

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013637.D
 Acq On : 27 Nov 2019 06:58
 Operator : JC/SP
 Sample : K5968-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 07:35:31 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	672619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1037202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467196	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	368652	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
35) Dibromofluoromethane	5.49	113	306905	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1173958	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.14	95	421782	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	382129	51.041	ug/l	98
3) Chloromethane	1.31	50	421314	50.153	ug/l	99
4) Vinyl Chloride	1.40	62	484593	51.253	ug/l	98
5) Bromomethane	1.63	94	270287	42.567	ug/l	98
6) Chloroethane	1.71	64	262244	48.741	ug/l	97
7) Trichlorofluoromethane	1.92	101	509920	48.569	ug/l	98
8) Diethyl Ether	2.18	74	237848	50.075	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	304729	47.518	ug/l	98
10) Methyl Iodide	2.50	142	415289	53.535	ug/l	100
11) Tert butyl alcohol	3.03	59	436554	226.527	ug/l	98
12) 1,1-Dichloroethene	2.36	96	314703	49.164	ug/l	98
13) Acrolein	2.28	56	279002	217.281	ug/l	100
14) Allyl chloride	2.72	41	544338	46.859	ug/l	99
15) Acrylonitrile	3.13	53	974493	244.970	ug/l	99
16) Acetone	2.43	43	846617	219.632	ug/l	99
17) Carbon Disulfide	2.56	76	857318	46.982	ug/l	99
18) Methyl Acetate	2.76	43	503925	46.947	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1051040	49.565	ug/l	99
20) Methylene Chloride	2.84	84	359965	48.607	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	341789	49.014	ug/l	99
22) Diisopropyl ether	3.84	45	1118803	50.018	ug/l	99
23) Vinyl Acetate	3.80	43	4244170	228.087	ug/l	100
24) 1,1-Dichloroethane	3.69	63	606696	49.616	ug/l	100
25) 2-Butanone	4.65	43	1380021	240.891	ug/l	100
26) 2,2-Dichloropropane	4.57	77	335383	33.151	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	388049	48.457	ug/l	97
28) Bromochloromethane	5.00	49	249364	51.606	ug/l	99
29) Tetrahydrofuran	5.11	42	897478	254.125	ug/l	99
30) Chloroform	5.20	83	595137	47.992	ug/l	96
31) Cyclohexane	5.57	56	557978	48.380	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	509532	49.169	ug/l	99
36) 1,1-Dichloropropene	5.79	75	448468	47.632	ug/l	98
37) Ethyl Acetate	4.82	43	487678	46.171	ug/l	100
38) Carbon Tetrachloride	5.78	117	431320	49.682	ug/l	99

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 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)
39) Methylcyclohexane	7.45	83	548461	47.127	ug/l	98
40) Benzene	6.13	78	1400618	48.844	ug/l	99
41) Methacrylonitrile	5.03	41	294632	50.863	ug/l	99
42) 1,2-Dichloroethane	6.19	62	477601	48.837	ug/l	100
43) Isopropyl Acetate	6.44	43	820928	47.209	ug/l	100
44) Trichloroethene	7.21	130	376359	47.822	ug/l	95
45) 1,2-Dichloropropane	7.51	63	361524	50.390	ug/l	97
46) Dibromomethane	7.65	93	235763	48.384	ug/l	100
47) Bromodichloromethane	7.89	83	459091	49.837	ug/l	100
48) Methyl methacrylate	7.76	41	426827	50.518	ug/l	98
49) 1,4-Dioxane	7.73	88	188427	996.337	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2731686	249.740	ug/l	100
52) Toluene	8.78	92	879182	49.352	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	490952	46.823	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	544395	47.523	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	359565	50.087	ug/l	98
56) Ethyl methacrylate	9.17	69	573337	49.675	ug/l	99
57) 1,3-Dichloropropane	9.37	76	600967	48.567	ug/l	100
59) 2-Hexanone	9.48	43	2104870	246.734	ug/l	99
60) Dibromochloromethane	9.57	129	372712	50.027	ug/l	100
61) 1,2-Dibromoethane	9.67	107	374860	48.891	ug/l	100
64) Tetrachloroethene	9.33	164	329821	46.722	ug/l	98
65) Chlorobenzene	10.14	112	939108	47.783	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	348416	49.369	ug/l	99
67) Ethyl Benzene	10.25	91	1657772	49.086	ug/l	98
68) m/p-Xylenes	10.36	106	1265843	97.899	ug/l	100
69) o-Xylene	10.70	106	619508	49.126	ug/l	100
70) Styrene	10.71	104	1045718	49.296	ug/l	99
71) Bromoform	10.85	173	293989	50.345	ug/l #	99
73) Isopropylbenzene	11.01	105	1622891	49.521	ug/l	100
74) N-amyl acetate	10.89	43	699715	46.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	567950	49.973	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	620737	59.072	ug/l	88
77) Bromobenzene	11.25	156	425495	48.060	ug/l	99
78) n-propylbenzene	11.35	91	1820962	49.775	ug/l	100
79) 2-Chlorotoluene	11.42	91	1074608	48.967	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1352584	50.358	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	165993	43.217	ug/l	99
82) 4-Chlorotoluene	11.51	91	1231546	48.452	ug/l	100
83) tert-Butylbenzene	11.76	119	1369907	50.185	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1351802	49.589	ug/l	100
85) sec-Butylbenzene	11.94	105	1531761	49.127	ug/l	100
86) p-Isopropyltoluene	12.06	119	1410722	48.635	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	727183	47.119	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	728505	46.344	ug/l	99
89) n-Butylbenzene	12.39	91	1183219	47.827	ug/l	99
90) Hexachloroethane	12.59	117	251967	48.059	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	733881	48.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119670	48.353	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	492915	46.383	ug/l	99

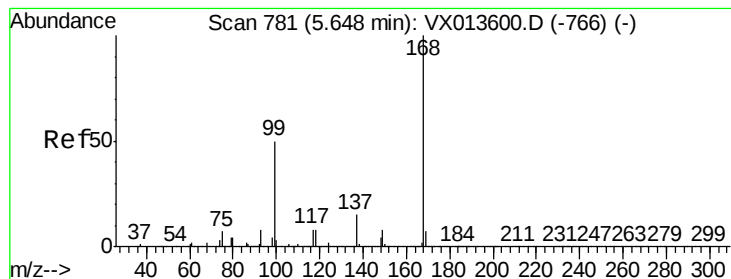
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	221485	43.386	ug/l	98
95) Naphthalene	13.83	128	1549332	48.955	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	499174	47.441	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

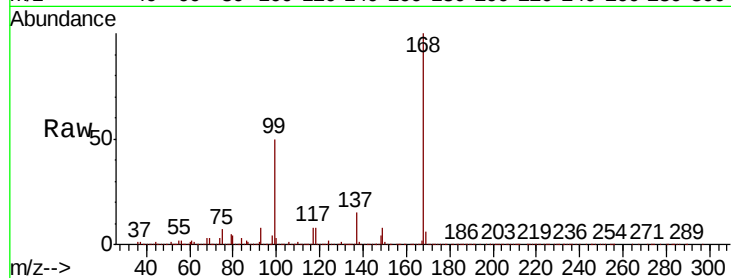
ClientSampled :

Tot Ion:168 Resp: 672619

Ion Ratio Lower Upper

168 100

99 49.5 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

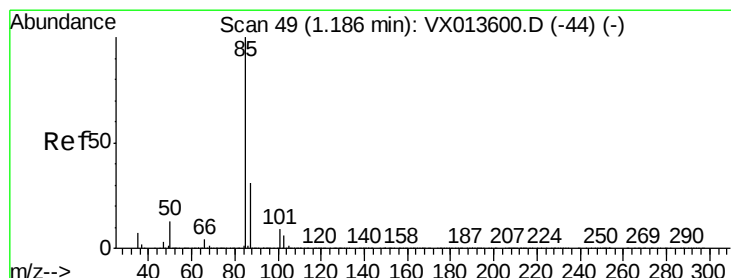
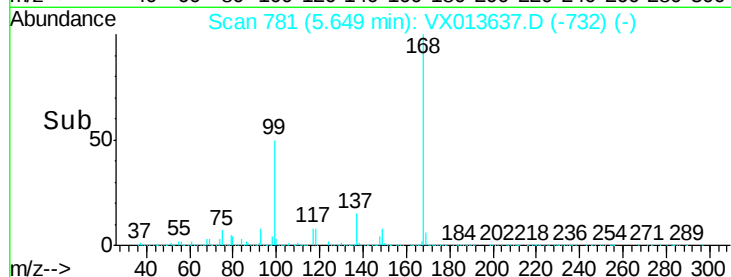
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.041 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013637.D

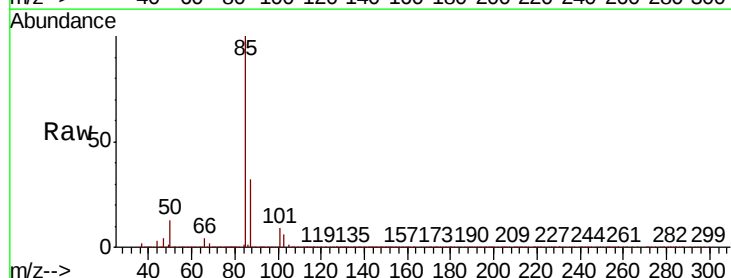
Acq: 27 Nov 2019 06:58

Tgt Ion: 85 Resp: 382129

Ion Ratio Lower Upper

85 100

87 32.3 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

400000

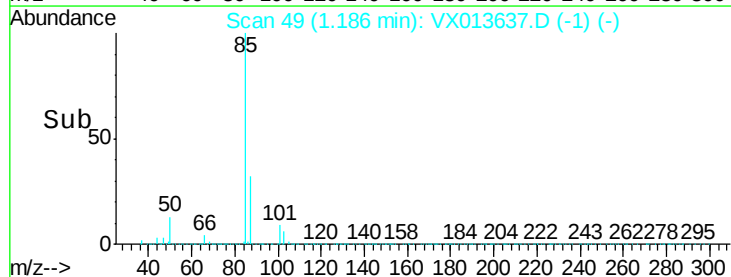
300000

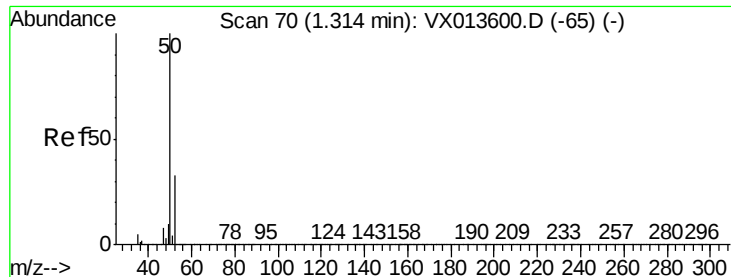
200000

100000

0

Time-->





#3

Chloromethane

Concen: 50.153 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

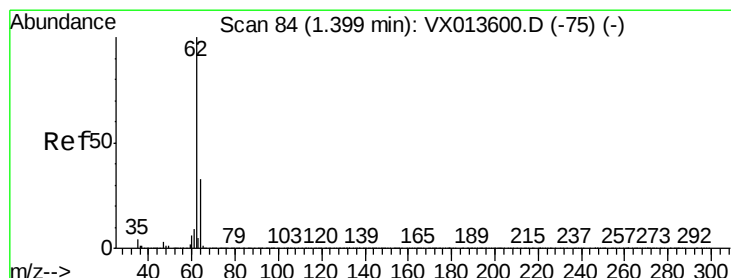
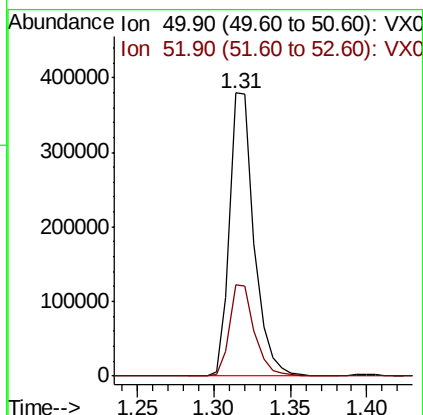
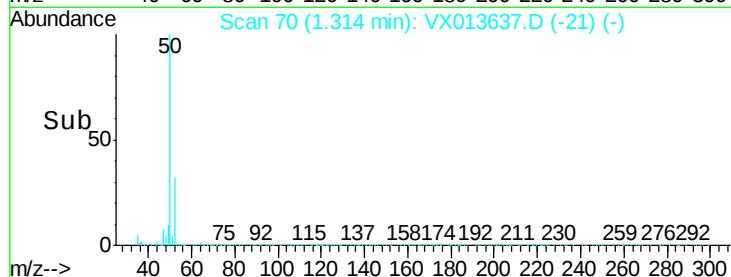
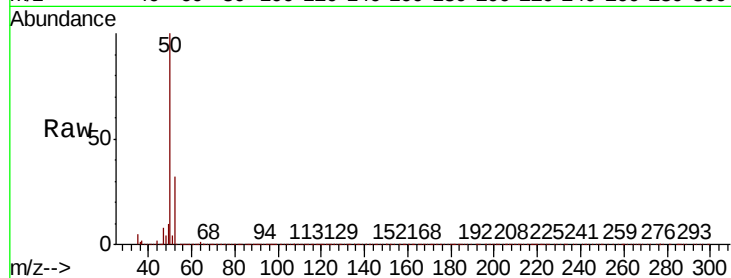
ClientSampleId :

Tot Ion: 50 Resp: 421314

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 51.253 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013637.D

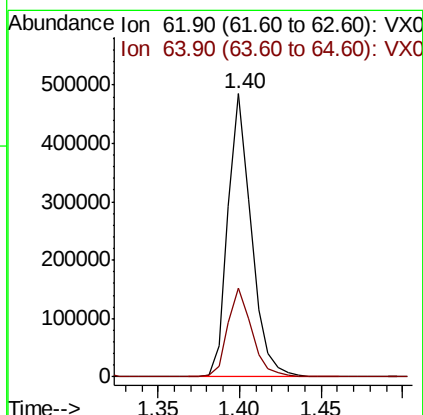
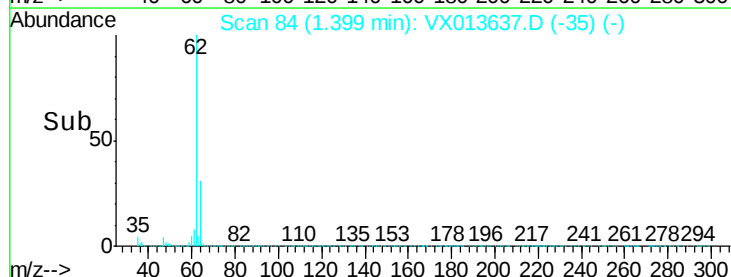
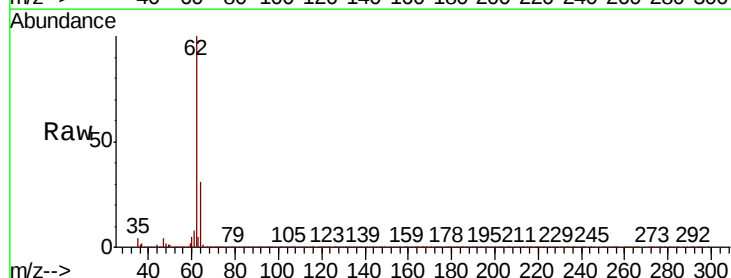
Acq: 27 Nov 2019 06:58

Tgt Ion: 62 Resp: 484593

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 42.567 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

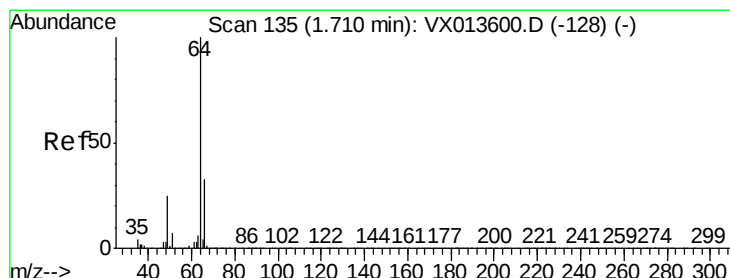
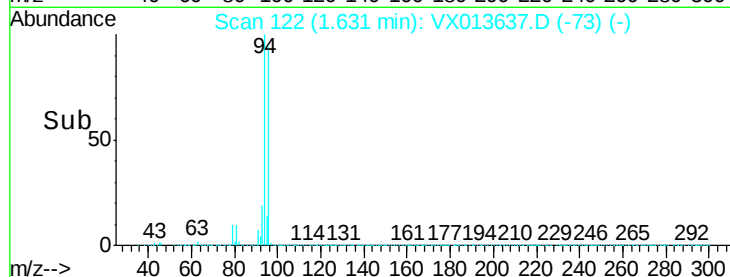
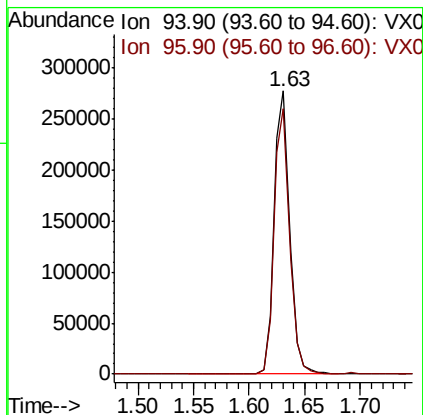
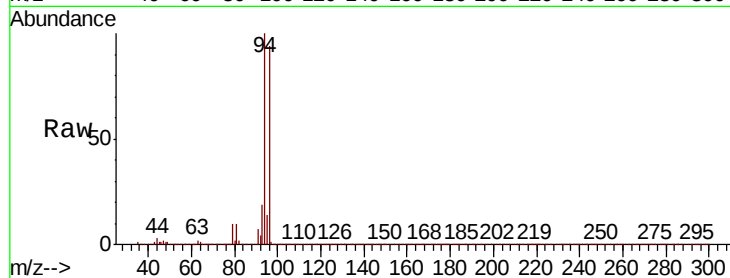
ClientSampleId :

Tot Ion: 94 Resp: 270287

Ion Ratio Lower Upper

94 100

96 93.8 77.0 115.4



#6

Chloroethane

Concen: 48.741 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013637.D

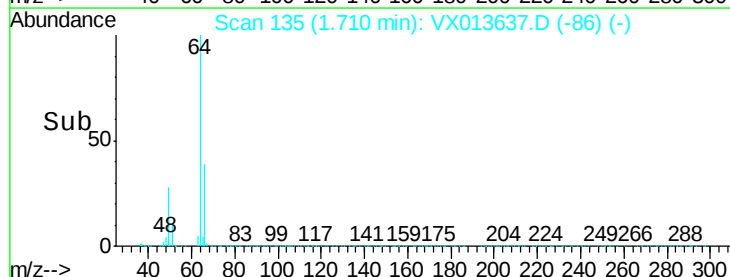
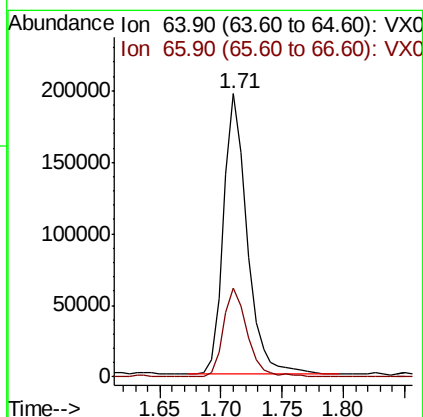
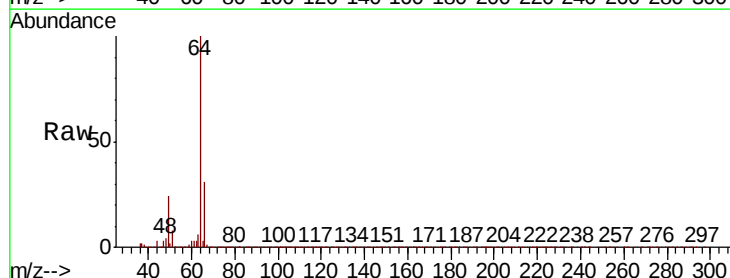
Acq: 27 Nov 2019 06:58

Tgt Ion: 64 Resp: 262244

Ion Ratio Lower Upper

64 100

66 31.5 26.7 40.1



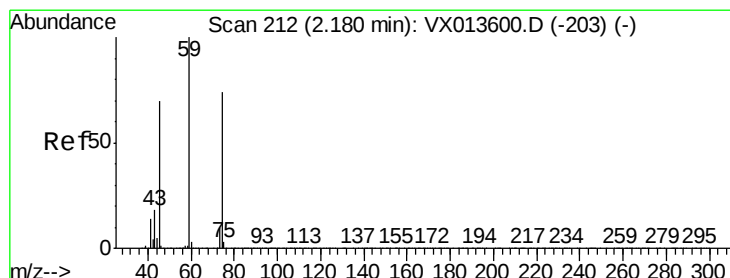
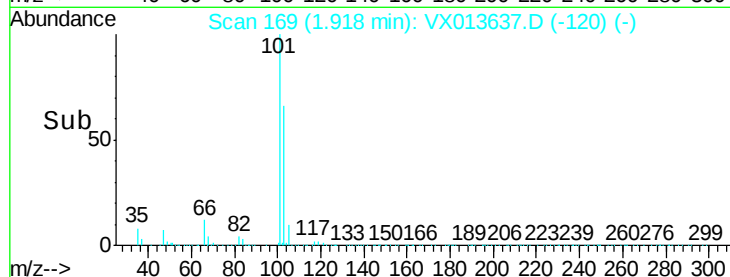
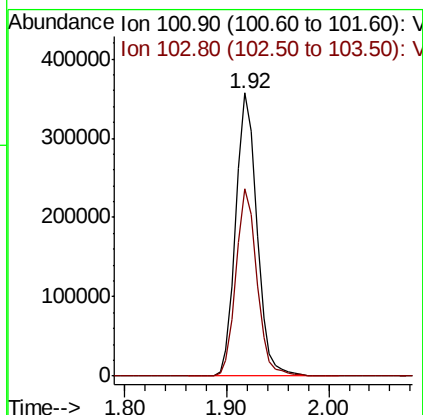
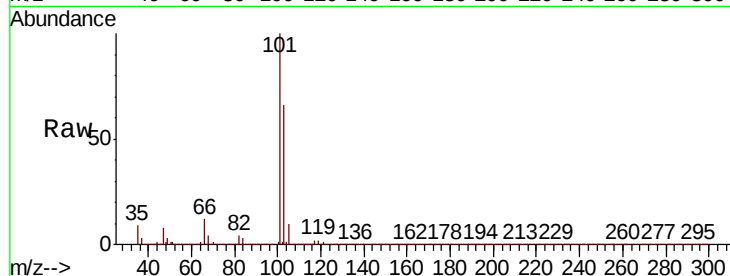


#7

Trichlorofluoromethane
Concen: 48.569 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

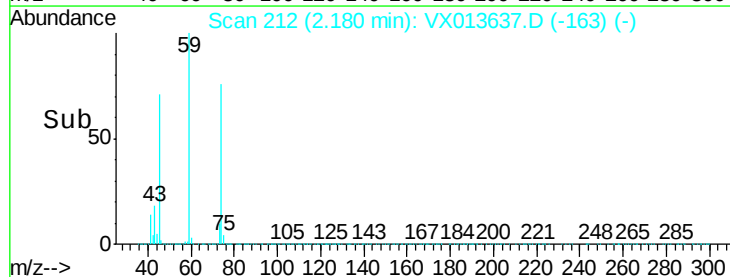
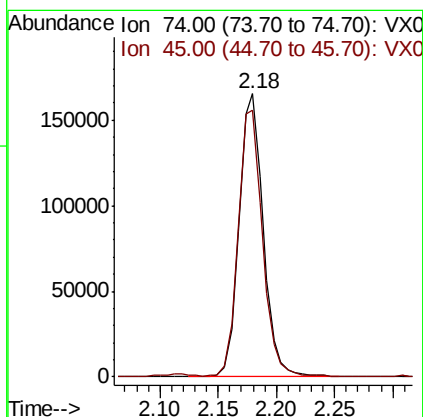
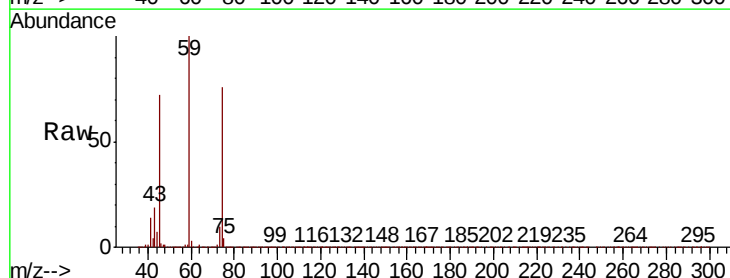
Tot Ion:101 Resp: 509920
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.6

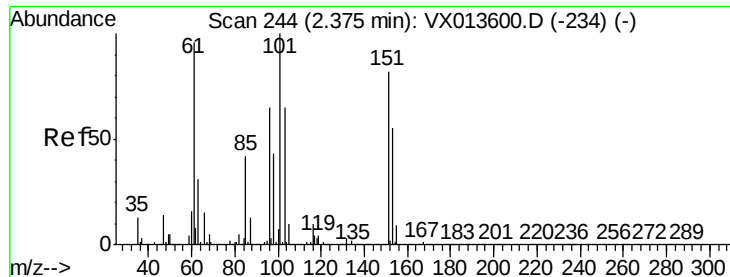


#8

Diethyl Ether
Concen: 50.075 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 74 Resp: 237848
Ion Ratio Lower Upper
74 100
45 95.7 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.518 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

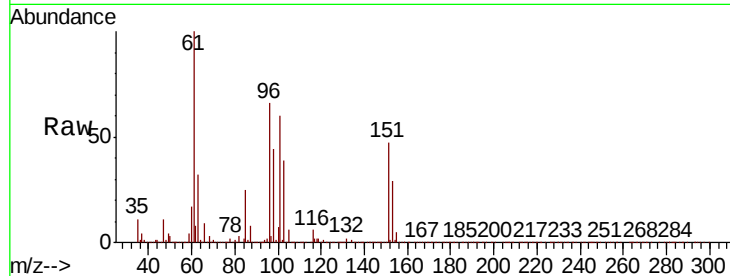
Tot Ion:101 Resp: 304729

Ion Ratio Lower Upper

101 100

85 41.7 33.9 50.9

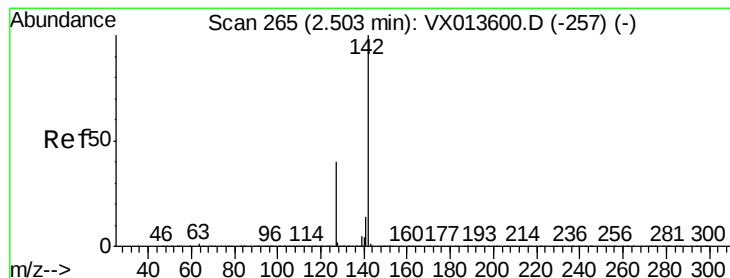
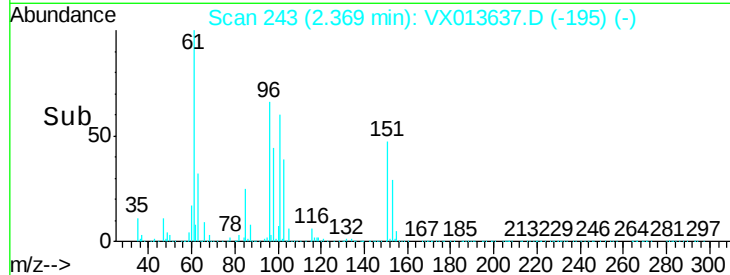
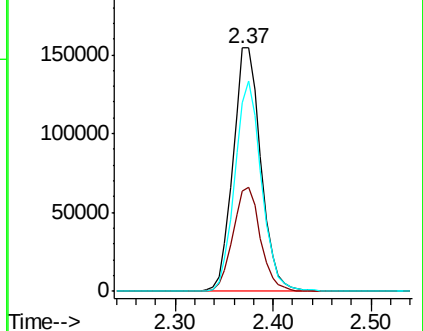
151 82.7 64.2 96.2



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: 53.535 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

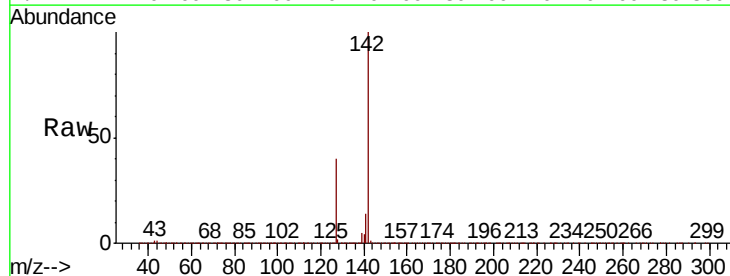
Tgt Ion:142 Resp: 415289

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

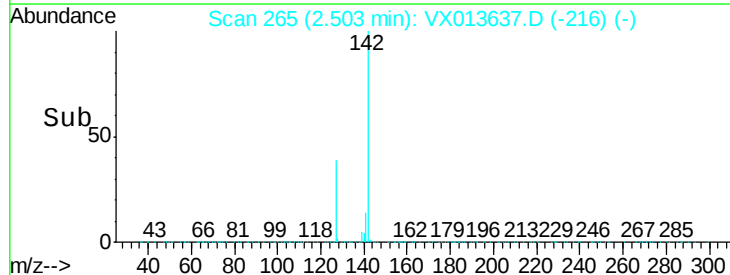
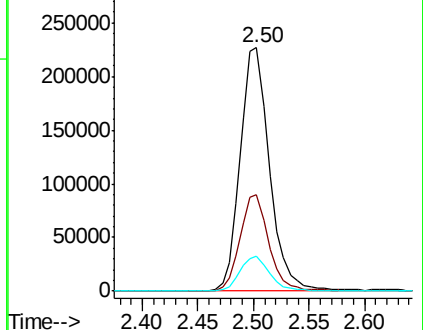
141 14.6 11.6 17.4

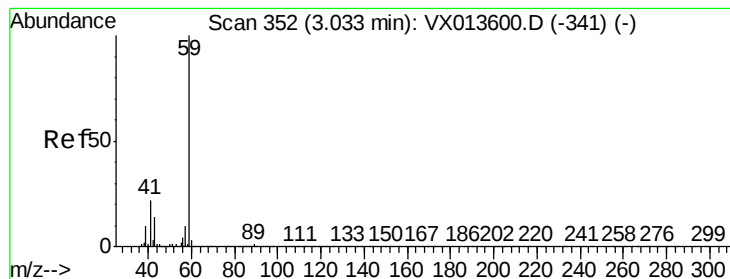


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



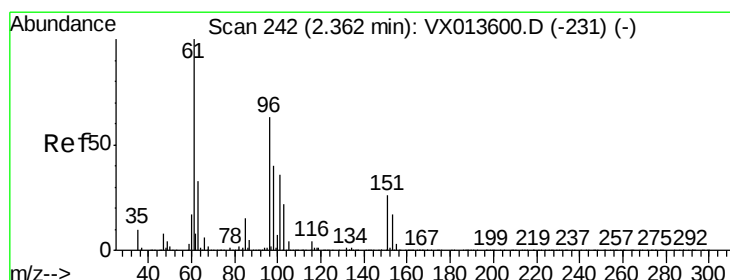
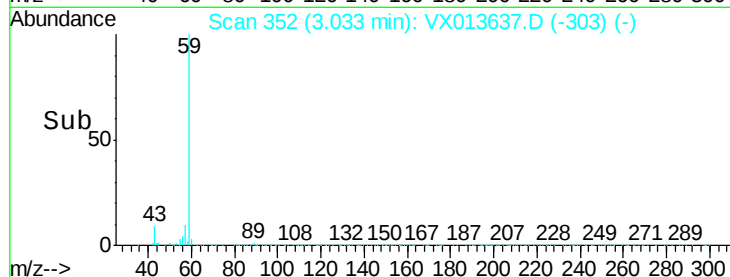
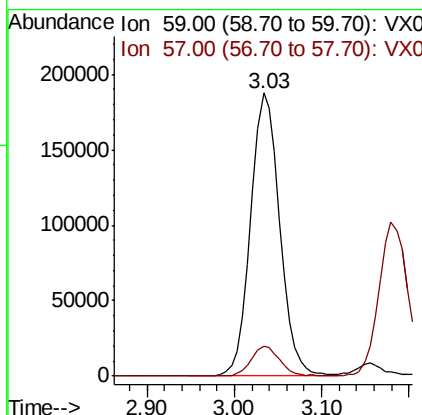
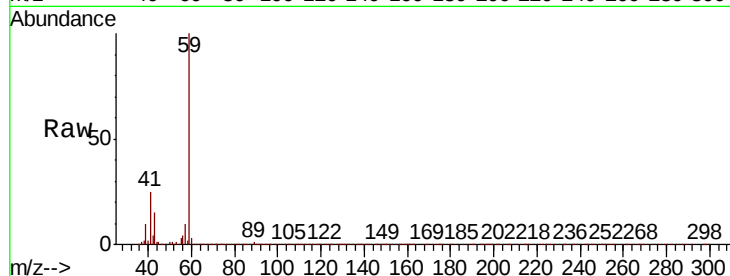


#11

Tert butyl alcohol
Concen: 226.527 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

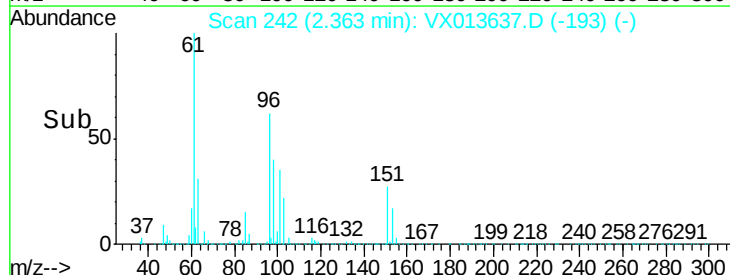
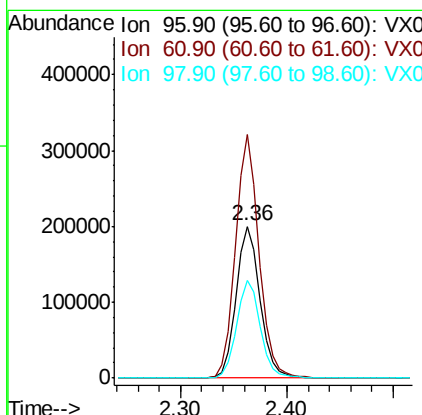
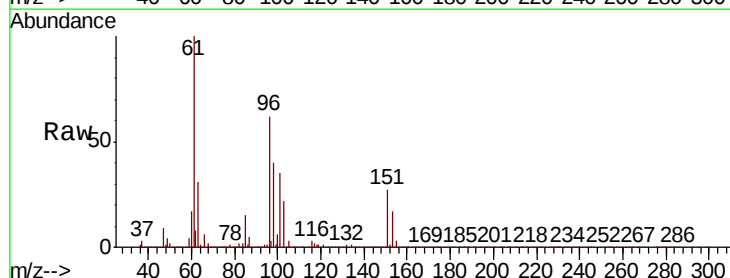
Tot Ion: 59 Resp: 436554
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.6

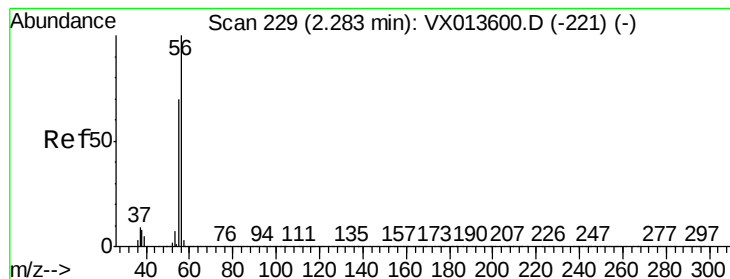


#12

1,1-Dichloroethene
Concen: 49.164 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 96 Resp: 314703
Ion Ratio Lower Upper
96 100
61 160.8 126.6 190.0
98 64.3 50.6 76.0





#13

Acrolein

Concen: 217.281 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

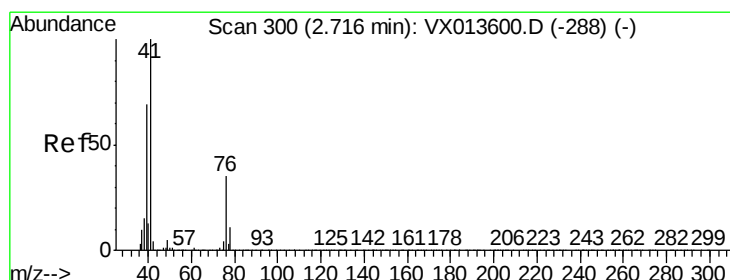
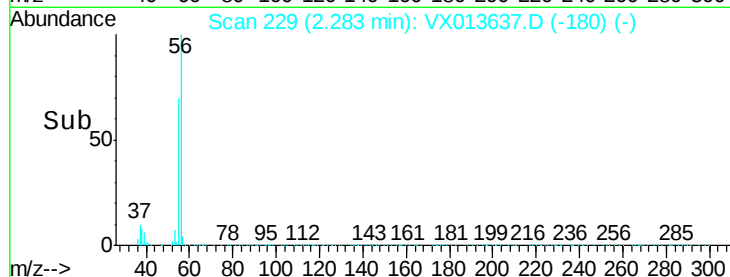
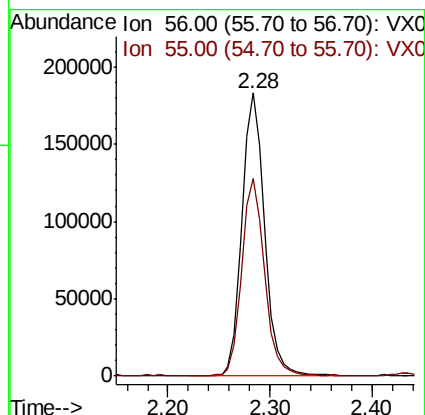
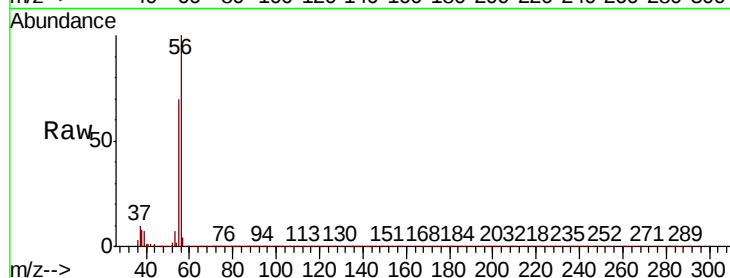
ClientSampleId :

Tot Ion: 56 Resp: 279002

Ion Ratio Lower Upper

56 100

55 70.1 56.2 84.4



#14

Allyl chloride

Concen: 46.859 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

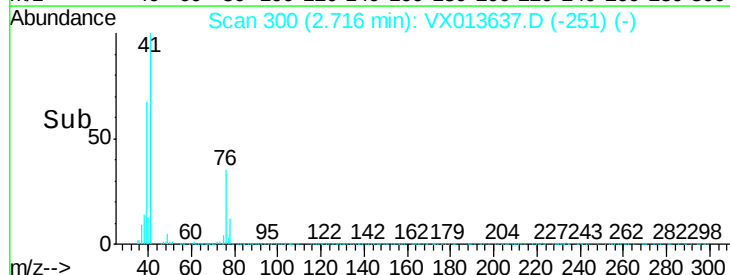
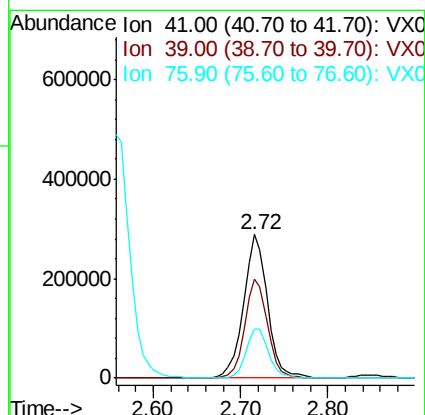
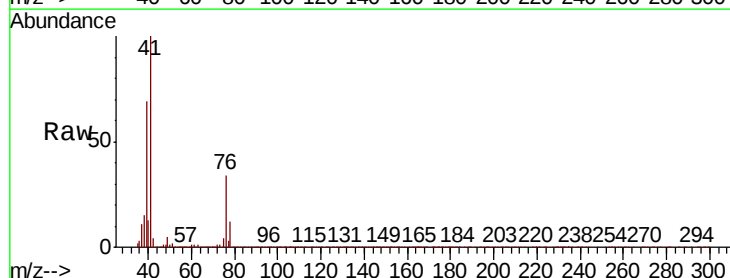
Tgt Ion: 41 Resp: 544338

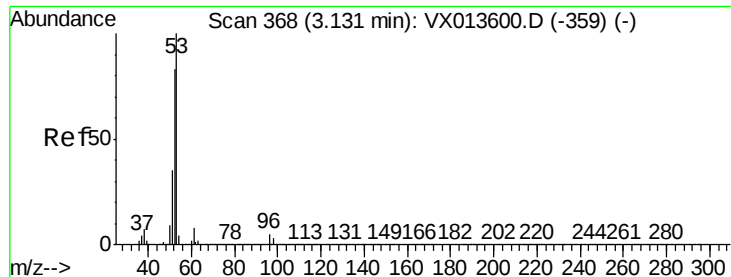
Ion Ratio Lower Upper

41 100

39 65.3 51.7 77.5

76 32.2 25.9 38.9





#15

Acrylonitrile

Concen: 244.970 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

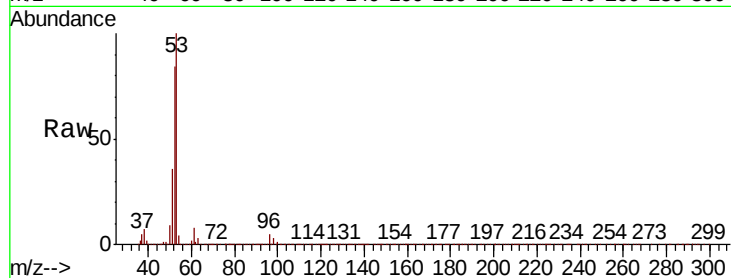
Tot Ion: 53 Resp: 974493

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

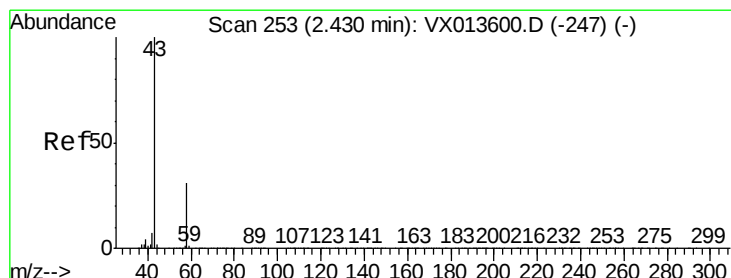
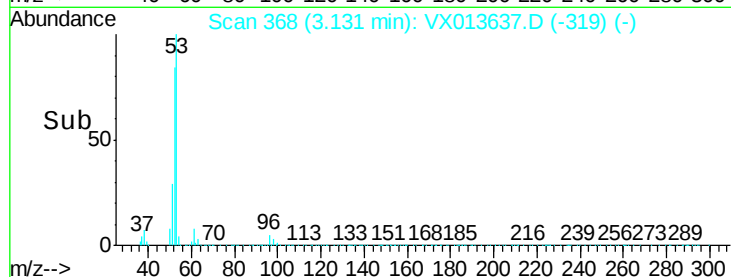
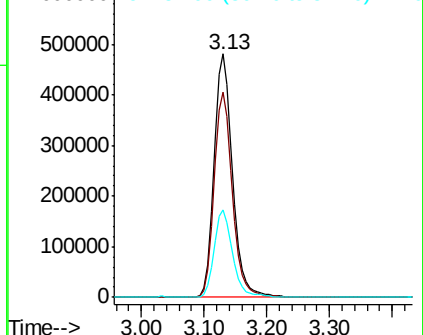
51 35.9 29.0 43.6



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: 219.632 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013637.D

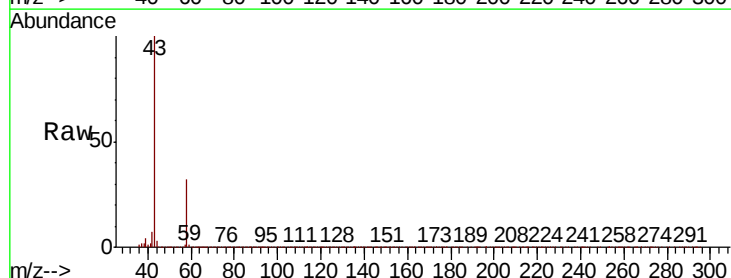
Acq: 27 Nov 2019 06:58

Tgt Ion: 43 Resp: 846617

Ion Ratio Lower Upper

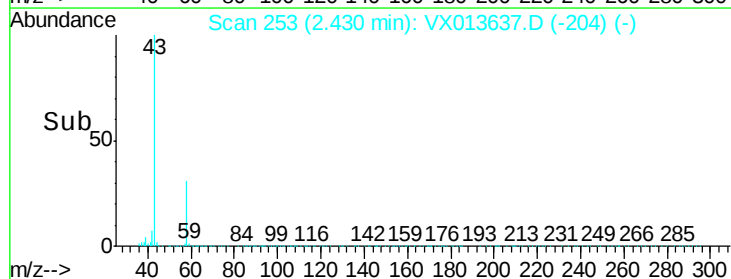
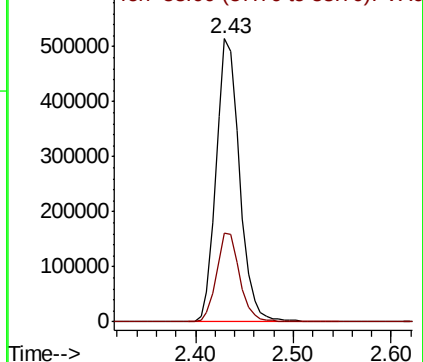
43 100

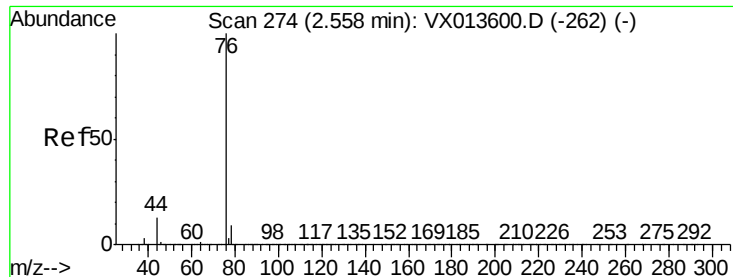
58 31.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

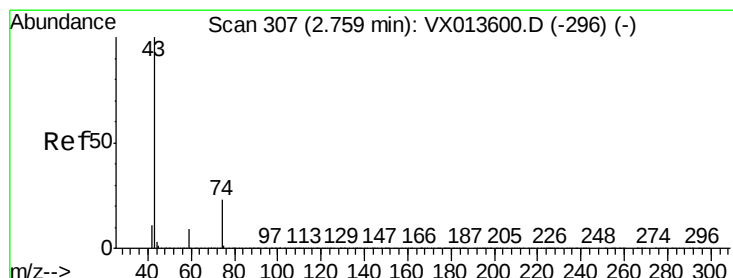
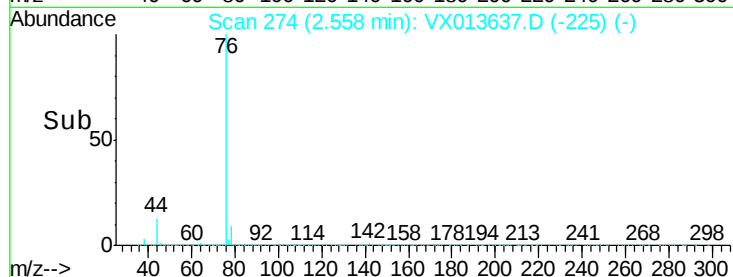
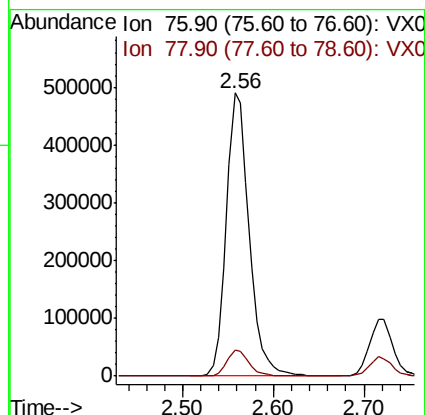
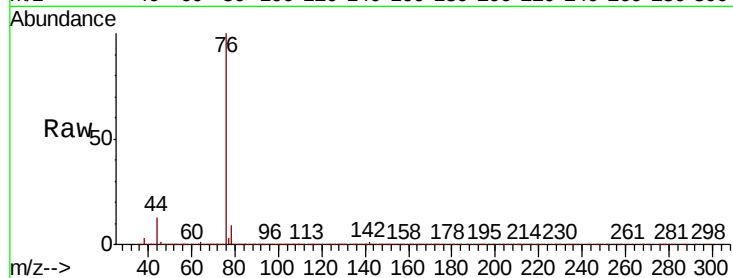




#17
Carbon Disulfide
Concen: 46.982 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

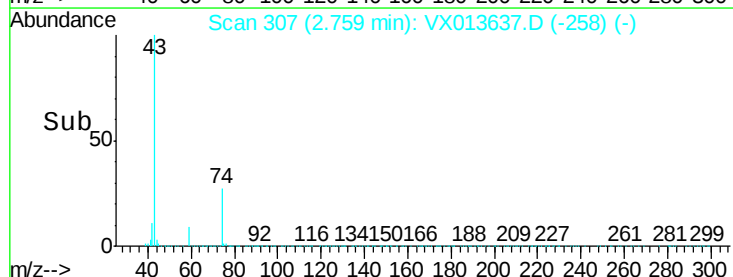
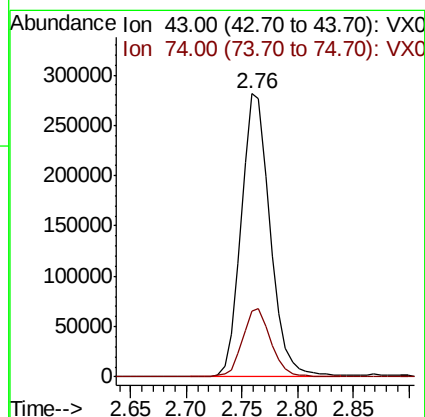
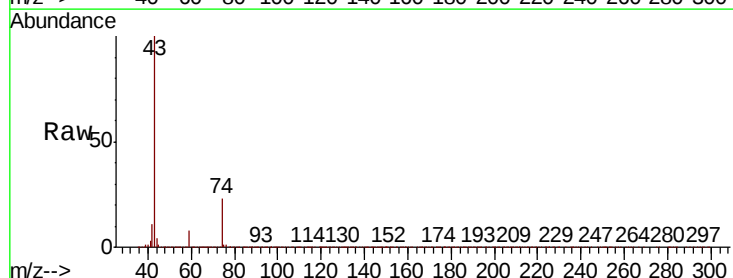
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 857318
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 46.947 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 43 Resp: 503925
Ion Ratio Lower Upper
43 100
74 24.3 19.5 29.3

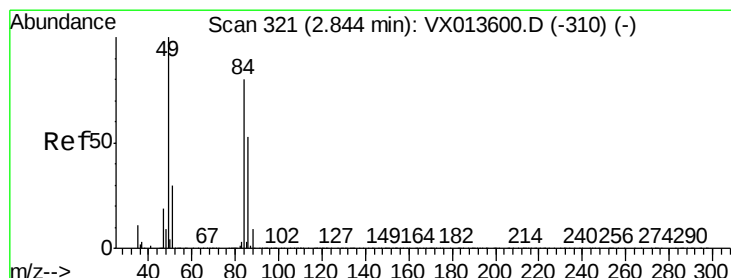
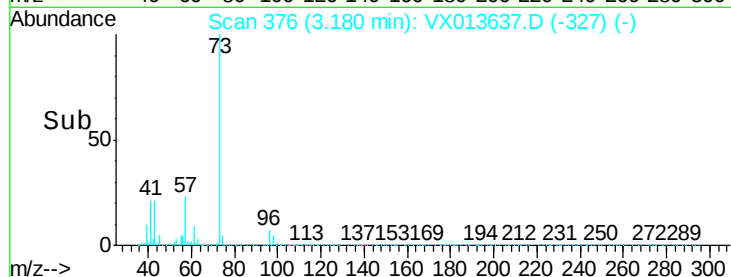
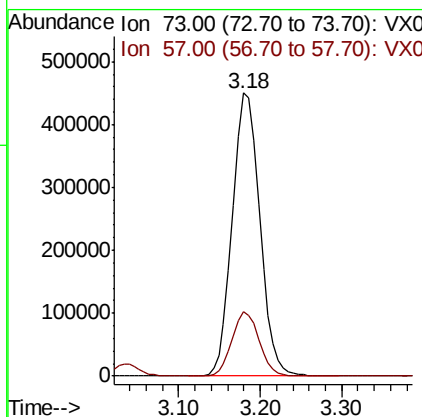
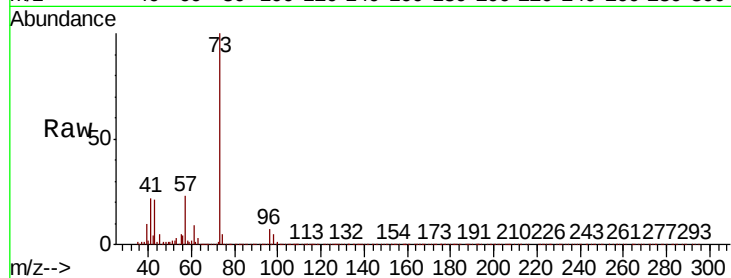




#19
Methvl tert-butvl Ether
Concen: 49.565 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

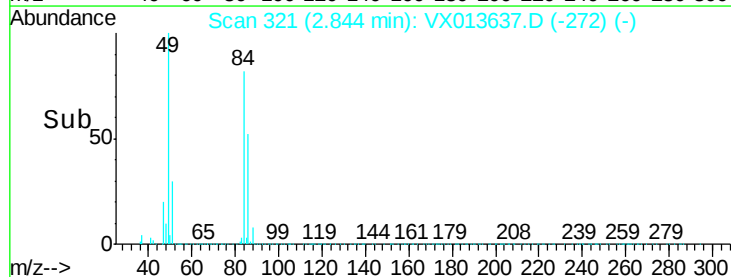
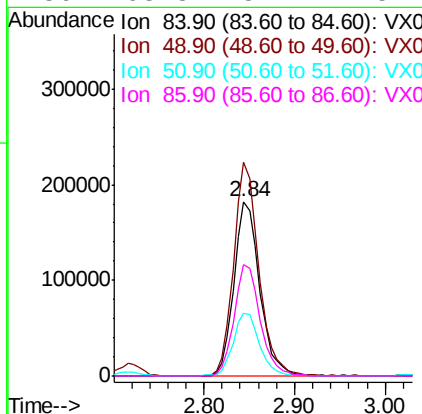
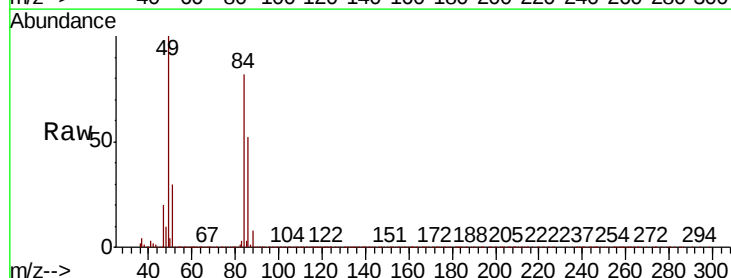
Instrument :
MSVOA_X
ClientSampleId :

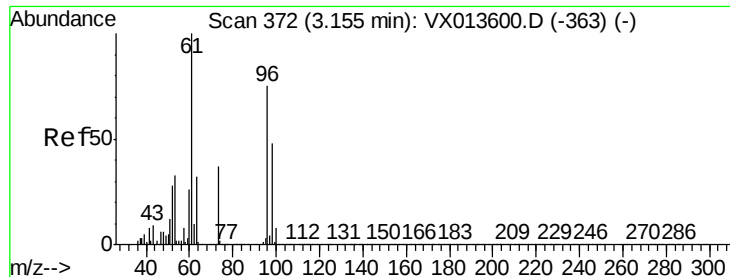
Tot Ion: 73 Resp: 1051040
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 48.607 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 84 Resp: 359965
Ion Ratio Lower Upper
84 100
49 122.6 99.7 149.5
51 36.2 29.9 44.9
86 63.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.014 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

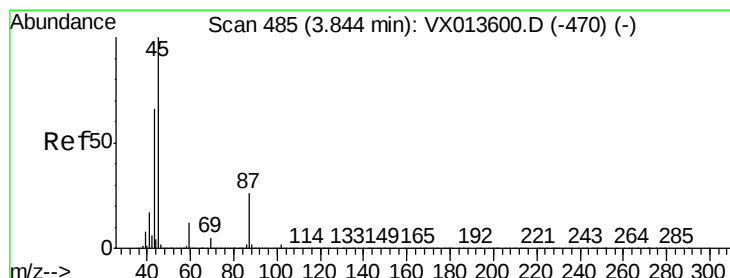
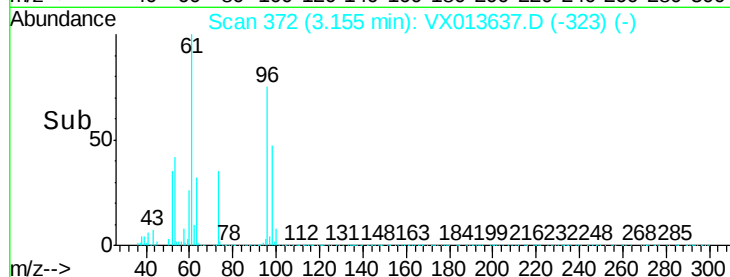
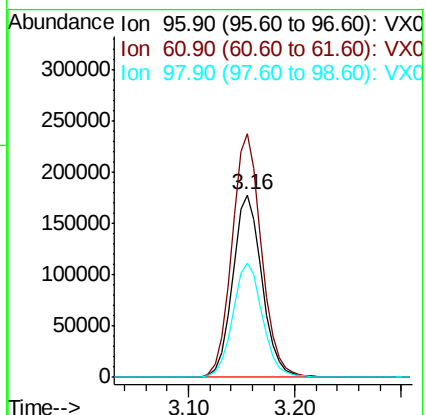
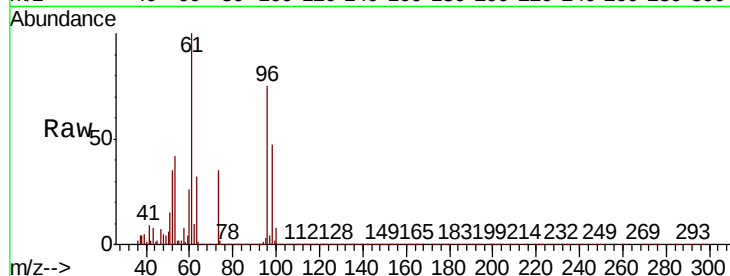
Tot Ion: 96 Resp: 341789

Ion Ratio Lower Upper

96 100

61 133.3 107.2 160.8

98 62.4 51.4 77.0



#22

Diisopropyl ether

Concen: 50.018 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion: 45 Resp: 1118803

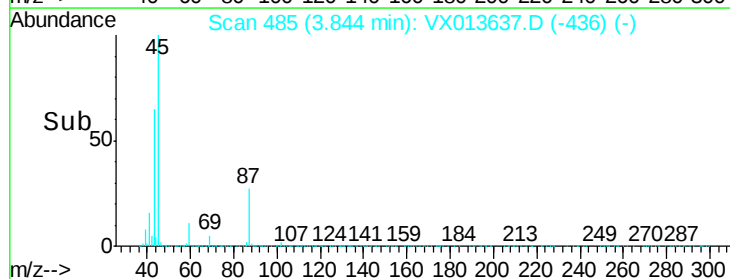
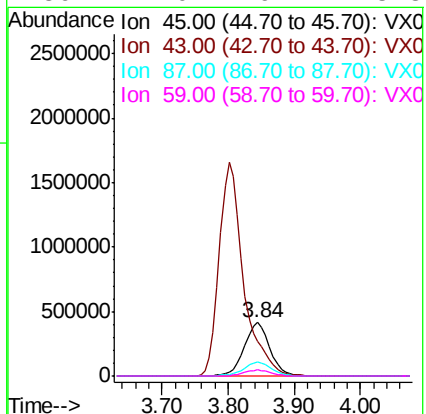
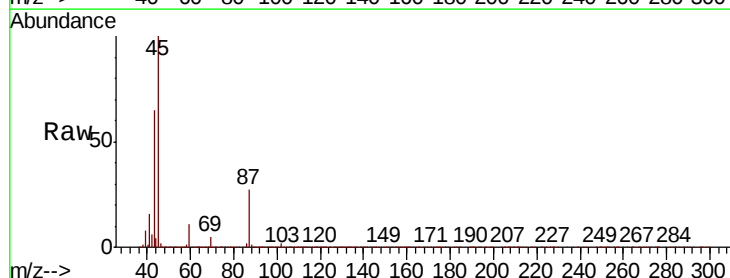
Ion Ratio Lower Upper

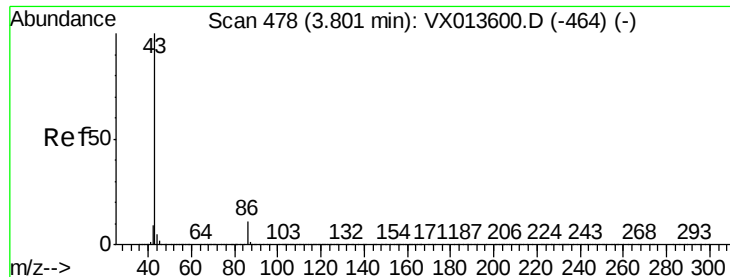
45 100

43 64.8 52.6 79.0

87 27.1 21.1 31.7

59 11.0 9.2 13.8

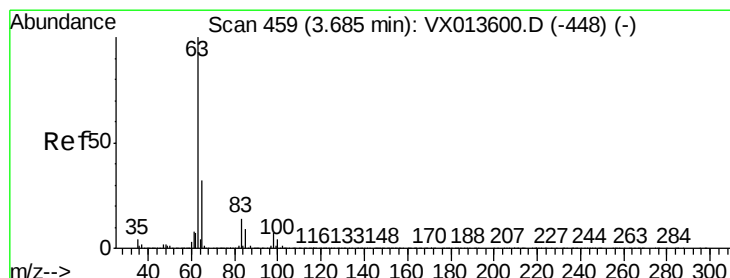
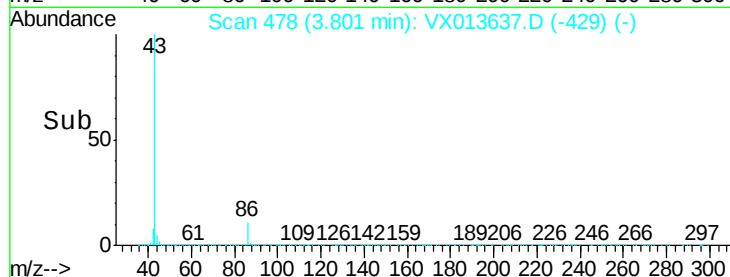
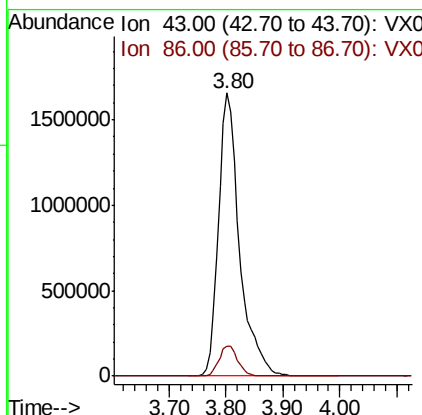
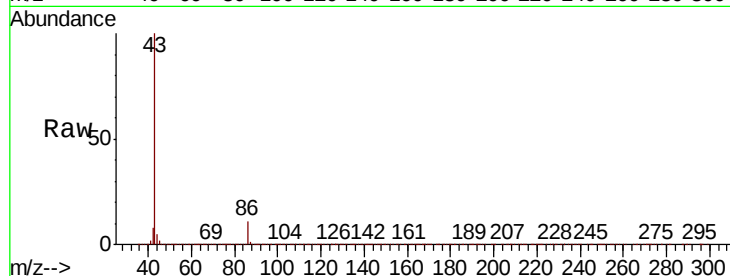




#23
 Vinyl Acetate
 Concen: 228.087 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

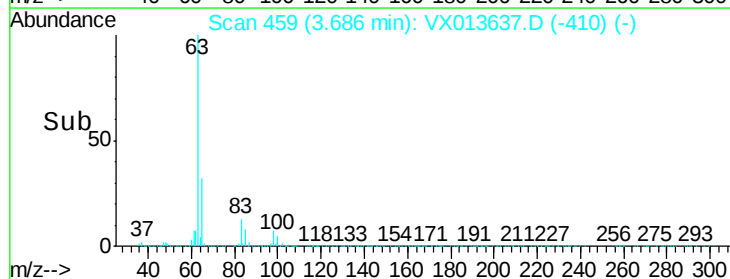
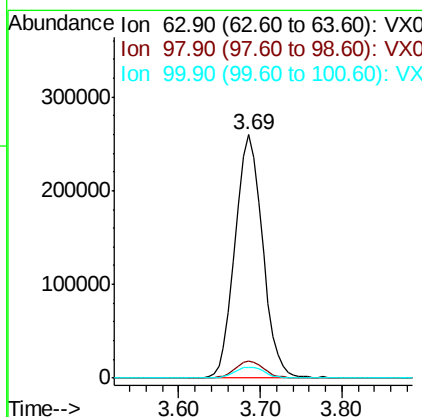
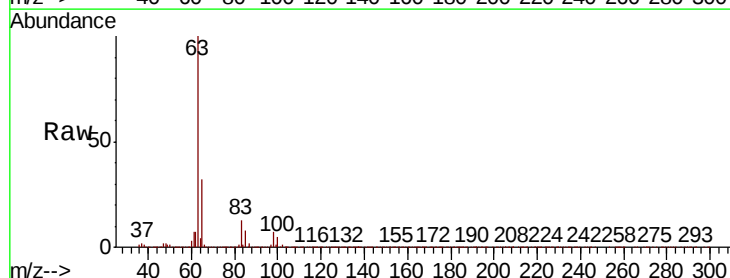
Instrument :
 MSVOA_X
 ClientSampleId :

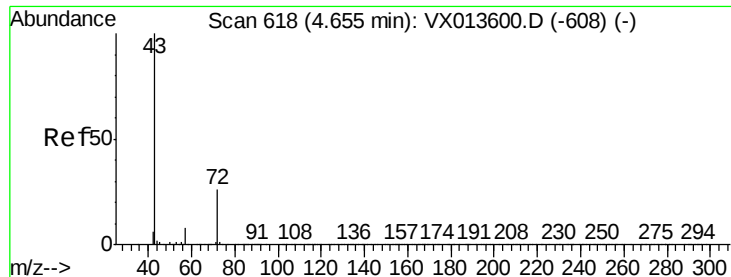
Tot Ion: 43 Resp: 4244170
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 49.616 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion: 63 Resp: 606696
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 240.891 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

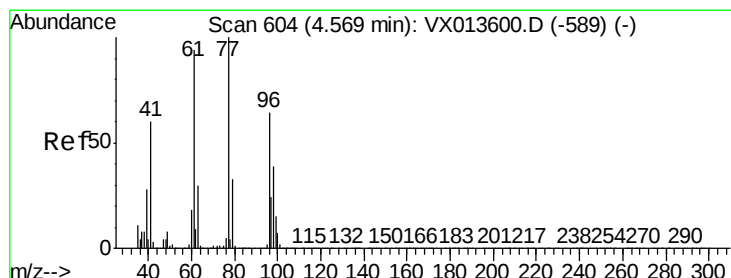
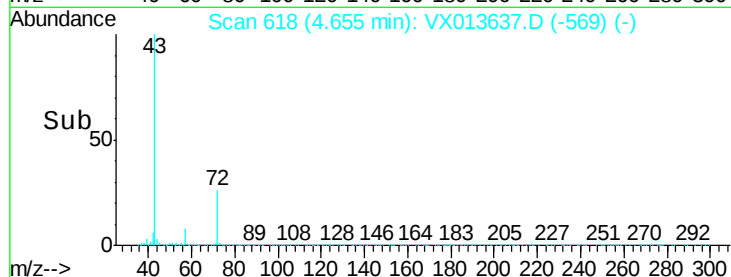
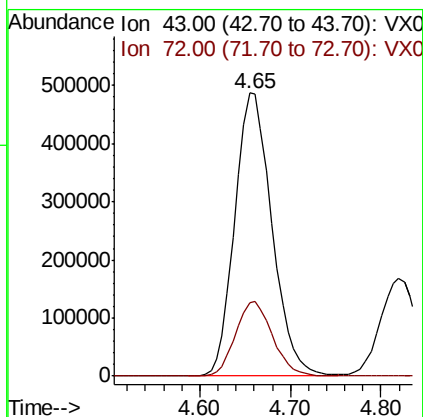
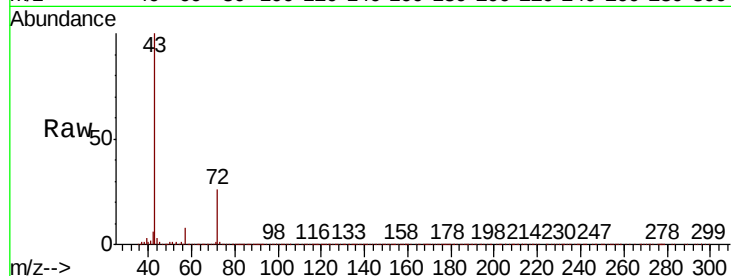
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1380021

Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0



#26

2,2-Dichloropropane

Concen: 33.151 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013637.D

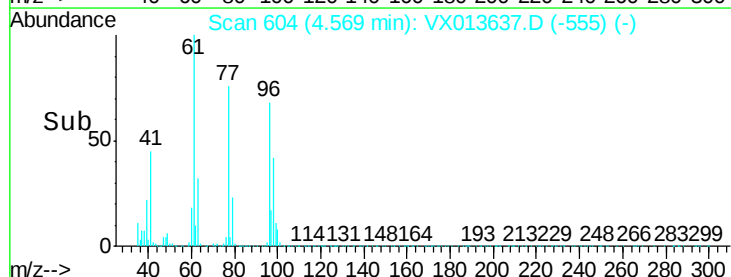
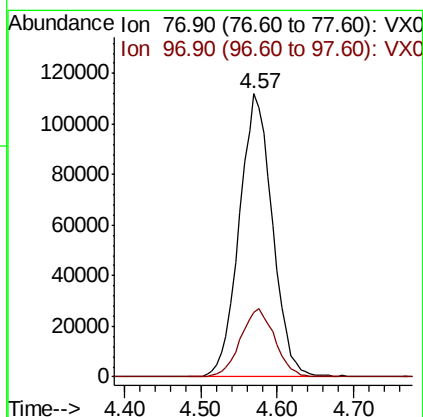
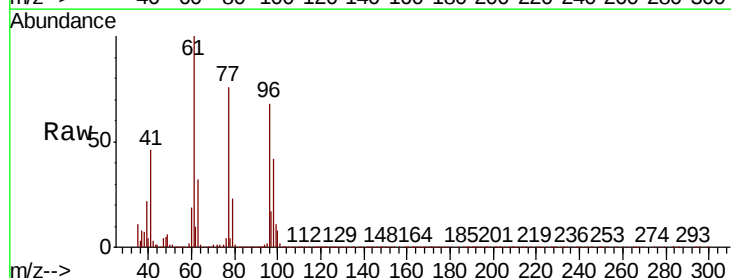
Acq: 27 Nov 2019 06:58

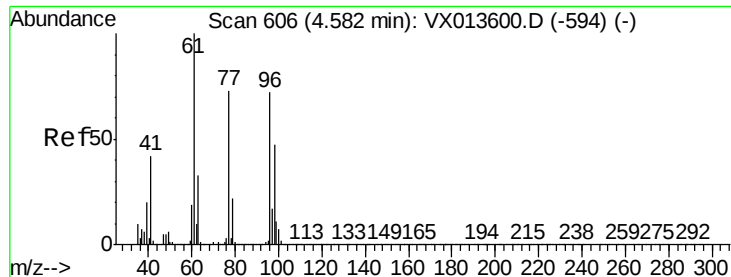
Tgt Ion: 77 Resp: 335383

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1



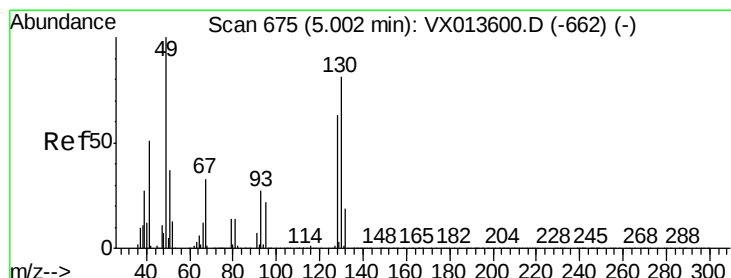
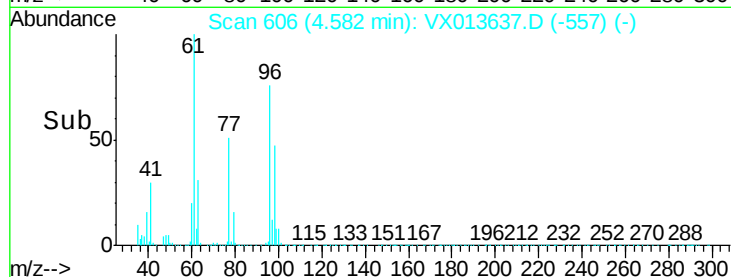
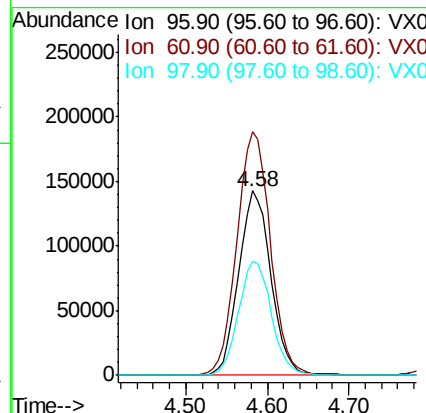
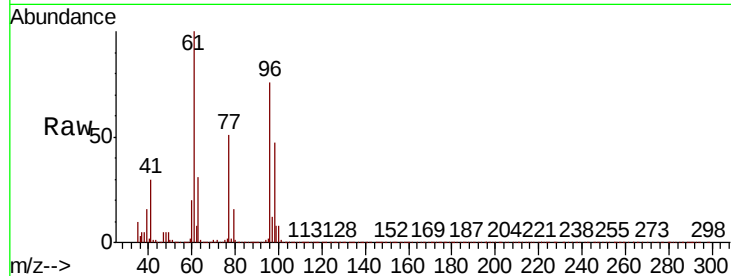


#27

cis-1,2-Dichloroethene
Concen: 48.457 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

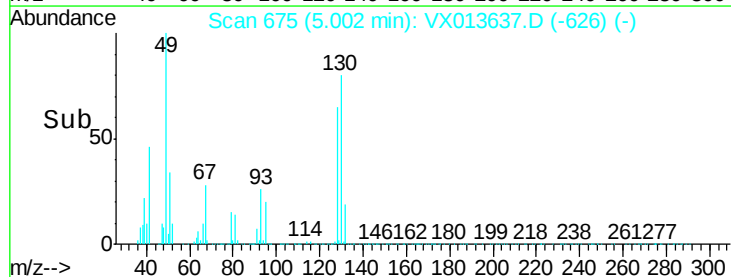
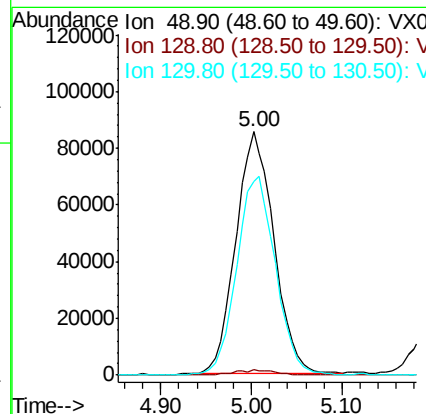
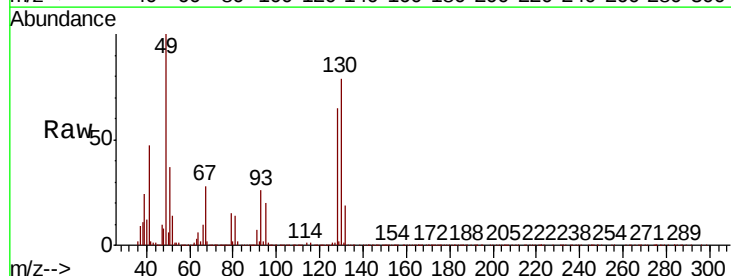
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	286.4
98	63.2	0.0	127.4

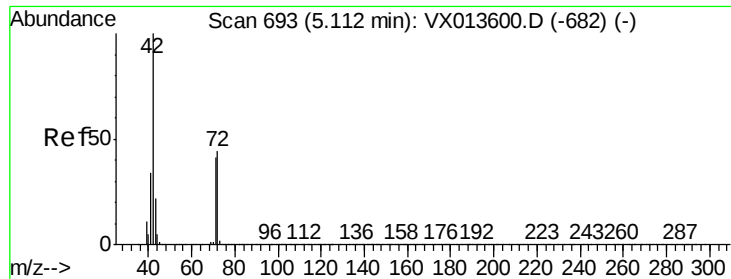


#28

Bromochloromethane
Concen: 51.606 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	82.9	65.4	98.0

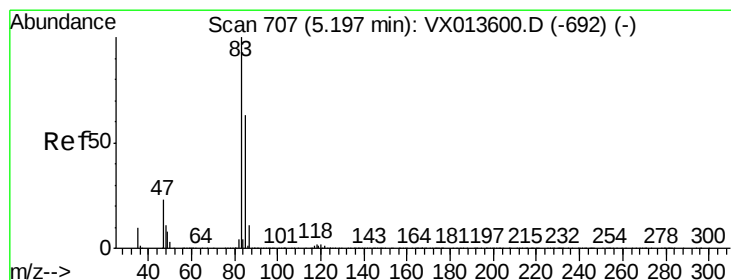
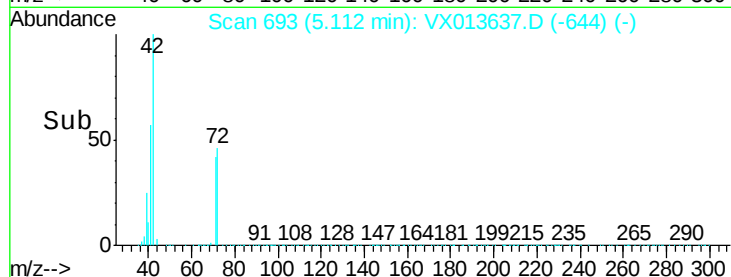
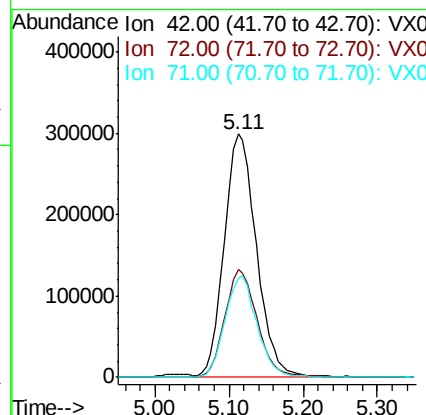
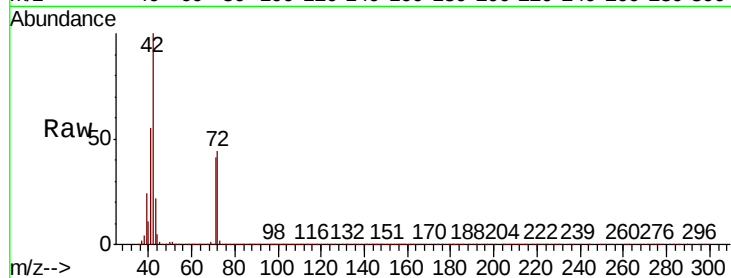




#29
Tetrahydrofuran
Concen: 254.125 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

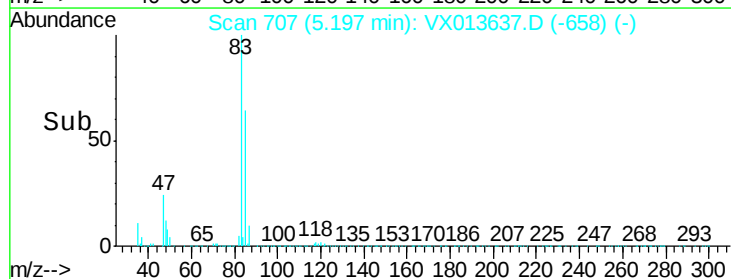
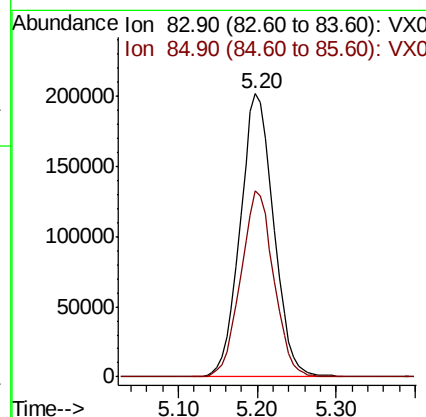
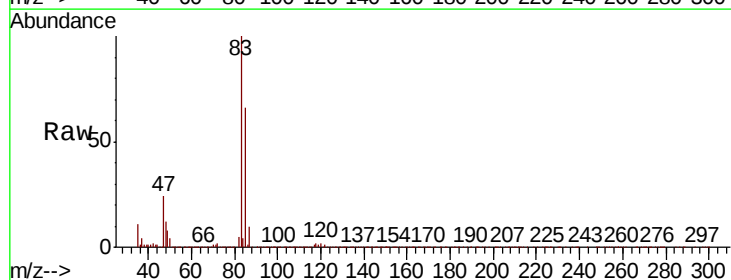
Instrument :
MSVOA_X
ClientSampleId :

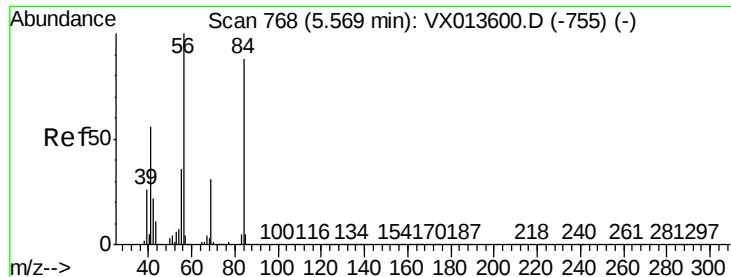
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.3	54.5
71	41.6	33.2	49.8



#30
Chloroform
Concen: 47.992 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.2	75.4

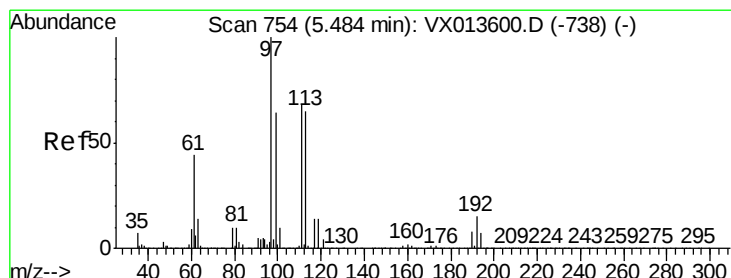
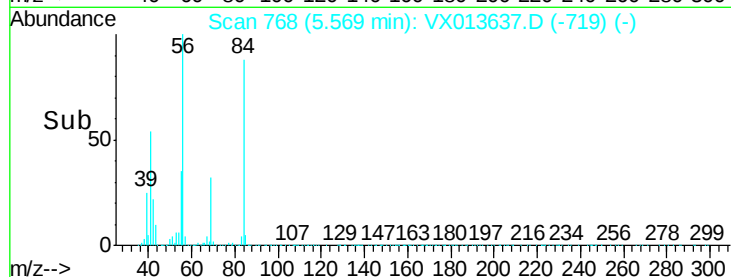
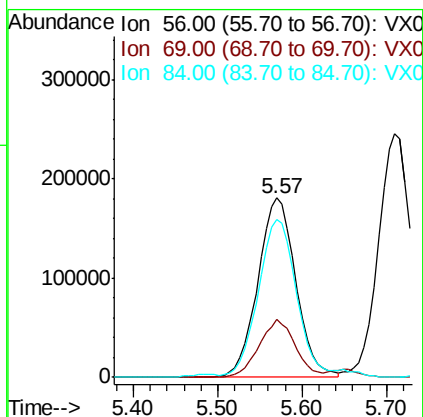
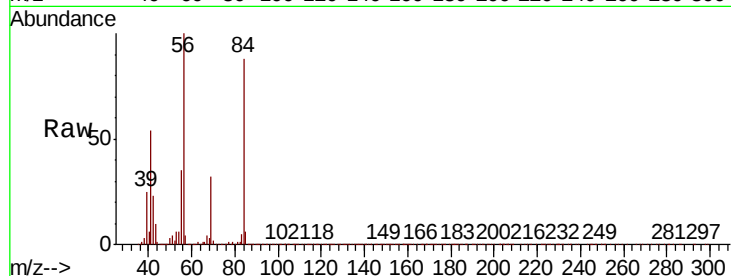




#31
Cyclohexane
Concen: 48.380 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

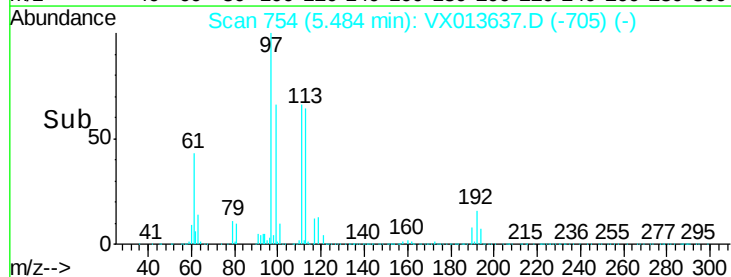
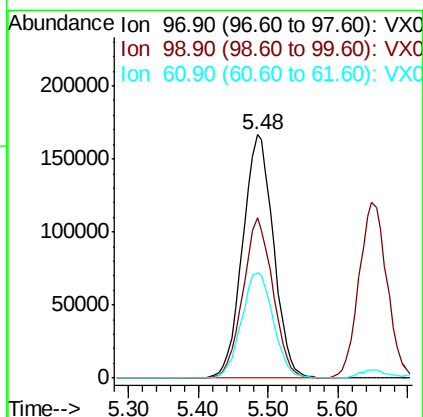
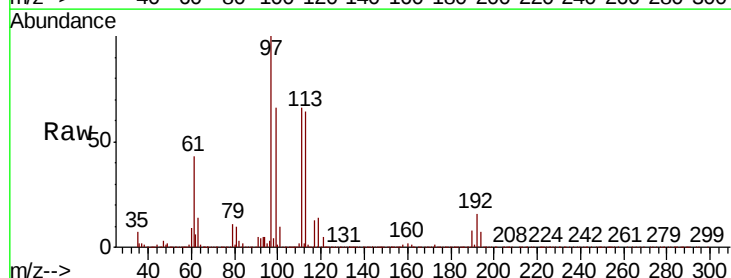
Instrument :
MSVOA_X
ClientSampleId :

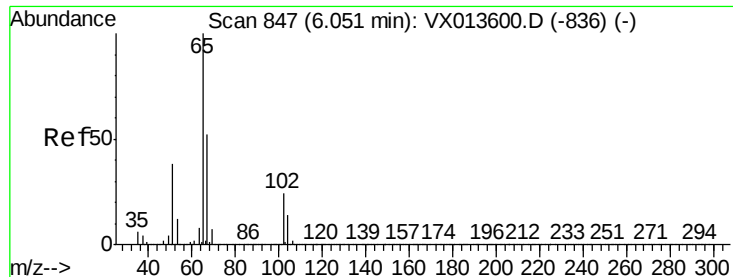
Tot Ion: 56 Resp: 557978
Ion Ratio Lower Upper
56 100
69 32.1 24.6 36.8
84 87.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.169 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 97 Resp: 509532
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 44.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.217 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

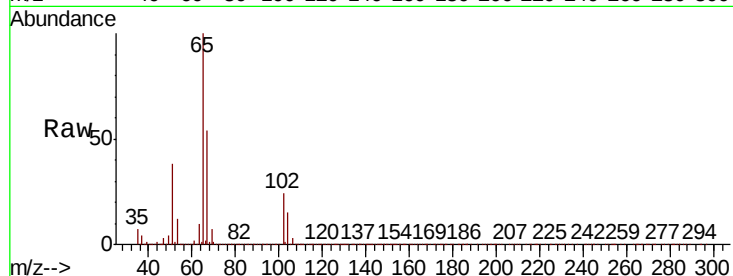
ClientSampleId :

Tot Ion: 65 Resp: 368652

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

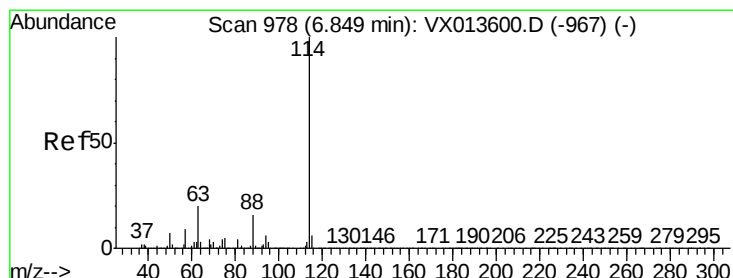
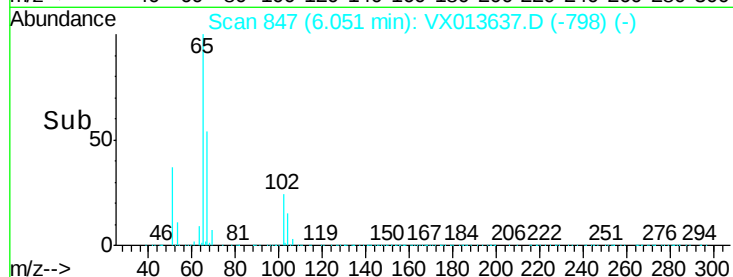
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

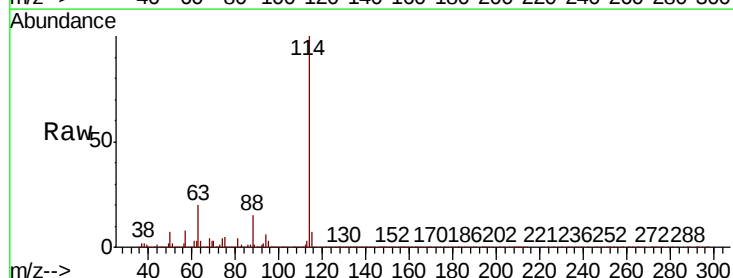
Tgt Ion: 114 Resp: 1037202

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

600000

500000

400000

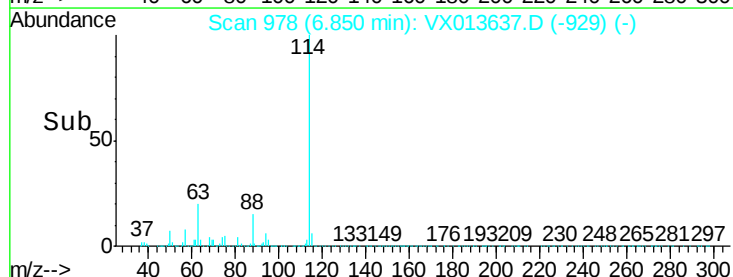
300000

200000

100000

0

Time--> 6.70 6.80 6.90 7.00

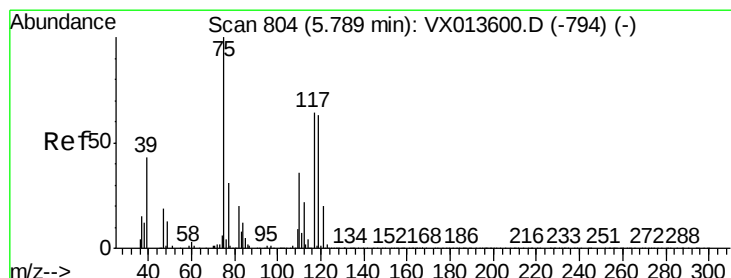
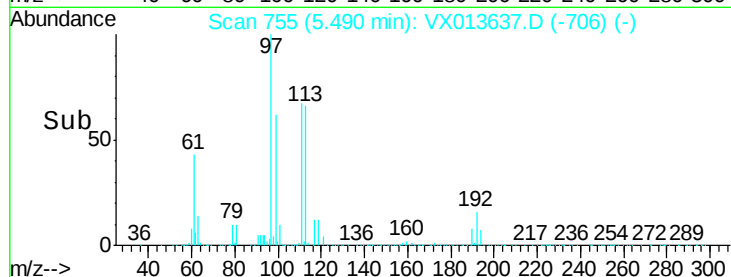
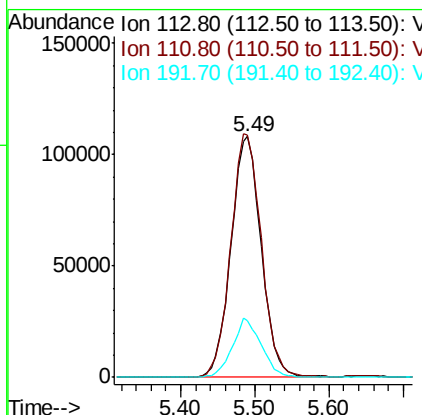
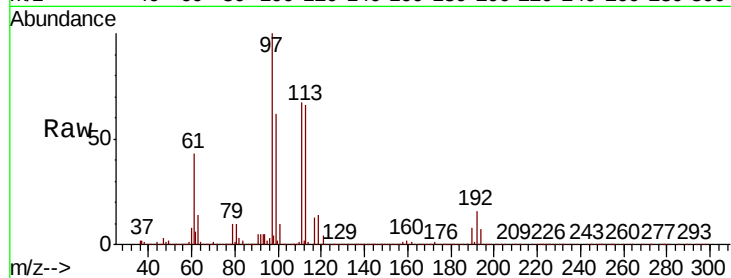




#35
Dibromofluoromethane
Concen: 47.863 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

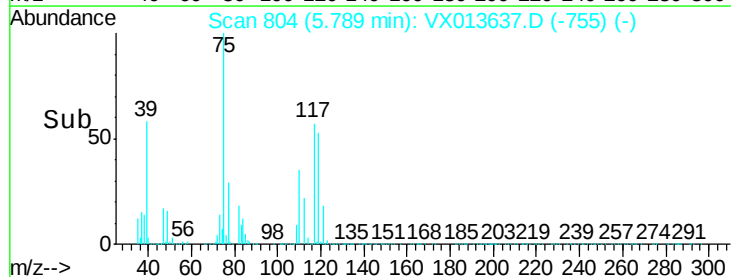
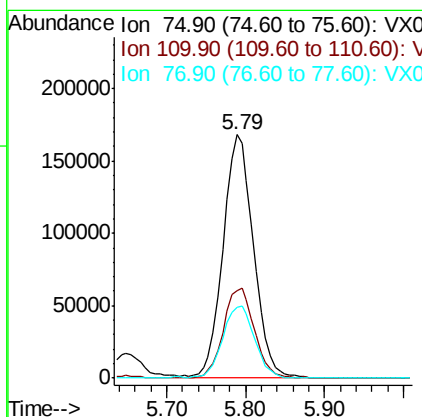
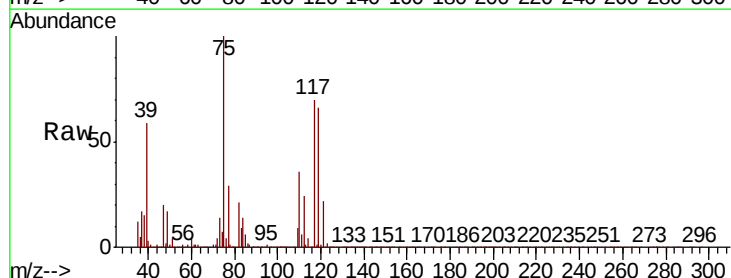
Instrument :
MSVOA_X
ClientSampled :

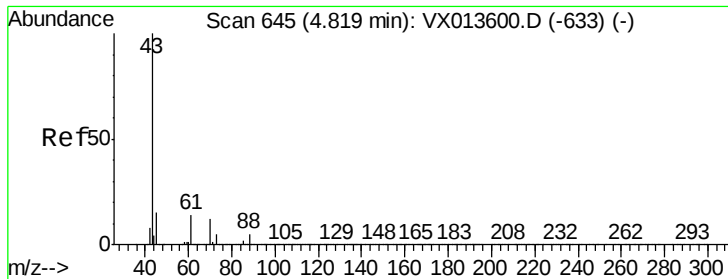
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.6	125.4
192	23.4	19.2	28.8



#36
1,1-Dichloropropene
Concen: 47.632 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.1	54.1
77	30.9	24.5	36.7

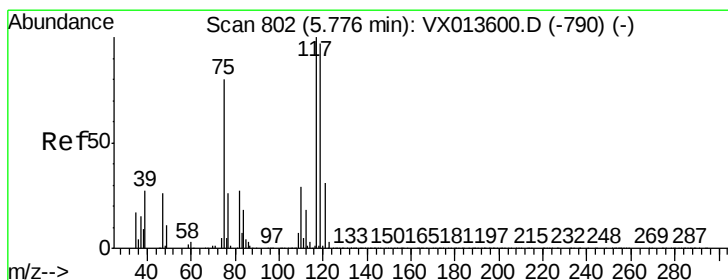
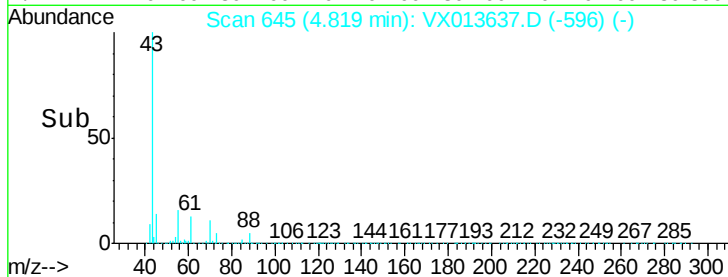
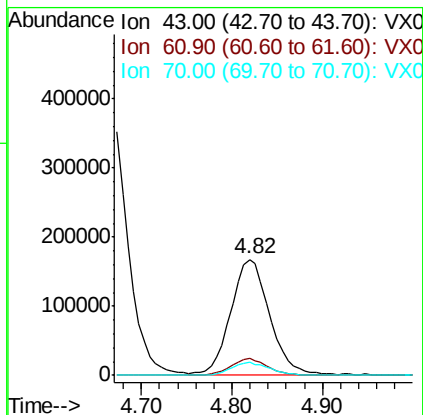
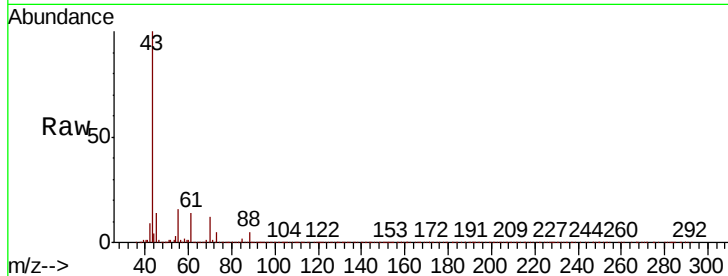




#37
Ethyl Acetate
Concen: 46.171 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

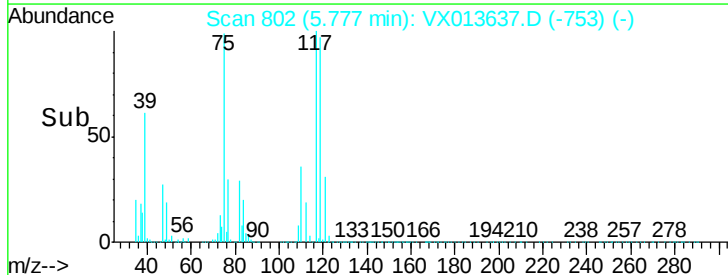
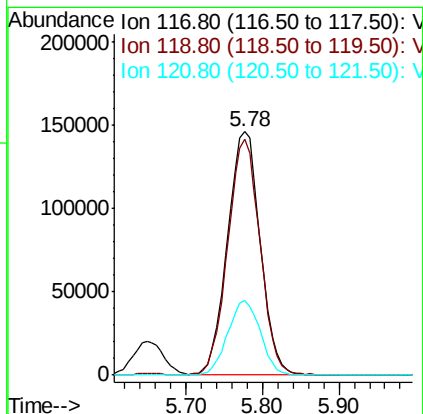
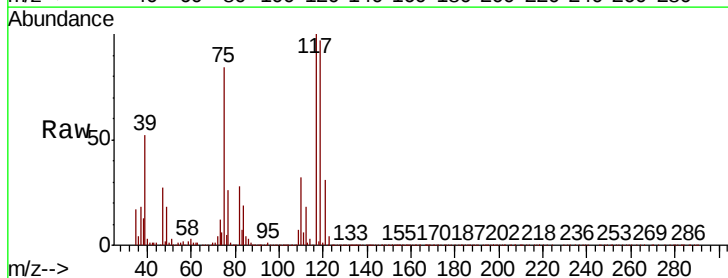
Instrument :
MSVOA_X
ClientSampleId :

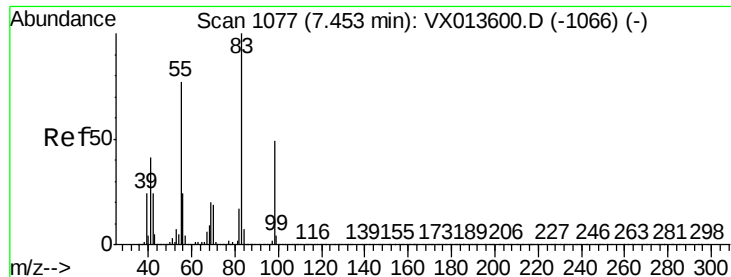
Tot Ion: 43 Resp: 487678
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.4
70 10.7 8.6 12.8



#38
Carbon Tetrachloride
Concen: 49.682 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 117 Resp: 431320
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3
121 30.5 25.0 37.6

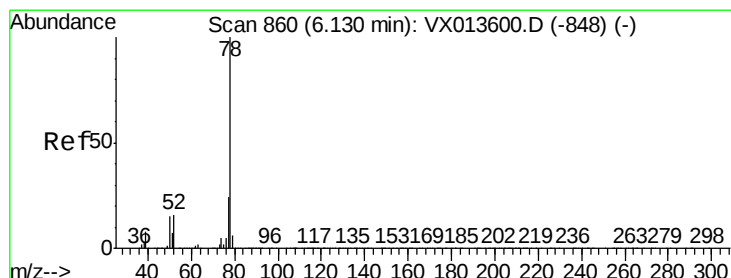
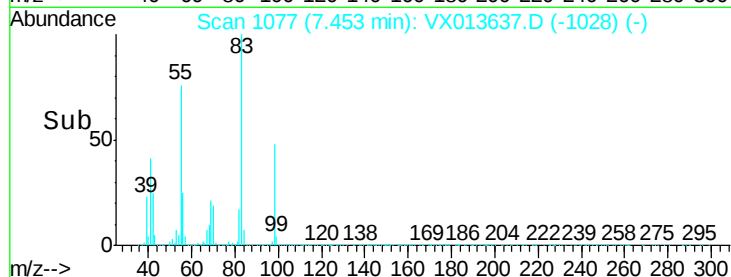
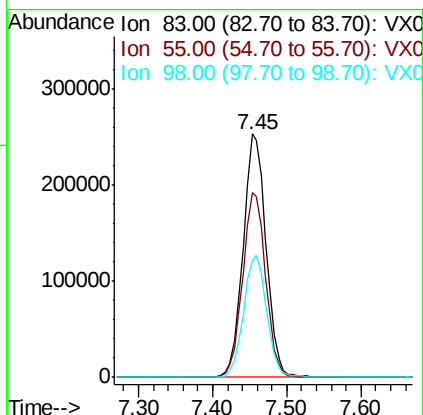
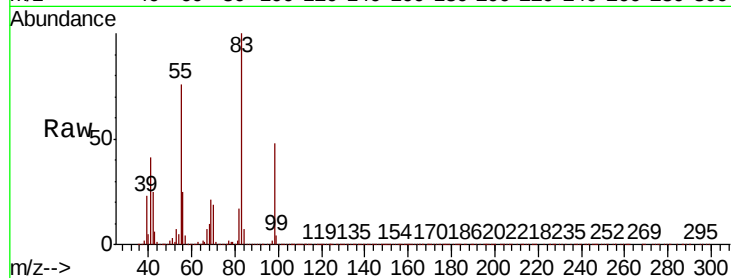




#39
Methvlcvclohexane
Concen: 47.127 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

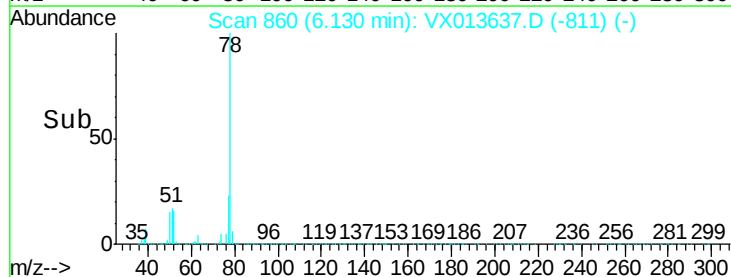
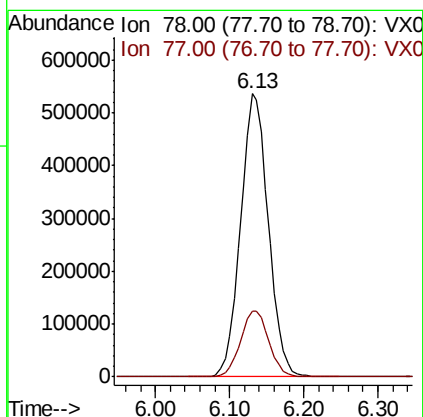
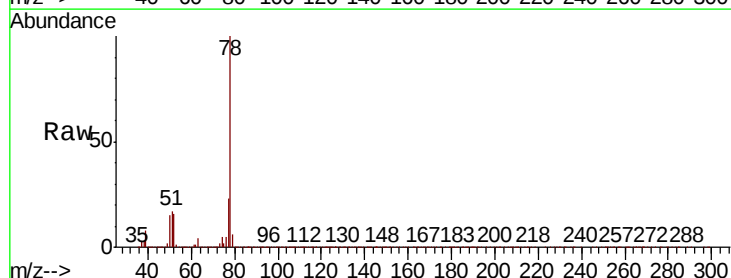
Instrument :
MSVOA_X
ClientSampleId :

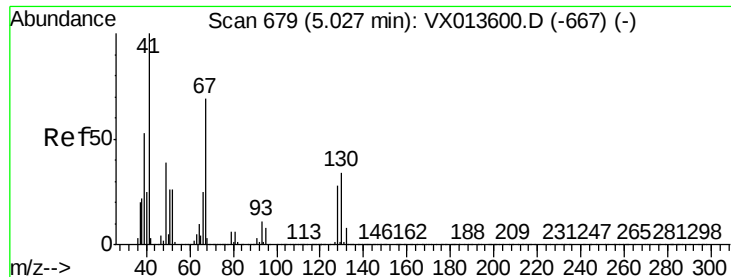
Tot Ion	83.00	Resp	548461
Ion Ratio	Lower	Upper	
83	100		
55	75.9	61.9	92.9
98	48.2	39.4	59.0



#40
Benzene
Concen: 48.844 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	78.00	Resp	1400618
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 50.863 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 294632

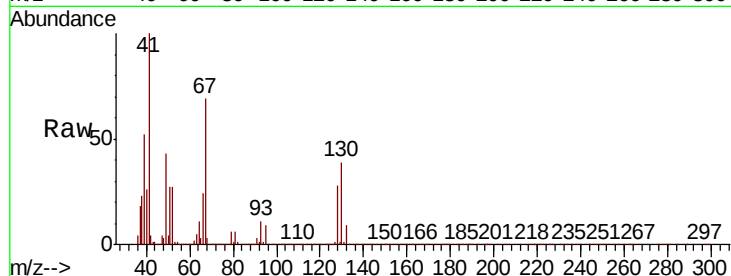
Ion Ratio Lower Upper

41 100

39 53.6 42.9 64.3

67 71.1 57.4 86.0

52 28.8 22.4 33.6

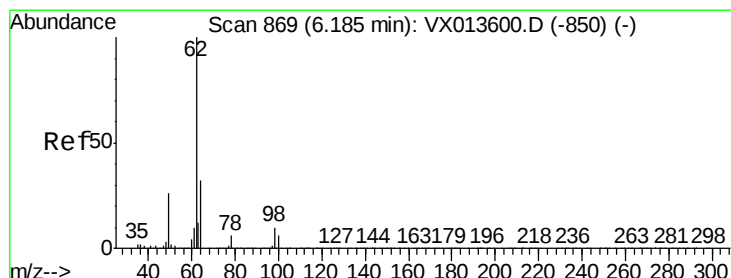
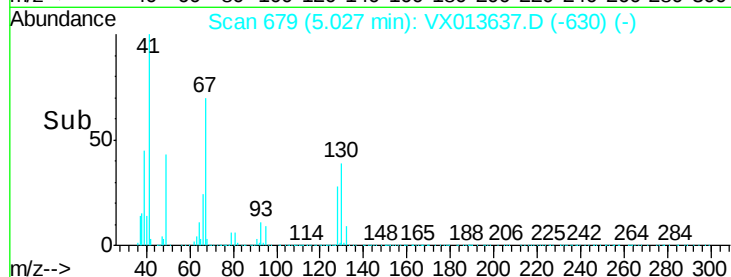
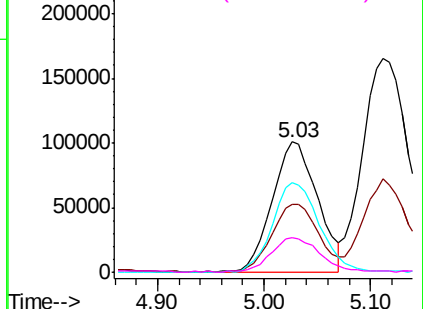


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.837 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013637.D

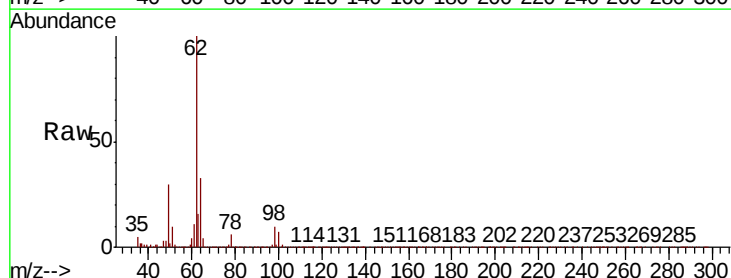
Acq: 27 Nov 2019 06:58

Tgt Ion: 62 Resp: 477601

Ion Ratio Lower Upper

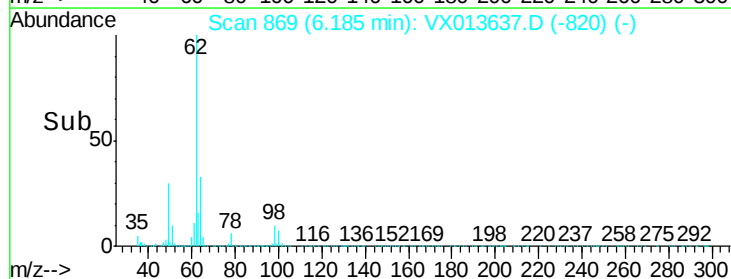
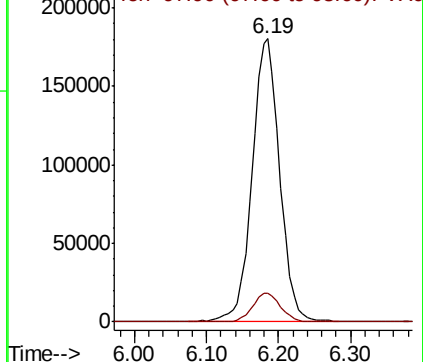
62 100

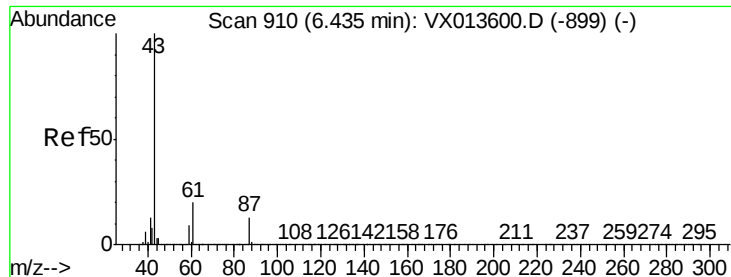
98 10.2 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



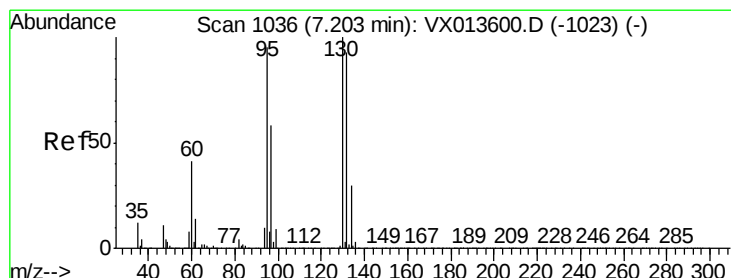
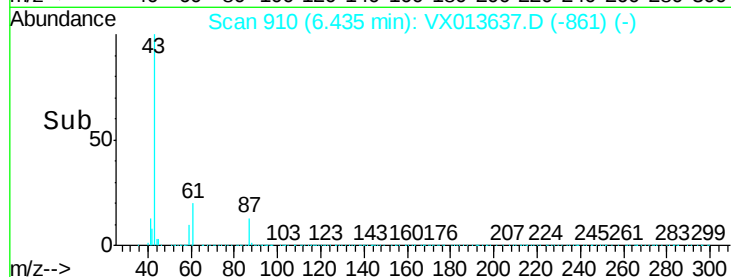
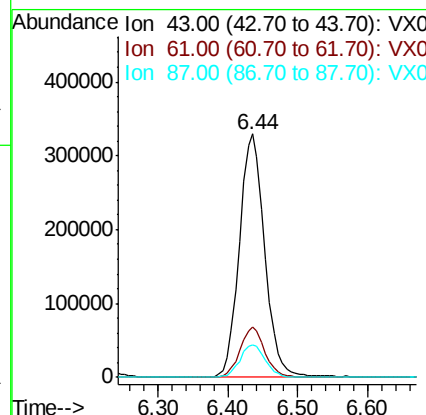
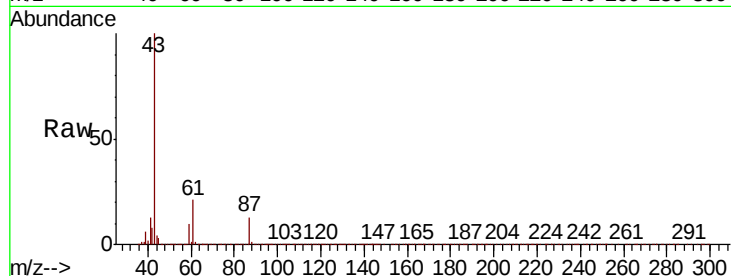


#43

Isopropyl Acetate
 Concen: 47.209 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :

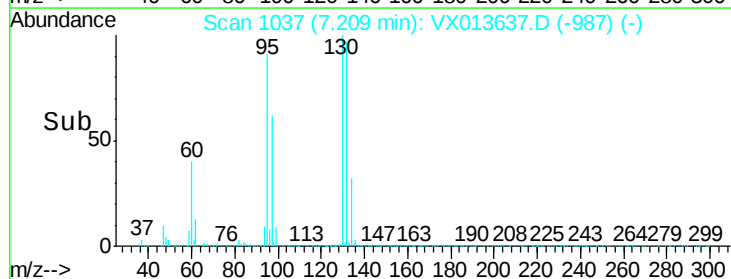
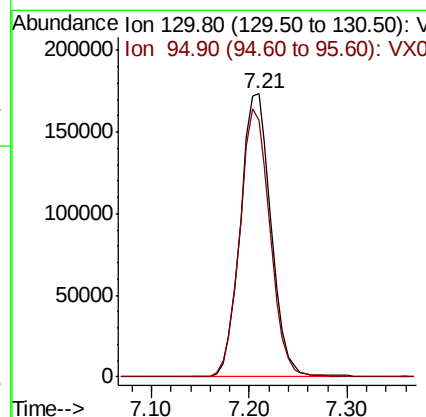
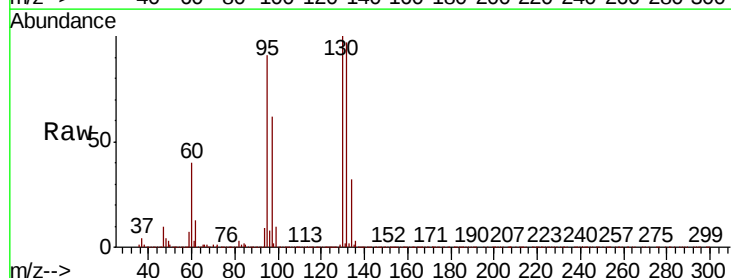
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.3	24.5
87	13.4	10.8	16.2

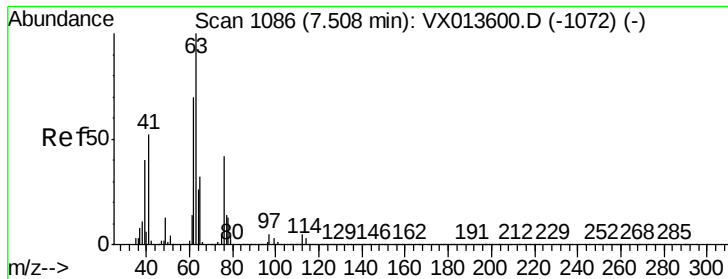


#44

Trichloroethene
 Concen: 47.822 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.390 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

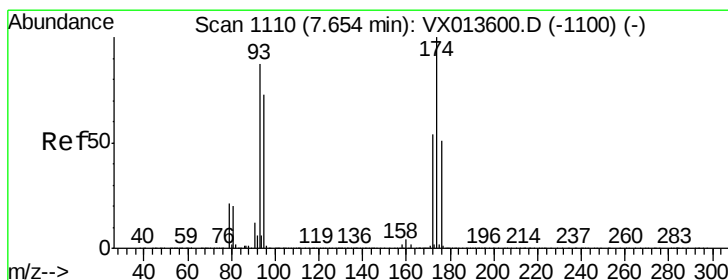
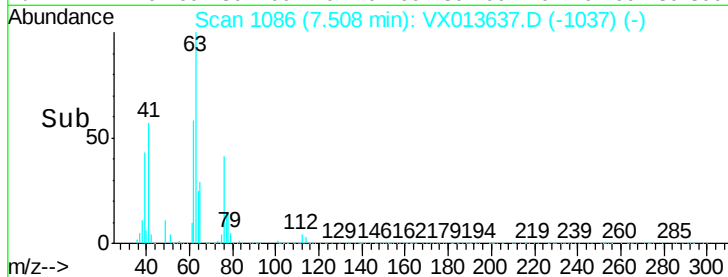
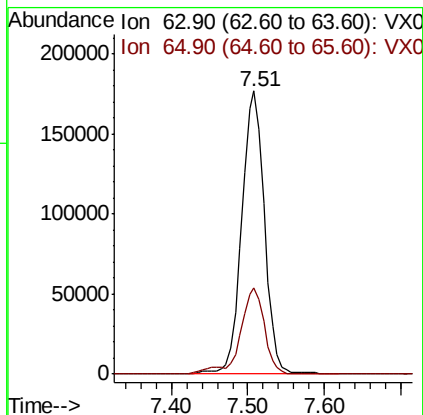
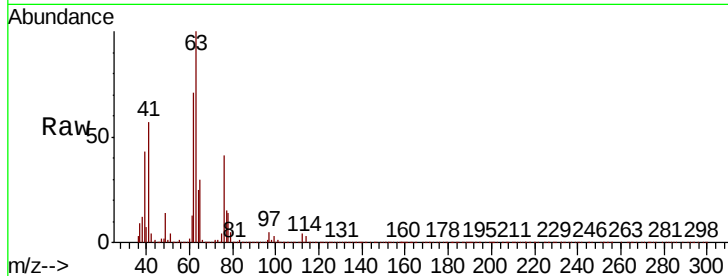
ClientSampleId :

Tot Ion: 63 Resp: 361524

Ion Ratio Lower Upper

63 100

65 30.3 25.5 38.3



#46

Dibromomethane

Concen: 48.384 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

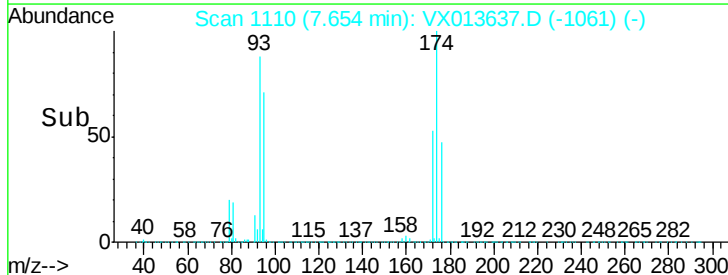
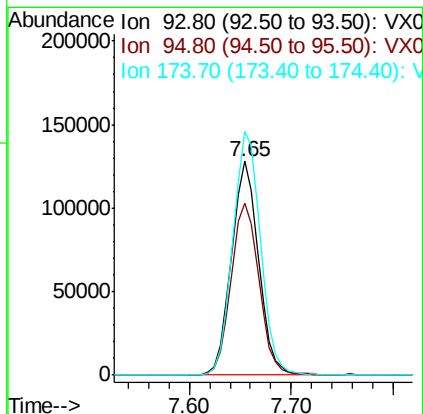
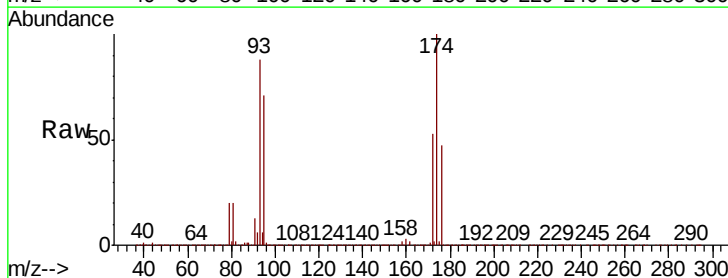
Tgt Ion: 93 Resp: 235763

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 116.1 93.4 140.0





#47

Bromodichloromethane

Concen: 49.837 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

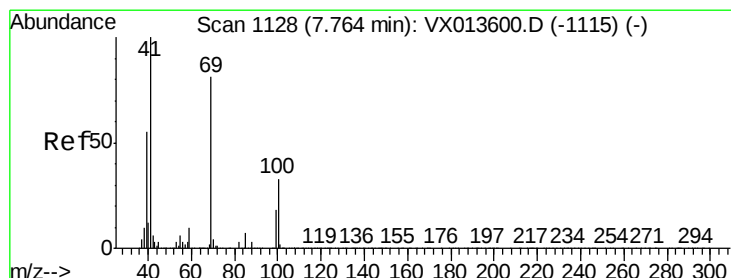
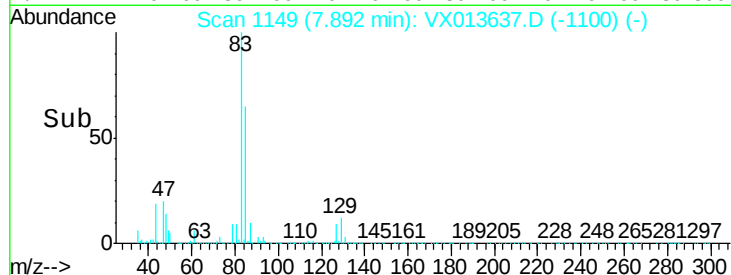
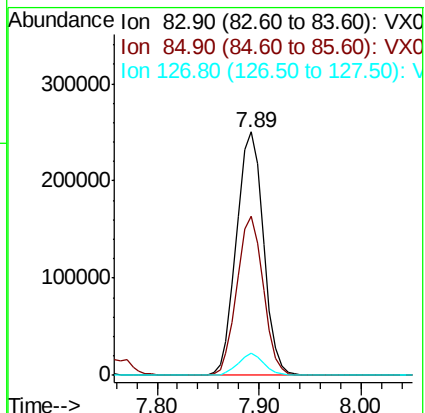
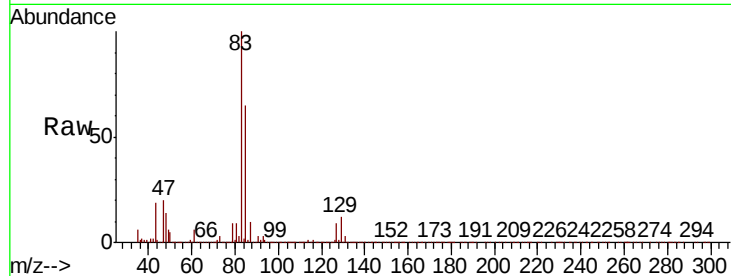
Tot Ion: 83 Resp: 459091

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

127 8.9 7.0 10.4



#48

Methyl methacrylate

Concen: 50.518 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

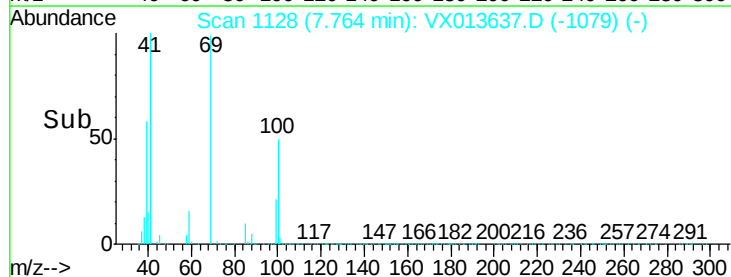
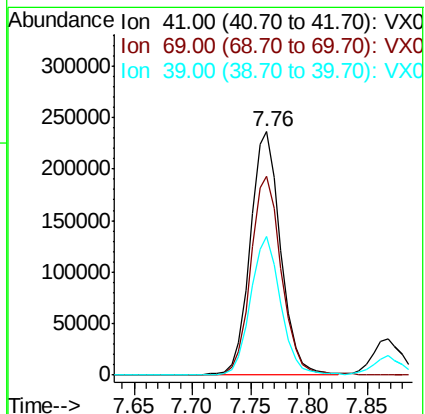
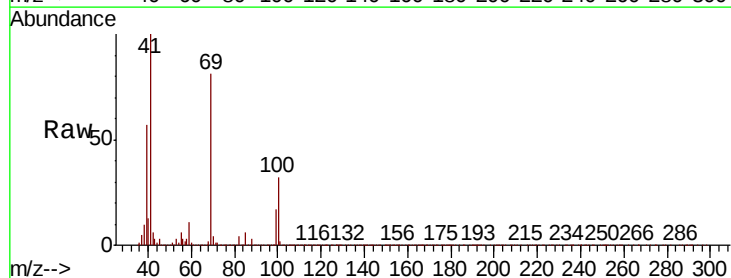
Tgt Ion: 41 Resp: 426827

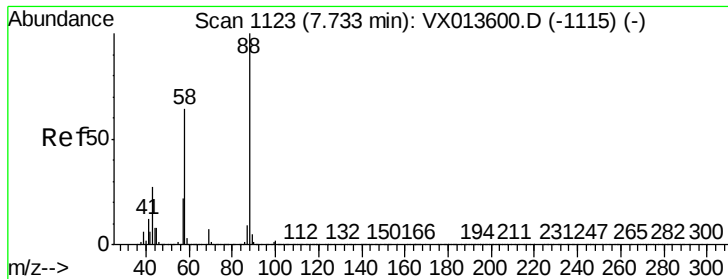
Ion Ratio Lower Upper

41 100

69 83.0 64.7 97.1

39 56.2 43.8 65.6





#49

1,4-Dioxane

Concen: 996.337 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

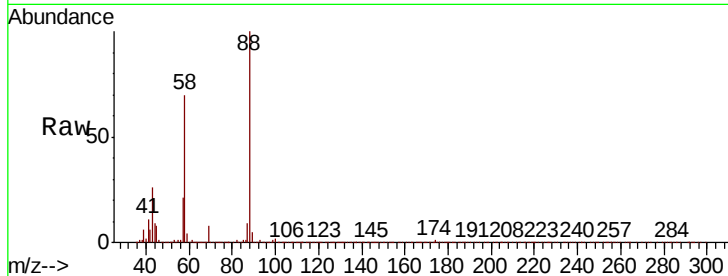
Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 188427

Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.8	38.6
58	68.8	54.6	82.0

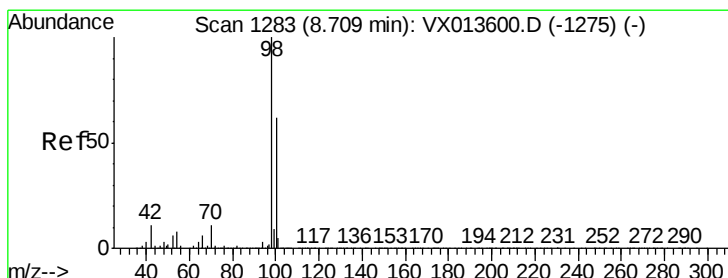
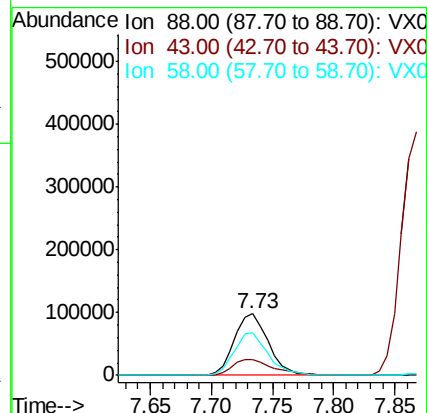
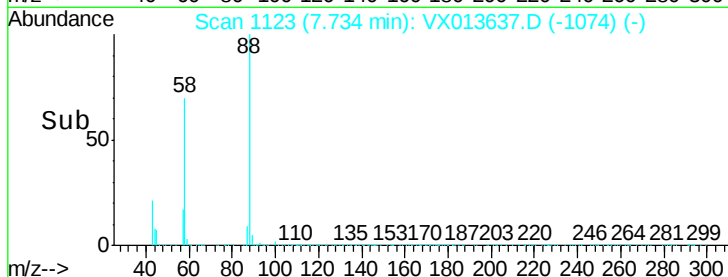


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.992 ug/l

RT: 8.71 min Scan# 1283

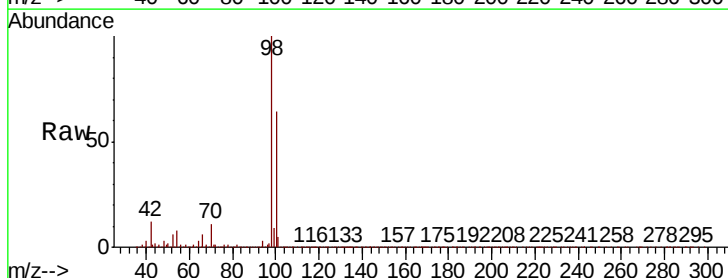
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion: 98 Resp: 1173958

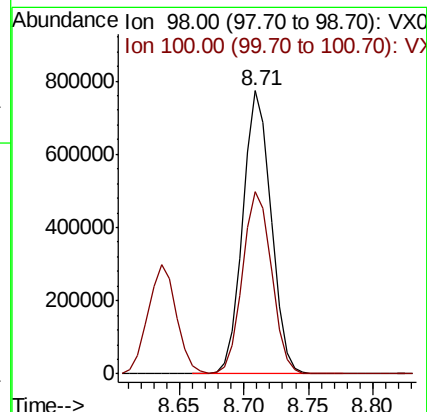
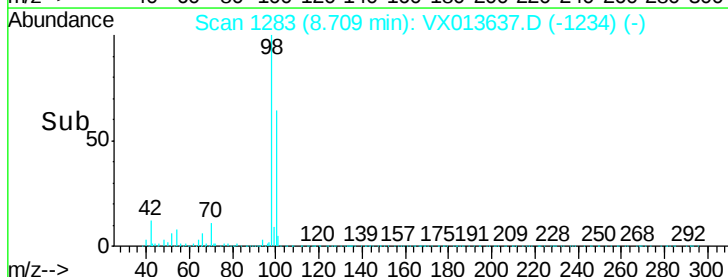
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7

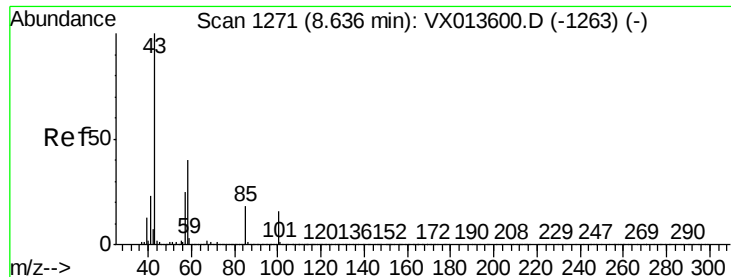


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 249.740 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

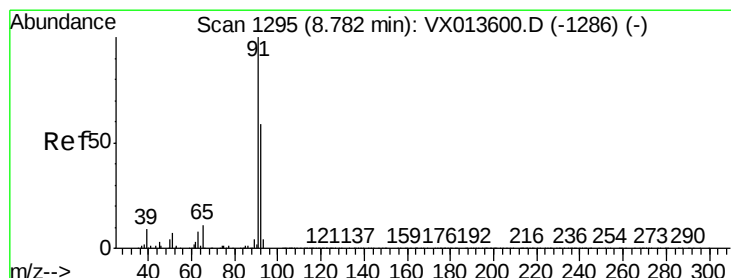
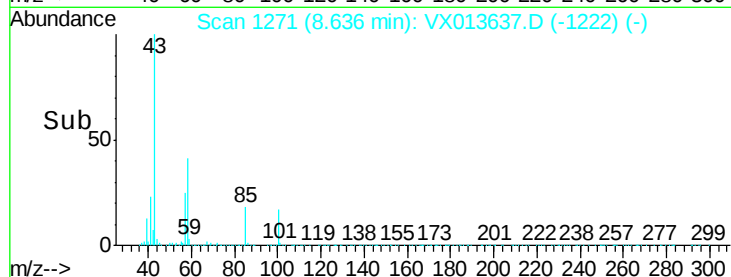
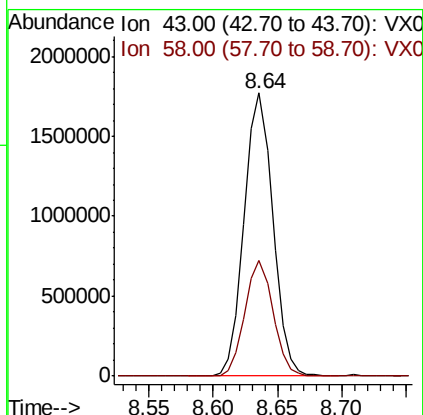
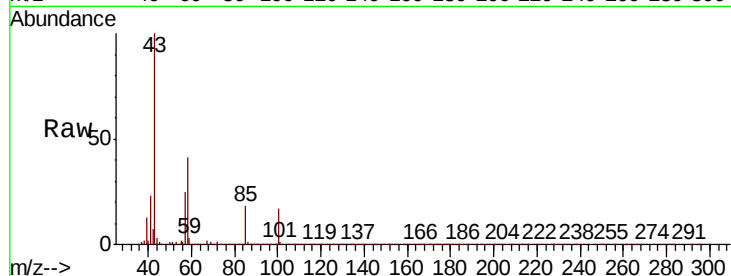
ClientSampleId :

Tot Ion: 43 Resp: 2731686

Ion Ratio Lower Upper

43 100

58 40.0 32.1 48.1



#52

Toluene

Concen: 49.352 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013637.D

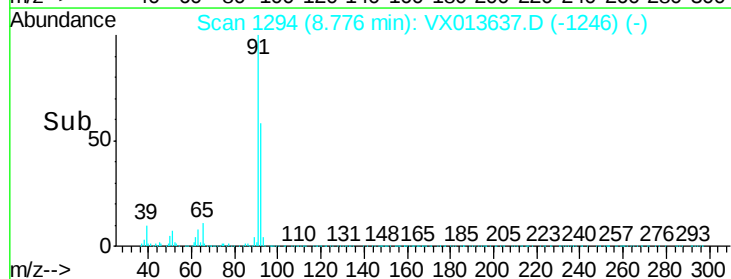
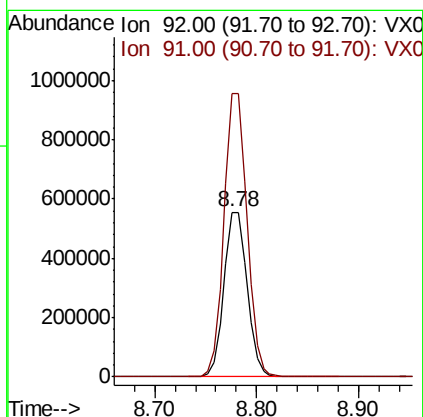
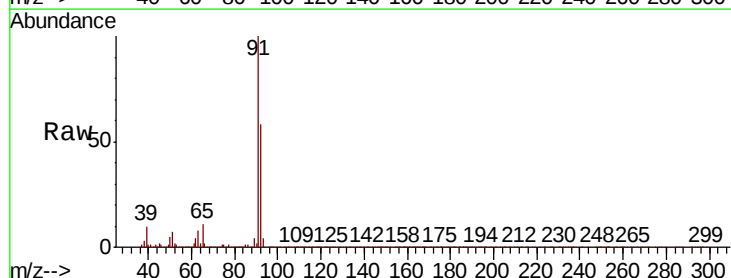
Acq: 27 Nov 2019 06:58

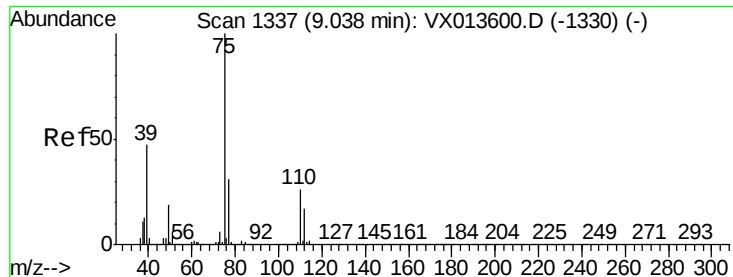
Tgt Ion: 92 Resp: 879182

Ion Ratio Lower Upper

92 100

91 170.2 136.2 204.2

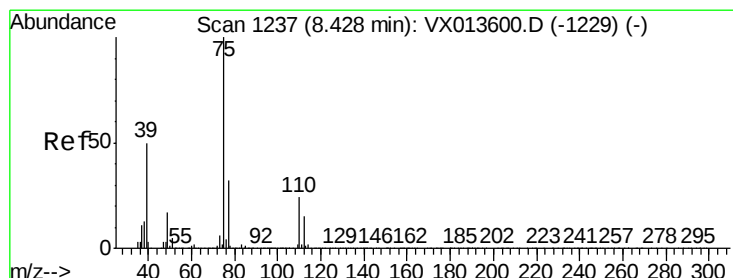
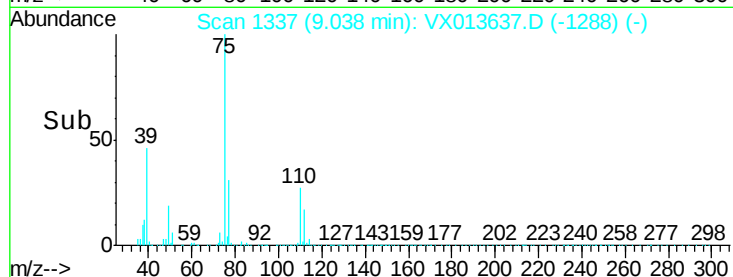
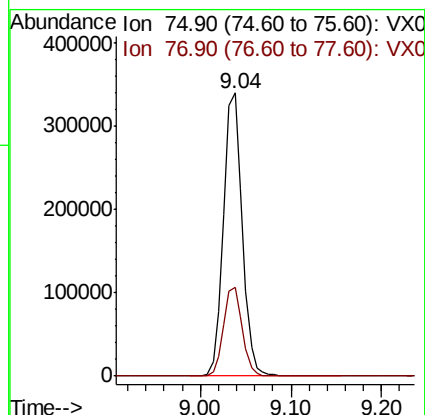
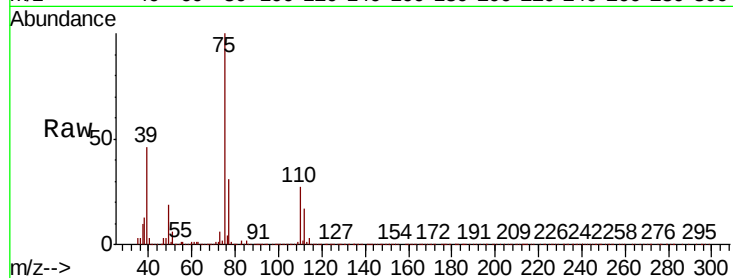




#53
t-1,3-Dichloropropene
Concen: 46.823 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

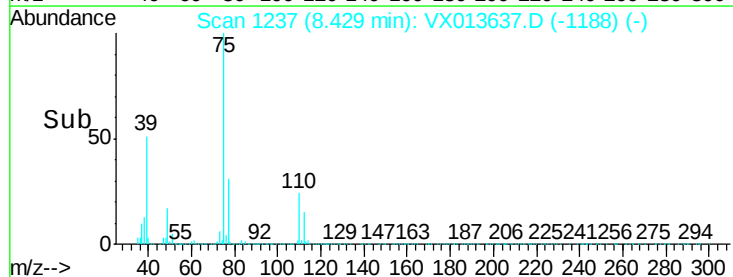
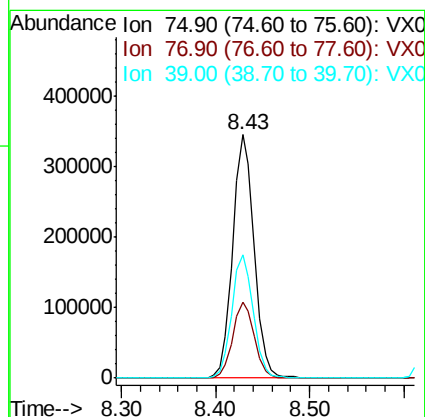
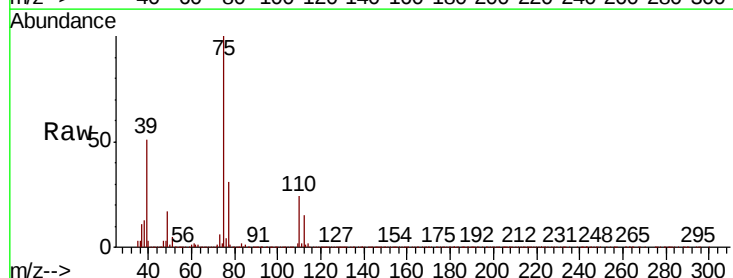
Instrument :
MSVOA_X
ClientSampleId :

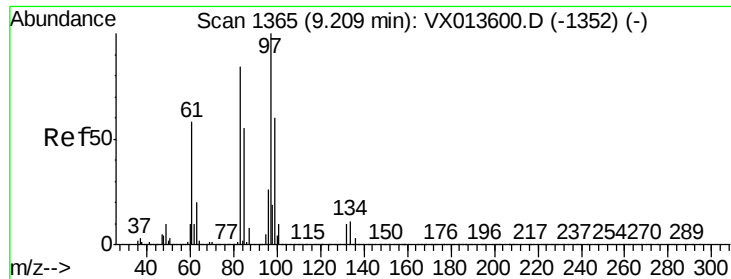
Tot Ion: 75 Resp: 490952
Ion Ratio Lower Upper
75 100
77 31.2 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 47.523 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 75 Resp: 544395
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6
39 50.6 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 50.087 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 359565

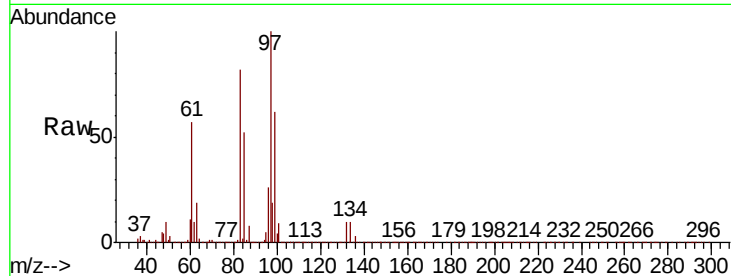
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.3	100.9
85	52.3	43.6	65.4
99	61.5	48.2	72.4

97 100

83 82.5 67.3 100.9

85 52.3 43.6 65.4

99 61.5 48.2 72.4



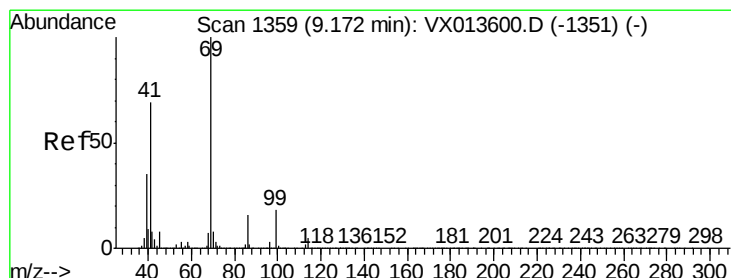
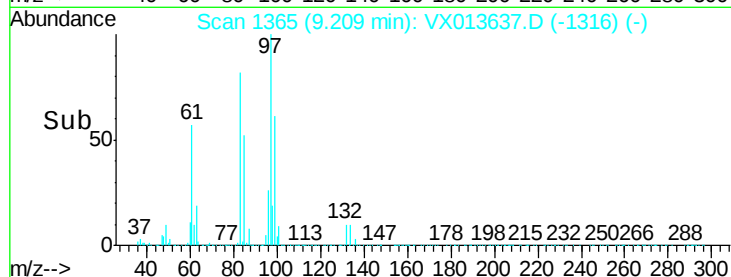
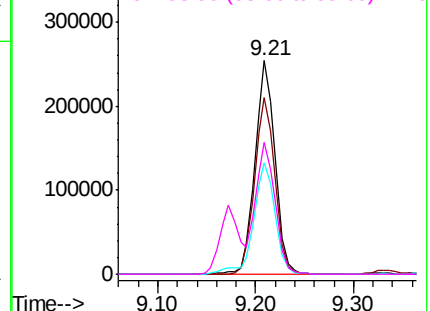
Abundance

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: 49.675 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

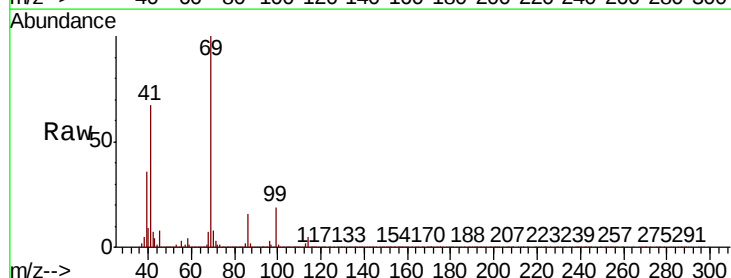
Tgt Ion: 69 Resp: 573337

Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.0	82.4
39	36.3	28.7	43.1

69 100

41 67.8 55.0 82.4

39 36.3 28.7 43.1

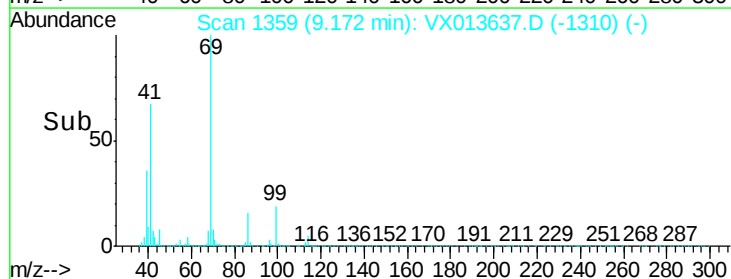
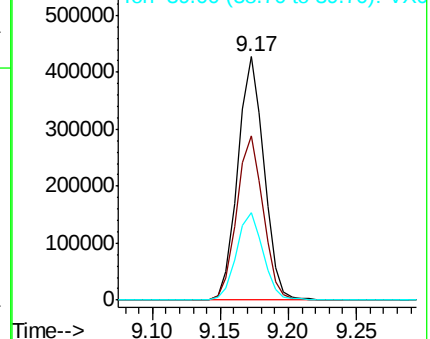


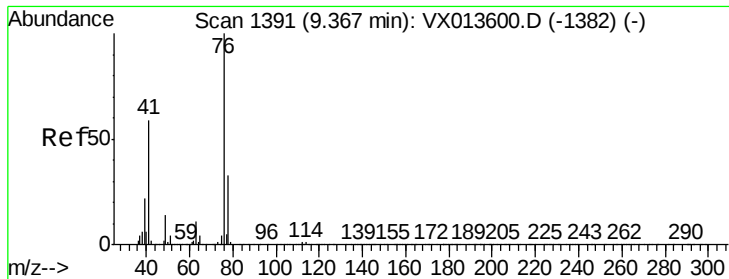
Abundance

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: 48.567 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

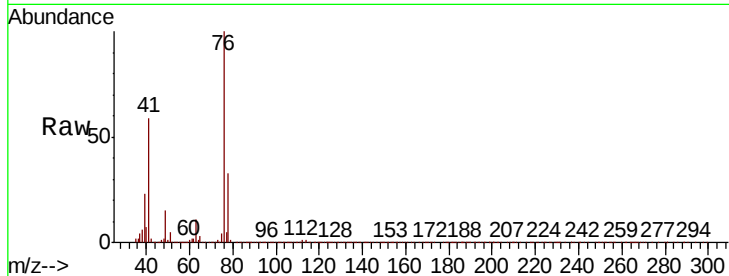
ClientSampleId :

Tot Ion: 76 Resp: 600967

Ion Ratio Lower Upper

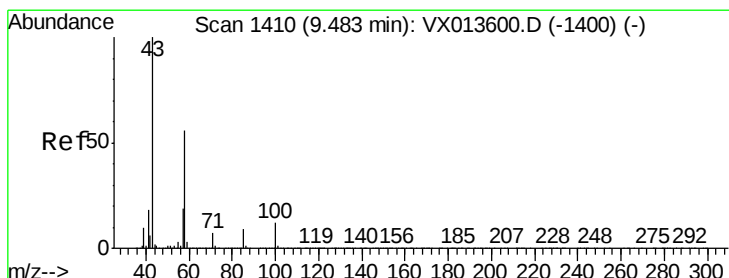
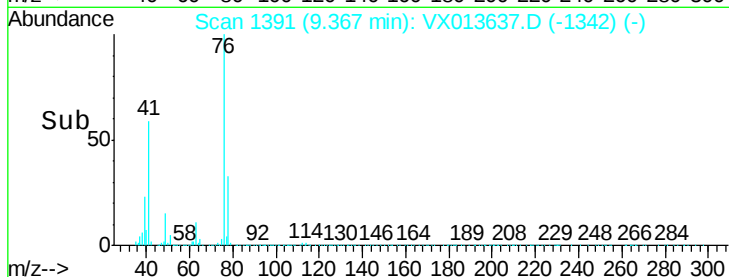
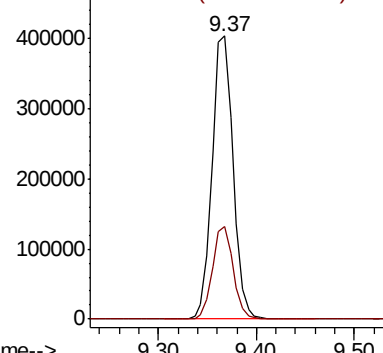
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 246.734 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX013637.D

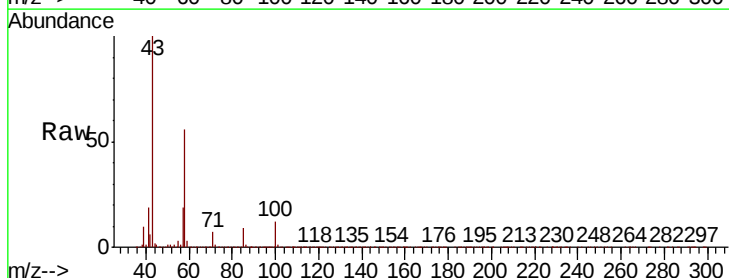
Acq: 27 Nov 2019 06:58

Tgt Ion: 43 Resp: 2104870

Ion Ratio Lower Upper

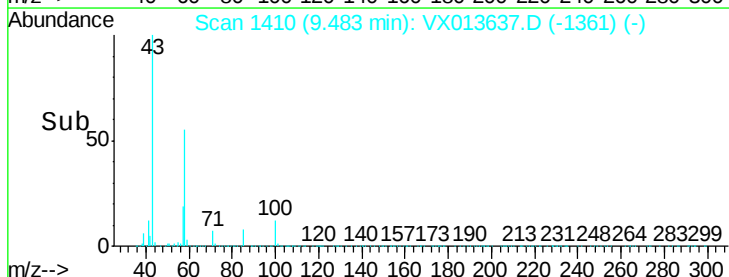
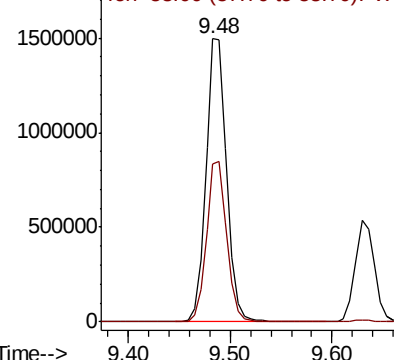
43 100

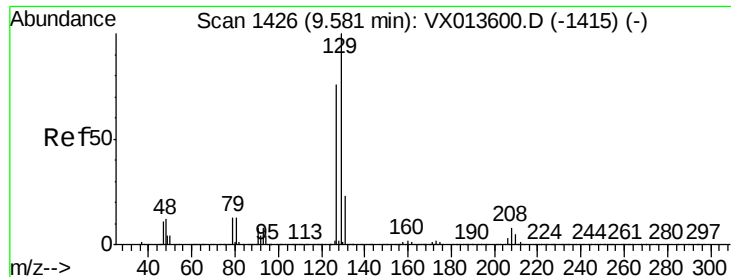
58 55.8 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

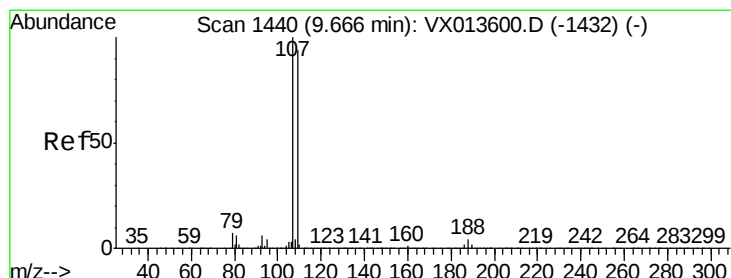
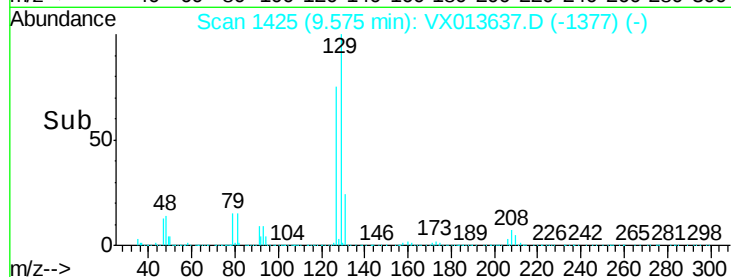
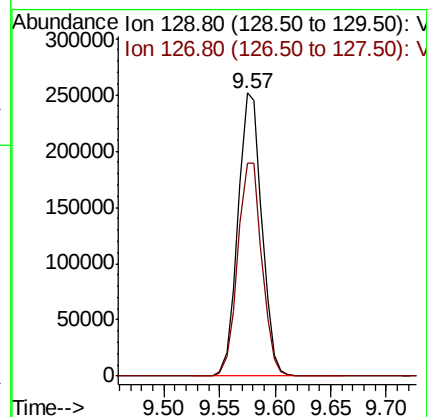
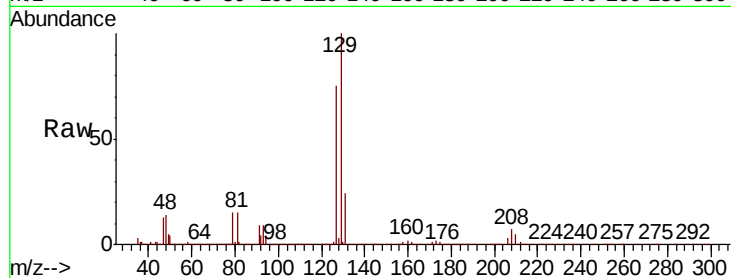




#60
Dibromochloromethane
Concen: 50.027 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

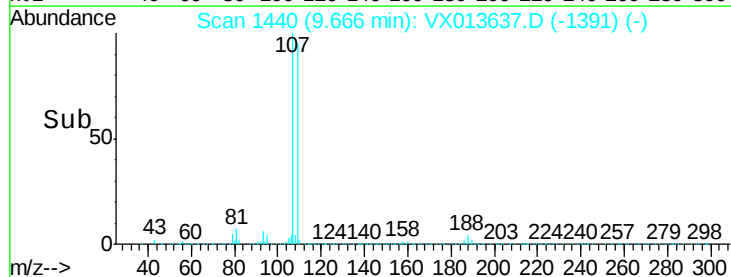
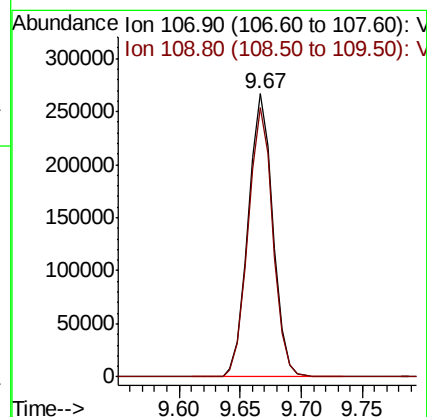
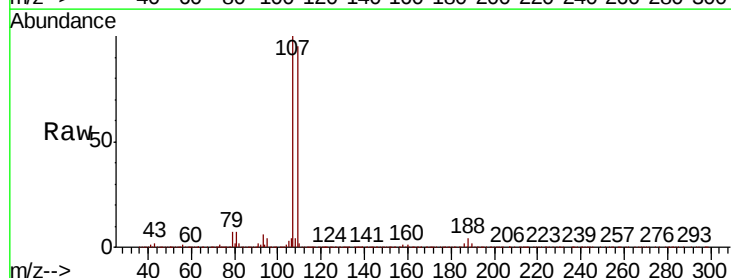
Instrument :
MSVOA_X
ClientSampleId :

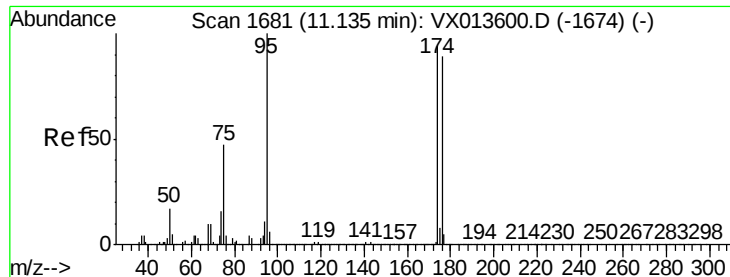
Tot Ion:129 Resp: 372712
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5



#61
1,2-Dibromoethane
Concen: 48.891 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion:107 Resp: 374860
Ion Ratio Lower Upper
107 100
109 95.0 76.1 114.1





#62

4-Bromofluorobenzene

Concen: 46.819 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

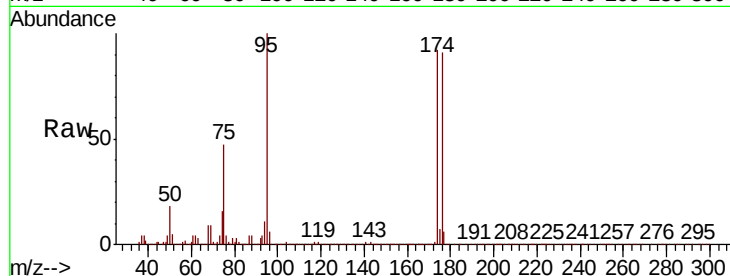
Tot Ion: 95 Resp: 421782

Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

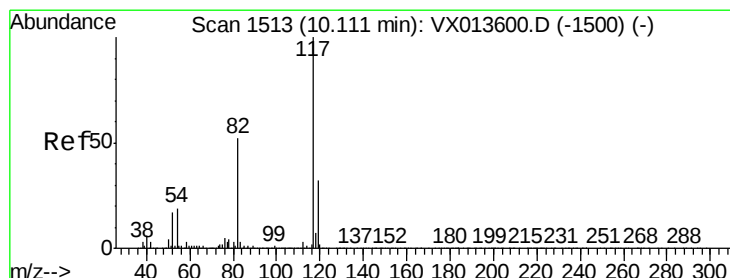
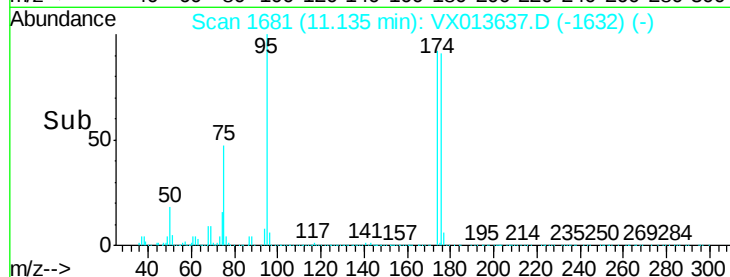
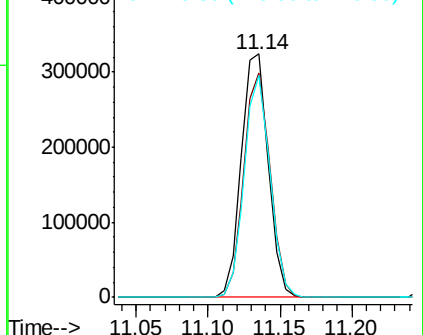
176 86.6 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

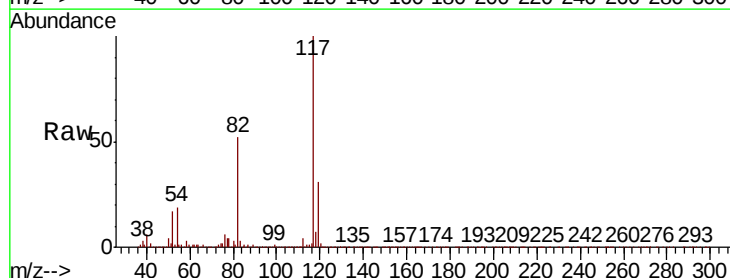
Tgt Ion: 117 Resp: 946615

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

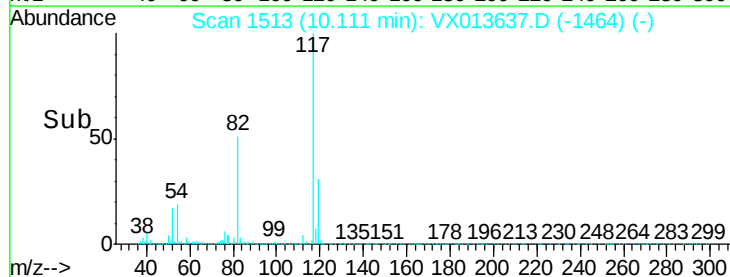
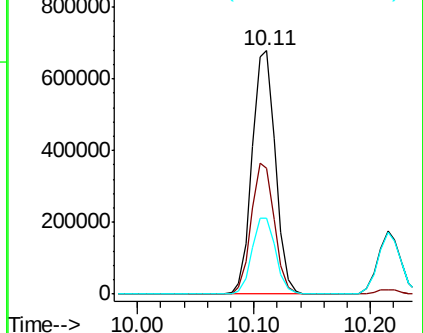
119 31.1 25.8 38.8

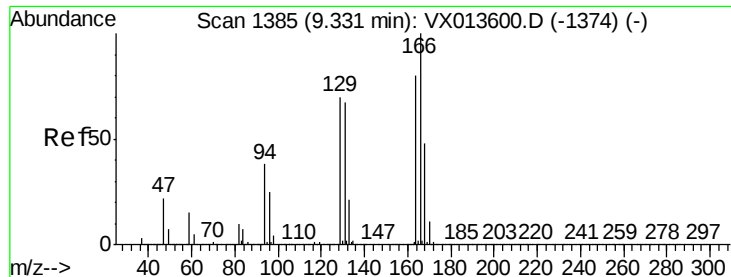


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

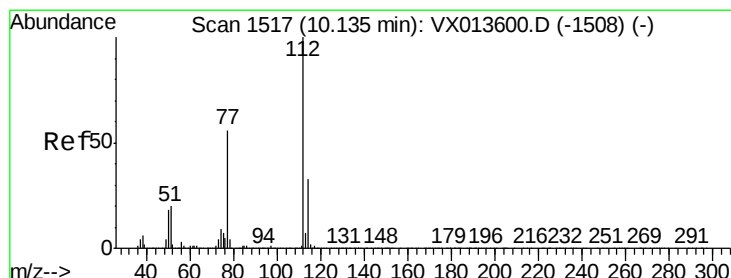
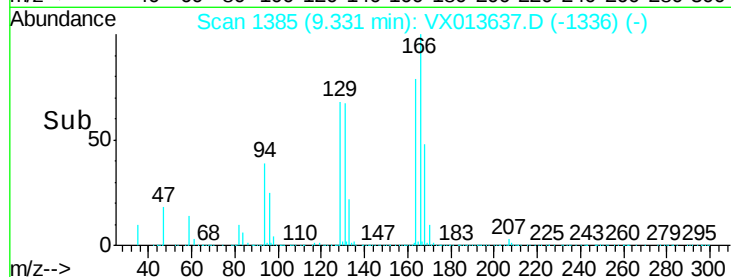
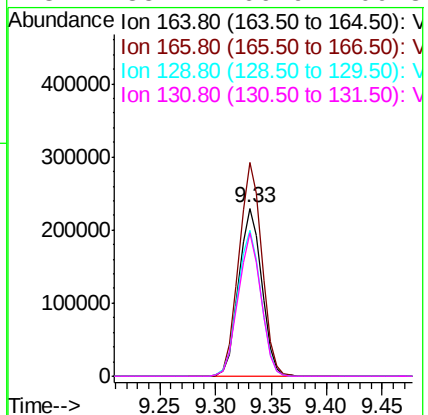
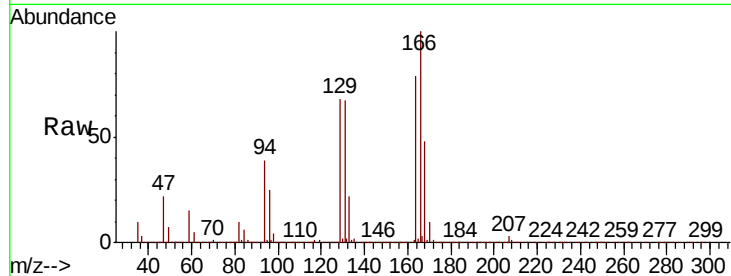




#64
Tetrachloroethene
Concen: 46.722 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

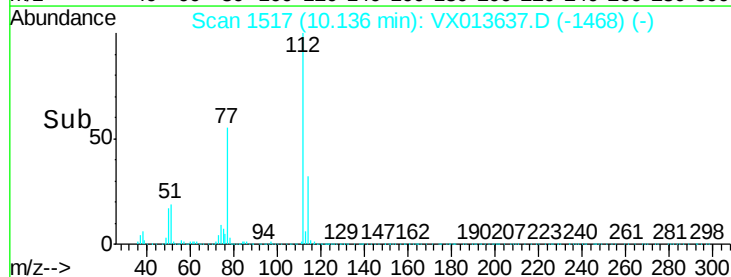
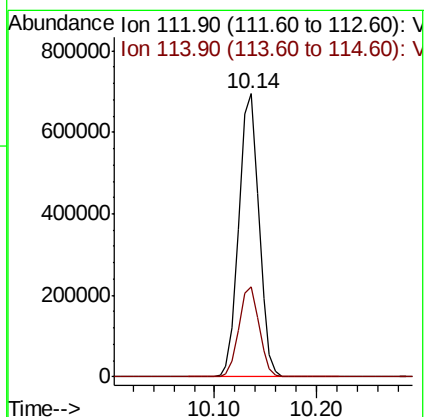
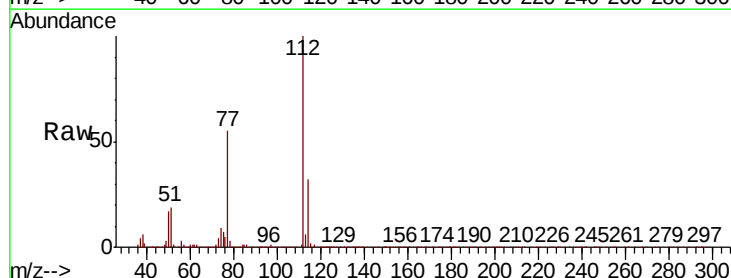
Instrument :
MSVOA_X
ClientSampleId :

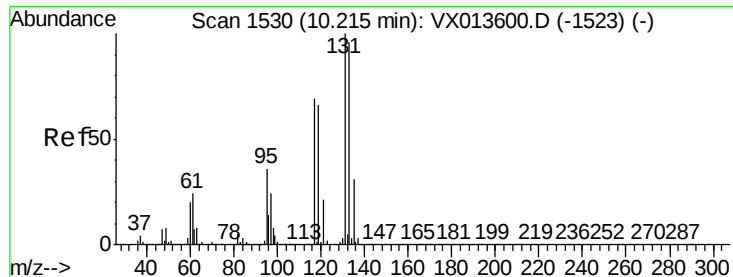
Tot Ion	Ratio	Lower	Upper
164	100		
166	127.2	99.7	149.5
129	86.8	70.1	105.1
131	85.1	66.9	100.3



#65
Chlorobenzene
Concen: 47.783 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.1	39.1





#66

1,1,1,2-Tetrachloroethane

Concen: 49.369 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

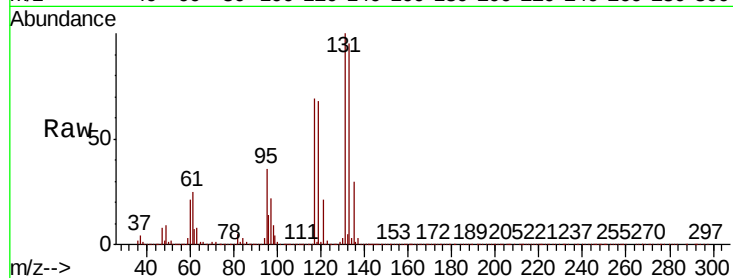
Tot Ion:131 Resp: 348416

Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

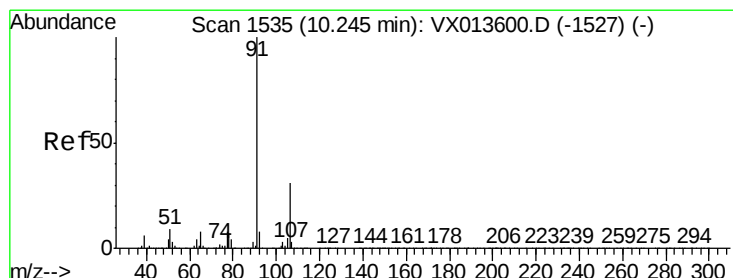
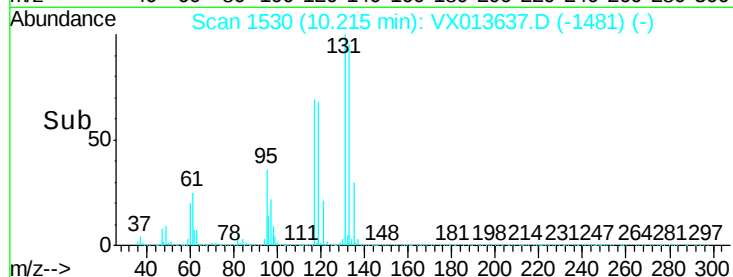
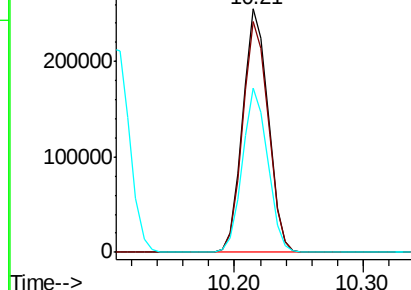
119 66.6 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.086 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013637.D

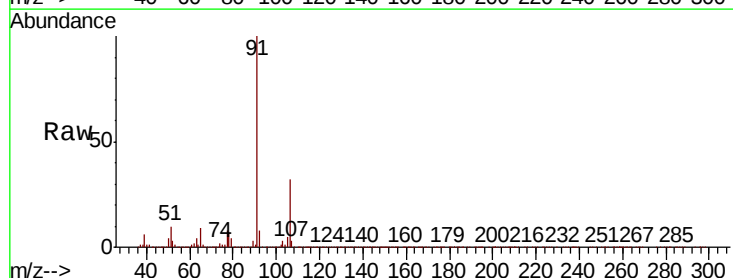
Acq: 27 Nov 2019 06:58

Tgt Ion: 91 Resp: 1657772

Ion Ratio Lower Upper

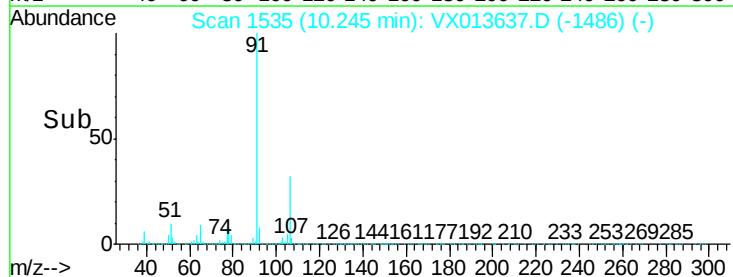
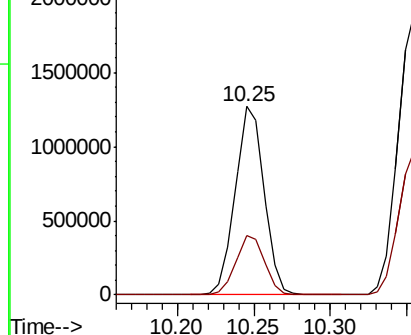
91 100

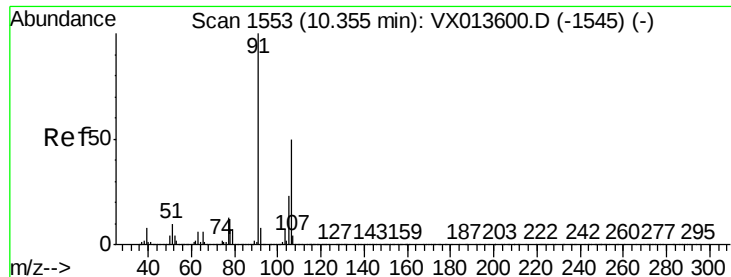
106 31.6 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 97.899 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

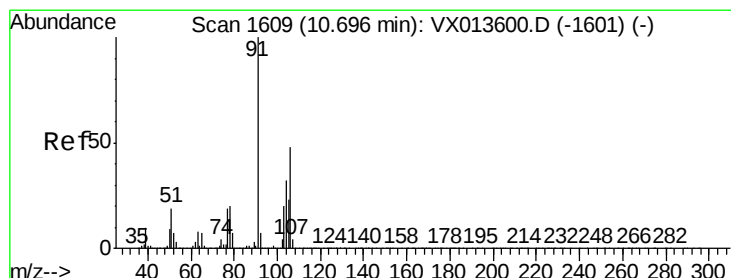
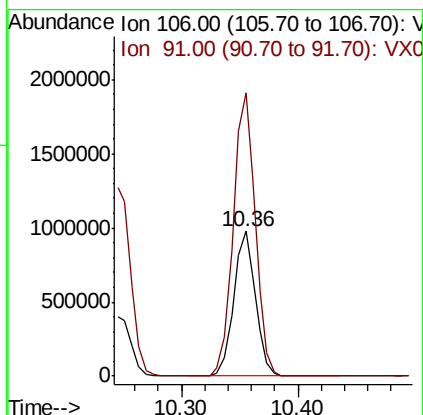
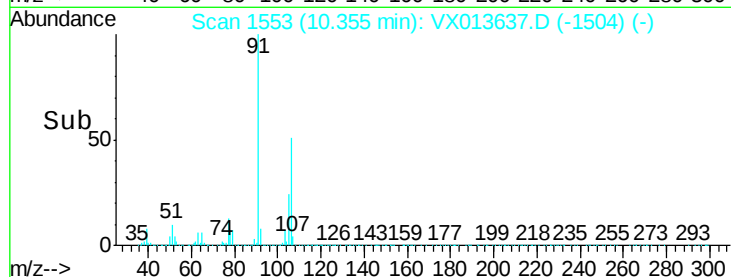
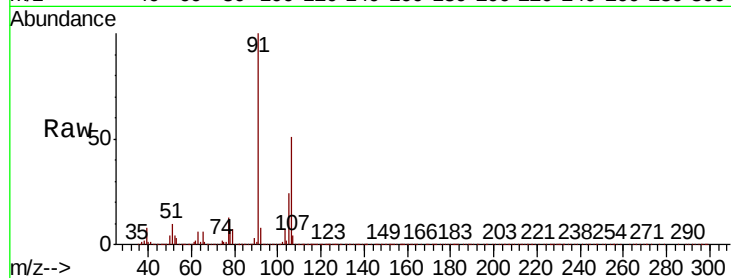
ClientSampleId :

Tot Ion:106 Resp: 1265843

Ion Ratio Lower Upper

106 100

91 199.1 159.0 238.4



#69

o-Xylene

Concen: 49.126 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013637.D

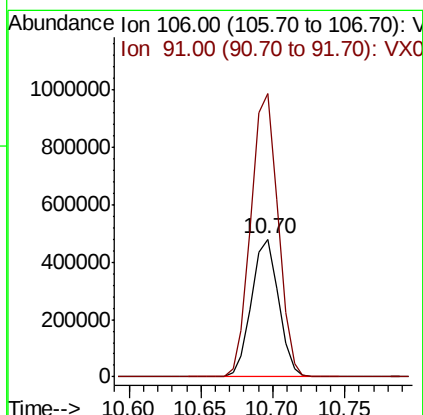
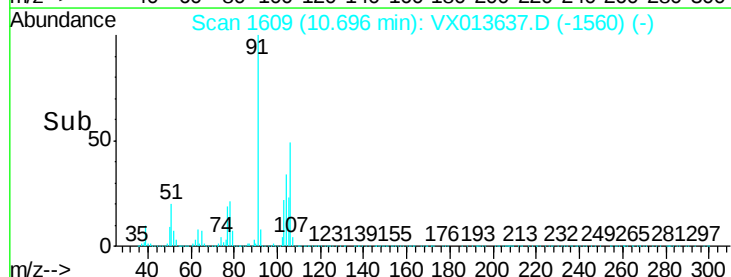
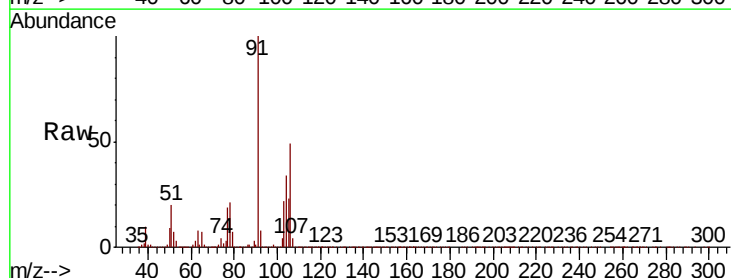
Acq: 27 Nov 2019 06:58

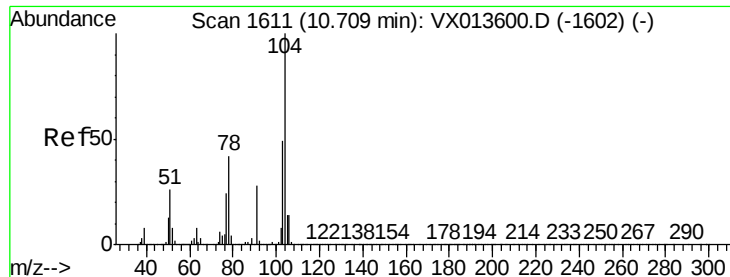
Tgt Ion:106 Resp: 619508

Ion Ratio Lower Upper

106 100

91 207.8 104.1 312.2

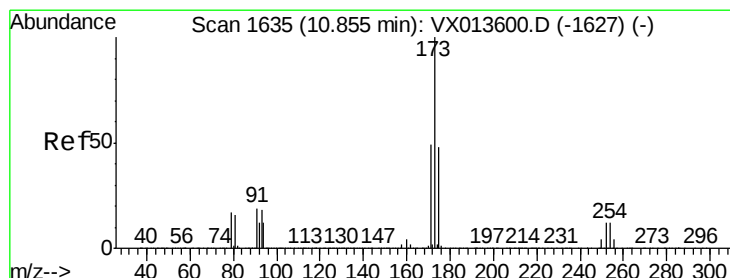
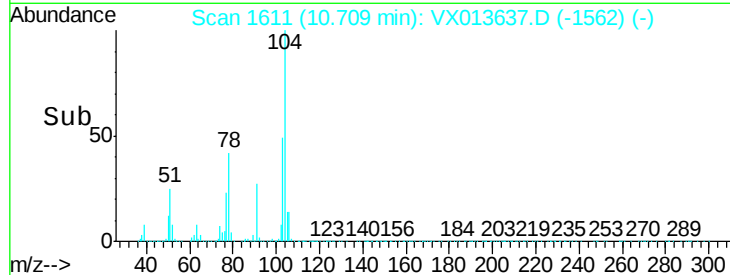
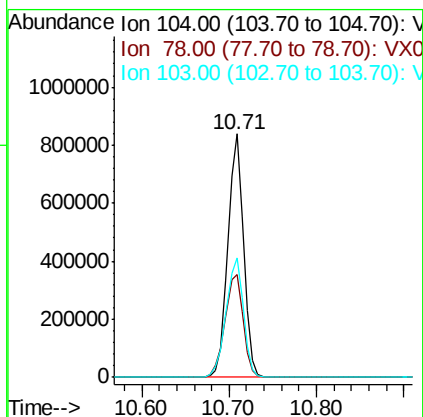
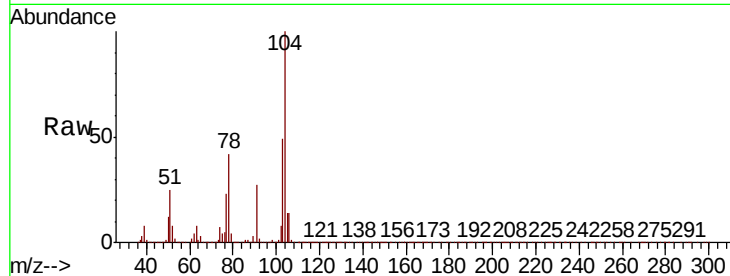




#70
Stvrene
Concen: 49.296 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

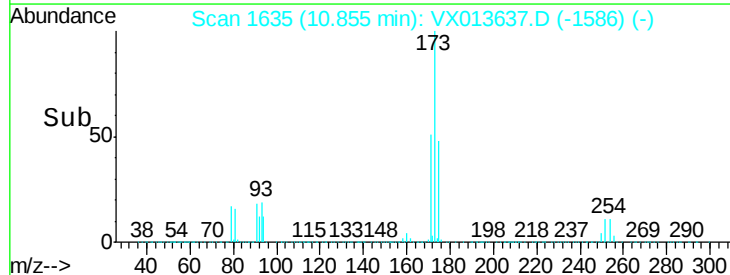
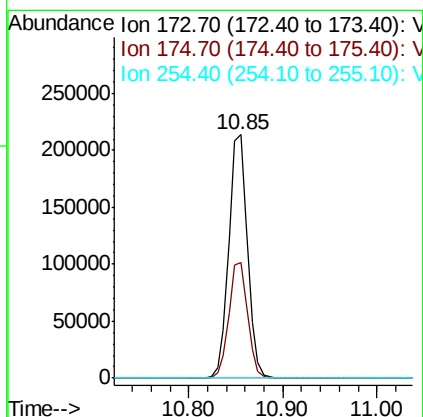
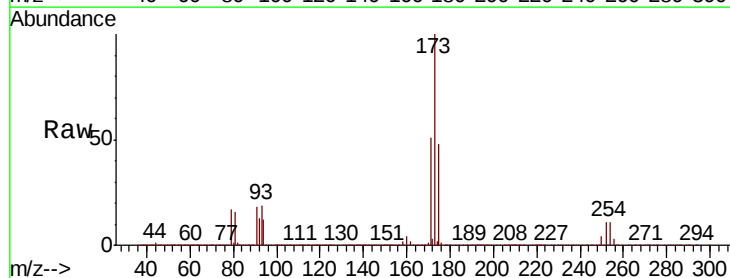
Instrument :
MSVOA_X
ClientSampled :

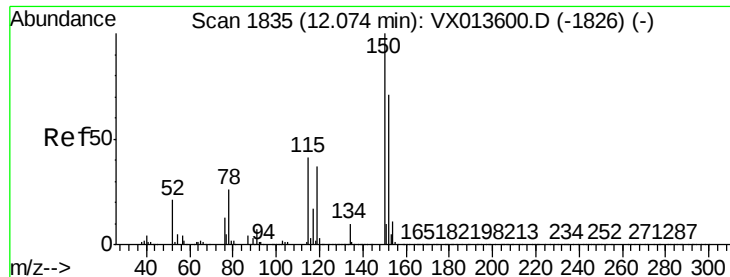
Tot Ion:104 Resp: 1045718
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 54.1 43.7 65.5



#71
Bromoform
Concen: 50.345 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion:173 Resp: 293989
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.1 0.2 0.4#



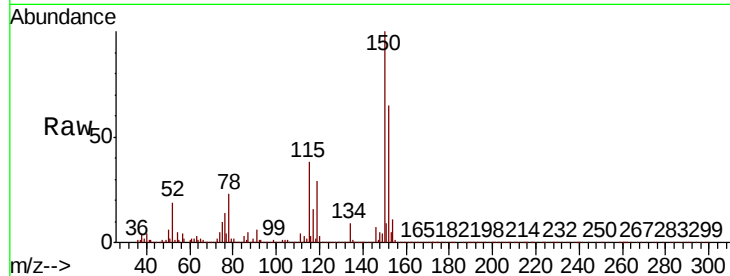


#72

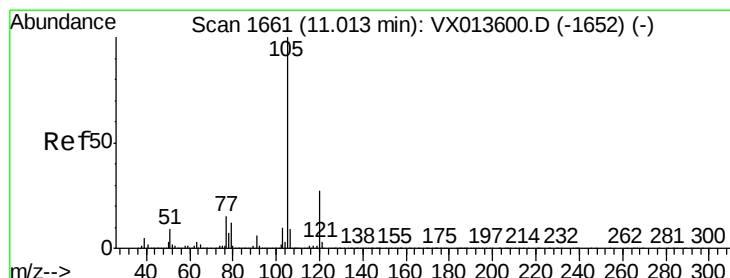
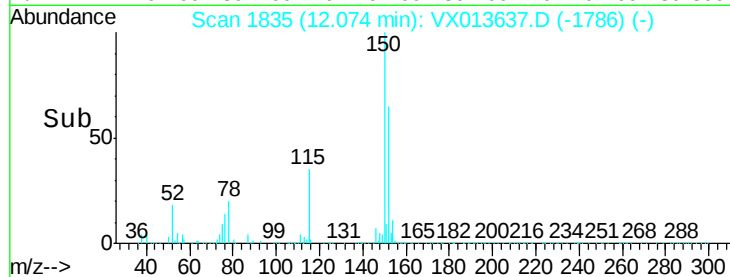
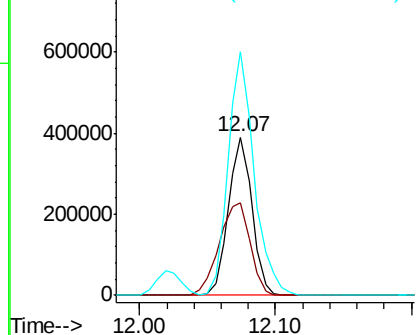
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	76.7	38.4	115.1
150	169.7	0.0	346.8



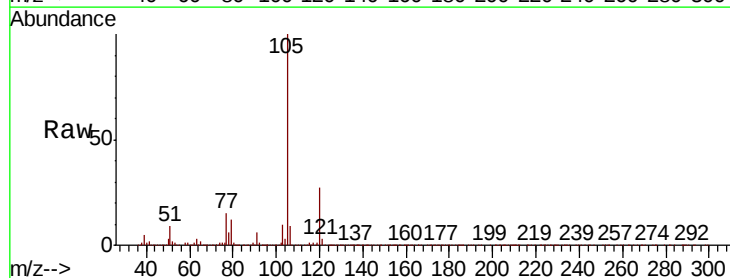
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



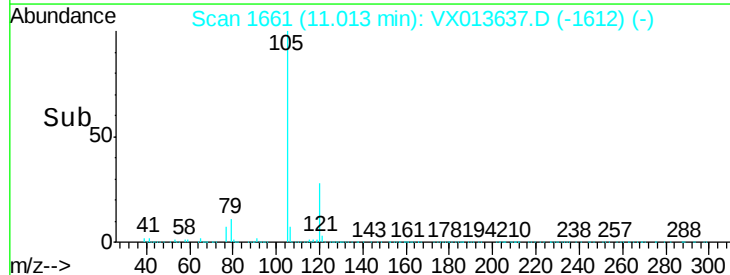
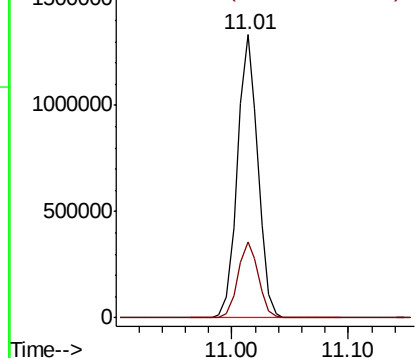
#73

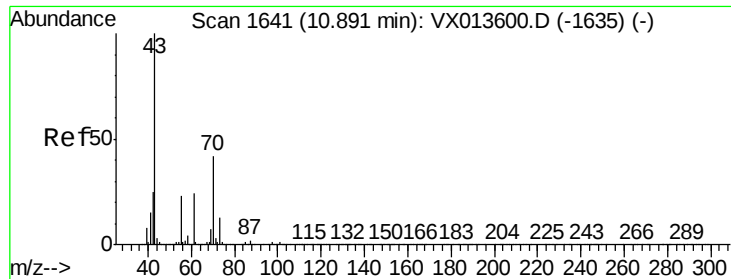
Isopropylbenzene
Concen: 49.521 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.5



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





#74

N-amvl acetate

Concen: 46.609 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 699715

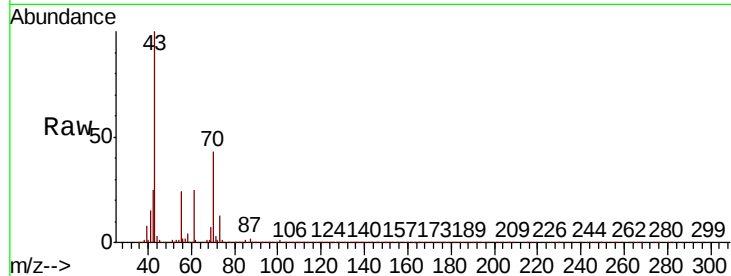
Ion Ratio Lower Upper

43 100

70 43.9 34.3 51.5

55 23.8 18.5 27.7

61 25.0 19.8 29.8

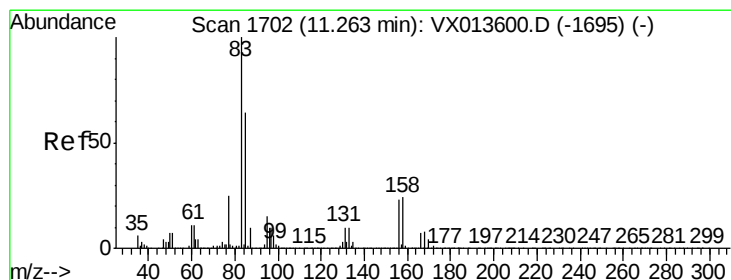
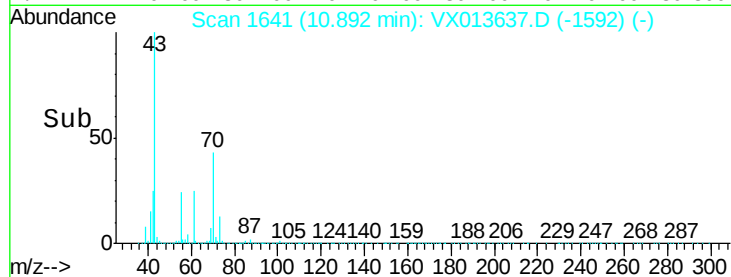
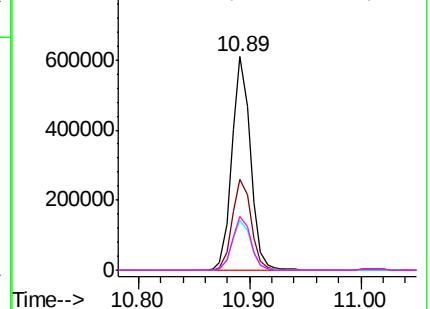


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 49.973 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

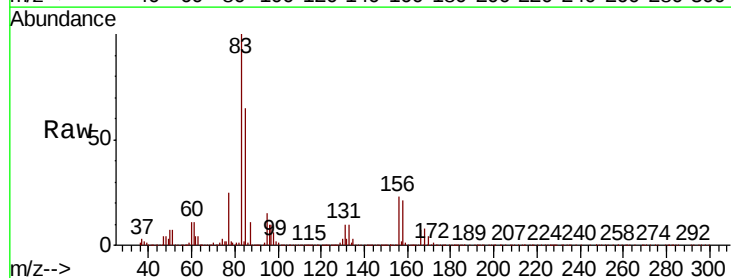
Tgt Ion: 83 Resp: 567950

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

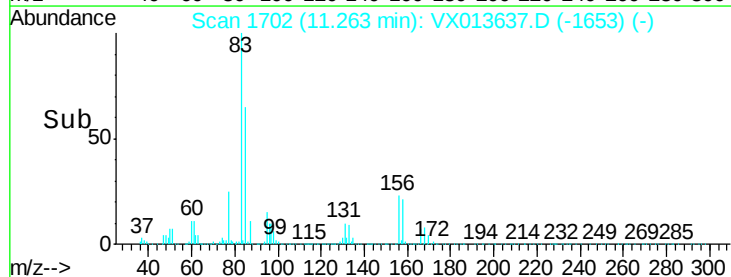
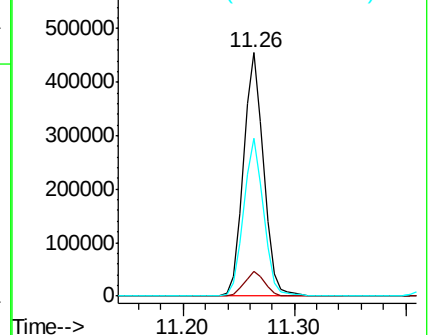
85 64.7 31.8 95.3

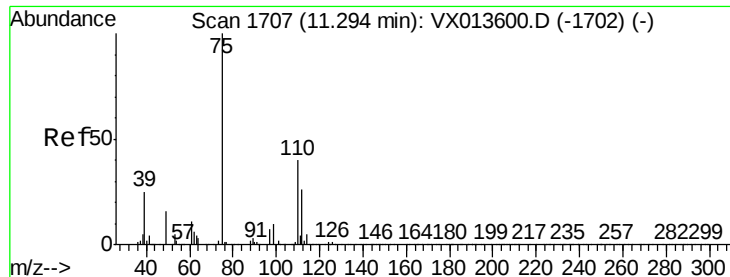


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



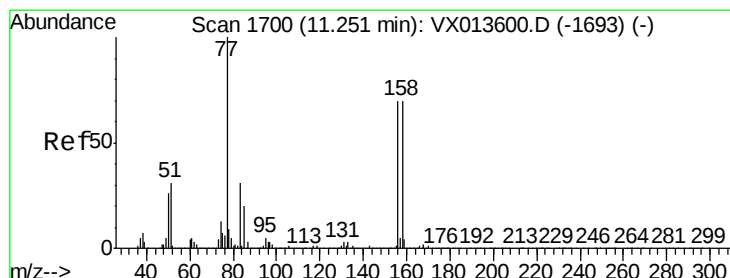
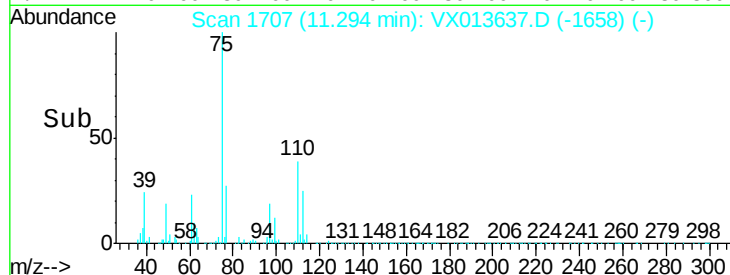
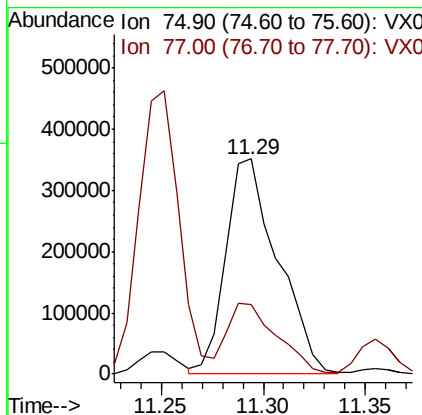
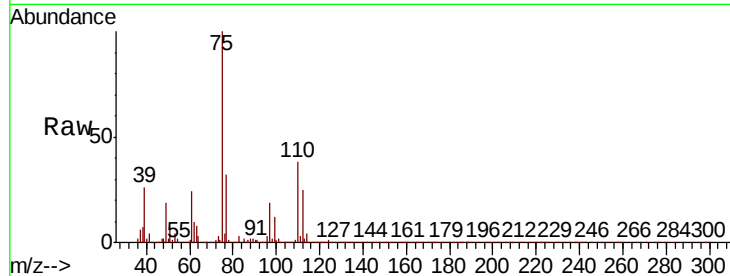


#76

1,2,3-Trichloropropane
Concen: 59.072 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :

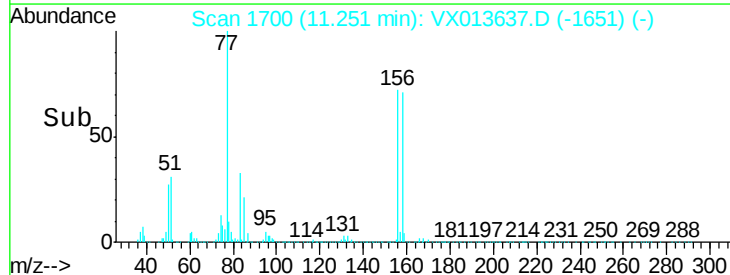
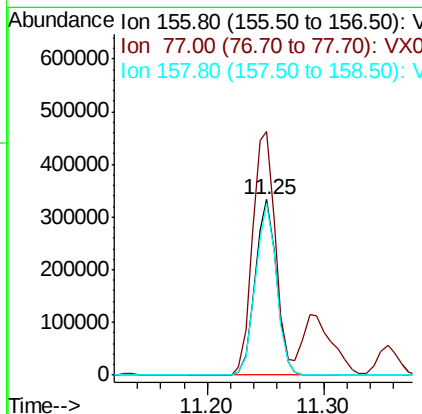
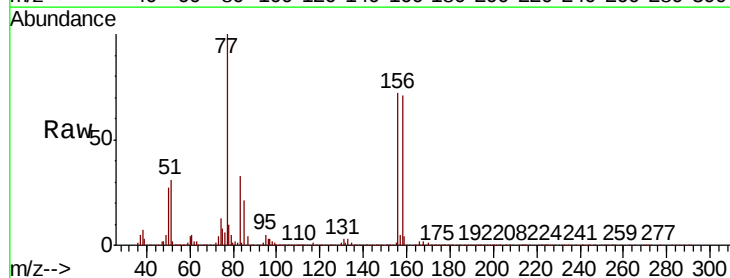
Tot Ion: 75 Resp: 620737
Ion Ratio Lower Upper
75 100
77 31.1 19.1 57.5

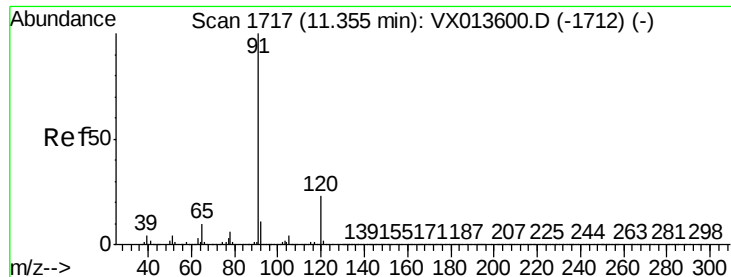


#77

Bromobenzene
Concen: 48.060 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 156 Resp: 425495
Ion Ratio Lower Upper
156 100
77 149.6 74.4 223.1
158 96.7 48.9 146.6





#78

n-propylbenzene

Concen: 49.775 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

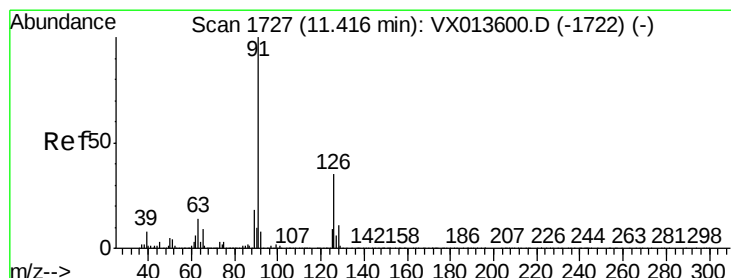
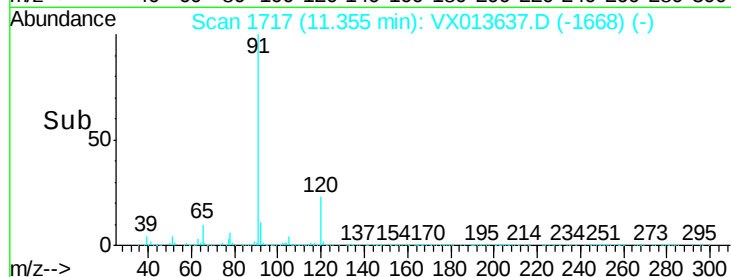
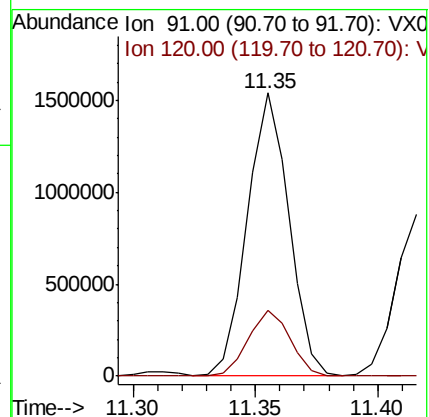
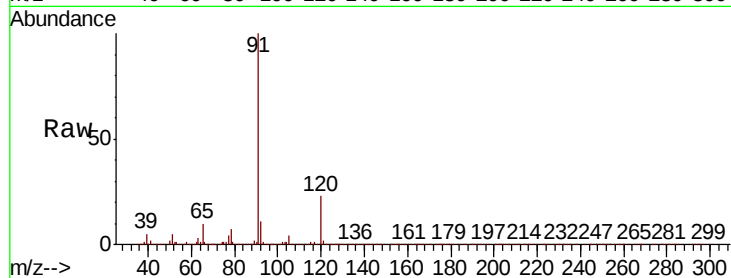
ClientSampleId :

Tot Ion: 91 Resp: 1820962

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.3



#79

2-Chlorotoluene

Concen: 48.967 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013637.D

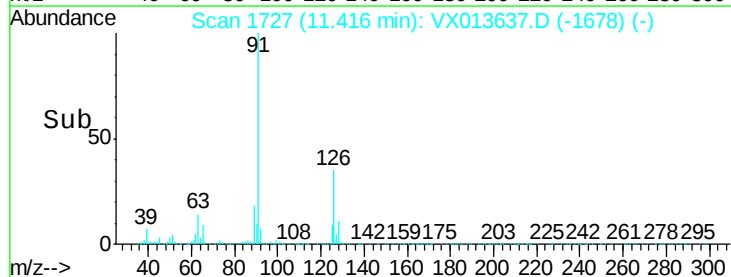
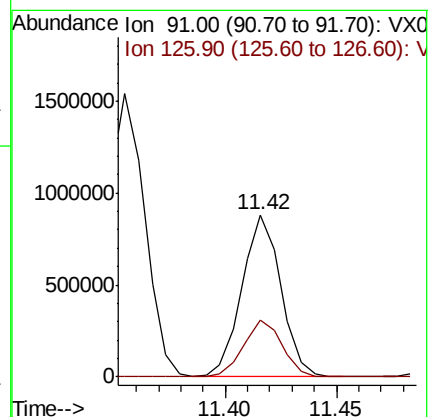
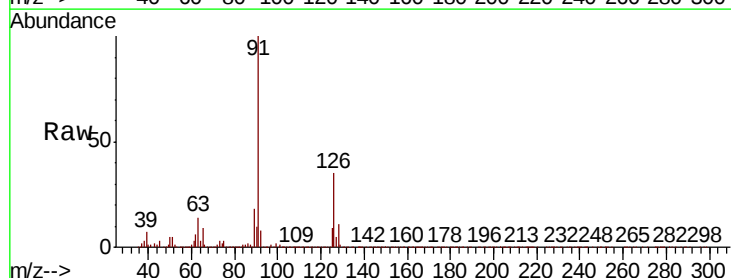
Acq: 27 Nov 2019 06:58

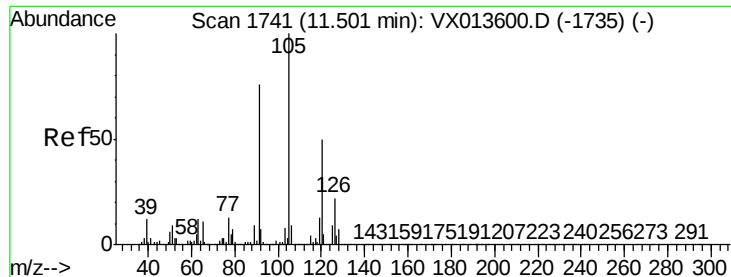
Tgt Ion: 91 Resp: 1074608

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5

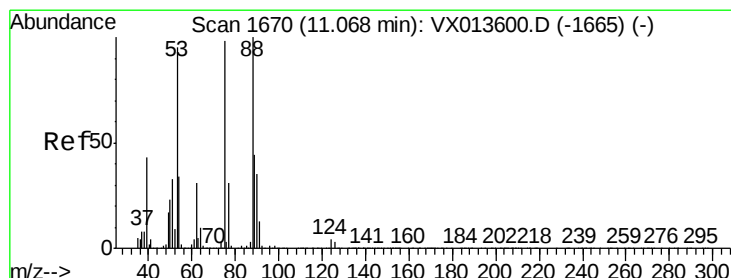
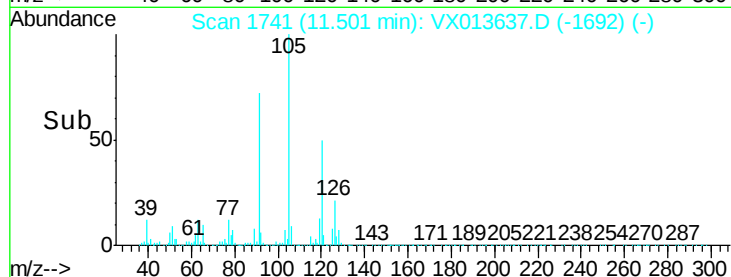
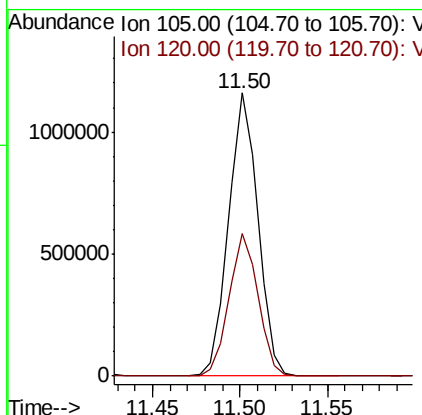
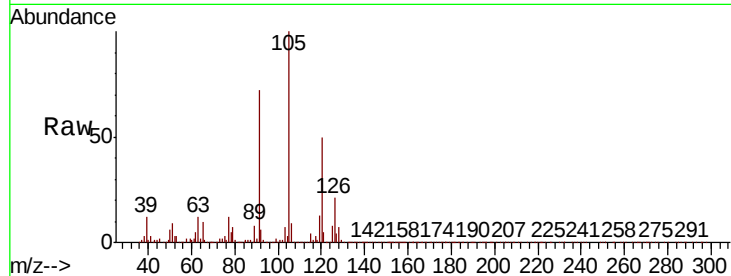




#80
 1,3,5-Trimethylbenzene
 Concen: 50.358 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

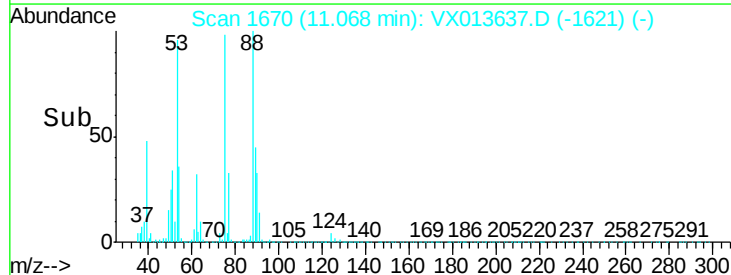
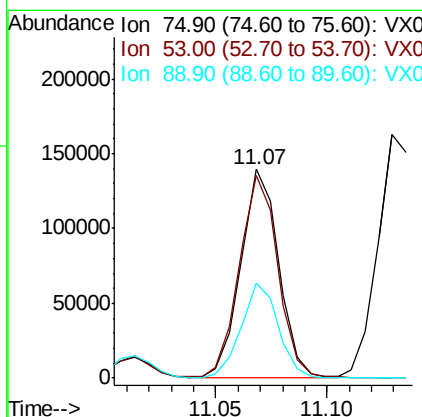
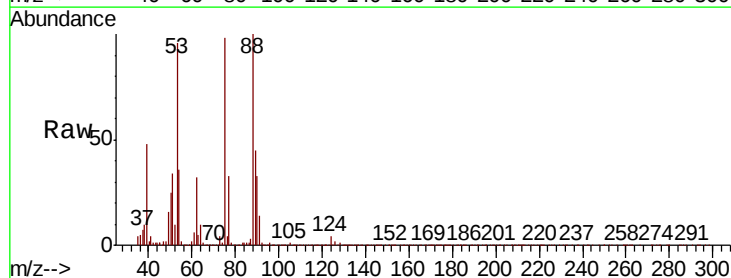
Instrument :
 MSVOA_X
 ClientSampleId :

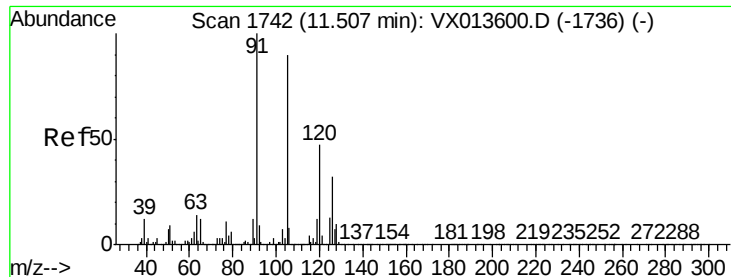
Tot Ion:105 Resp: 1352584
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.217 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion: 75 Resp: 165993
 Ion Ratio Lower Upper
 75 100
 53 98.7 78.2 117.2
 89 45.5 35.4 53.2





#82

4-Chlorotoluene

Concen: 48.452 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

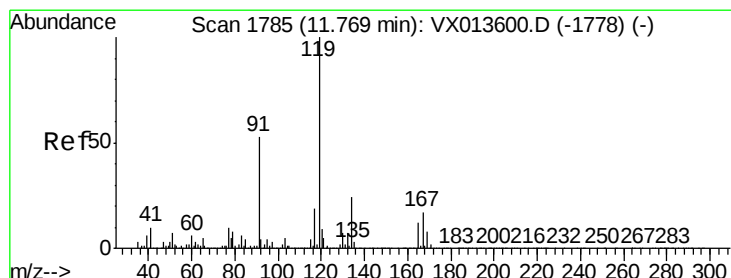
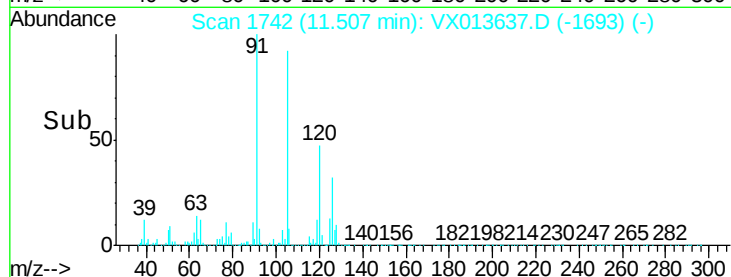
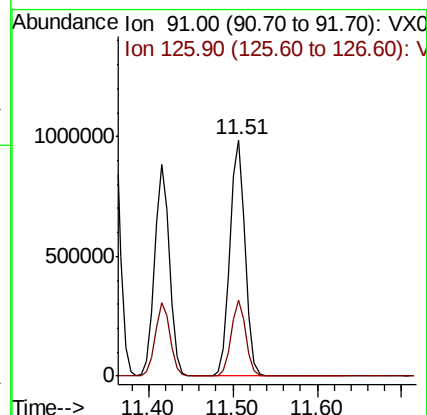
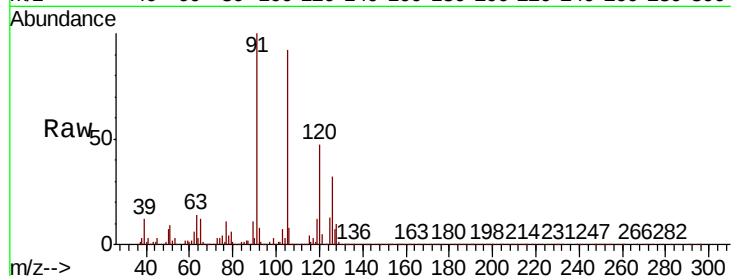
ClientSampled :

Tot Ion: 91 Resp: 1231546

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.0



#83

tert-Butylbenzene

Concen: 50.185 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

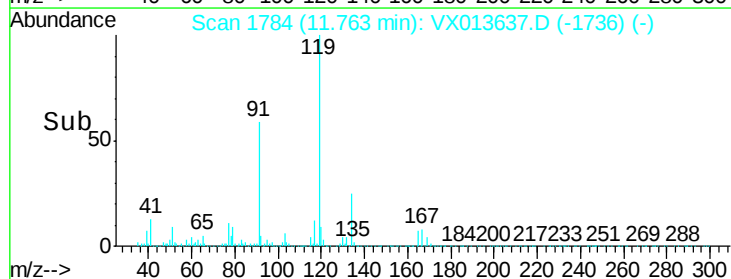
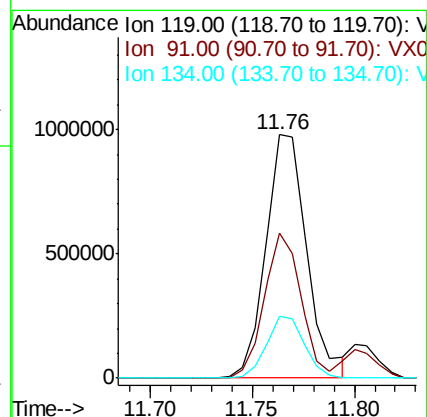
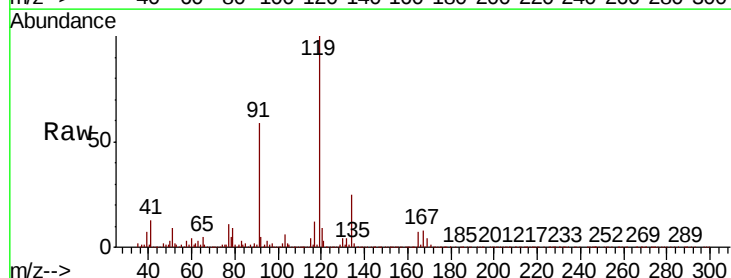
Tgt Ion: 119 Resp: 1369907

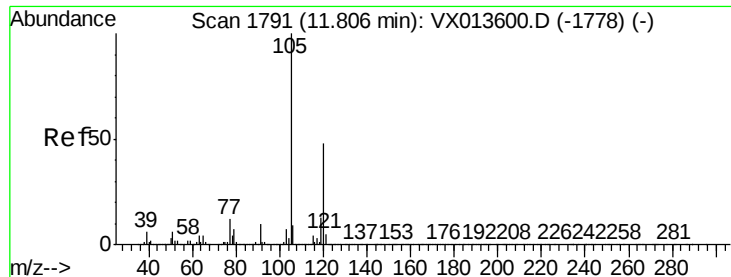
Ion Ratio Lower Upper

119 100

91 53.5 27.2 81.6

134 23.6 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 49.589 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

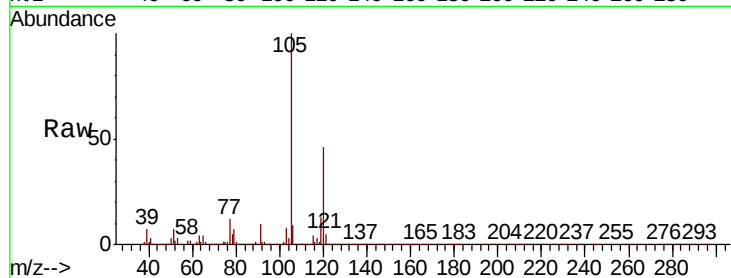
ClientSampleId :

Tot Ion:105 Resp: 1351802

Ion Ratio Lower Upper

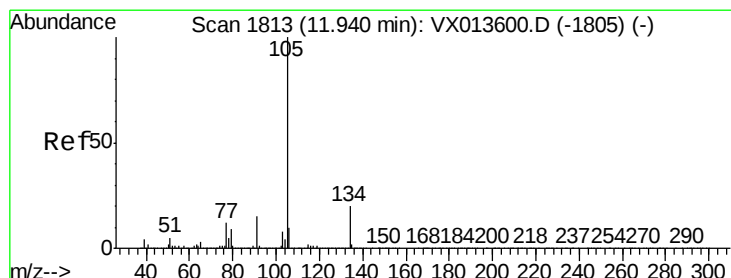
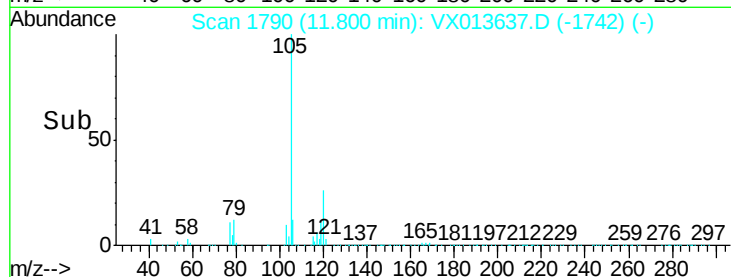
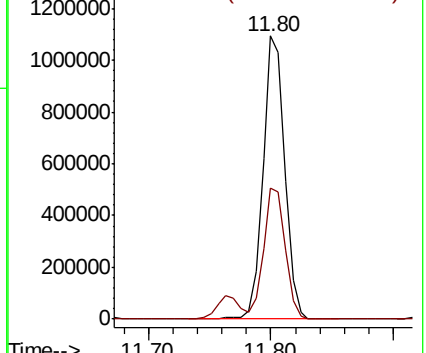
105 100

120 46.3 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: 49.127 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013637.D

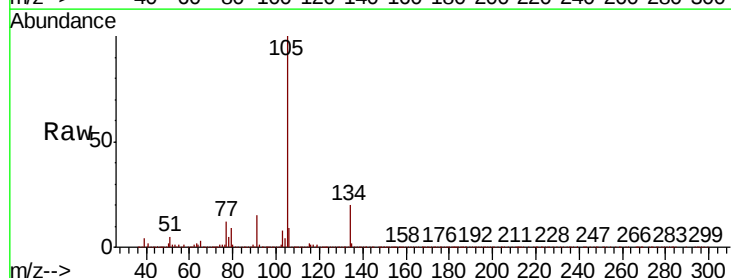
Acq: 27 Nov 2019 06:58

Tgt Ion:105 Resp: 1531761

Ion Ratio Lower Upper

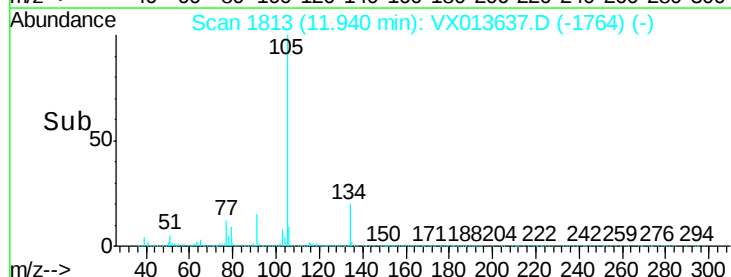
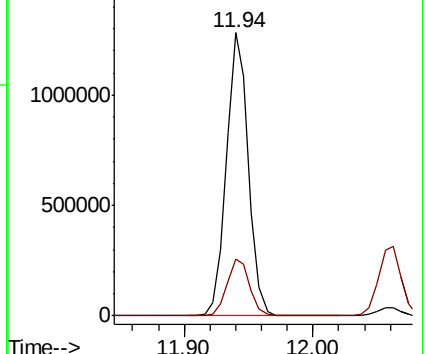
105 100

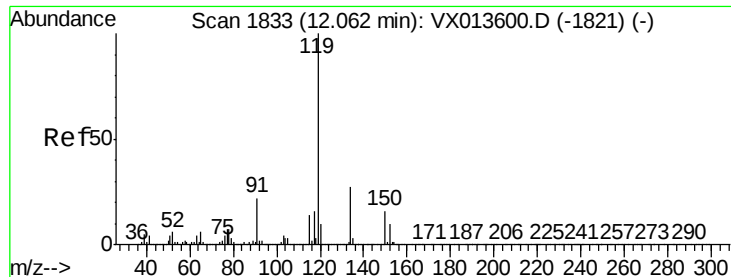
134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

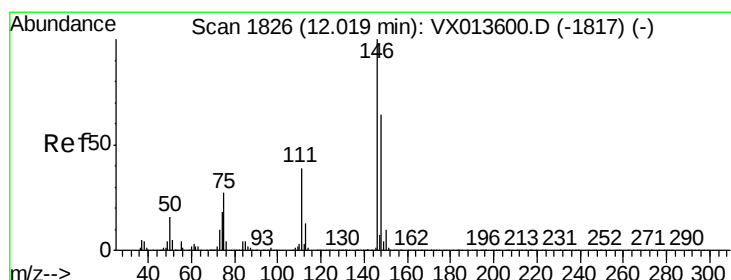
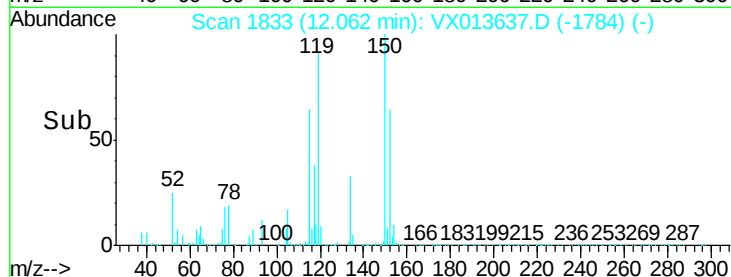
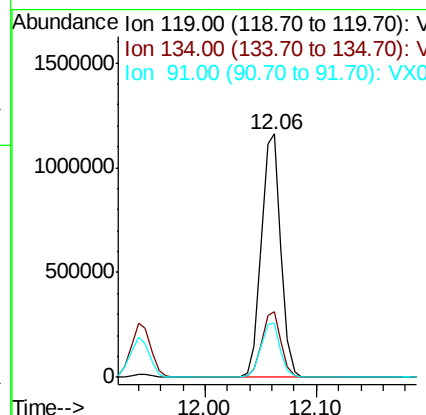
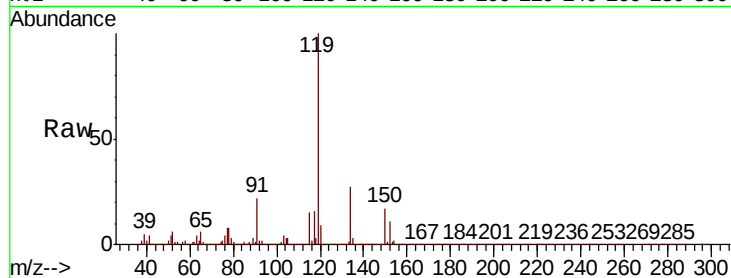




#86
p-Isopropyltoluene
Concen: 48.635 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

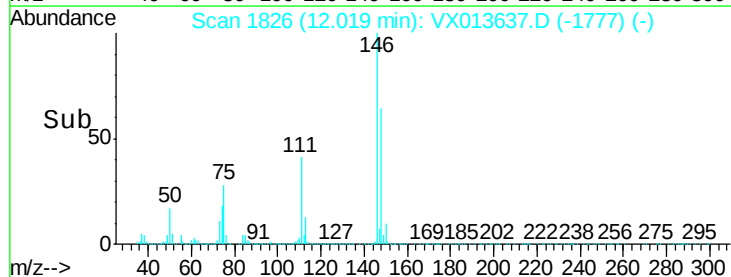
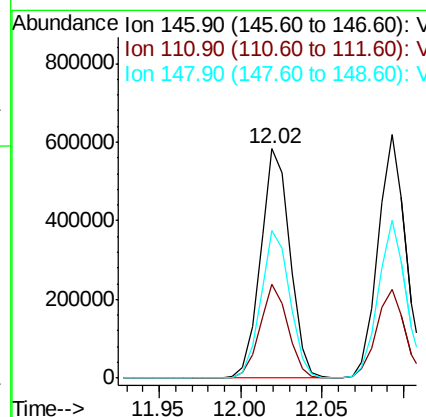
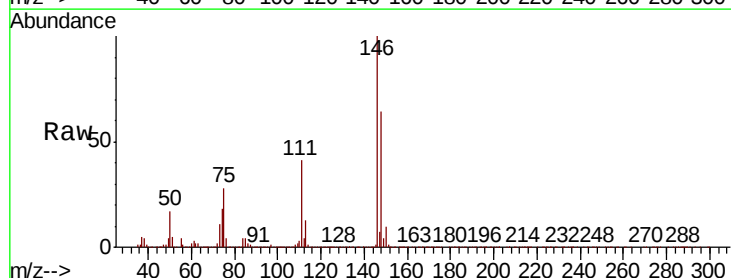
Instrument :
MSVOA_X
ClientSampleId :

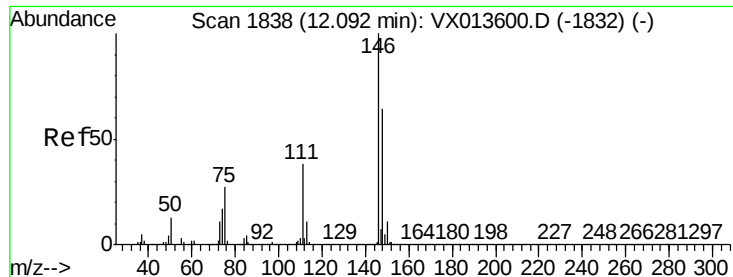
Tot Ion:119 Resp: 1410722
Ion Ratio Lower Upper
119 100
134 26.8 13.3 39.9
91 22.3 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 47.119 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion:146 Resp: 727183
Ion Ratio Lower Upper
146 100
111 39.1 19.0 57.0
148 64.2 31.8 95.4

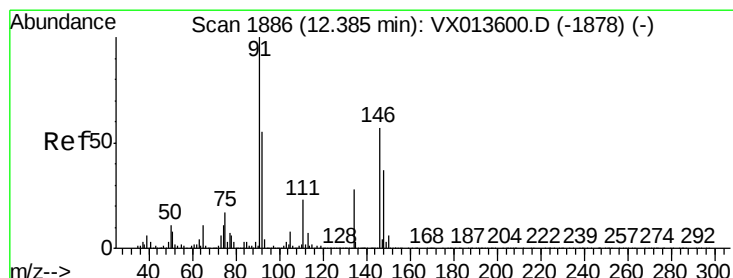
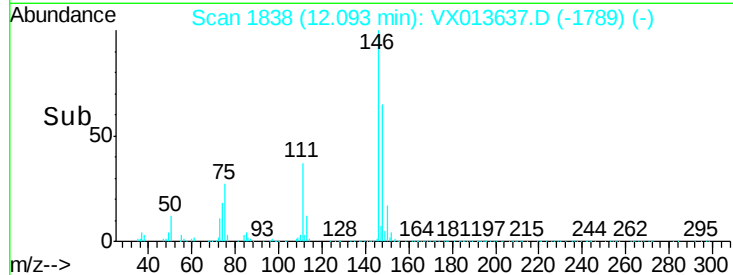
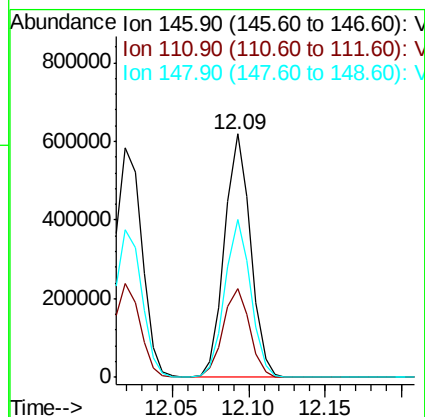
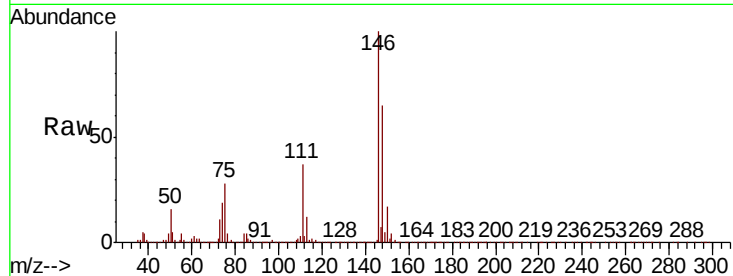




#88
 1,4-Dichlorobenzene
 Concen: 46.344 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

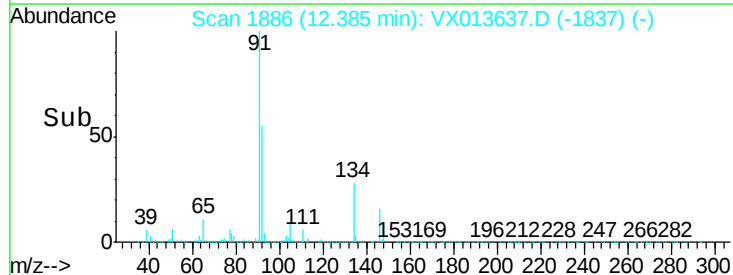
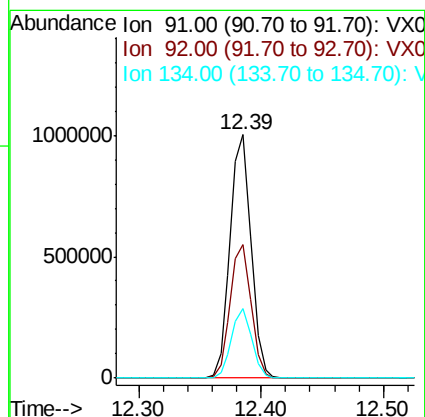
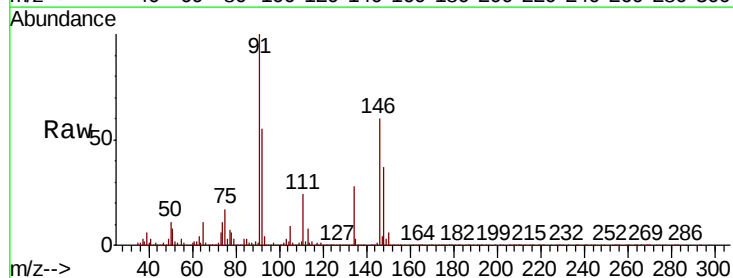
Instrument :
 MSVOA_X
 ClientSampleId :

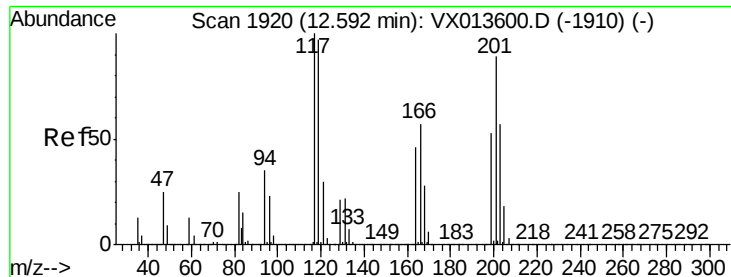
Tot Ion:146 Resp: 728505
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.9
 148 64.6 31.9 95.5



#89
 n-Butylbenzene
 Concen: 47.827 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion: 91 Resp: 1183219
 Ion Ratio Lower Upper
 91 100
 92 54.9 27.4 82.2
 134 27.5 13.5 40.4

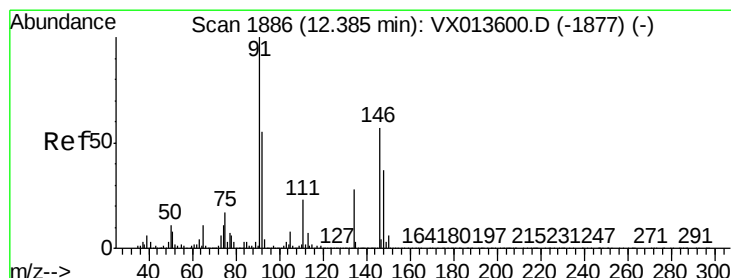
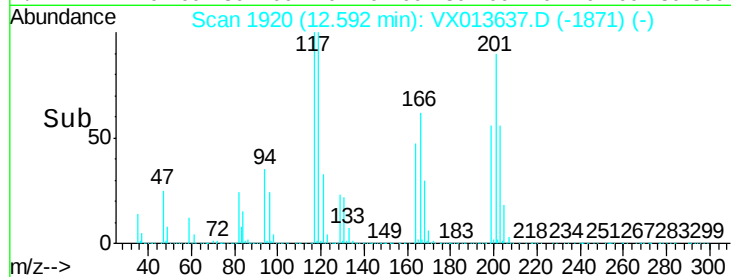
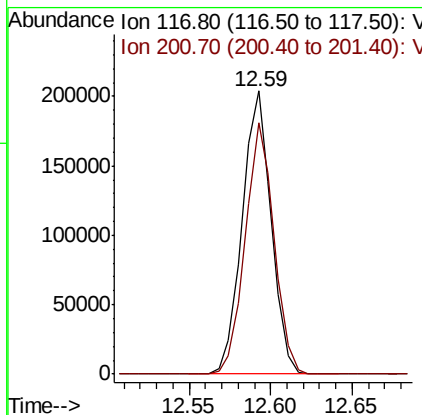
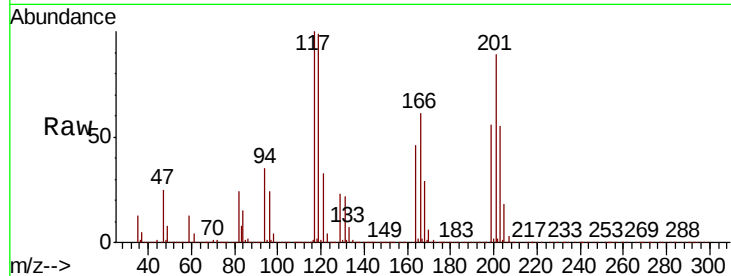




#90
Hexachloroethane
Concen: 48.059 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

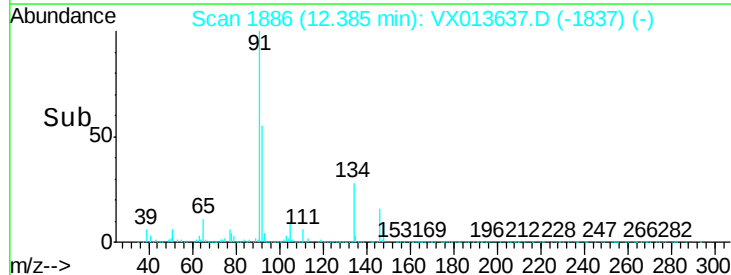
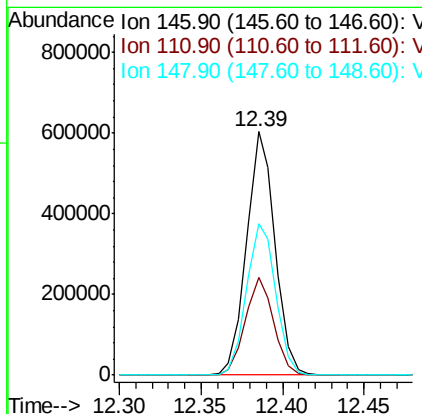
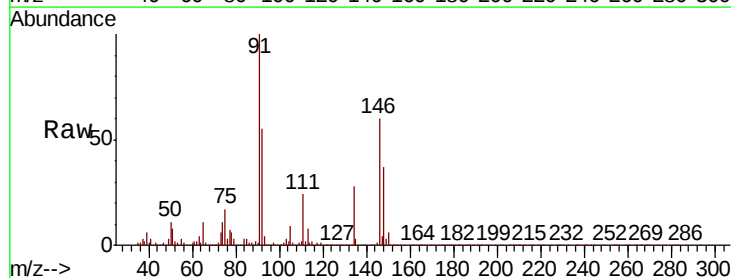
Instrument :
MSVOA_X
ClientSampleId :

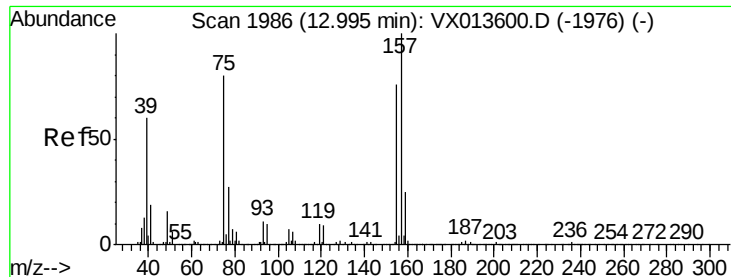
Tot Ion:117 Resp: 251967
Ion Ratio Lower Upper
117 100
201 88.6 44.1 132.4



#91
1,2-Dichlorobenzene
Concen: 48.128 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion:146 Resp: 733881
Ion Ratio Lower Upper
146 100
111 39.8 19.6 58.7
148 64.2 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.353 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

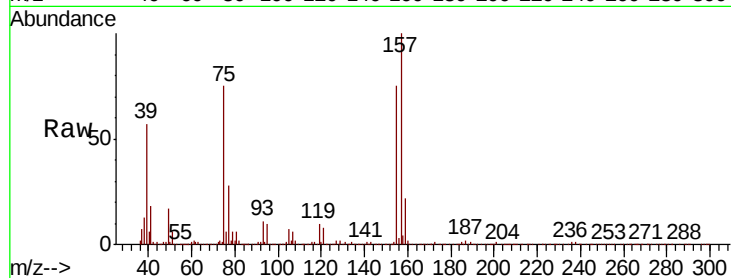
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 119670

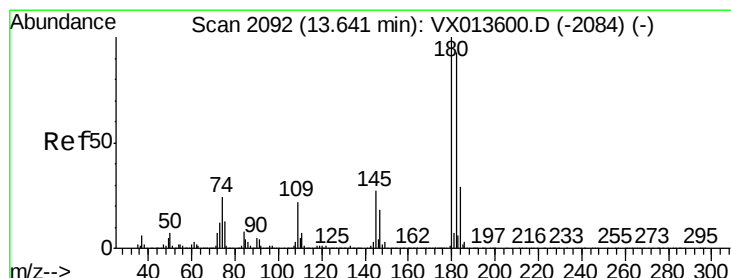
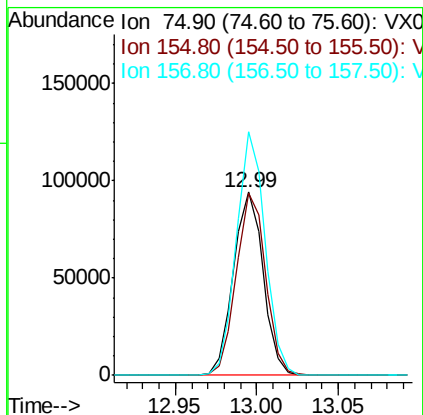
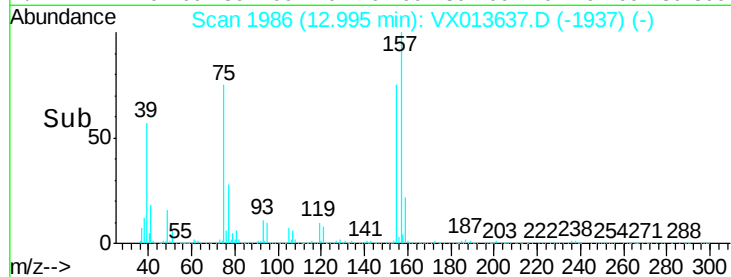
Ion	Ratio	Lower	Upper
75	100		
155	98.4	47.6	142.8
157	128.6	62.1	186.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 46.383 ug/l

RT: 13.64 min Scan# 2092

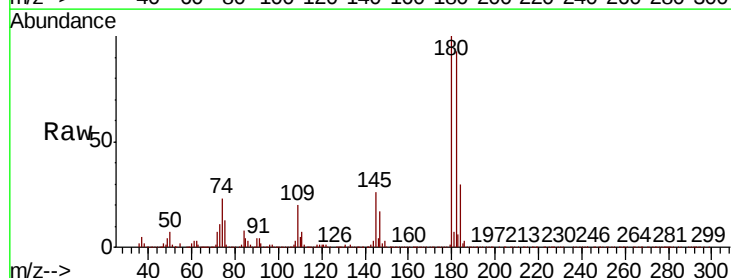
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion:180 Resp: 492915

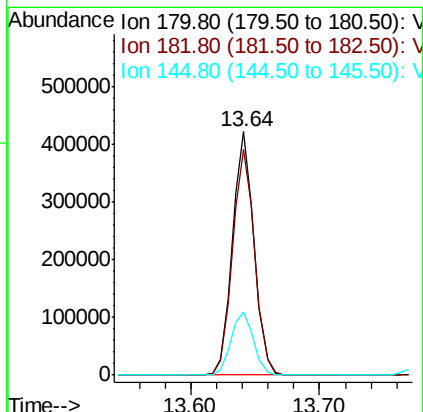
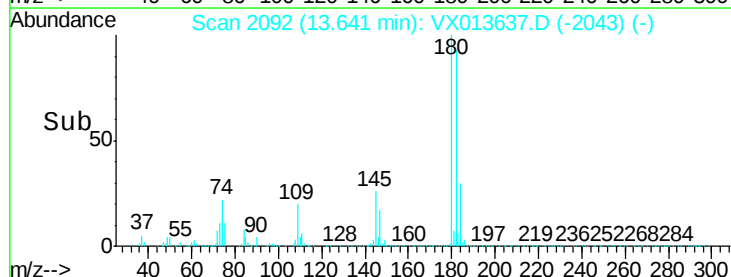
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.2	141.6
145	27.0	13.8	41.4

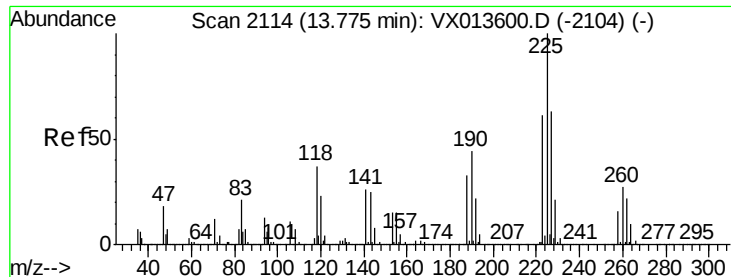


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 43.386 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

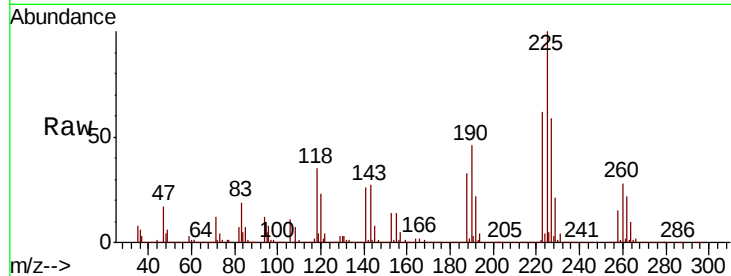
Tot Ion:225 Resp: 221485

Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.5

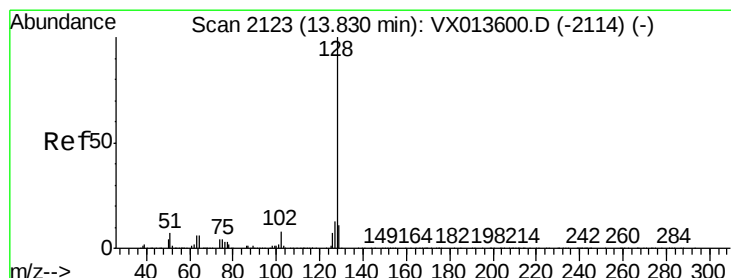
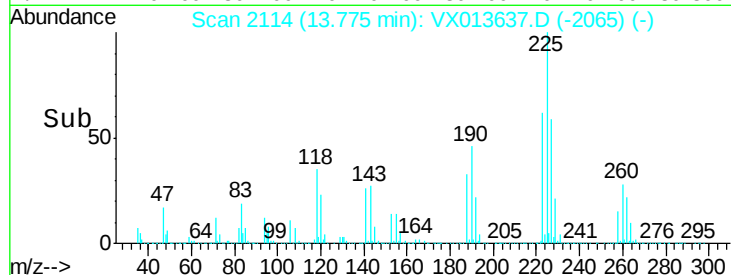
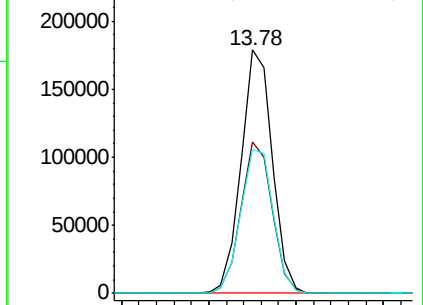
227 62.4 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.955 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

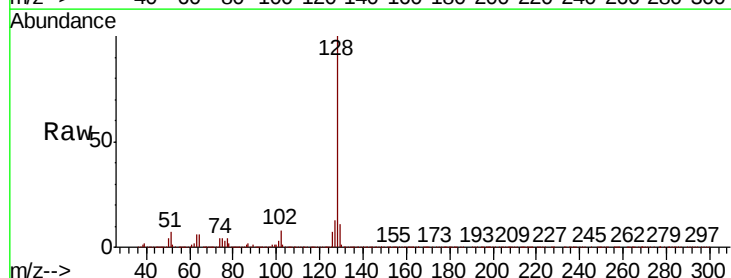
Tgt Ion:128 Resp: 1549332

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

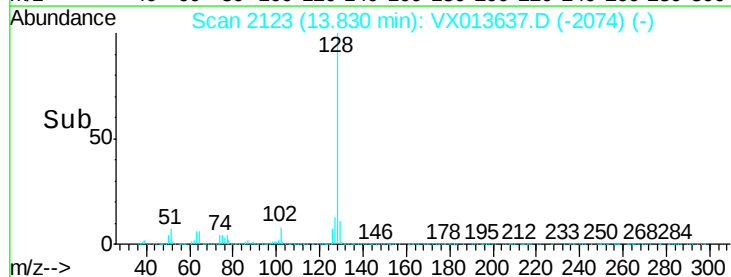
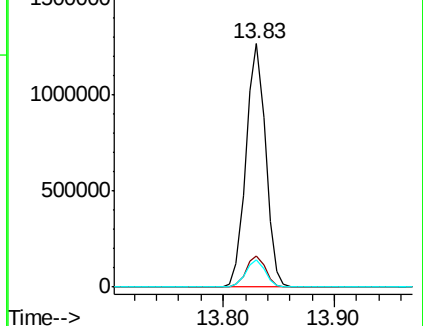
129 11.1 8.7 13.1

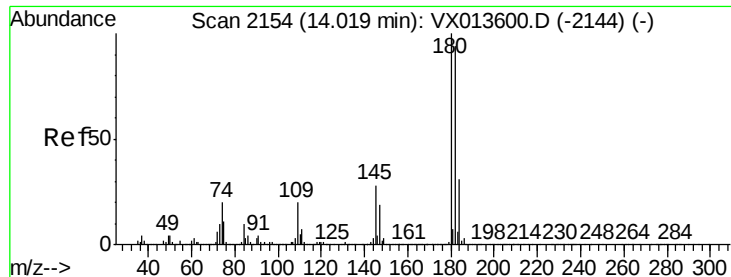


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

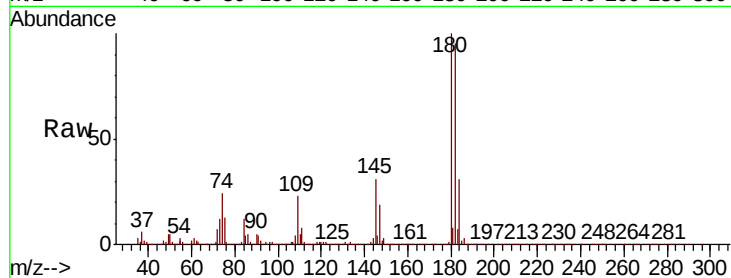




#96
 1,2,3-Trichlorobenzene
 Concen: 47.441 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.6	142.8
145	30.0	15.0	45.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

