

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 :
 GR-OF-20191121MS

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

33) 1,2-Dichloroethane-d4	6.05	65	368652	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	5.49	113	306905	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1173958	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.14	95	421782	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						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 Title : SW846 8260
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 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) Stvrene	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

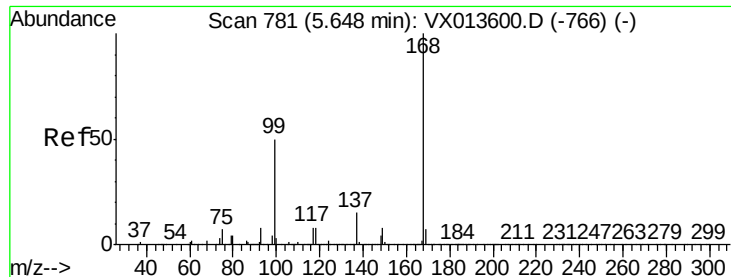
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112619\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

ClientSampleId :

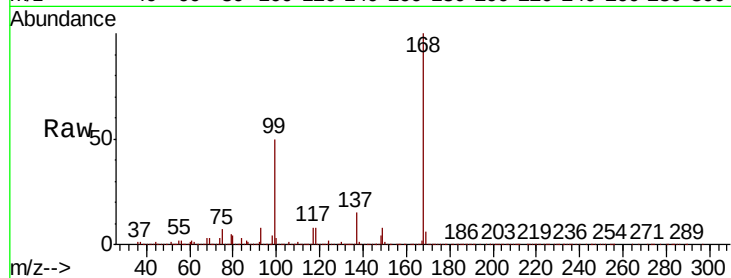
GR-OF-20191121MS

Tot Ion:168 Resp: 672619

Ion Ratio Lower Upper

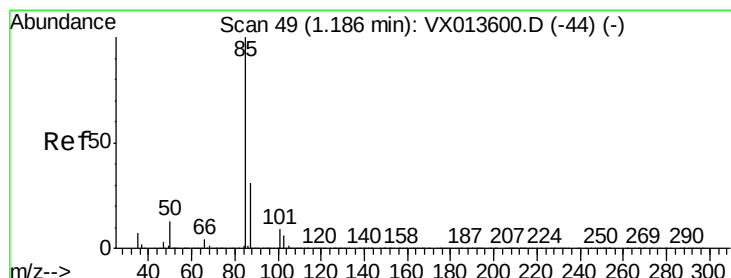
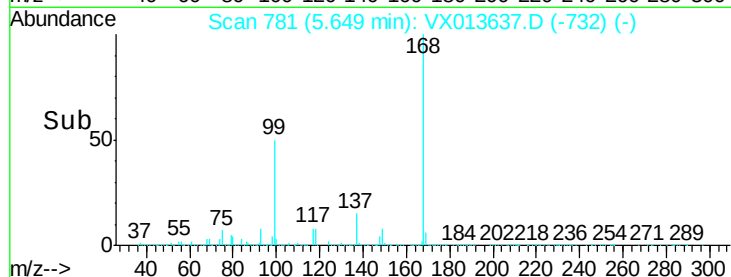
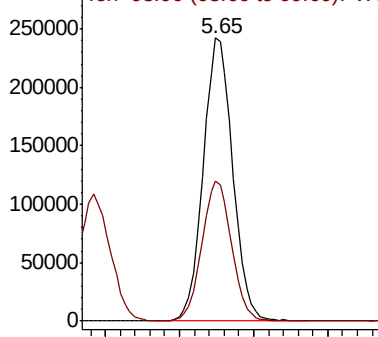
168 100

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



#2

Dichlorodifluoromethane

Concen: 51.041 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013637.D

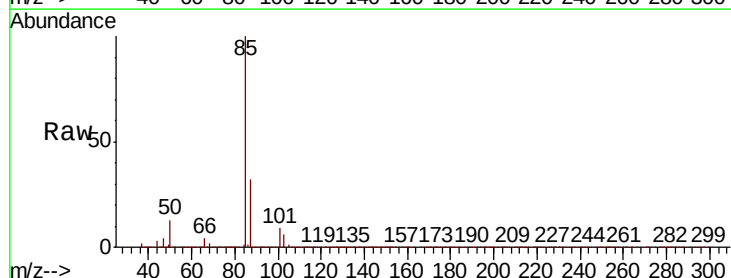
Acq: 27 Nov 2019 06:58

Tgt Ion: 85 Resp: 382129

Ion Ratio Lower Upper

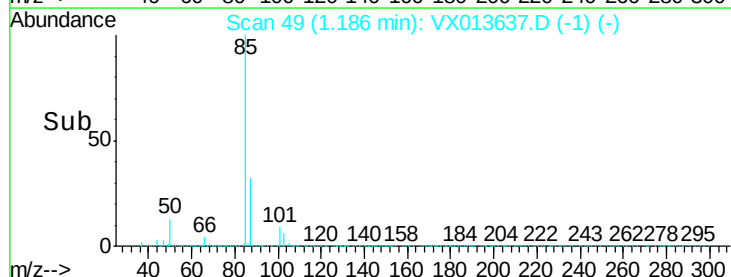
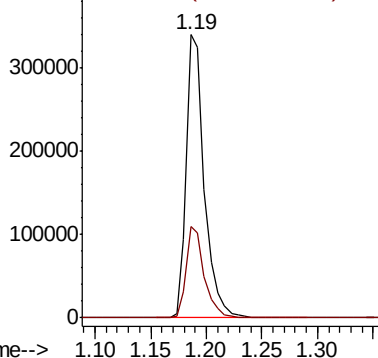
85 100

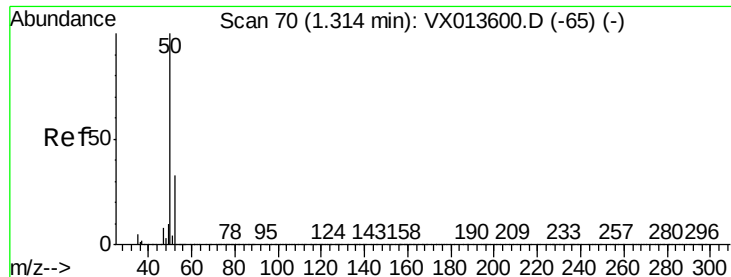
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

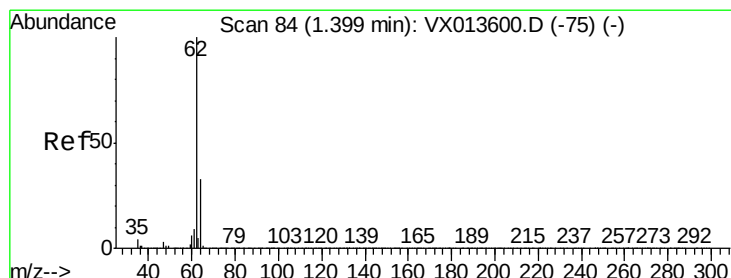
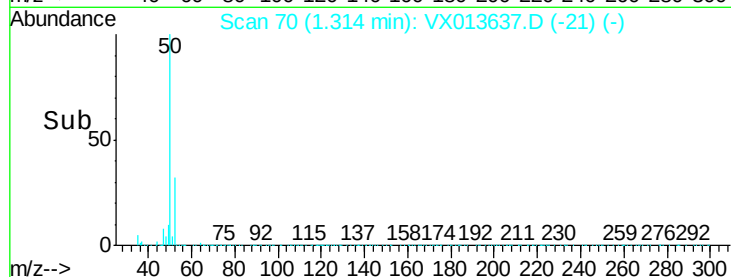
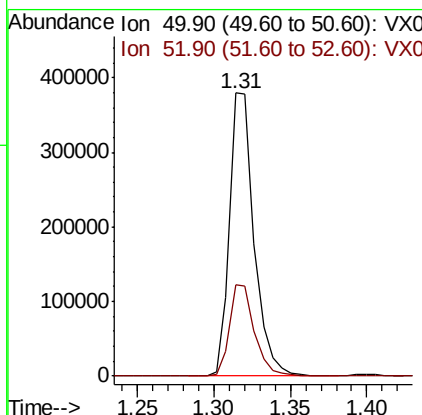
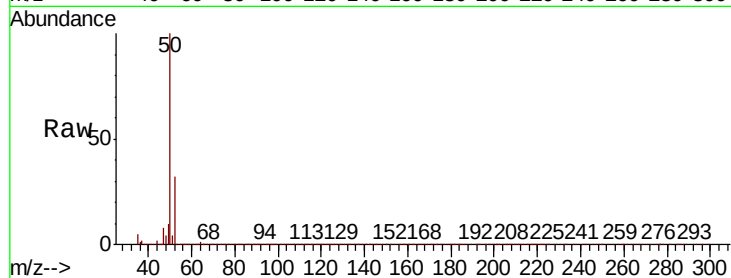




#3
Chloromethane
Concen: 50.153 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

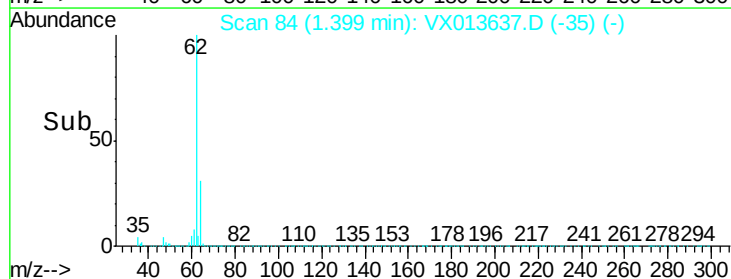
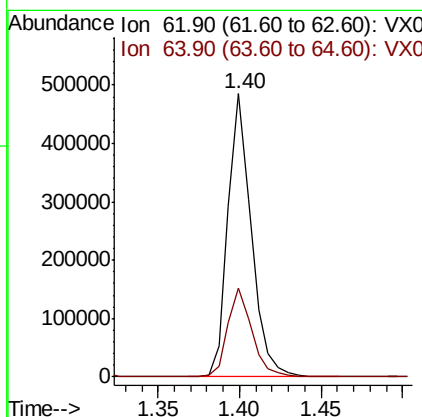
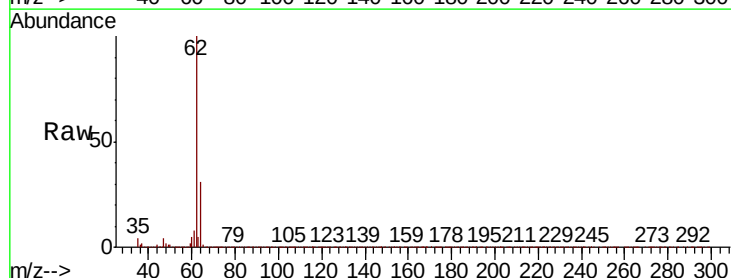
Instrument :
MSVOA_X
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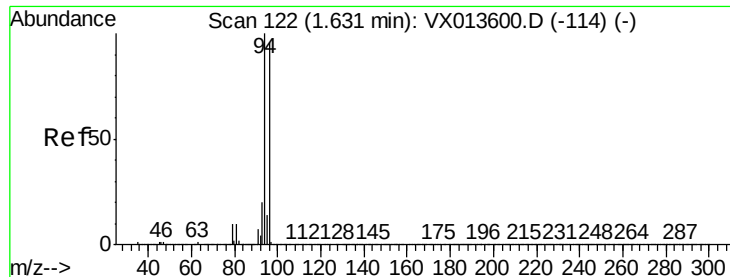
Tot Ion: 50 Resp: 421314
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0



#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 :

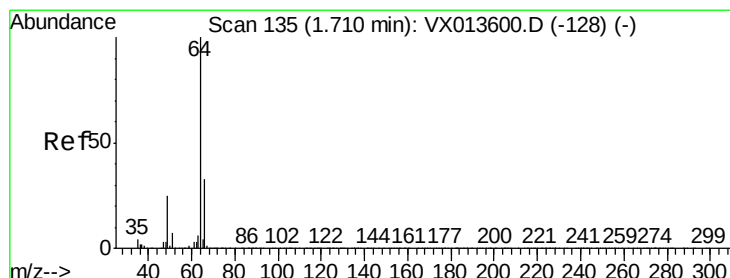
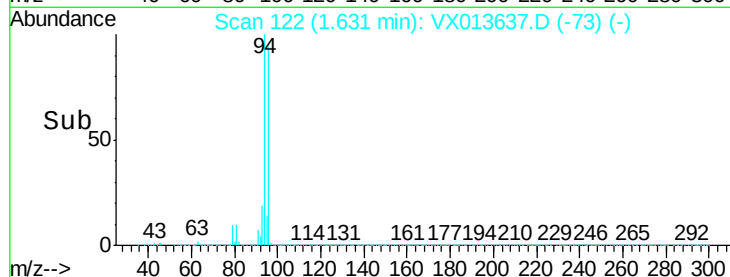
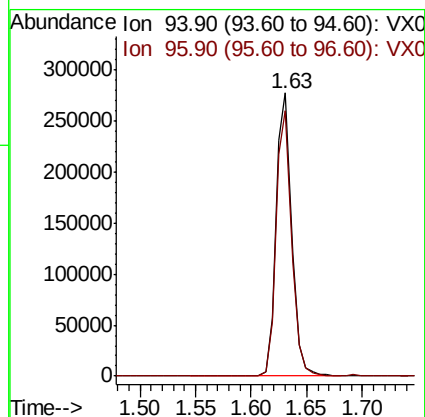
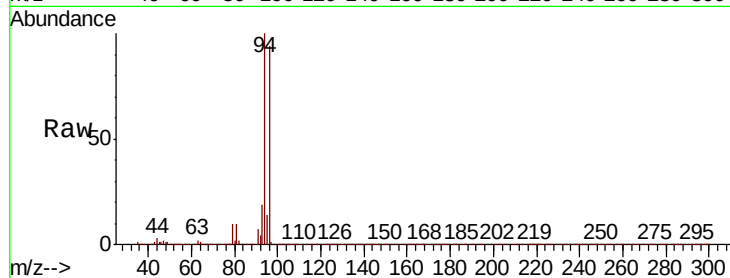
GR-OF-20191121MS

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

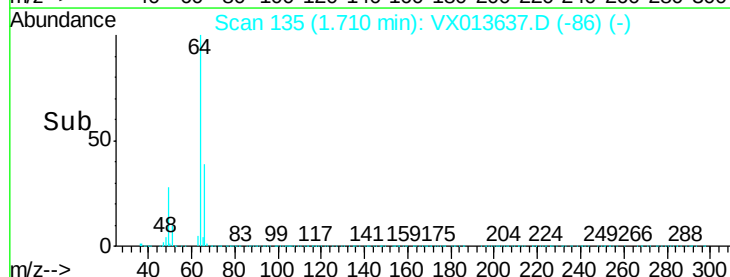
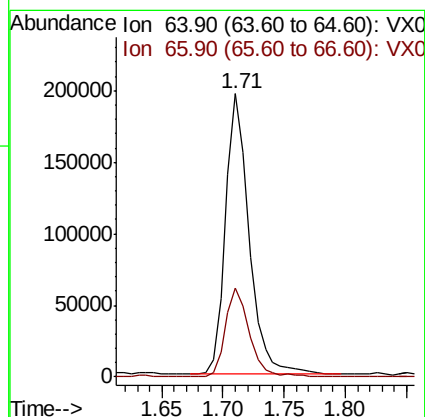
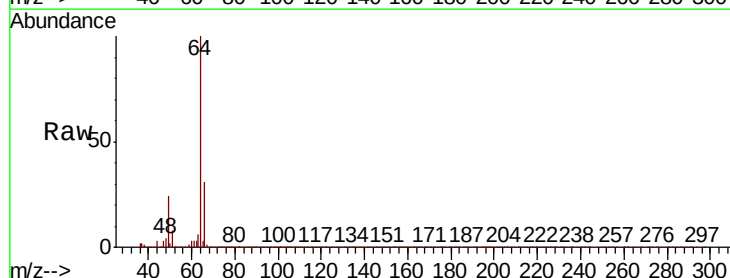
Acq: 27 Nov 2019 06:58

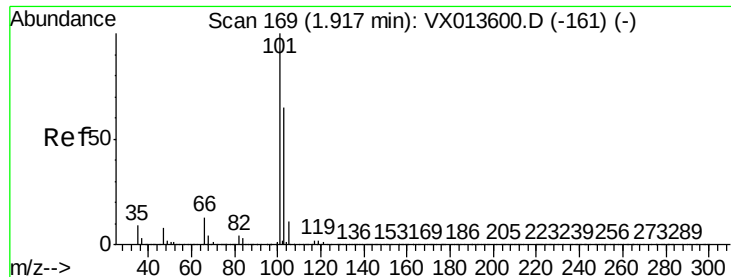
Tgt Ion: 64 Resp: 262244

Ion Ratio Lower Upper

64 100

66 31.5 26.7 40.1



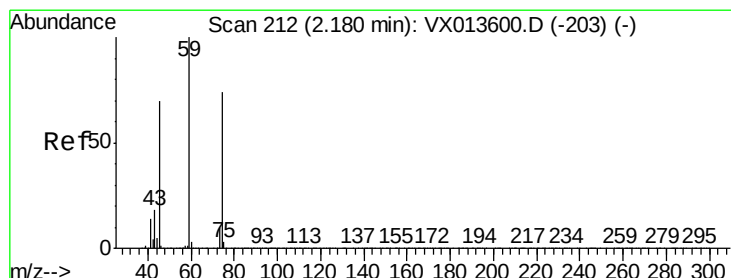
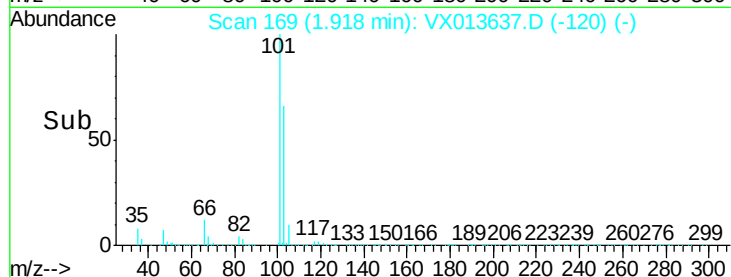
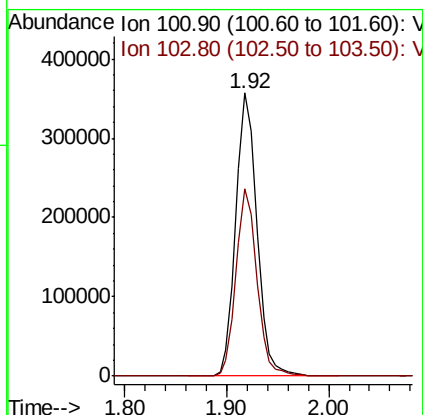
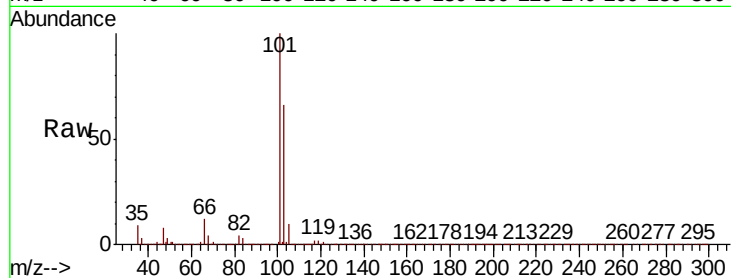


#7

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 :
GR-OF-20191121MS

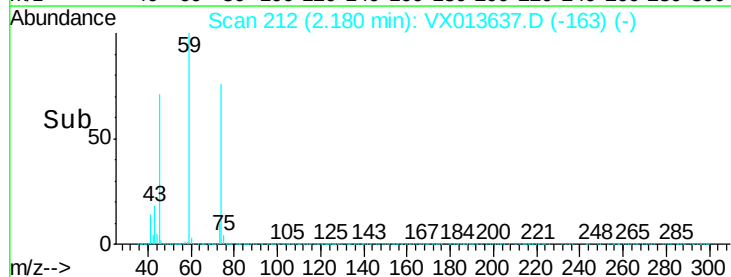
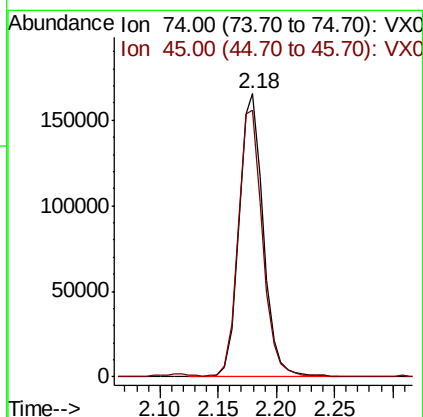
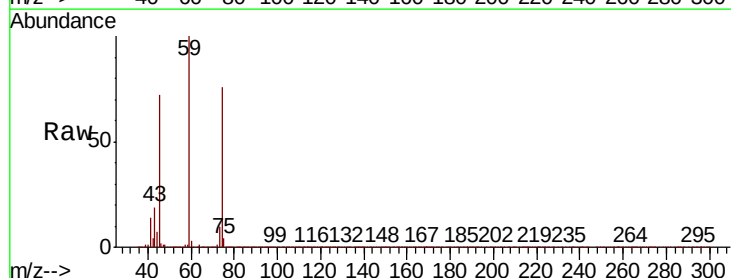
Tot Ion:101 Resp: 509920
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.6

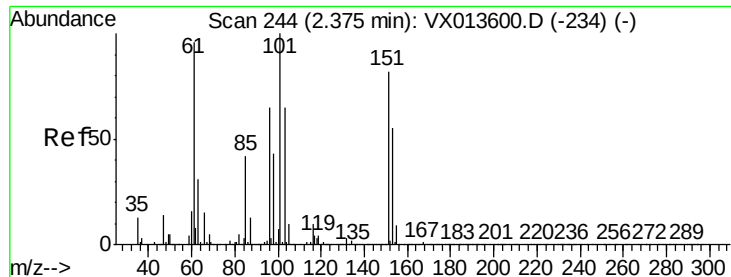


#8

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 :

GR-OF-20191121MS

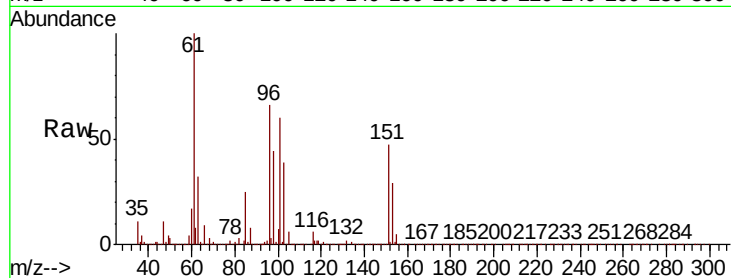
Tot Ion:101 Resp: 304729

Ion Ratio Lower Upper

101 100

85 41.7 33.9 50.9

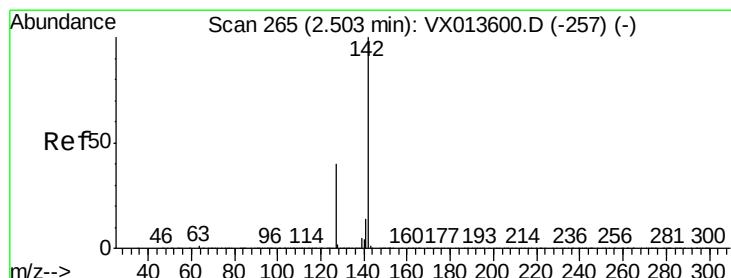
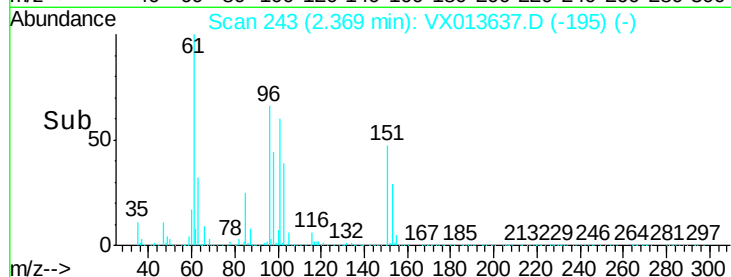
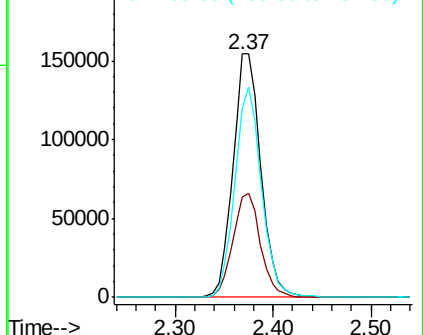
151 82.7 64.2 96.2



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

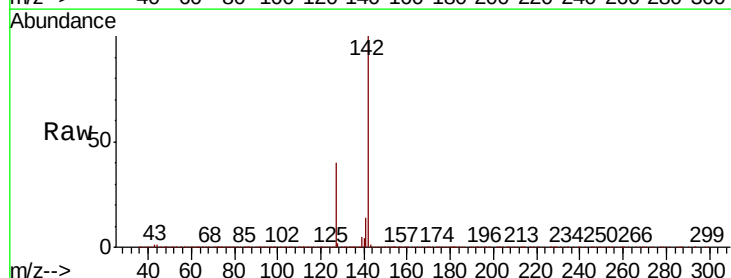
Tgt Ion:142 Resp: 415289

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

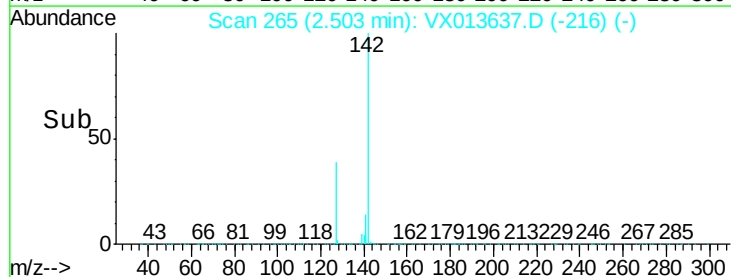
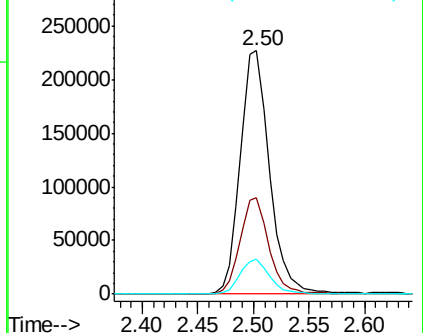
141 14.6 11.6 17.4

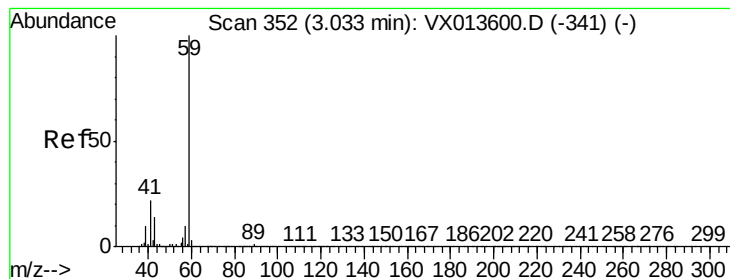


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



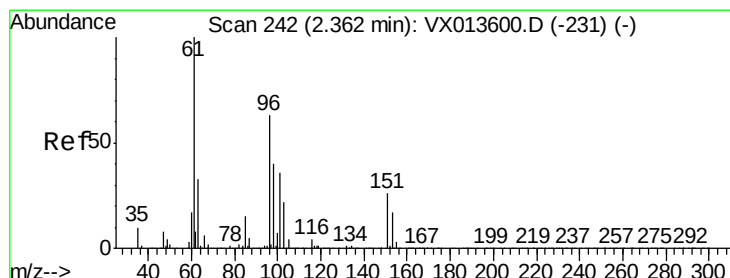
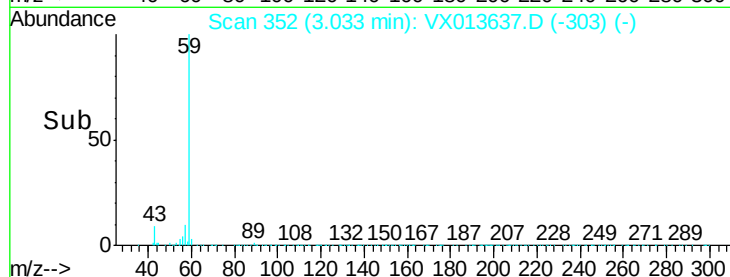
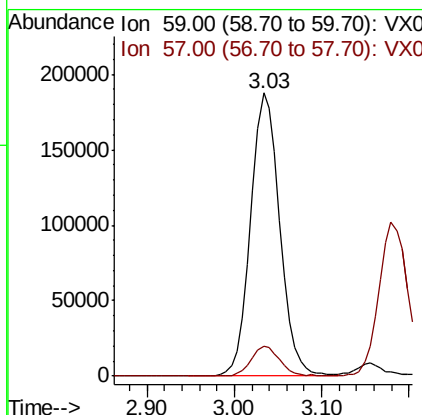
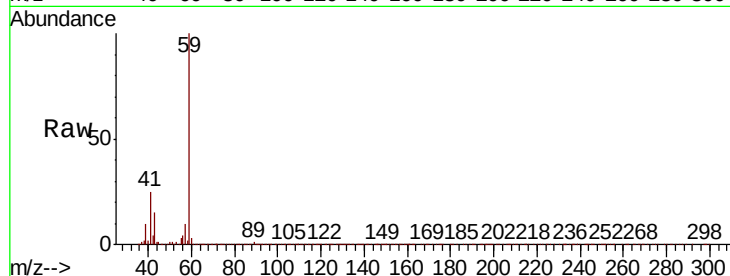


#11

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 :
GR-OF-20191121MS

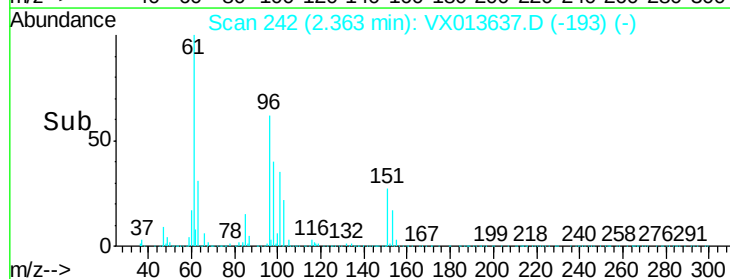
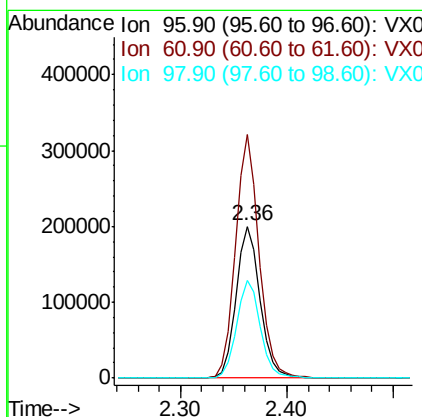
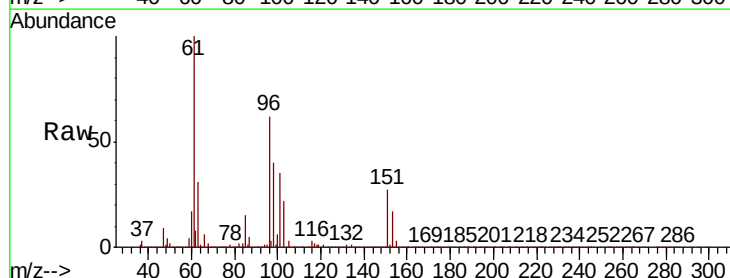
Tot Ion: 59 Resp: 436554
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.6

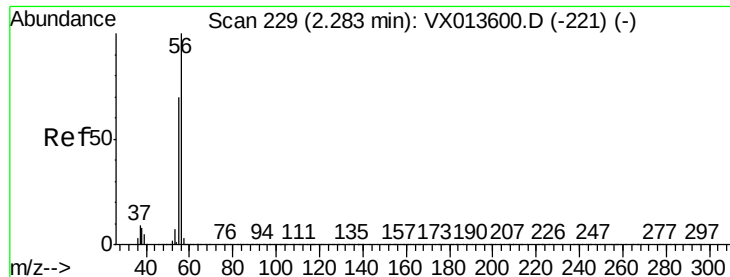


#12

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

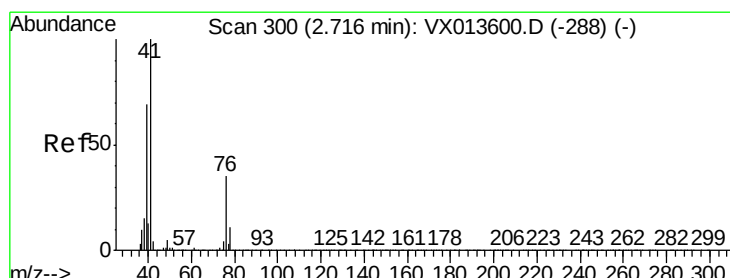
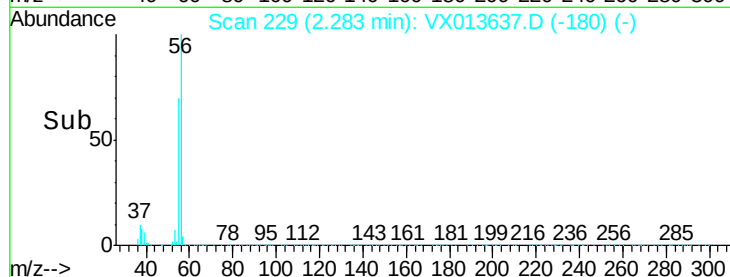
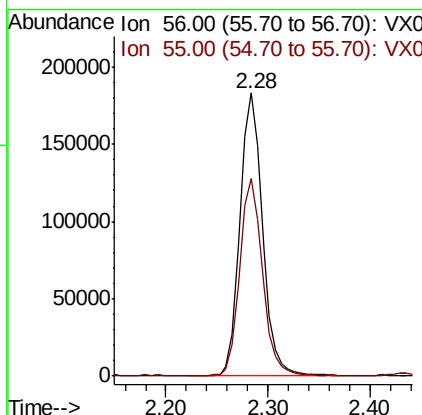
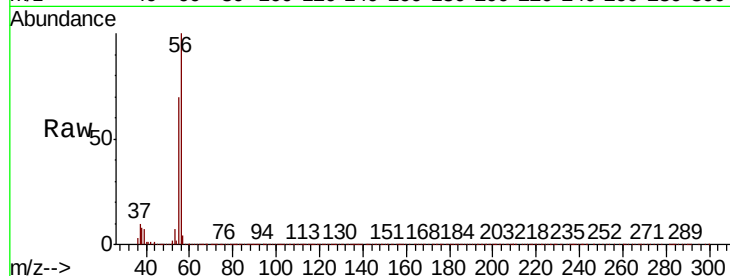




#13
Acrolein
Concen: 217.281 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

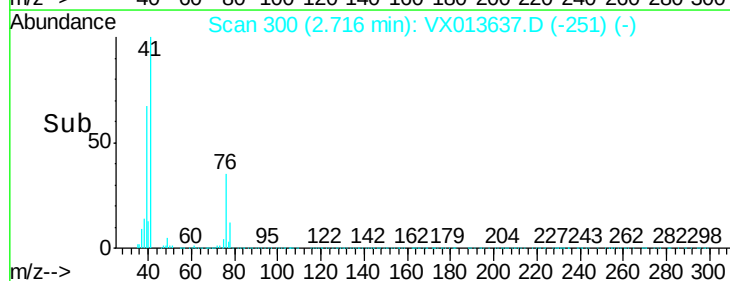
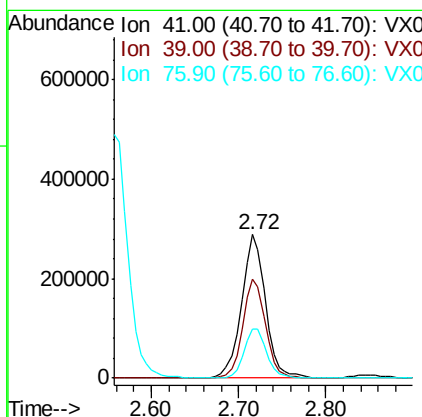
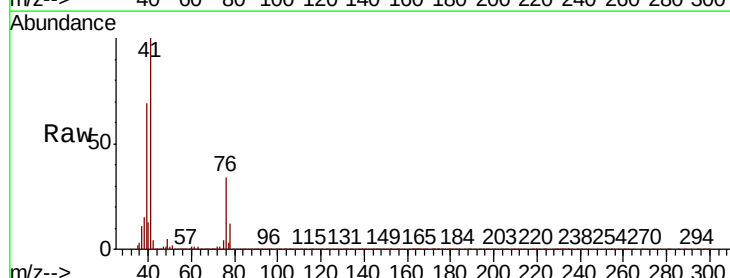
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

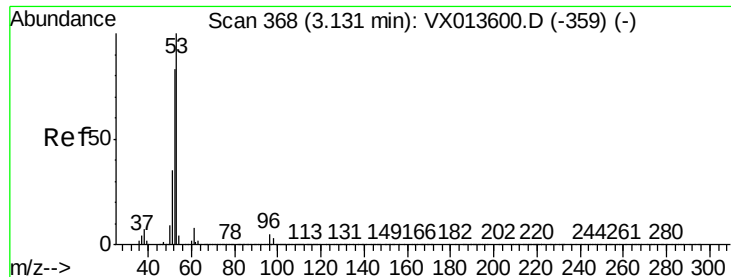
Tot Ion: 56 Resp: 279002
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4



#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 :

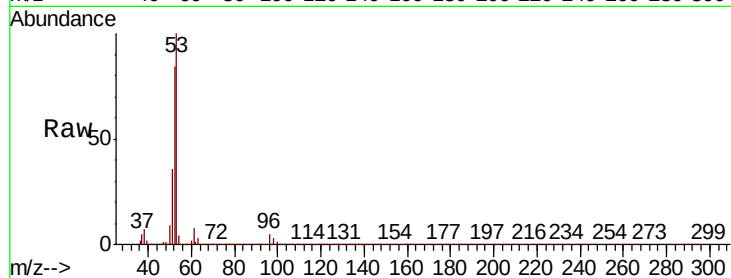
MSVOA_X

ClientSampleId :

GR-OF-20191121MS

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

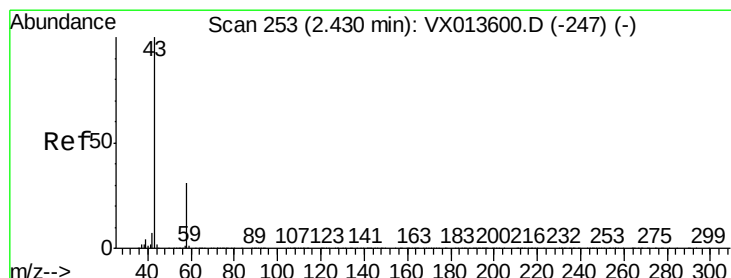
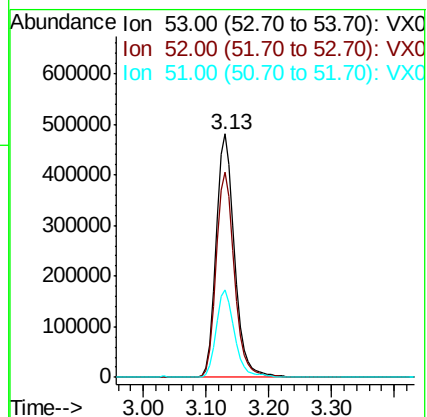
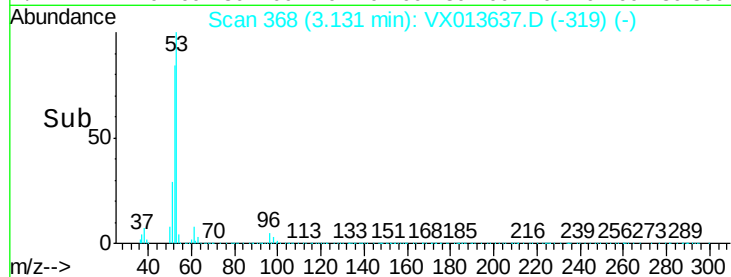


Abundance

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

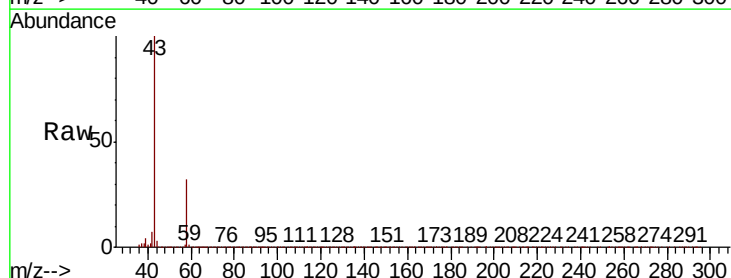
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion: 43 Resp: 846617

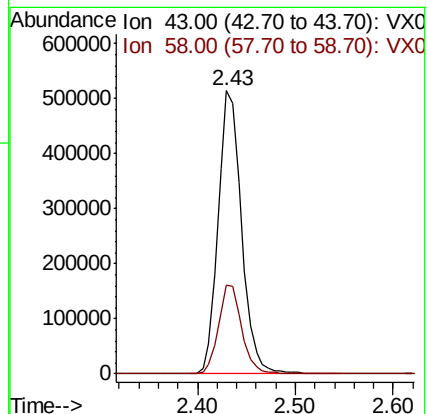
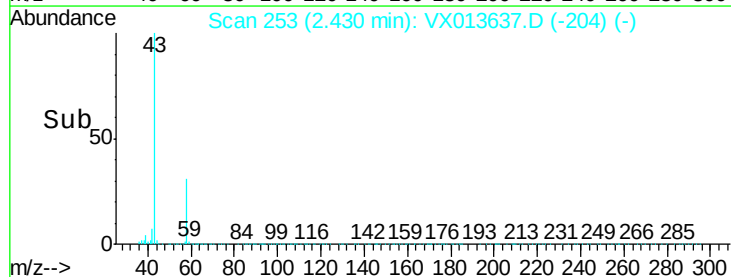
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.6	36.8

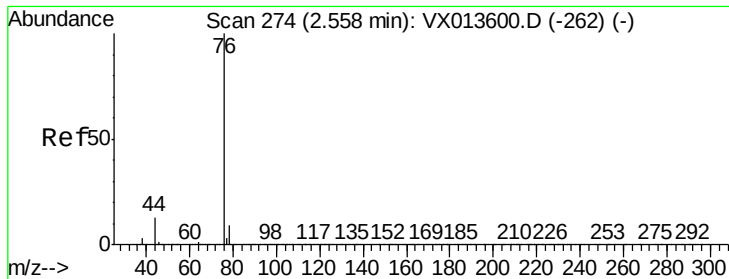


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

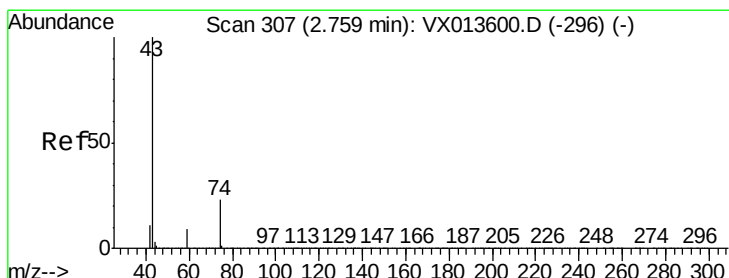
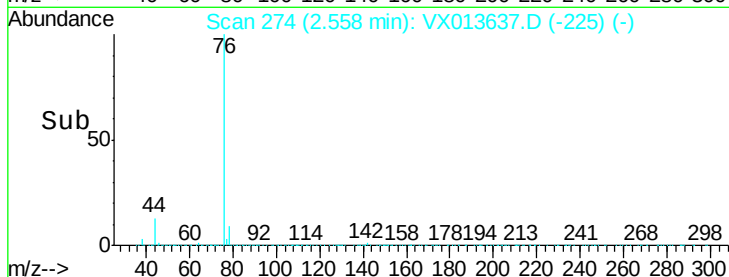
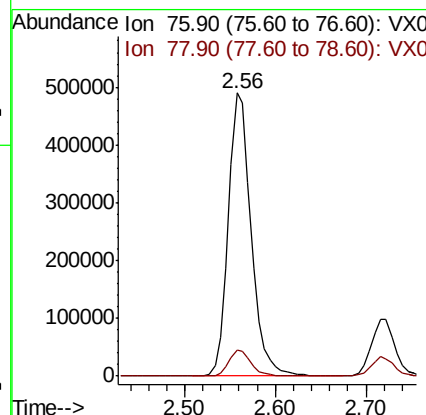
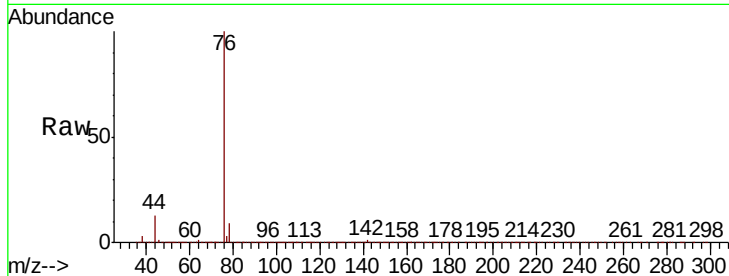




#17
Carbon Disulfide
Concen: 46.982 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

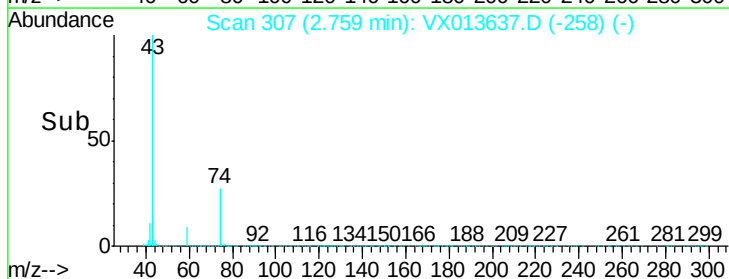
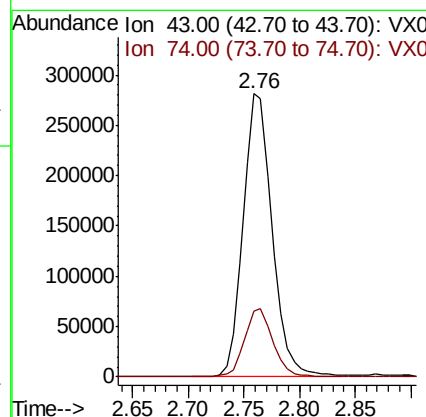
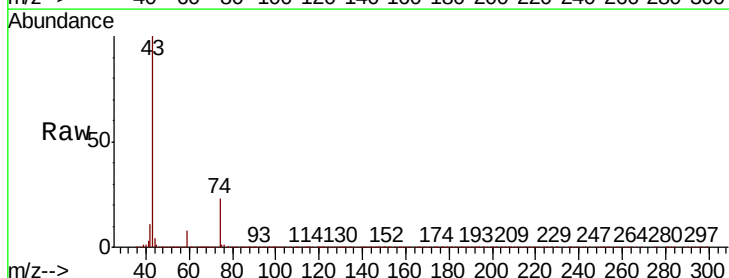
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

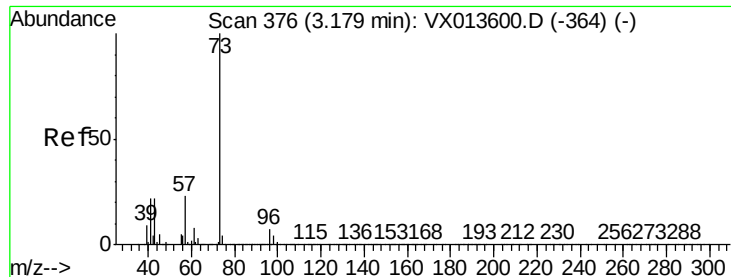
Tot Ion: 76 Resp: 857318
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#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



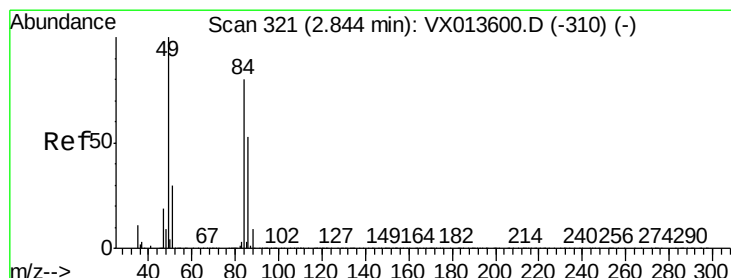
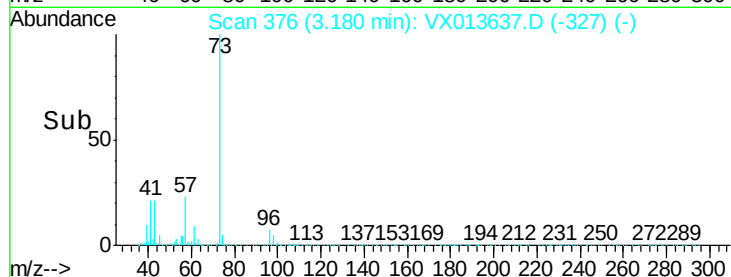
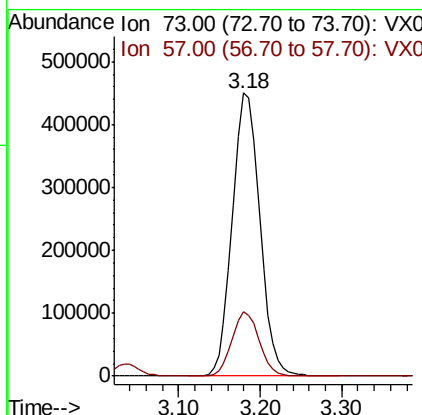
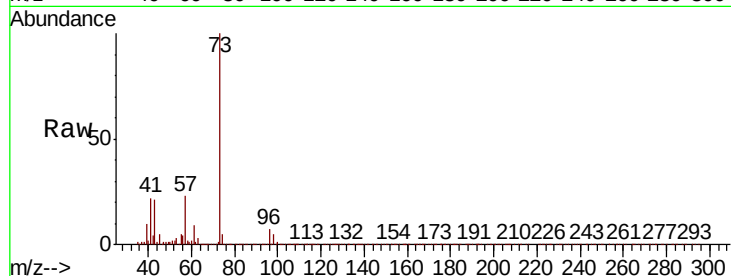


#19

Methyl tert-butyl 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 :
 GR-OF-20191121MS

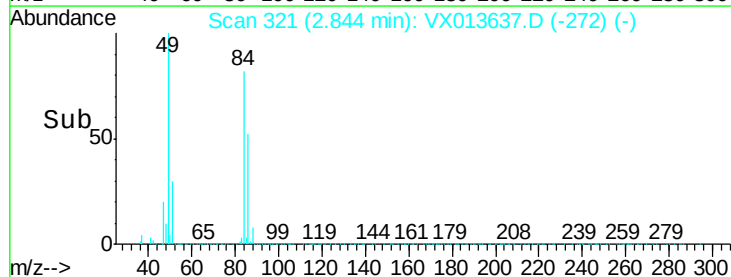
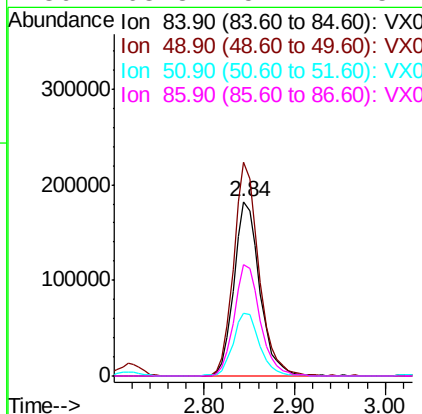
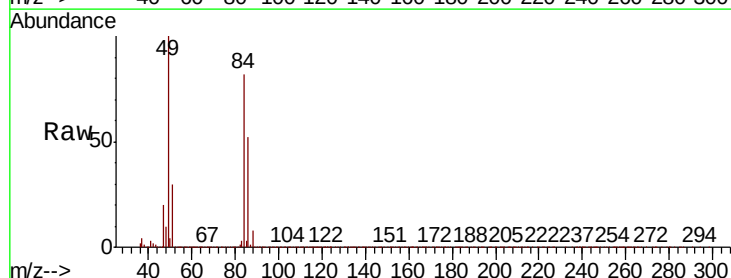
Tot Ion: 73 Resp: 1051040
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.3 27.5

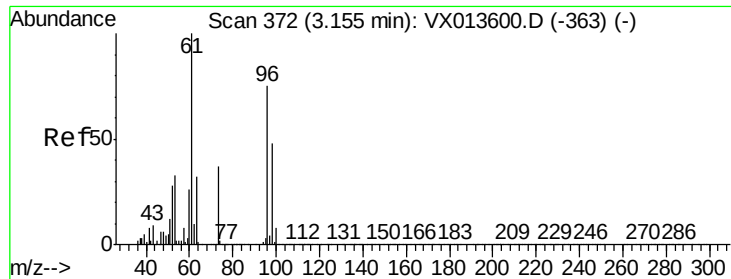


#20

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 :

GR-OF-20191121MS

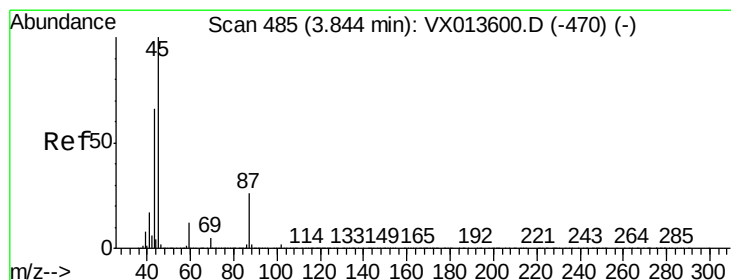
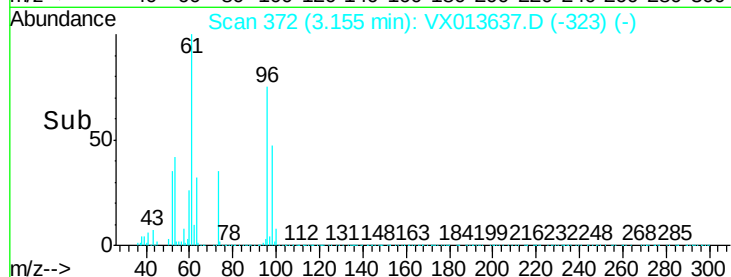
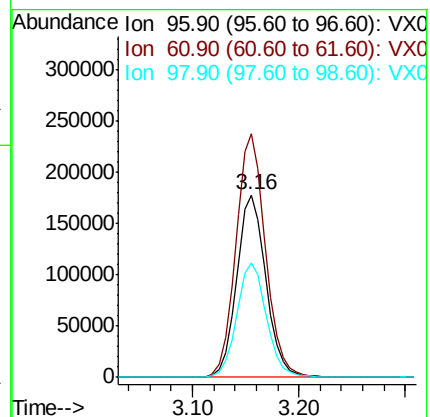
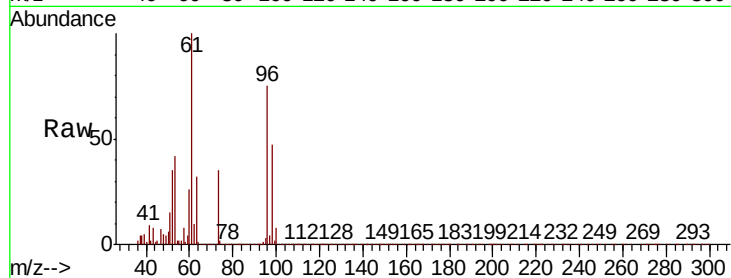
Tot Ion: 96 Resp: 341789

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

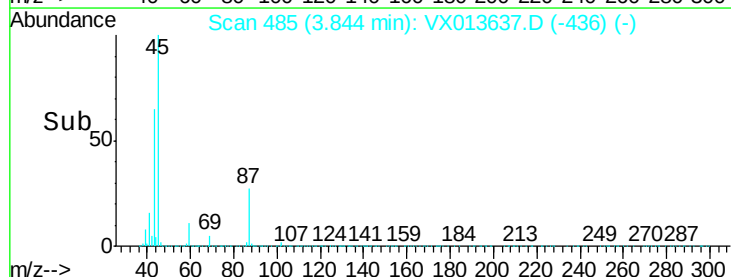
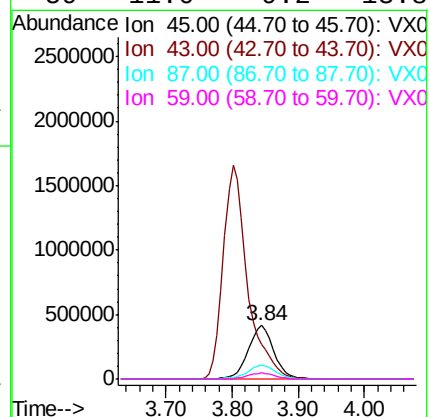
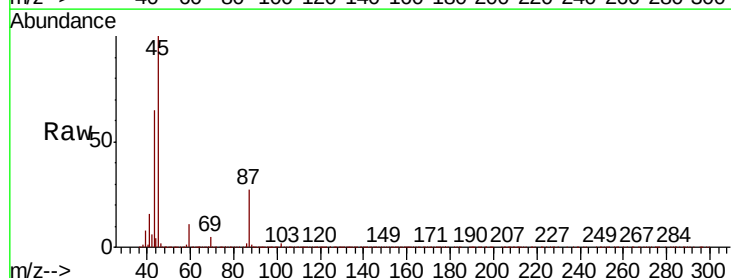
Ion Ratio Lower Upper

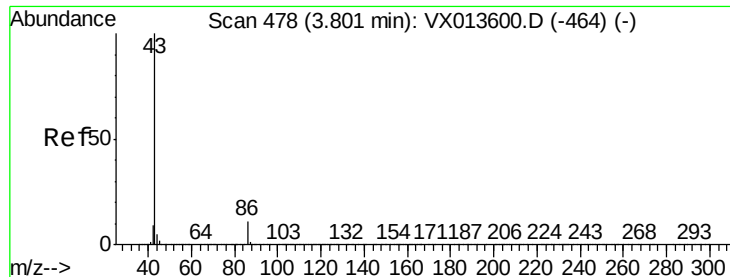
45 100

43 64.8 52.6 79.0

87 27.1 21.1 31.7

59 11.0 9.2 13.8

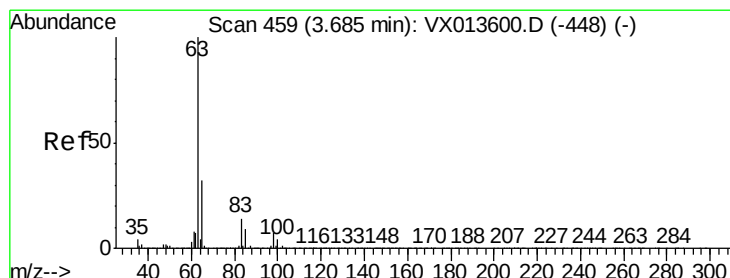
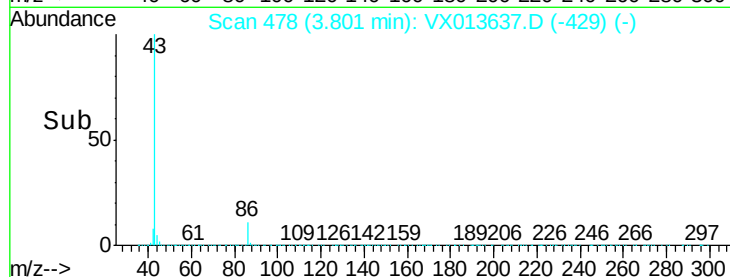
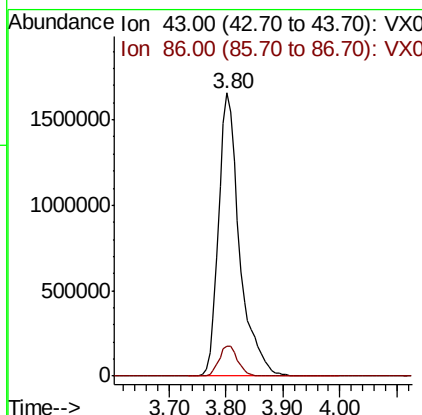
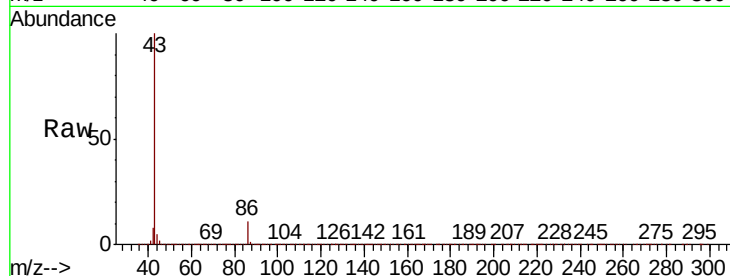




#23
 Vinyl Acetate
 Concen: 228.087 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

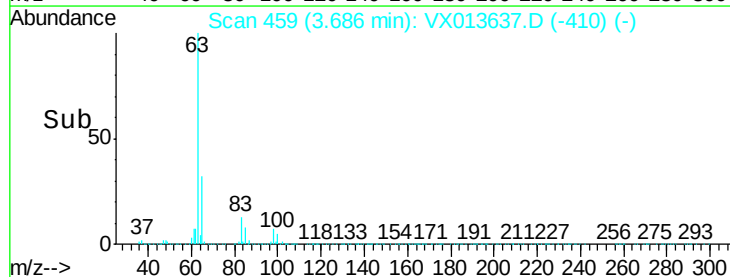
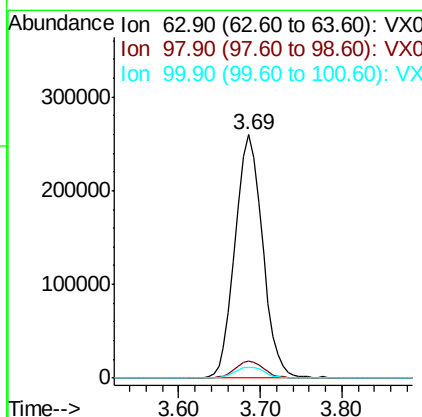
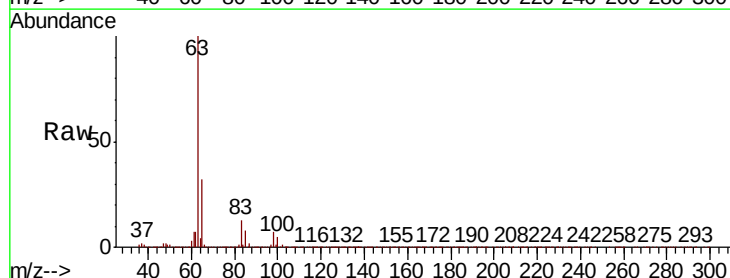
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

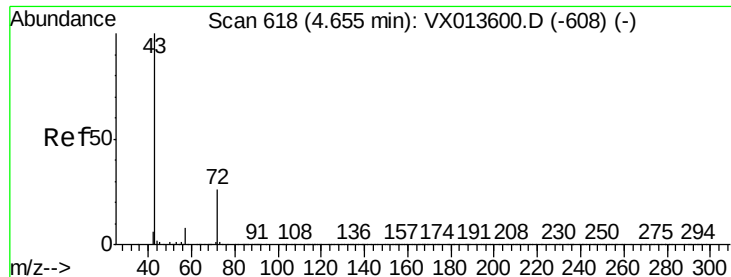
Tot Ion: 43 Resp: 4244170
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1



#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

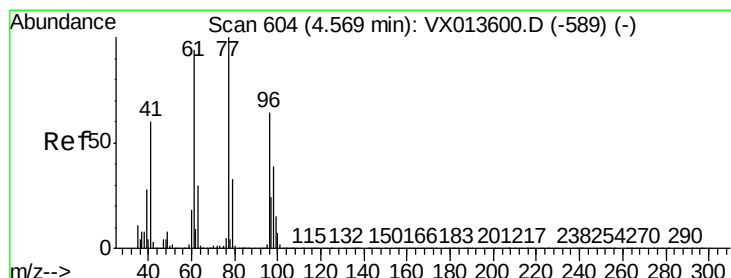
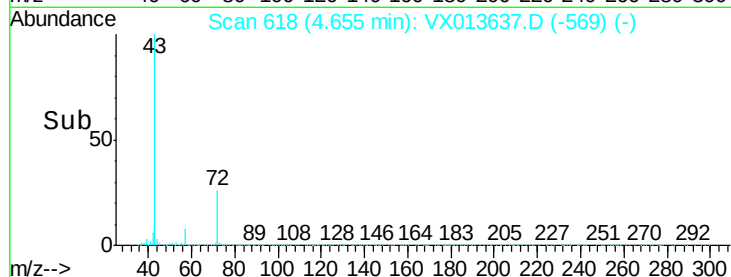
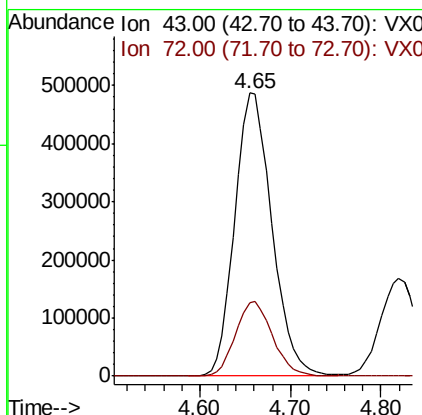
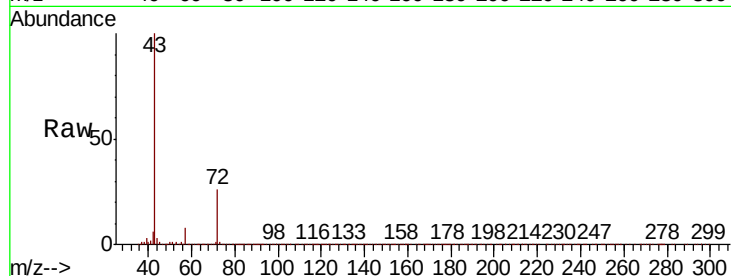




#25
2-Butanone
Concen: 240.891 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

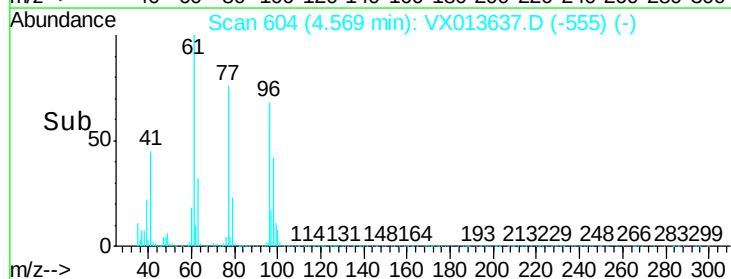
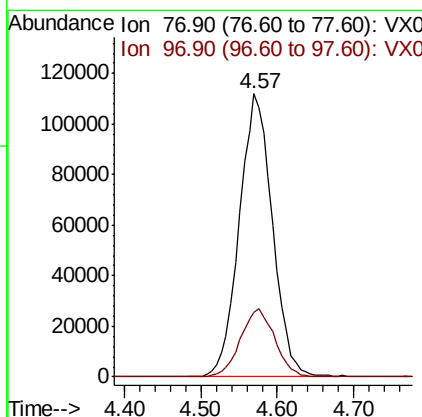
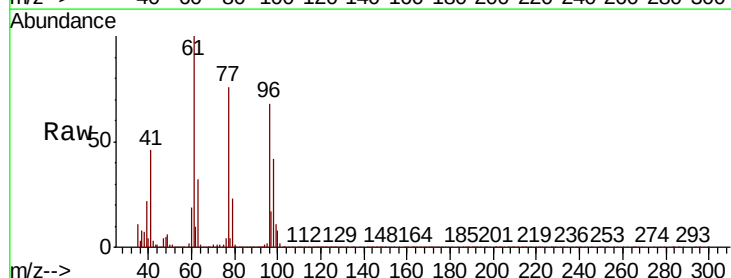
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

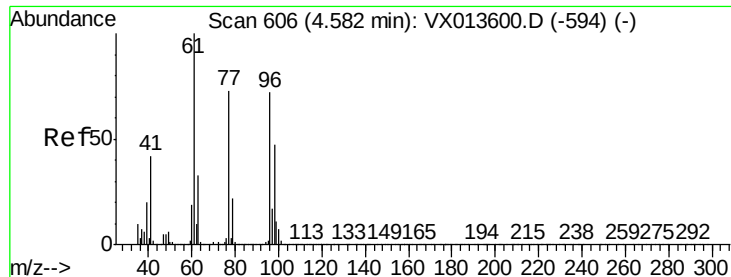
Tot Ion: 43 Resp: 1380021
Ion Ratio Lower Upper
43 100
72 25.7 20.6 31.0



#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



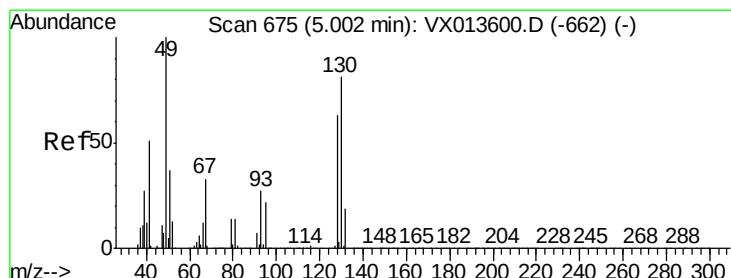
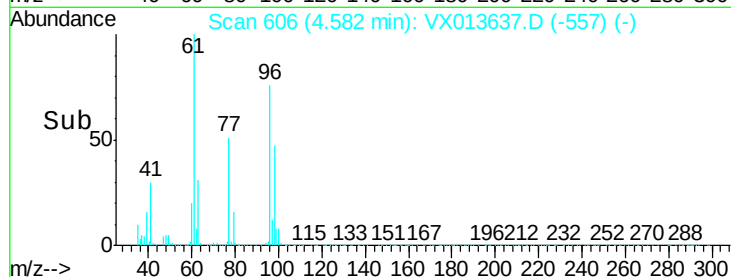
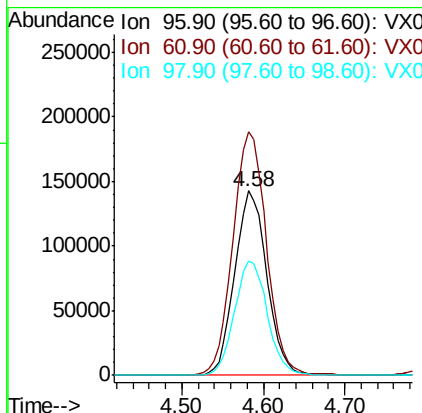
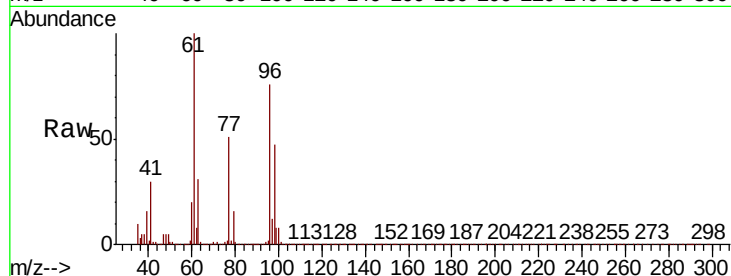


#27

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 :
GR-OF-20191121MS

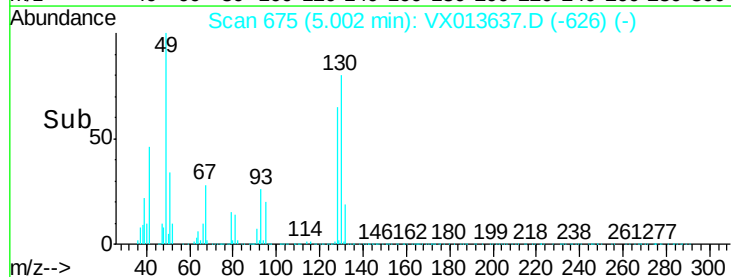
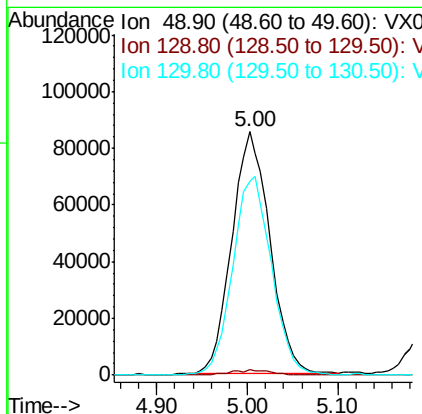
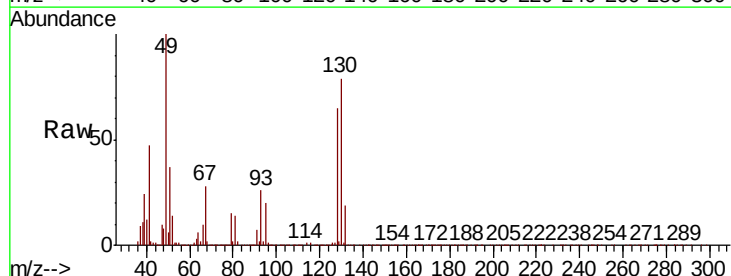
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	286.4
98	63.2	0.0	127.4

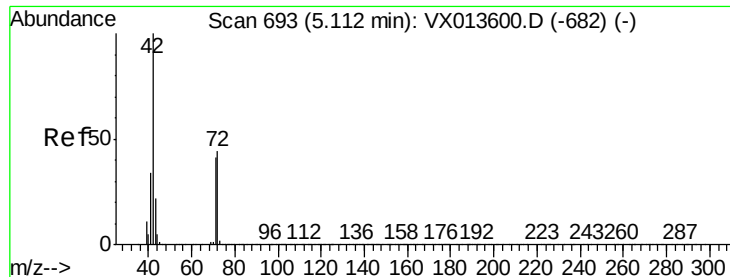


#28

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

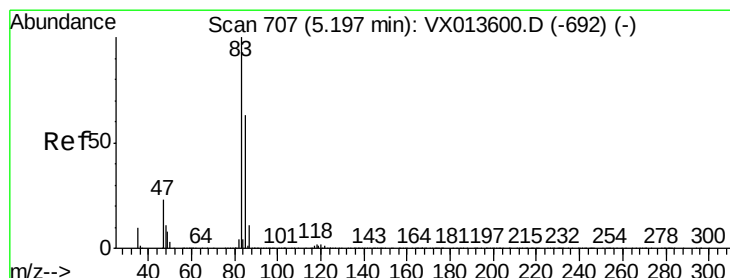
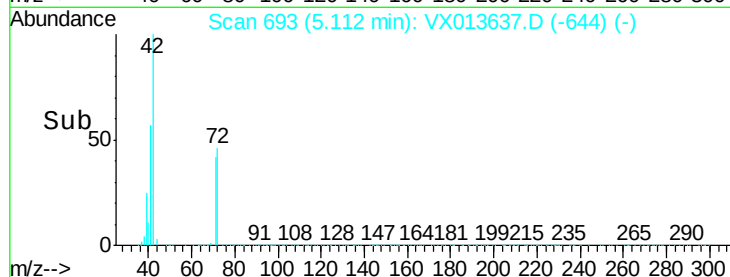
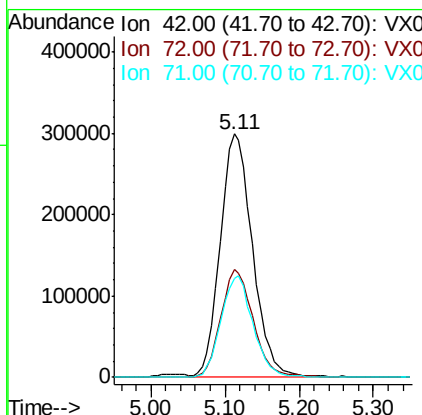
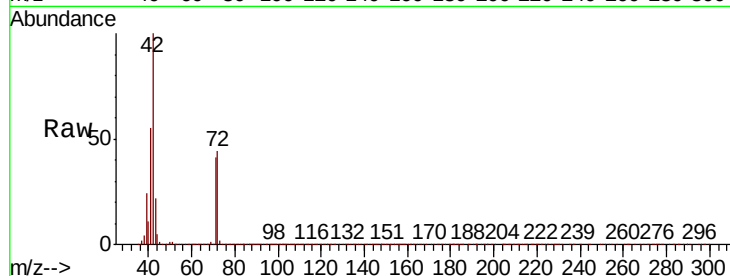




#29
Tetrahydrofuran
Concen: 254.125 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

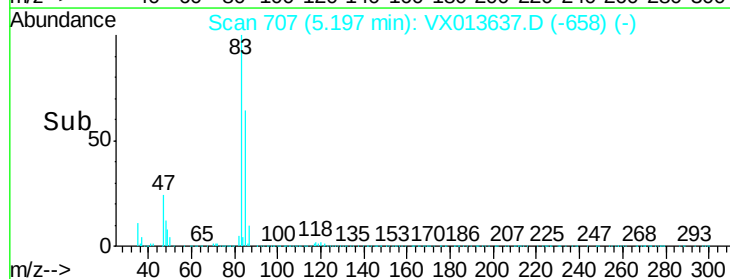
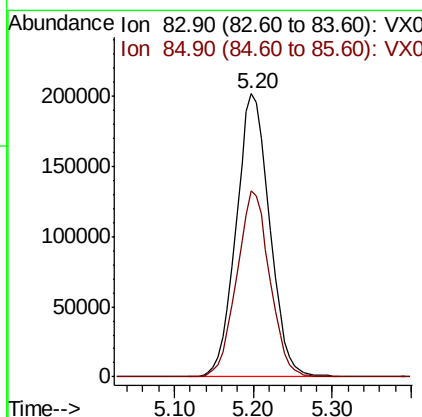
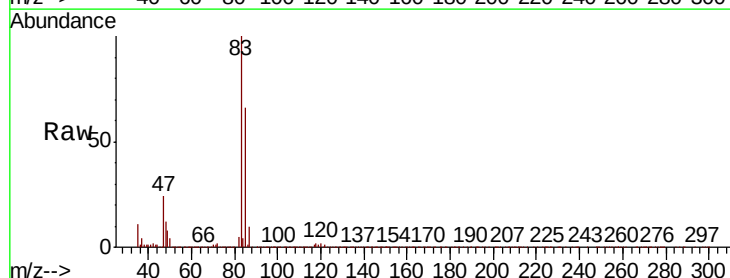
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

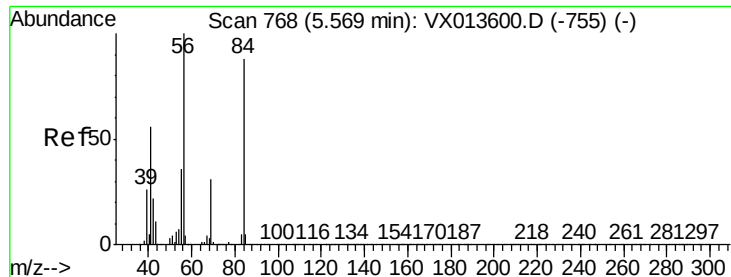
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.3	54.5
71	41.6	33.2	49.8



#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

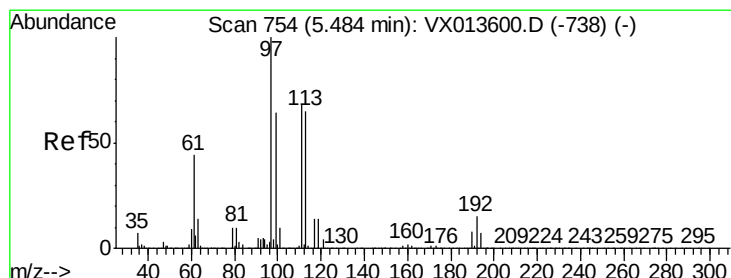
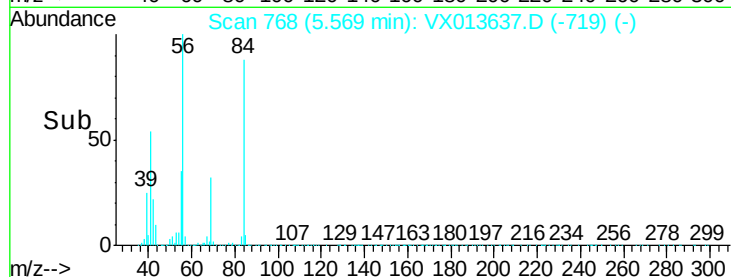
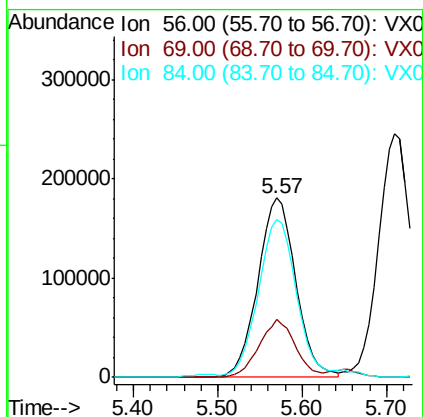
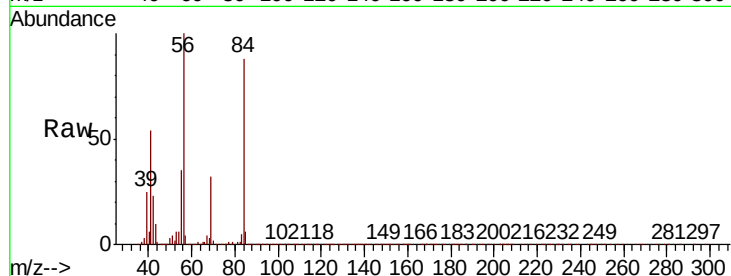




#31
Cyclohexane
Concen: 48.380 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

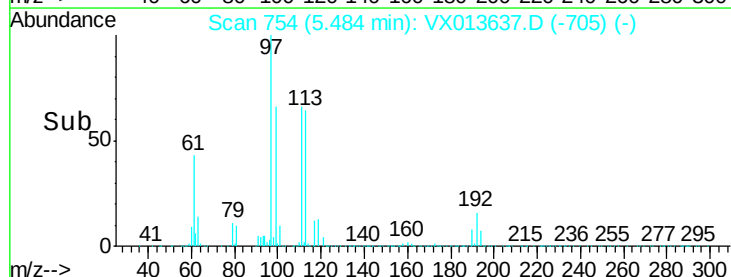
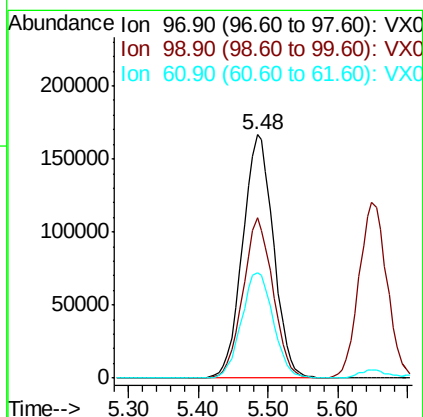
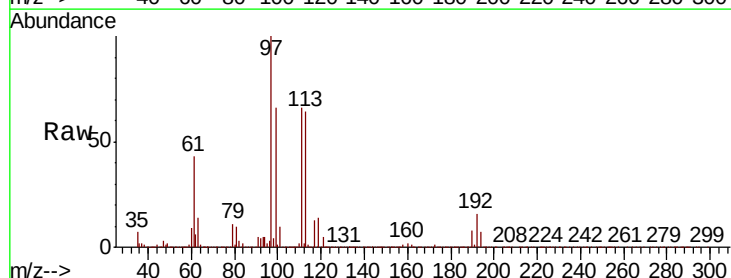
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

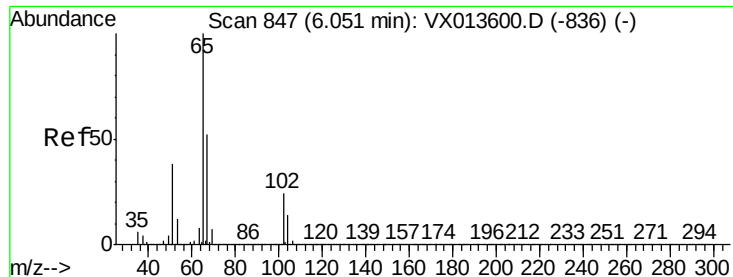
Tot Ion: 56 Resp: 557978
Ion Ratio Lower Upper
56 100
69 32.1 24.6 36.8
84 87.4 70.0 105.0



#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

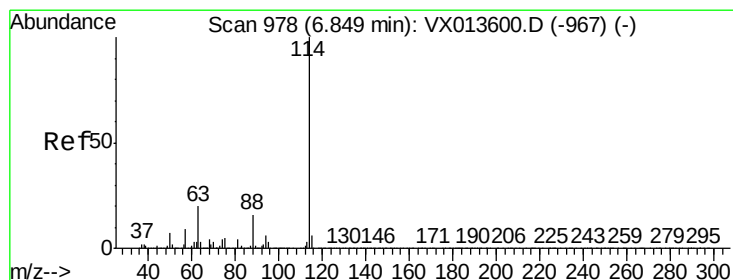
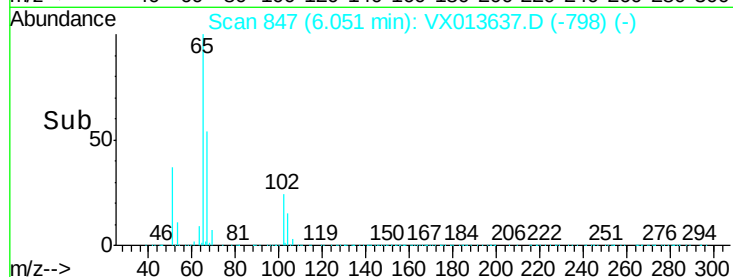
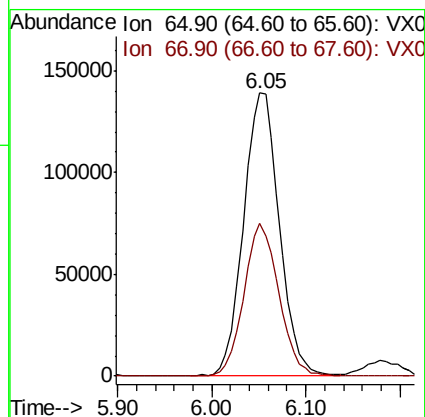
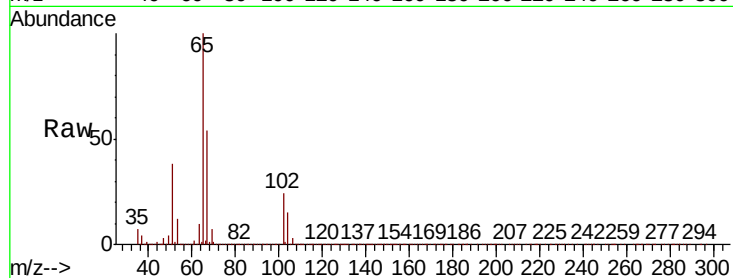




#33
 1,2-Dichloroethane-d4
 Concen: 47.217 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

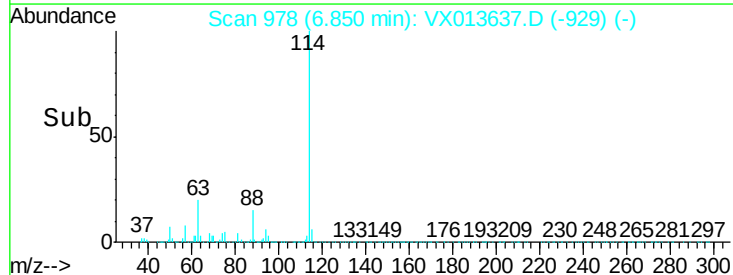
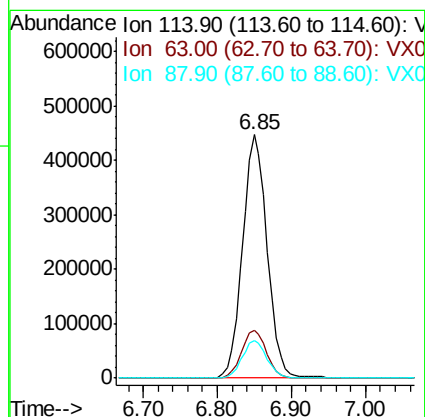
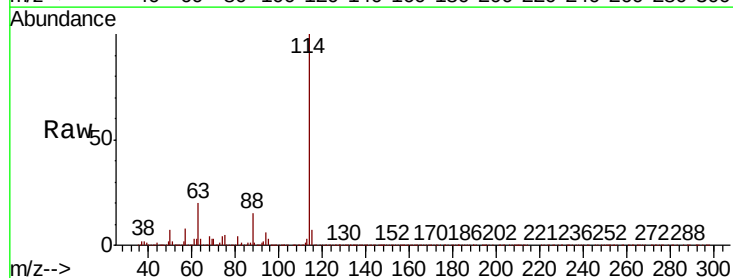
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

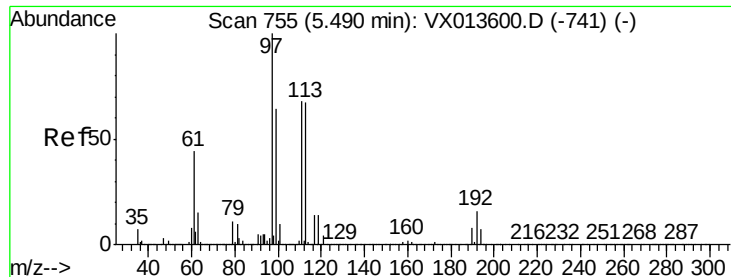
Tot Ion: 65 Resp: 368652
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: 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

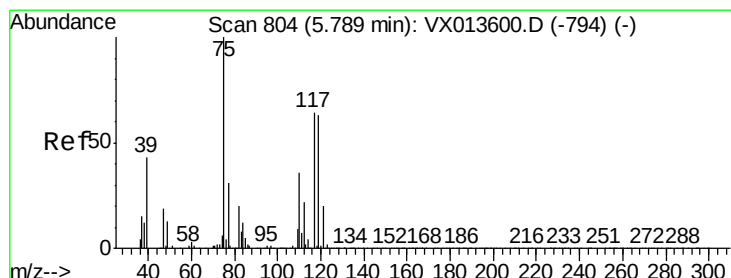
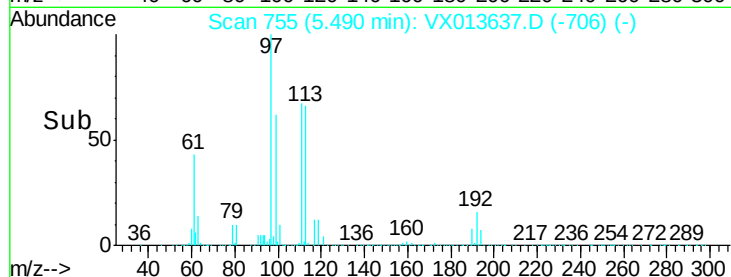
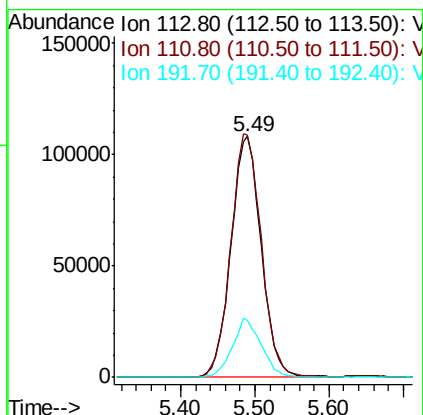
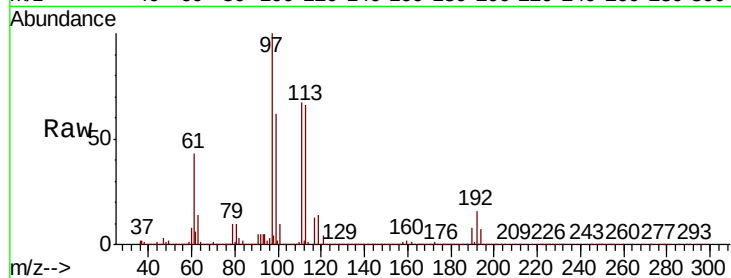




#35
 Dibromofluoromethane
 Concen: 47.863 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

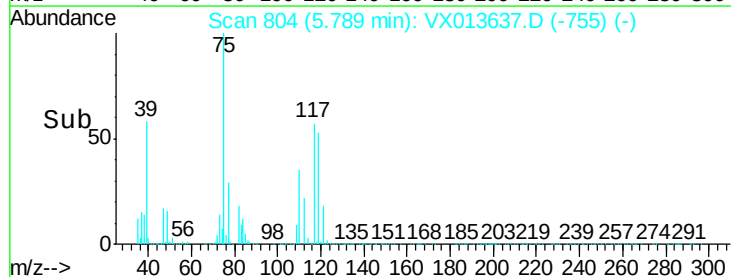
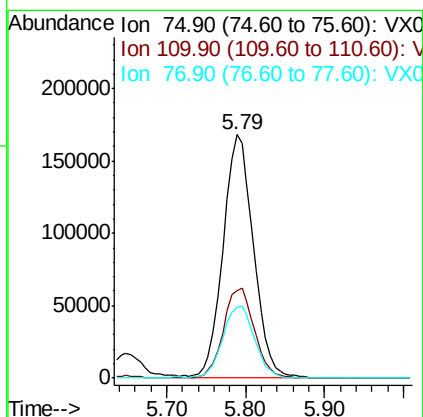
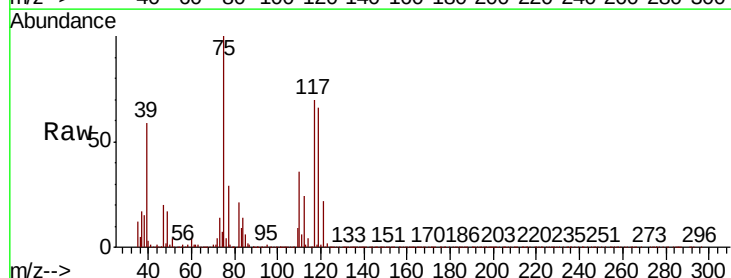
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

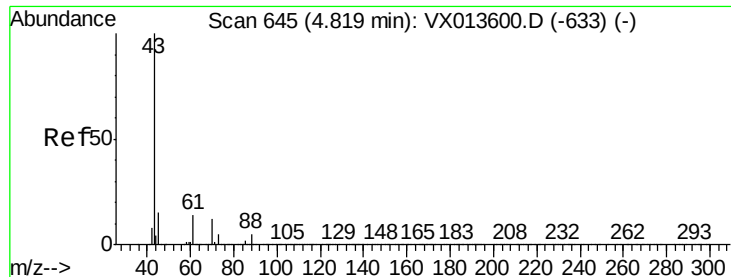
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.6	125.4
192	23.4	19.2	28.8



#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

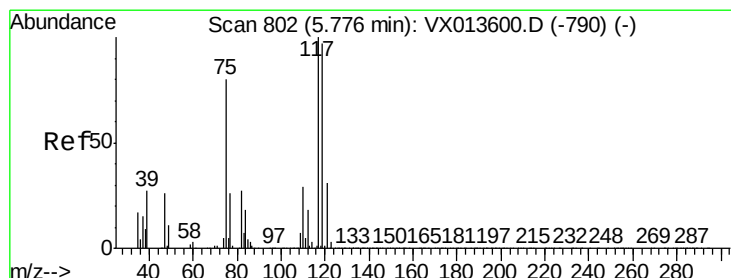
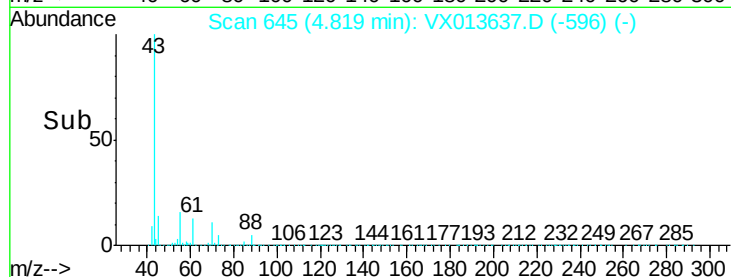
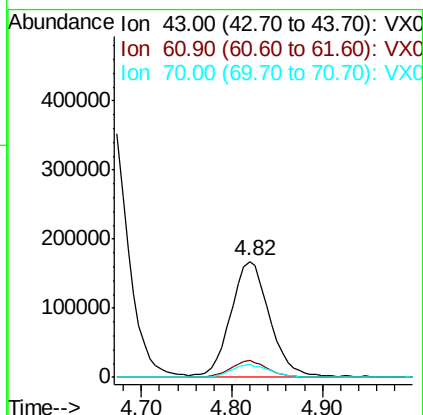
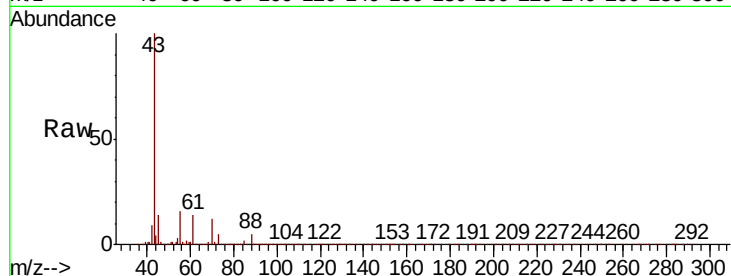




#37
Ethyl Acetate
Concen: 46.171 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

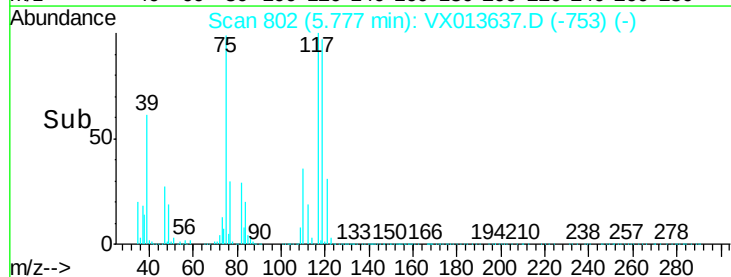
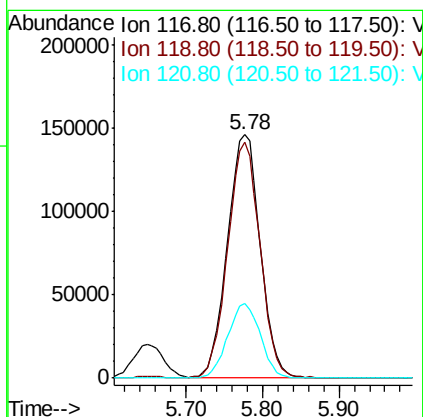
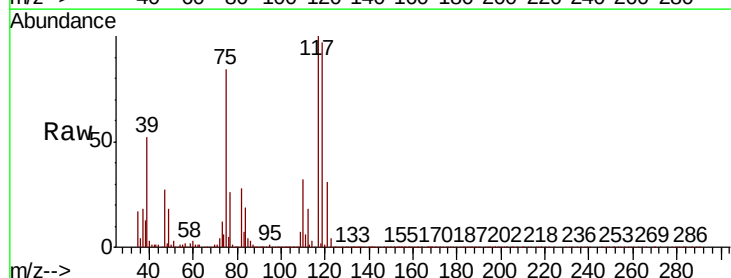
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

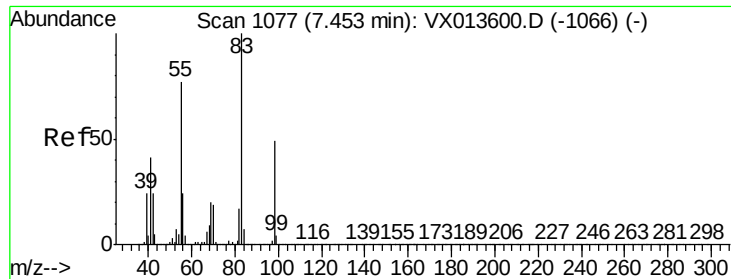
Tot Ion: 43 Resp: 487678
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.4
70 10.7 8.6 12.8



#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

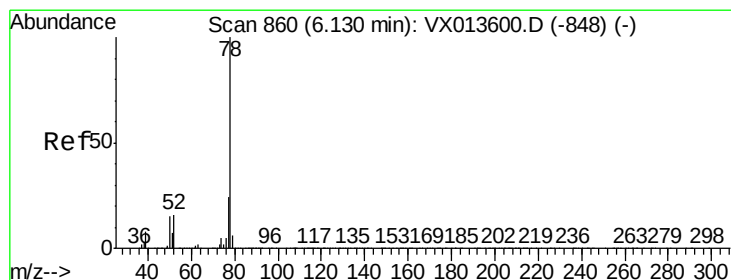
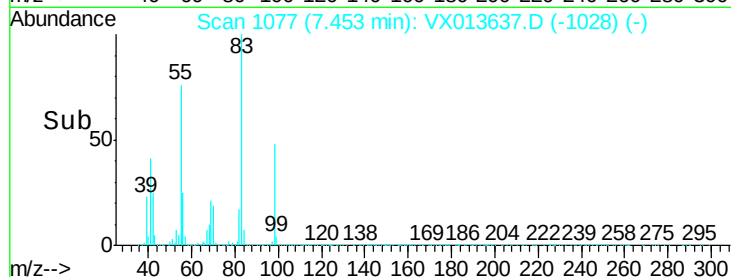
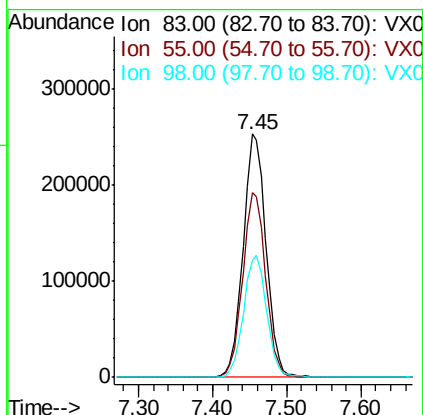
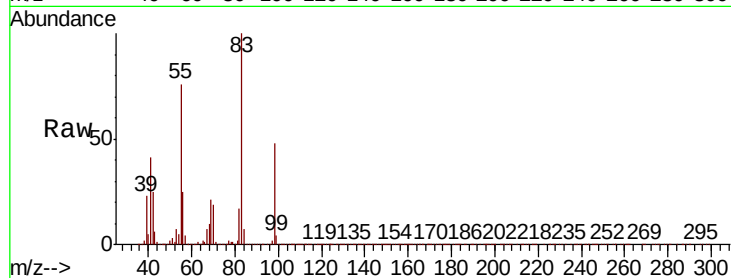




#39
Methylvlcyclohexane
Concen: 47.127 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

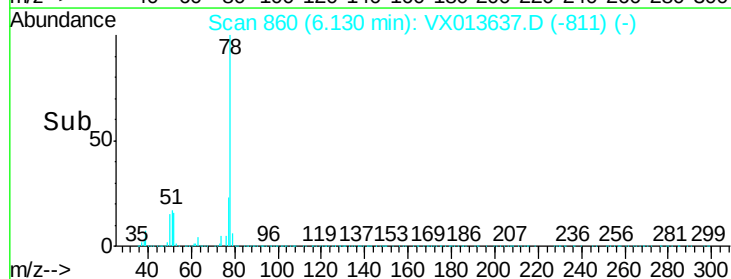
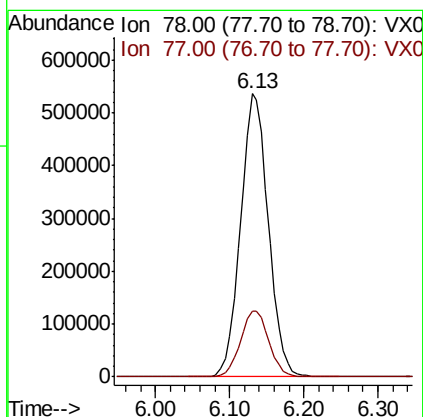
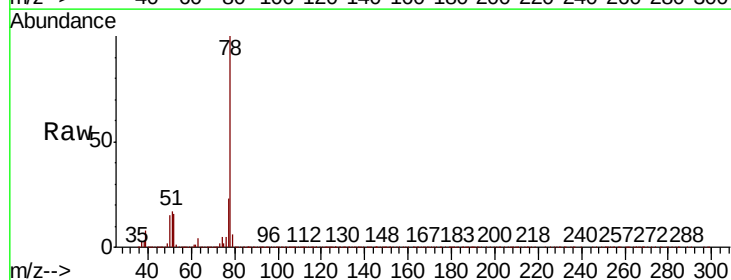
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

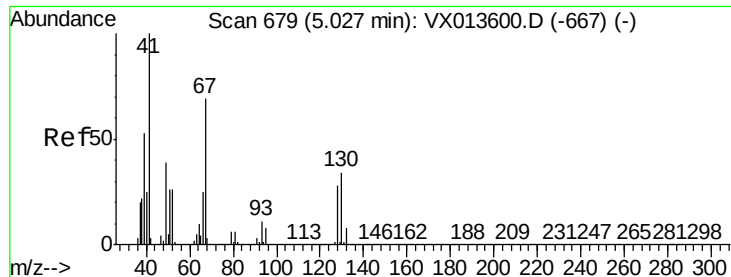
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.9	92.9
98	48.2	39.4	59.0



#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	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4

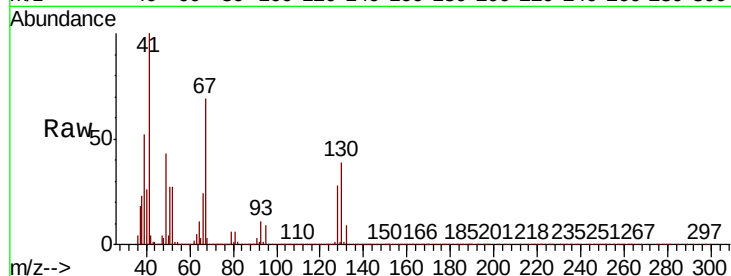




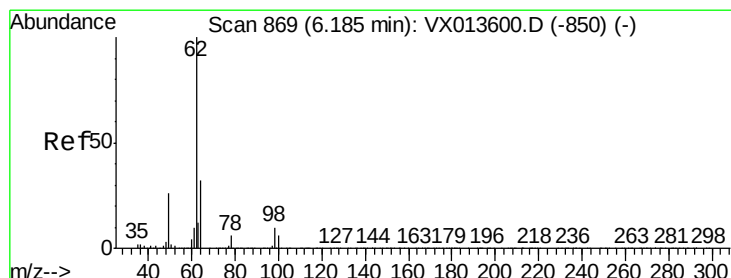
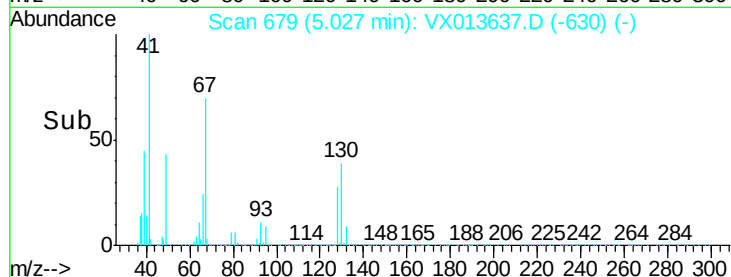
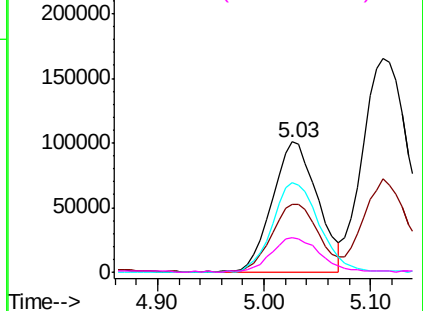
#41
Methacrylonitrile
Concen: 50.863 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

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

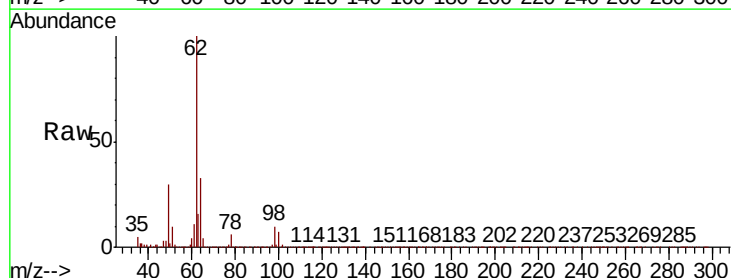


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

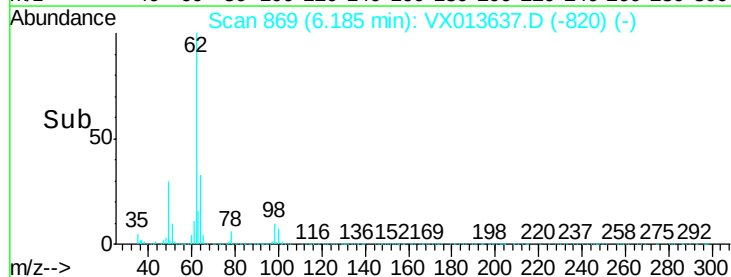
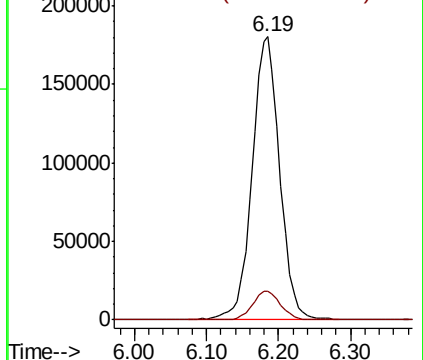


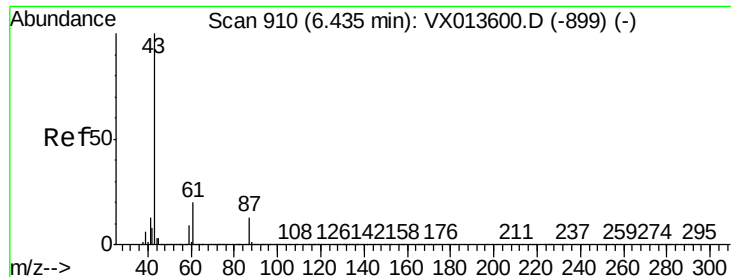
#42
1,2-Dichloroethane
Concen: 48.837 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

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 :

GR-OF-20191121MS

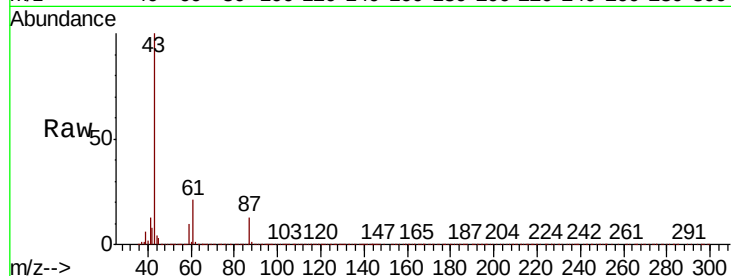
Tot Ion: 43 Resp: 820928

Ion Ratio Lower Upper

43 100

61 20.2 16.3 24.5

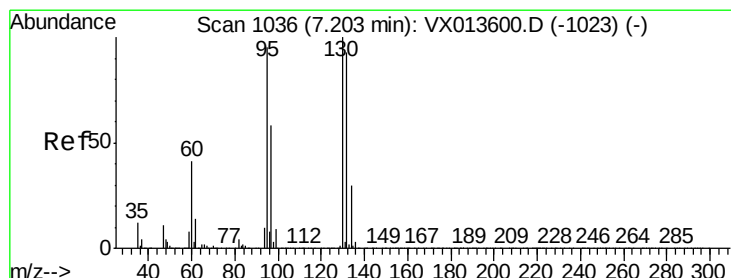
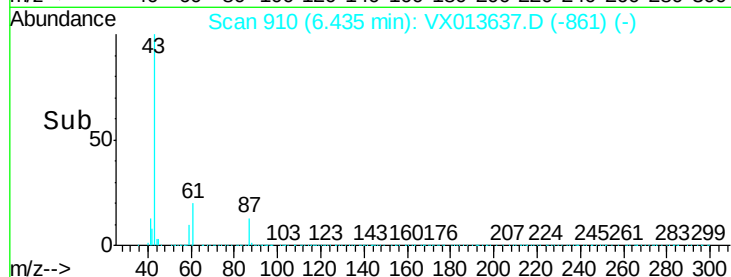
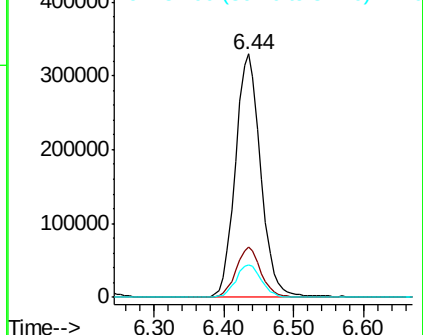
87 13.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.822 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013637.D

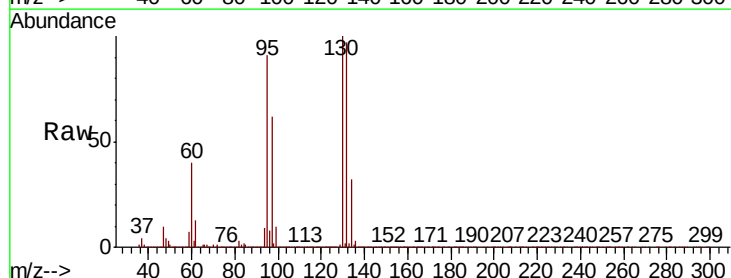
Acq: 27 Nov 2019 06:58

Tgt Ion:130 Resp: 376359

Ion Ratio Lower Upper

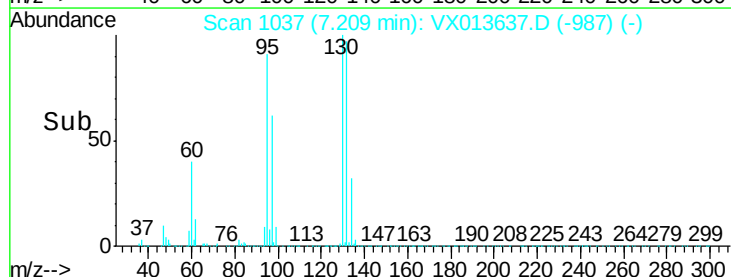
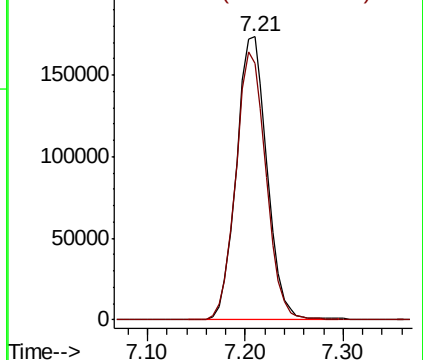
130 100

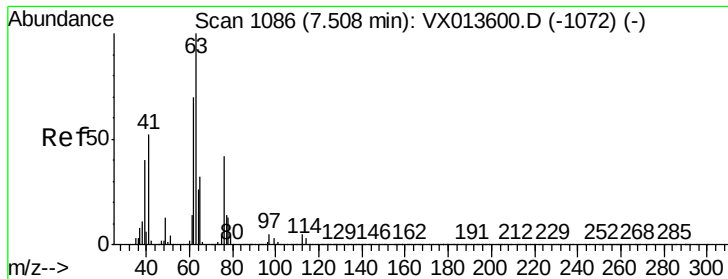
95 90.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

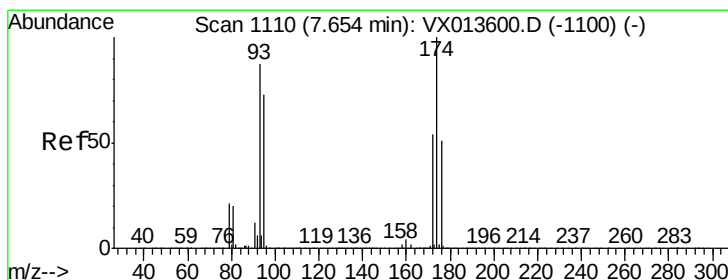
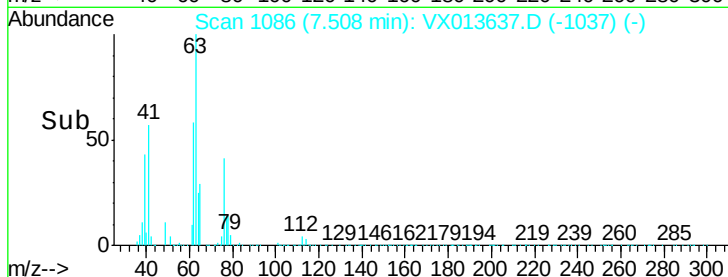
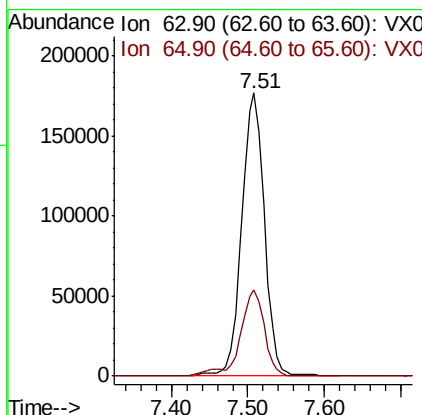
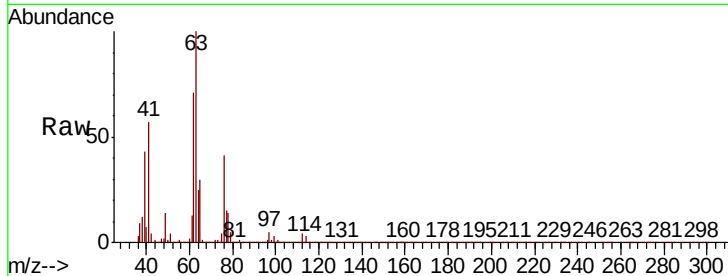




#45
 1,2-Dichloropropane
 Concen: 50.390 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

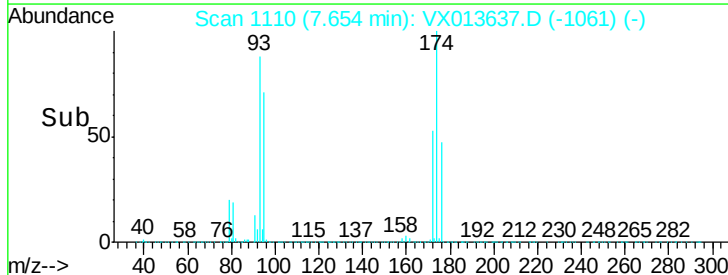
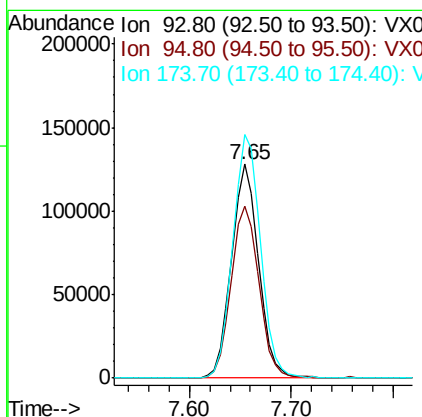
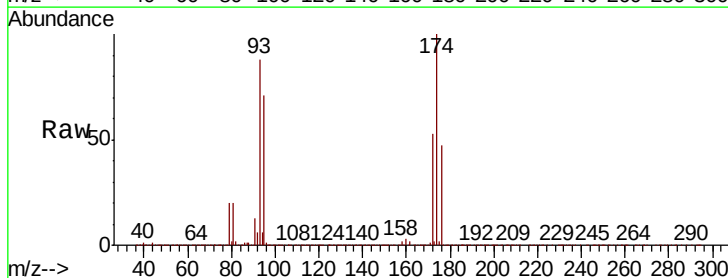
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

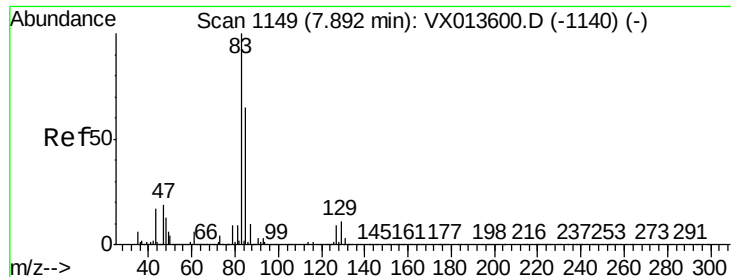
Tot Ion: 63 Resp: 361524
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.5 38.3



#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 :

GR-OF-20191121MS

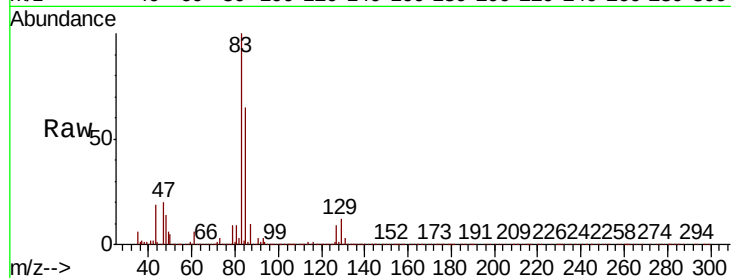
Tot Ion: 83 Resp: 459091

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1

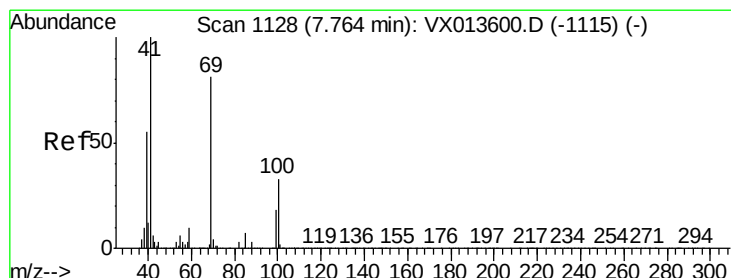
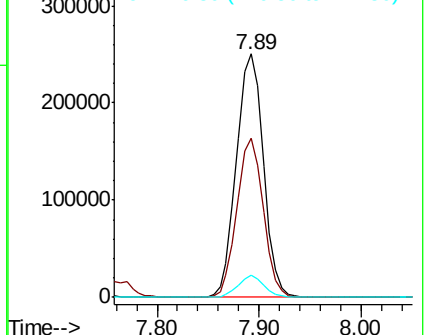
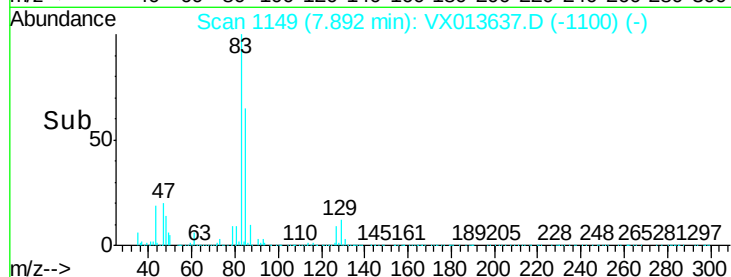
127 8.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 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

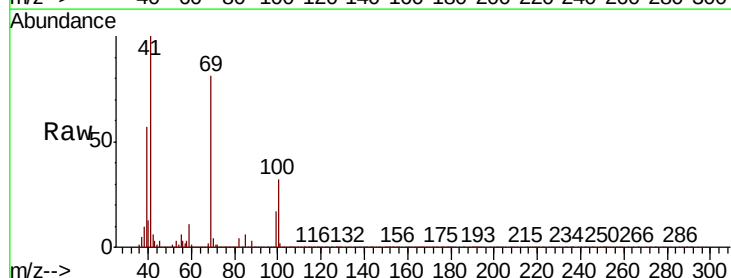
Tgt Ion: 41 Resp: 426827

Ion Ratio Lower Upper

41 100

69 83.0 64.7 97.1

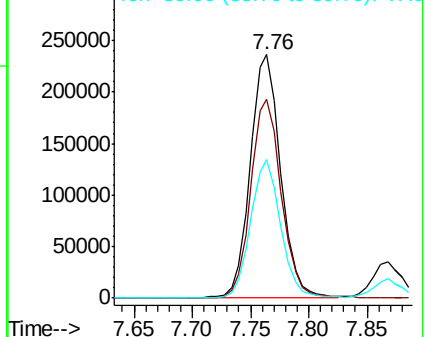
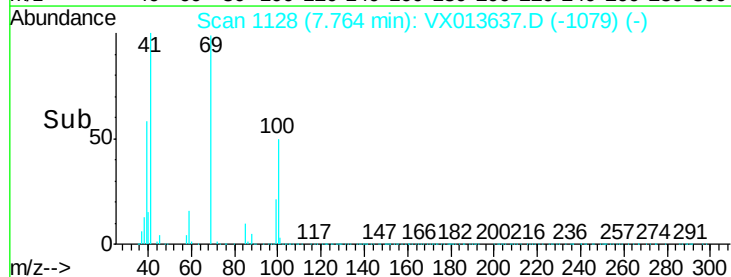
39 56.2 43.8 65.6

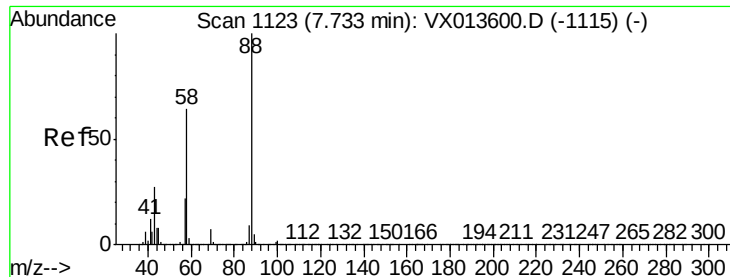


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

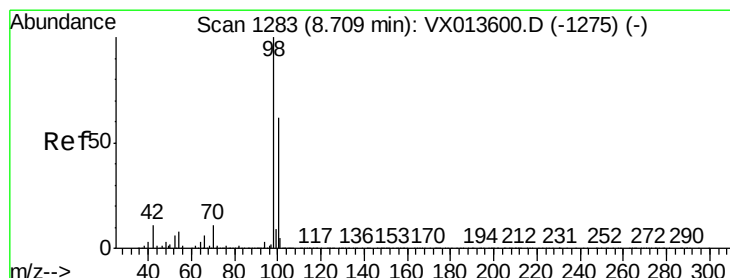
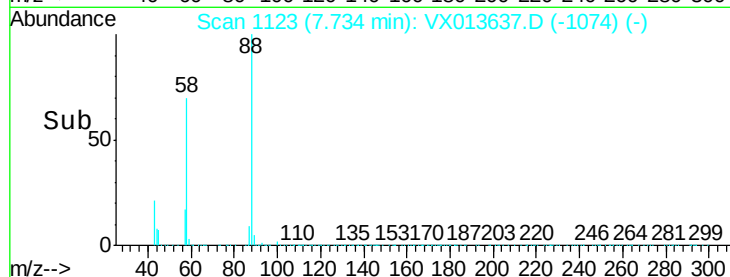
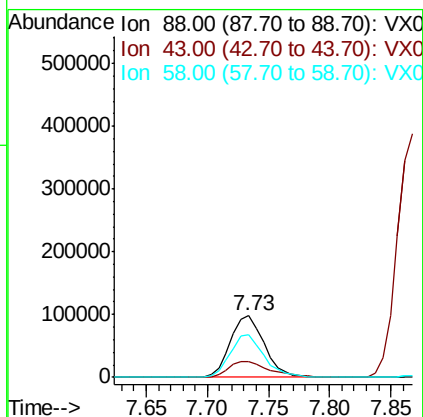
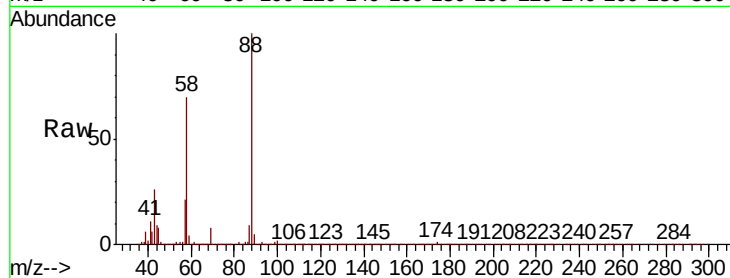




#49
1,4-Dioxane
Concen: 996.337 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

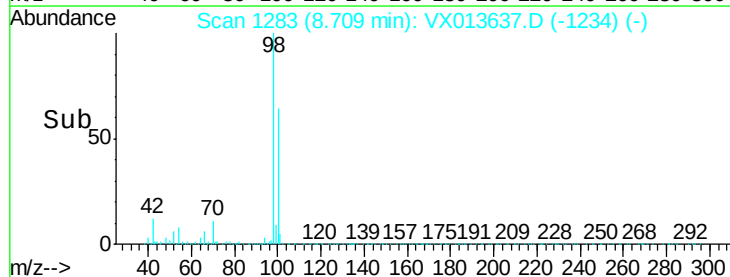
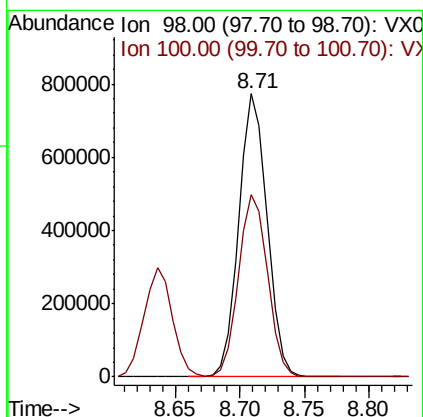
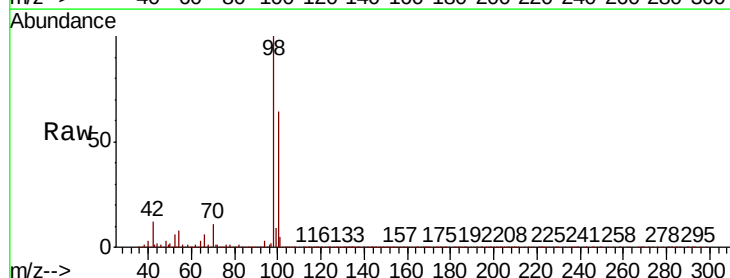
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

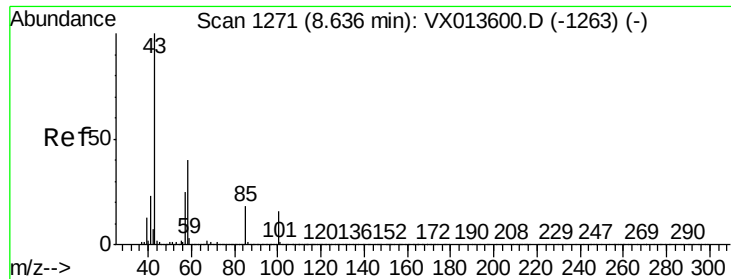
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.8	38.6
58	68.8	54.6	82.0



#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	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





#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 :

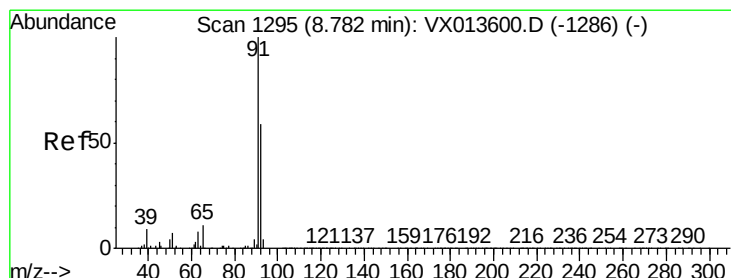
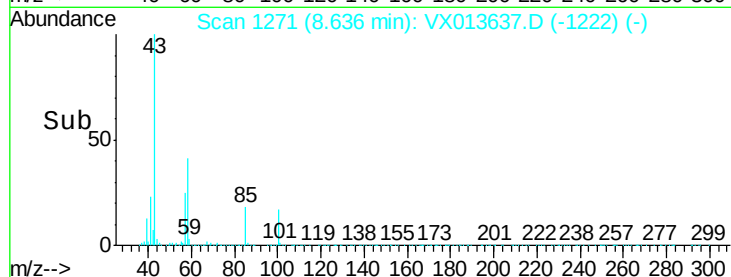
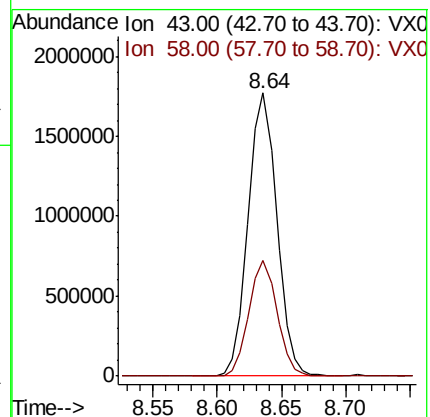
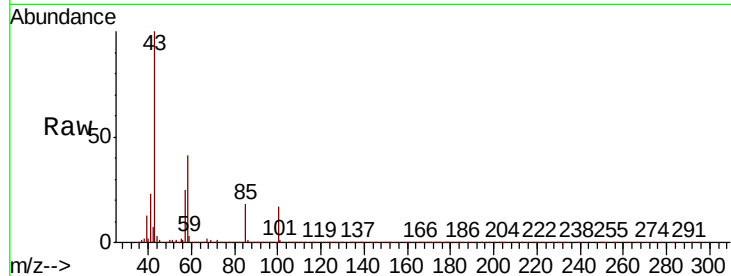
GR-OF-20191121MS

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

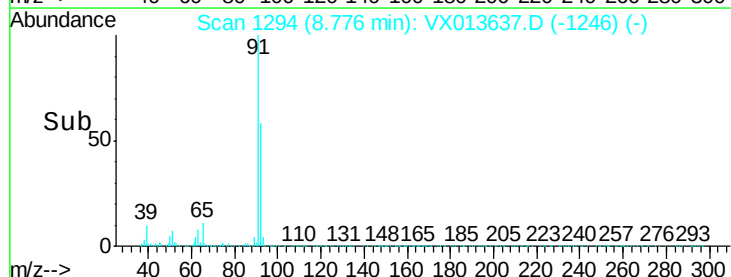
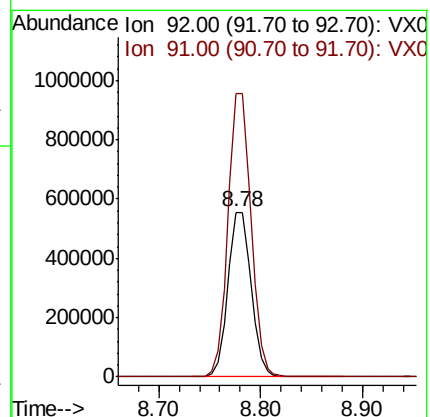
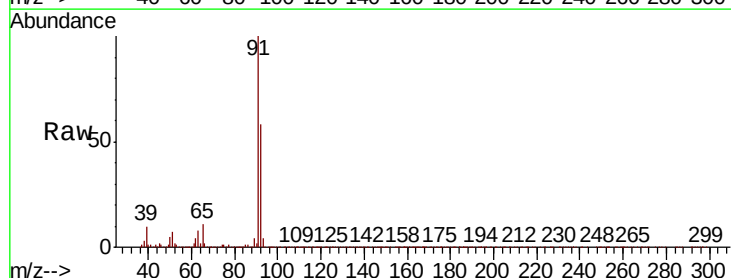
Acq: 27 Nov 2019 06:58

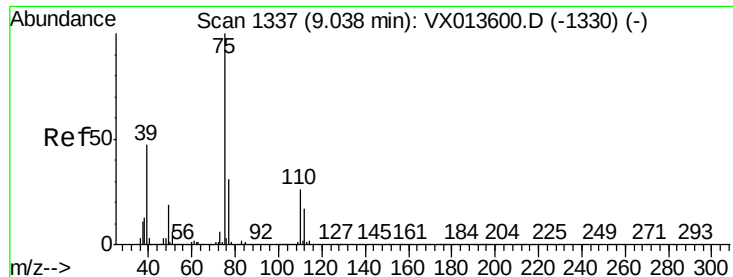
Tgt Ion: 92 Resp: 879182

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 :

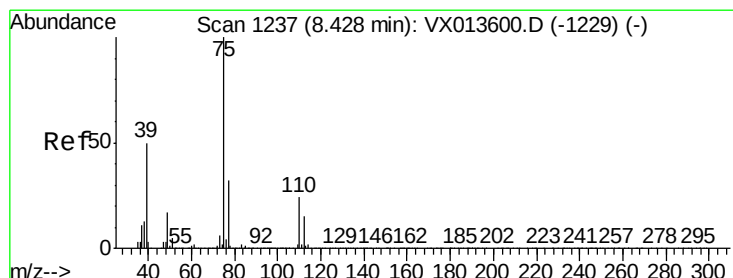
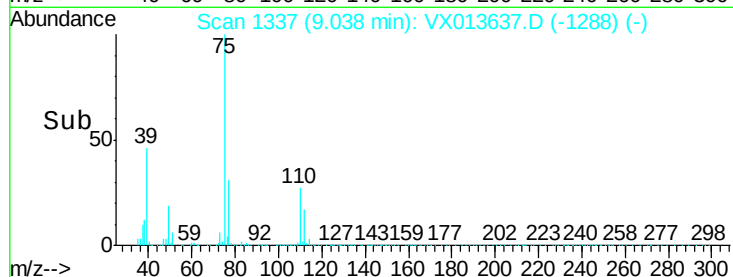
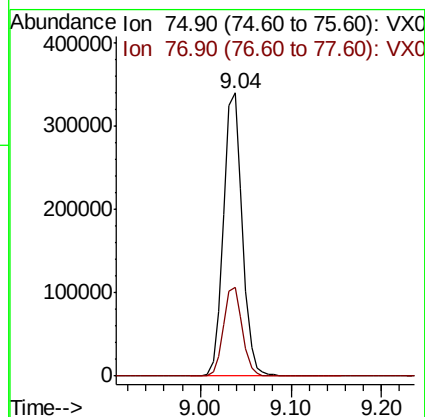
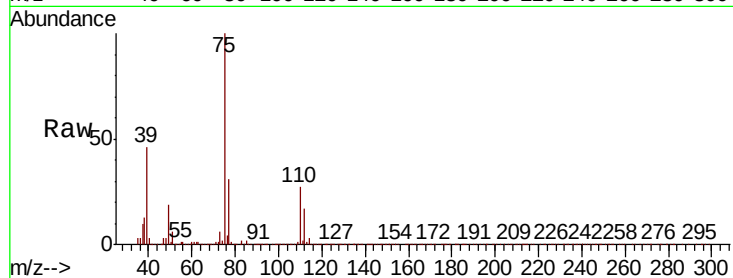
GR-OF-20191121MS

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

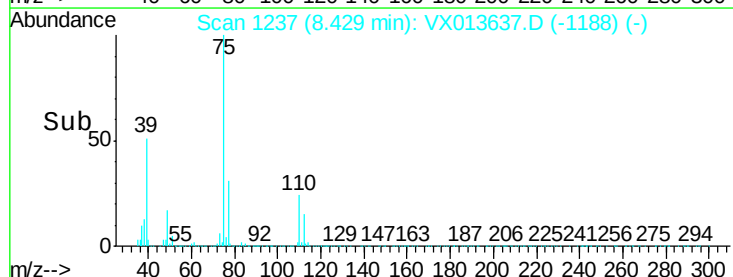
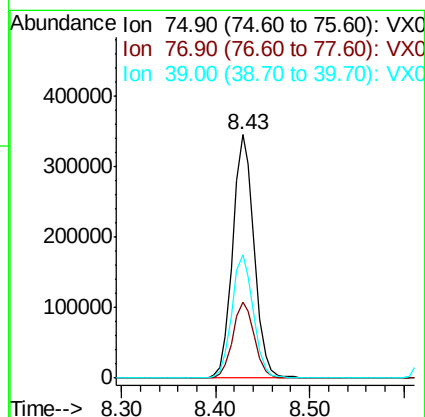
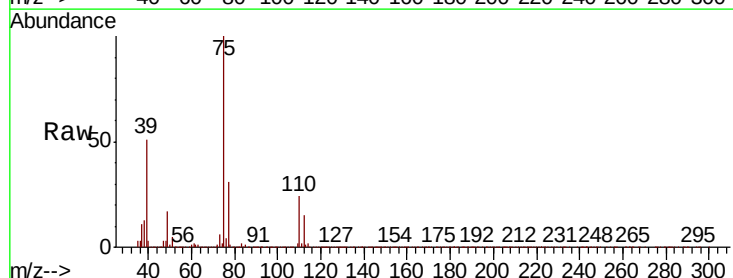
Tgt Ion: 75 Resp: 544395

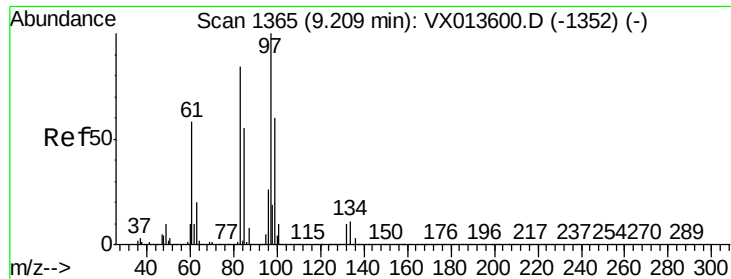
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 50.6 39.9 59.9

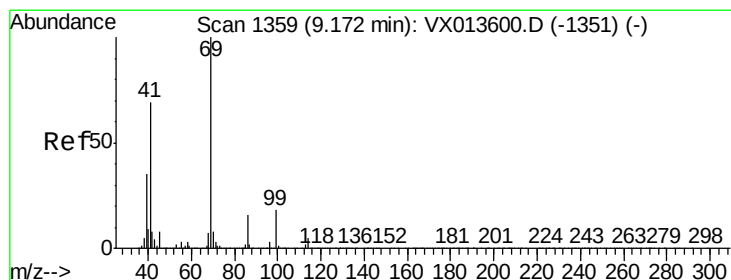
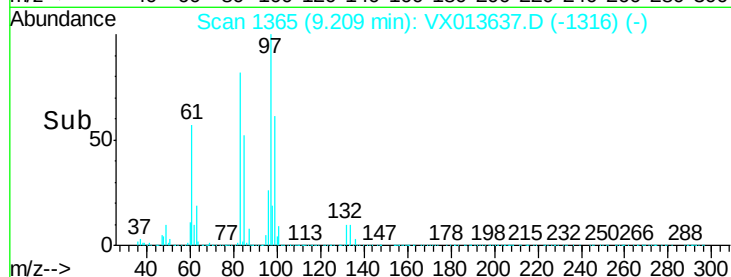
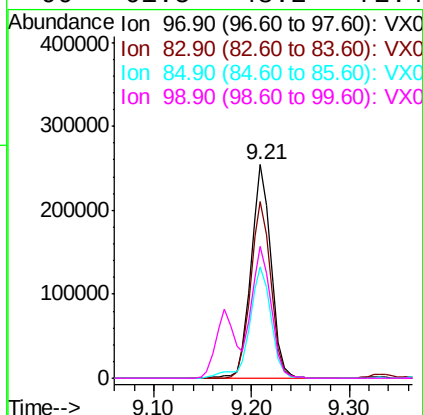
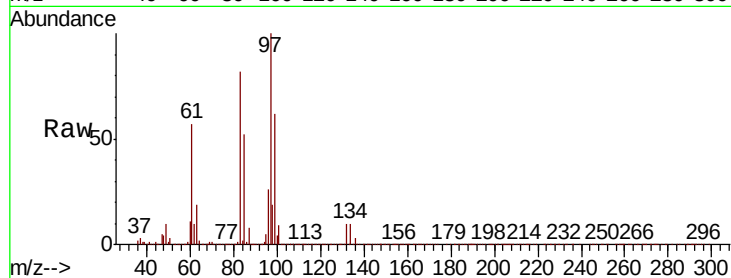




#55
 1,1,2-Trichloroethane
 Concen: 50.087 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

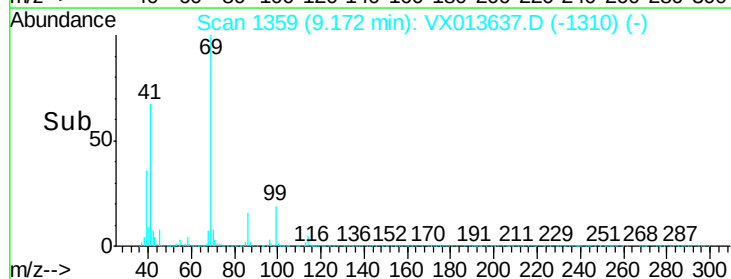
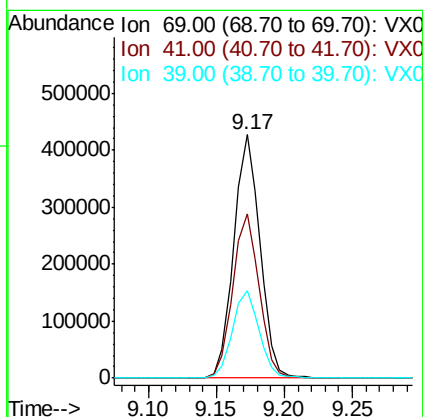
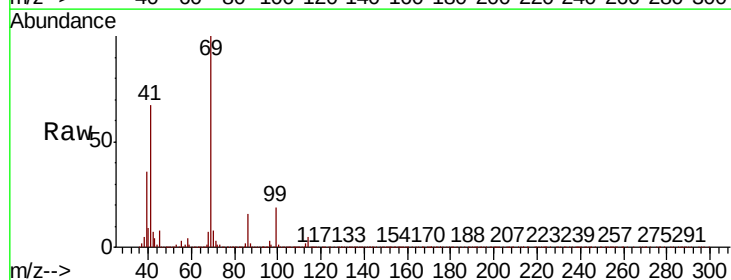
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

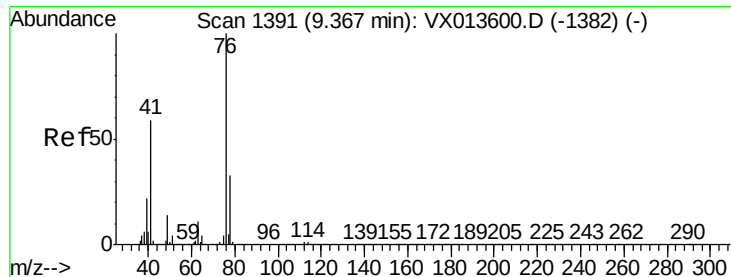
Tot Ion:	97	Resp:	359565
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.3	100.9
85	52.3	43.6	65.4
99	61.5	48.2	72.4



#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





#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 :

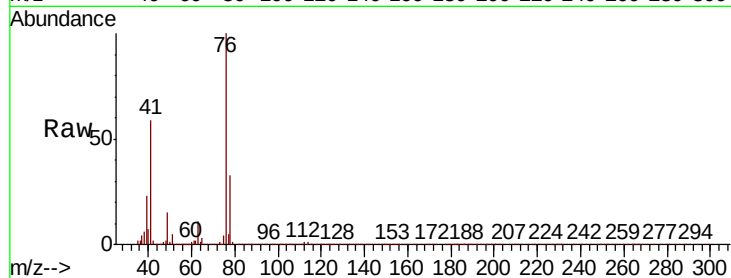
GR-OF-20191121MS

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

9.37

400000

300000

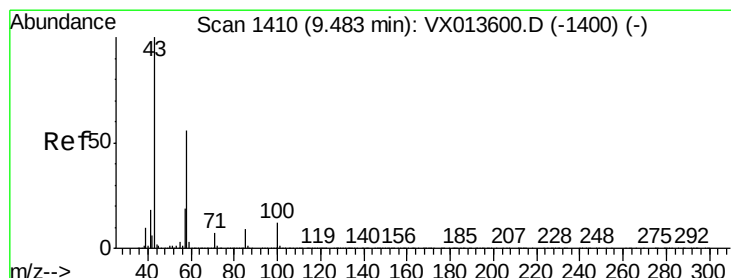
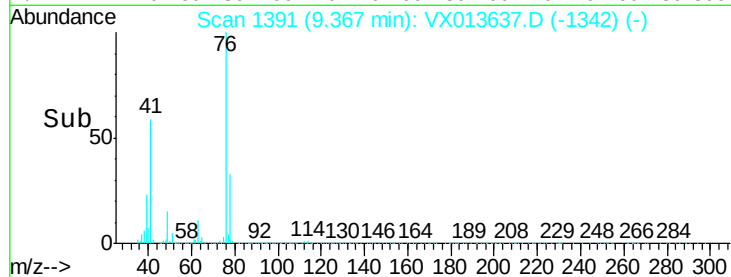
200000

100000

0

Time-->

9.30 9.40 9.50



#59

2-Hexanone

Concen: 246.734 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX013637.D

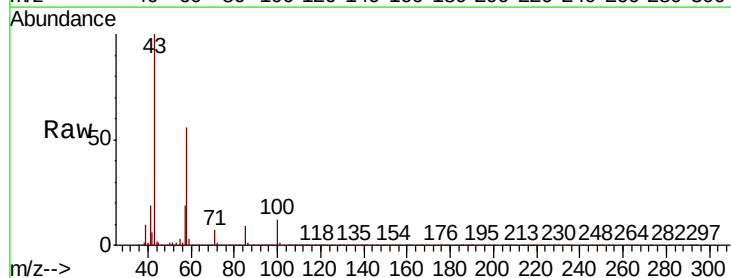
Acq: 27 Nov 2019 06:58

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

9.48

1500000

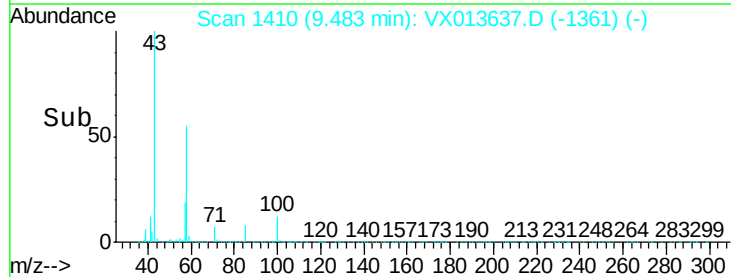
1000000

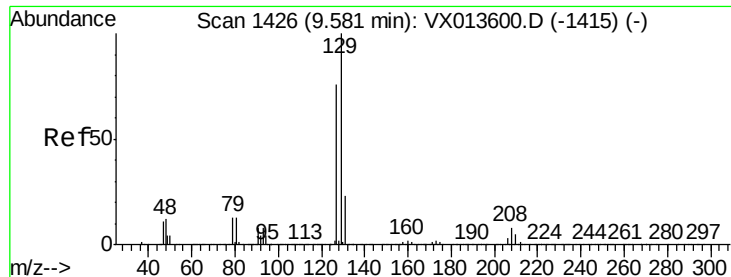
500000

0

Time-->

9.40 9.50 9.60

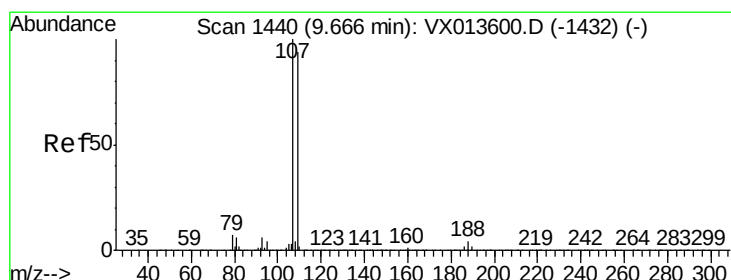
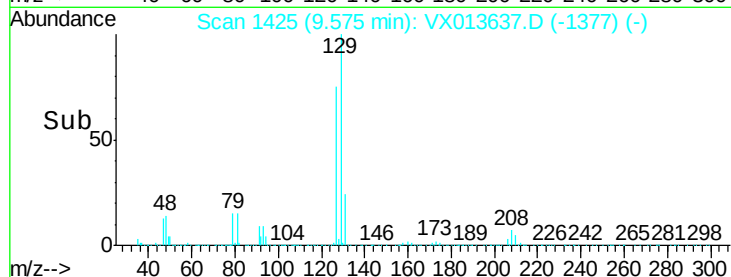
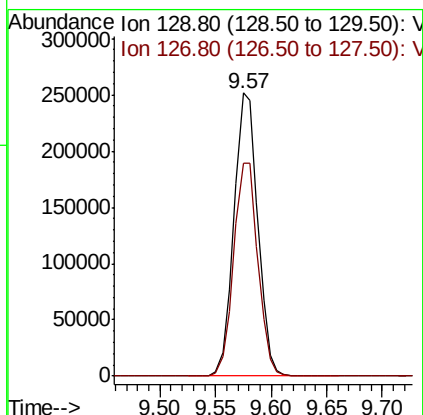
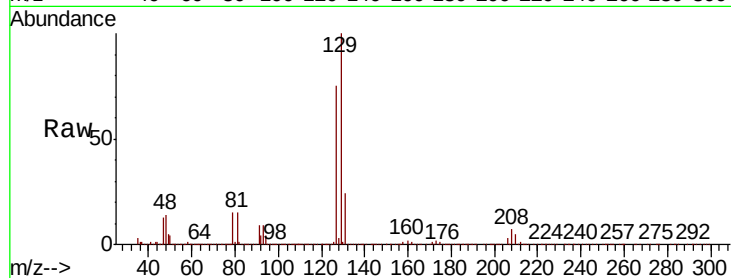




#60
Dibromochloromethane
Concen: 50.027 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

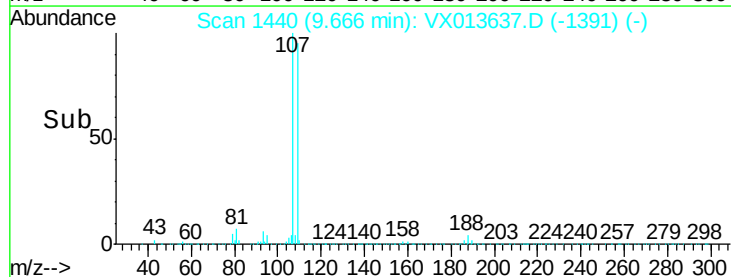
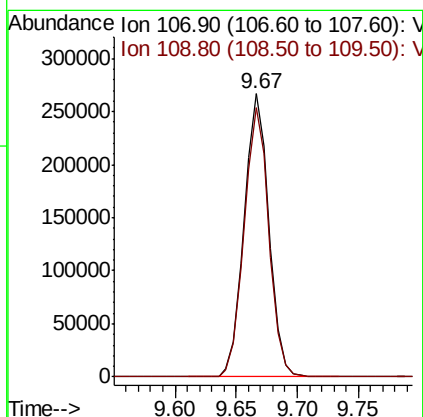
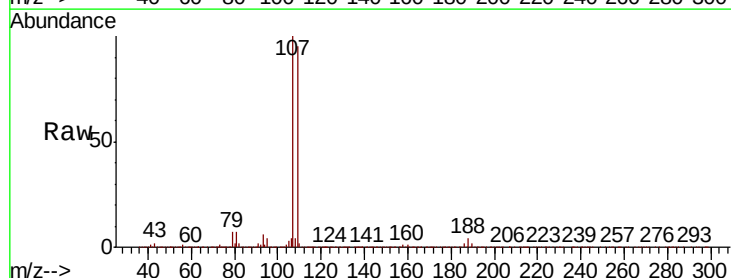
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

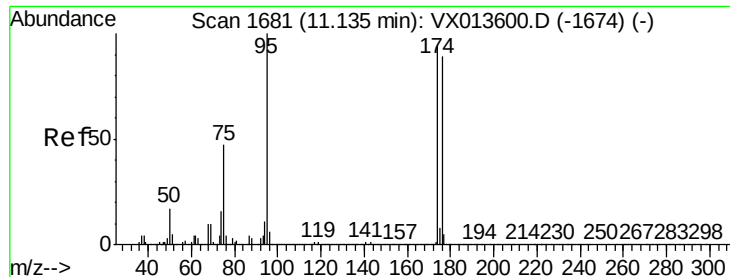
Tot Ion:129 Resp: 372712
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5



#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

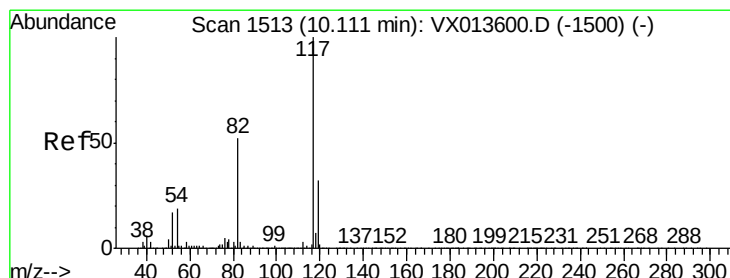
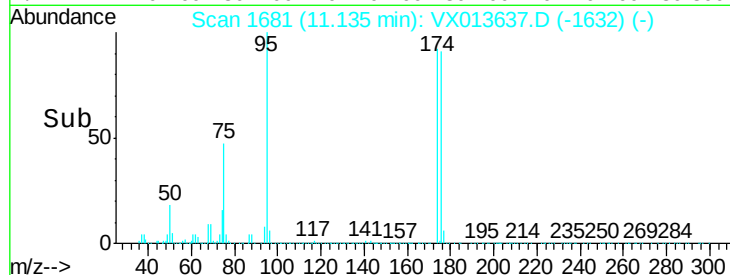
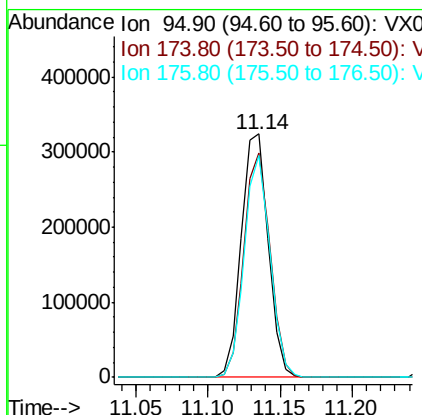
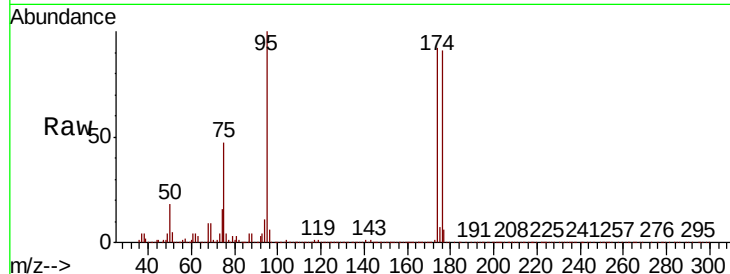




#62
4-Bromofluorobenzene
Concen: 46.819 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

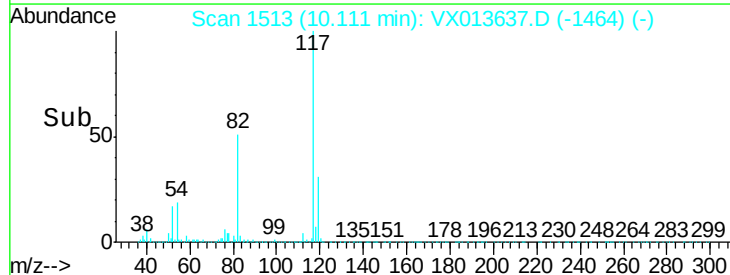
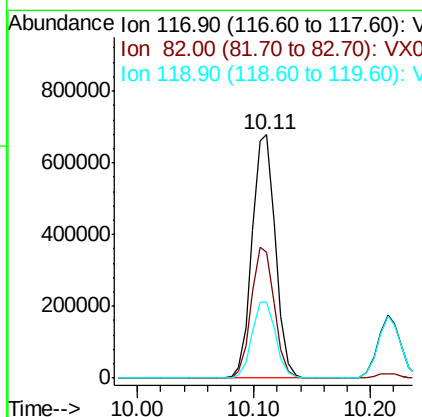
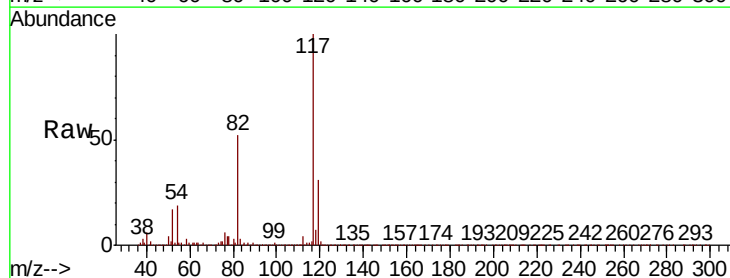
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

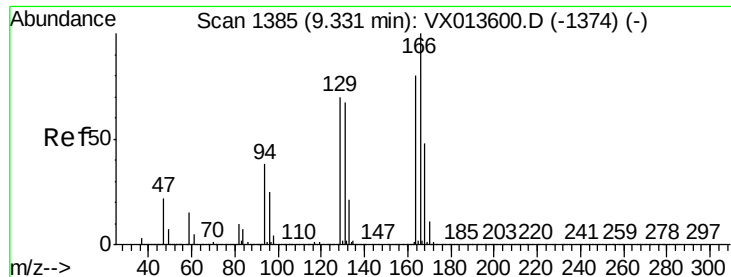
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	180.0
176	86.6	0.0	173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.8	62.8
119	31.1	25.8	38.8





#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 :

GR-OF-20191121MS

Tot Ion:164 Resp: 329821

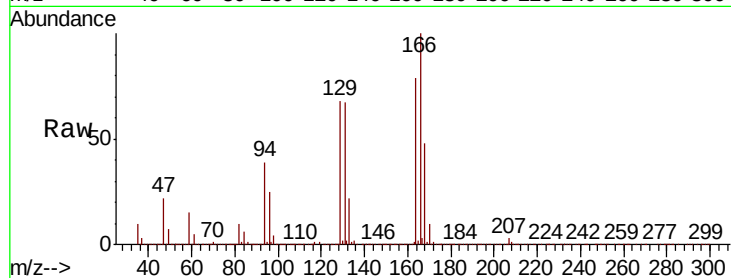
Ion Ratio Lower Upper

164 100

166 127.2 99.7 149.5

129 86.8 70.1 105.1

131 85.1 66.9 100.3

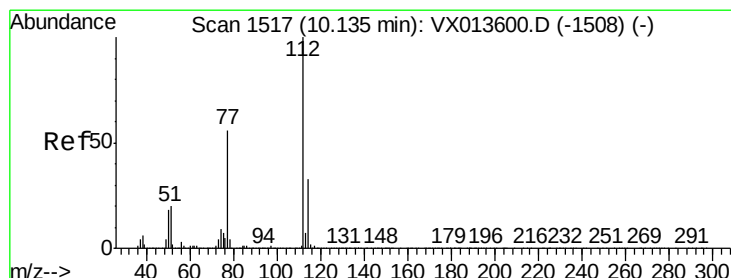
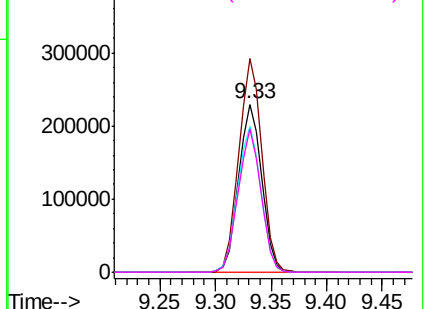
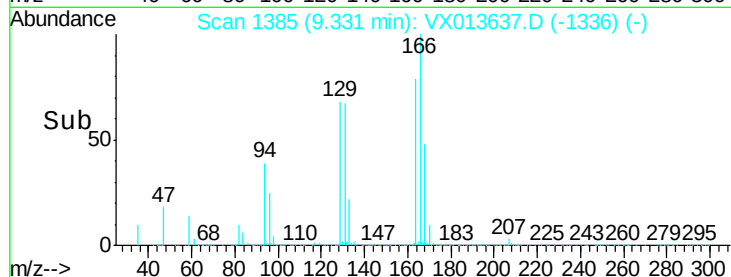


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.783 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013637.D

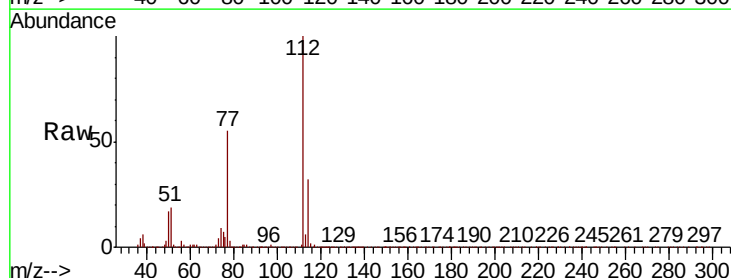
Acq: 27 Nov 2019 06:58

Tgt Ion:112 Resp: 939108

Ion Ratio Lower Upper

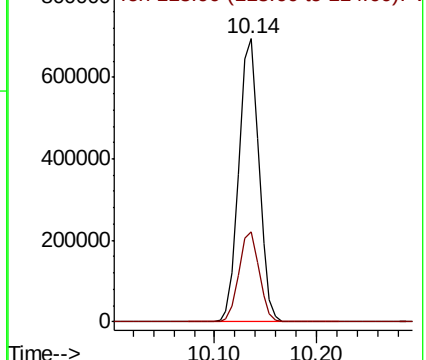
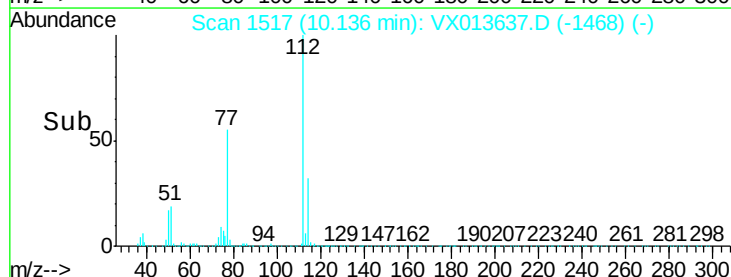
112 100

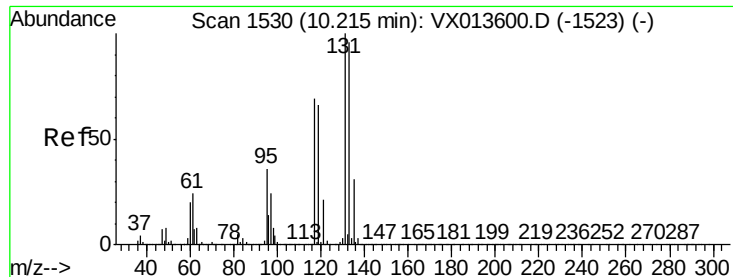
114 31.6 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 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 :

GR-OF-20191121MS

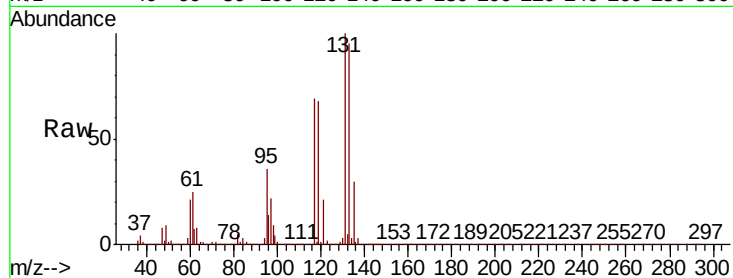
Tot Ion:131 Resp: 348416

Ion Ratio Lower Upper

131 100

133 95.2 47.7 143.1

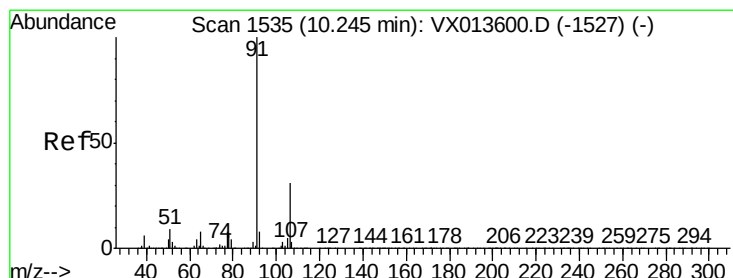
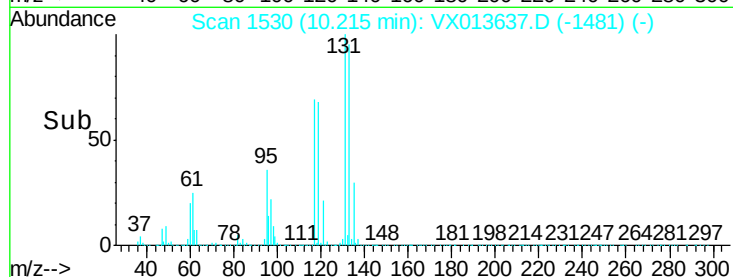
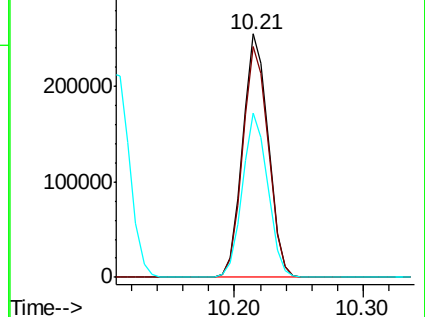
119 66.6 32.9 98.6



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

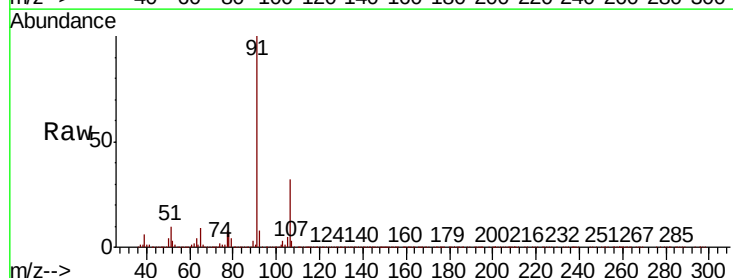
Acq: 27 Nov 2019 06:58

Tgt Ion: 91 Resp: 1657772

Ion Ratio Lower Upper

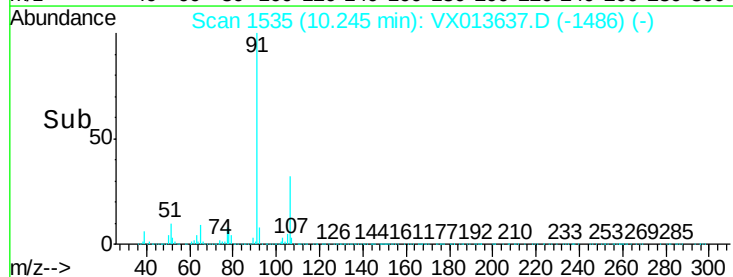
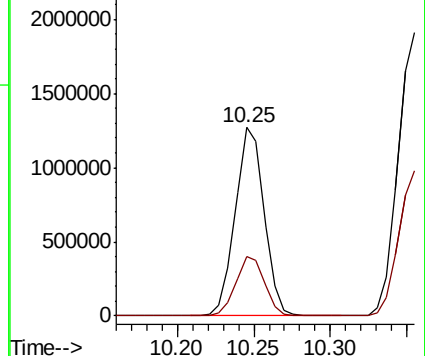
91 100

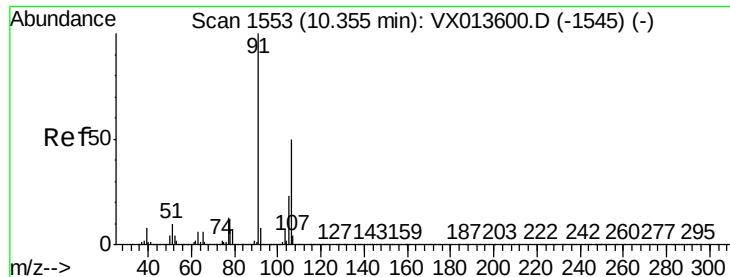
106 31.6 24.5 36.7



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 :

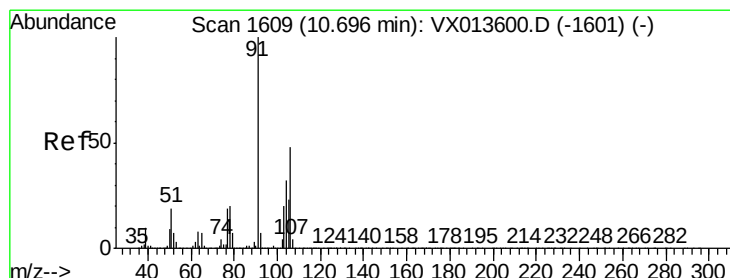
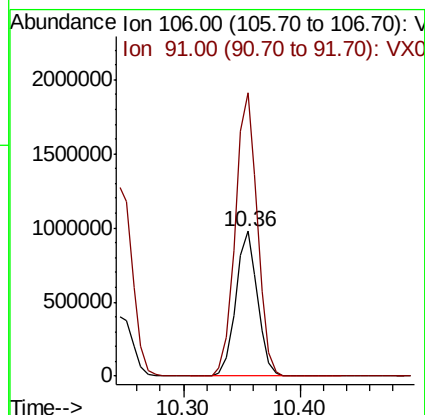
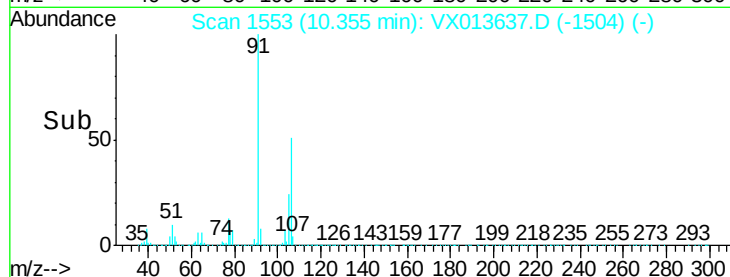
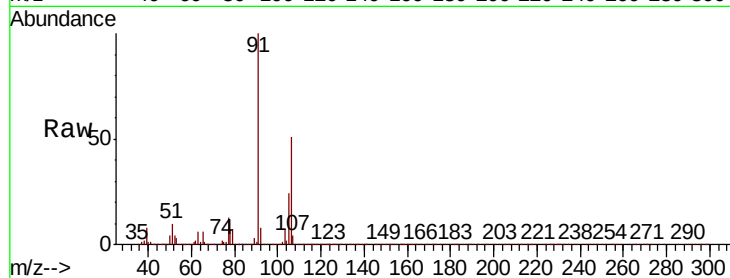
GR-OF-20191121MS

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

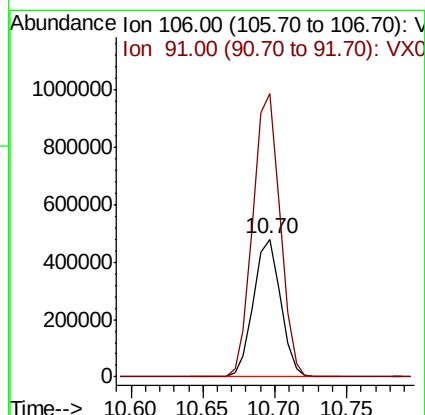
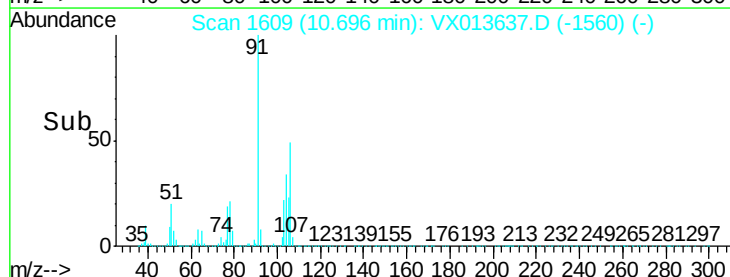
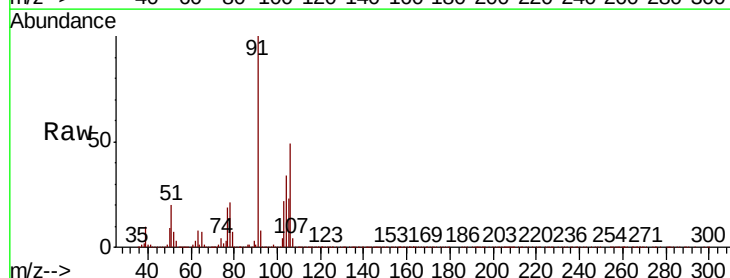
Acq: 27 Nov 2019 06:58

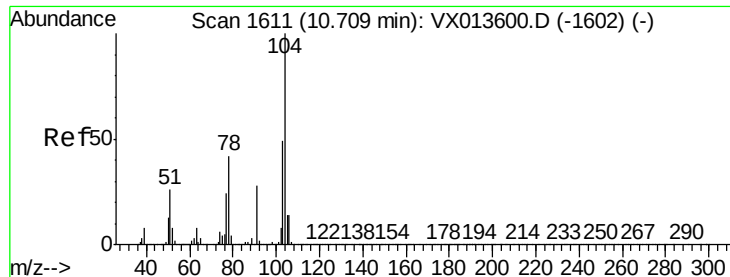
Tgt Ion:106 Resp: 619508

Ion Ratio Lower Upper

106 100

91 207.8 104.1 312.2

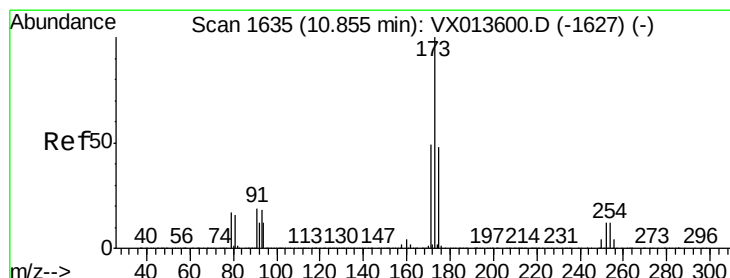
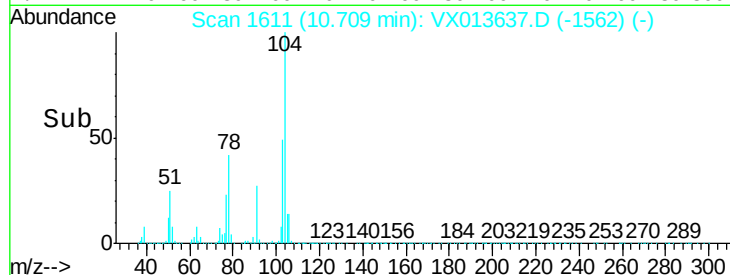
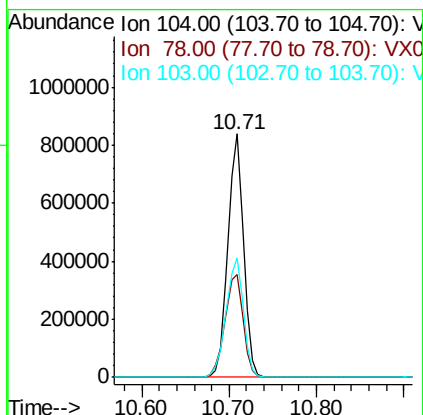
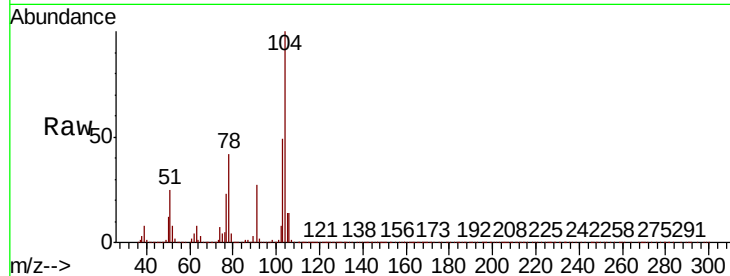




#70
Stvrene
Concen: 49.296 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

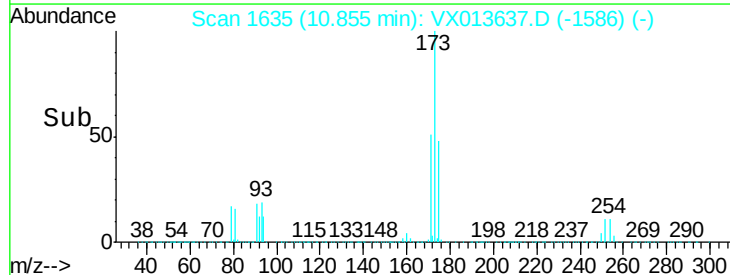
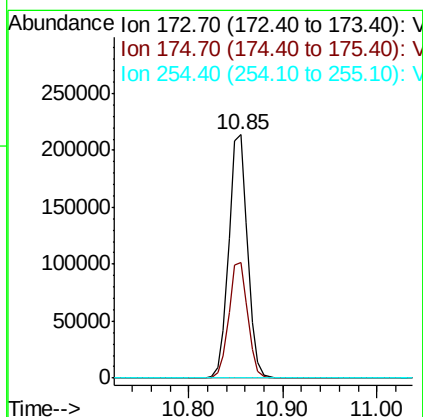
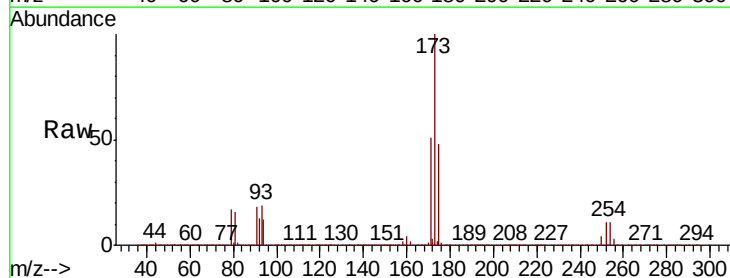
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

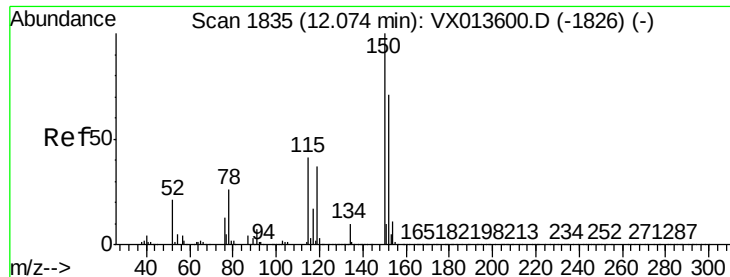
Tot Ion:104 Resp: 1045718
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 54.1 43.7 65.5



#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#



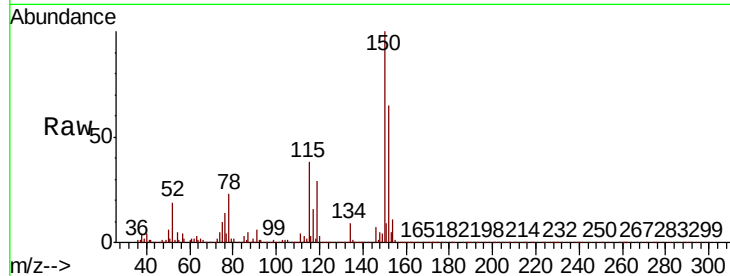


#72

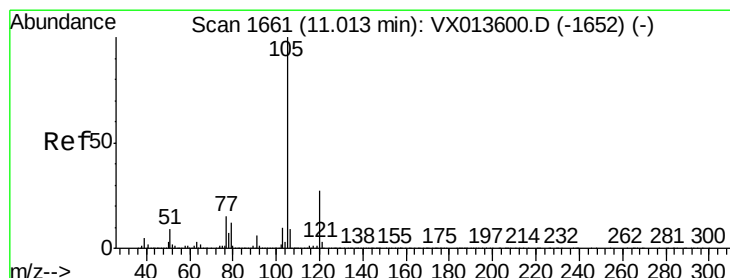
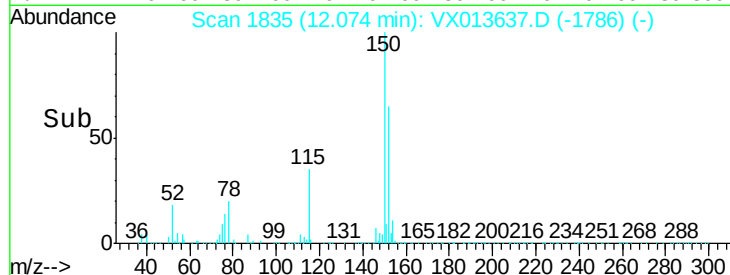
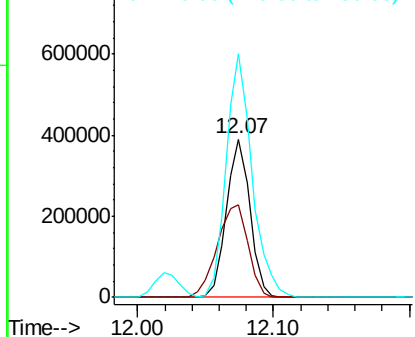
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

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



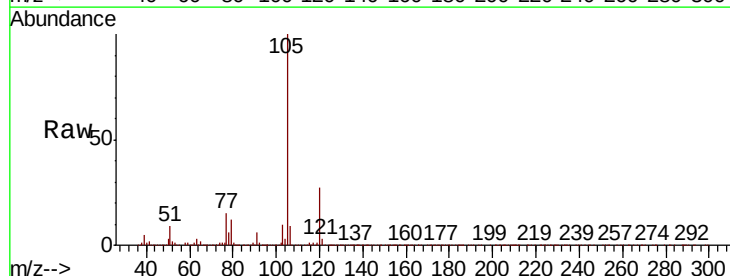
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



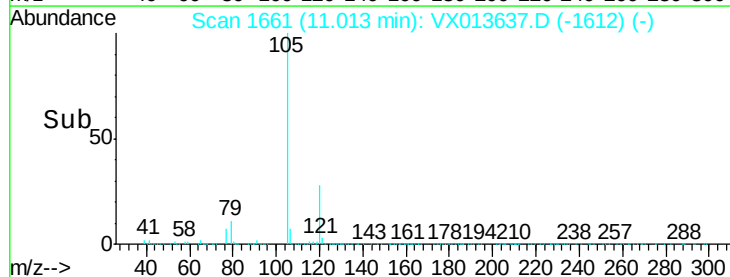
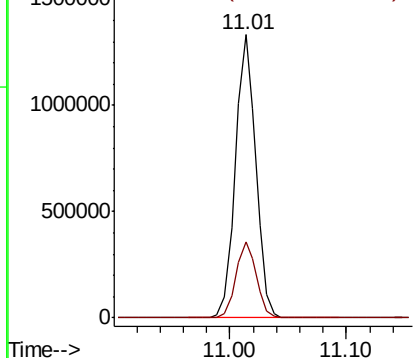
#73

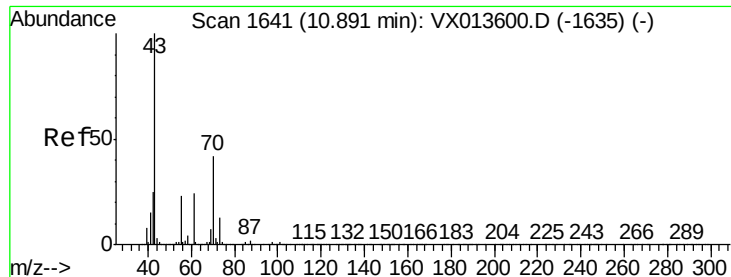
Isopropylbenzene
Concen: 49.521 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

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

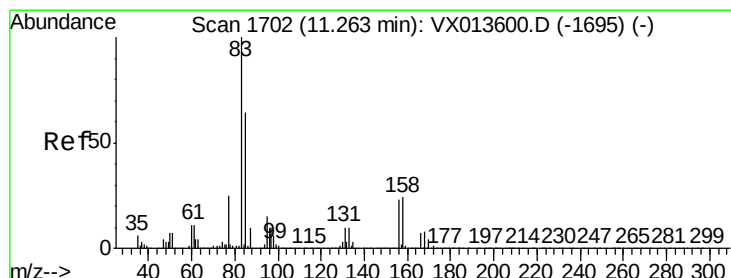
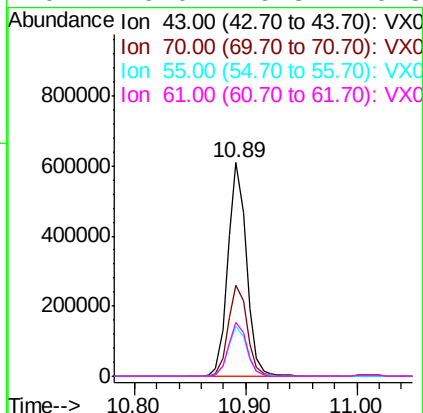
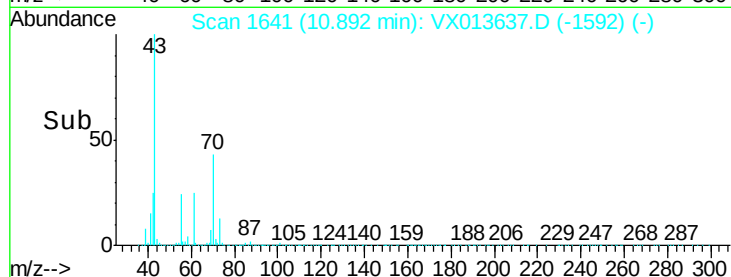
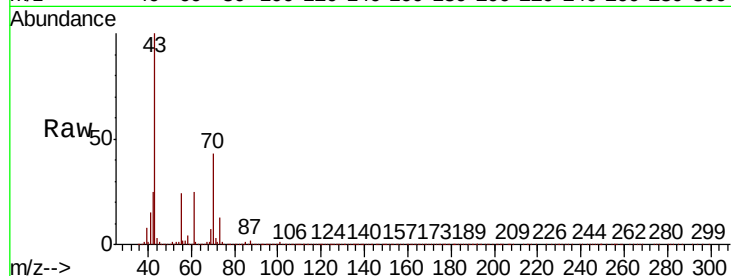




#74
N-amvl acetate
Concen: 46.609 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

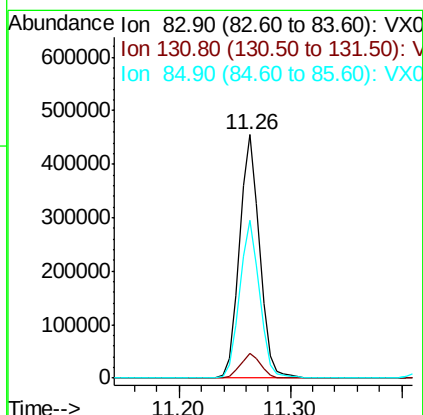
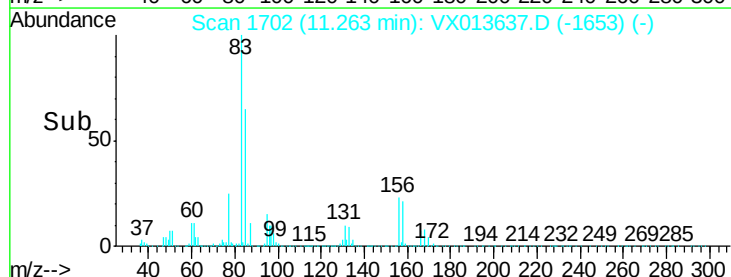
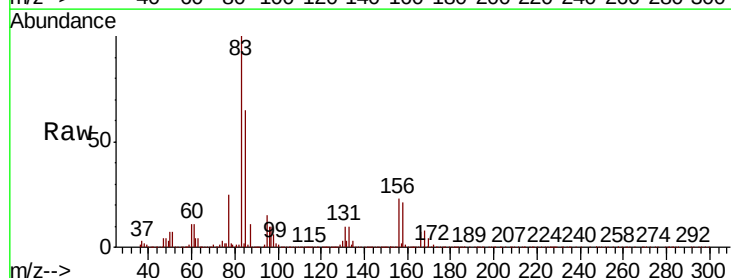
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

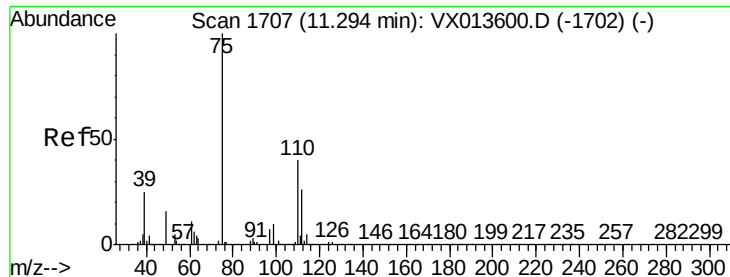
Tot Ion:	43	Resp:	699715
Ion	Ratio	Lower	Upper
43	100		
70	43.9	34.3	51.5
55	23.8	18.5	27.7
61	25.0	19.8	29.8



#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

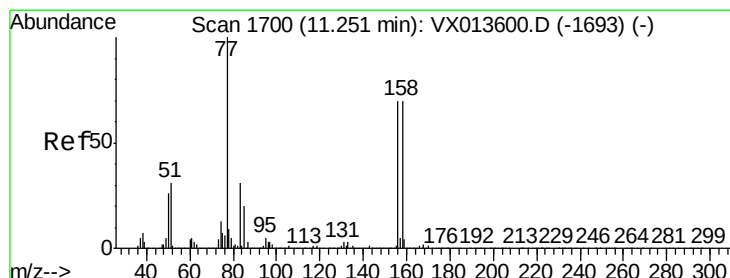
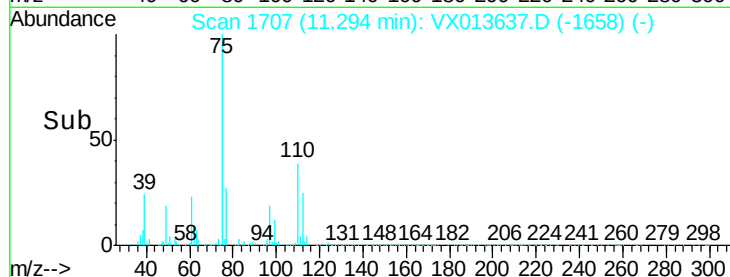
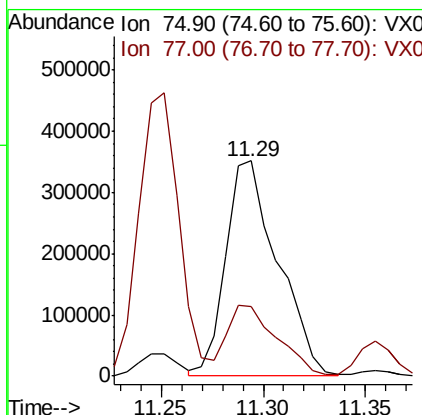
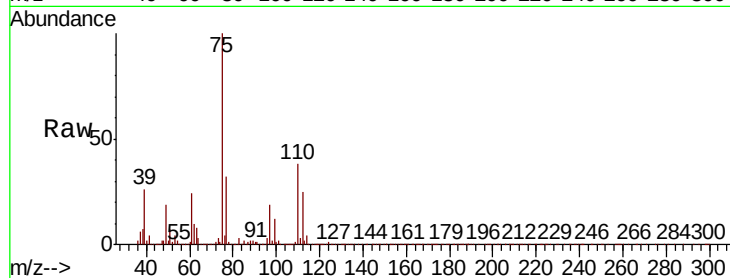




#76
 1,2,3-Trichloropropane
 Concen: 59.072 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

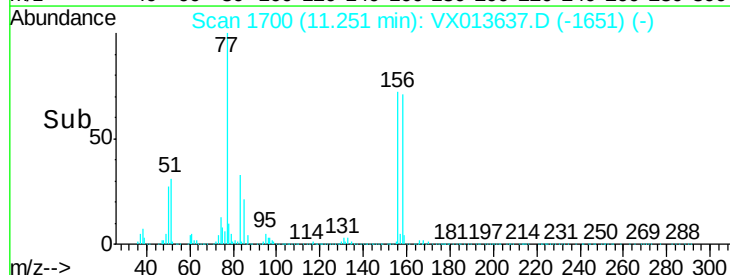
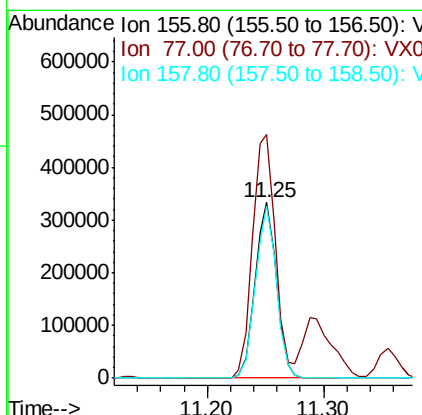
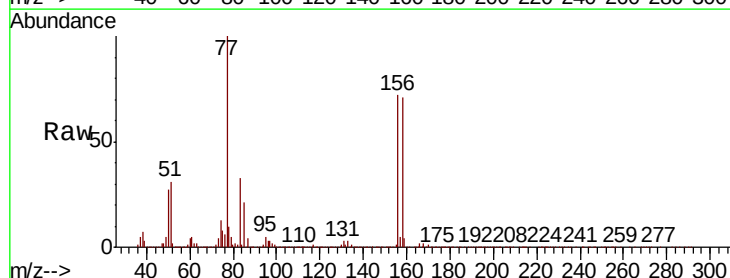
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

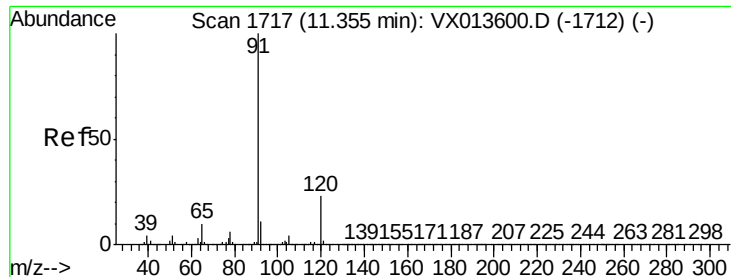
Tot Ion: 75 Resp: 620737
 Ion Ratio Lower Upper
 75 100
 77 31.1 19.1 57.5



#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 :

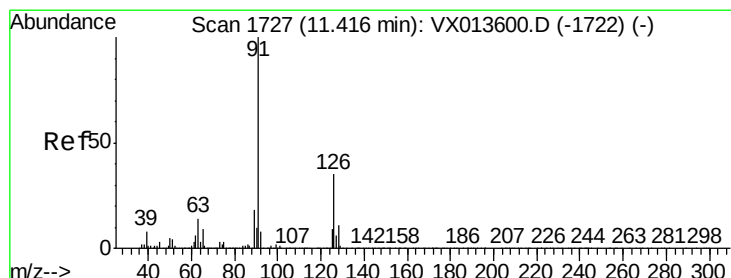
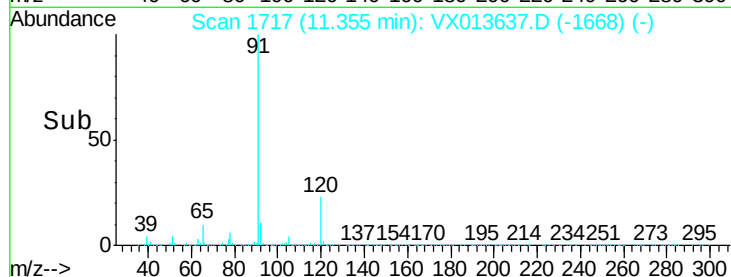
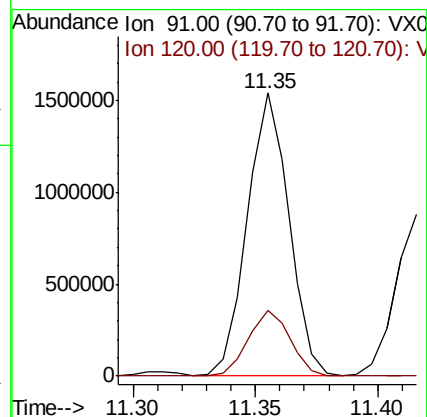
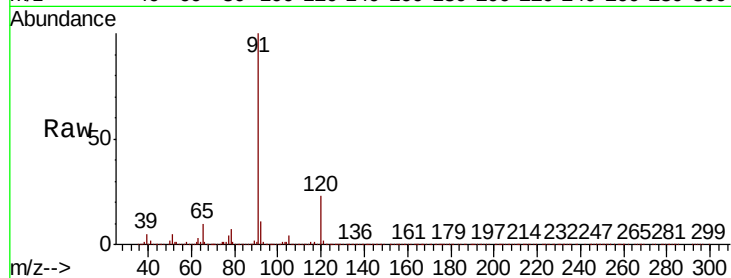
GR-OF-20191121MS

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

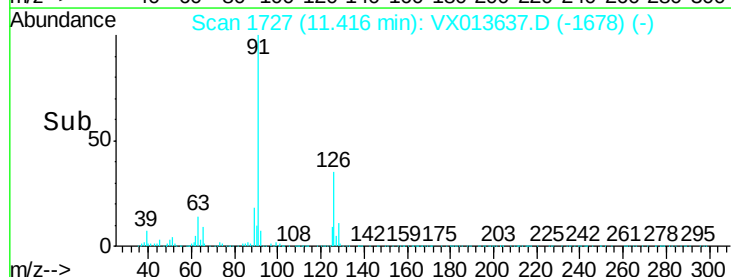
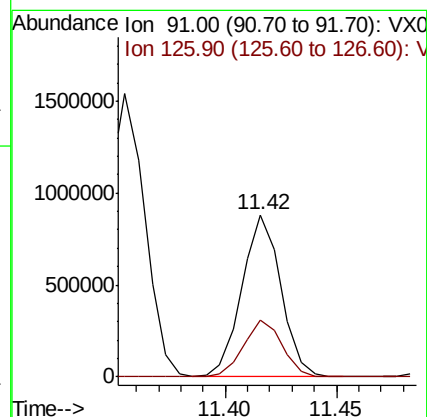
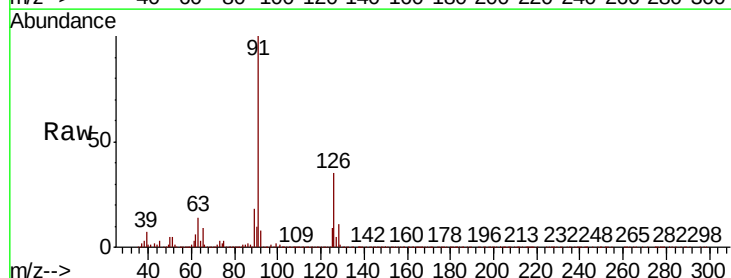
Acq: 27 Nov 2019 06:58

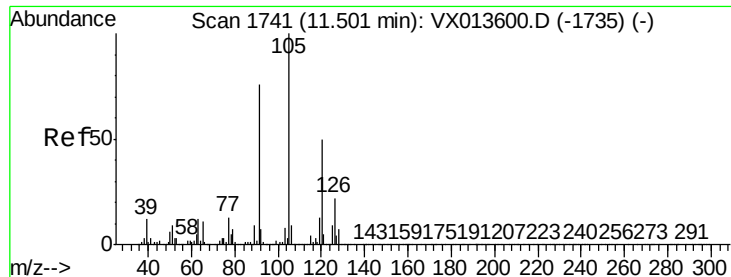
Tgt Ion: 91 Resp: 1074608

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 :

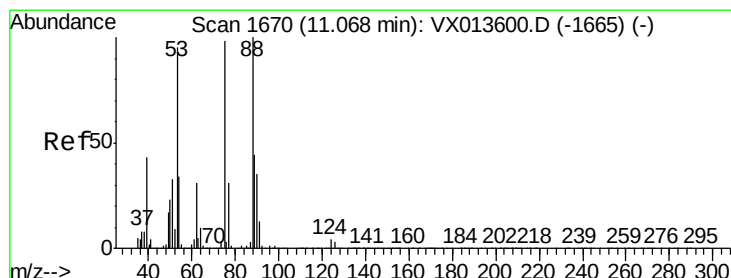
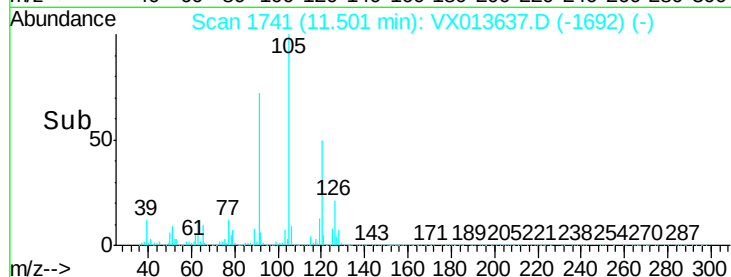
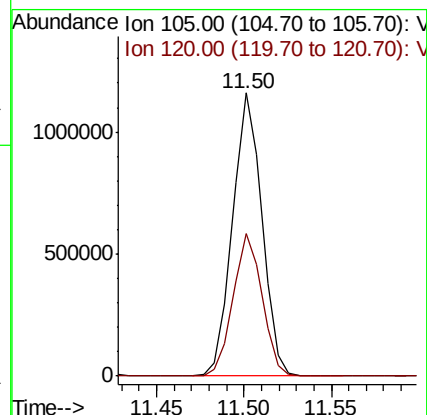
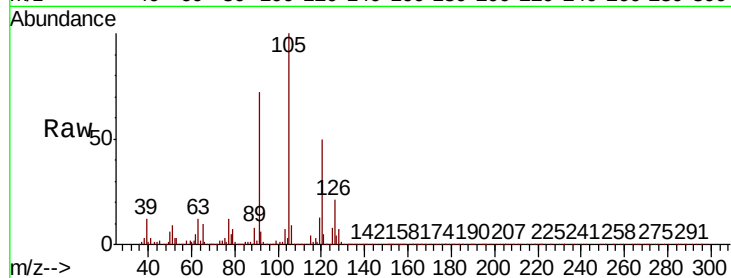
GR-OF-20191121MS

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

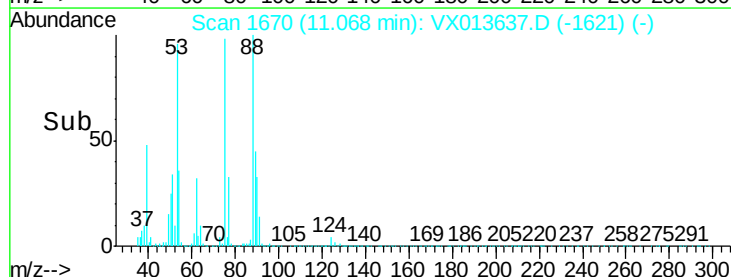
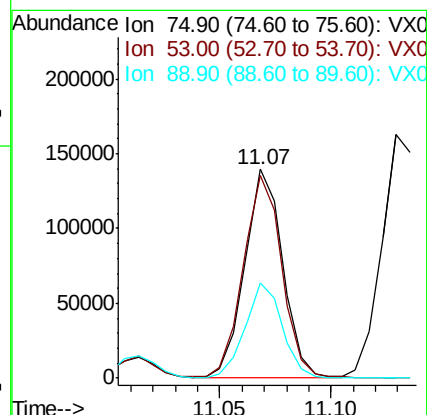
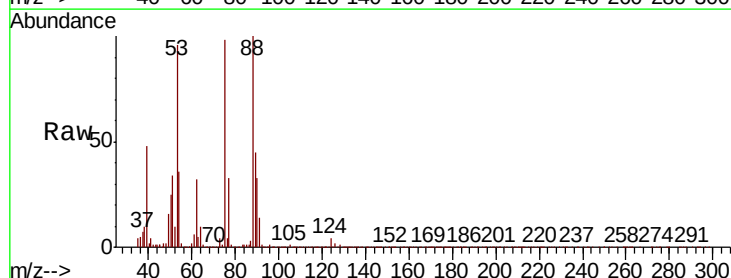
Tgt Ion: 75 Resp: 165993

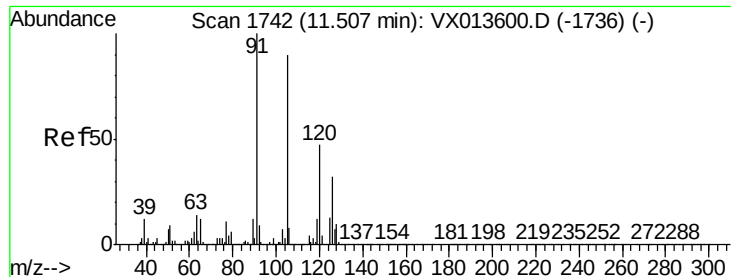
Ion Ratio Lower Upper

75 100

53 98.7 78.2 117.2

89 45.5 35.4 53.2

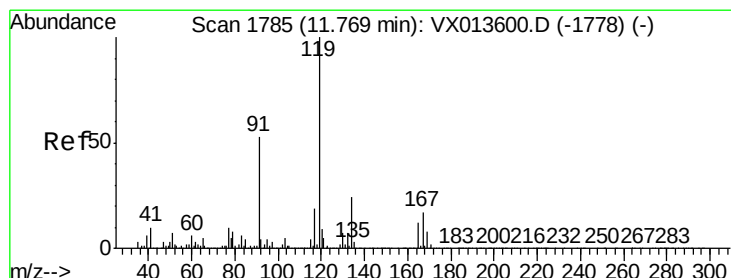
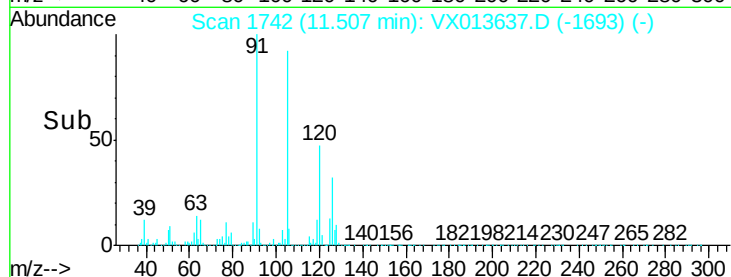
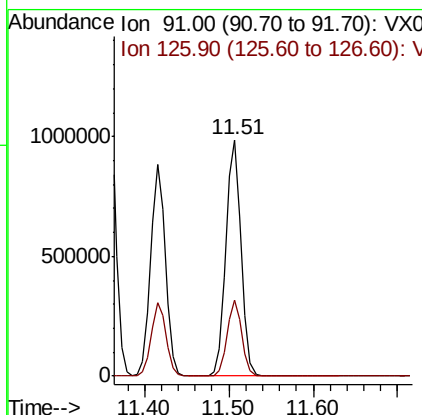
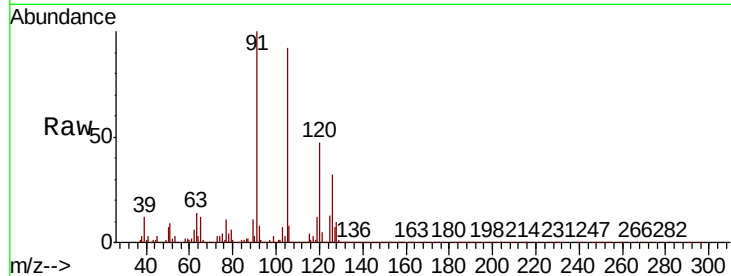




#82
4-Chlorotoluene
Concen: 48.452 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

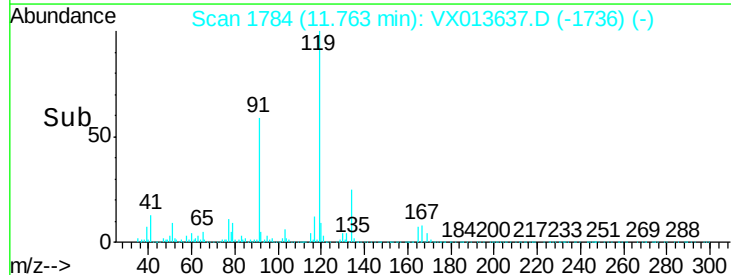
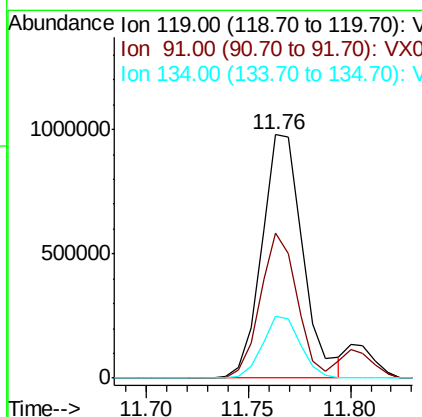
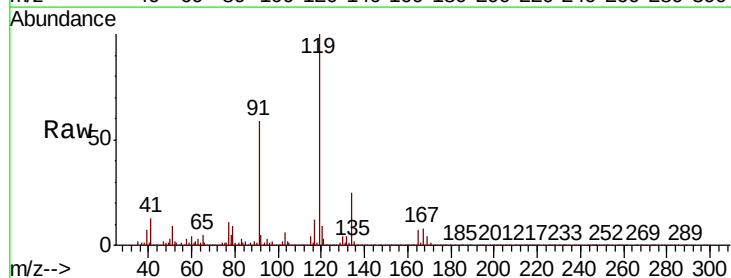
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

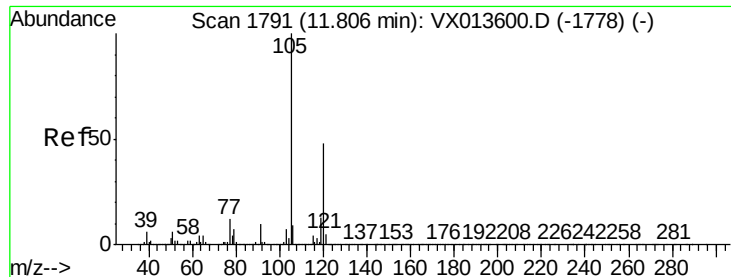
Tot Ion: 91 Resp: 1231546
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0



#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

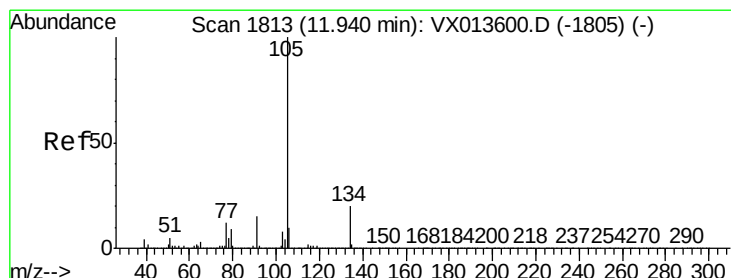
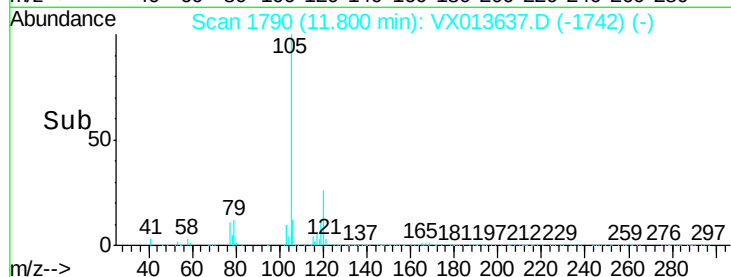
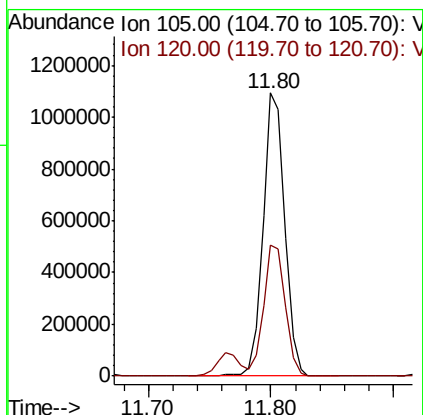
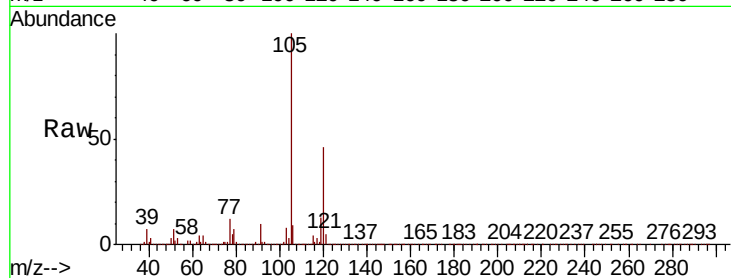




#84
1,2,4-Trimethylbenzene
Concen: 49.589 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

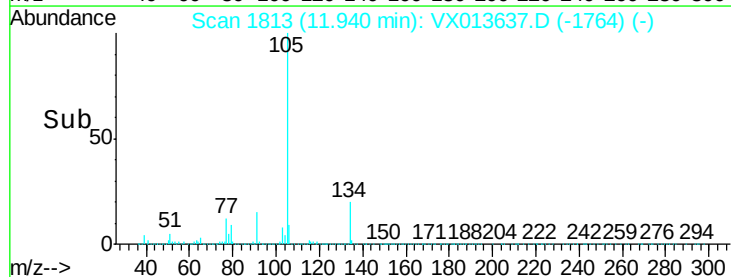
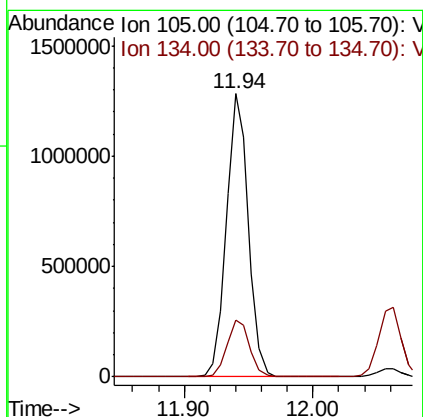
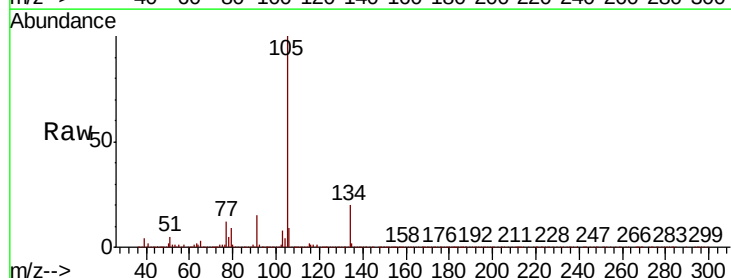
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

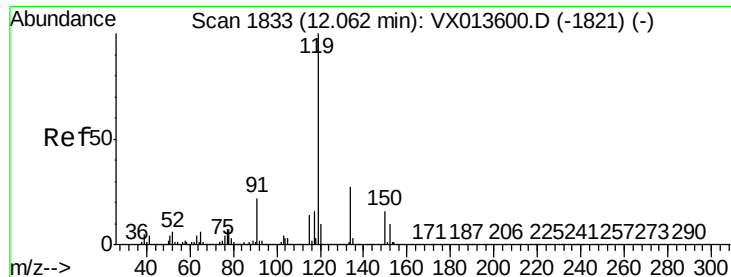
Tot Ion:105 Resp: 1351802
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3



#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





#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 :

GR-OF-20191121MS

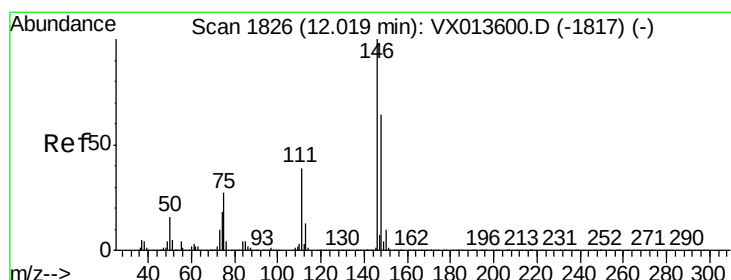
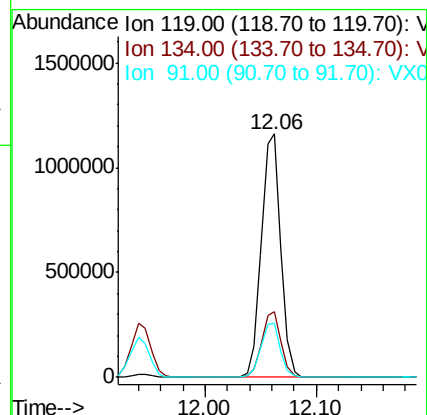
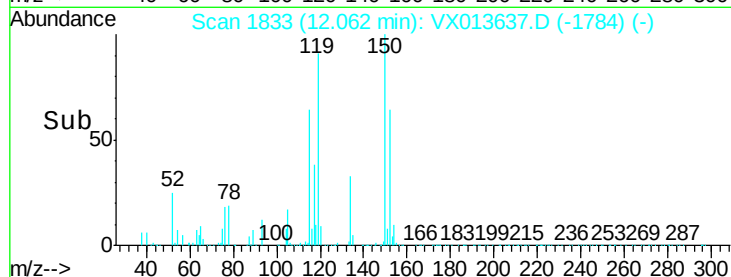
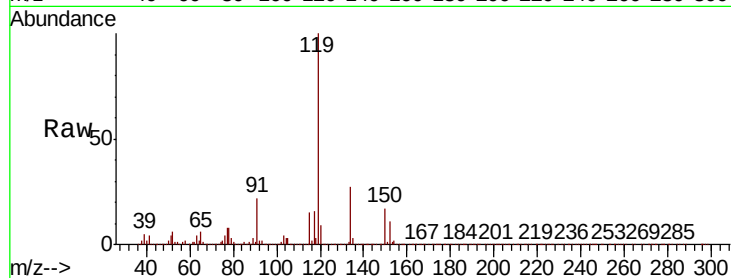
Tot Ion:119 Resp: 1410722

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

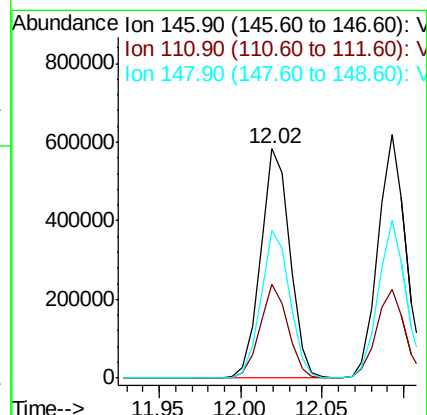
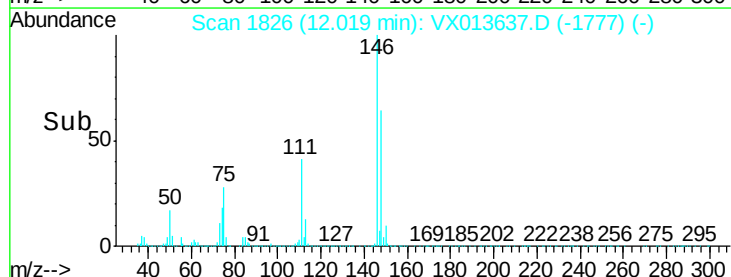
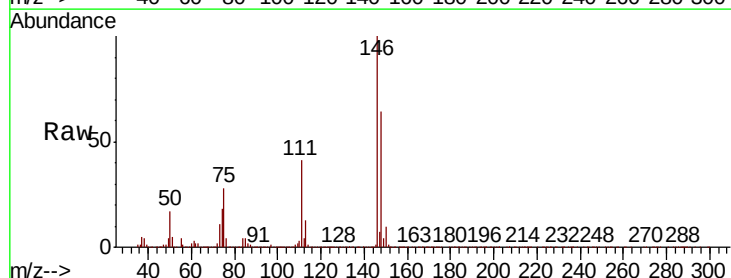
Tgt Ion:146 Resp: 727183

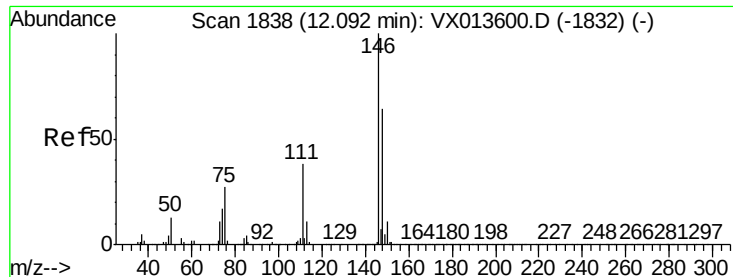
Ion Ratio Lower Upper

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 :

GR-OF-20191121MS

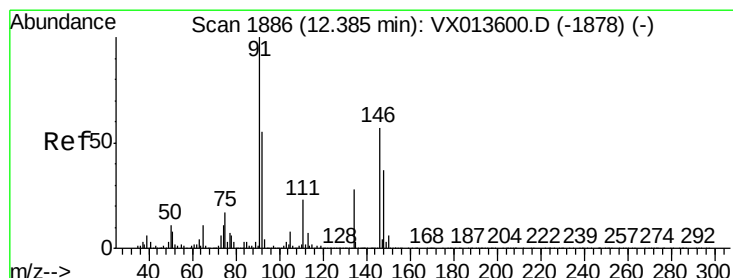
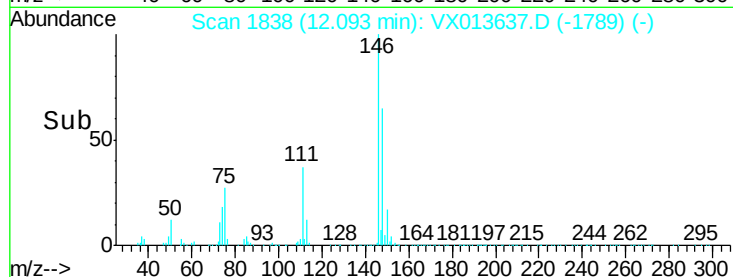
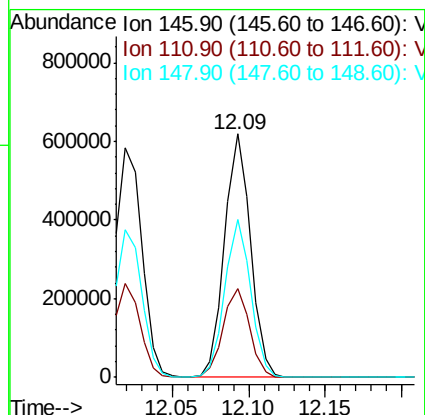
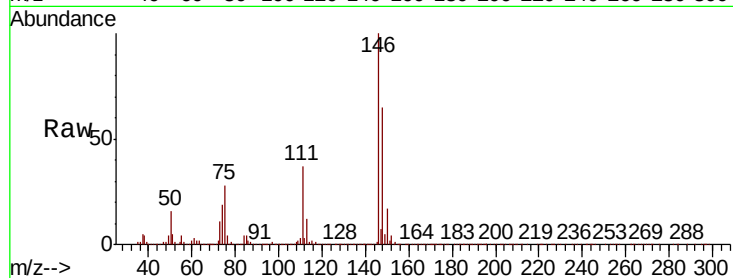
Tot Ion:146 Resp: 728505

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

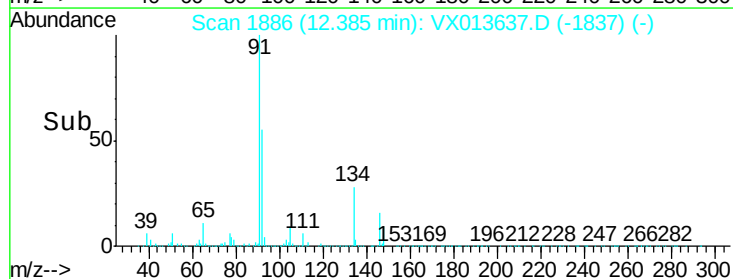
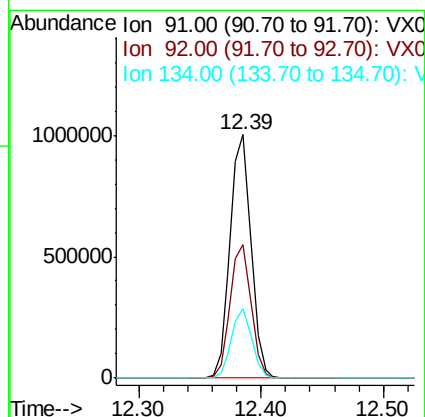
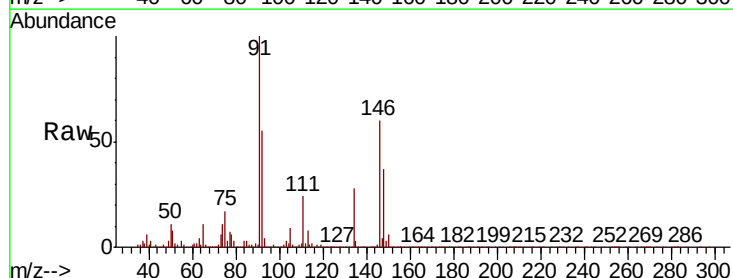
Tgt Ion: 91 Resp: 1183219

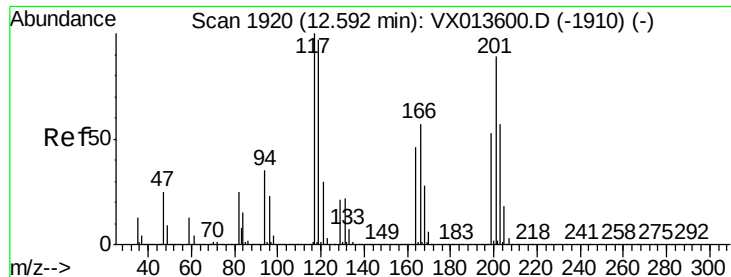
Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.2

134 27.5 13.5 40.4

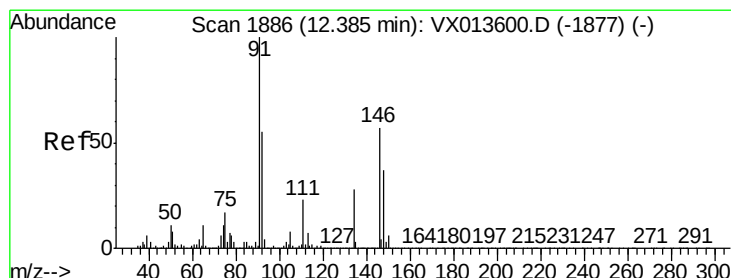
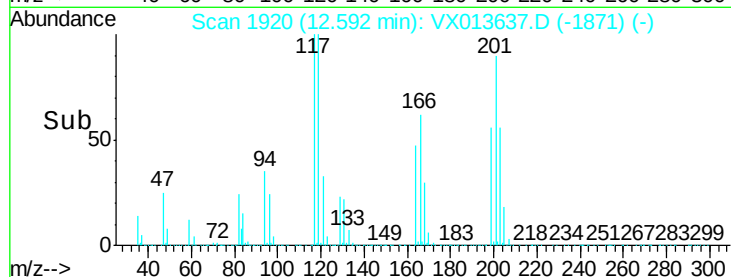
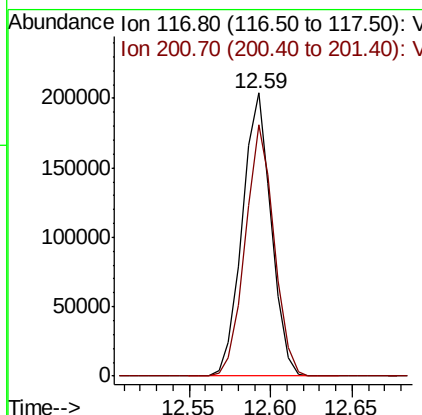
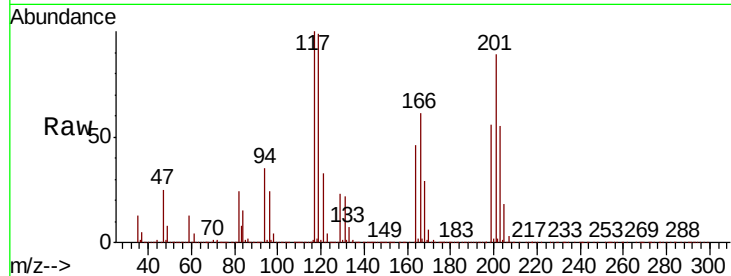




#90
Hexachloroethane
Concen: 48.059 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

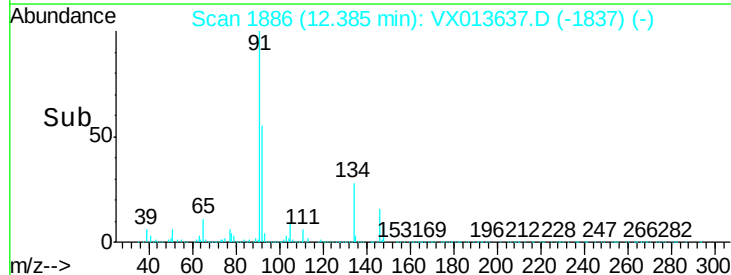
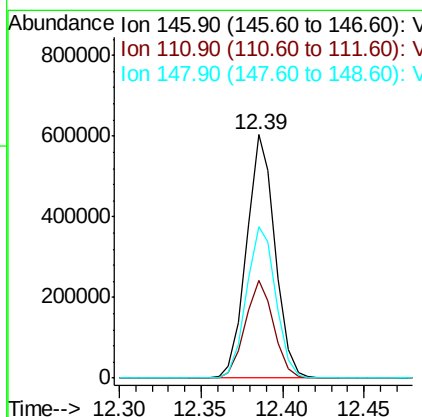
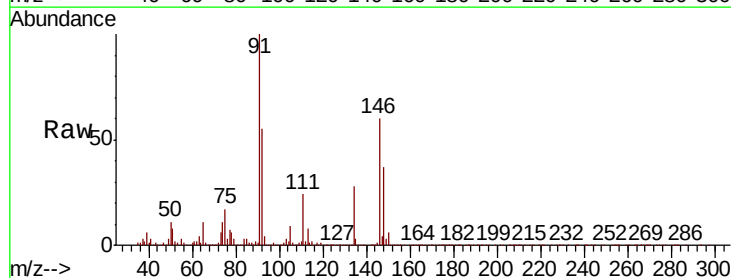
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

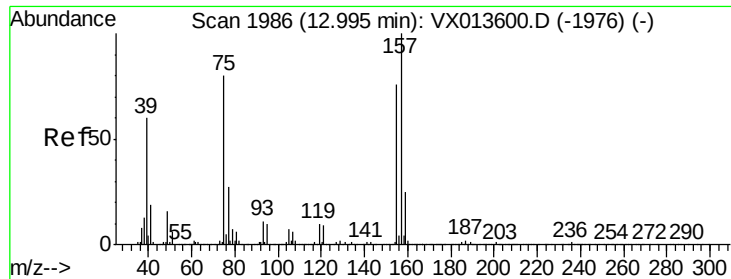
Tot Ion:117 Resp: 251967
Ion Ratio Lower Upper
117 100
201 88.6 44.1 132.4



#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 :

GR-OF-20191121MS

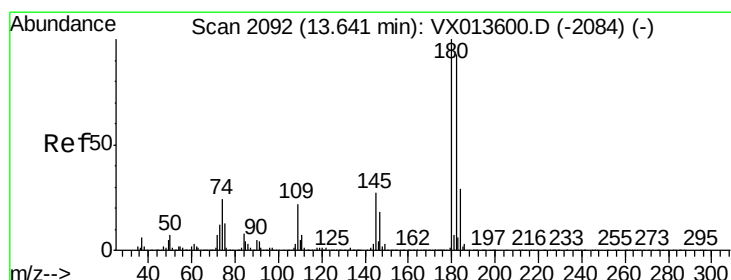
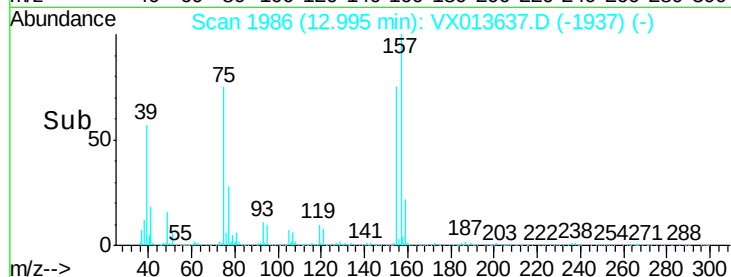
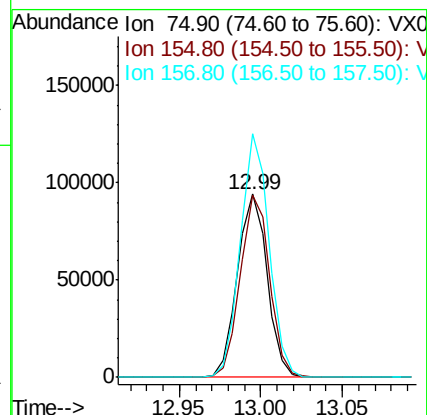
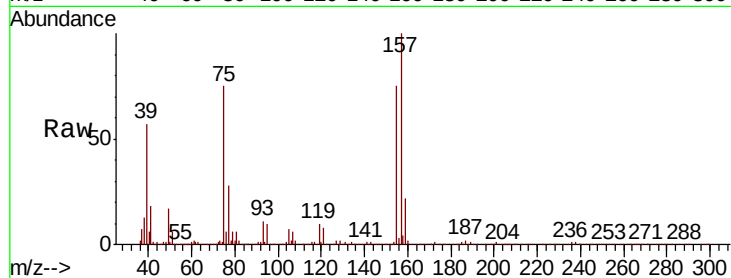
Tot Ion: 75 Resp: 119670

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

75 100

155 98.4 47.6 142.8

157 128.6 62.1 186.2



#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

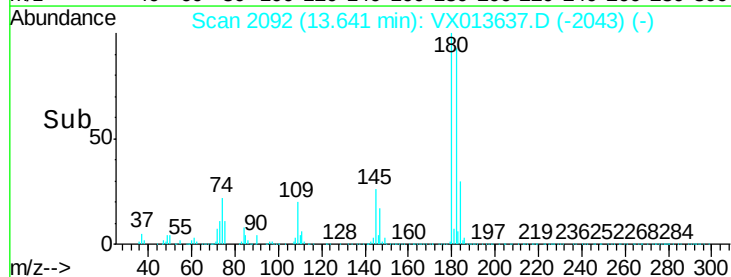
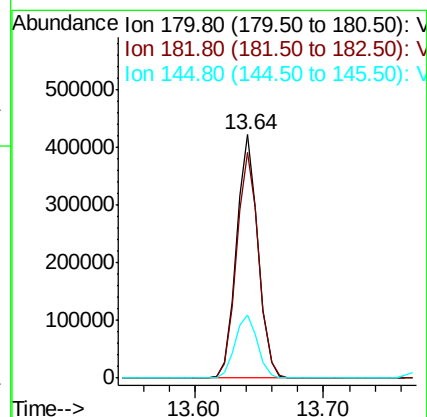
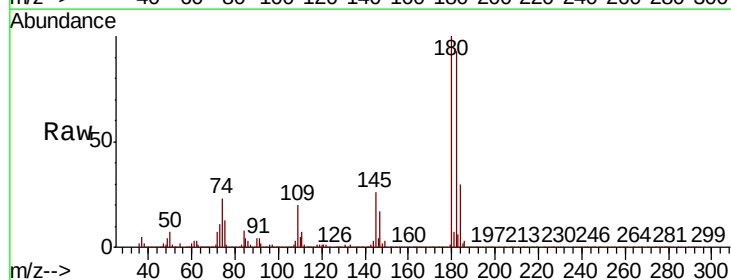
Tgt Ion: 180 Resp: 492915

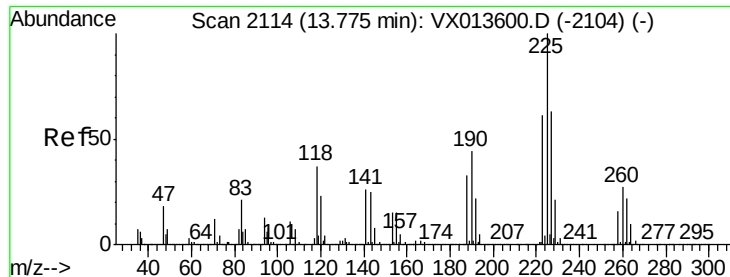
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.2	141.6
145	27.0	13.8	41.4

180 100

182 94.9 47.2 141.6

145 27.0 13.8 41.4





#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 :

GR-OF-20191121MS

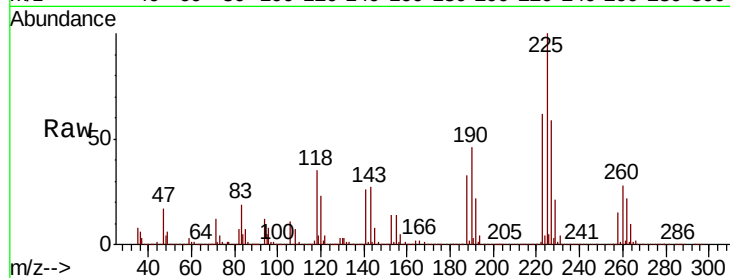
Tot Ion:225 Resp: 221485

Ion Ratio Lower Upper

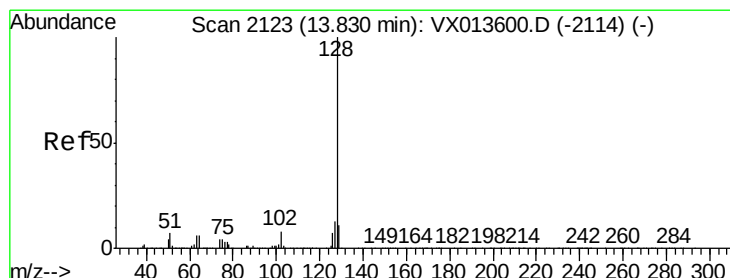
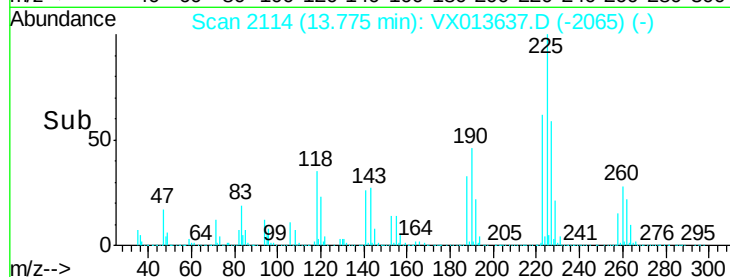
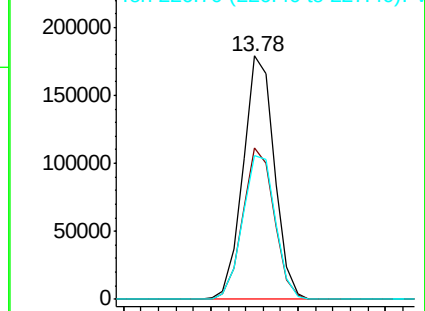
225 100

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

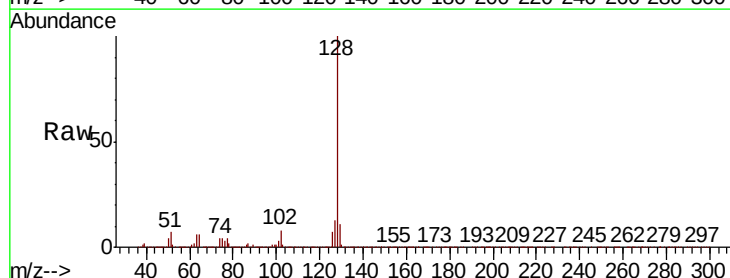
Tgt Ion:128 Resp: 1549332

Ion Ratio Lower Upper

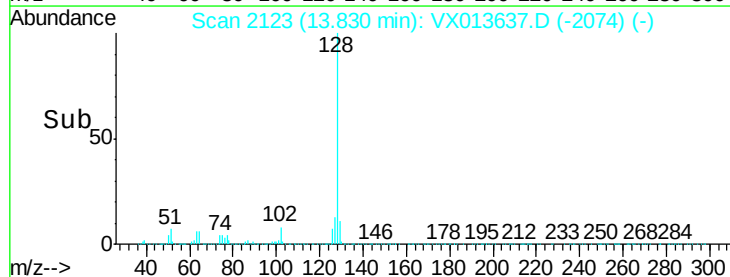
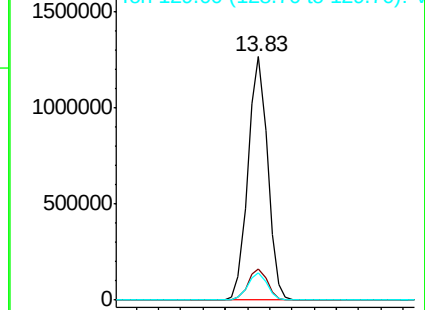
128 100

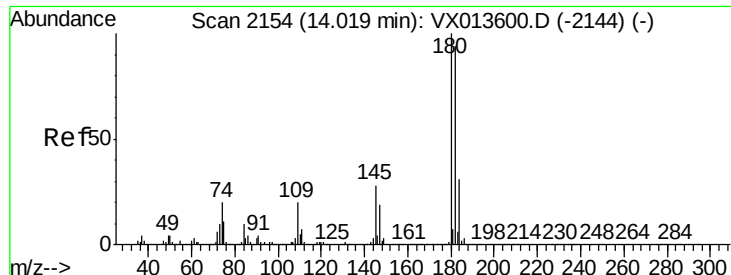
127 12.8 10.3 15.5

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

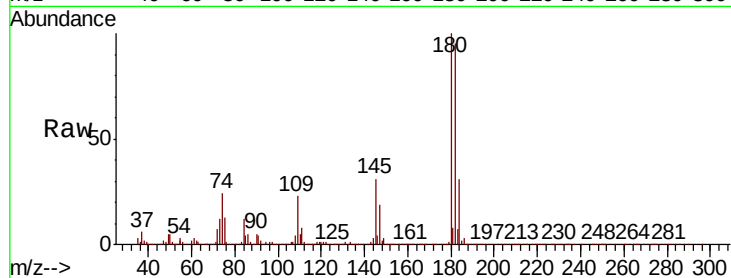




#96
 1,2,3-Trichlorobenzene
 Concen: 47.441 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

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

