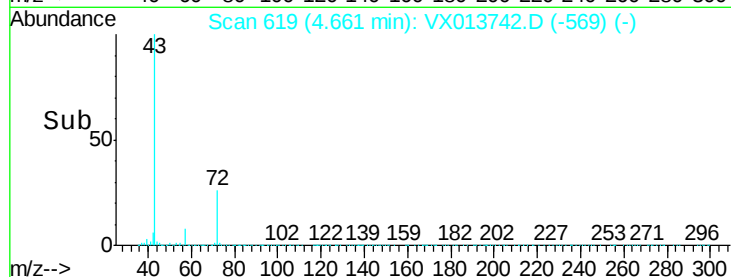
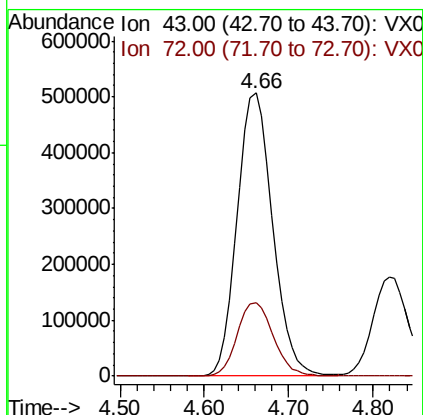
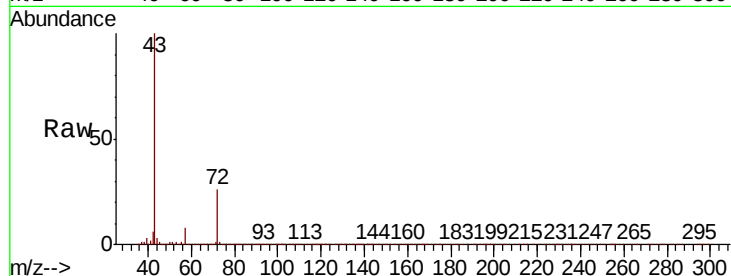
ClientSampled :

Tot Ion: 43 Resp: 1441086

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 43.439 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013742.D

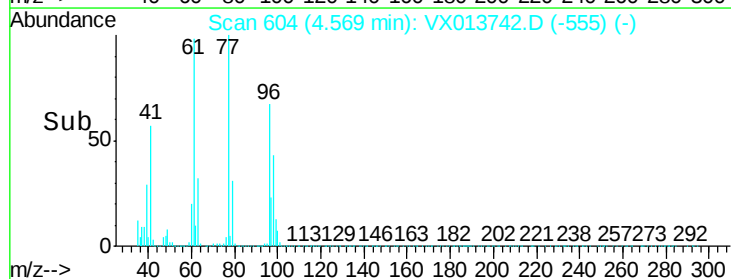
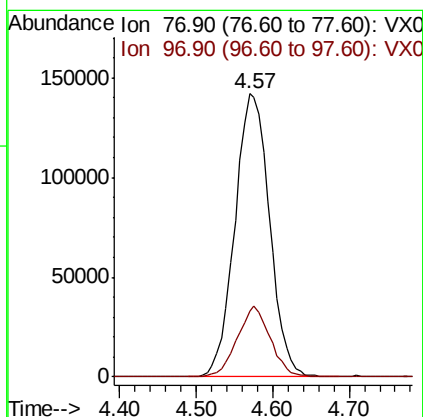
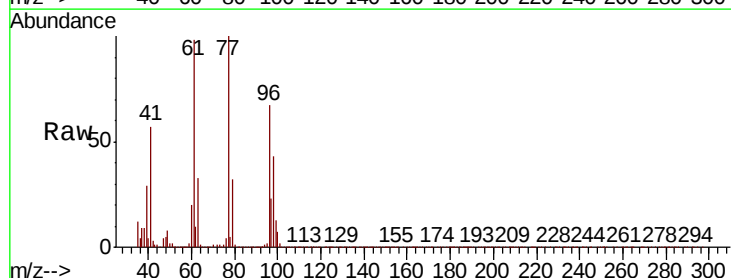
Acq: 03 Dec 2019 22:01

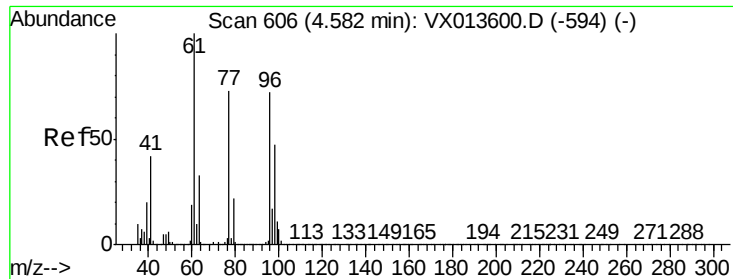
Tgt Ion: 77 Resp: 444741

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1



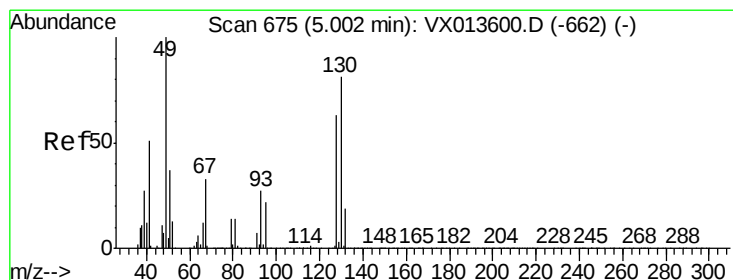
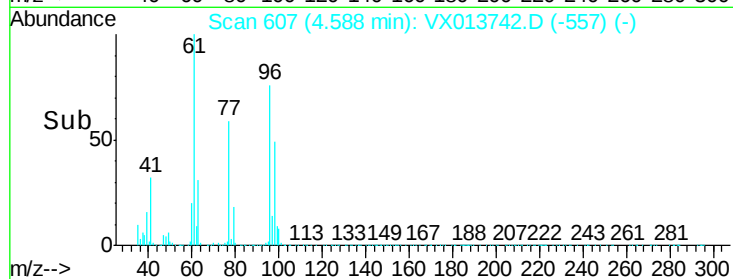
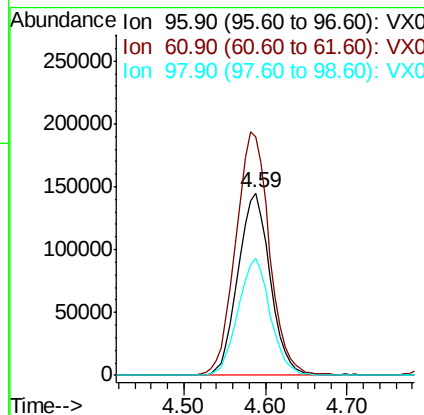
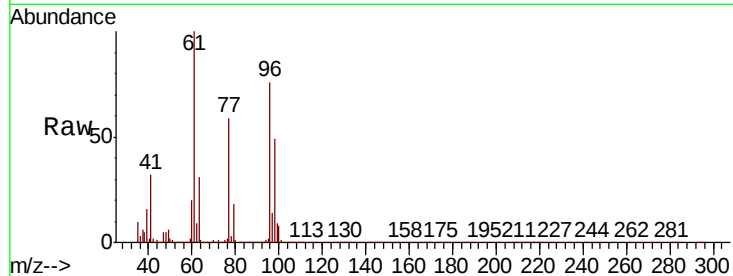


#27

cis-1,2-Dichloroethene
Concen: 48.746 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :

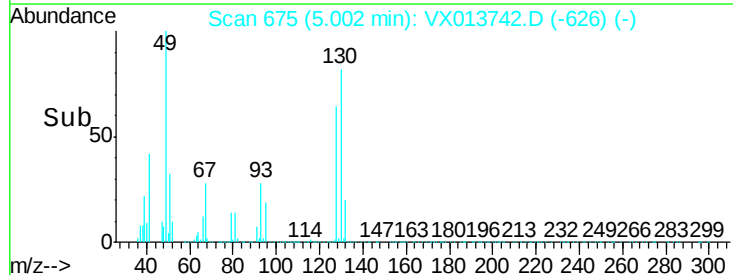
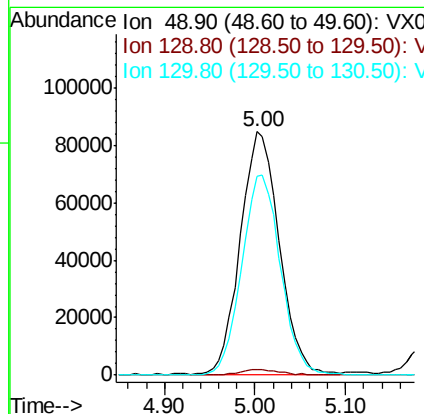
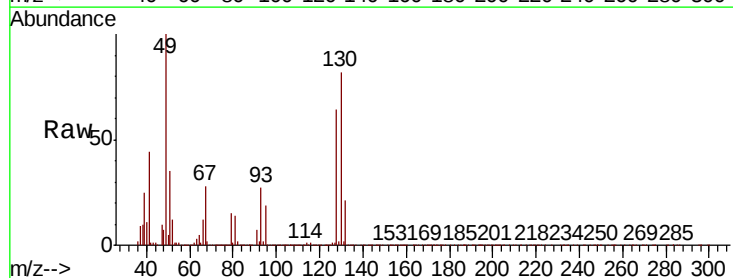
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	286.4
98	64.5	0.0	127.4

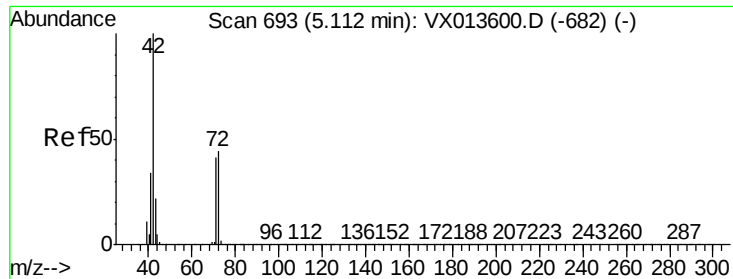


#28

Bromochloromethane
Concen: 51.552 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	81.3	65.4	98.0

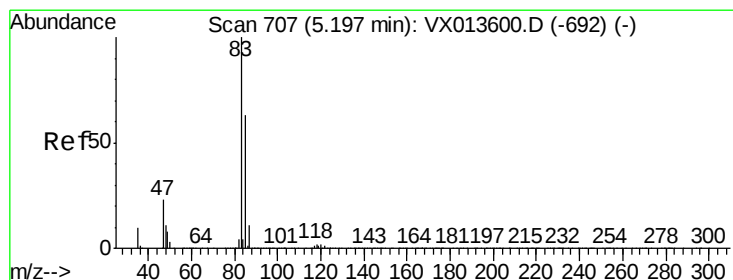
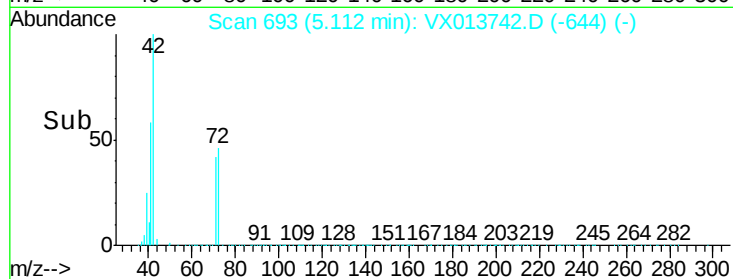
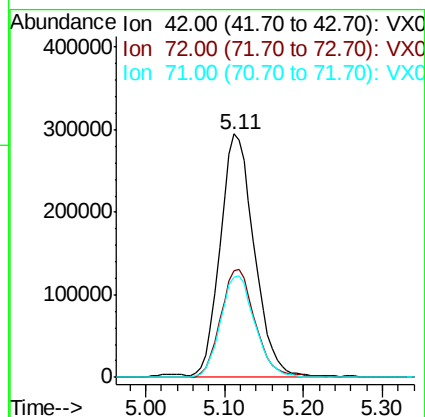
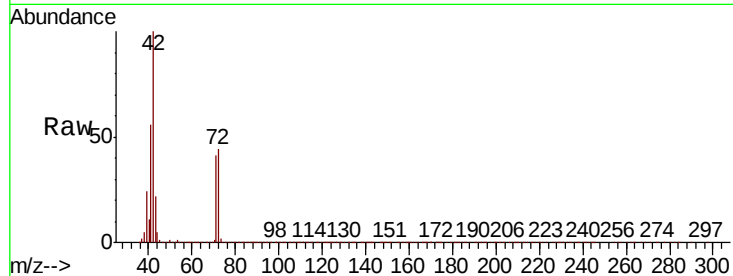




#29
Tetrahydrofuran
Concen: 246.773 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

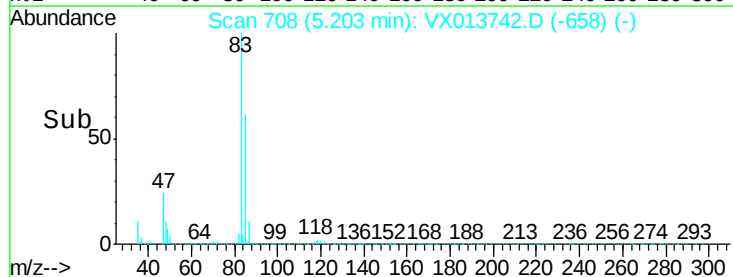
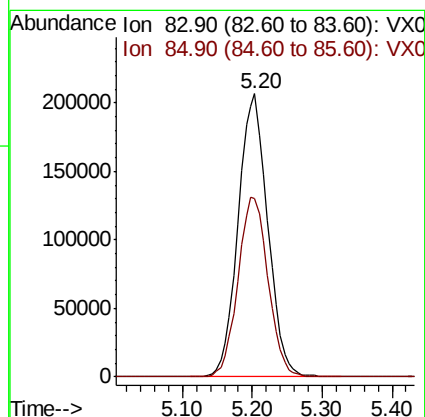
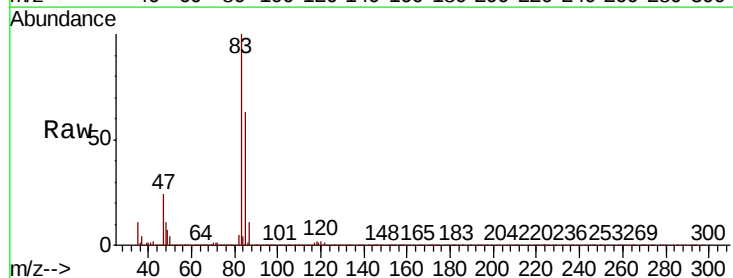
Instrument :
MSVOA_X
ClientSampleId :

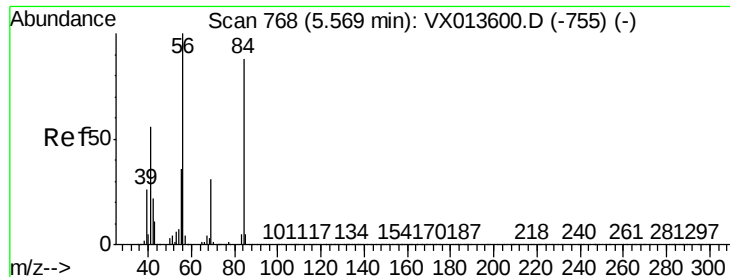
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.3	54.5
71	42.5	33.2	49.8



#30
Chloroform
Concen: 48.264 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.2	75.4





#31

Cyclohexane

Concen: 45.819 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

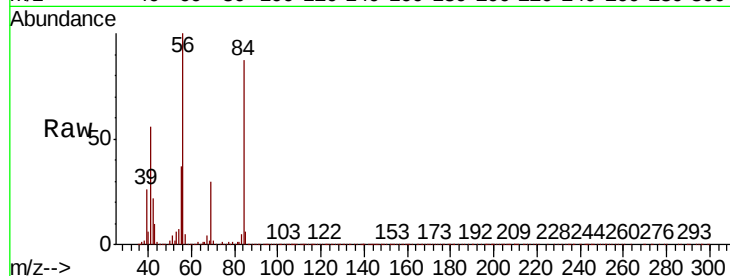
Tot Ion: 56 Resp: 534784

Ion Ratio Lower Upper

56 100

69 30.4 24.6 36.8

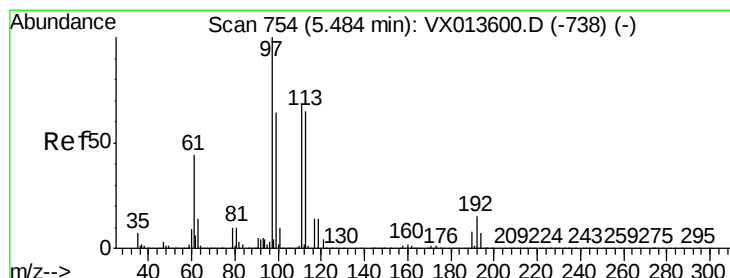
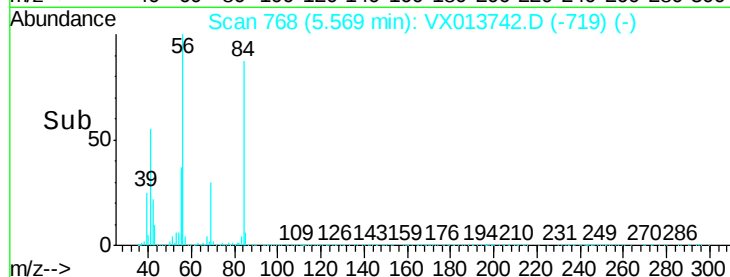
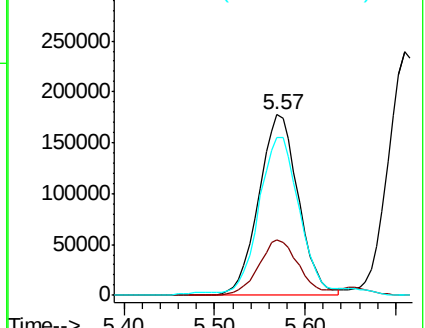
84 86.4 70.0 105.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.101 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

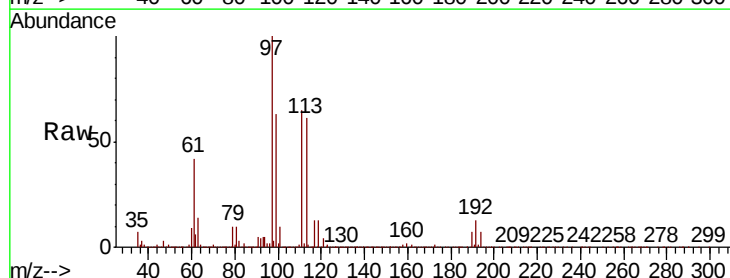
Tgt Ion: 97 Resp: 525417

Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

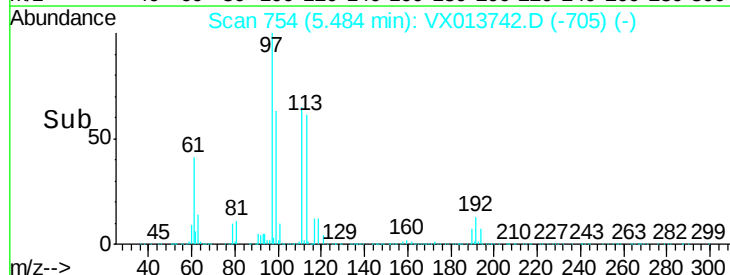
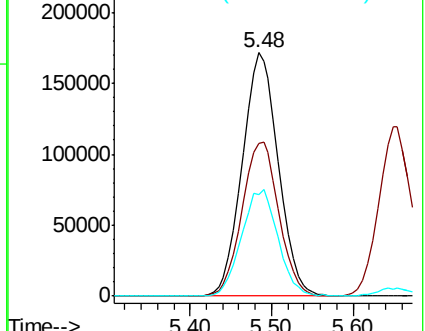
61 44.3 36.1 54.1

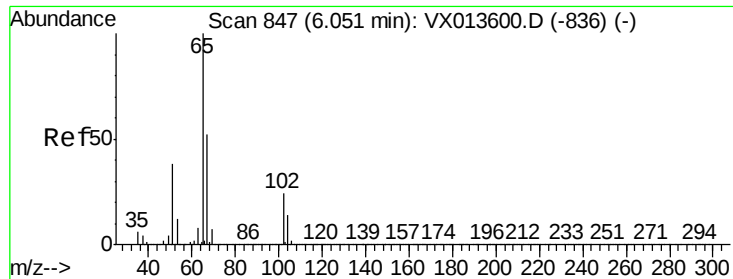


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

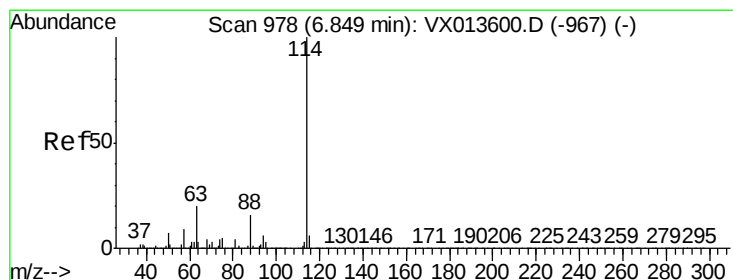
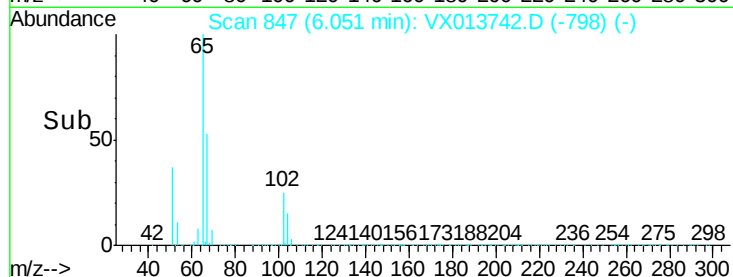
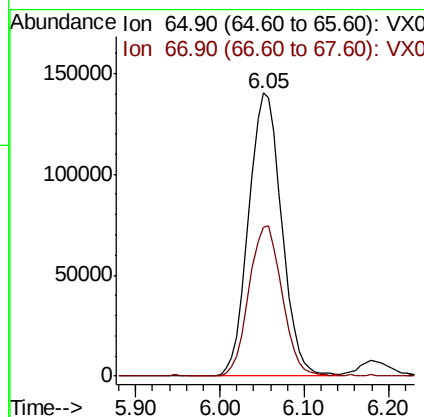
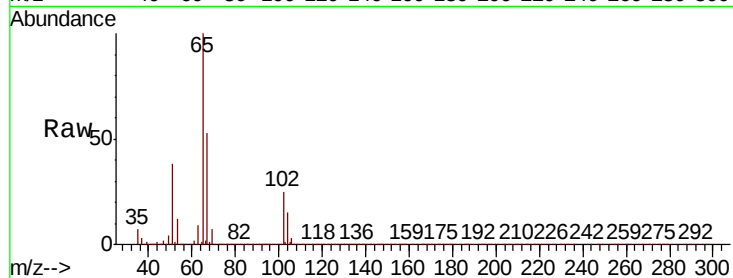




#33
 1,2-Dichloroethane-d4
 Concen: 47.102 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

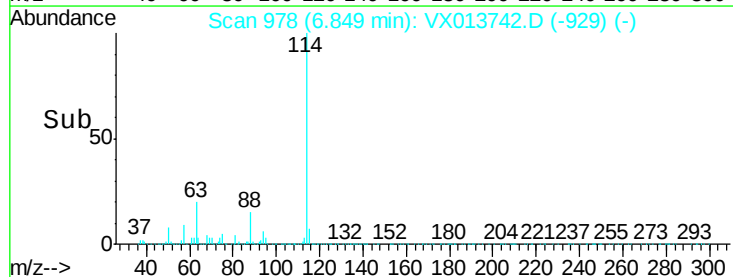
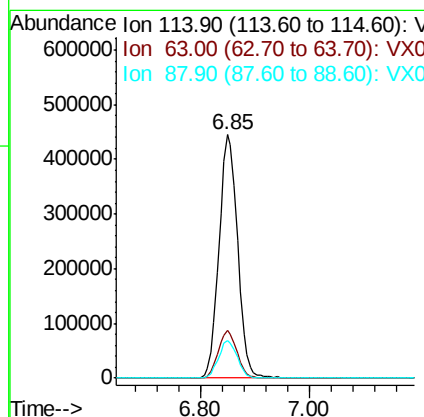
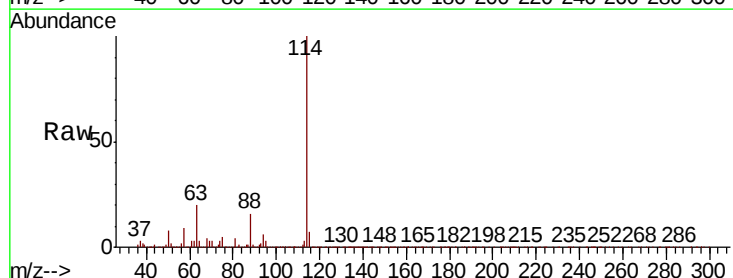
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 372166
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

Tgt Ion: 114 Resp: 1055490
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 15.5 0.0 31.4

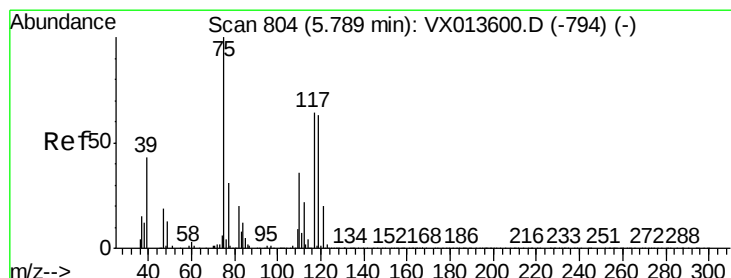
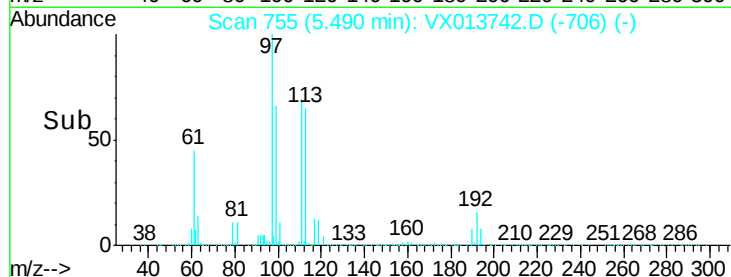
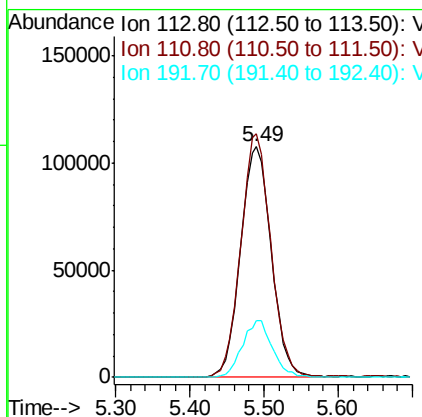
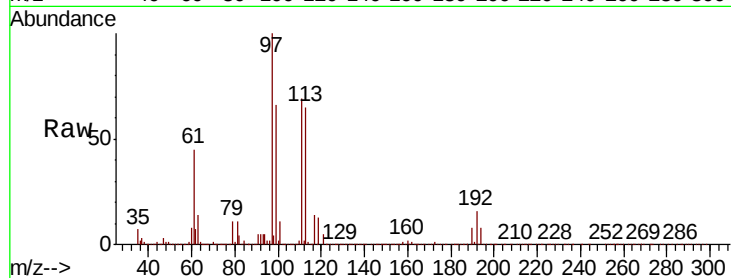




#35
 Dibromofluoromethane
 Concen: 47.830 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

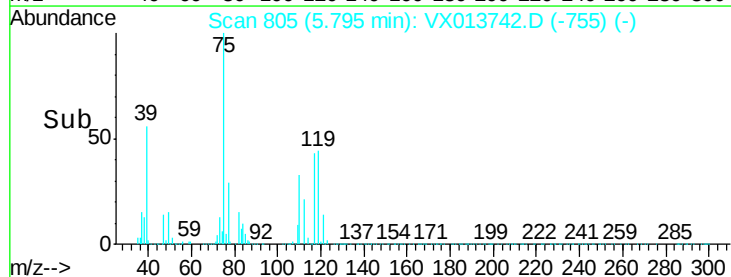
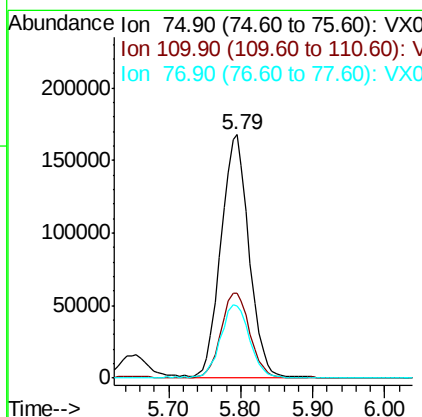
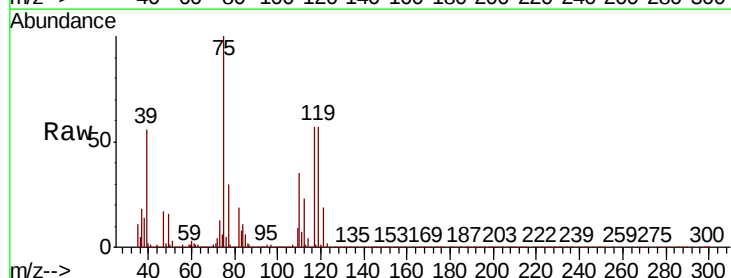
Instrument :
 MSVOA_X
 ClientSampled :

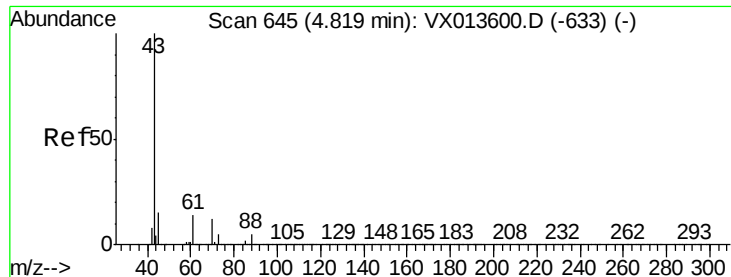
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.6	125.4
192	24.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 47.073 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.1
77	30.8	24.5	36.7

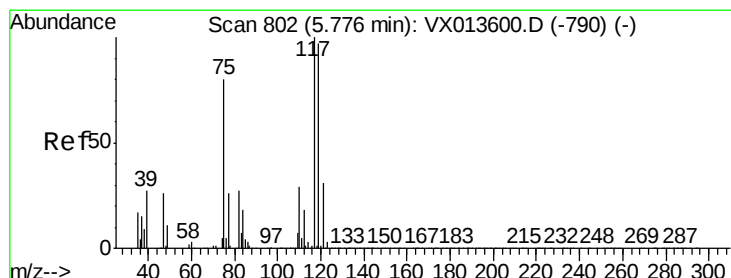
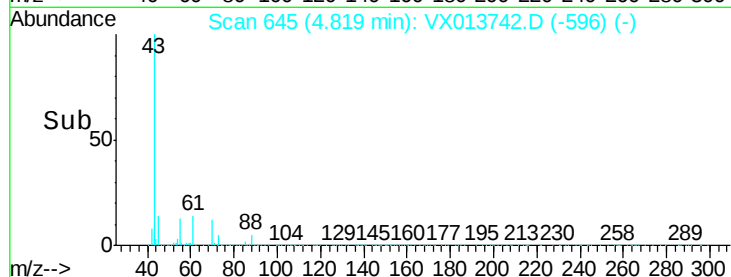
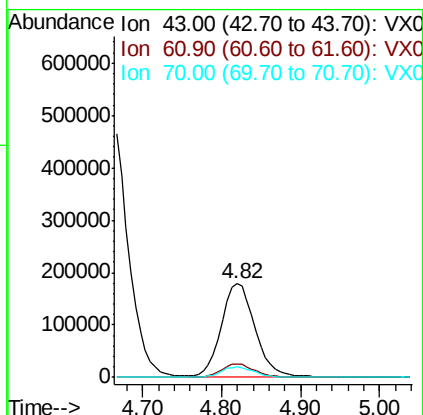
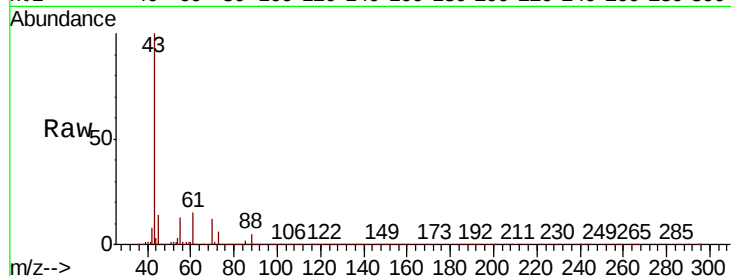




#37
Ethyl Acetate
Concen: 49.268 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

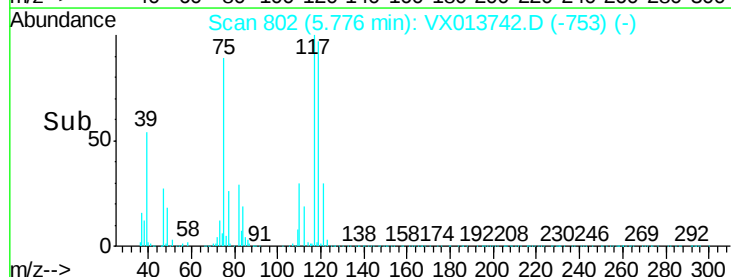
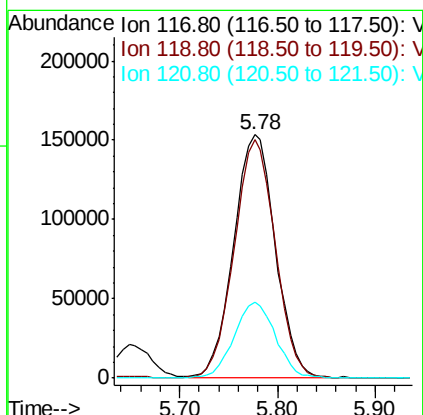
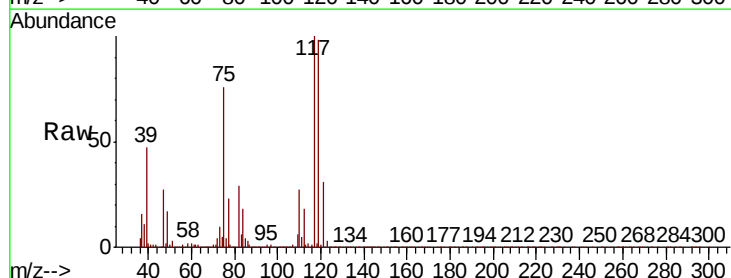
Instrument :
MSVOA_X
ClientSampled :

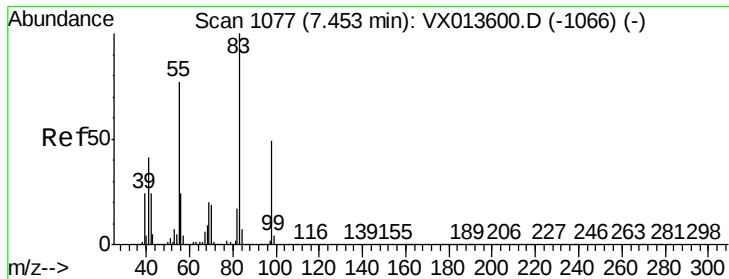
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	10.8	8.6	12.8



#38
Carbon Tetrachloride
Concen: 51.122 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.5	116.3
121	31.0	25.0	37.6

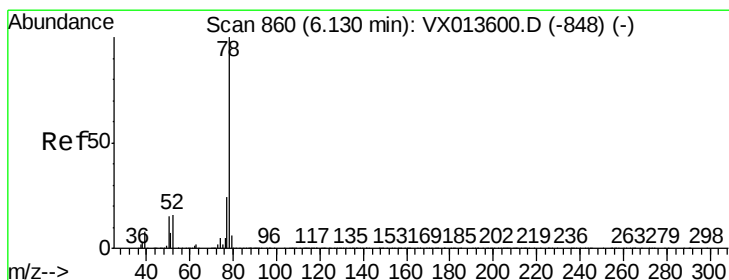
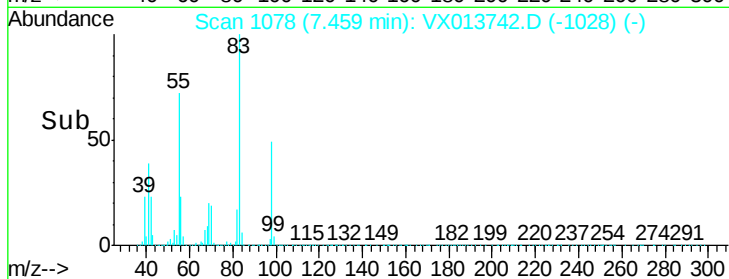
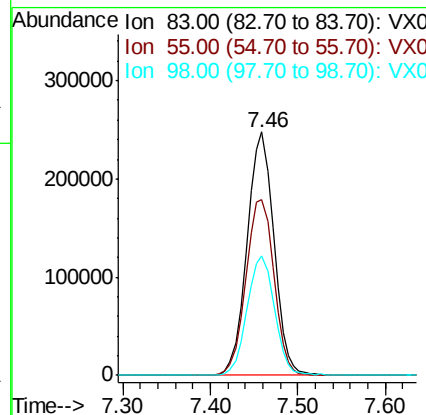
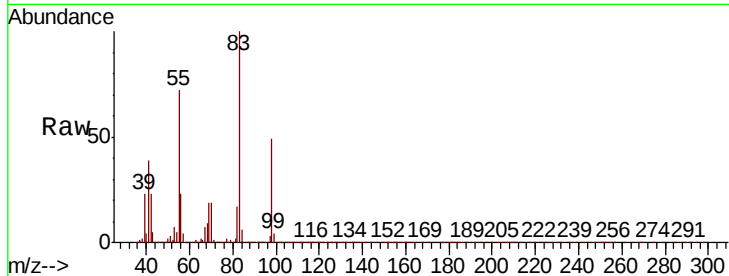




#39
Methvlcvclohexane
Concen: 44.504 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

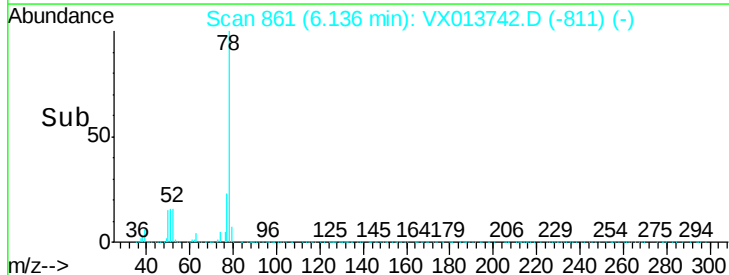
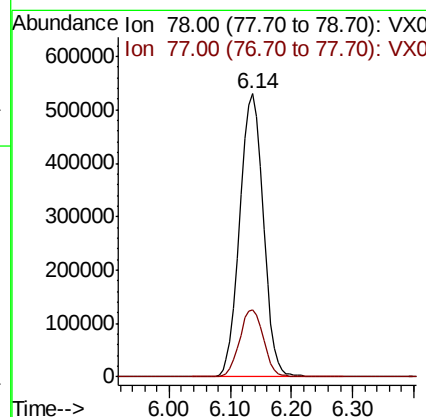
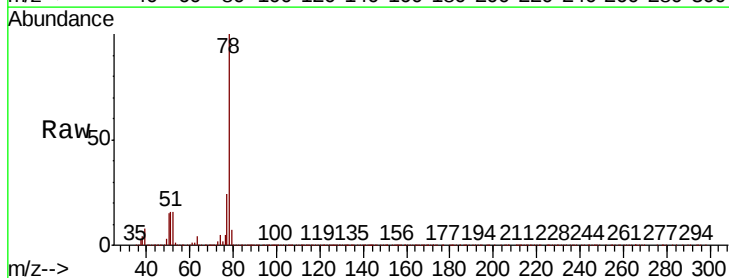
Instrument :
MSVOA_X
ClientSampleId :

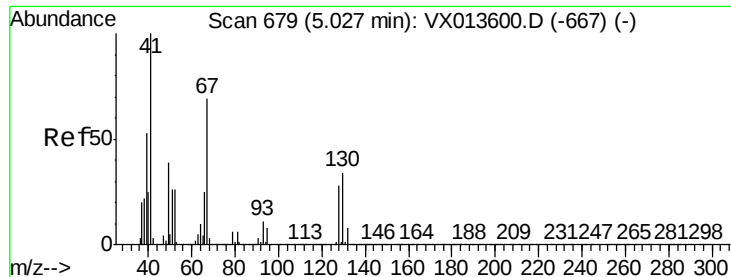
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	61.9	92.9
98	49.1	39.4	59.0



#40
Benzene
Concen: 48.197 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4

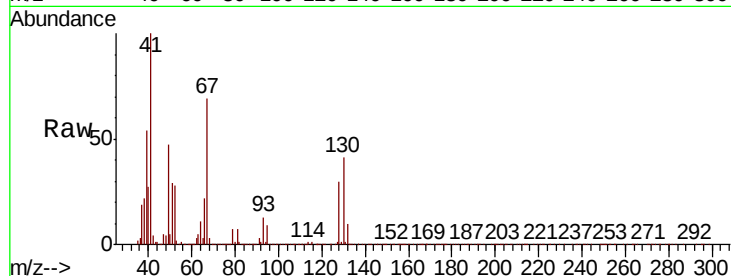




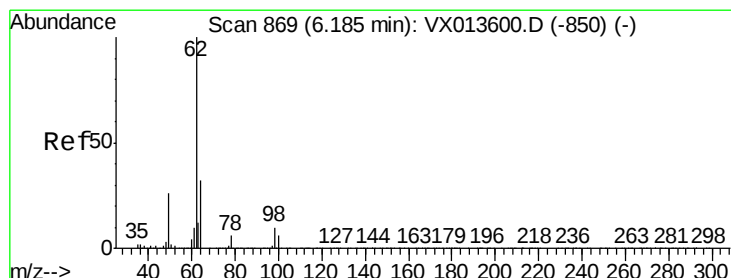
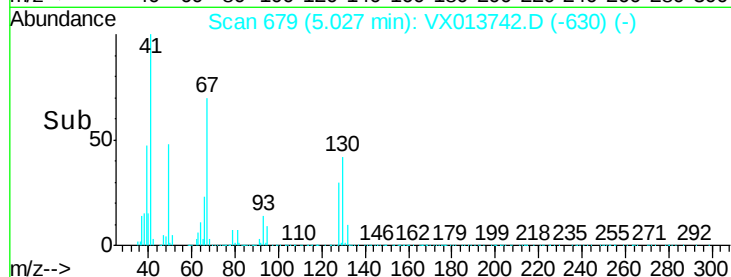
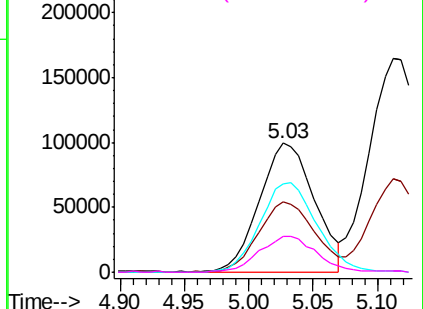
#41
Methacrylonitrile
Concen: 49.849 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	293849
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.9	64.3
67	71.9	57.4	86.0
52	28.9	22.4	33.6

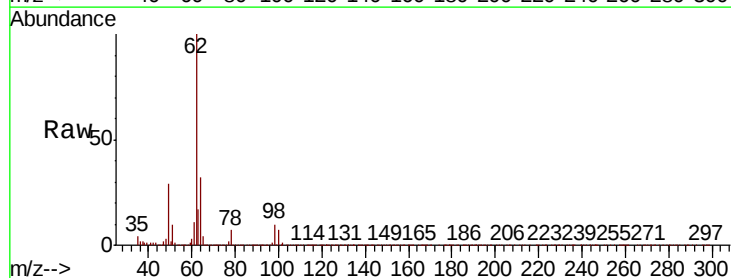


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

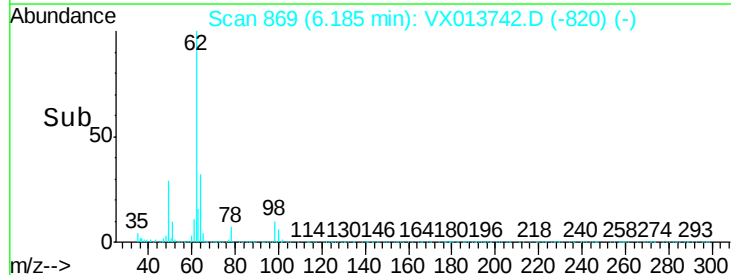
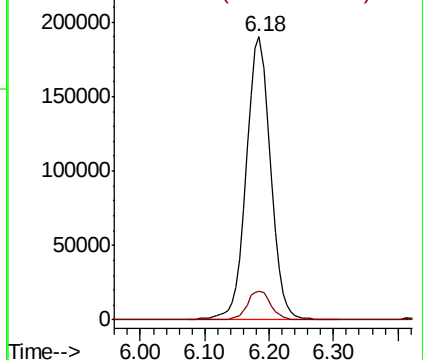


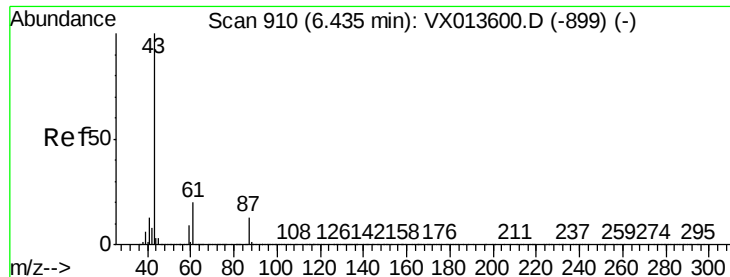
#42
1,2-Dichloroethane
Concen: 49.301 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion:	62	Resp:	490641
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 49.982 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

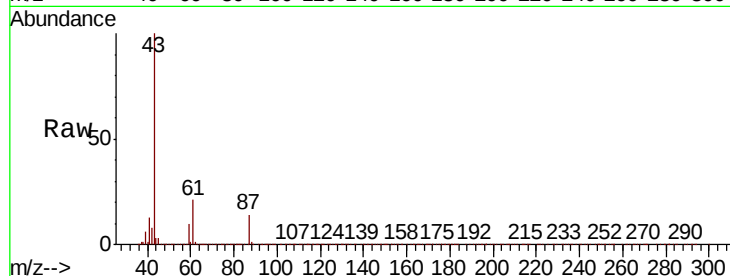
Tot Ion: 43 Resp: 884469

Ion Ratio Lower Upper

43 100

61 20.2 16.3 24.5

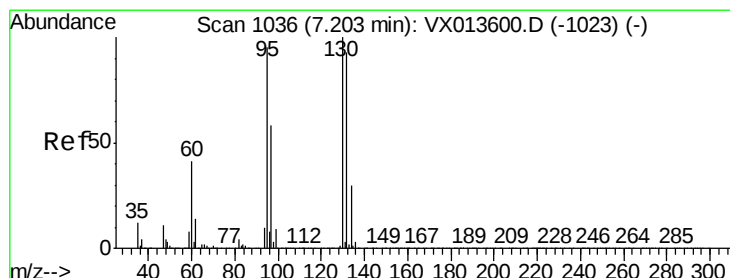
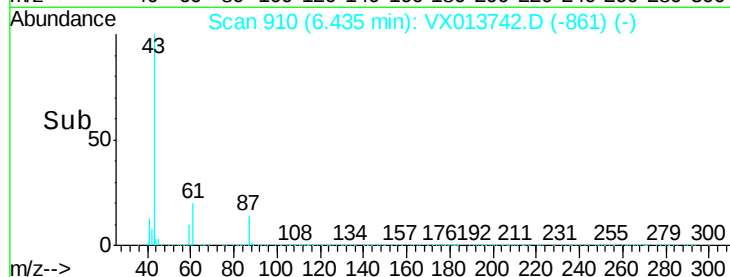
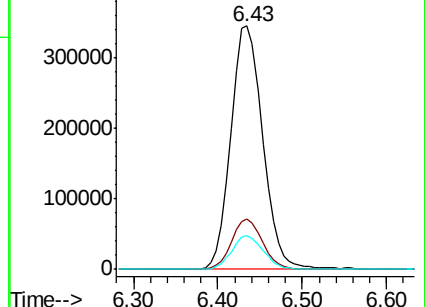
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX013600.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX013600.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX013600.D (-899) (-)



#44

Trichloroethene

Concen: 48.094 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013742.D

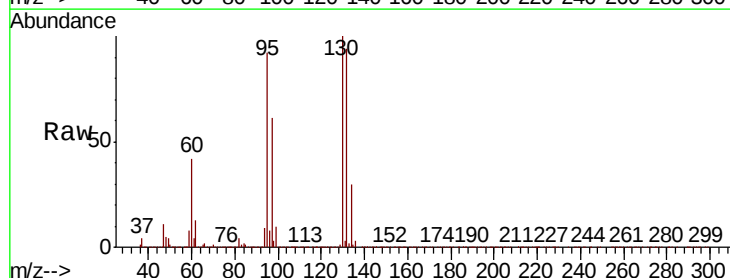
Acq: 03 Dec 2019 22:01

Tgt Ion:130 Resp: 385173

Ion Ratio Lower Upper

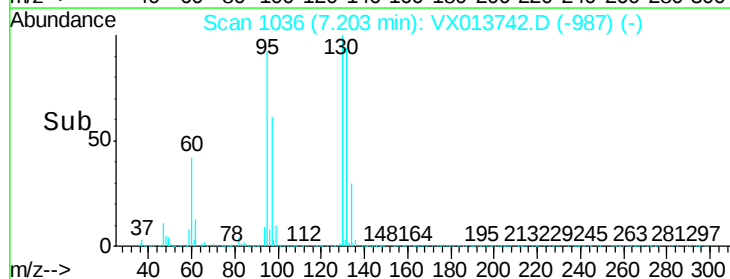
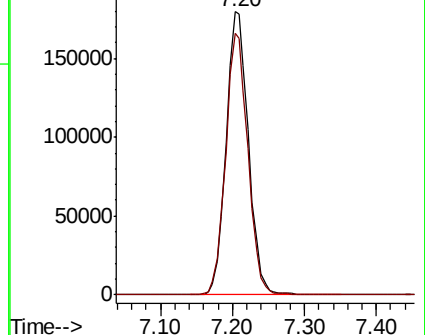
130 100

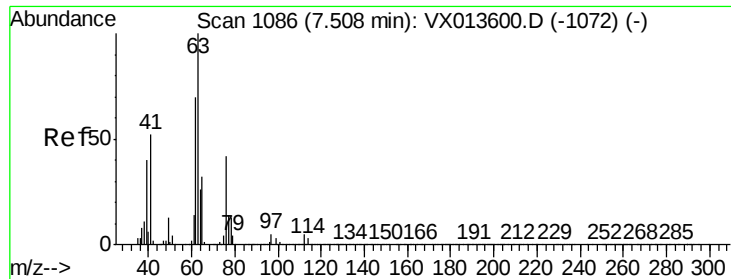
95 92.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): VX013600.D (-1023) (-)

Ion 94.90 (94.60 to 95.60): VX013600.D (-1023) (-)





#45

1,2-Dichloropropane

Concen: 49.541 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

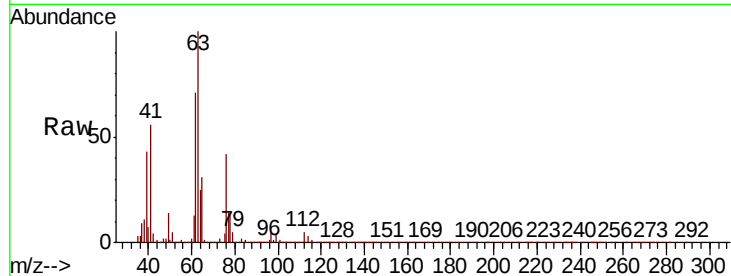
ClientSampled :

Tot Ion: 63 Resp: 361704

Ion Ratio Lower Upper

63 100

65 31.0 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

200000

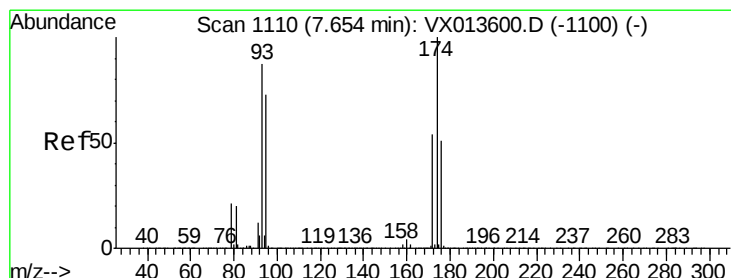
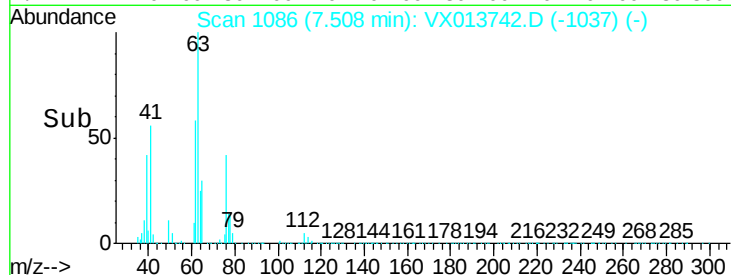
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 48.414 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

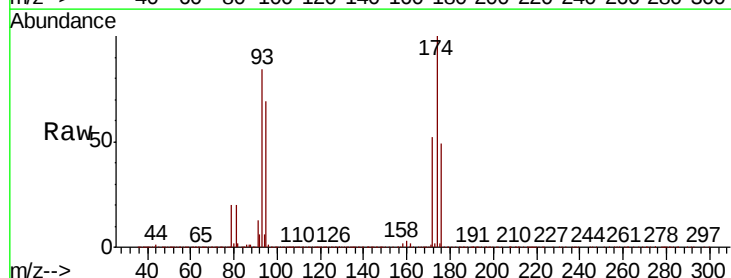
Tgt Ion: 93 Resp: 240072

Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.2

174 118.9 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

200000

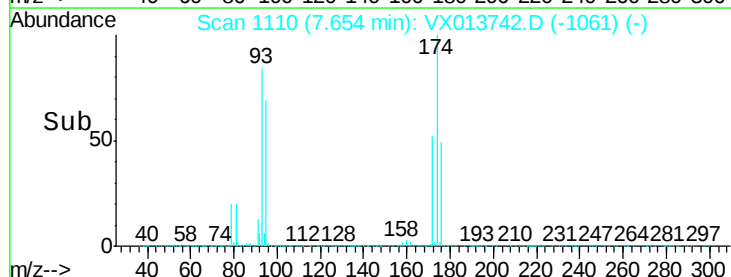
150000

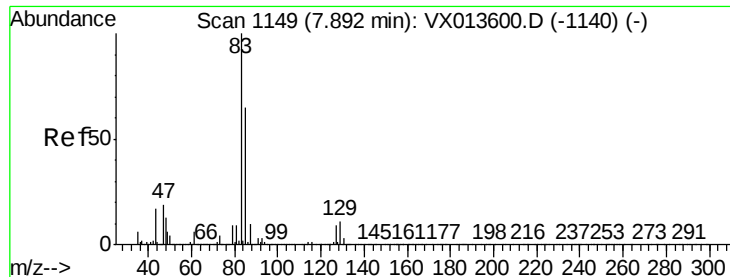
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.916 ug/l

RT: 7.89 min Scan# 1149

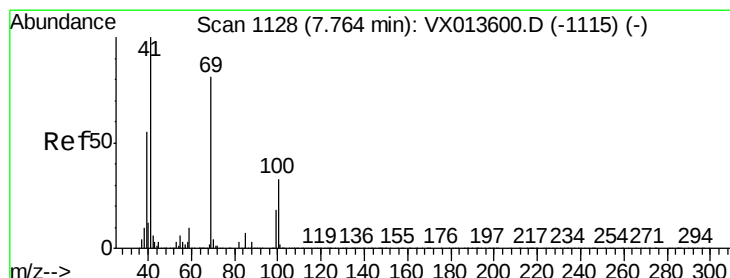
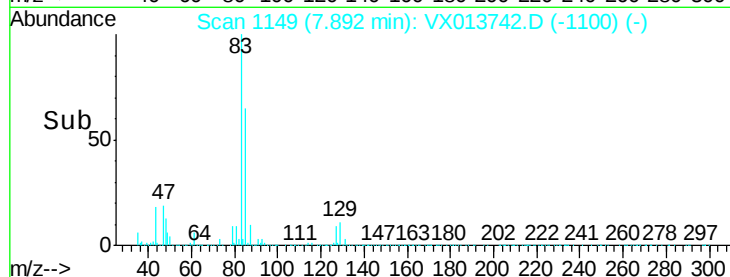
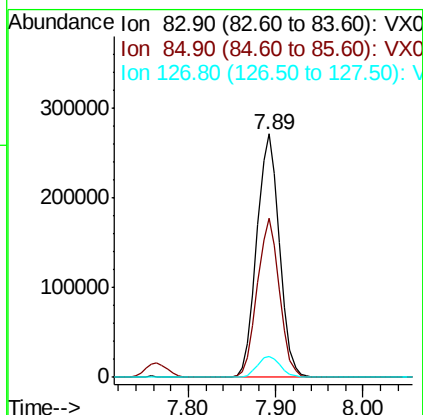
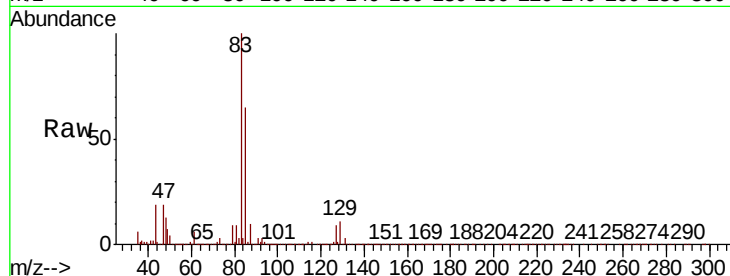
Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	486675
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.1	78.1
127	8.6	7.0	10.4



#48

Methyl methacrylate

Concen: 50.827 ug/l

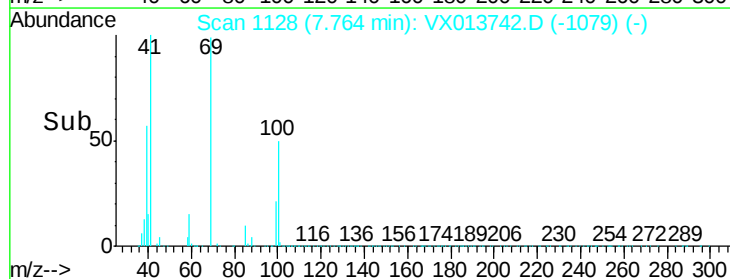
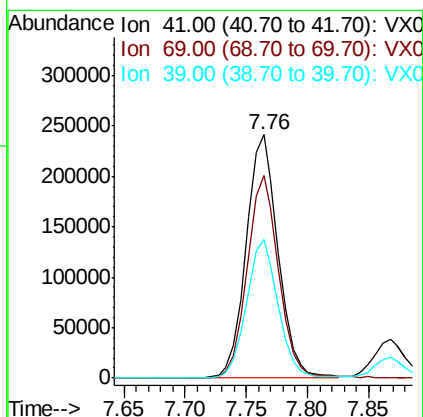
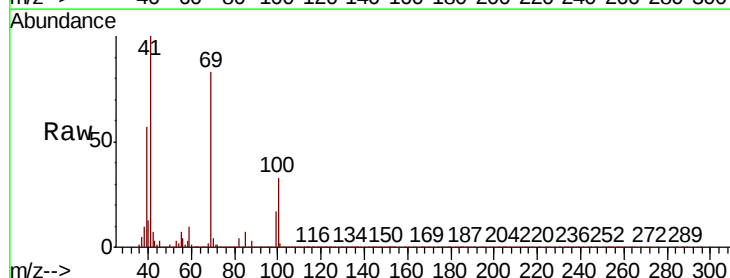
RT: 7.76 min Scan# 1128

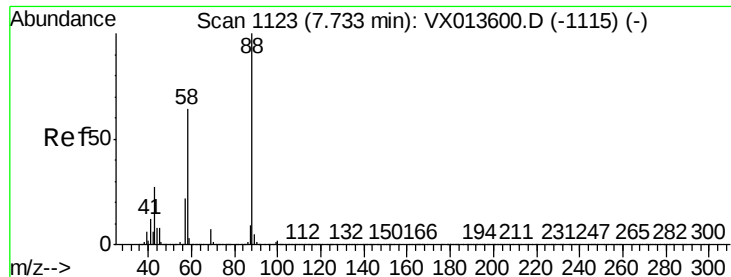
Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Tgt Ion:	41	Resp:	437002
Ion	Ratio	Lower	Upper
41	100		
69	82.1	64.7	97.1
39	55.7	43.8	65.6

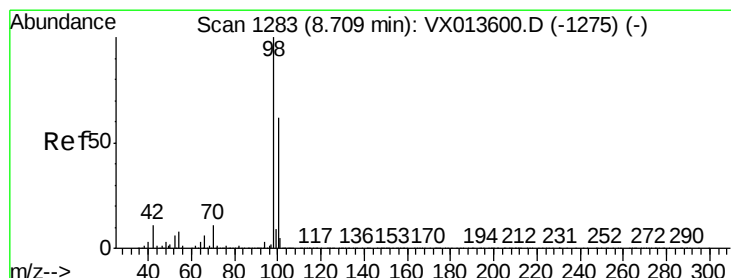
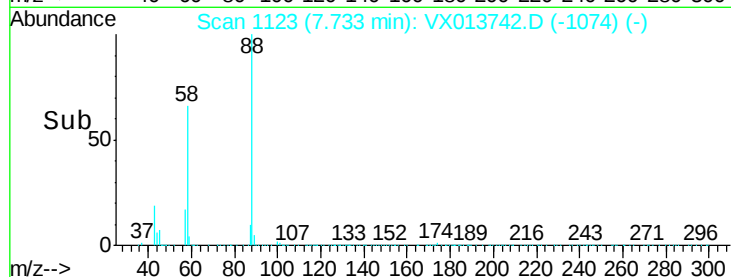
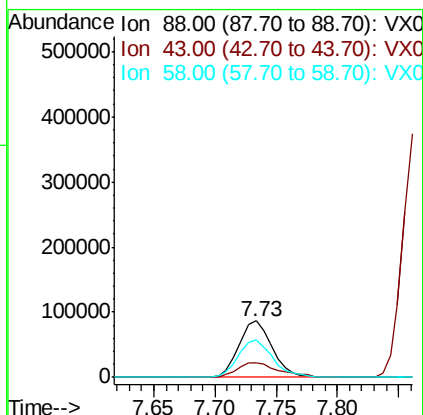
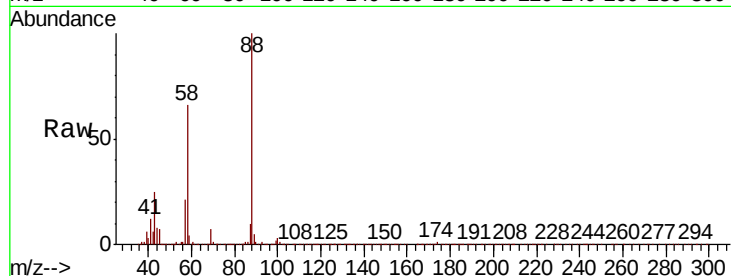




#49
1,4-Dioxane
Concen: 845.588 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

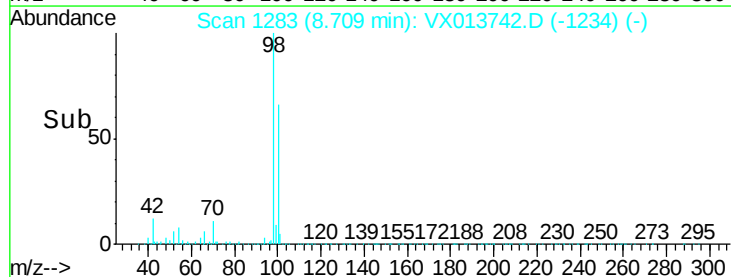
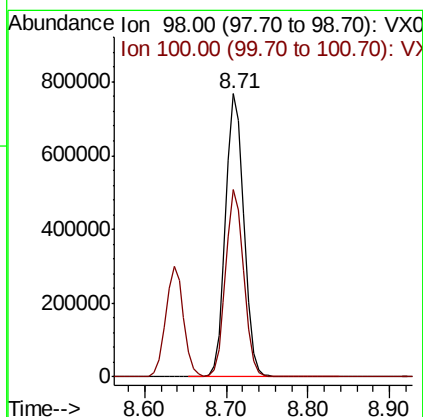
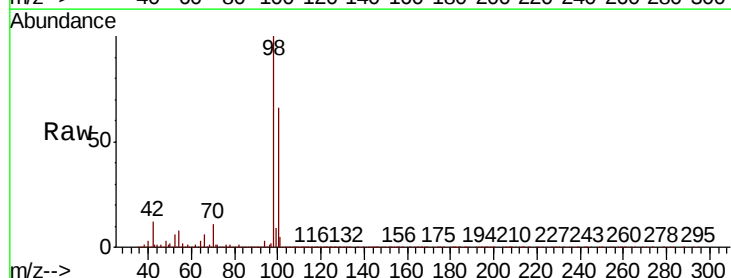
Instrument :
MSVOA_X
ClientSampled :

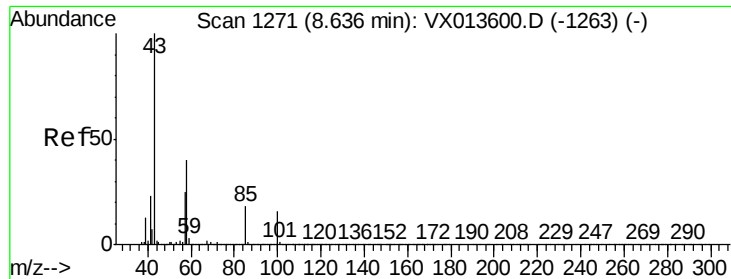
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.8	38.6
58	70.4	54.6	82.0



#50
Toluene-d8
Concen: 46.632 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 244.000 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

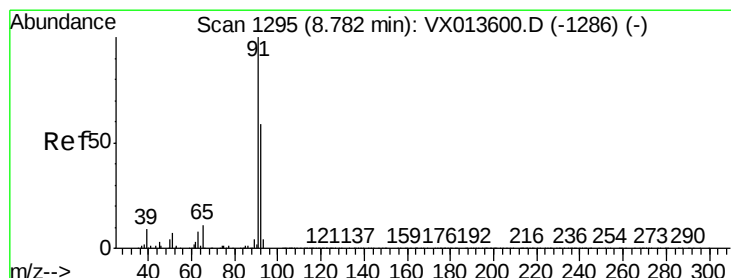
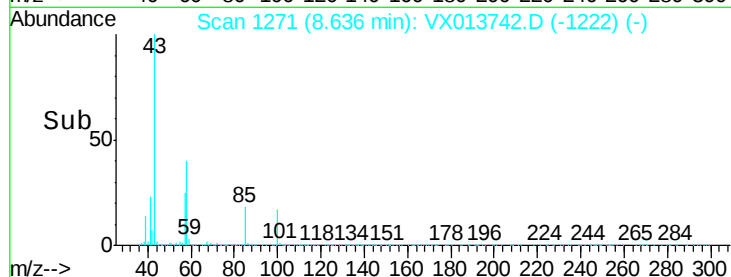
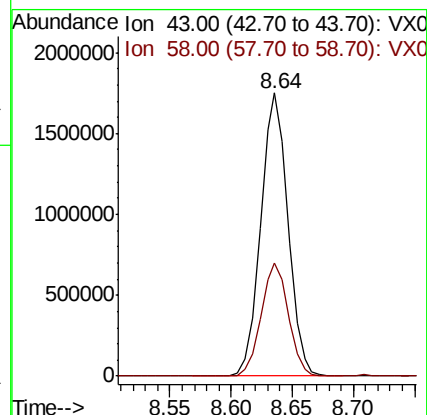
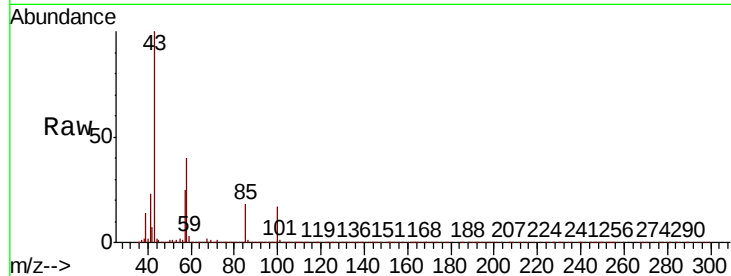
ClientSampleId :

Tot Ion: 43 Resp: 2715968

Ion Ratio Lower Upper

43 100

58 40.0 32.1 48.1



#52

Toluene

Concen: 49.581 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013742.D

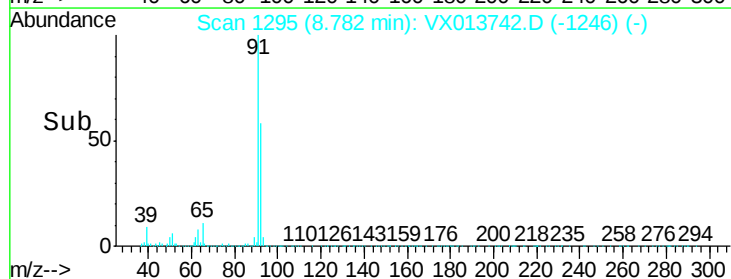
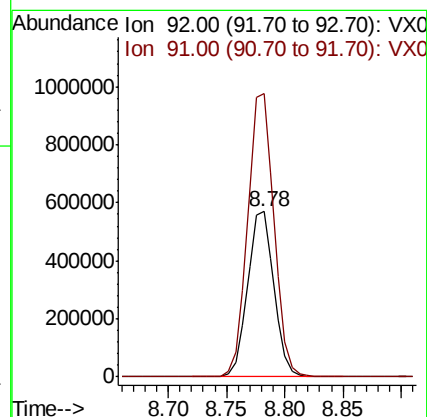
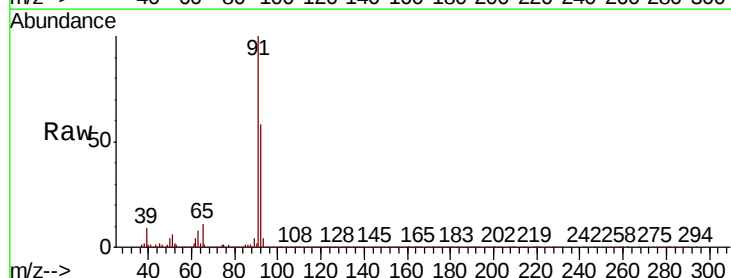
Acq: 03 Dec 2019 22:01

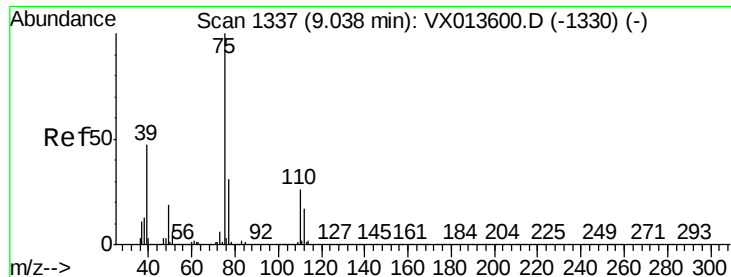
Tgt Ion: 92 Resp: 898826

Ion Ratio Lower Upper

92 100

91 172.1 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 50.207 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

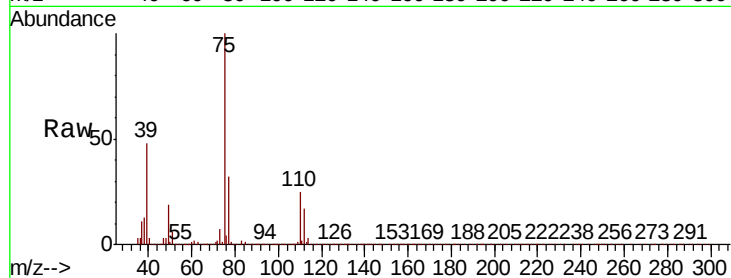
ClientSampleId :

Tot Ion: 75 Resp: 535714

Ion Ratio Lower Upper

75 100

77 31.9 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

400000

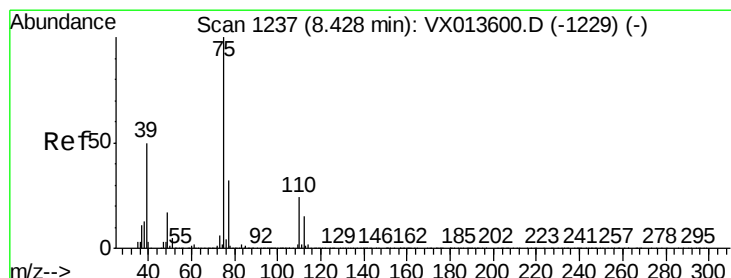
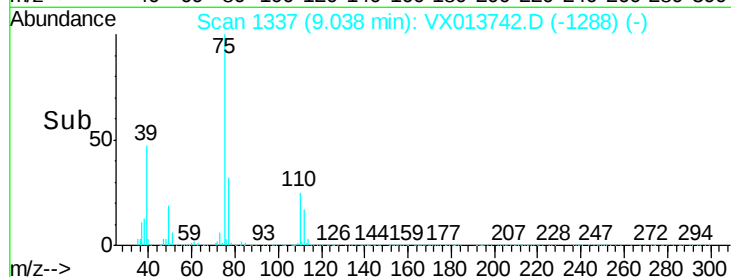
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.843 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

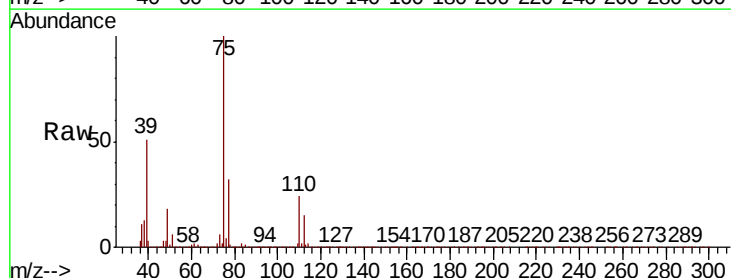
Tgt Ion: 75 Resp: 581035

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 51.3 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

500000

400000

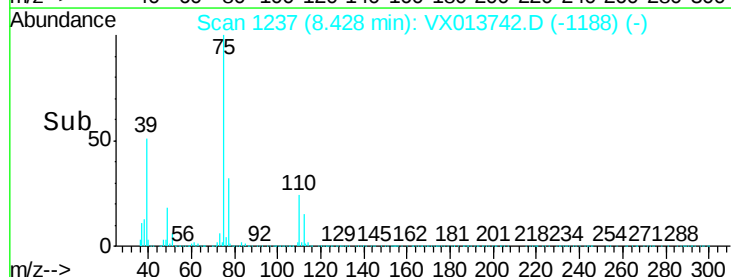
300000

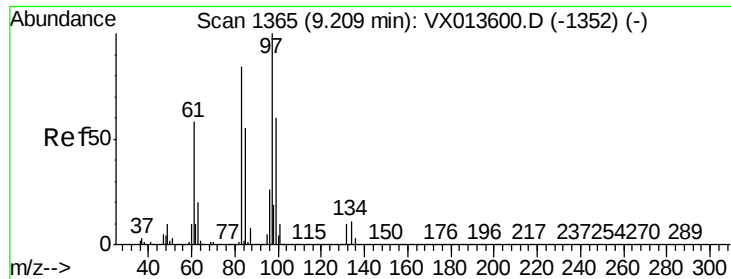
200000

100000

0

Time-->

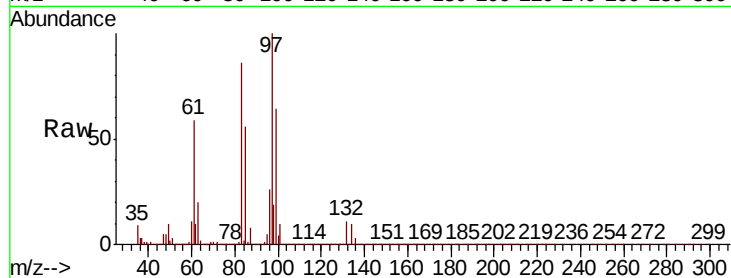




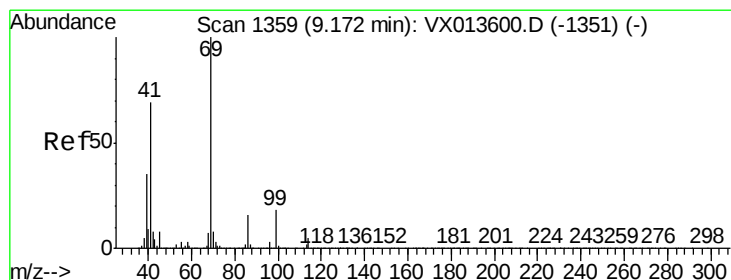
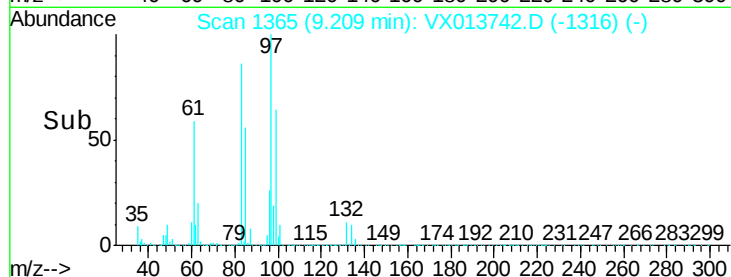
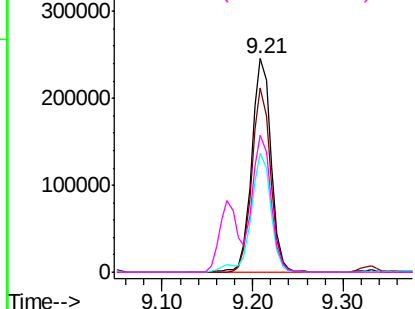
#55
 1,1,2-Trichloroethane
 Concen: 49.495 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	361582
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.3	100.9
85	55.6	43.6	65.4
99	64.2	48.2	72.4

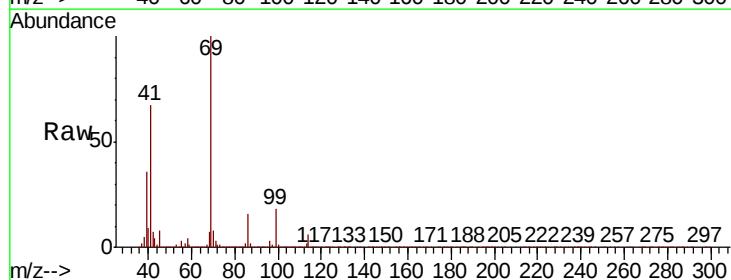


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

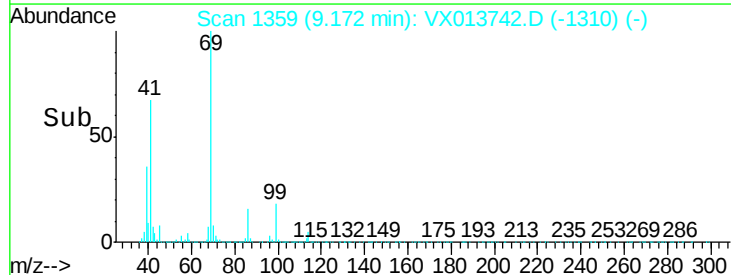
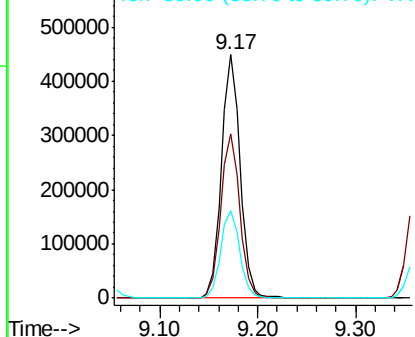


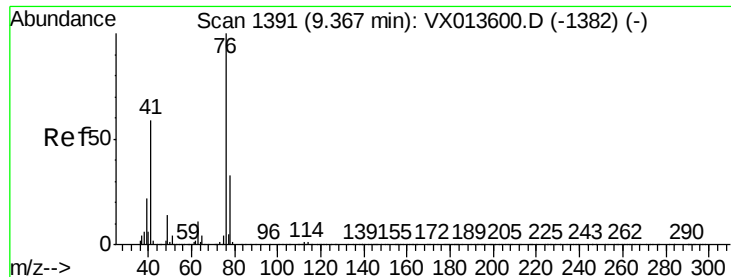
#56
 Ethyl methacrylate
 Concen: 50.804 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

Tgt Ion:	69	Resp:	596704
Ion	Ratio	Lower	Upper
69	100		
41	67.9	55.0	82.4
39	36.6	28.7	43.1



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





#57

1,3-Dichloropropane

Concen: 48.038 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

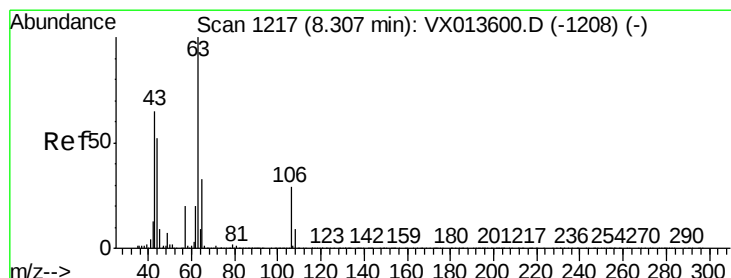
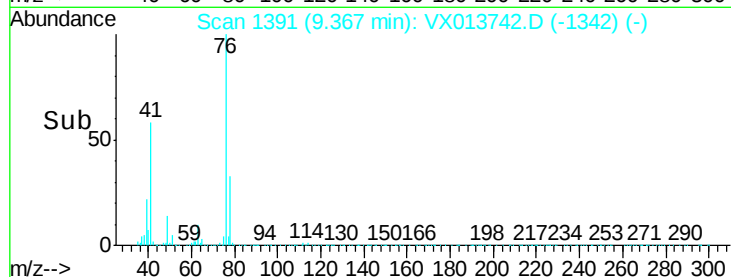
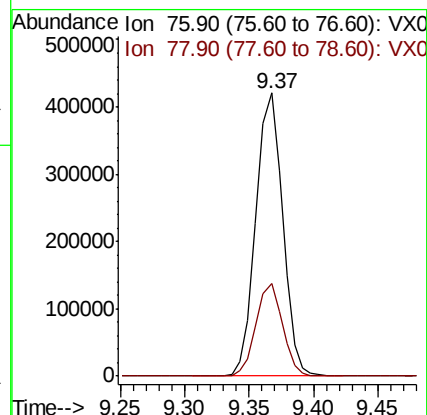
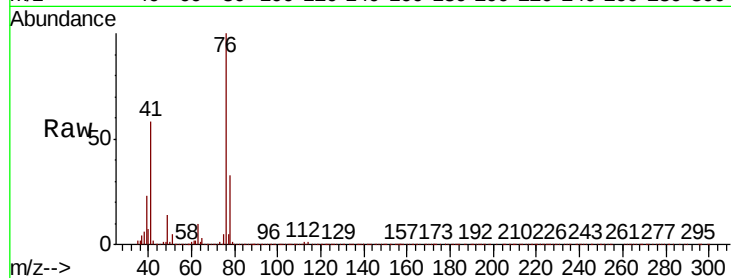
ClientSampleId :

Tot Ion: 76 Resp: 604908

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 240.837 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013742.D

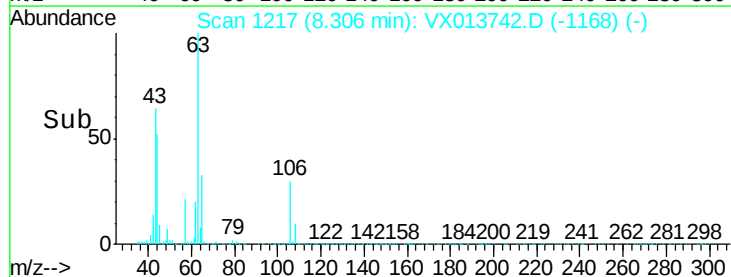
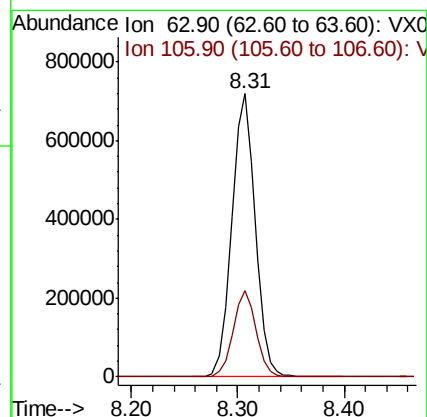
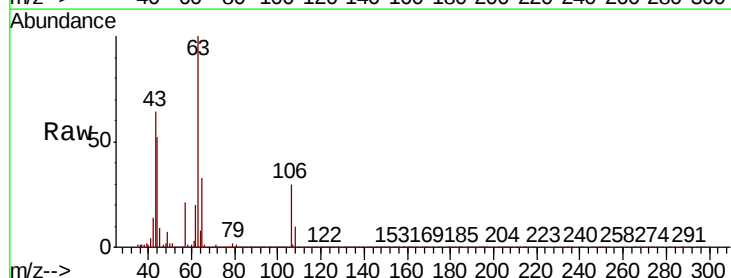
Acq: 03 Dec 2019 22:01

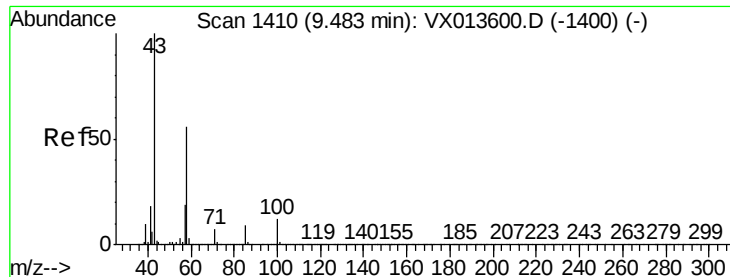
Tgt Ion: 63 Resp: 1109062

Ion Ratio Lower Upper

63 100

106 29.7 23.4 35.0

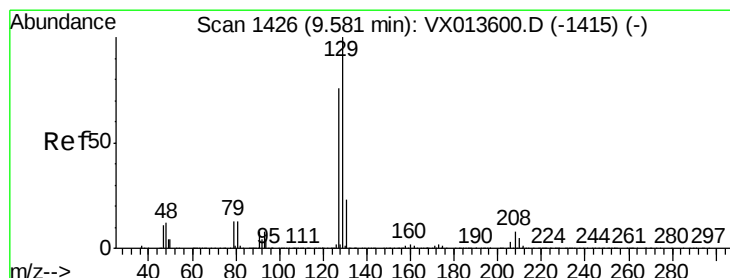
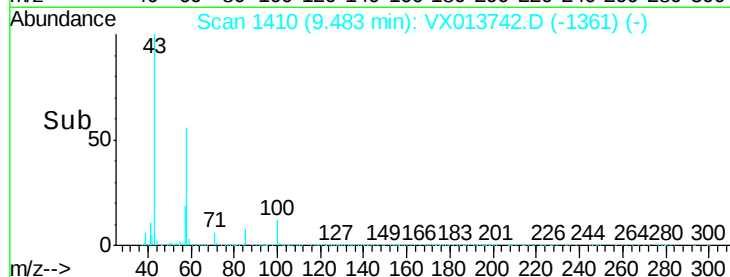
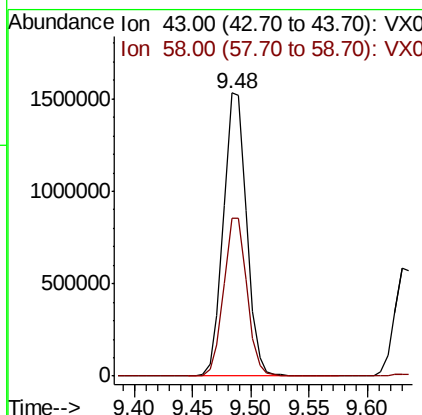
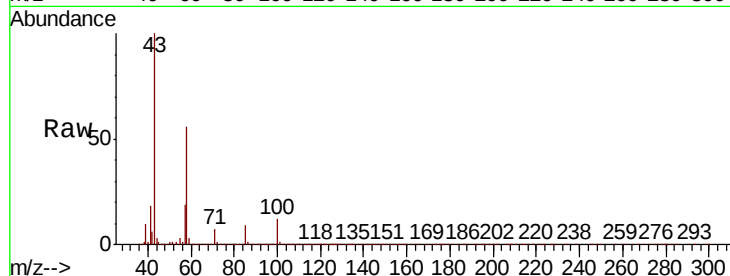




#59
2-Hexanone
Concen: 243.782 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

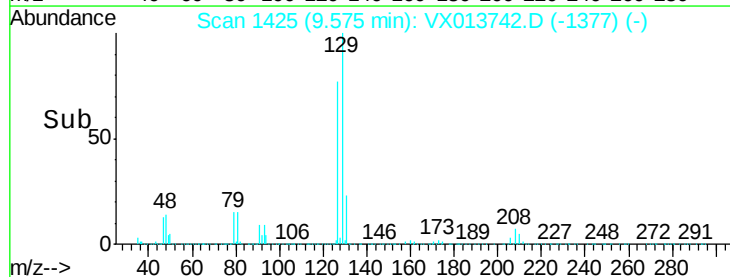
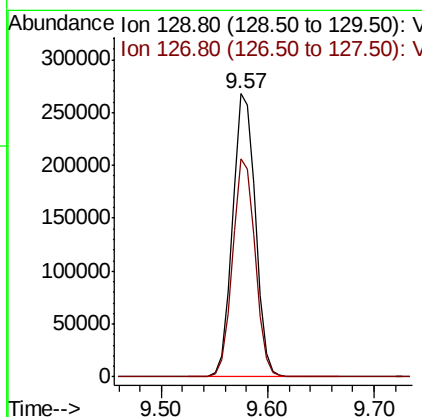
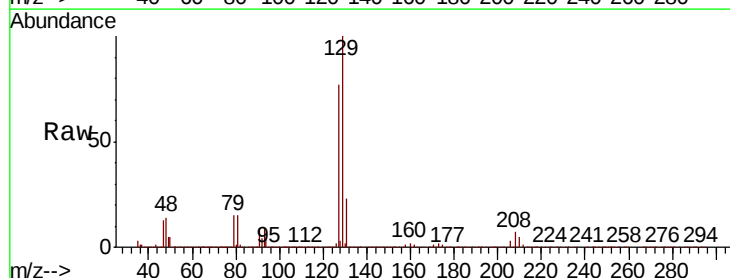
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2116353
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.4



#60
Dibromochloromethane
Concen: 53.189 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion: 129 Resp: 403258
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

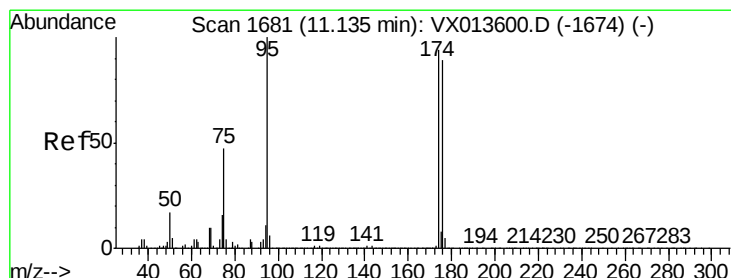
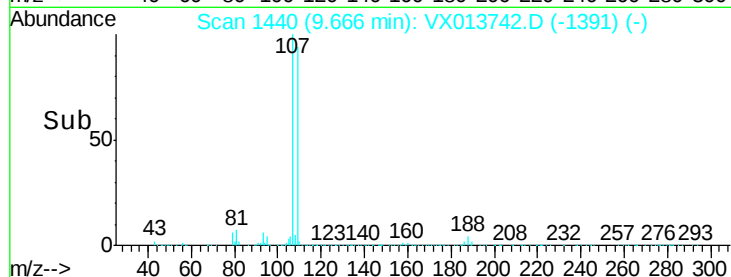
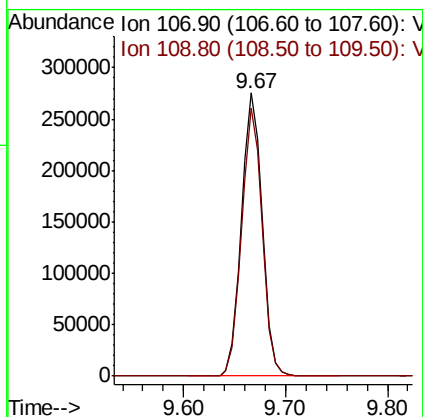
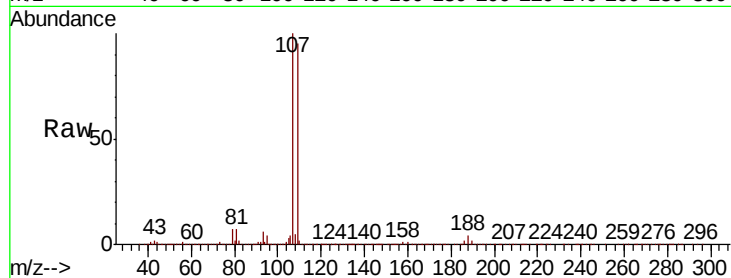




#61
 1,2-Dibromoethane
 Concen: 49.239 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

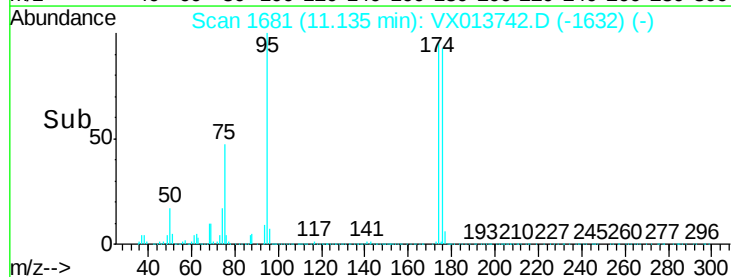
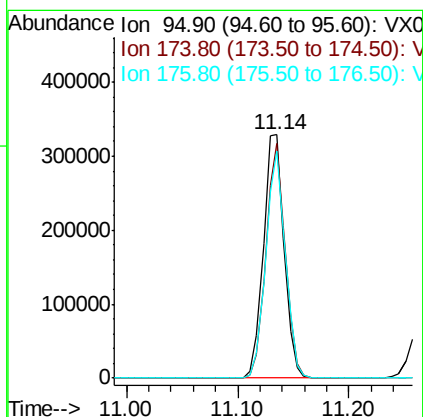
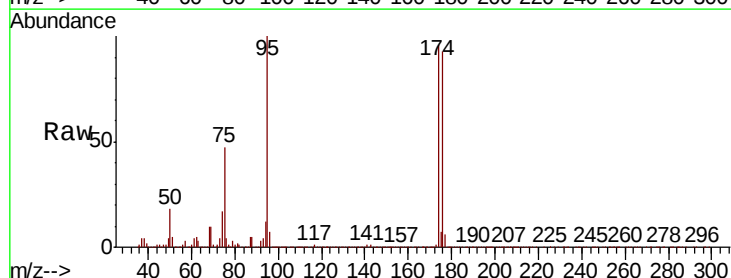
Instrument :
 MSVOA_X
 ClientSampleId :

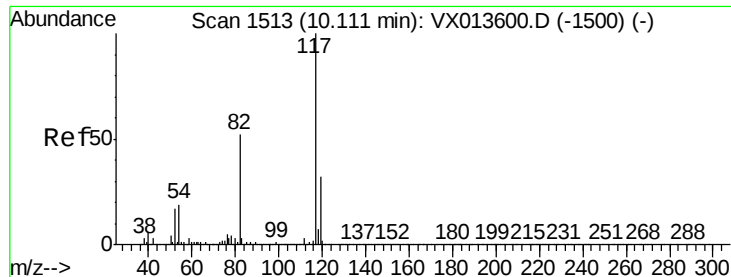
Tot Ion:107 Resp: 384191
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.134 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

Tgt Ion: 95 Resp: 432105
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 180.0
 176 87.8 0.0 173.6

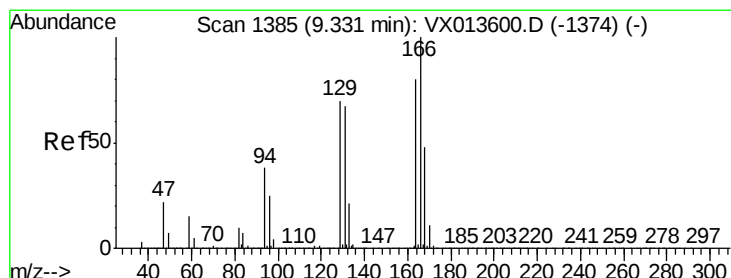
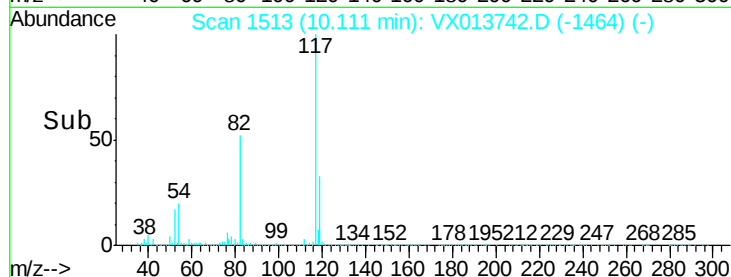
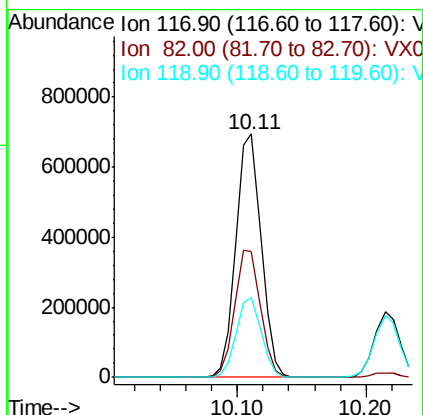
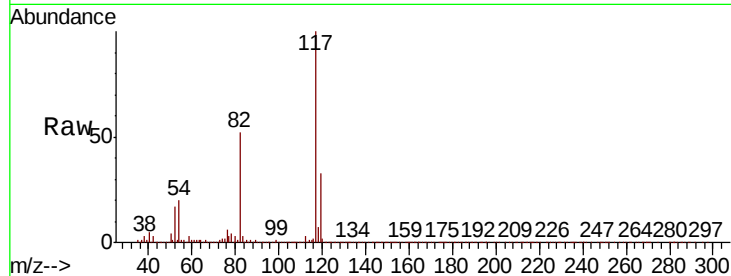




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

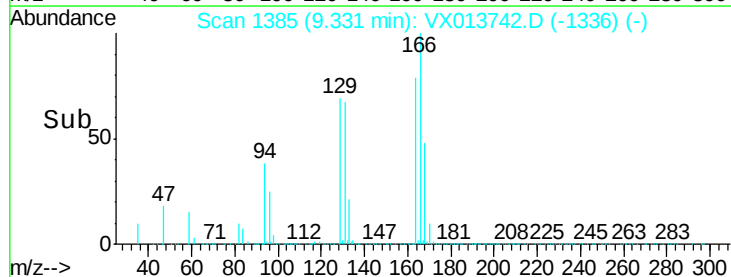
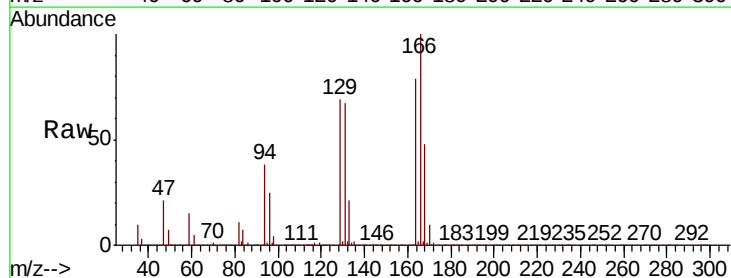
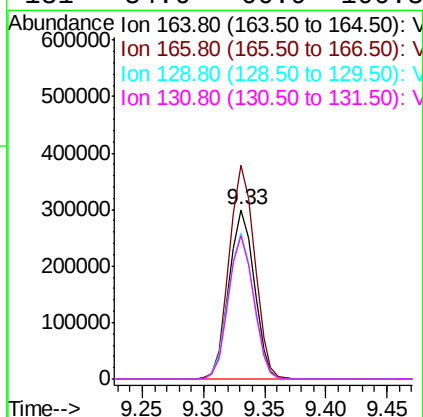
Instrument :
MSVOA_X
ClientSampleId :

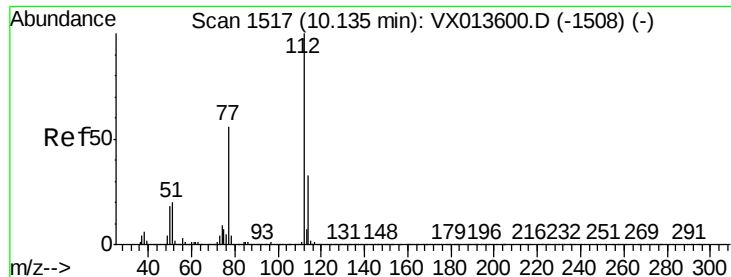
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.8
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 59.978 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.7	149.5
129	86.4	70.1	105.1
131	84.6	66.9	100.3

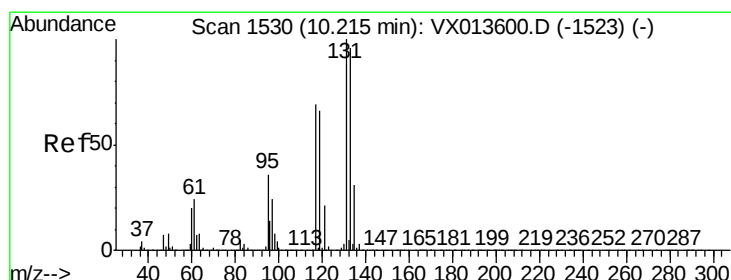
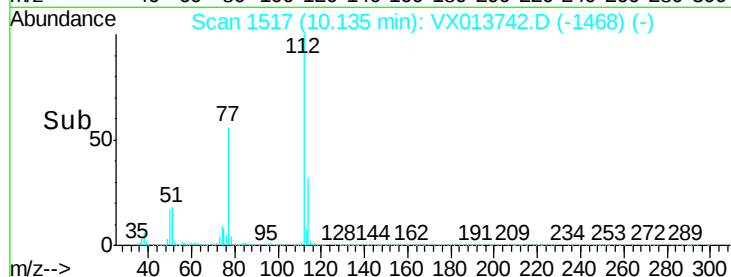
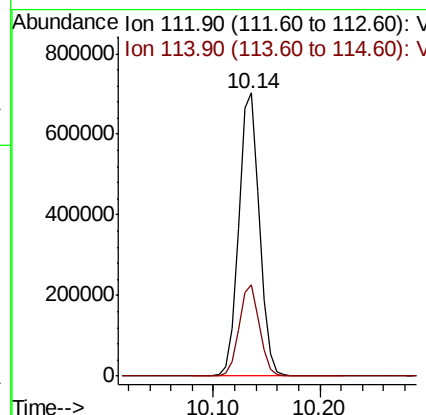
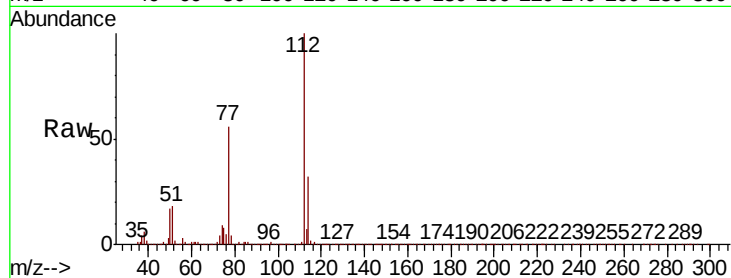




#65
Chlorobenzene
Concen: 48.083 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

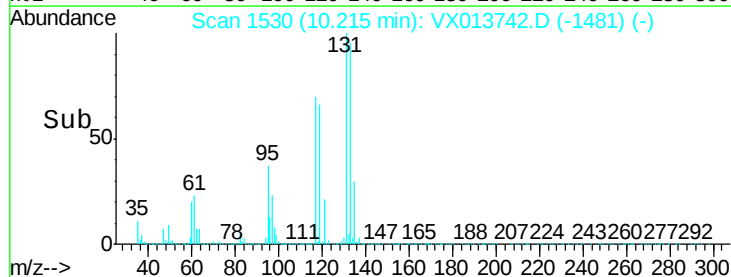
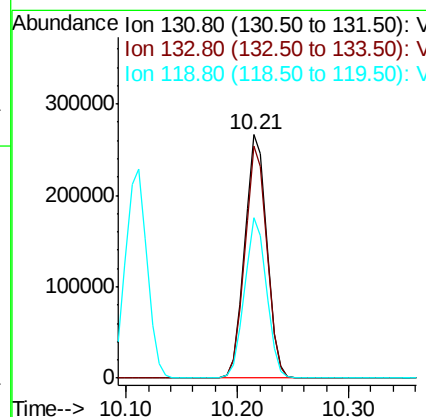
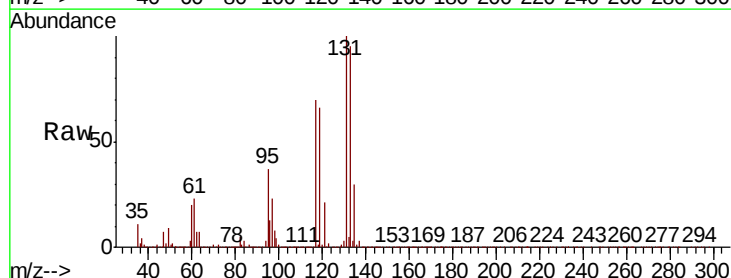
Instrument :
MSVOA_X
ClientSampleId :

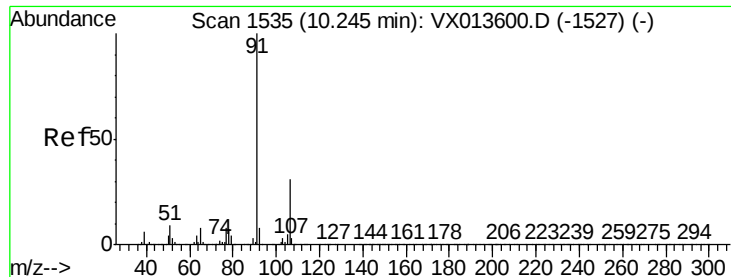
Tot Ion:112 Resp: 953786
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.428 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion:131 Resp: 366323
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 65.5 32.9 98.6





#67

Ethyl Benzene

Concen: 49.224 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

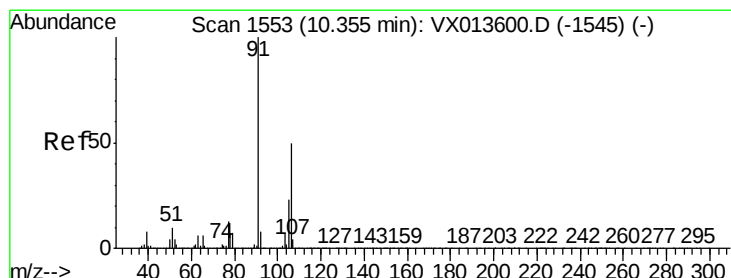
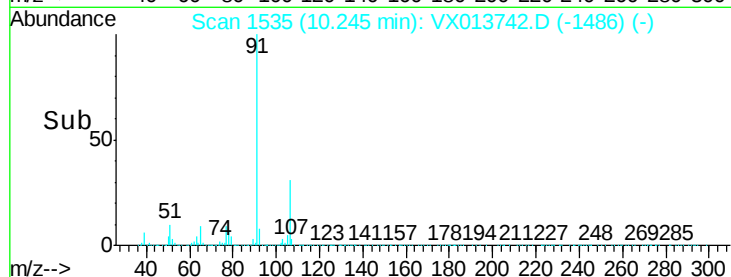
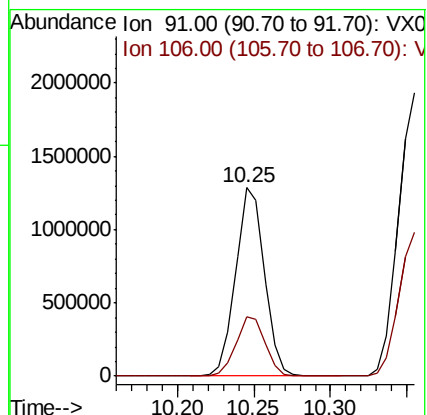
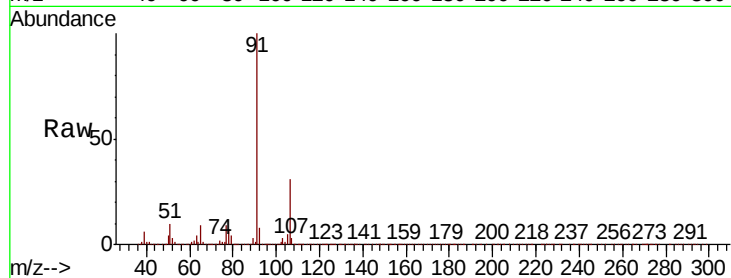
ClientSampleId :

Tot Ion: 91 Resp: 1677879

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 98.487 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013742.D

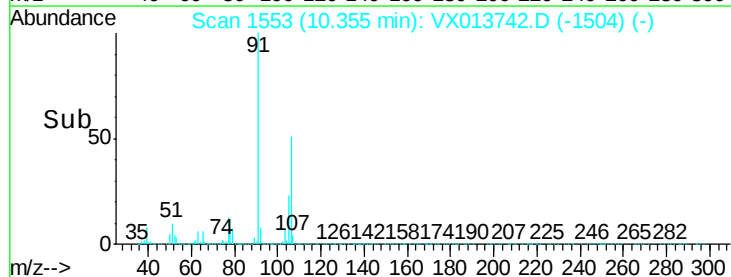
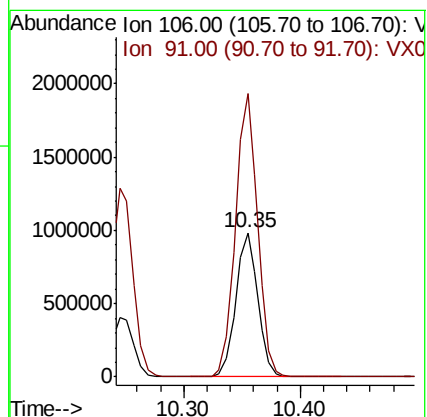
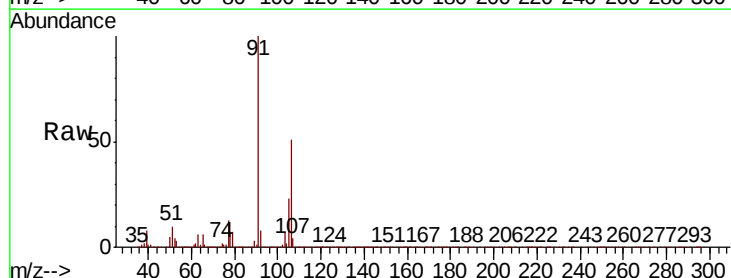
Acq: 03 Dec 2019 22:01

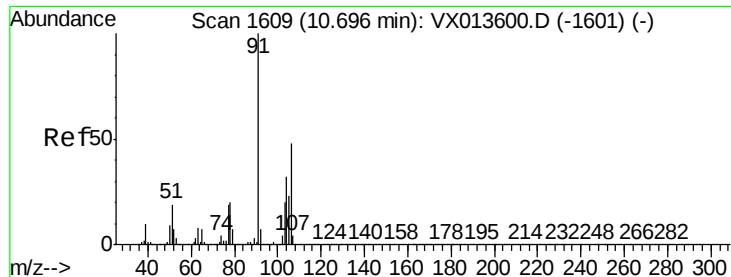
Tgt Ion: 106 Resp: 1285273

Ion Ratio Lower Upper

106 100

91 198.7 159.0 238.4

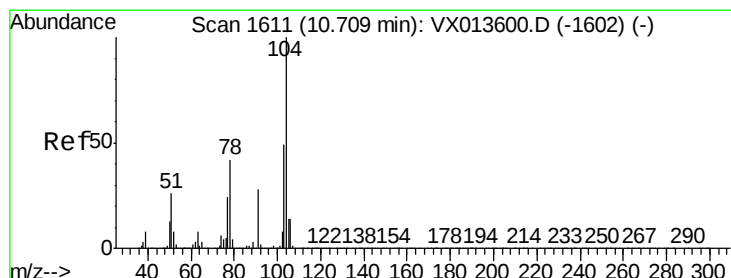
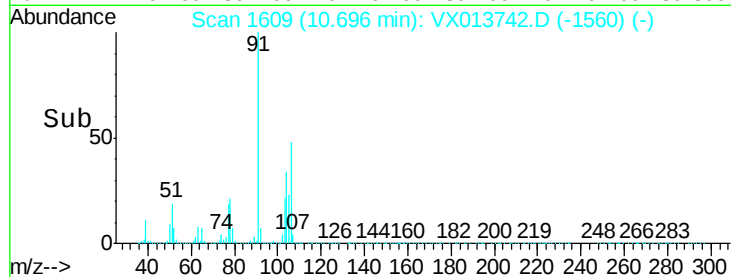
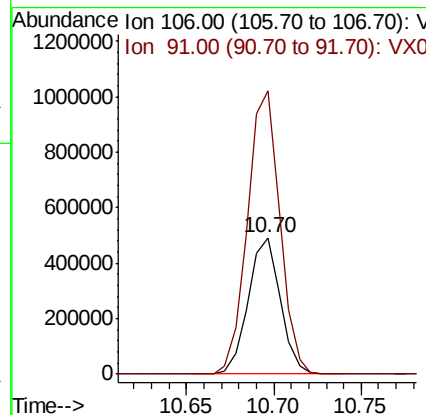
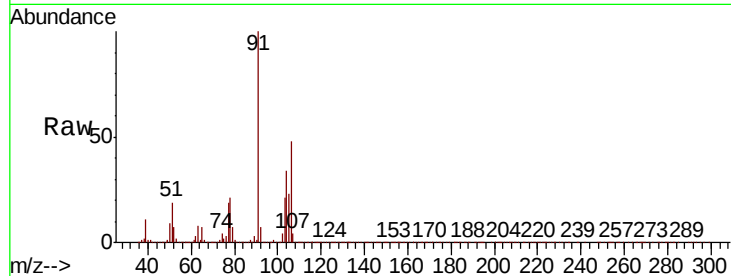




#69
o-Xylene
Concen: 49.136 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

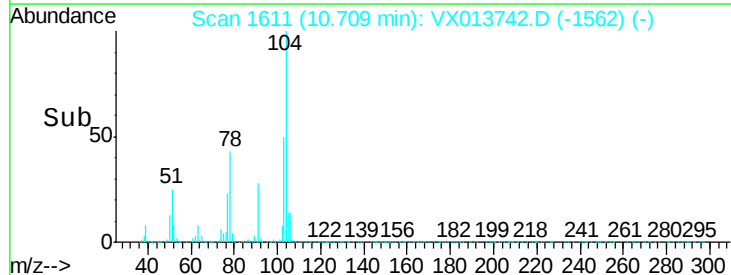
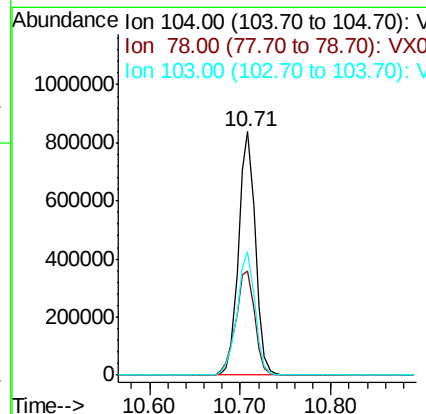
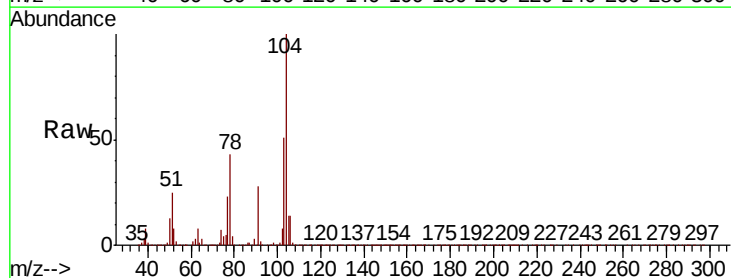
Instrument :
MSVOA_X
ClientSampleId :

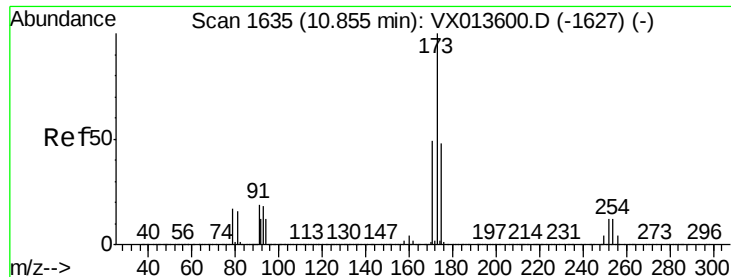
Tot Ion:106 Resp: 625400
Ion Ratio Lower Upper
106 100
91 210.1 104.1 312.2



#70
Styrene
Concen: 50.035 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion:104 Resp: 1071267
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 54.5 43.7 65.5





#71

Bromoform

Concen: 54.758 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

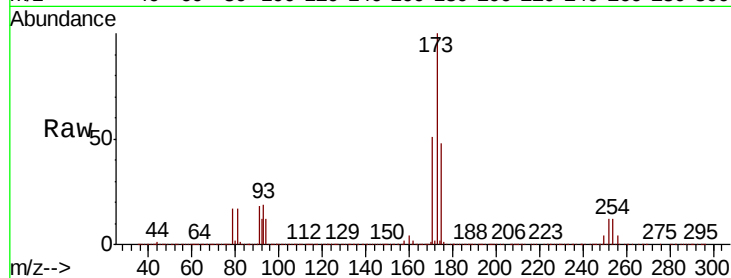
Tot Ion:173 Resp: 322730

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

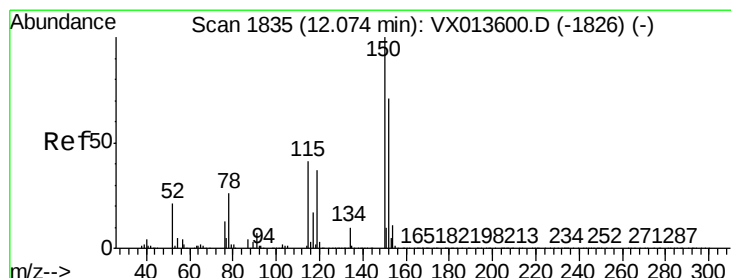
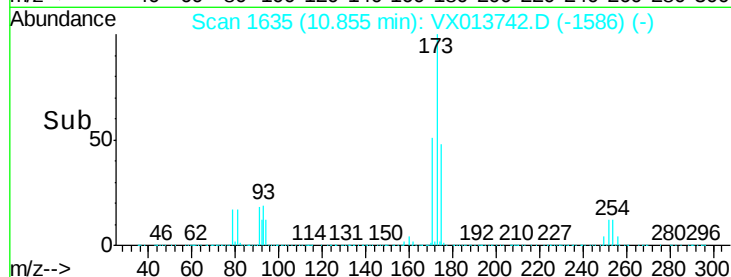
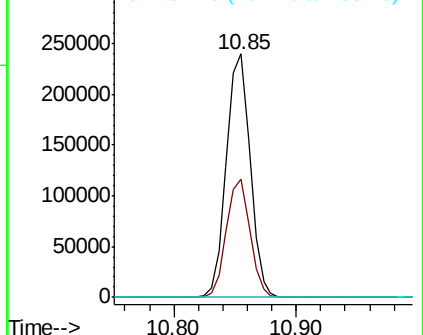
254 0.2 0.2 0.4#



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

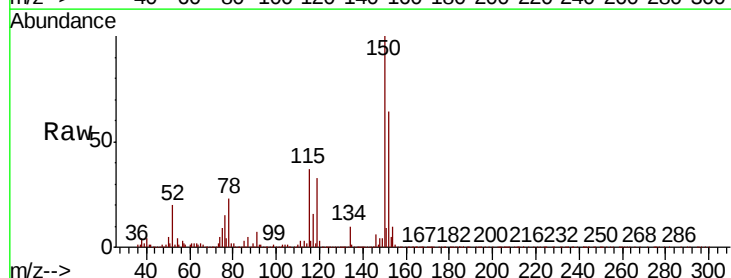
Tgt Ion:152 Resp: 482536

Ion Ratio Lower Upper

152 100

115 76.6 38.4 115.1

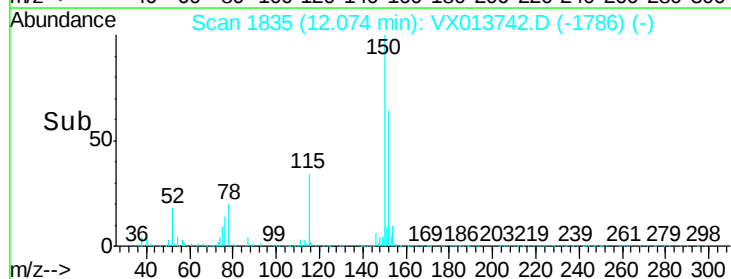
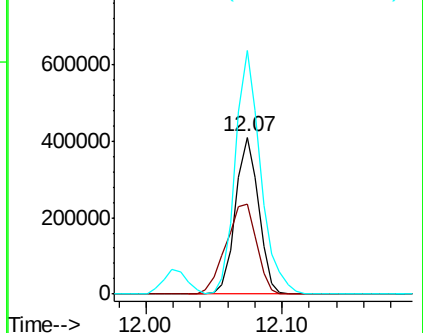
150 170.3 0.0 346.8

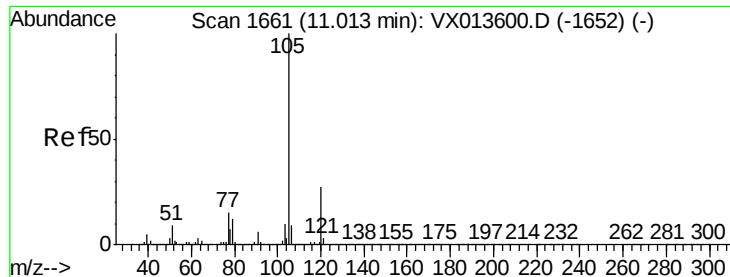


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.662 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

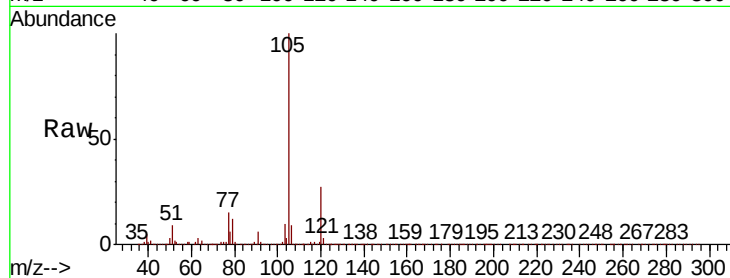
ClientSampleId :

Tot Ion:105 Resp: 1647117

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

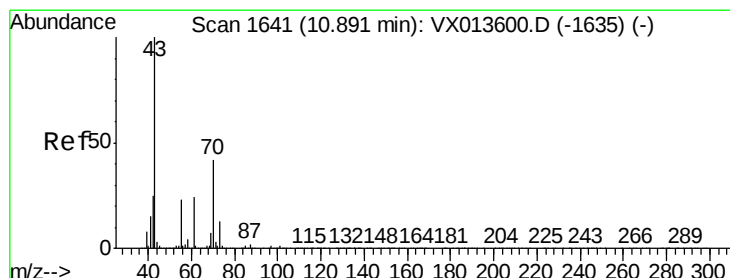
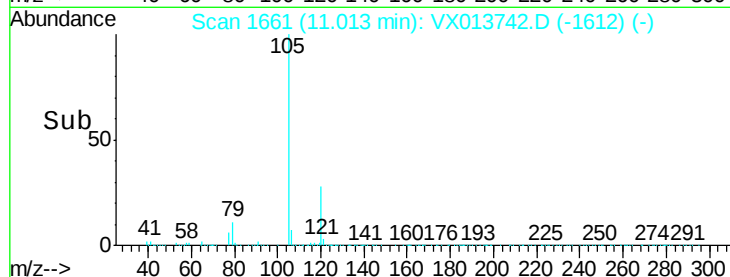
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 50.520 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Tgt Ion: 43 Resp: 783332

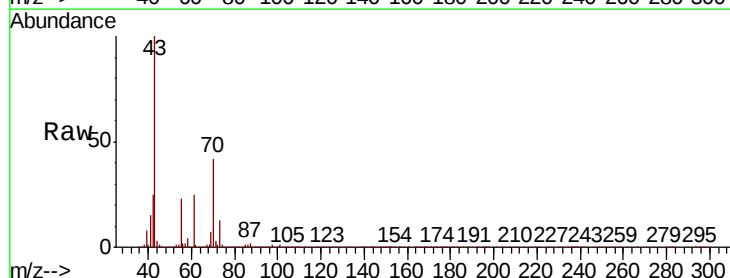
Ion Ratio Lower Upper

43 100

70 43.5 34.3 51.5

55 23.4 18.5 27.7

61 25.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1000000

800000

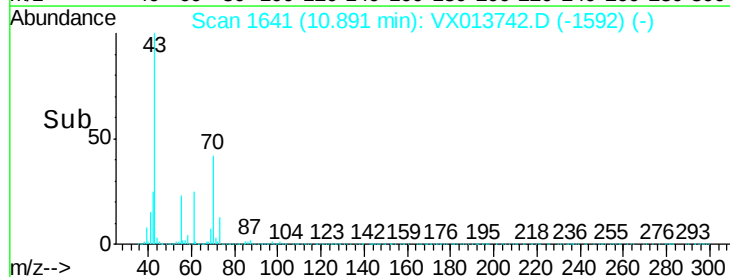
600000

400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.699 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

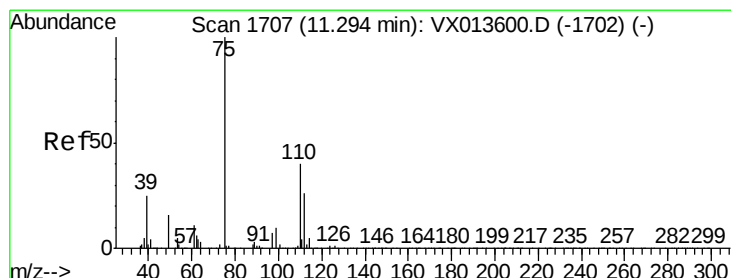
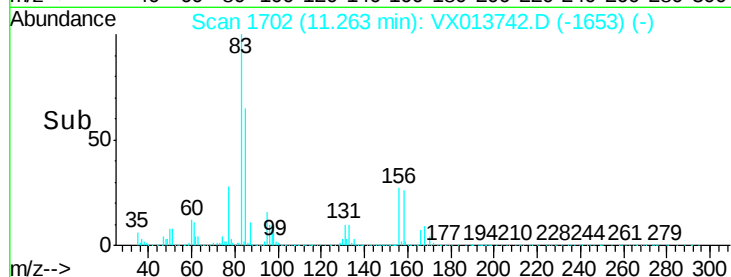
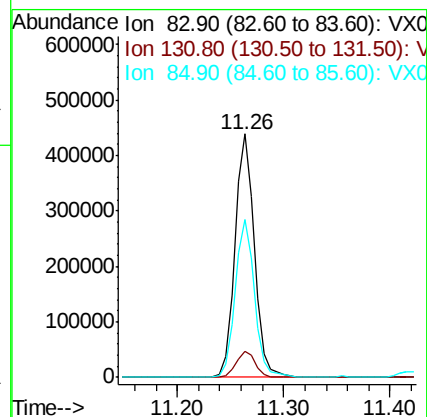
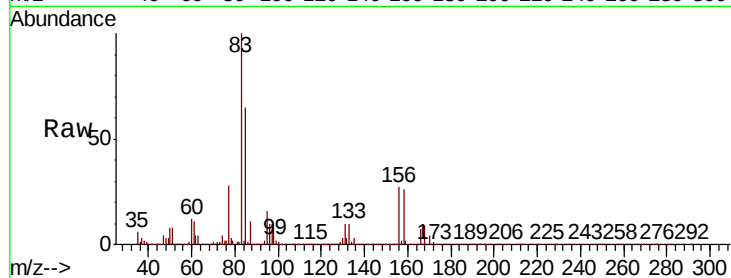
Tot Ion: 83 Resp: 559903

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 64.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 60.069 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013742.D

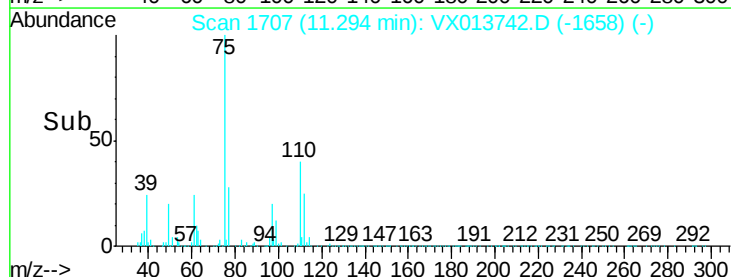
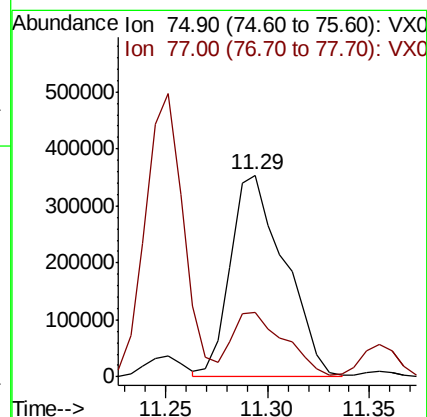
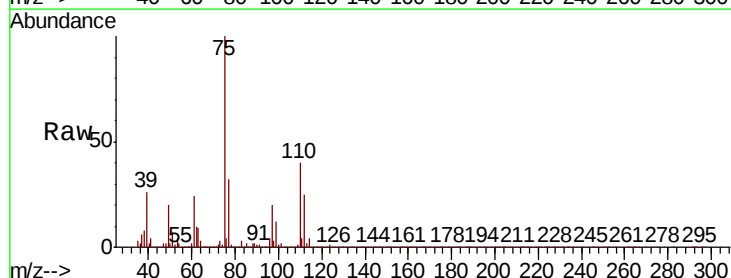
Acq: 03 Dec 2019 22:01

Tgt Ion: 75 Resp: 651933

Ion Ratio Lower Upper

75 100

77 30.8 19.1 57.5





#77

Bromobenzene

Concen: 48.254 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

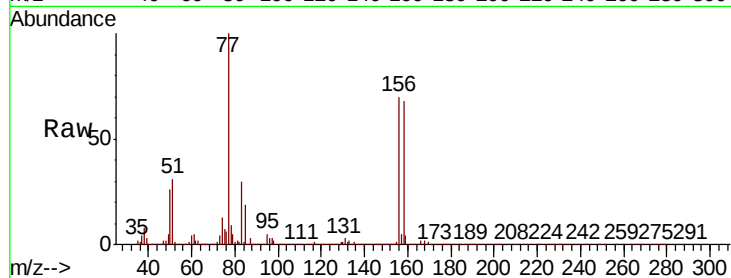
Tot Ion:156 Resp: 441242

Ion Ratio Lower Upper

156 100

77 146.2 74.4 223.1

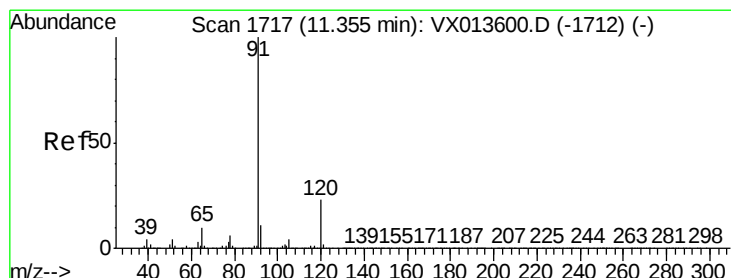
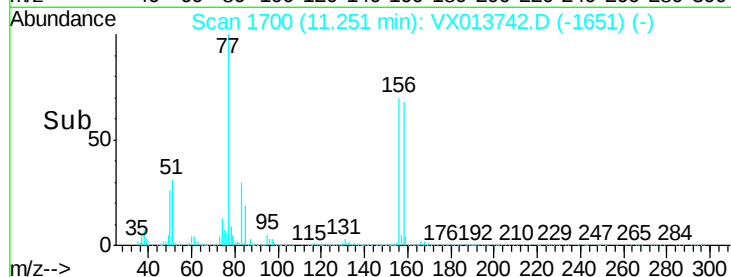
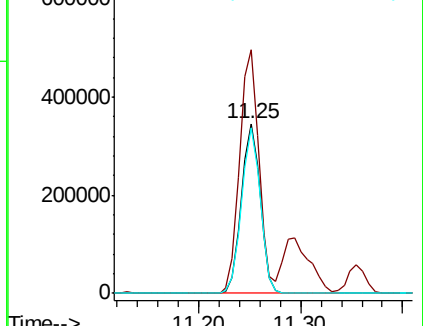
158 96.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.686 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013742.D

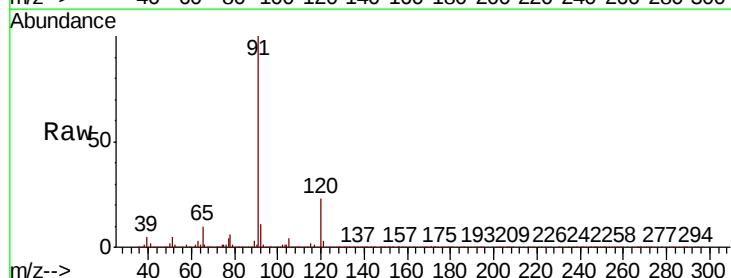
Acq: 03 Dec 2019 22:01

Tgt Ion: 91 Resp: 1839587

Ion Ratio Lower Upper

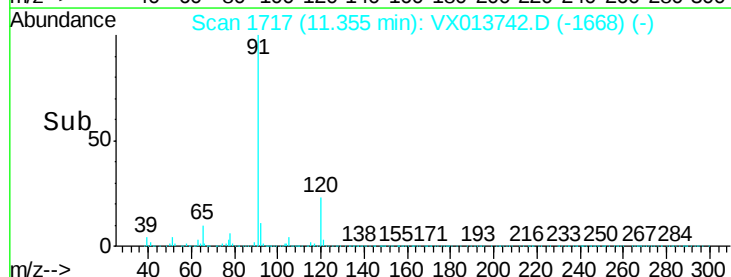
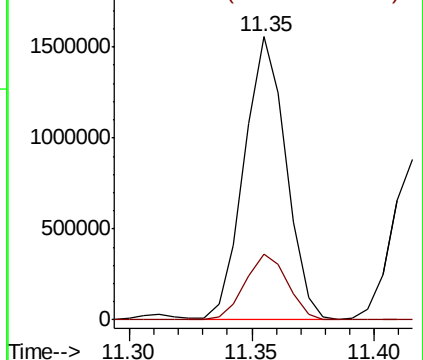
91 100

120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.259 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

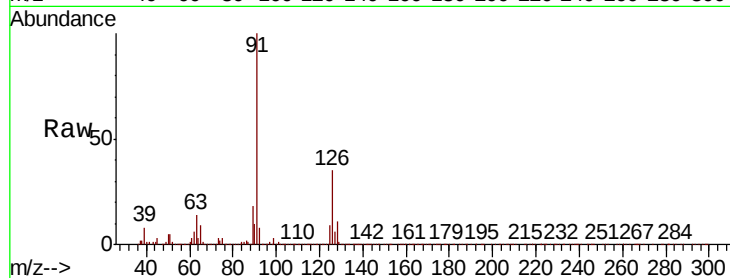
ClientSampleId :

Tot Ion: 91 Resp: 1093849

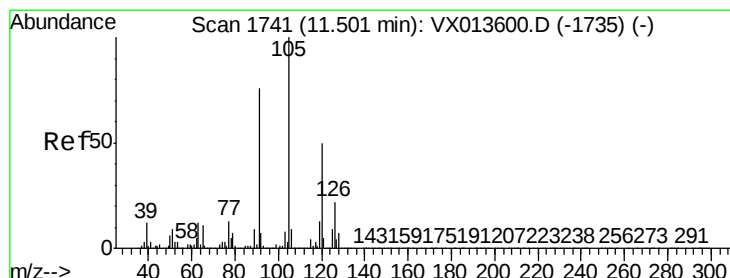
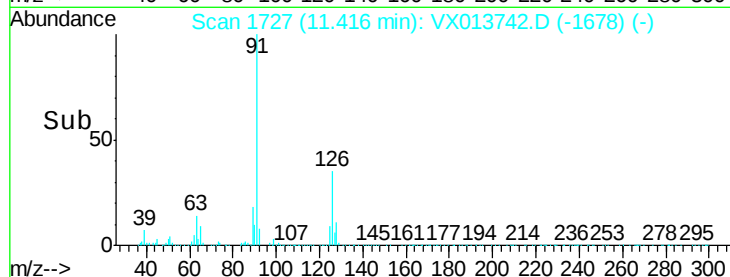
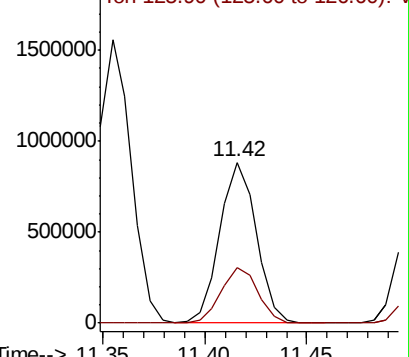
Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.429 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013742.D

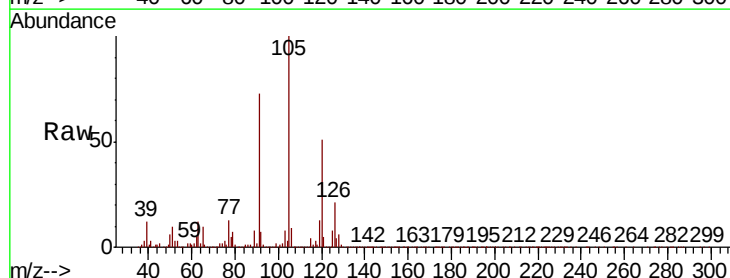
Acq: 03 Dec 2019 22:01

Tgt Ion: 105 Resp: 1371245

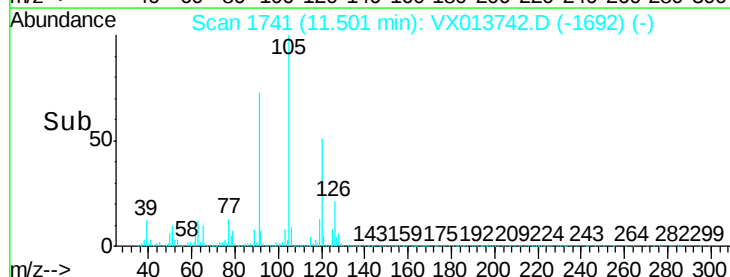
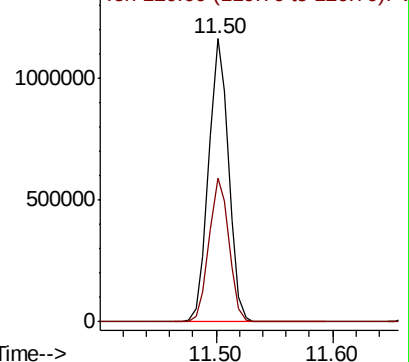
Ion Ratio Lower Upper

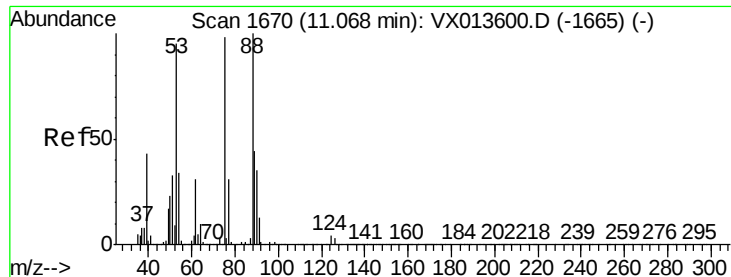
105 100

120 50.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.132 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

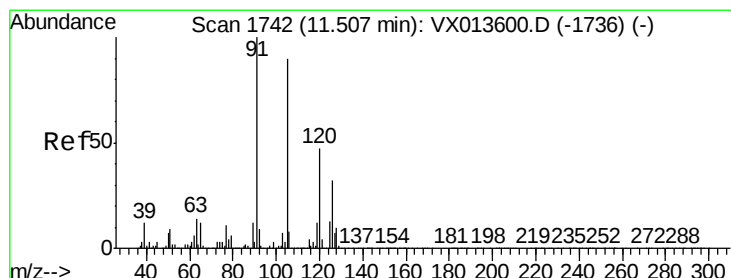
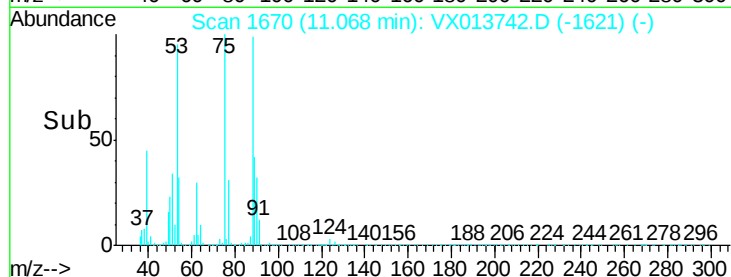
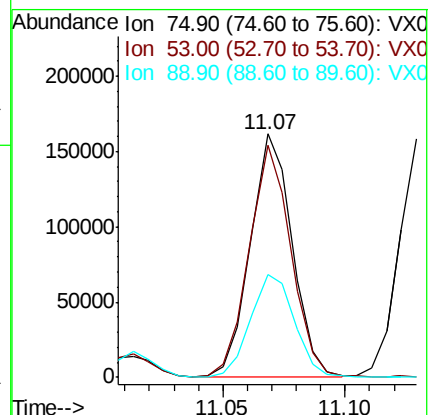
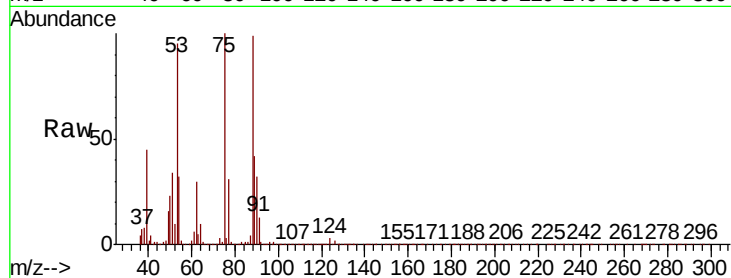
Tot Ion: 75 Resp: 190940

Ion Ratio Lower Upper

75 100

53 95.6 78.2 117.2

89 45.2 35.4 53.2



#82

4-Chlorotoluene

Concen: 48.084 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013742.D

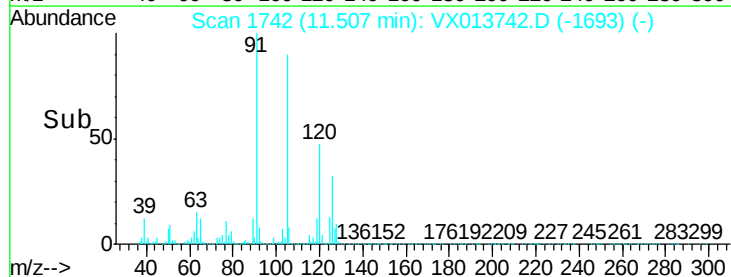
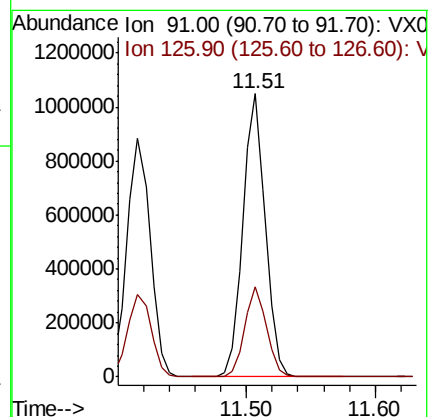
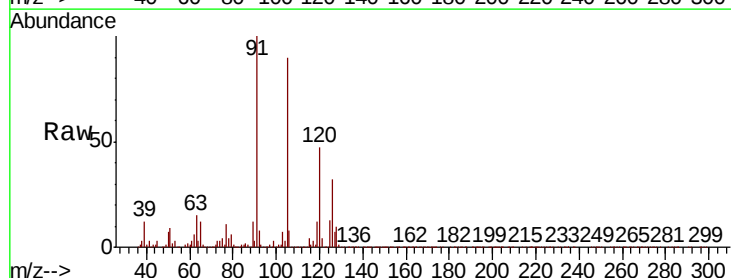
Acq: 03 Dec 2019 22:01

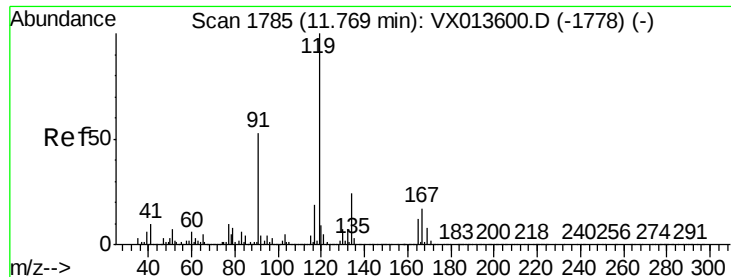
Tgt Ion: 91 Resp: 1262309

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.0





#83

tert-Butylbenzene

Concen: 46.835 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

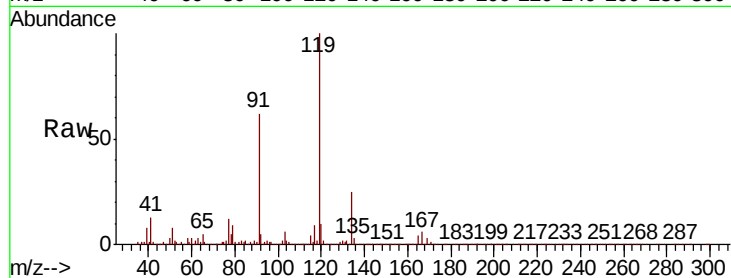
Tot Ion:119 Resp: 1320436

Ion Ratio Lower Upper

119 100

91 57.2 27.2 81.6

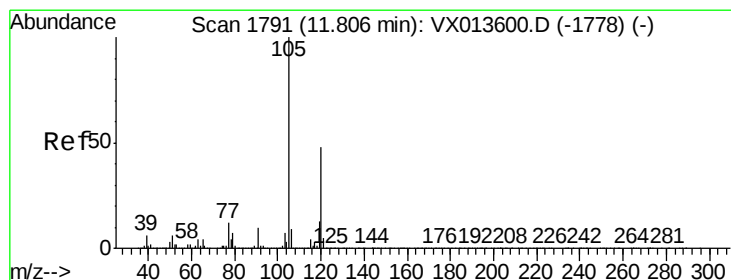
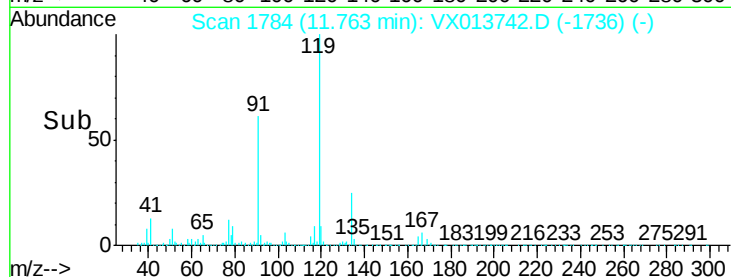
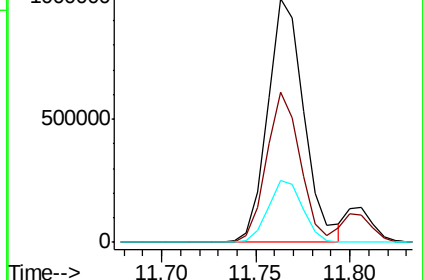
134 24.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.280 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013742.D

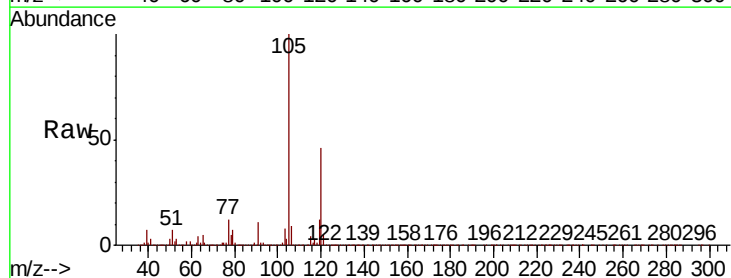
Acq: 03 Dec 2019 22:01

Tgt Ion:105 Resp: 1387469

Ion Ratio Lower Upper

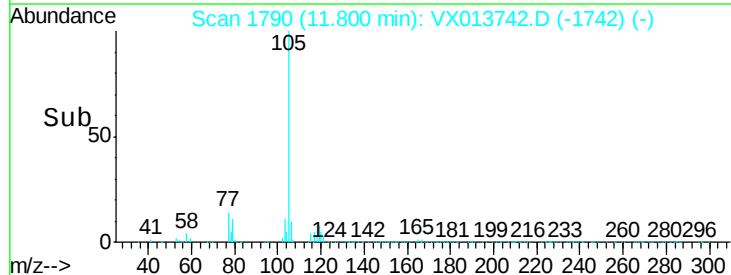
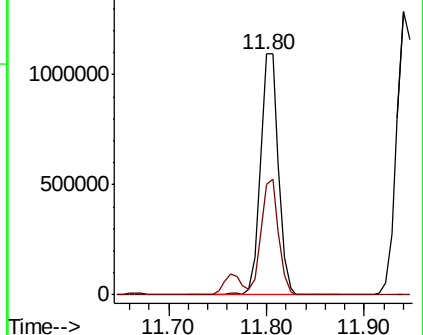
105 100

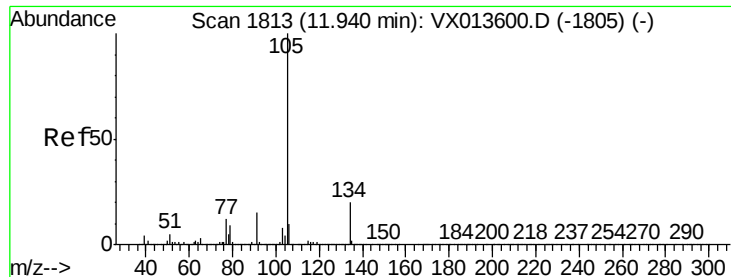
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.151 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

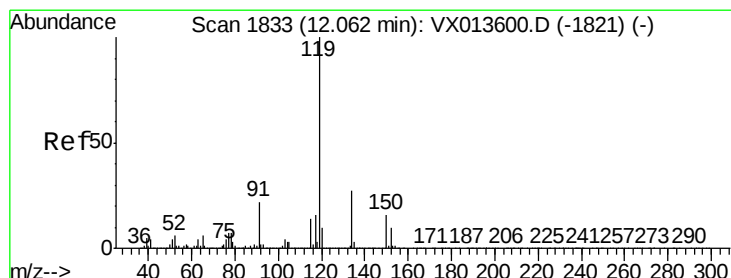
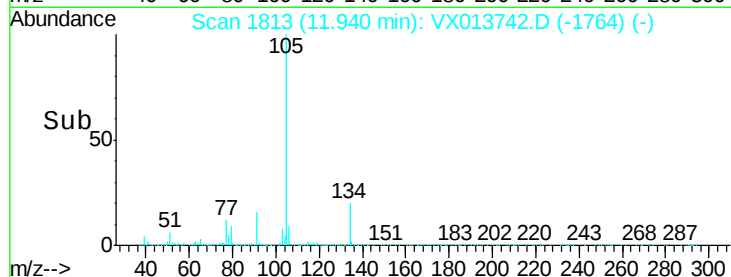
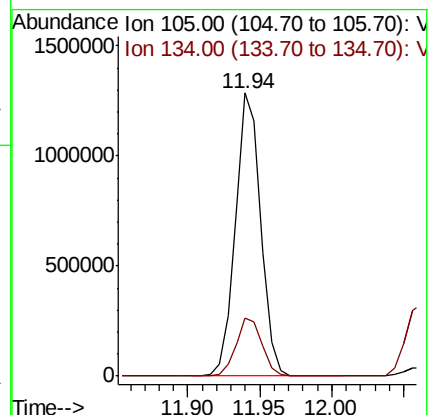
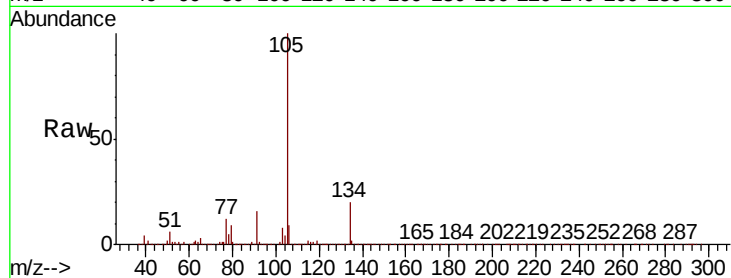
ClientSampled :

Tot Ion:105 Resp: 1582808

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 48.912 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

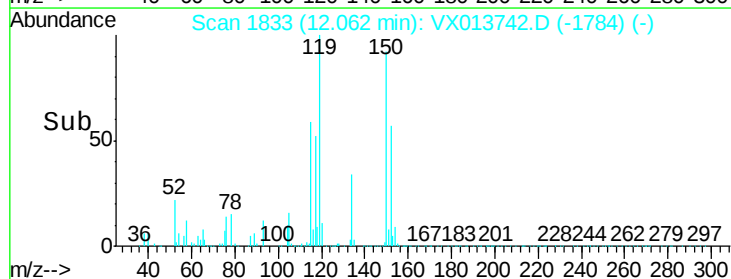
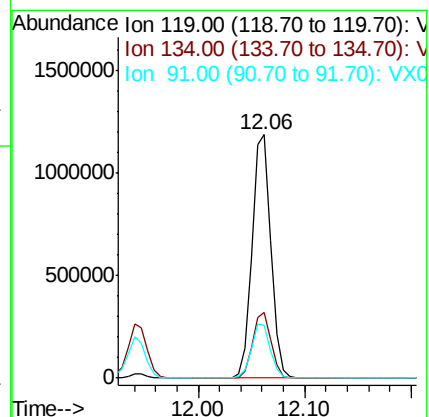
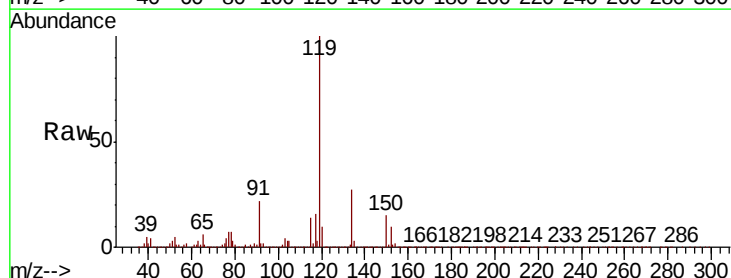
Tgt Ion:119 Resp: 1465332

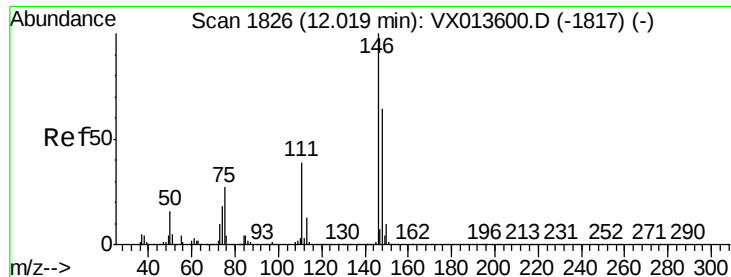
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 22.5 11.3 33.8

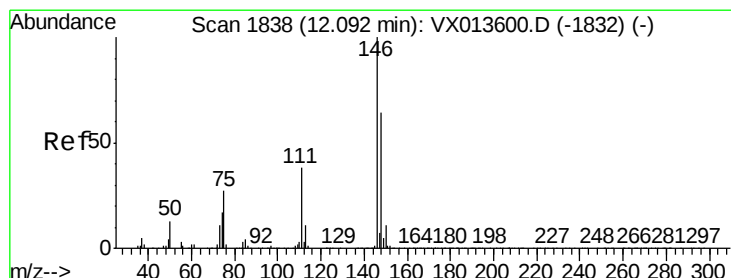
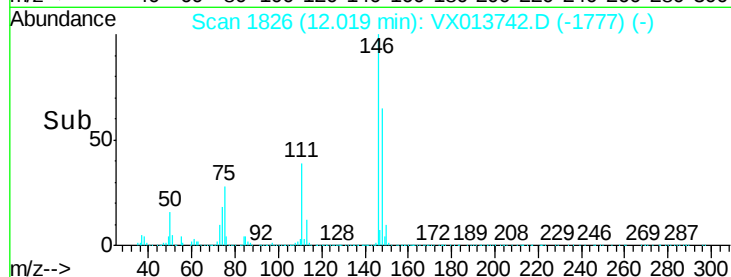
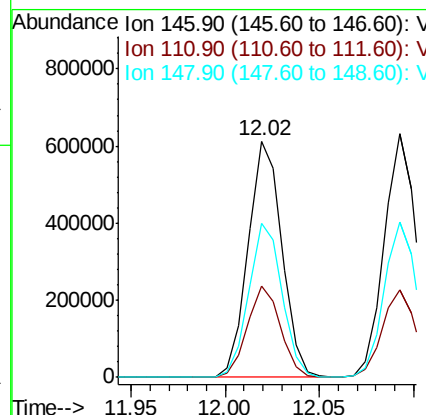
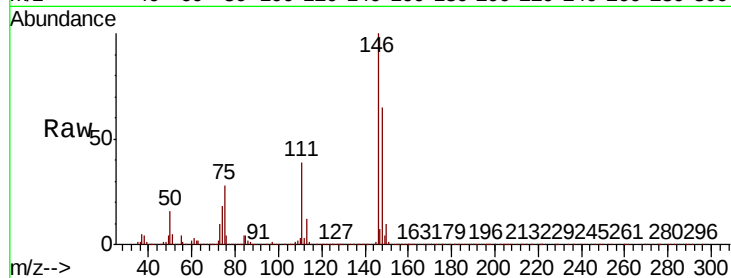




#87
 1,3-Dichlorobenzene
 Concen: 47.761 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

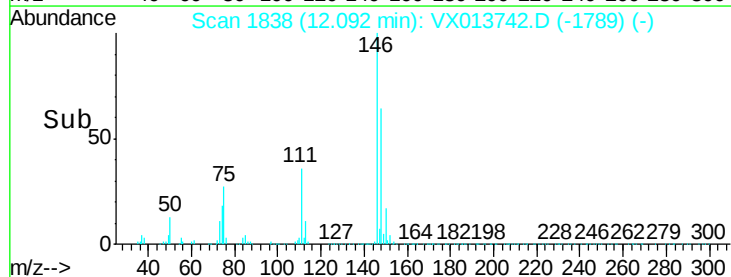
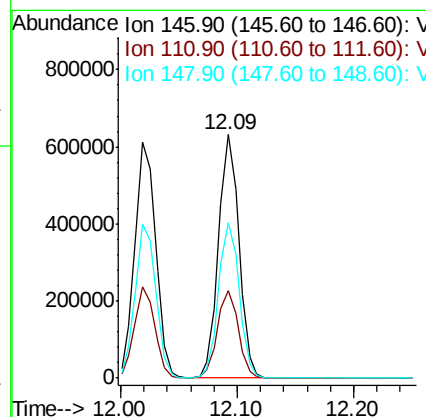
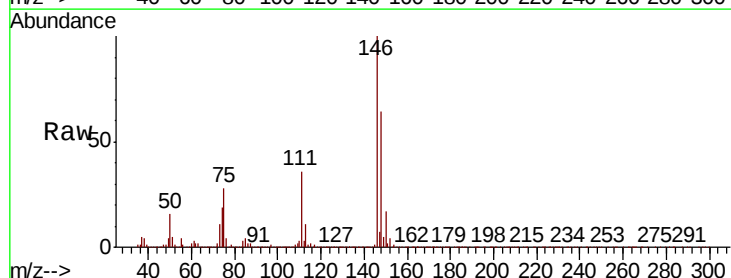
Instrument :
 MSVOA_X
 ClientSampleId :

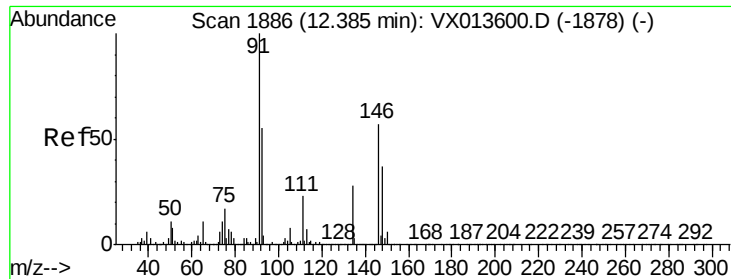
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	64.8	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 46.845 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013742.D
 Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.9
148	64.6	31.9	95.5

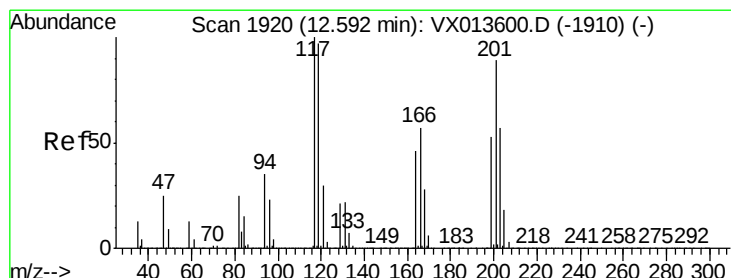
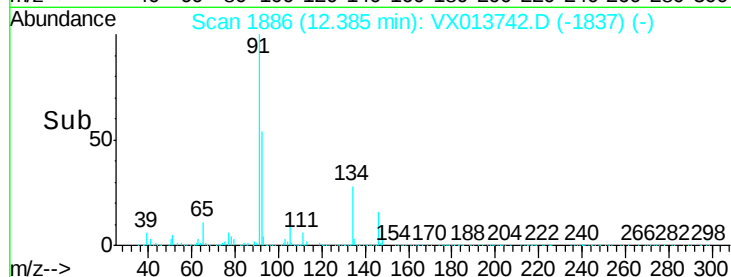
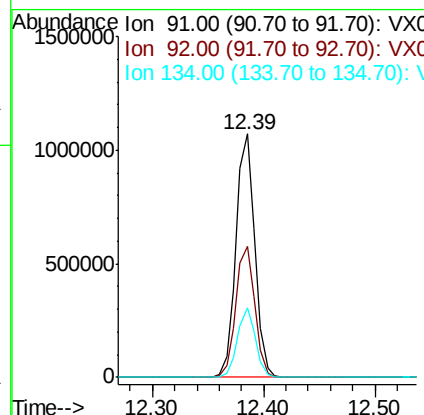
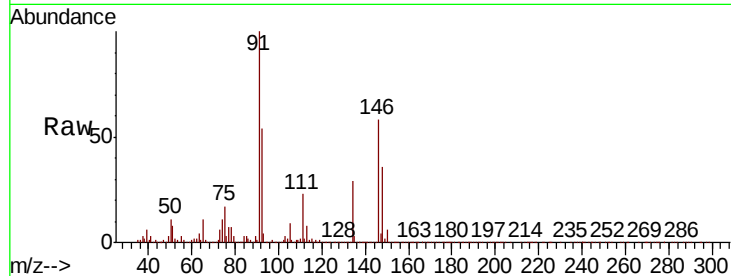




#89
n-Butylbenzene
Concen: 48.748 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

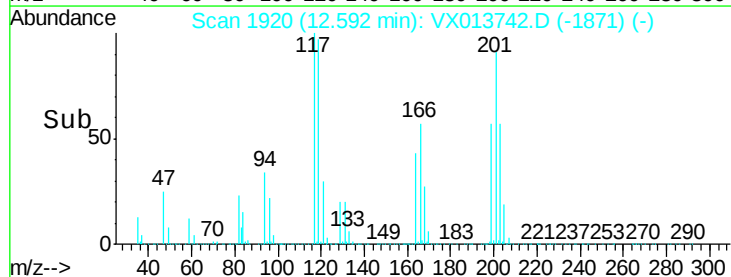
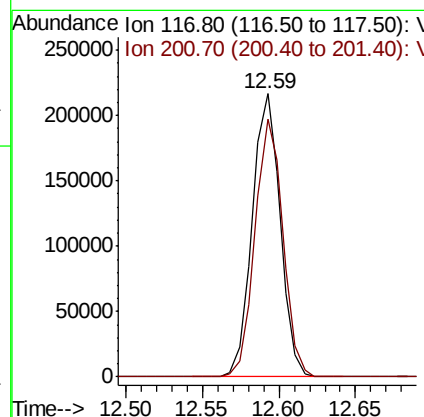
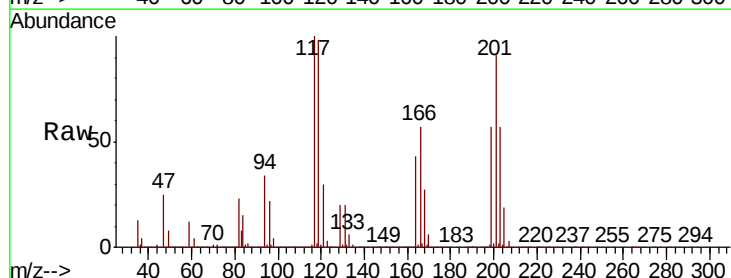
Instrument :
MSVOA_X
ClientSampled :

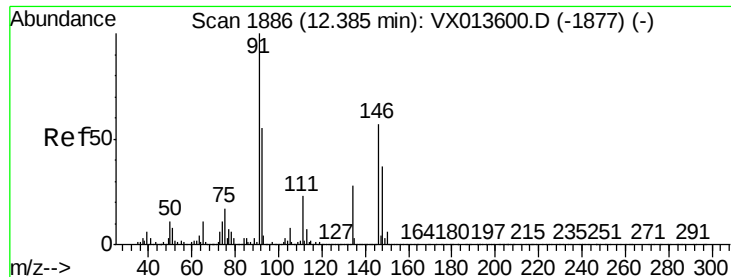
Tot Ion: 91 Resp: 1245583
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 27.4 13.5 40.4



#90
Hexachloroethane
Concen: 50.494 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion: 117 Resp: 273430
Ion Ratio Lower Upper
117 100
201 91.9 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 48.798 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013742.D

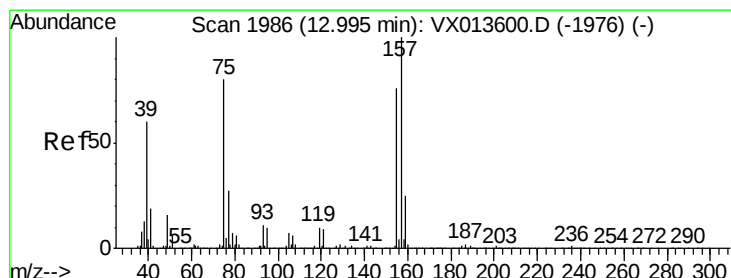
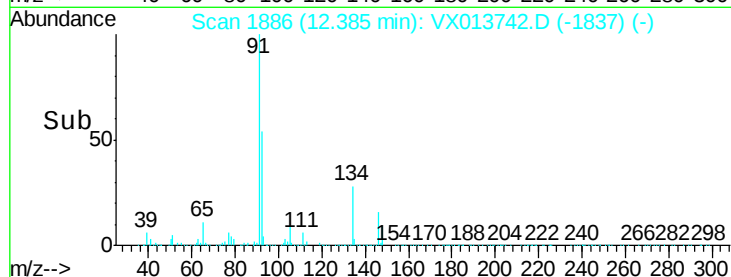
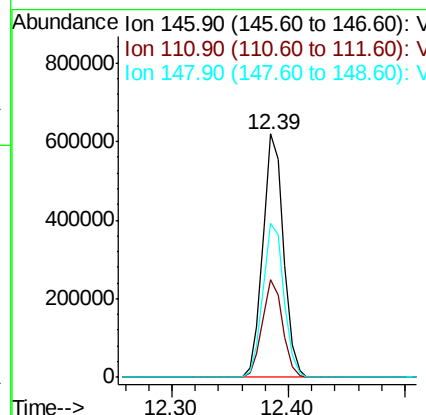
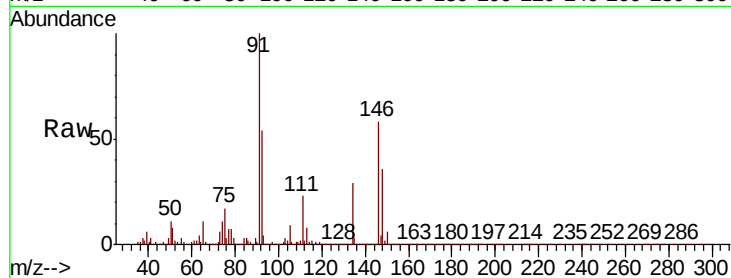
Acq: 03 Dec 2019 22:01

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	768518
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.4	31.9	95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.362 ug/l

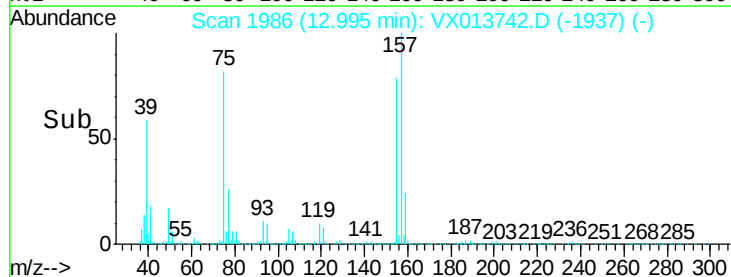
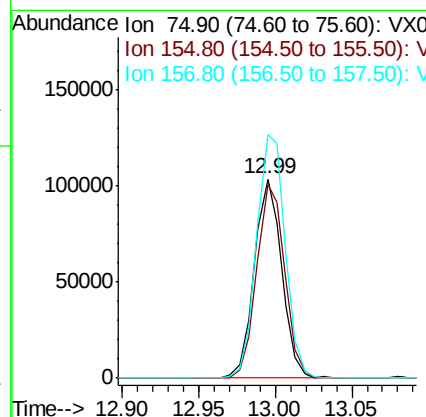
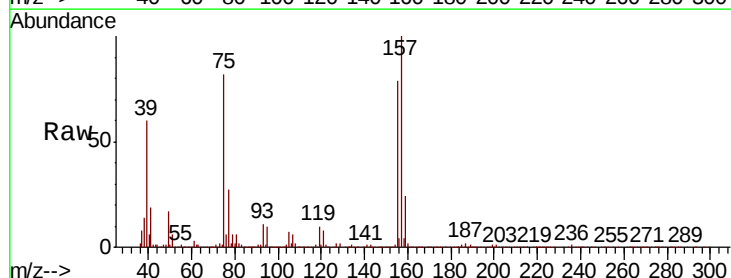
RT: 12.99 min Scan# 1986

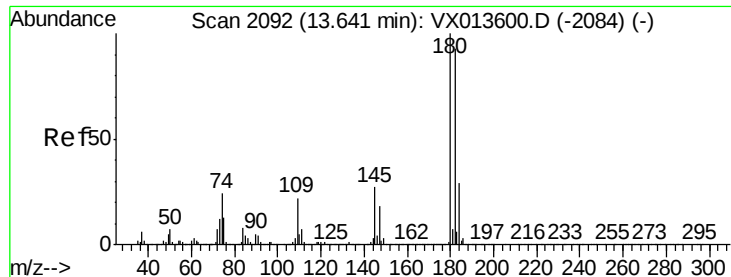
Delta R.T. -0.00 min

Lab File: VX013742.D

Acq: 03 Dec 2019 22:01

Tgt Ion:	75	Resp:	128736
Ion	Ratio	Lower	Upper
75	100		
155	99.9	47.6	142.8
157	128.2	62.1	186.2

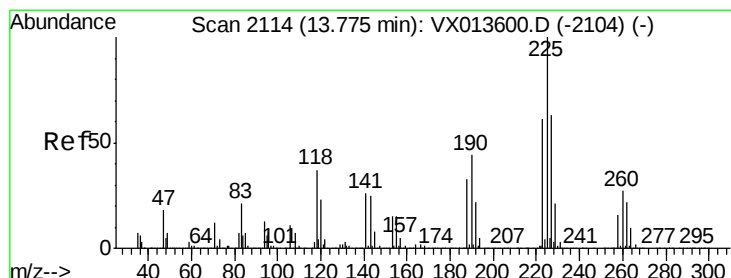
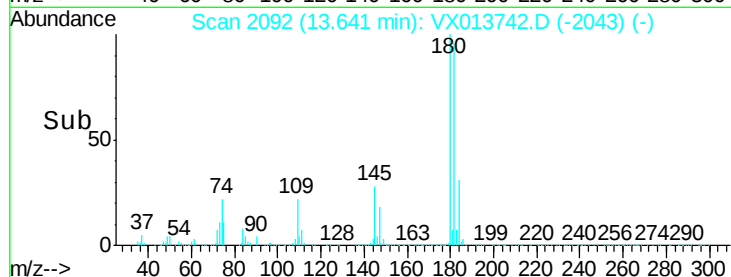
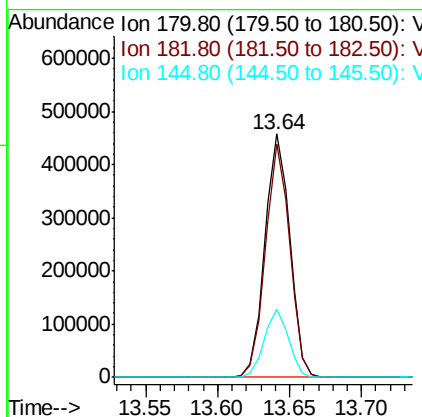
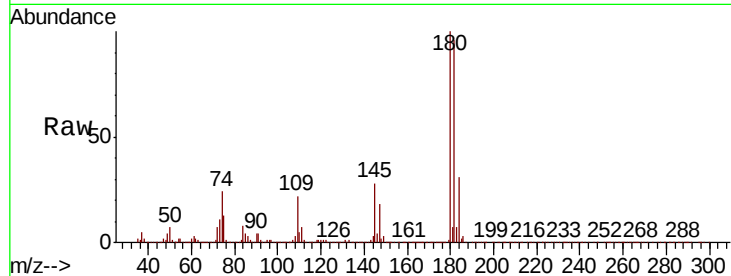




#93
1,2,4-Trichlorobenzene
Concen: 49.614 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

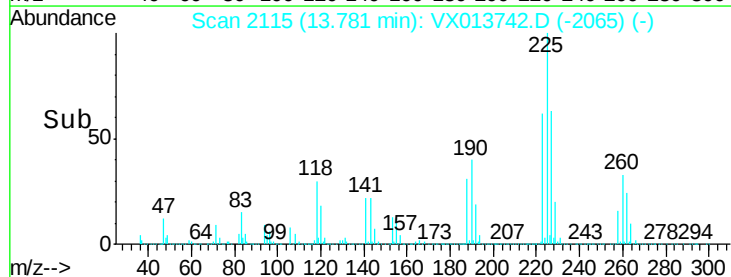
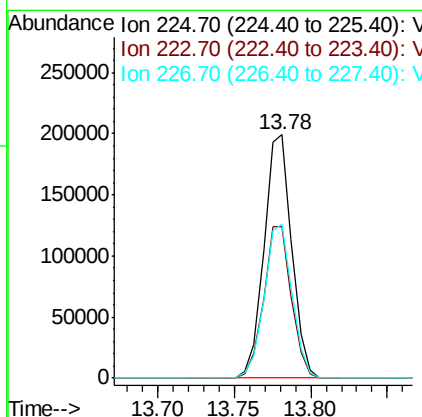
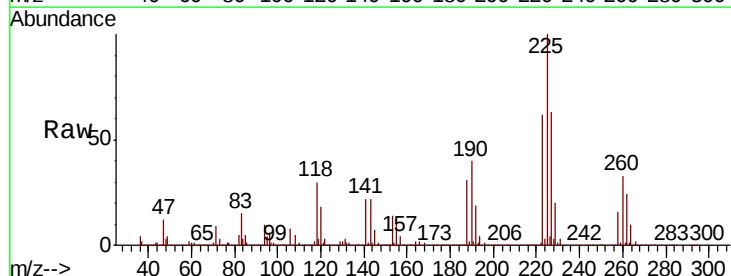
Instrument :
MSVOA_X
ClientSampleId :

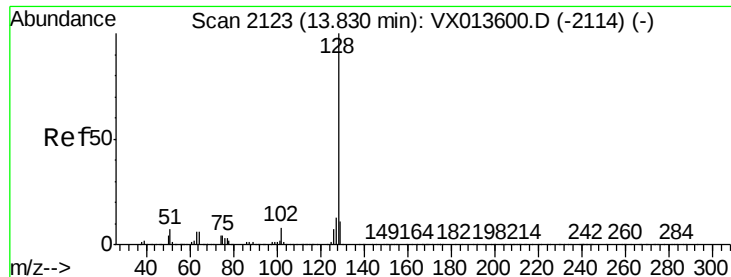
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.2	141.6
145	27.2	13.8	41.4



#94
Hexachlorobutadiene
Concen: 47.748 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.5
227	63.8	32.1	96.3

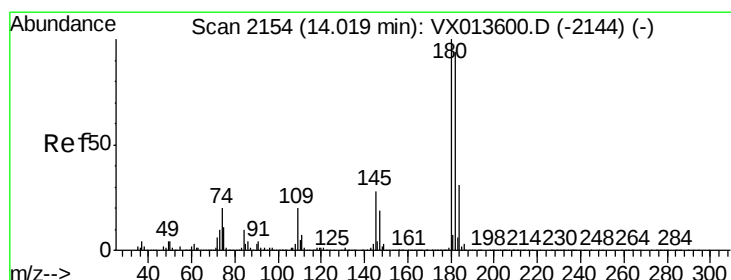
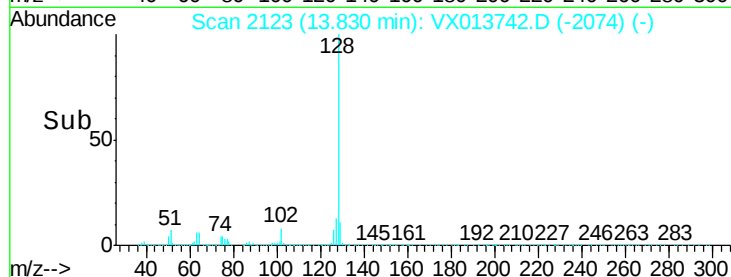
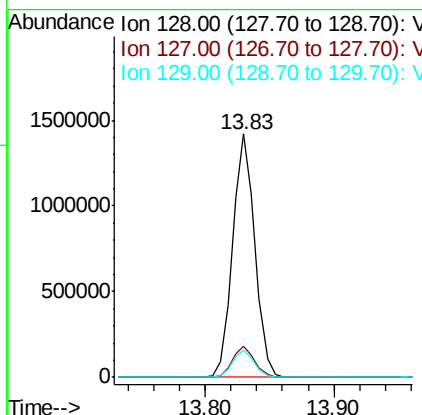
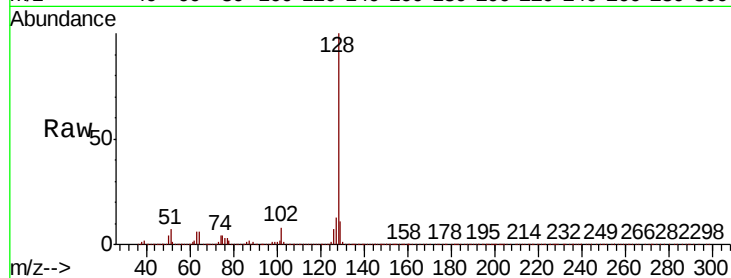




#95
Naphthalene
Concen: 52.178 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1705549
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.057 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX013742.D
Acq: 03 Dec 2019 22:01

Tgt Ion:180 Resp: 543994
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.8
145 29.8 15.0 45.0

