

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015030.D
 Acq On : 26 Feb 2020 18:45
 Operator : JC/SP
 Sample : L1683-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Quant Time: Feb 27 02:58:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	396666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	607498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	583916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	217469	48.58	ug/l	0.00
Spiked Amount						
			Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	183616	49.16	ug/l	0.00
Spiked Amount						
			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	695580	48.79	ug/l	0.00
Spiked Amount						
			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.13	95	256189	49.89	ug/l	0.00
Spiked Amount						
			Recovery	=	99.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	177566	47.269	ug/l	99
3) Chloromethane	1.32	50	216392	50.810	ug/l	100
4) Vinyl Chloride	1.40	62	227053	49.489	ug/l	99
5) Bromomethane	1.63	94	131802	44.382	ug/l	98
6) Chloroethane	1.72	64	138709	47.251	ug/l	98
7) Trichlorofluoromethane	1.92	101	288016	44.932	ug/l	100
8) Diethyl Ether	2.18	74	129190	48.602	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	184215	49.510	ug/l	97
10) Methyl Iodide	2.50	142	205019	49.476	ug/l	99
11) Tert butyl alcohol	3.03	59	223675	282.982	ug/l	99
12) 1,1-Dichloroethene	2.37	96	179093	49.258	ug/l	96
13) Acrolein	2.28	56	136418	226.446	ug/l	96
14) Allyl chloride	2.72	41	317937	49.322	ug/l	97
15) Acrylonitrile	3.13	53	572385	285.652	ug/l	99
16) Acetone	2.44	43	474879	195.074	ug/l	97
17) Carbon Disulfide	2.56	76	451524	44.447	ug/l	99
18) Methyl Acetate	2.76	43	266796	59.174	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	617700	52.202	ug/l	99
20) Methylene Chloride	2.85	84	209127	48.562	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	198545	49.490	ug/l	99
22) Diisopropyl ether	3.84	45	665660	54.067	ug/l	94
23) Vinyl Acetate	3.81	43	2724943	268.489	ug/l	99
24) 1,1-Dichloroethane	3.69	63	362653	52.192	ug/l	99
25) 2-Butanone	4.66	43	793979	260.516	ug/l	99
26) 2,2-Dichloropropane	4.57	77	253769	42.378	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	369164	82.318	ug/l	95
28) Bromochloromethane	5.01	49	151756	56.346	ug/l	97
29) Tetrahydrofuran	5.11	42	537385	310.174	ug/l	99
30) Chloroform	5.20	83	356460	51.706	ug/l	96
31) Cyclohexane	5.57	56	312905	49.442	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	297717	49.369	ug/l	99
36) 1,1-Dichloropropene	5.79	75	266131	48.973	ug/l	99
37) Ethyl Acetate	4.82	43	294956	52.040	ug/l	100
38) Carbon Tetrachloride	5.78	117	259208	48.945	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	317186	46.670	ug/l	99
40) Benzene	6.14	78	809542	49.859	ug/l	99
41) Methacrylonitrile	5.03	41	171678	56.226	ug/l	98
42) 1,2-Dichloroethane	6.19	62	282266	48.100	ug/l	97
43) Isopropyl Acetate	6.43	43	486461	52.029	ug/l	99
44) Trichloroethene	7.21	130	236374	50.149	ug/l	96
45) 1,2-Dichloropropane	7.51	63	216366	52.252	ug/l	99
46) Dibromomethane	7.65	93	142327	50.284	ug/l	98
47) Bromodichloromethane	7.89	83	281605	50.177	ug/l	97
48) Methyl methacrylate	7.76	41	248659	54.040	ug/l	98
49) 1,4-Dioxane	7.73	88	96598	1122.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1603054	283.945	ug/l	100
52) Toluene	8.78	92	517511	50.183	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	306009	49.752	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	333743	49.118	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	214344	51.374	ug/l	99
56) Ethyl methacrylate	9.17	69	340304	54.264	ug/l	98
57) 1,3-Dichloropropane	9.37	76	363175	51.710	ug/l	99
59) 2-Hexanone	9.48	43	1206535	271.892	ug/l	98
60) Dibromochloromethane	9.57	129	231287	51.511	ug/l	99
61) 1,2-Dibromoethane	9.67	107	227396	50.513	ug/l	100
64) Tetrachloroethene	9.33	164	222910	40.831	ug/l	98
65) Chlorobenzene	10.14	112	565812	47.775	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	209715	48.775	ug/l	99
67) Ethyl Benzene	10.25	91	986119	48.959	ug/l	99
68) m/p-Xylenes	10.36	106	757033	97.564	ug/l	98
69) o-Xylene	10.70	106	362778	48.637	ug/l	100
70) Styrene	10.71	104	637341	50.509	ug/l	99
71) Bromoform	10.85	173	179292	49.957	ug/l #	100
73) Isopropylbenzene	11.01	105	980269	50.553	ug/l	100
74) N-amyl acetate	10.89	43	418173	51.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	332869	52.513	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	380962	68.132	ug/l	90
77) Bromobenzene	11.25	156	262416	48.486	ug/l	100
78) n-propylbenzene	11.35	91	1118307	49.863	ug/l	100
79) 2-Chlorotoluene	11.42	91	653726	49.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	814009	50.240	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	107775	49.337	ug/l	100
82) 4-Chlorotoluene	11.51	91	755584	48.391	ug/l	100
83) tert-Butylbenzene	11.76	119	814293	53.073	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	820030	50.222	ug/l	100
85) sec-Butylbenzene	11.94	105	956680	50.192	ug/l	99
86) p-Isopropyltoluene	12.06	119	877744	49.211	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	464700	47.861	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	462942	46.690	ug/l	100
89) n-Butylbenzene	12.39	91	781284	48.909	ug/l	99
90) Hexachloroethane	12.59	117	156881	50.366	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	464745	48.809	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73011	49.096	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	325682	46.340	ug/l	100

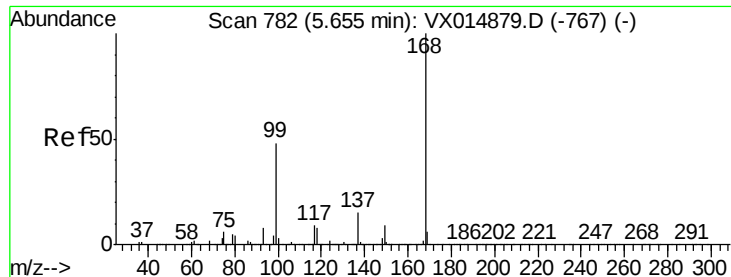
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	160581	47.239	ug/l	99
95) Naphthalene	13.83	128	1001903	53.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	332871	49.023	ug/l	99

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

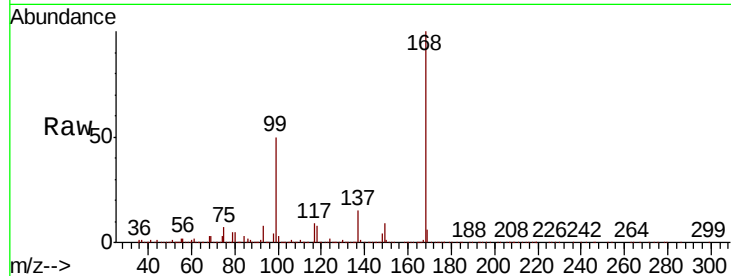


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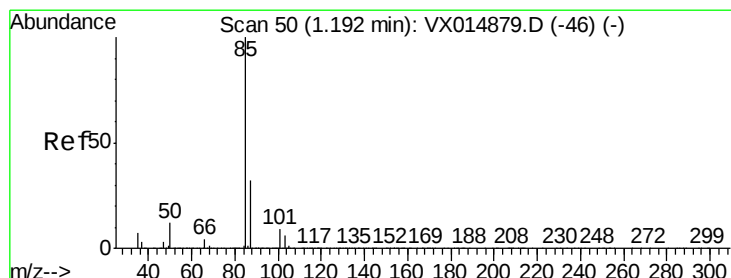
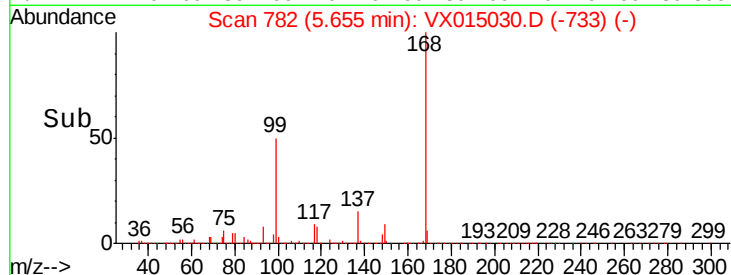
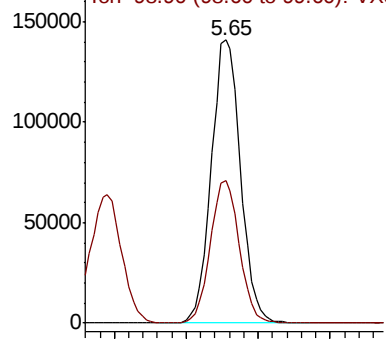
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

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MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion:168 Resp: 396666
Ion Ratio Lower Upper
168 100
99 50.4 38.7 58.1



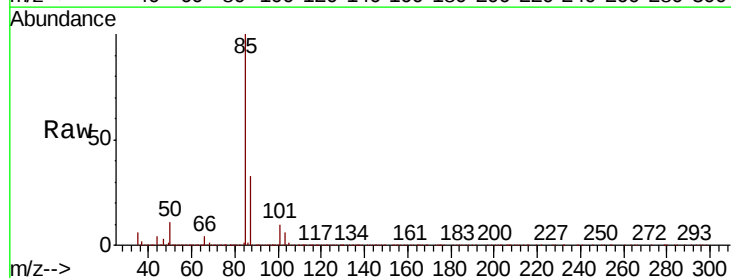
Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0



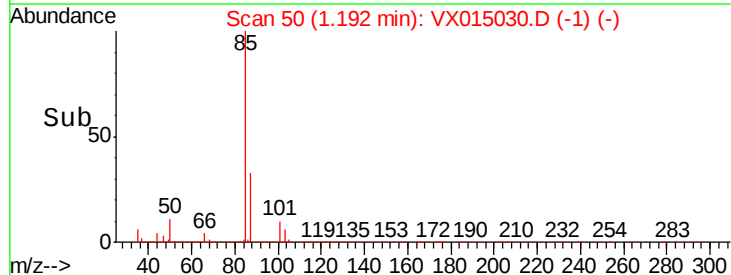
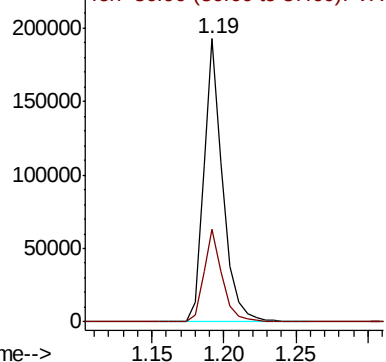
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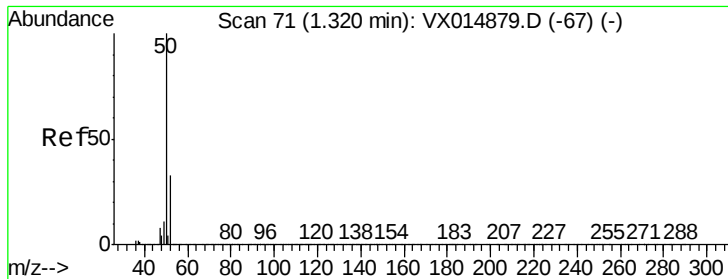
Dichlorodifluoromethane
Concen: 47.269 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 85 Resp: 177566
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.810 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

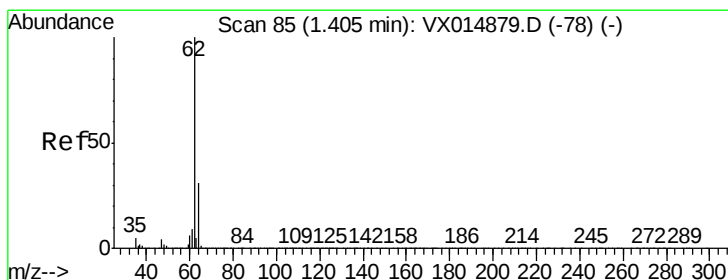
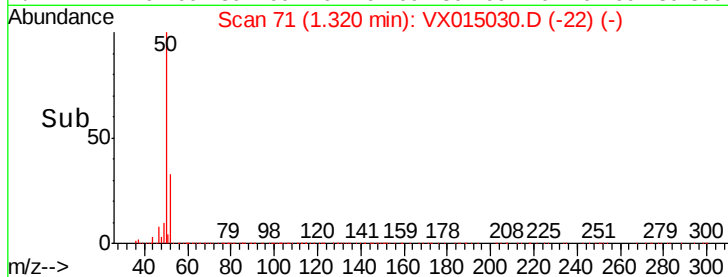
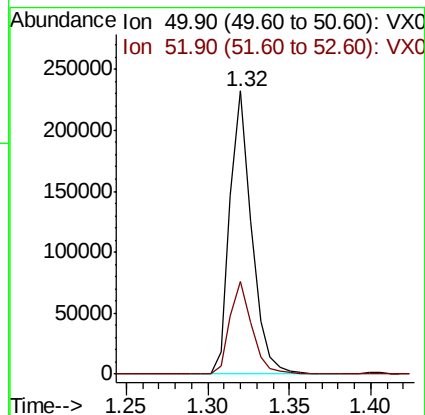
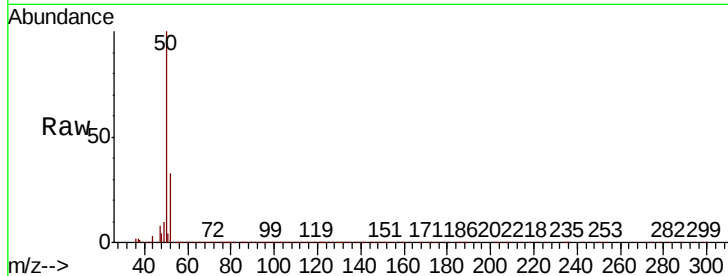
GR-OF-20200225MSD

Tot Ion: 50 Resp: 216392

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 49.489 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015030.D

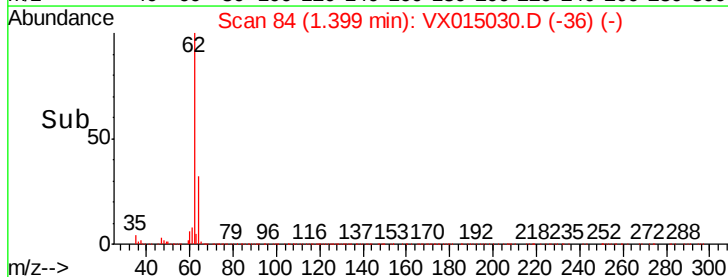
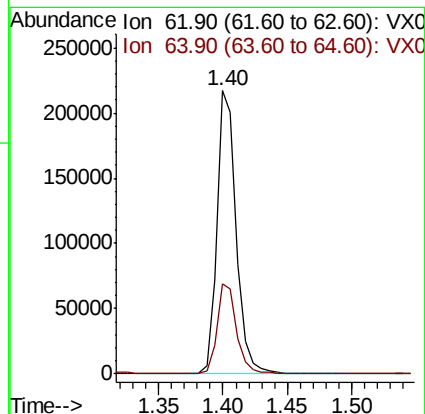
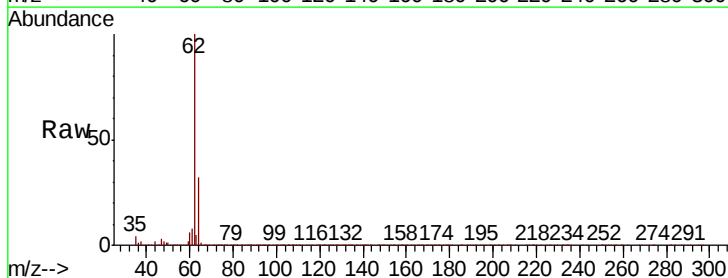
Acq: 26 Feb 2020 18:45

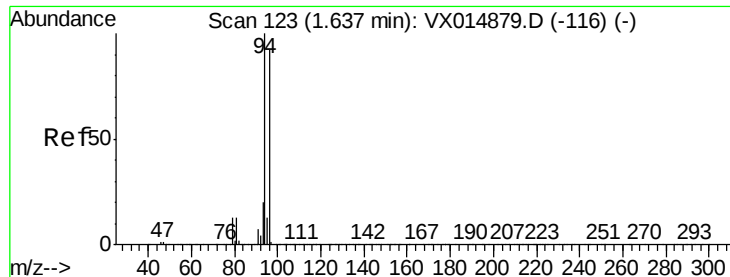
Tgt Ion: 62 Resp: 227053

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 44.382 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

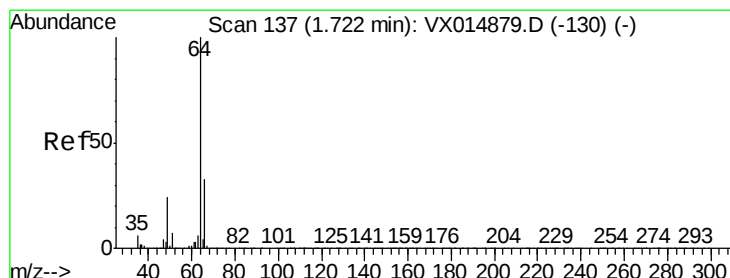
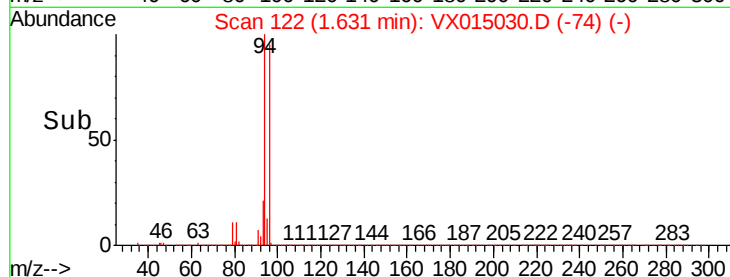
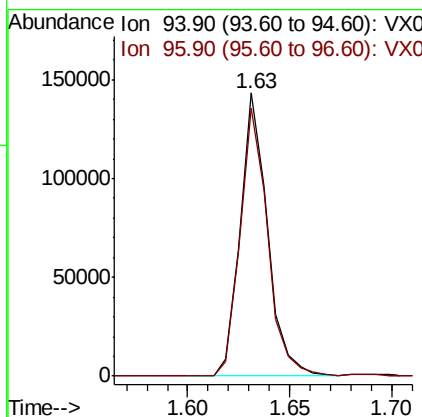
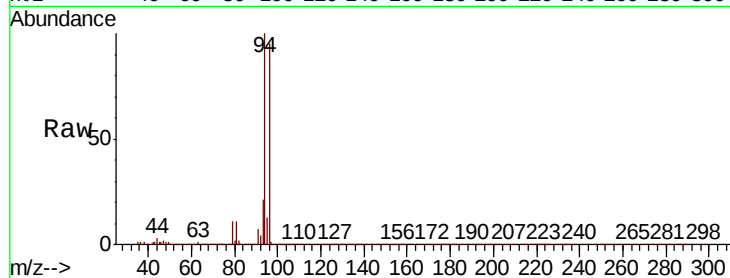
GR-OF-20200225MSD

Tot Ion: 94 Resp: 131802

Ion Ratio Lower Upper

94 100

96 94.4 73.7 110.5



#6

Chloroethane

Concen: 47.251 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015030.D

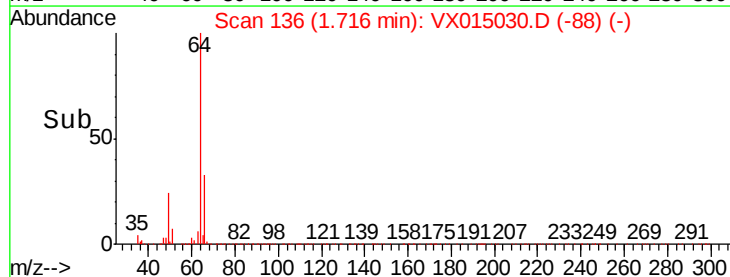
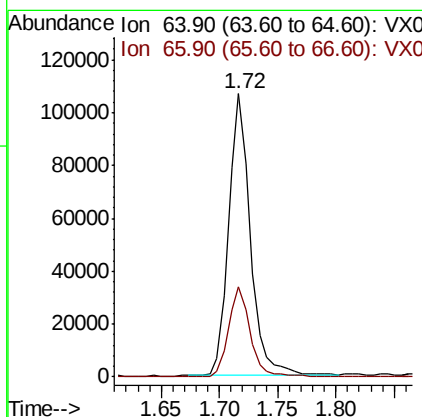
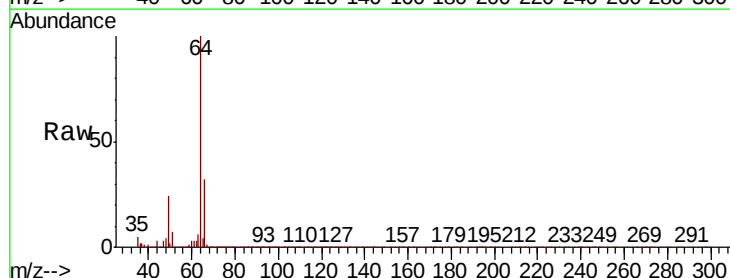
Acq: 26 Feb 2020 18:45

Tgt Ion: 64 Resp: 138709

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4



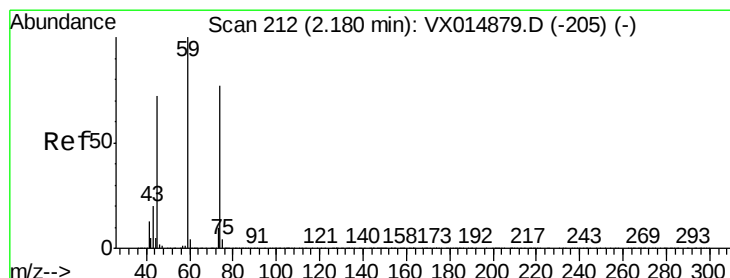
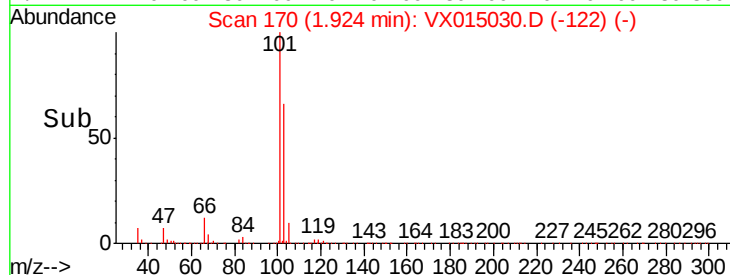
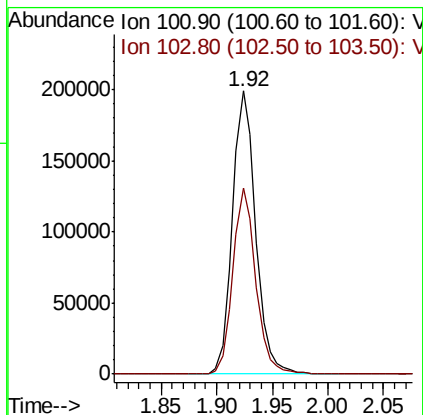
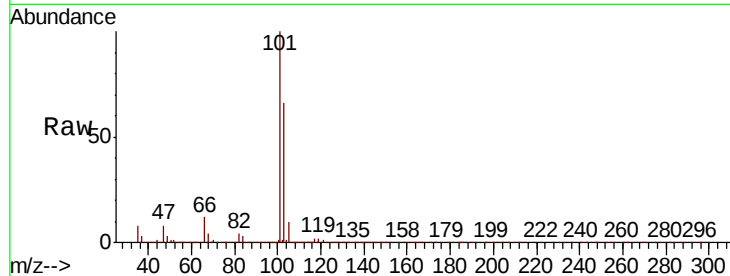


#7

Trichlorofluoromethane
Concen: 44.932 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015030.D
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Instrument :
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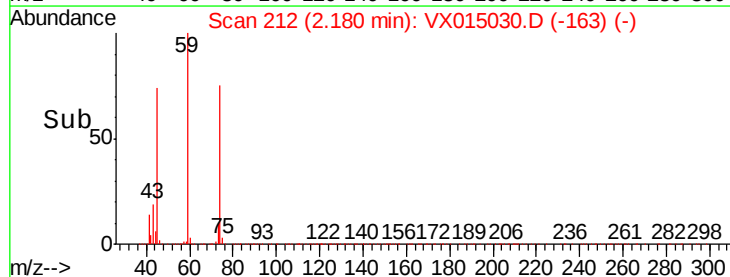
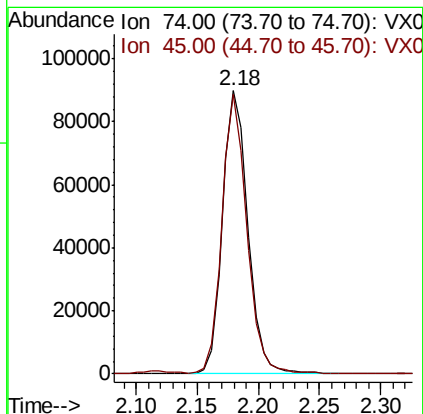
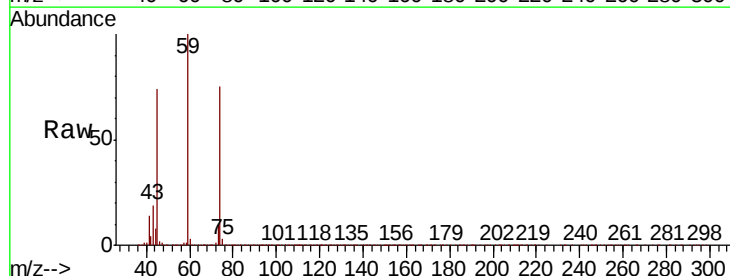
Tot Ion:101 Resp: 288016
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

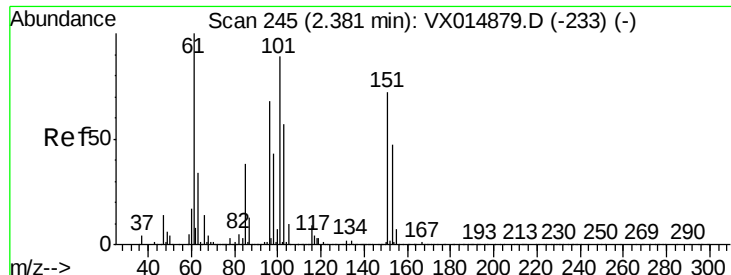


#8

Diethyl Ether
Concen: 48.602 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 74 Resp: 129190
Ion Ratio Lower Upper
74 100
45 96.0 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.510 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

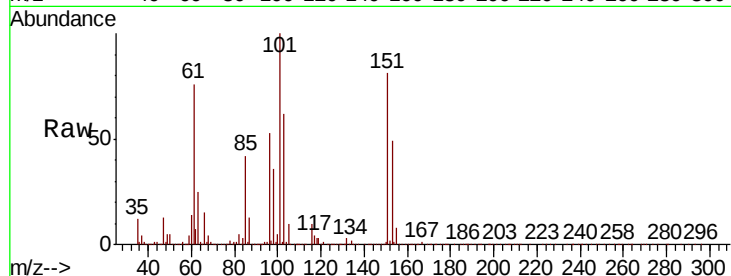
Tot Ion:101 Resp: 184215

Ion Ratio Lower Upper

101 100

85 41.4 34.1 51.1

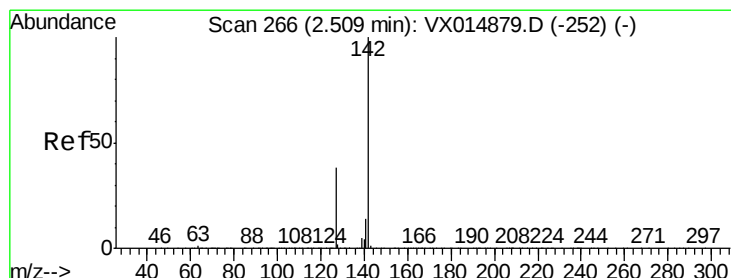
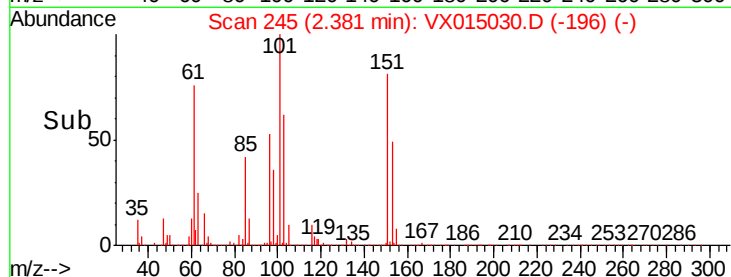
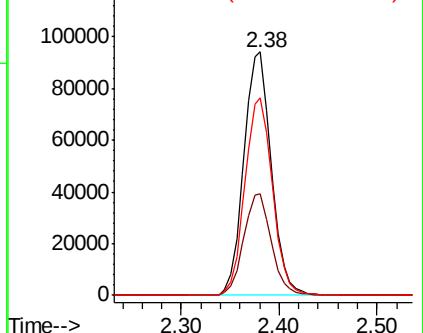
151 81.1 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.476 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

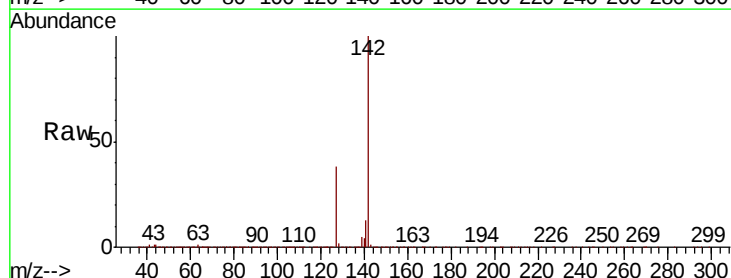
Tgt Ion:142 Resp: 205019

Ion Ratio Lower Upper

142 100

127 38.5 31.1 46.7

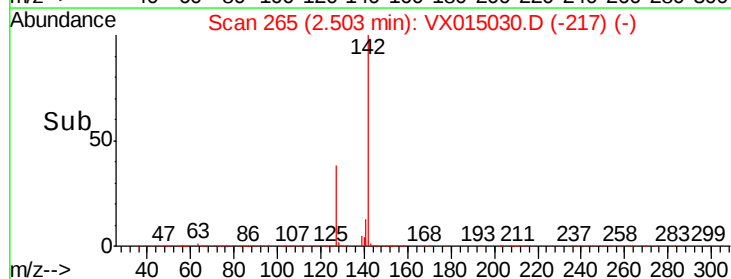
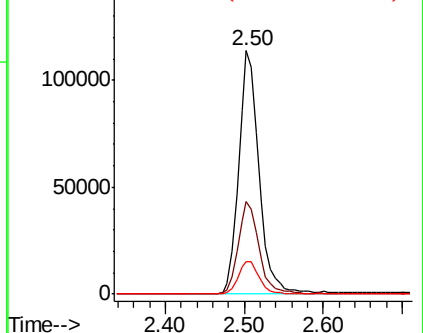
141 13.8 11.3 16.9

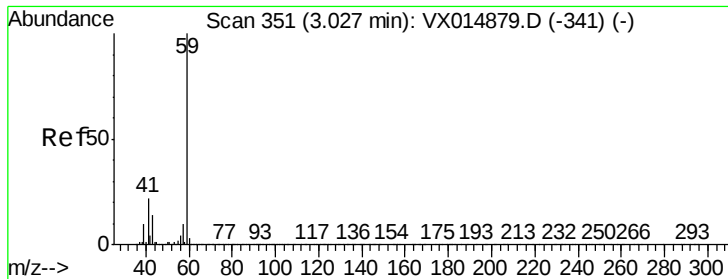


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

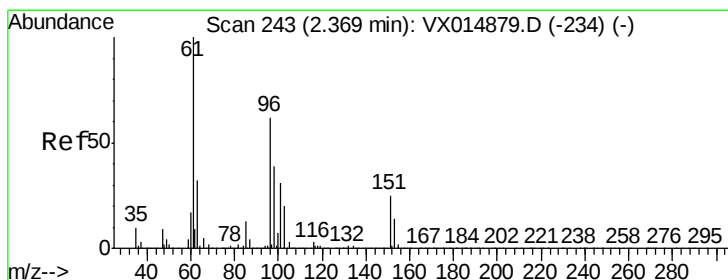
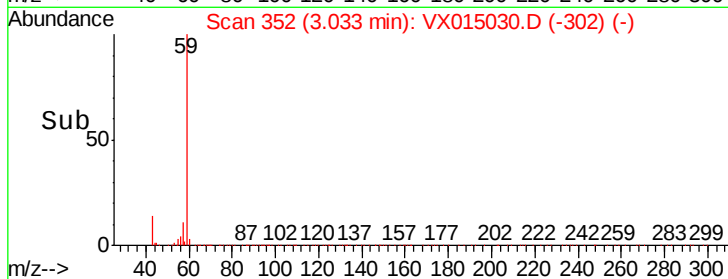
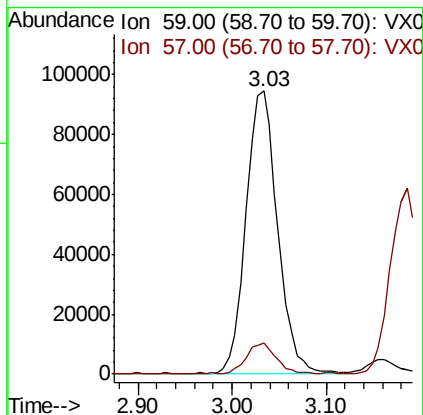
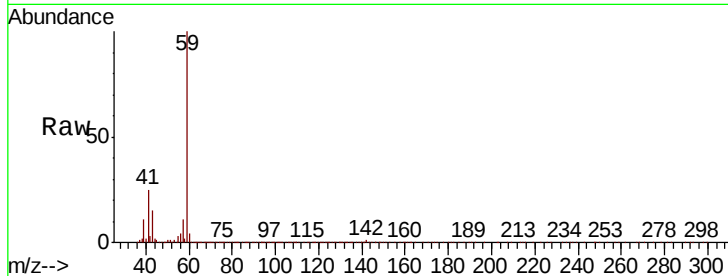




#11
Tert butyl alcohol
Concen: 282.982 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

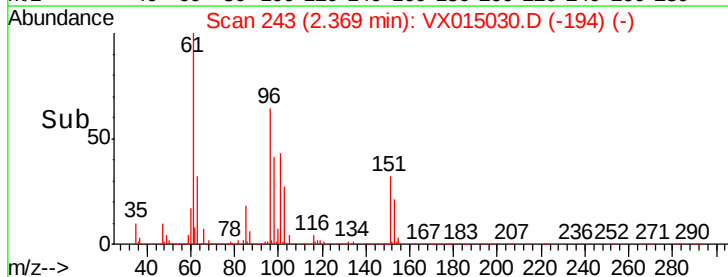
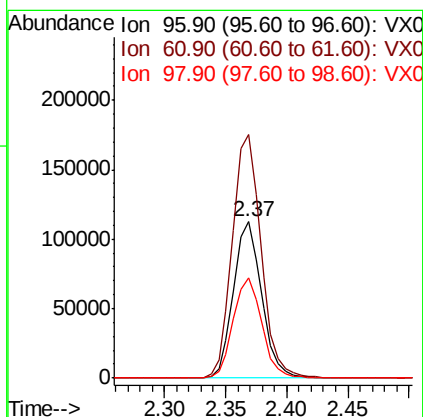
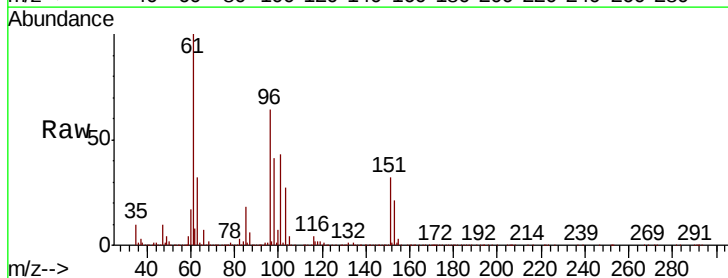
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

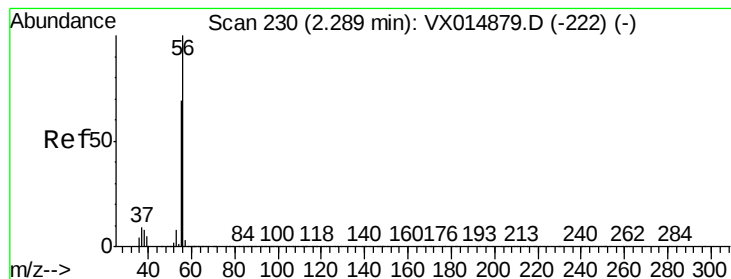
Tot Ion: 59 Resp: 223675
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.258 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 96 Resp: 179093
Ion Ratio Lower Upper
96 100
61 155.8 129.5 194.3
98 63.9 50.6 76.0





#13

Acrolein

Concen: 226.446 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

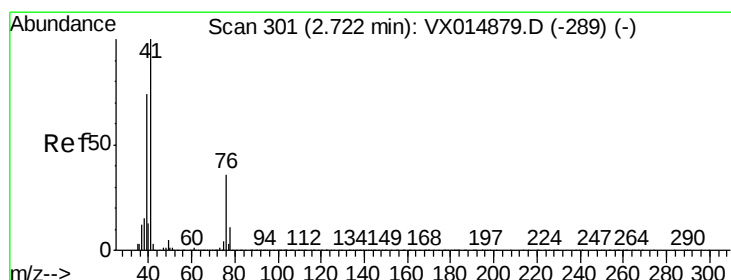
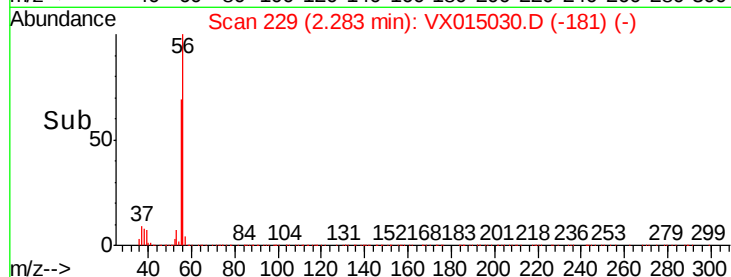
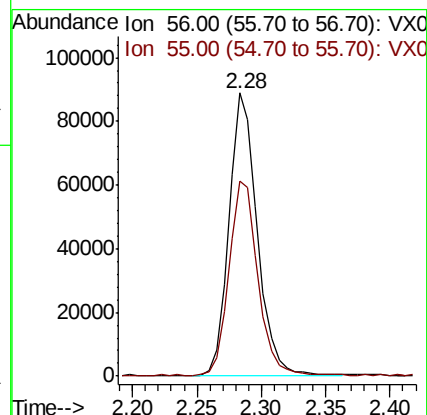
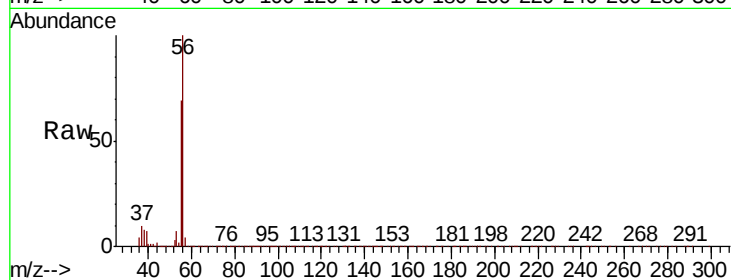
GR-OF-20200225MSD

Tot Ion: 56 Resp: 136418

Ion Ratio Lower Upper

56 100

55 71.6 55.0 82.4



#14

Allyl chloride

Concen: 49.322 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

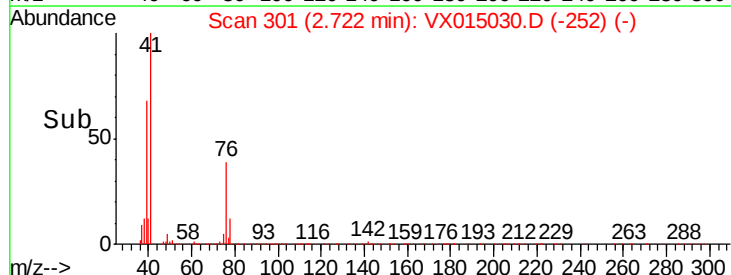
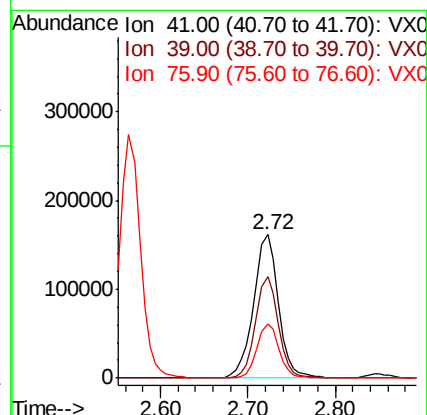
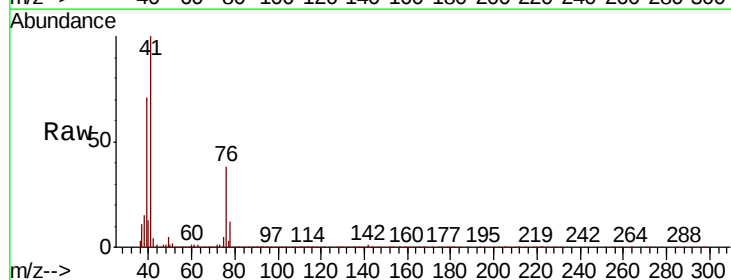
Tgt Ion: 41 Resp: 317937

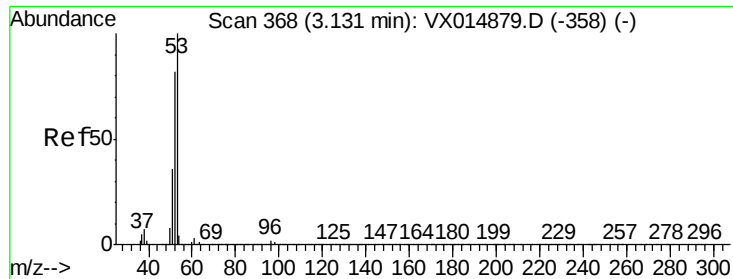
Ion Ratio Lower Upper

41 100

39 65.0 55.2 82.8

76 33.2 26.8 40.2





#15

Acrylonitrile

Concen: 285.652 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

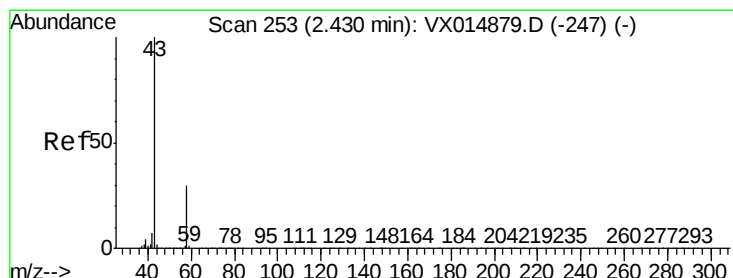
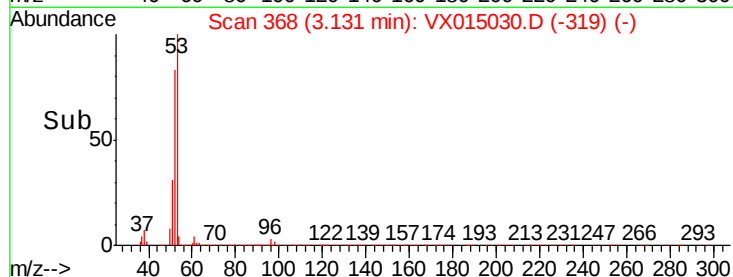
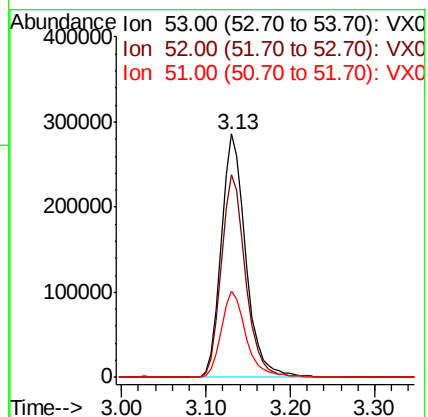
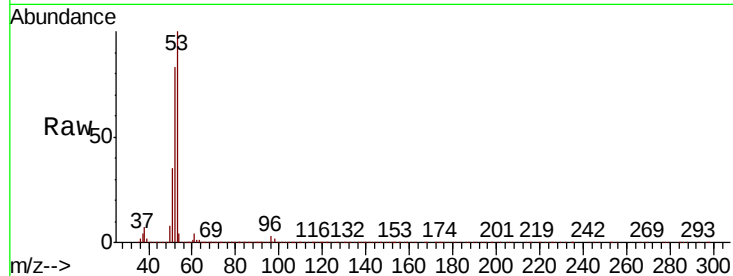
Tot Ion: 53 Resp: 572385

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.6

51 35.6 29.1 43.7



#16

Acetone

Concen: 195.074 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX015030.D

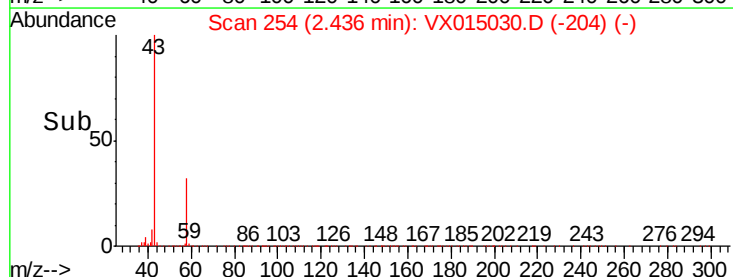
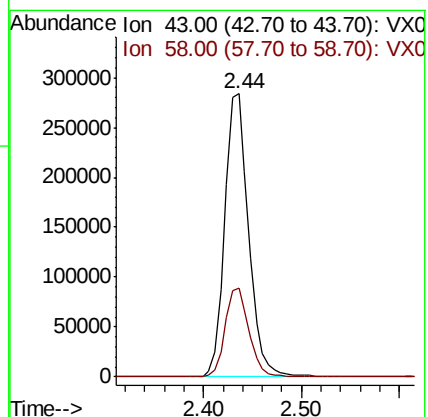
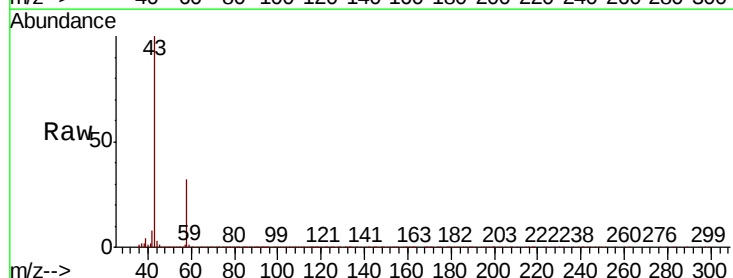
Acq: 26 Feb 2020 18:45

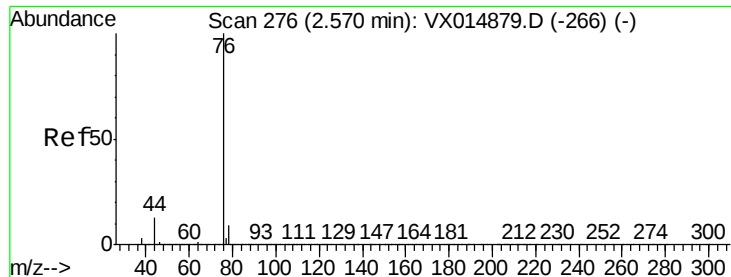
Tgt Ion: 43 Resp: 474879

Ion Ratio Lower Upper

43 100

58 31.6 24.1 36.1

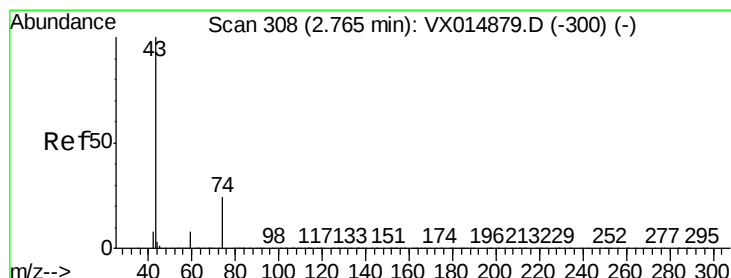
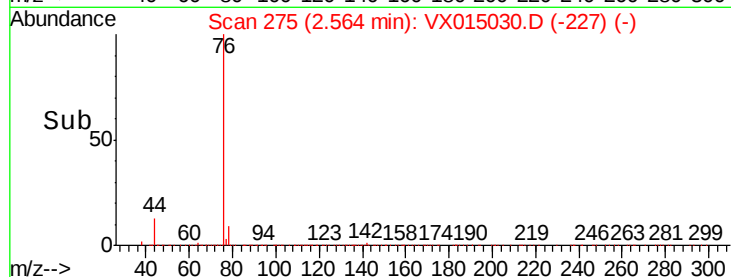
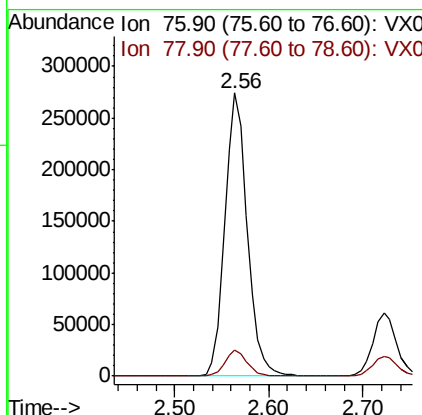
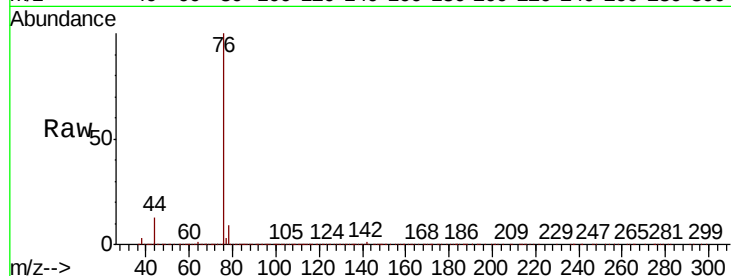




#17
Carbon Disulfide
Concen: 44.447 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

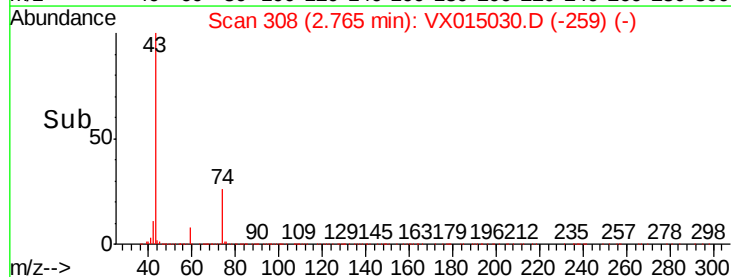
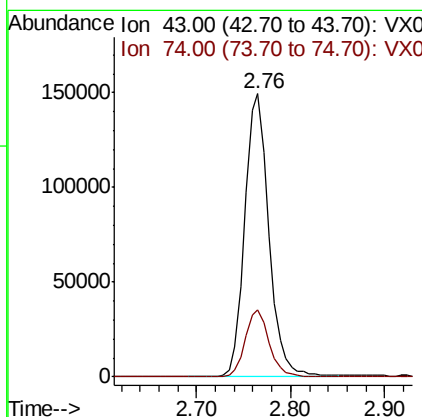
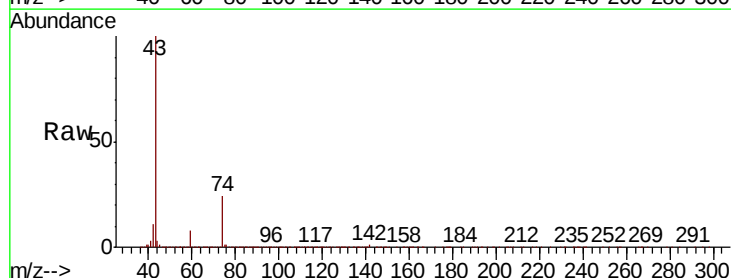
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

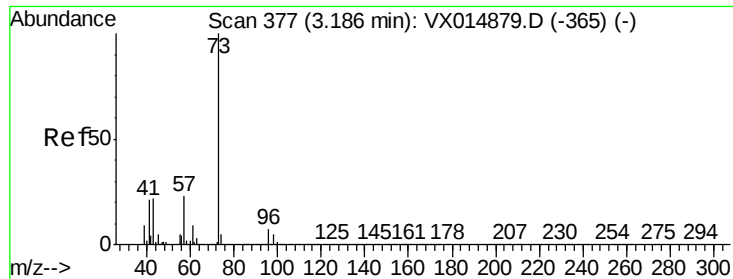
Tot Ion: 76 Resp: 451524
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 59.174 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 43 Resp: 266796
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0

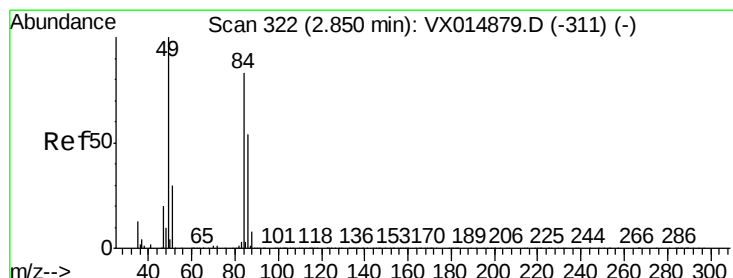
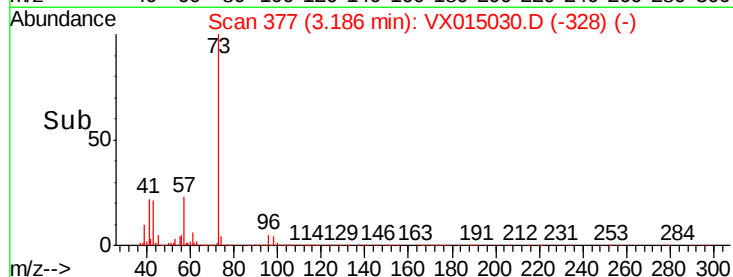
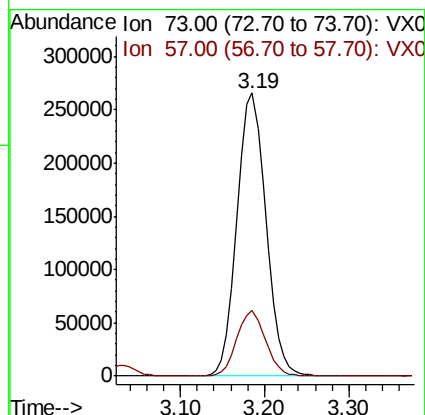
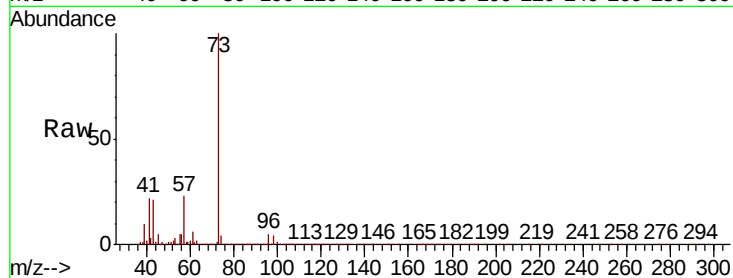




#19
Methvl tert-butvl Ether
Concen: 52.202 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

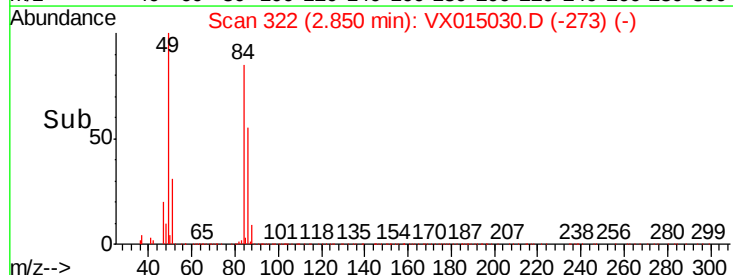
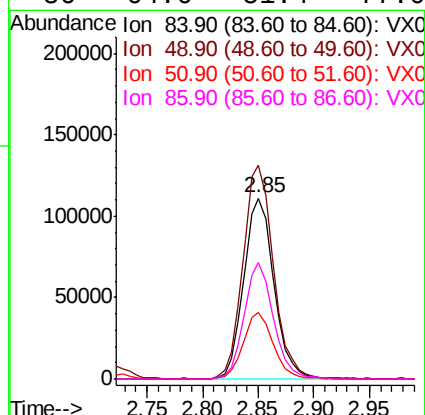
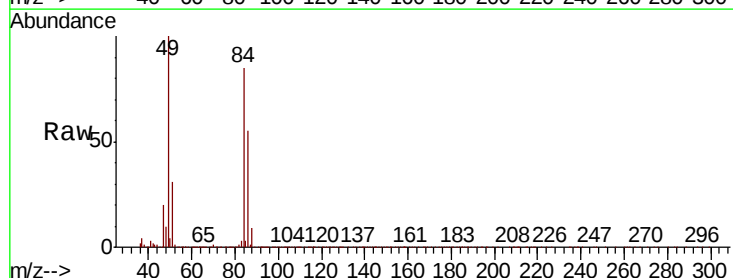
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

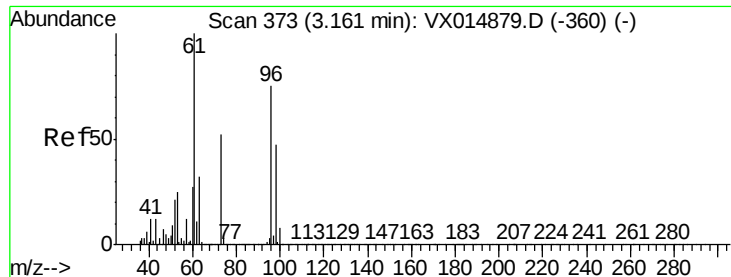
Tot Ion: 73 Resp: 617700
Ion Ratio Lower Upper
73 100
57 23.3 18.2 27.4



#20
Methylene Chloride
Concen: 48.562 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 84 Resp: 209127
Ion Ratio Lower Upper
84 100
49 118.1 95.6 143.4
51 37.0 29.0 43.6
86 64.6 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.490 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

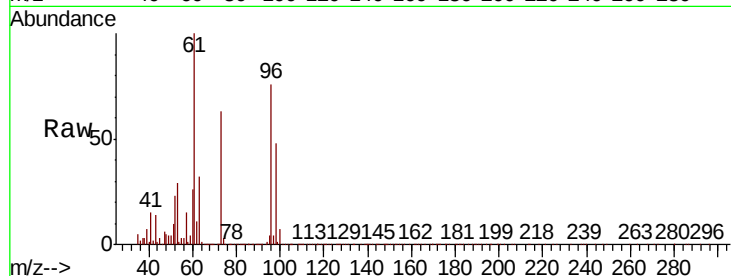
Tot Ion: 96 Resp: 198545

Ion Ratio Lower Upper

96 100

61 131.1 106.9 160.3

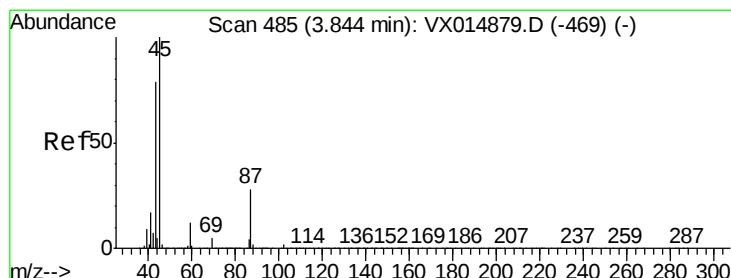
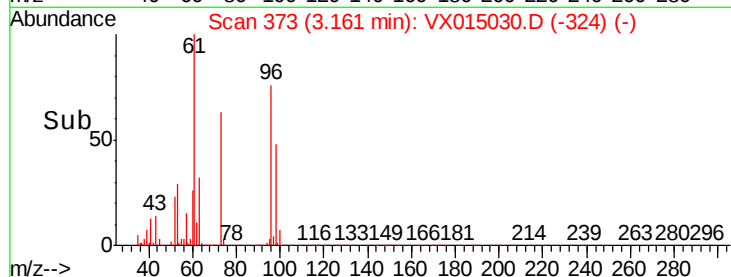
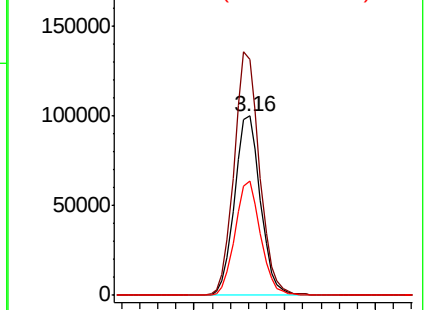
98 63.6 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.067 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Tgt Ion: 45 Resp: 665660

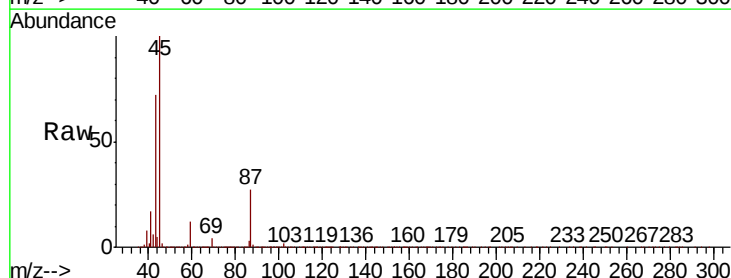
Ion Ratio Lower Upper

45 100

43 71.4 63.5 95.3

87 27.4 22.2 33.4

59 11.5 9.4 14.0

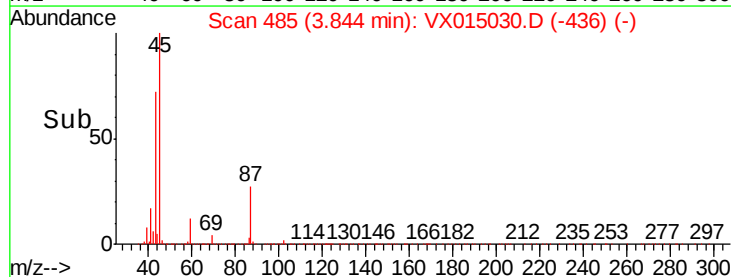
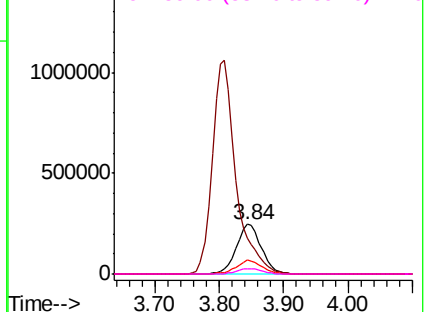


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.489 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

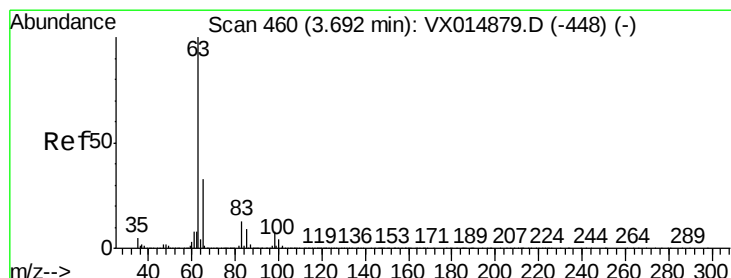
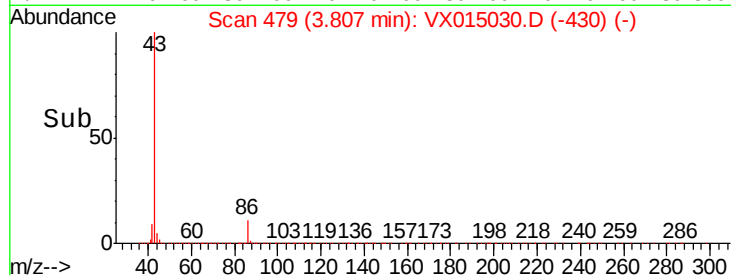
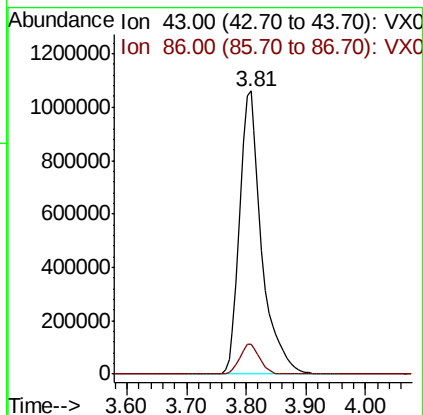
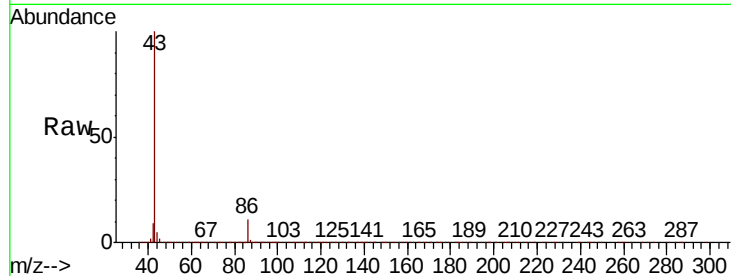
GR-OF-20200225MSD

Tot Ion: 43 Resp: 2724943

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 52.192 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

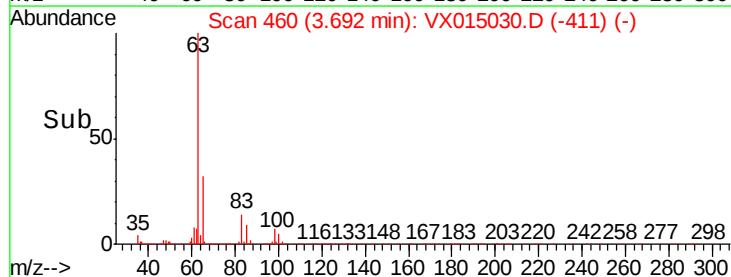
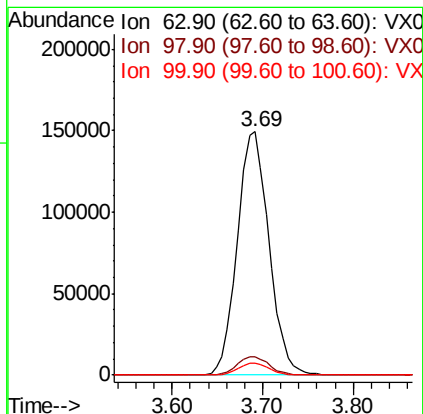
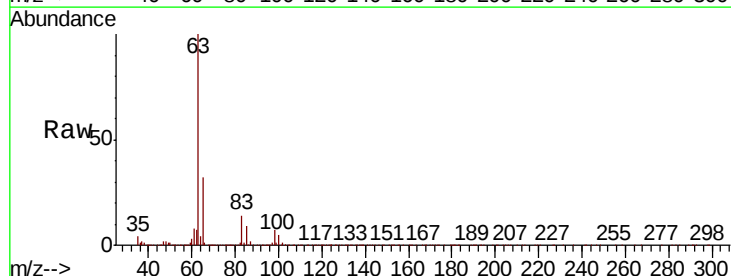
Tgt Ion: 63 Resp: 362653

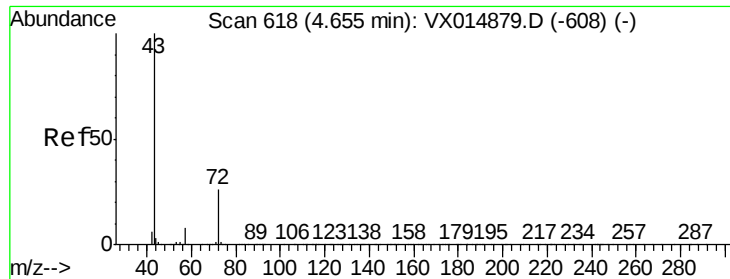
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 260.516 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

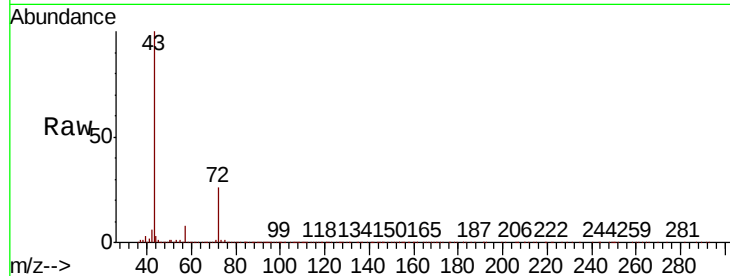
GR-OF-20200225MSD

Tot Ion: 43 Resp: 793979

Ion Ratio Lower Upper

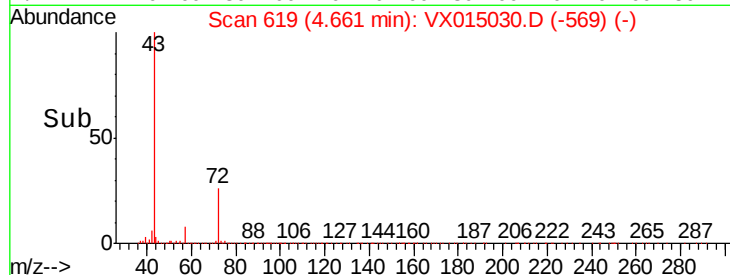
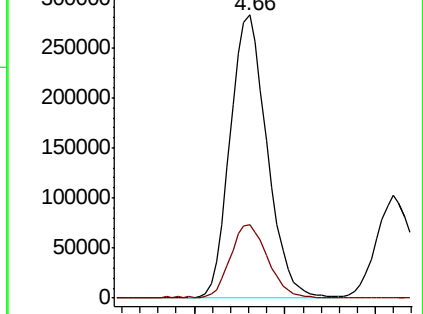
43 100

72 26.0 21.0 31.6

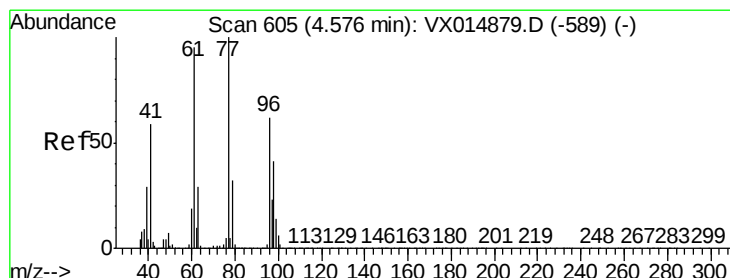


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 42.378 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015030.D

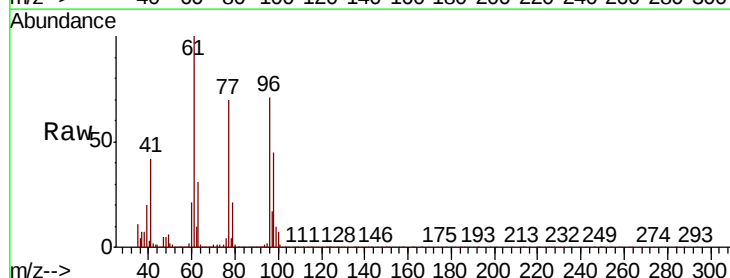
Acq: 26 Feb 2020 18:45

Tgt Ion: 77 Resp: 253769

Ion Ratio Lower Upper

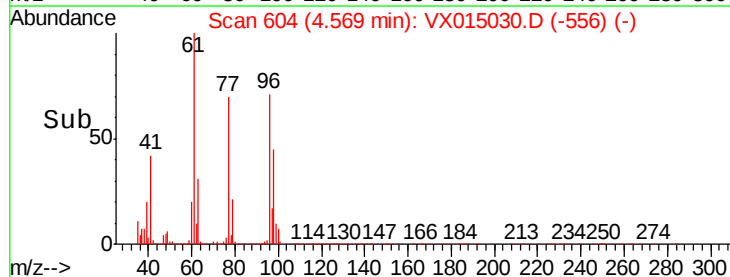
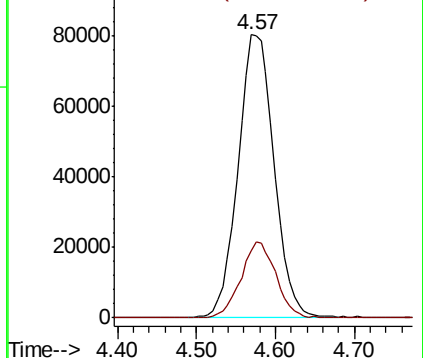
77 100

97 26.3 11.9 35.5

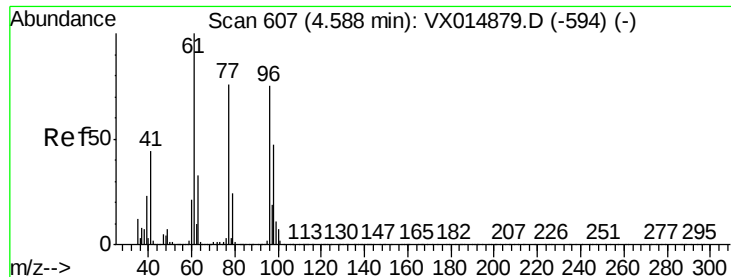


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

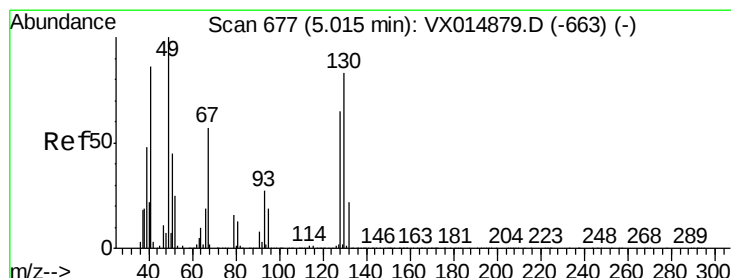
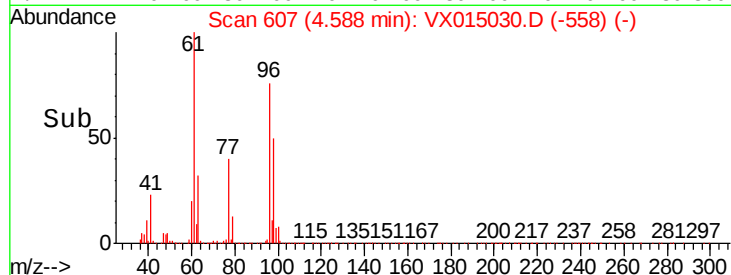
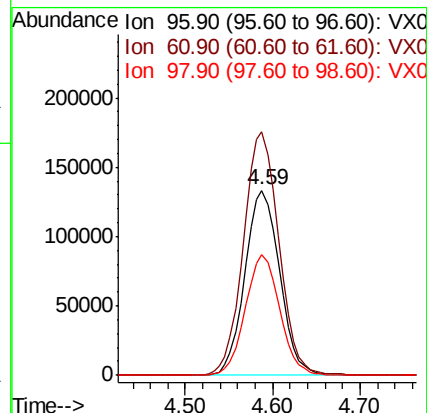
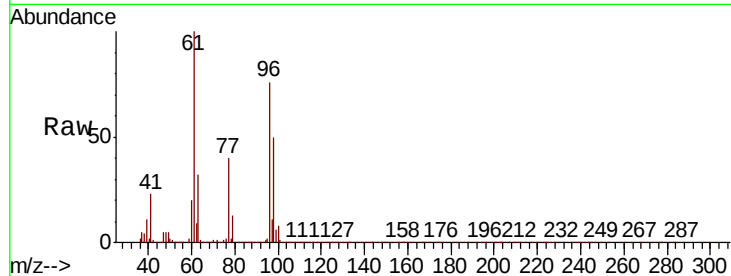


#27

cis-1,2-Dichloroethene
Concen: 82.318 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

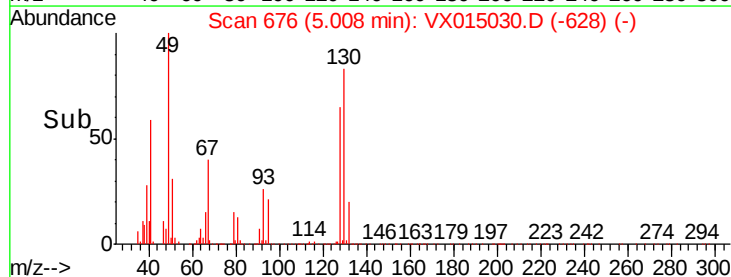
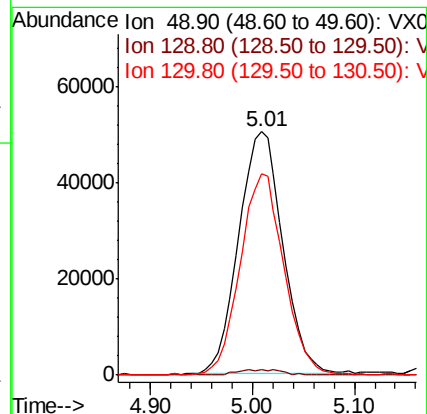
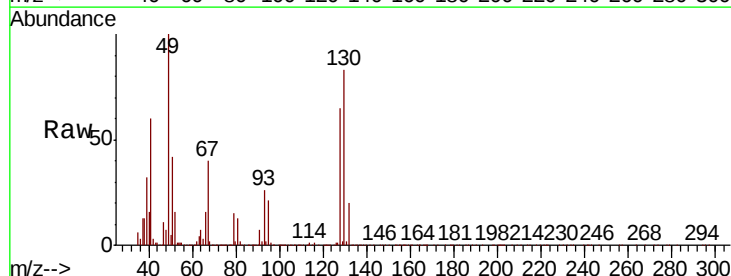
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	286.2
98	65.0	0.0	131.0

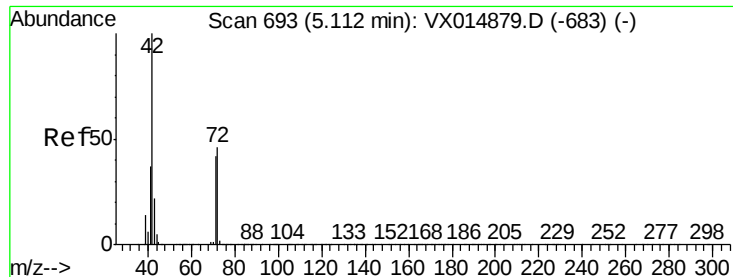


#28

Bromochloromethane
Concen: 56.346 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	81.7	67.4	101.2

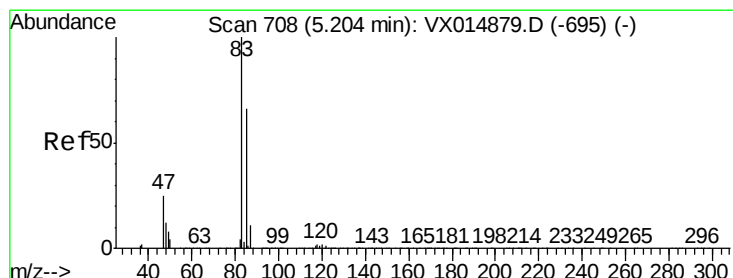
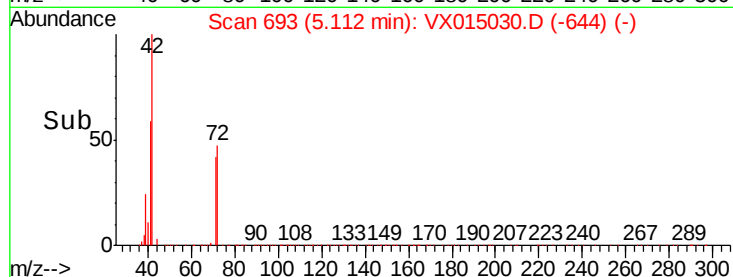
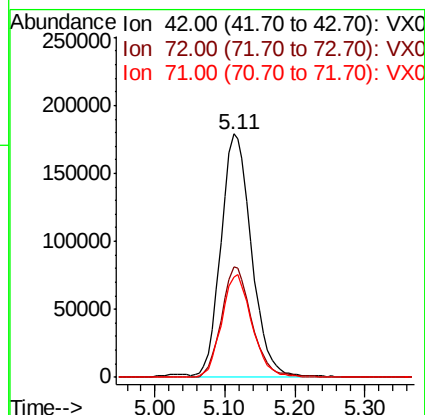
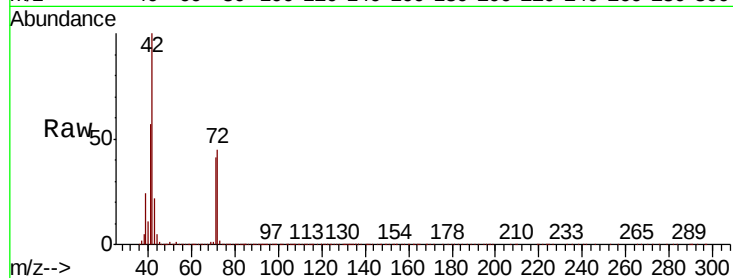




#29
Tetrahydrofuran
Concen: 310.174 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

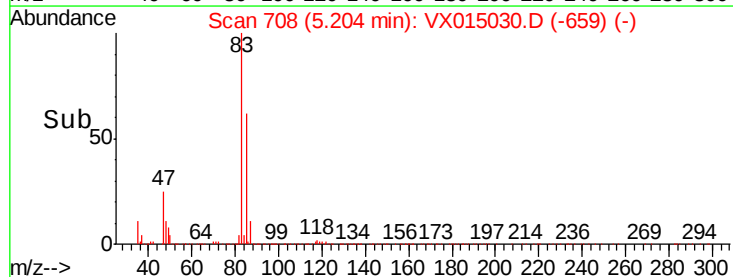
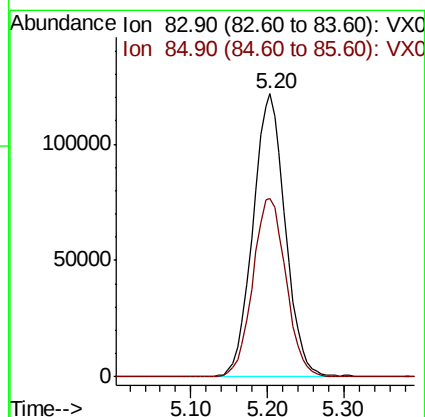
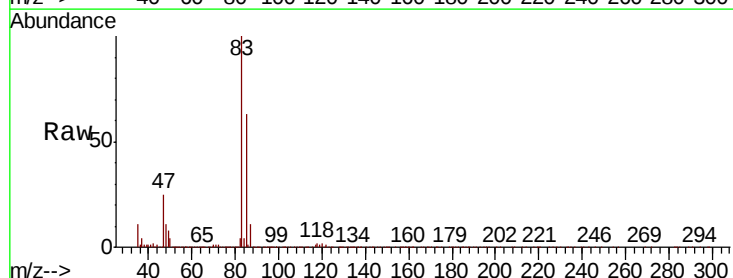
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

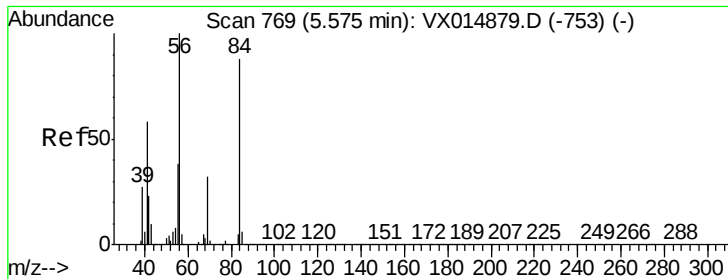
Tot Ion: 42 Resp: 537385
Ion Ratio Lower Upper
42 100
72 45.5 36.9 55.3
71 42.0 34.1 51.1



#30
Chloroform
Concen: 51.706 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 83 Resp: 356460
Ion Ratio Lower Upper
83 100
85 63.1 52.9 79.3

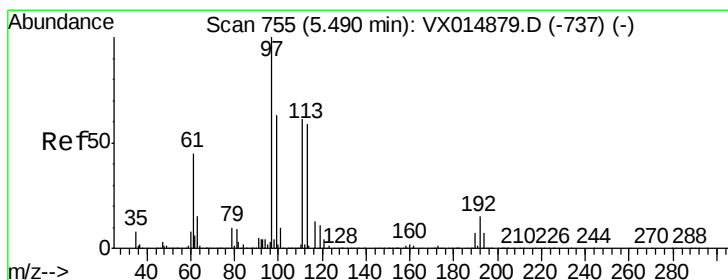
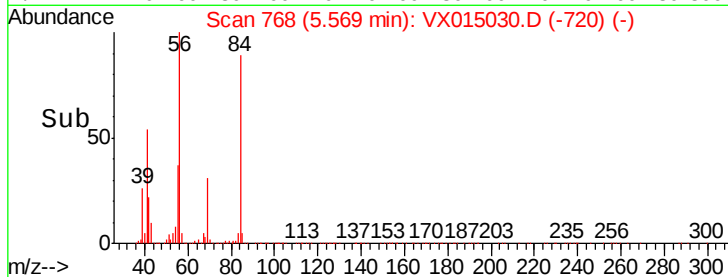
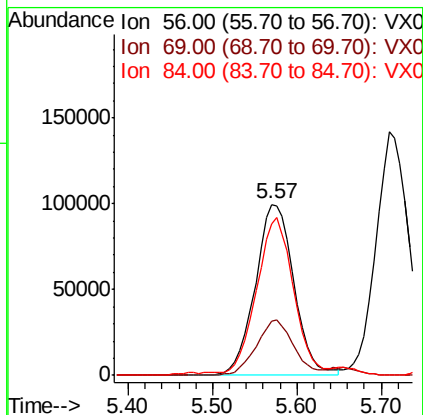
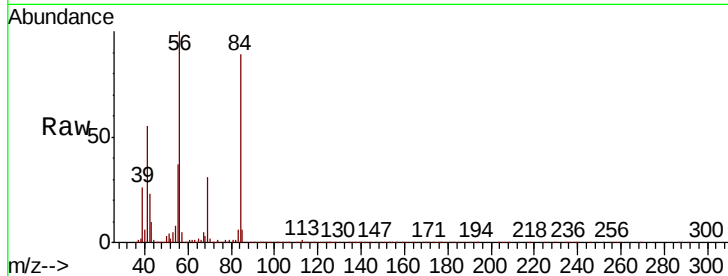




#31
Cyclohexane
Concen: 49.442 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

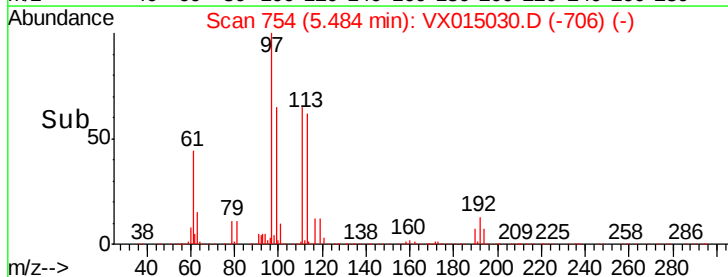
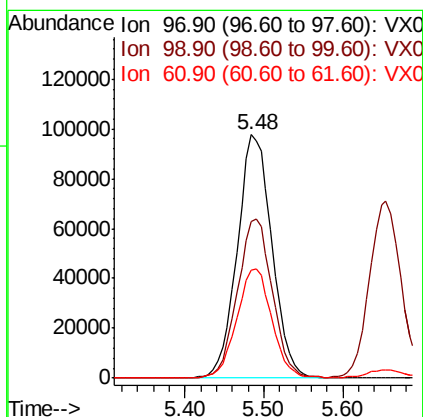
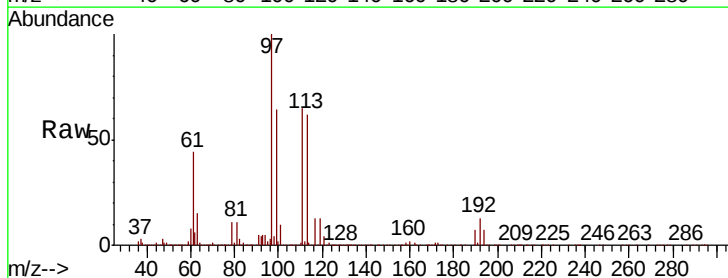
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

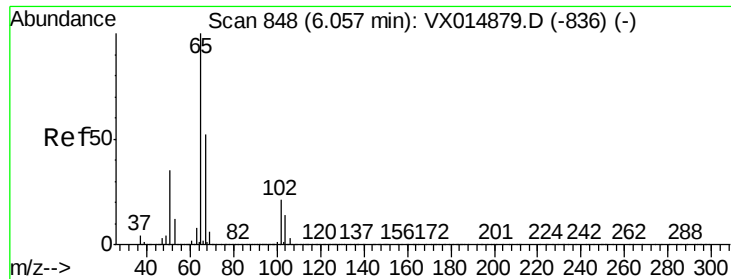
Tot Ion: 56 Resp: 312905
Ion Ratio Lower Upper
56 100
69 31.3 25.9 38.9
84 87.6 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 49.369 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 97 Resp: 297717
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.6
61 45.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.578 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

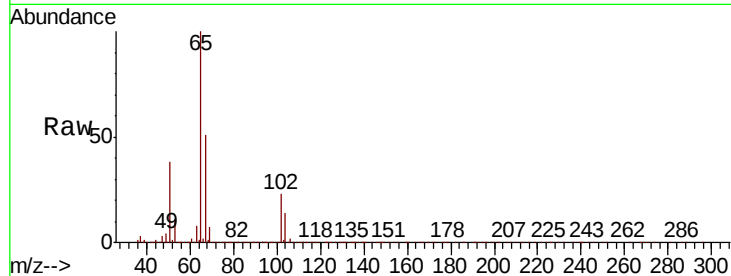
GR-OF-20200225MSD

Tot Ion: 65 Resp: 217469

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

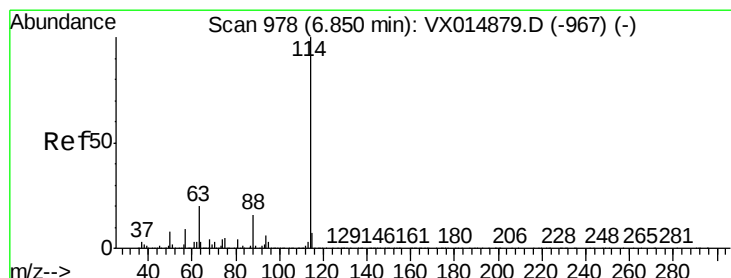
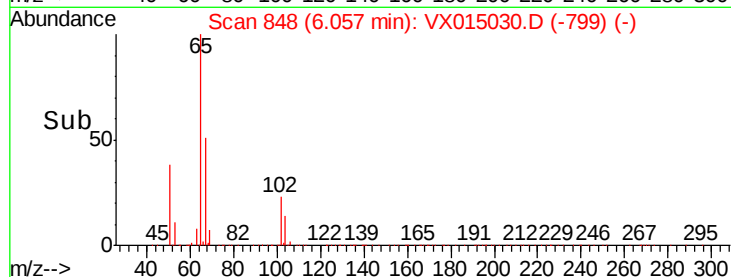
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

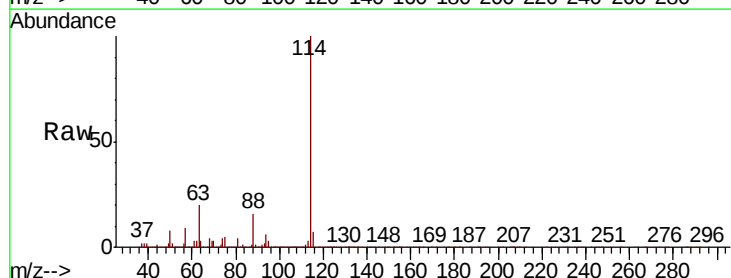
Tgt Ion: 114 Resp: 607498

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 15.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

300000

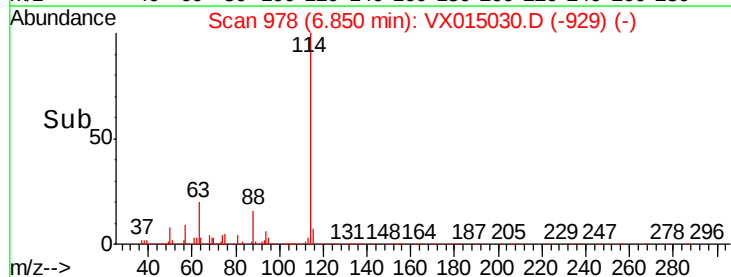
200000

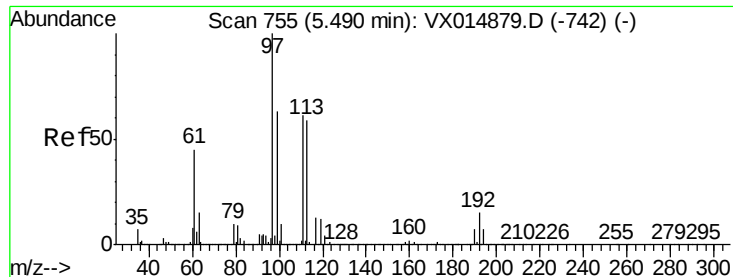
100000

0

Time-->

6.70 6.80 6.90 7.00

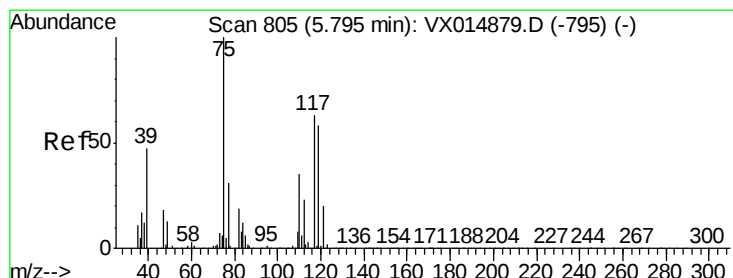
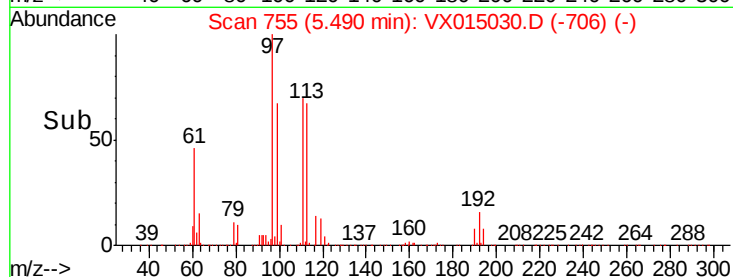
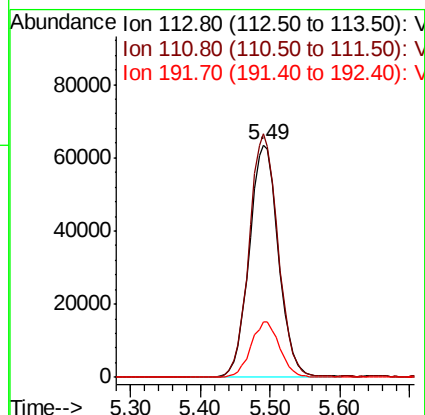
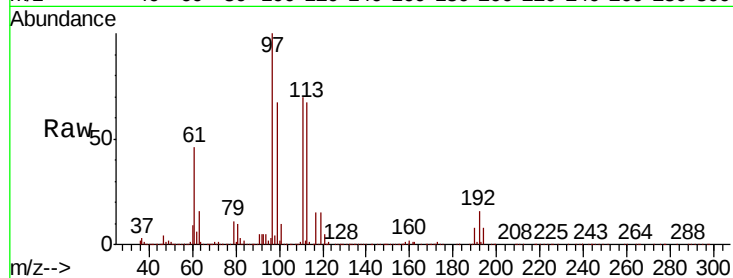




#35
 Dibromofluoromethane
 Concen: 49.164 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

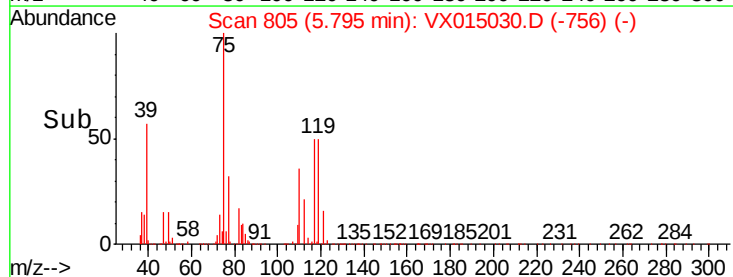
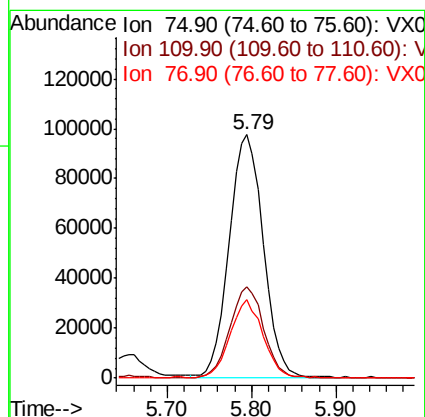
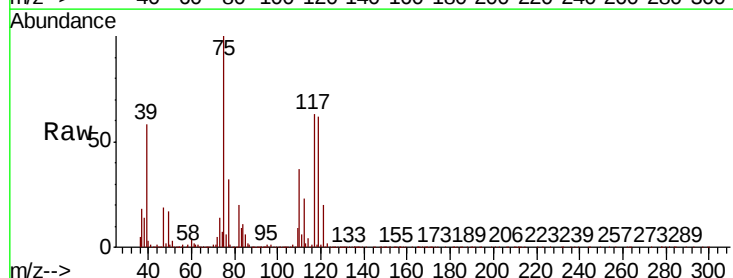
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

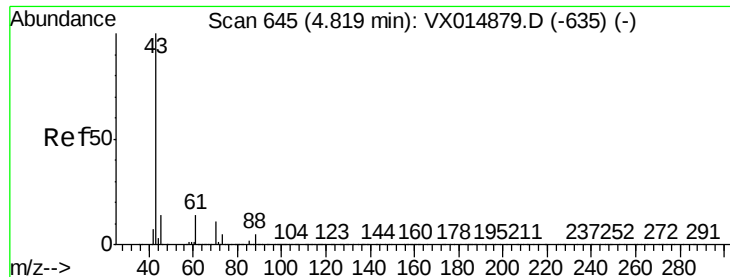
Tot Ion:113 Resp: 183616
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 23.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 48.973 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion: 75 Resp: 266131
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.3 54.8
 77 30.6 24.6 36.8

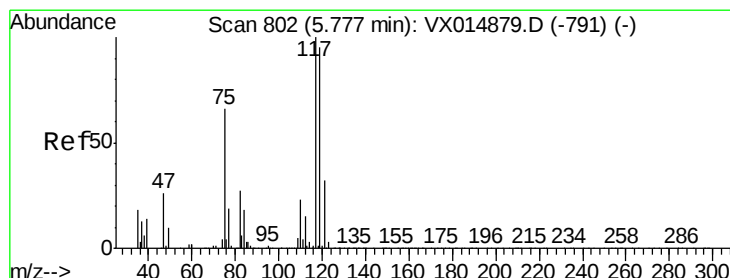
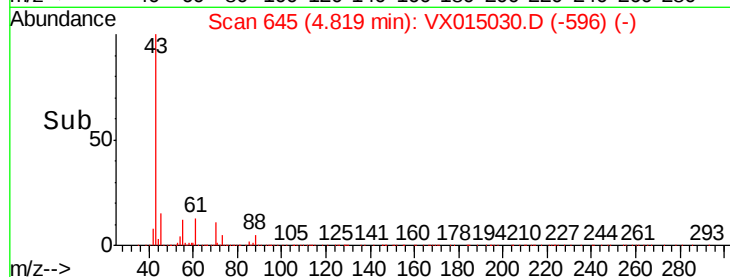
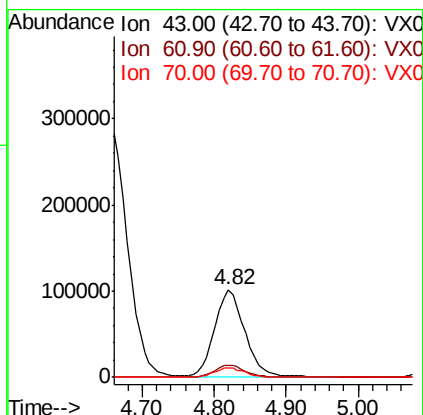
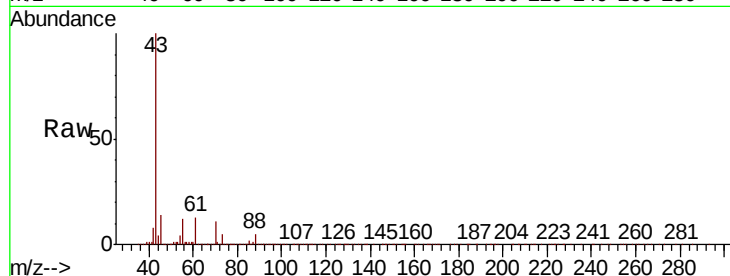




#37
Ethyl Acetate
Concen: 52.040 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

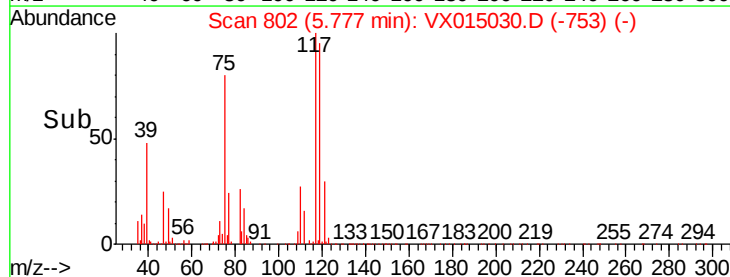
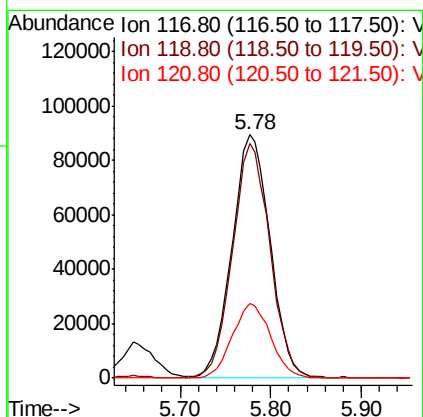
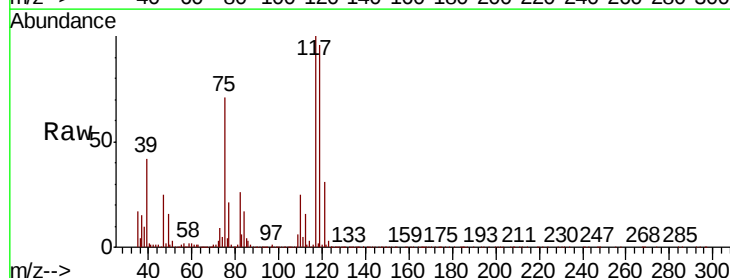
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

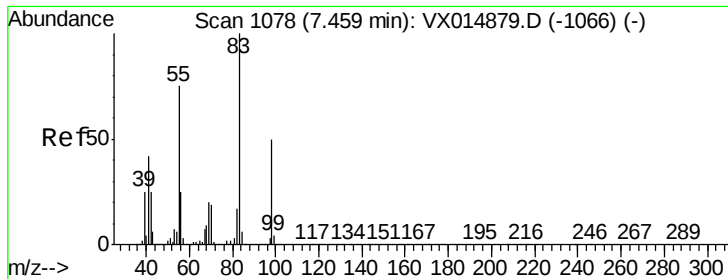
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	10.7	8.7	13.1



#38
Carbon Tetrachloride
Concen: 48.945 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.0	114.0
121	30.5	25.4	38.2

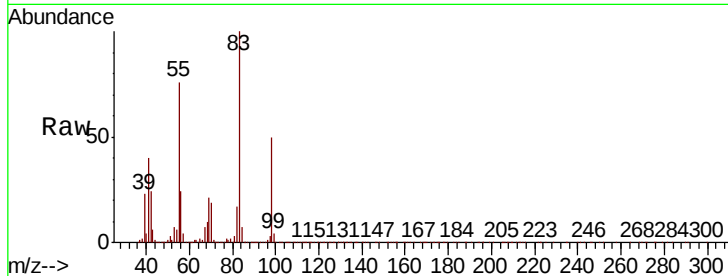




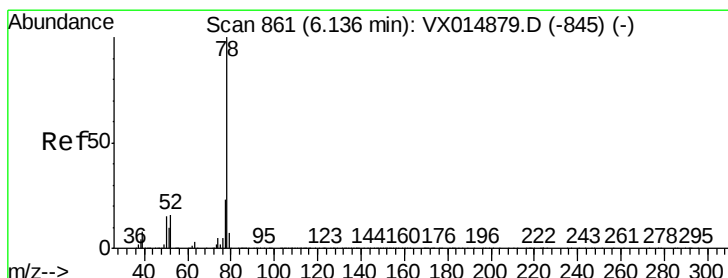
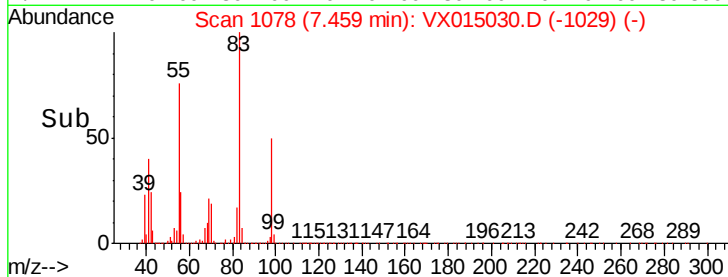
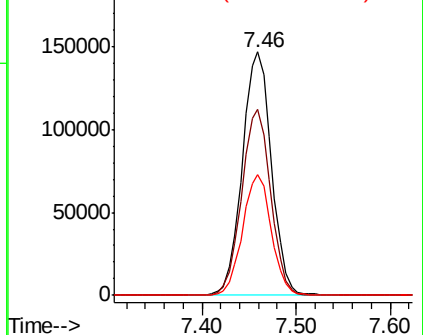
#39
Methvlcvclohexane
Concen: 46.670 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion	83	Resp	317186
Ion Ratio	Lower	Upper	
83	100		
55	76.2	60.0	90.0
98	49.5	39.6	59.4

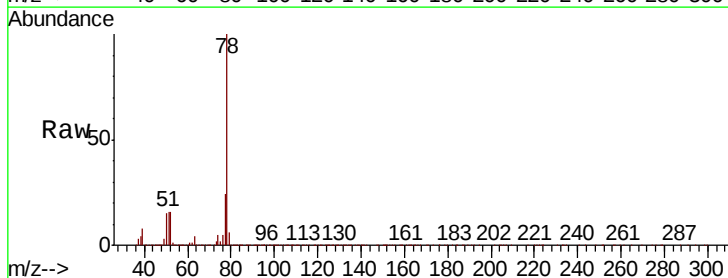


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

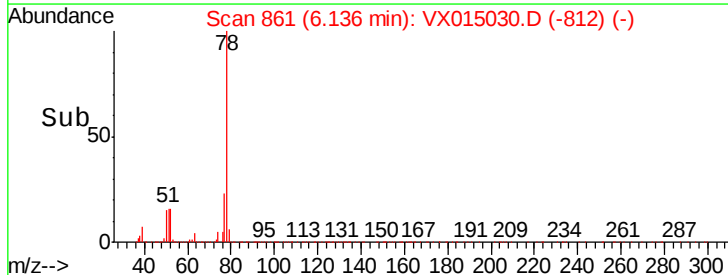
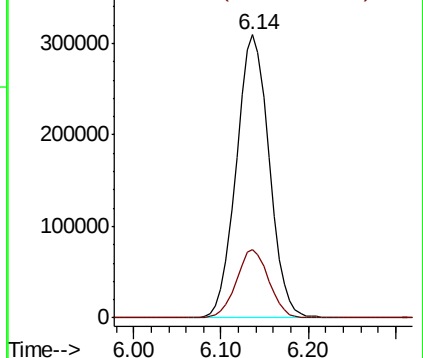


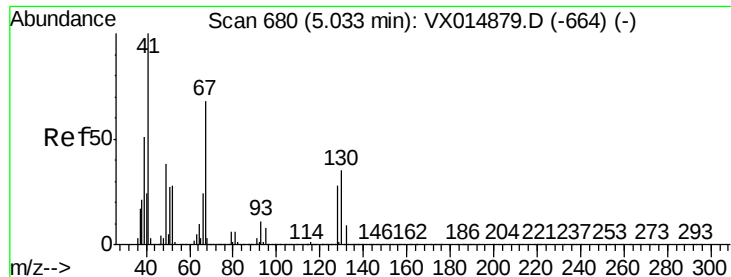
#40
Benzene
Concen: 49.859 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	78	Resp	809542
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.8	28.2



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

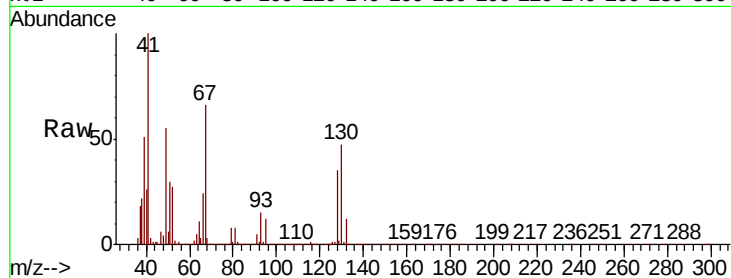




#41
Methacrylonitrile
Concen: 56.226 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion:	41	Resp:	171678
Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.7	67.1
67	72.1	56.6	84.8
52	27.9	22.3	33.5



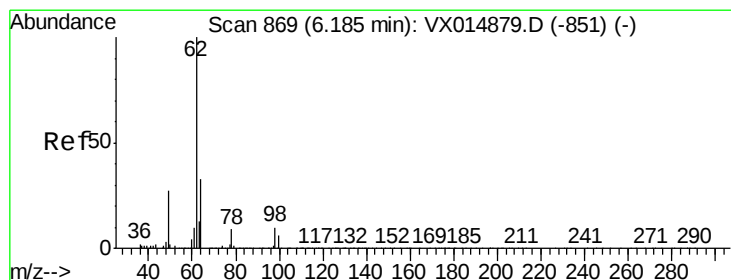
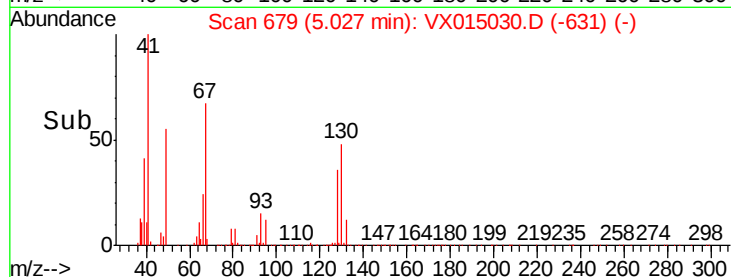
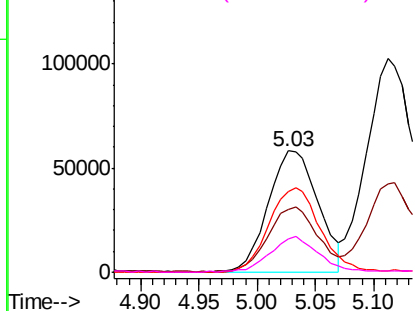
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

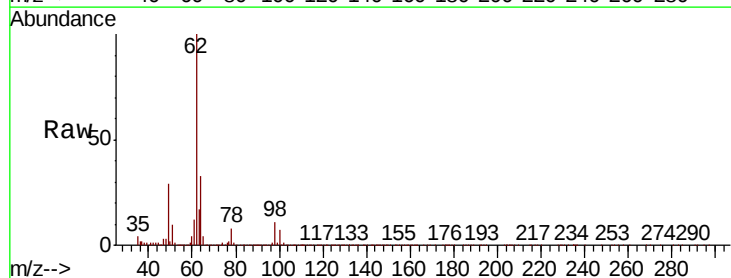
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.100 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

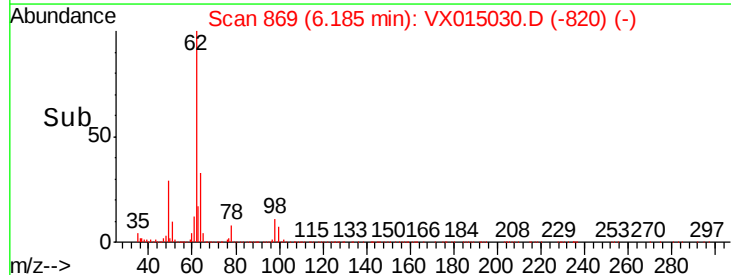
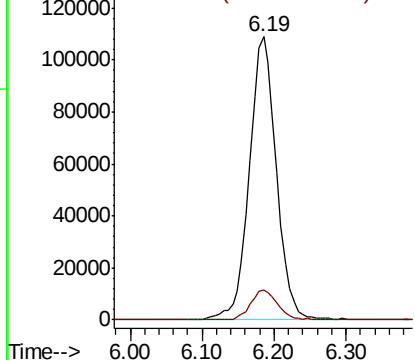
Tgt Ion:	62	Resp:	282266
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.2

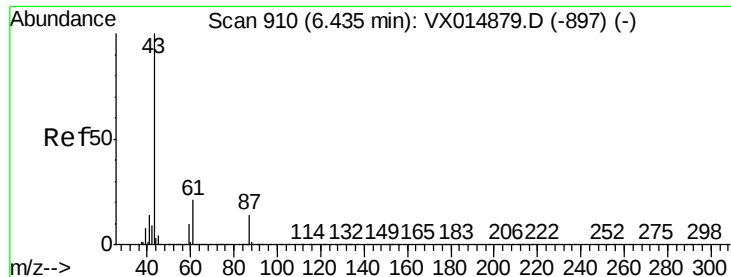


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



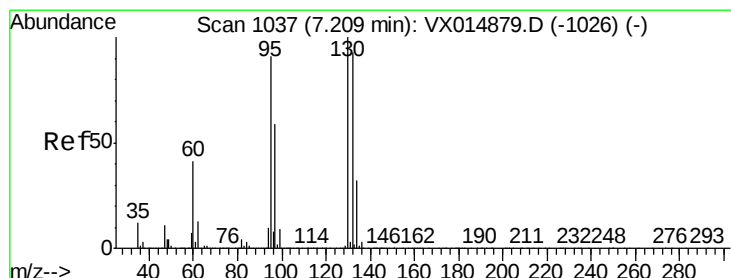
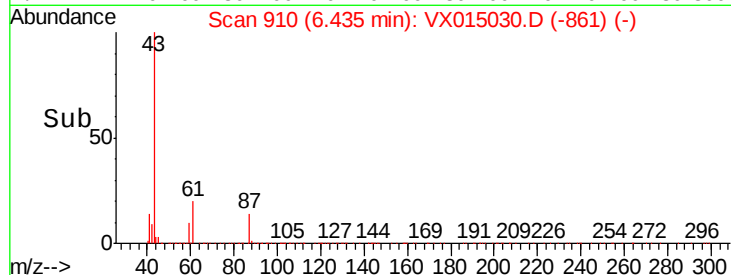
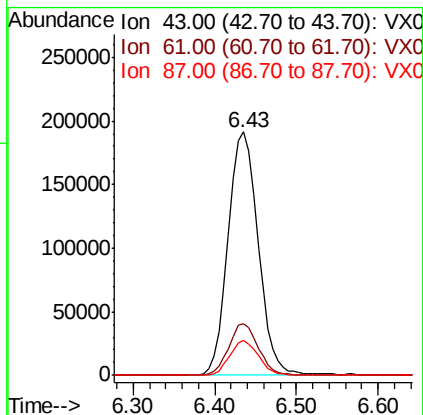
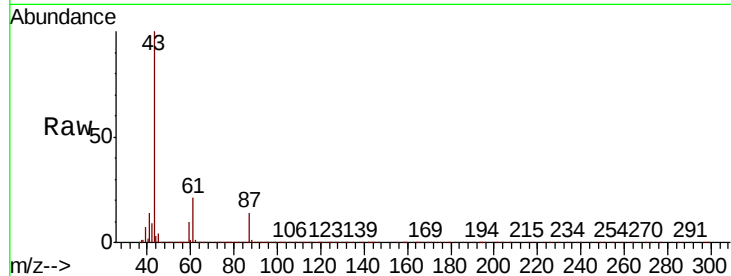


#43

Isopropyl Acetate
 Concen: 52.029 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

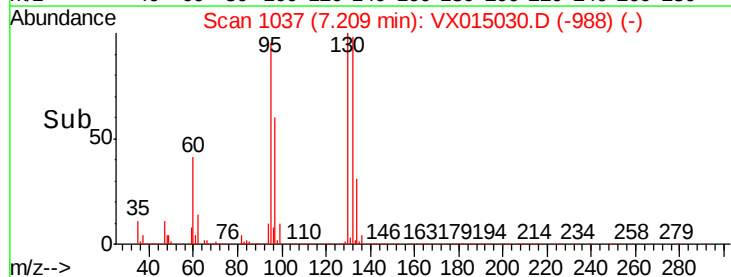
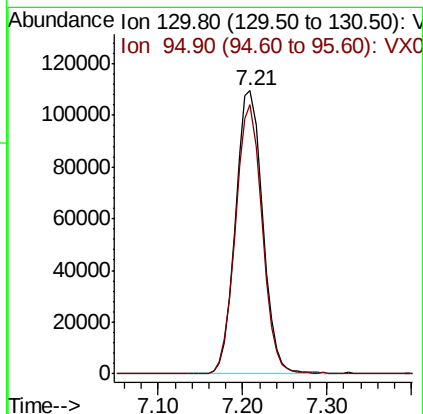
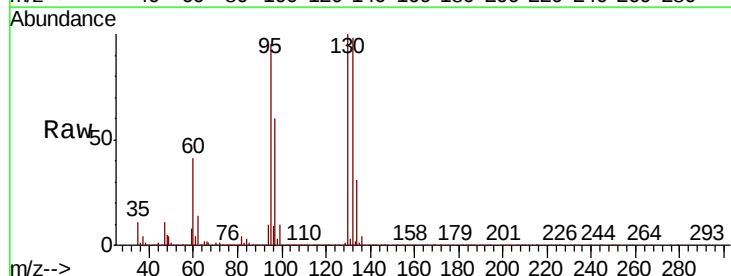
Tot Ion	43	Resp	486461
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.2	24.4
87	13.6	11.0	16.6

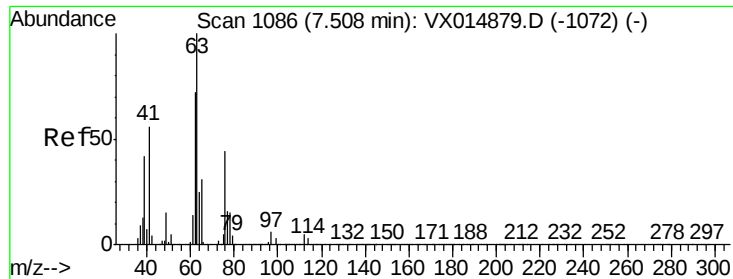


#44

Trichloroethene
 Concen: 50.149 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion	130	Resp	236374
Ion Ratio	Lower	Upper	
130	100		
95	95.1	0.0	182.6

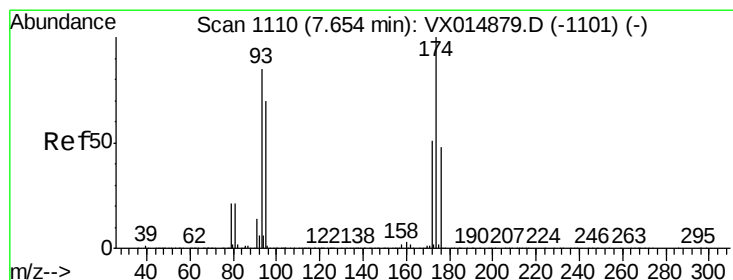
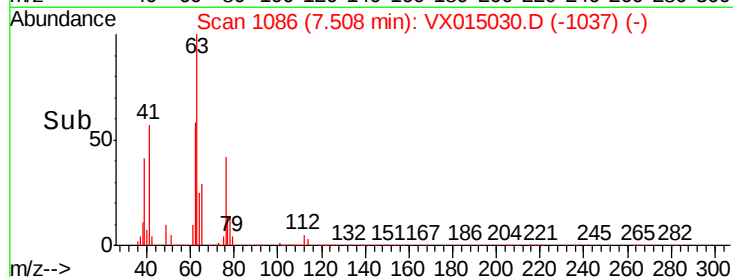
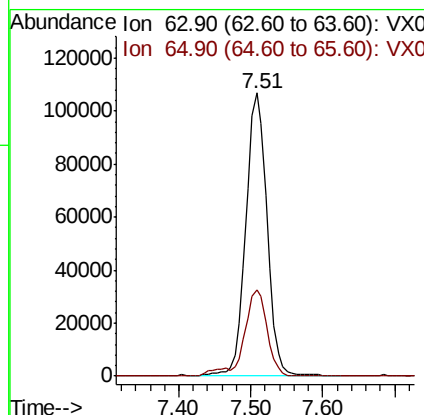
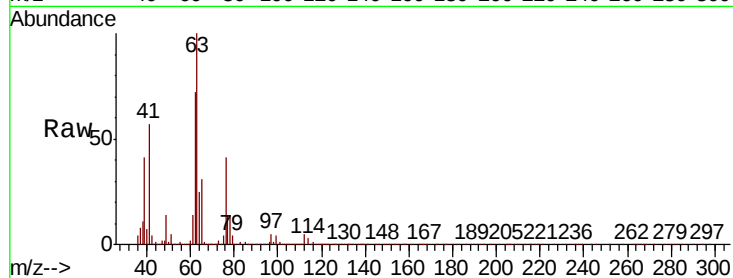




#45
 1,2-Dichloropropane
 Concen: 52.252 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

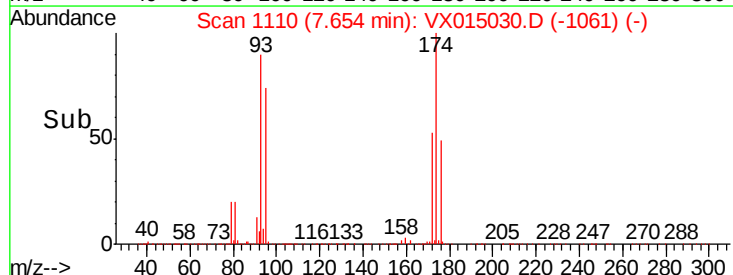
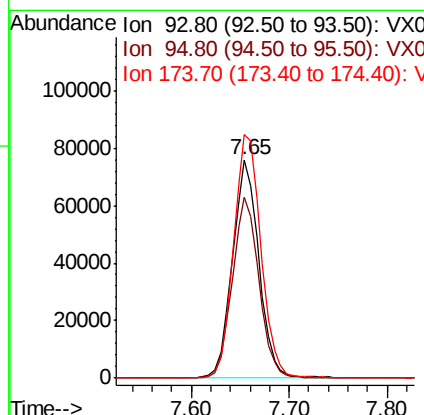
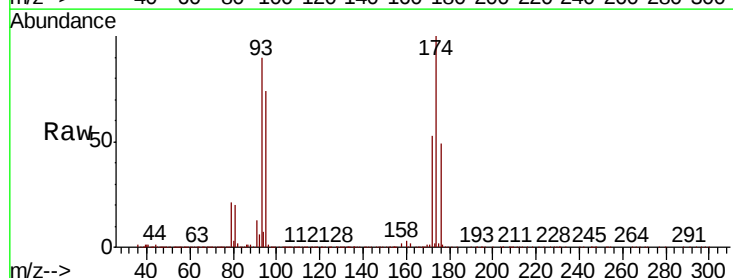
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

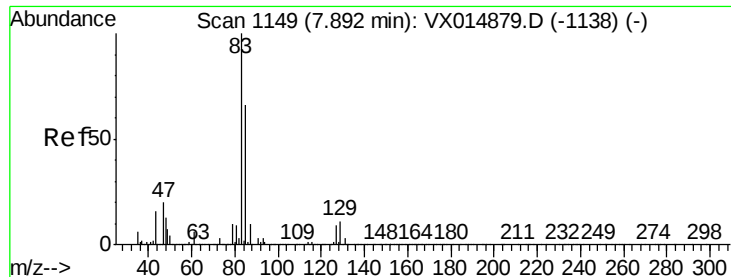
Tot Ion: 63 Resp: 216366
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3



#46
 Dibromomethane
 Concen: 50.284 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion: 93 Resp: 142327
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 115.7 95.4 143.2





#47

Bromodichloromethane

Concen: 50.177 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

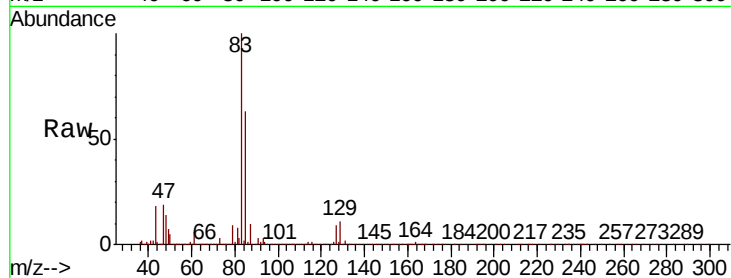
Tot Ion: 83 Resp: 281605

Ion Ratio Lower Upper

83 100

85 63.3 52.5 78.7

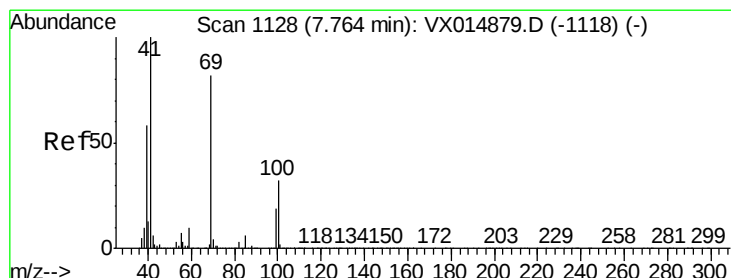
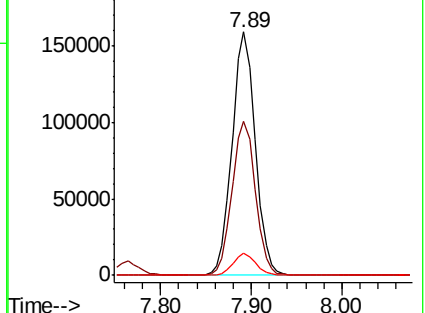
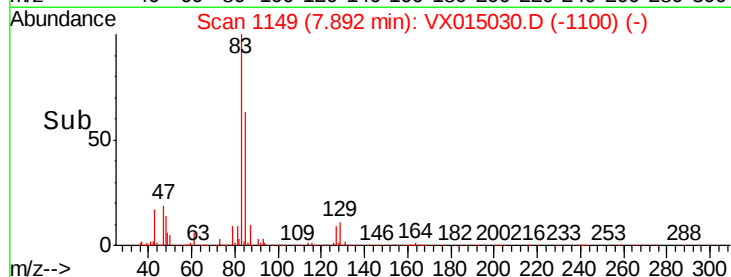
127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.040 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

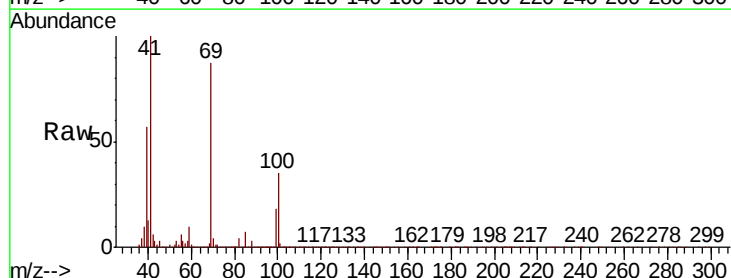
Tgt Ion: 41 Resp: 248659

Ion Ratio Lower Upper

41 100

69 82.9 65.7 98.5

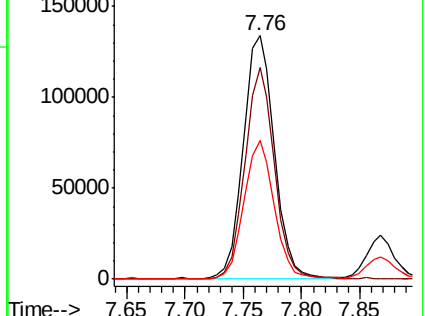
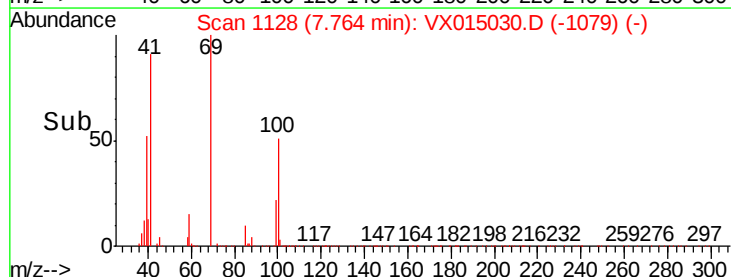
39 55.2 45.8 68.8



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

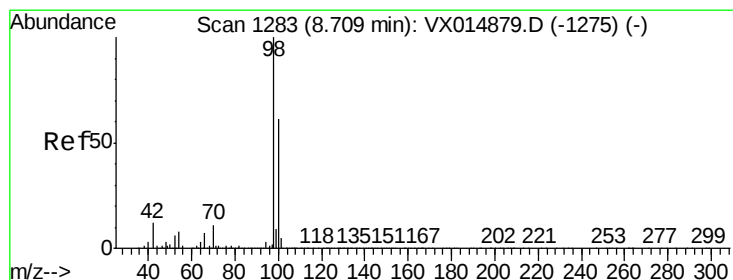
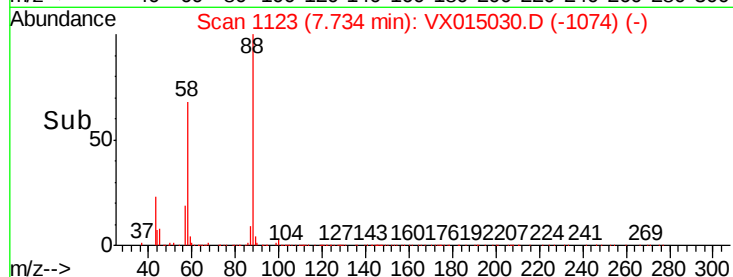
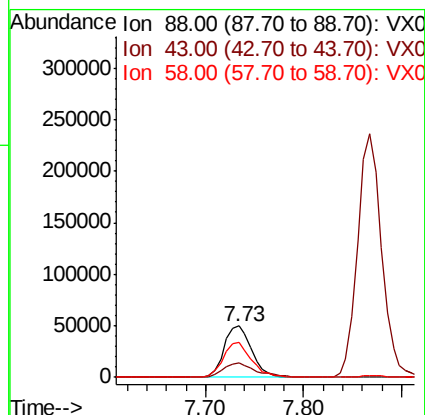
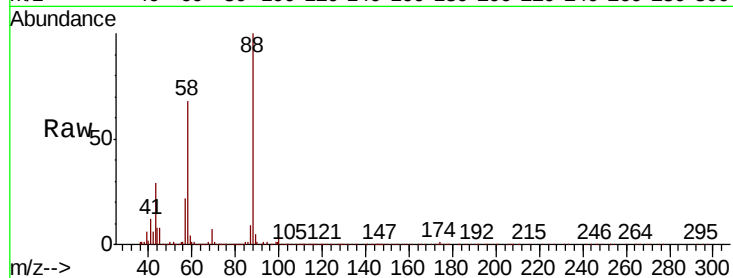




#49
1,4-Dioxane
Concen: 1122.826 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

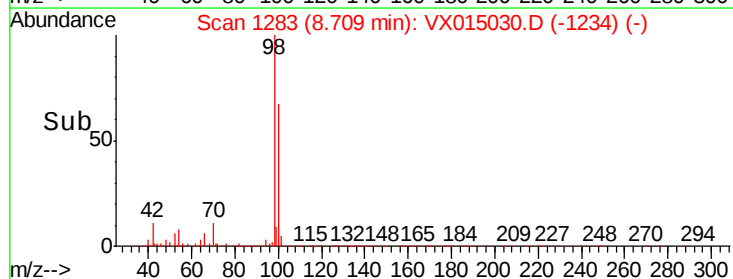
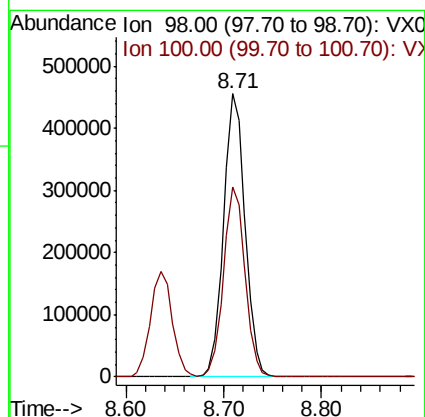
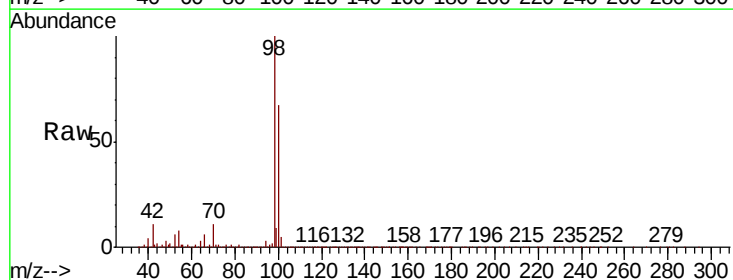
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

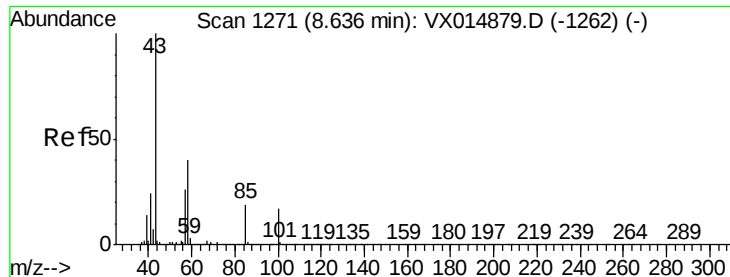
Tot Ion	88	Resp	96598
Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.0	40.4
58	69.2	53.2	79.8



#50
Toluene-d8
Concen: 48.792 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion	98	Resp	695580
Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 283.945 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

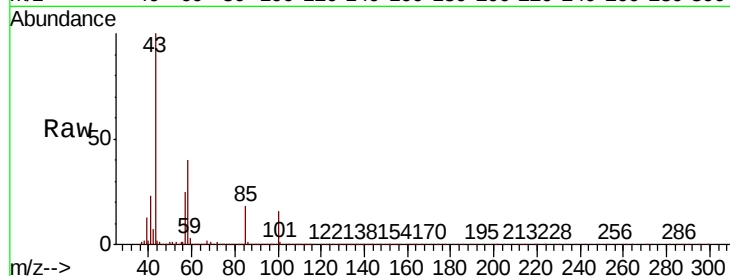
GR-OF-20200225MSD

Tot Ion: 43 Resp: 1603054

Ion Ratio Lower Upper

43 100

58 39.6 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200000

1000000

800000

600000

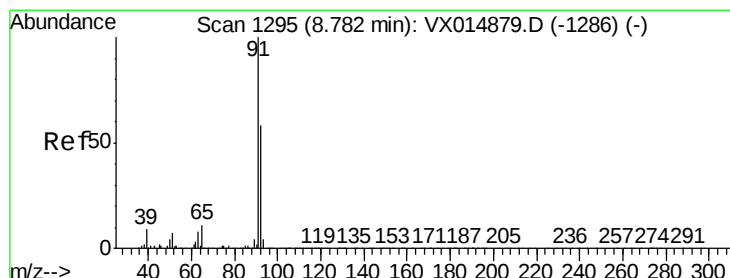
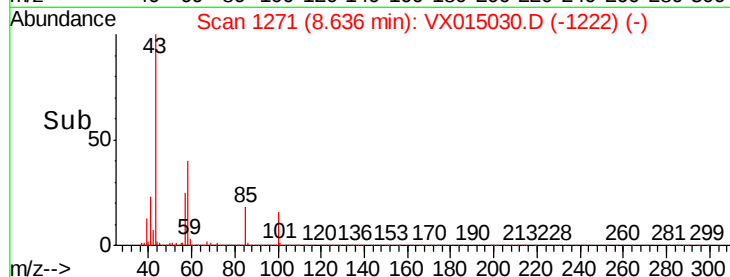
400000

200000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 50.183 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX015030.D

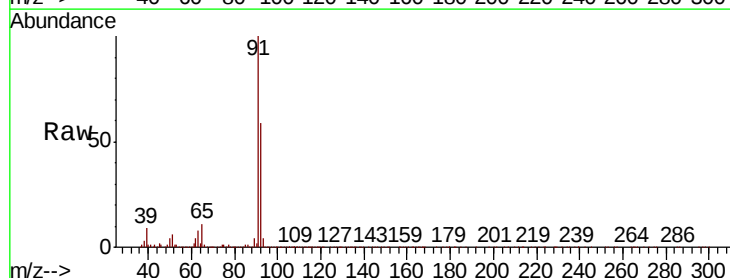
Acq: 26 Feb 2020 18:45

Tgt Ion: 92 Resp: 517511

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

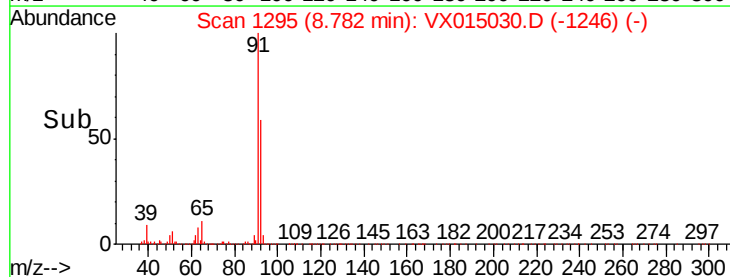
400000

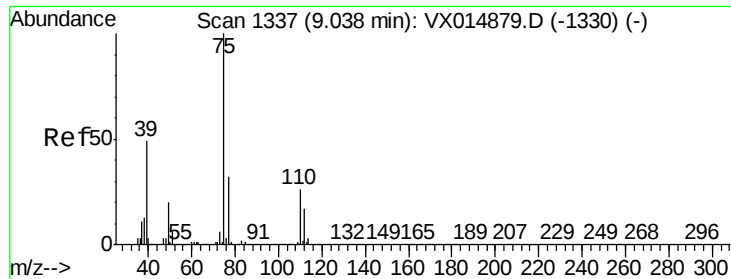
200000

0

8.70 8.75 8.80 8.85 8.90

Time-->

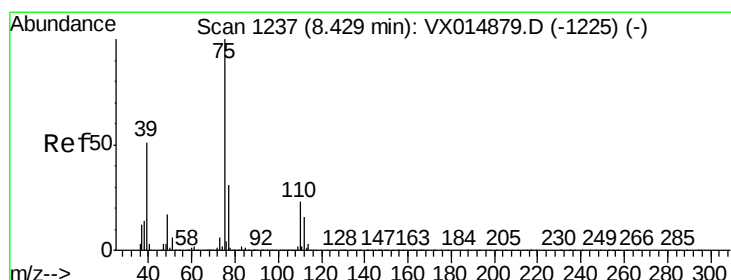
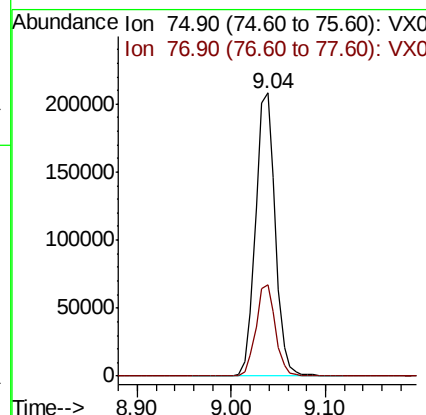
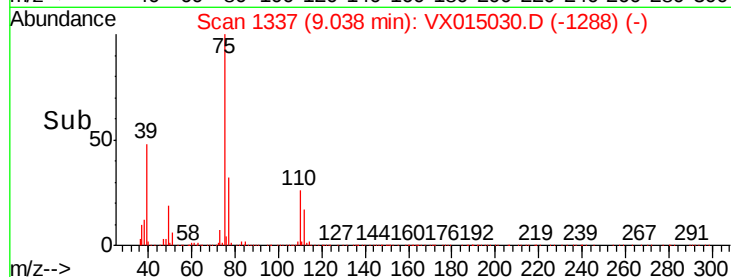
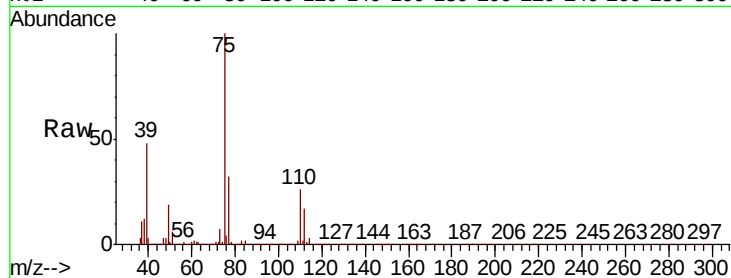




#53
t-1,3-Dichloropropene
Concen: 49.752 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

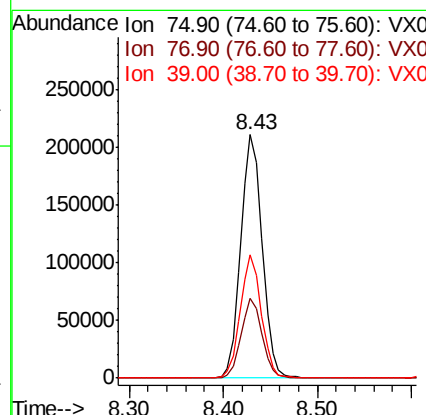
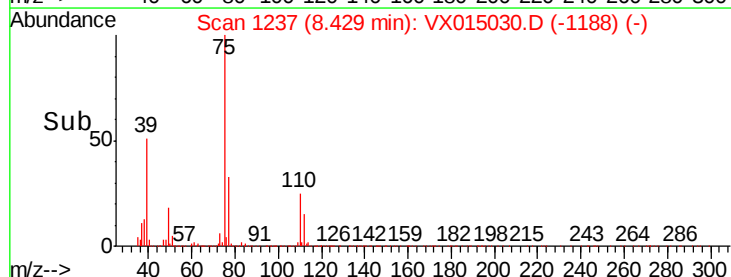
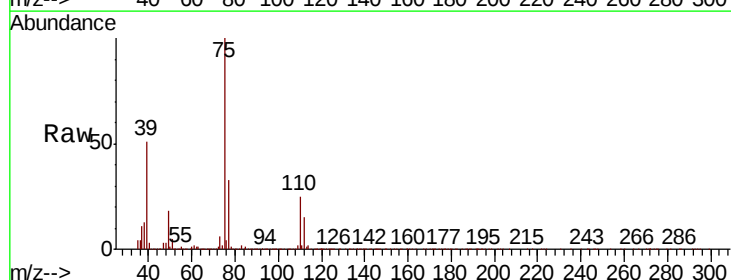
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

Tot Ion: 75 Resp: 306009
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 49.118 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 75 Resp: 333743
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0
39 50.5 40.9 61.3

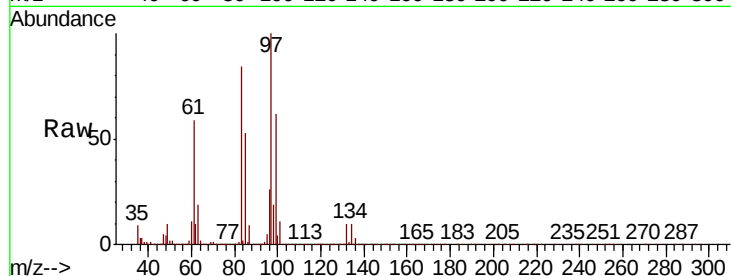




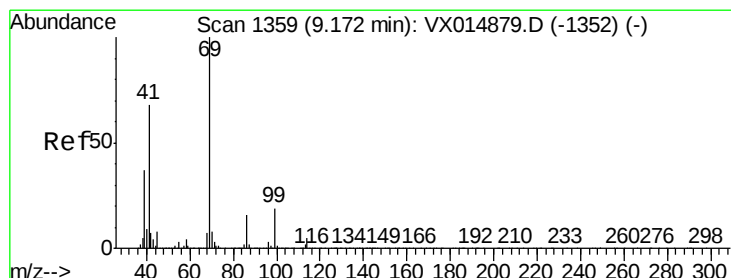
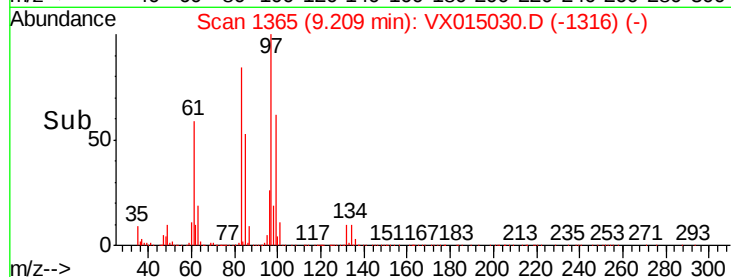
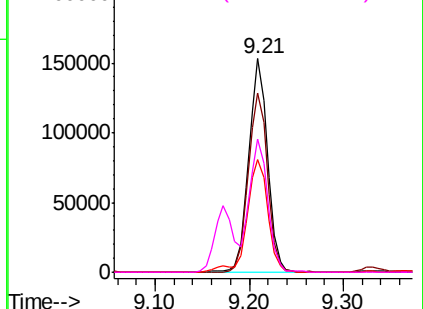
#55
 1,1,2-Trichloroethane
 Concen: 51.374 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

Tot Ion:	97	Resp:	214344
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.6	99.8
85	52.8	43.5	65.3
99	62.1	49.6	74.4

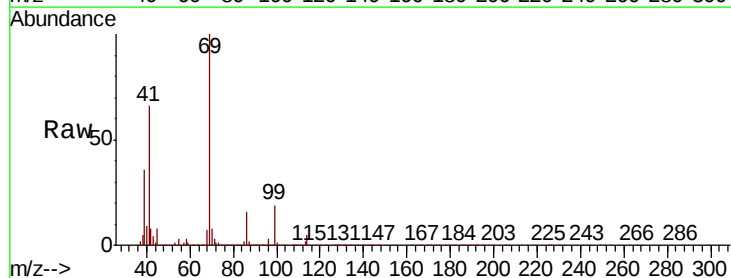


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

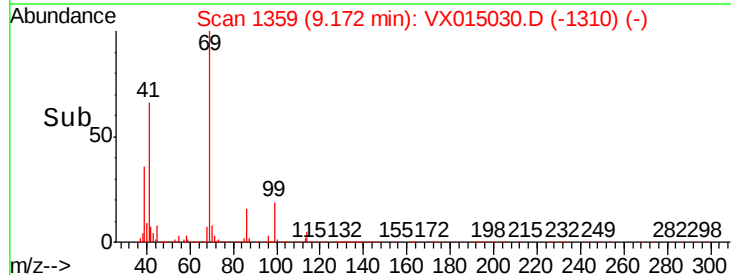
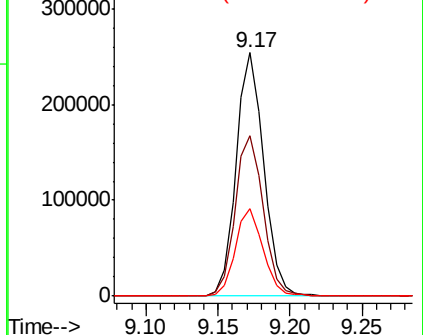


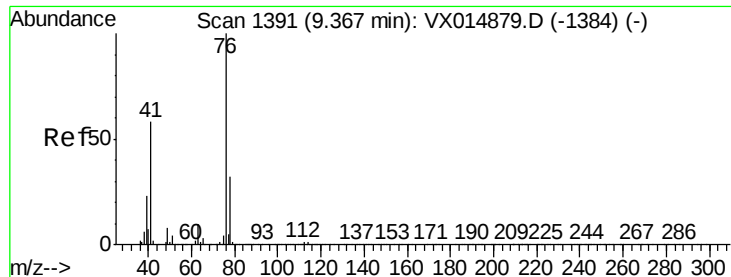
#56
 Ethyl methacrylate
 Concen: 54.264 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion:	69	Resp:	340304
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.8	82.2
39	36.2	29.9	44.9



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





#57

1,3-Dichloropropane

Concen: 51.710 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

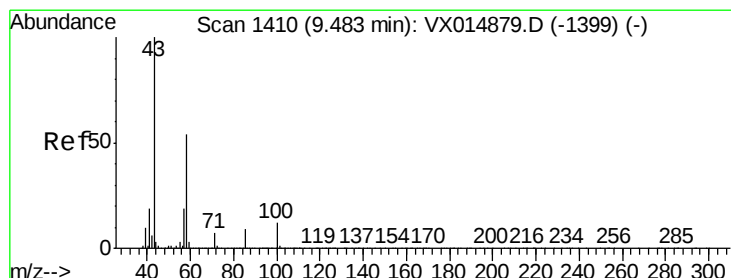
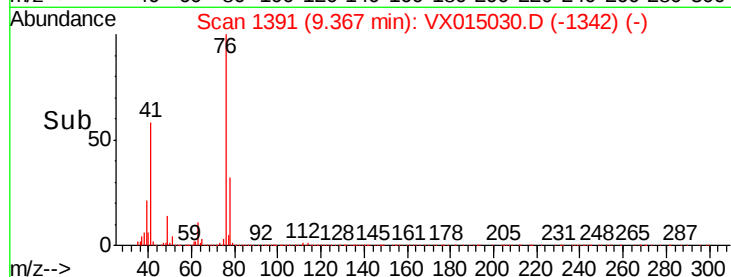
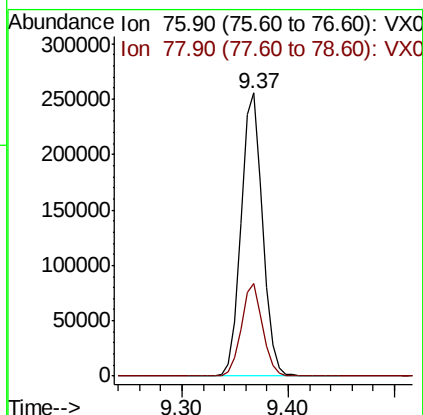
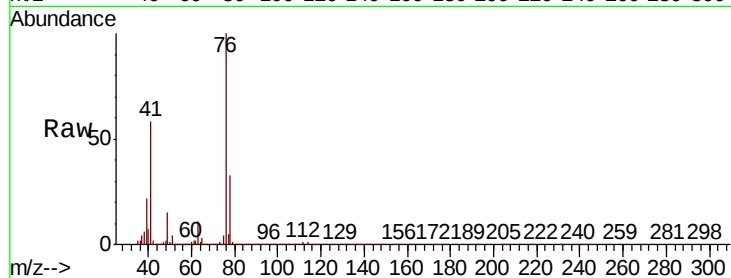
GR-OF-20200225MSD

Tot Ion: 76 Resp: 363175

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#59

2-Hexanone

Concen: 271.892 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015030.D

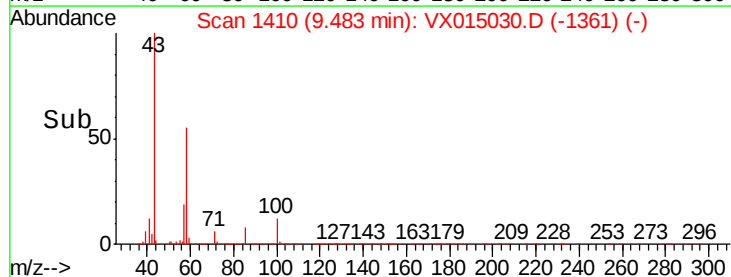
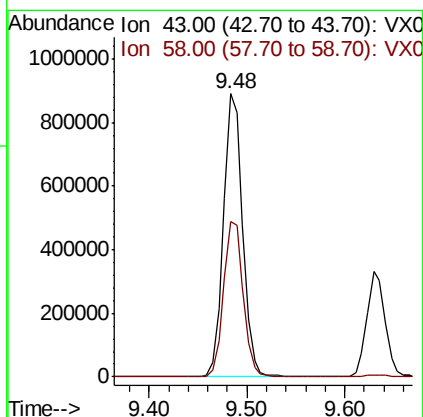
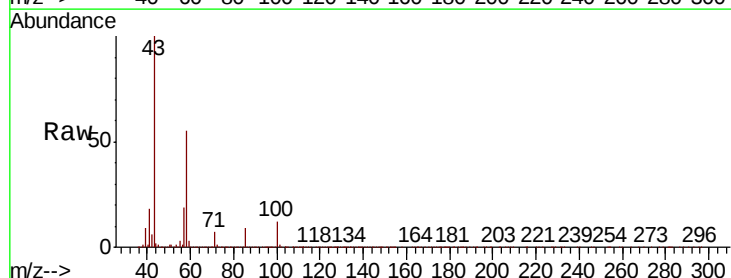
Acq: 26 Feb 2020 18:45

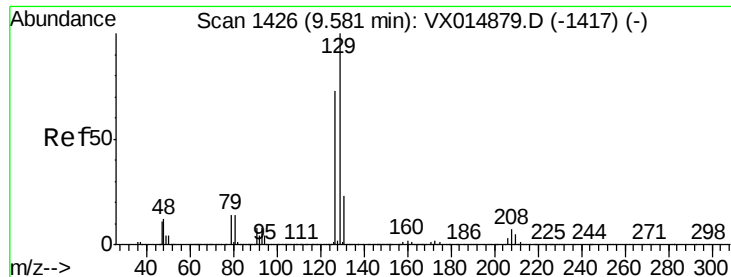
Tgt Ion: 43 Resp: 1206535

Ion Ratio Lower Upper

43 100

58 56.5 27.5 82.5





#60

Dibromochloromethane

Concen: 51.511 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

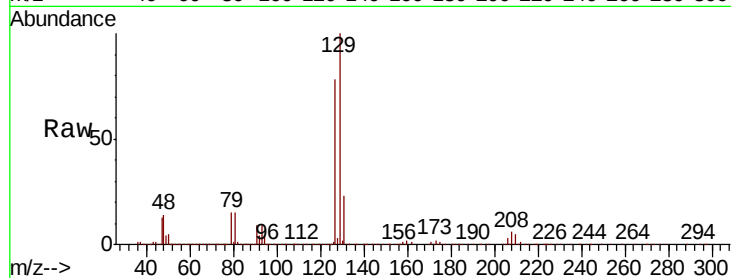
GR-OF-20200225MSD

Tot Ion:129 Resp: 231287

Ion Ratio Lower Upper

129 100

127 76.4 37.8 113.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

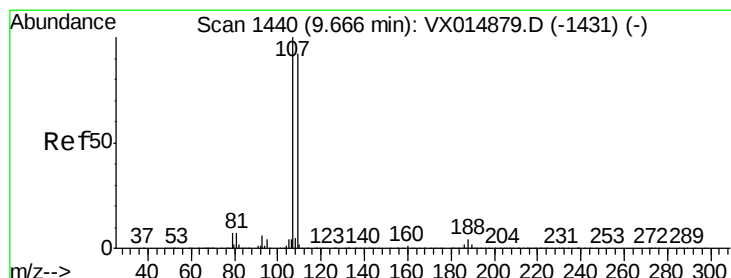
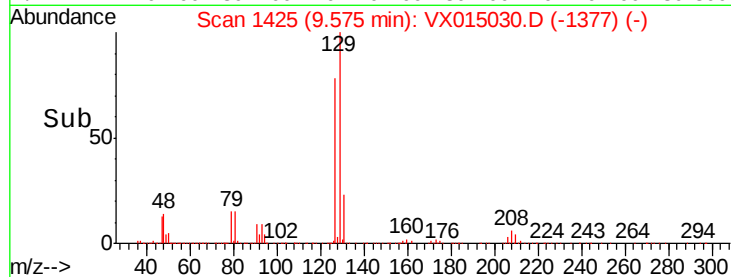
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.513 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015030.D

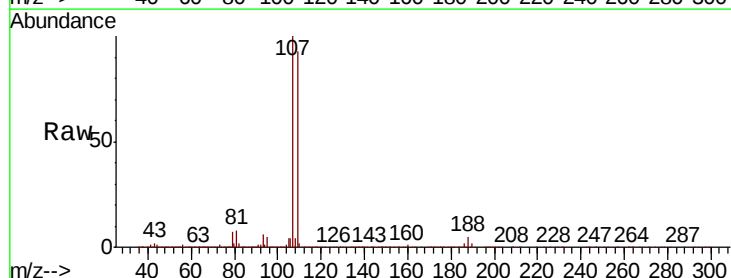
Acq: 26 Feb 2020 18:45

Tgt Ion:107 Resp: 227396

Ion Ratio Lower Upper

107 100

109 94.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

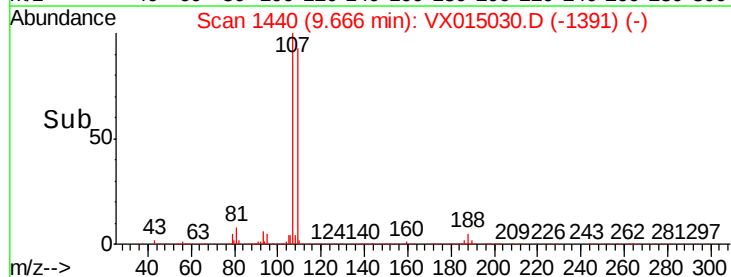
150000

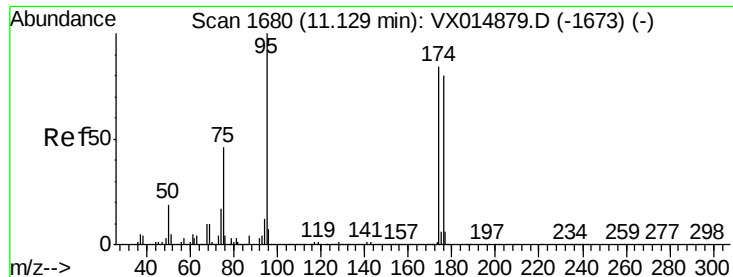
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.887 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

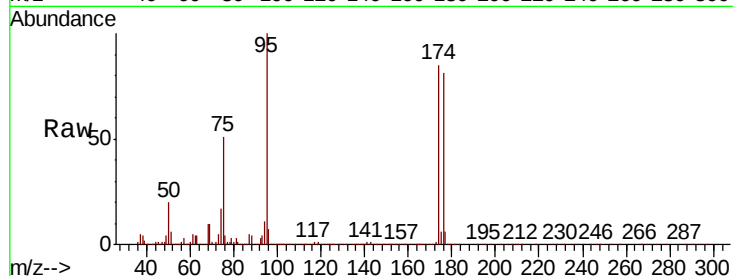
Tot Ion: 95 Resp: 256189

Ion Ratio Lower Upper

95 100

174 90.6 0.0 183.0

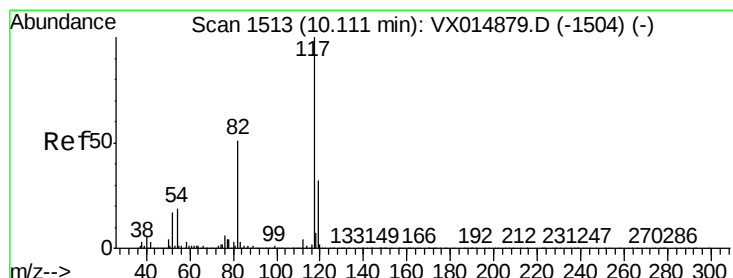
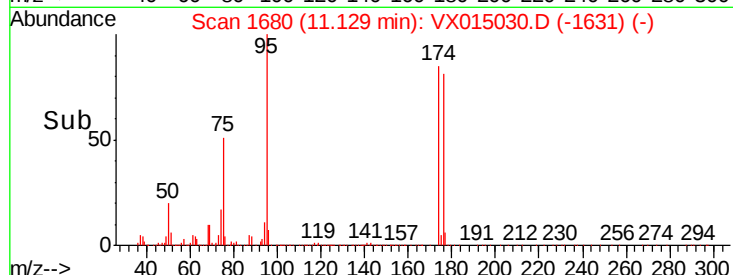
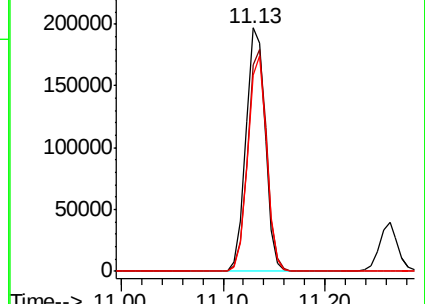
176 87.4 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

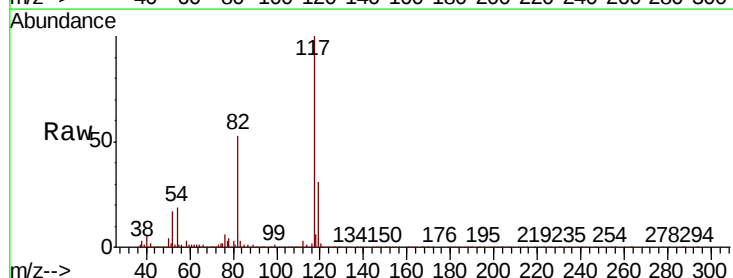
Tgt Ion: 117 Resp: 583916

Ion Ratio Lower Upper

117 100

82 52.8 40.5 60.7

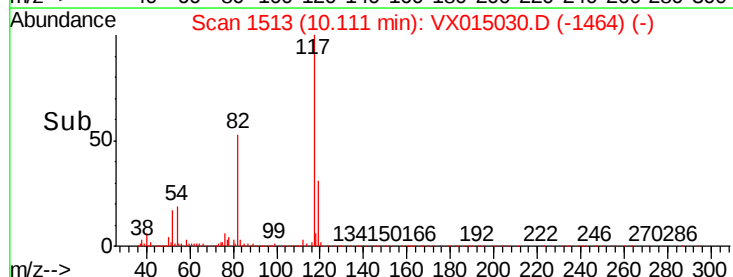
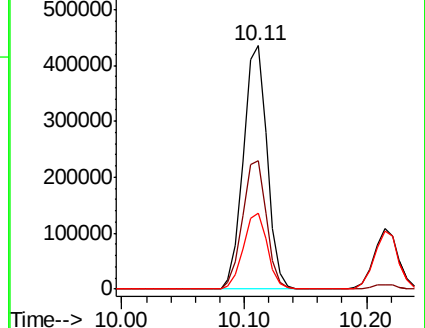
119 31.3 25.8 38.6

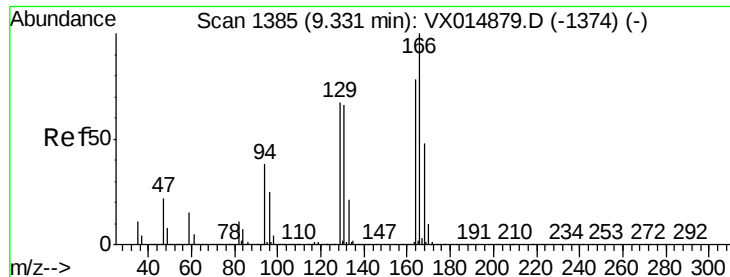


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)





#64

Tetrachloroethene

Concen: 40.831 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

Tot Ion:164 Resp: 222910

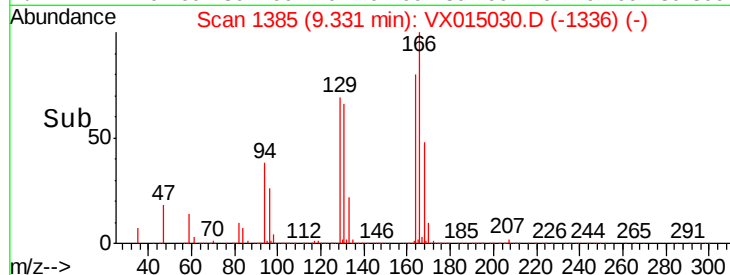
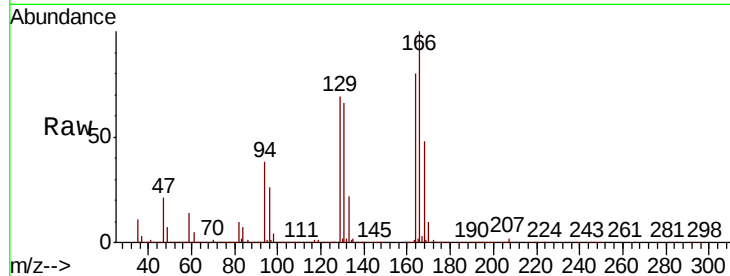
Ion Ratio Lower Upper

164 100

166 125.5 102.6 153.8

129 86.1 68.3 102.5

131 82.7 67.4 101.2



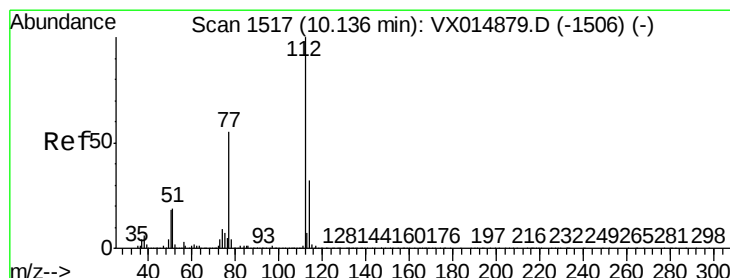
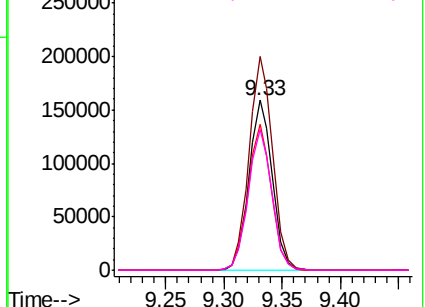
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.775 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015030.D

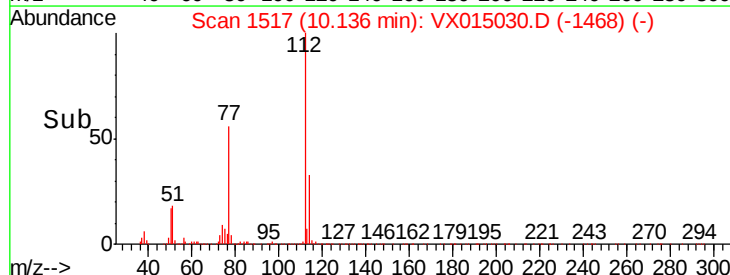
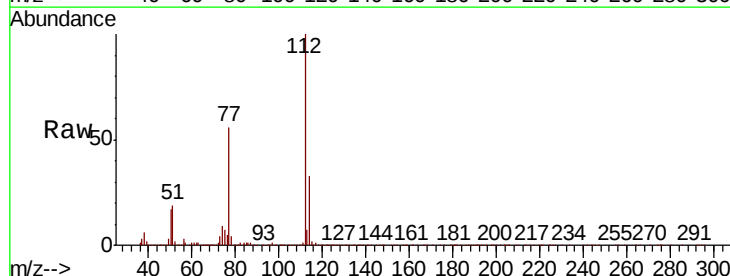
Acq: 26 Feb 2020 18:45

Tgt Ion:112 Resp: 565812

Ion Ratio Lower Upper

112 100

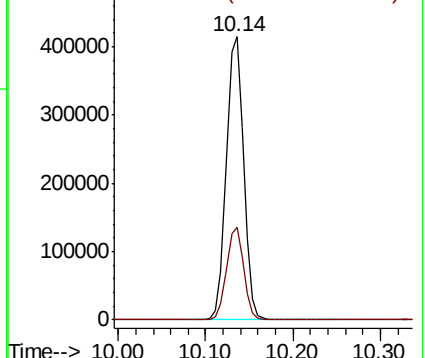
114 32.6 25.6 38.4

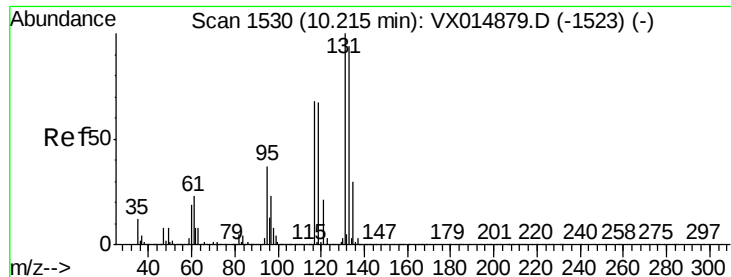


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 48.775 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

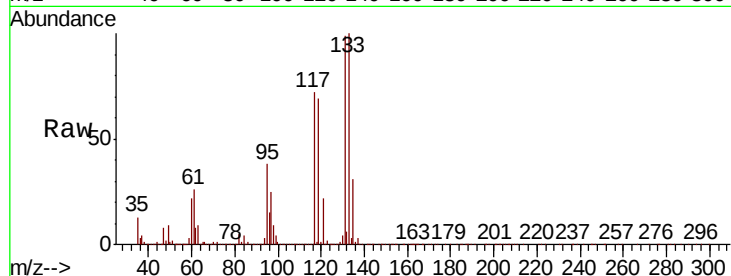
Tot Ion:131 Resp: 209715

Ion Ratio Lower Upper

131 100

133 97.0 48.1 144.4

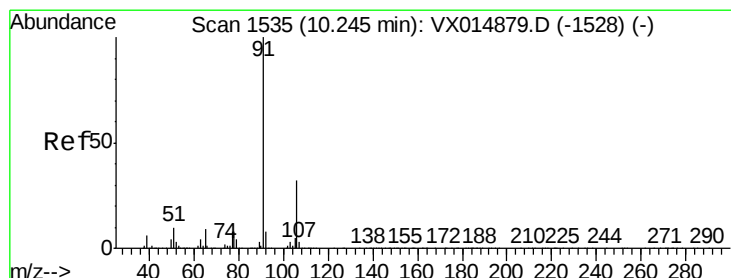
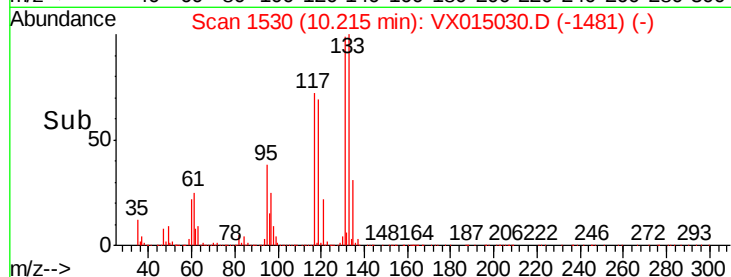
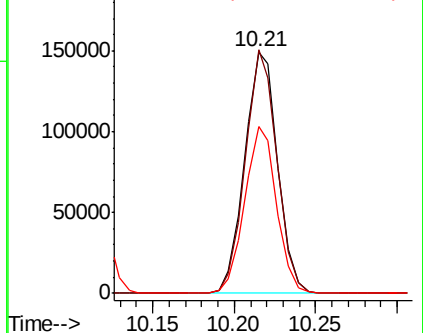
119 66.9 33.0 99.0



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: 48.959 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015030.D

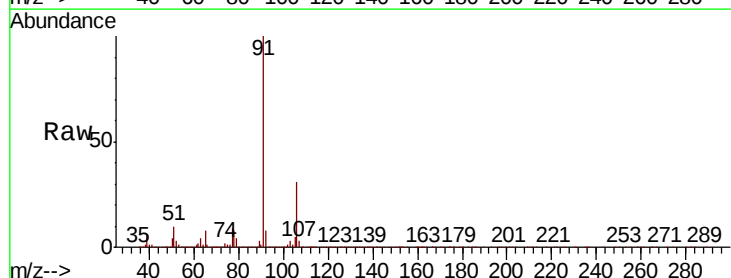
Acq: 26 Feb 2020 18:45

Tgt Ion: 91 Resp: 986119

Ion Ratio Lower Upper

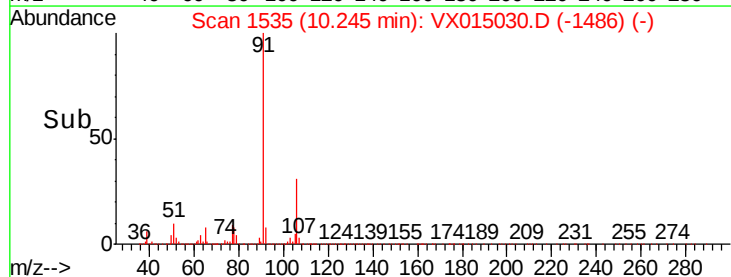
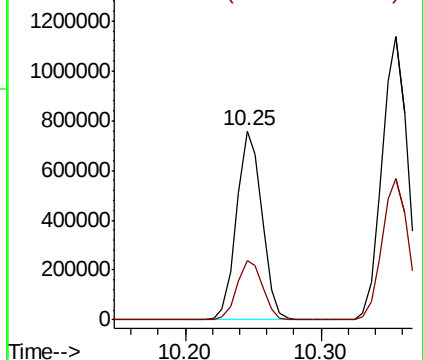
91 100

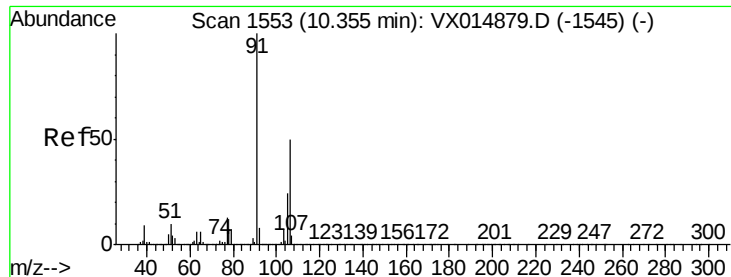
106 31.3 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 97.564 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

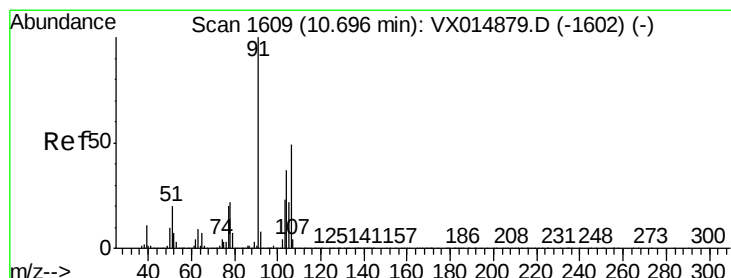
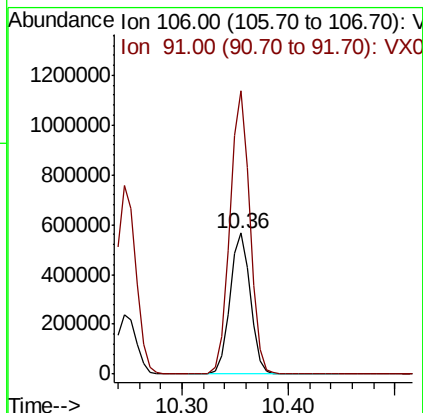
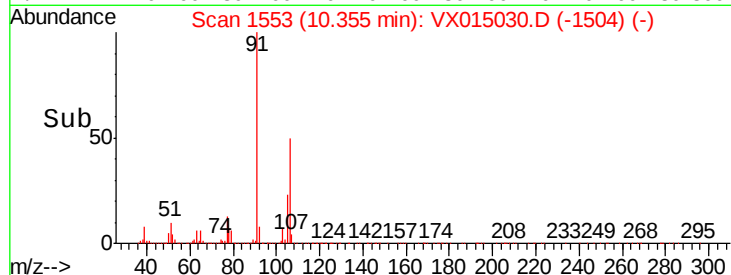
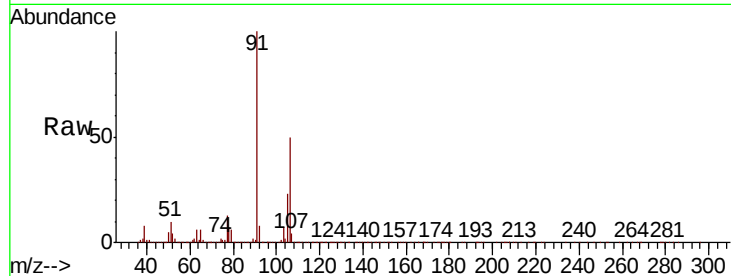
GR-OF-20200225MSD

Tot Ion:106 Resp: 757033

Ion Ratio Lower Upper

106 100

91 197.6 160.6 240.8



#69

o-Xylene

Concen: 48.637 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015030.D

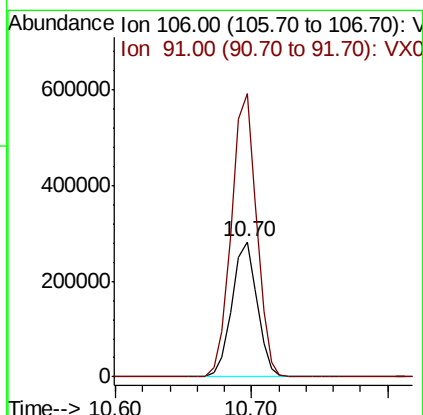
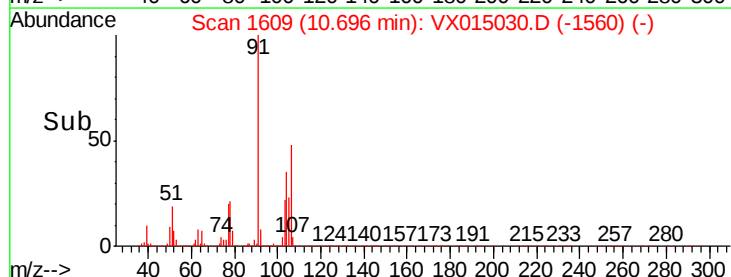
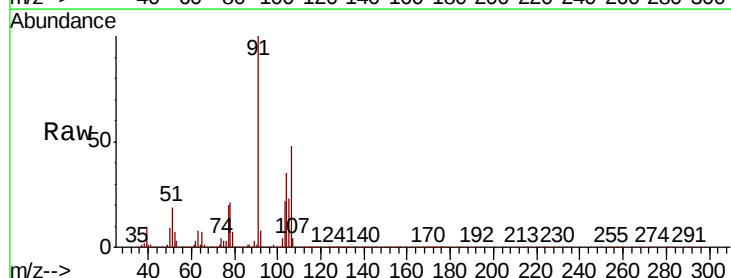
Acq: 26 Feb 2020 18:45

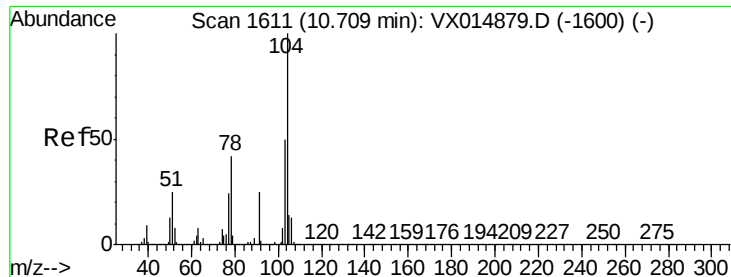
Tgt Ion:106 Resp: 362778

Ion Ratio Lower Upper

106 100

91 210.4 105.1 315.3

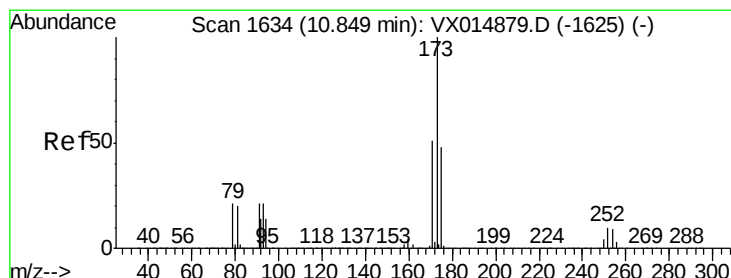
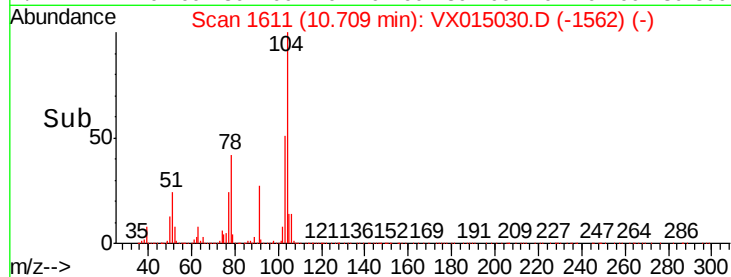
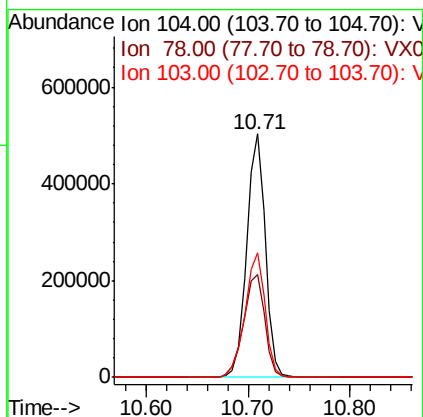
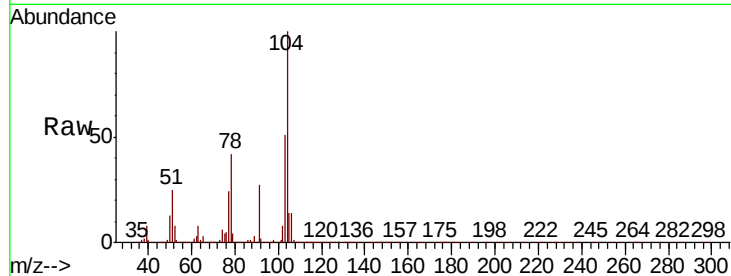




#70
Stvrene
Concen: 50.509 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

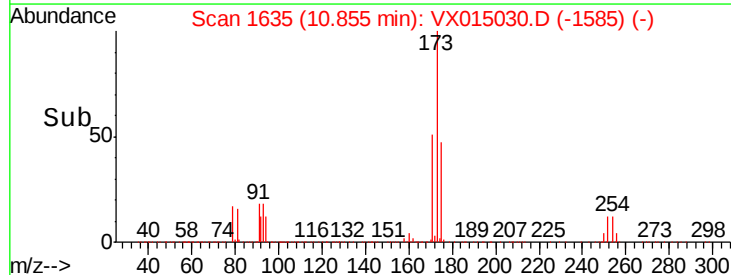
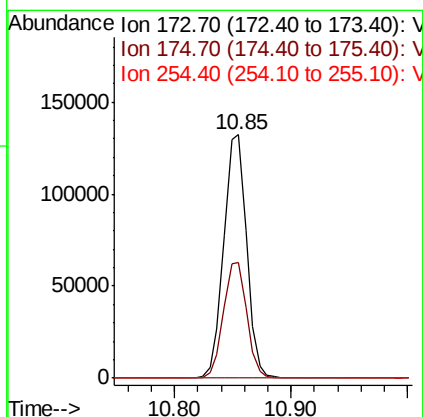
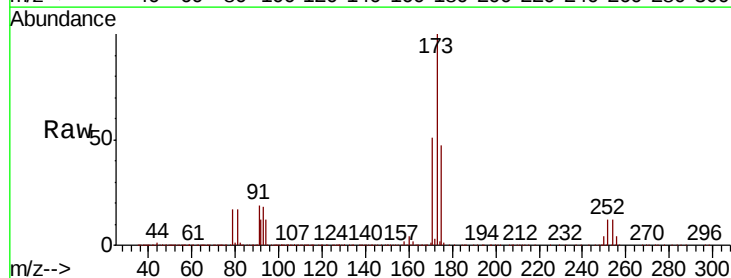
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

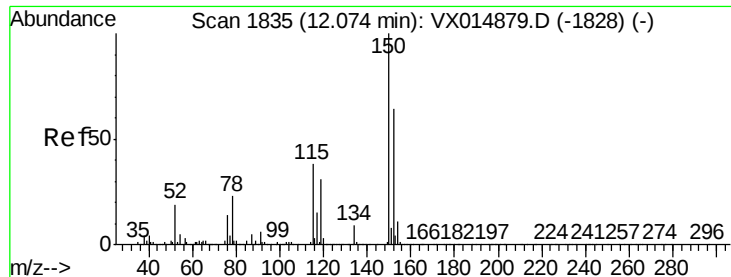
Tot Ion:104 Resp: 637341
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.4
103 55.0 43.4 65.0



#71
Bromoform
Concen: 49.957 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion:173 Resp: 179292
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.3 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

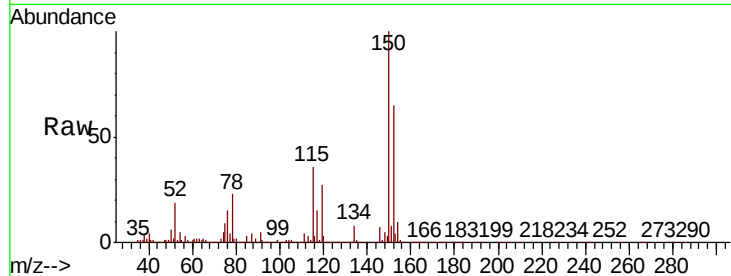
Tot Ion:152 Resp: 309212

Ion Ratio Lower Upper

152 100

115 75.2 38.6 116.0

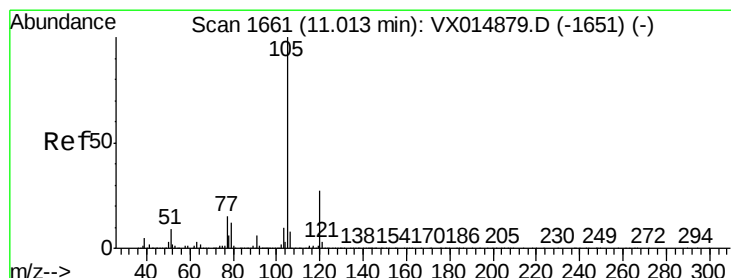
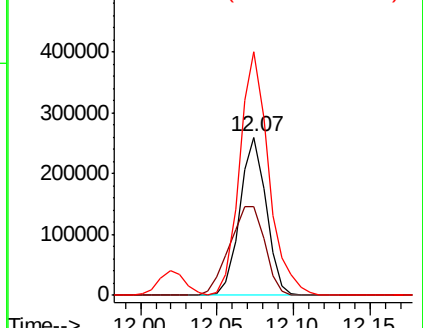
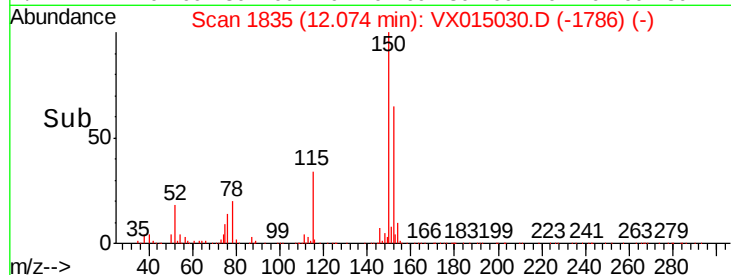
150 169.9 0.0 349.0



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: 50.553 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015030.D

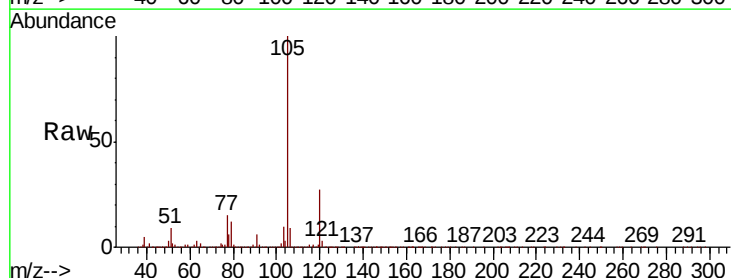
Acq: 26 Feb 2020 18:45

Tgt Ion:105 Resp: 980269

Ion Ratio Lower Upper

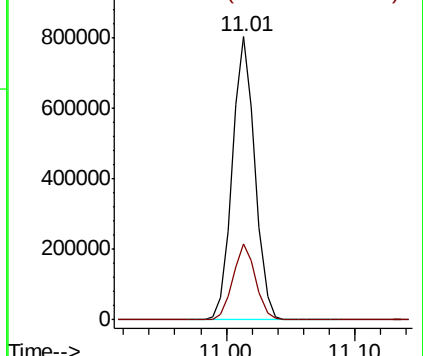
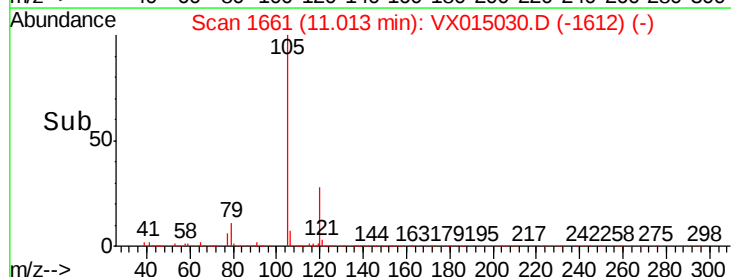
105 100

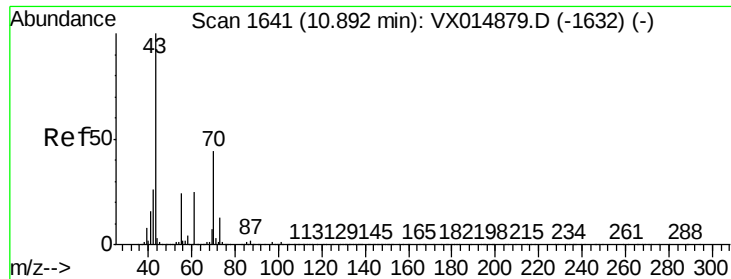
120 27.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

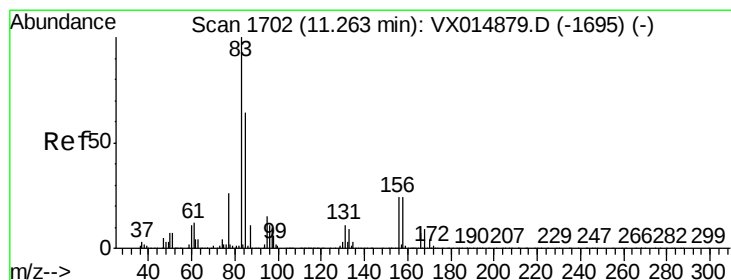
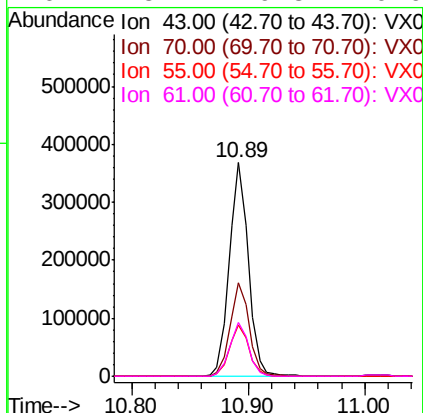
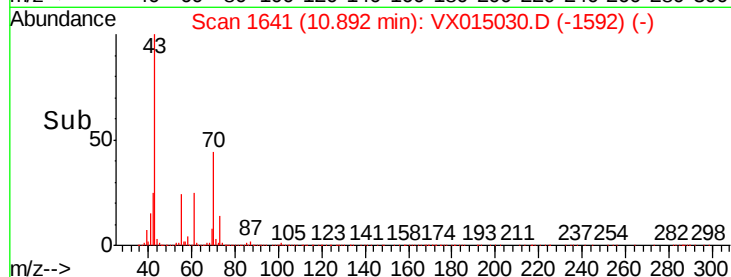
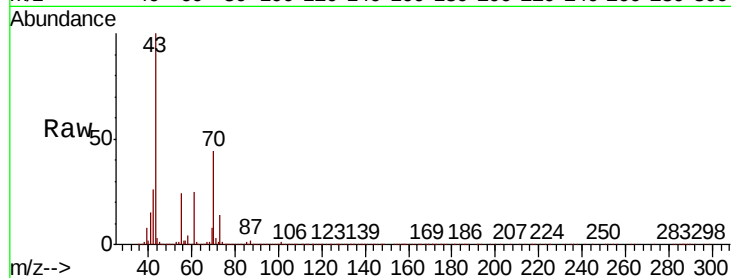




#74
N-amvl acetate
Concen: 51.901 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

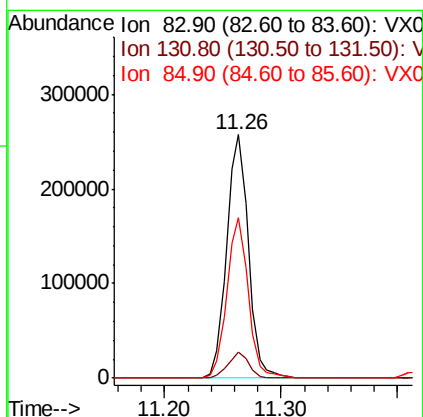
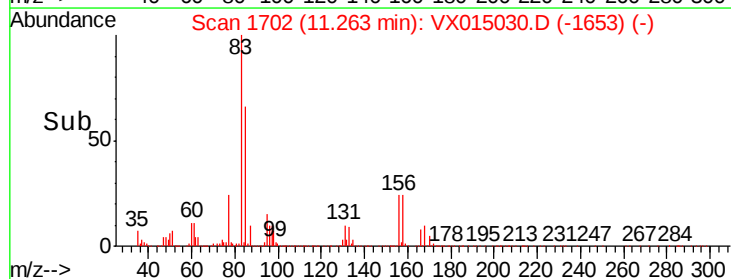
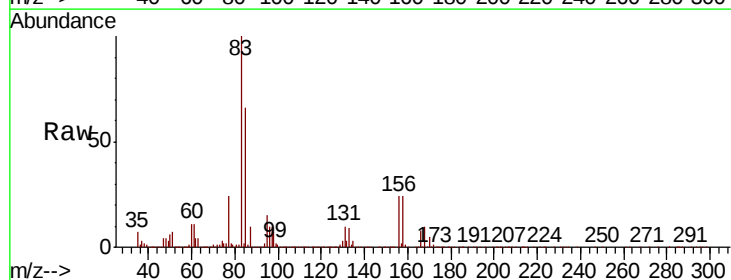
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

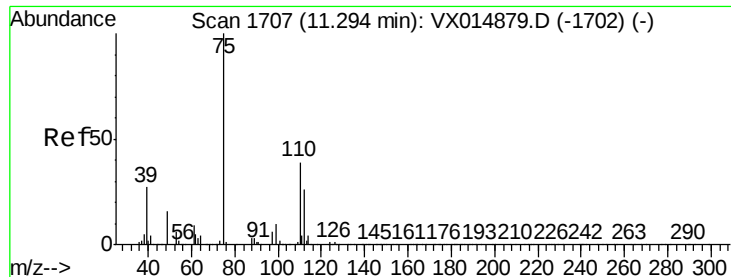
Tot Ion:	43	Resp:	418173
Ion	Ratio	Lower	Upper
43	100		
70	44.2	35.0	52.4
55	24.5	19.4	29.2
61	25.2	19.8	29.6



#75
1,1,2,2-Tetrachloroethane
Concen: 52.513 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion:	83	Resp:	332869
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	16.1
85	64.9	32.6	97.7



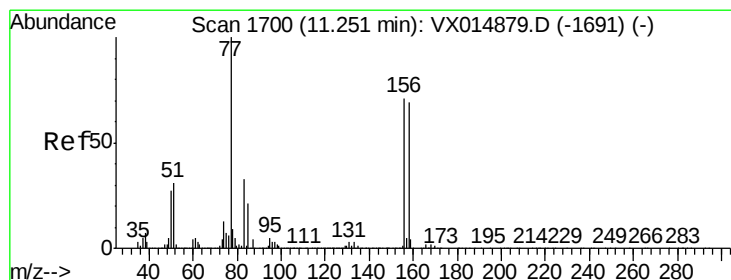
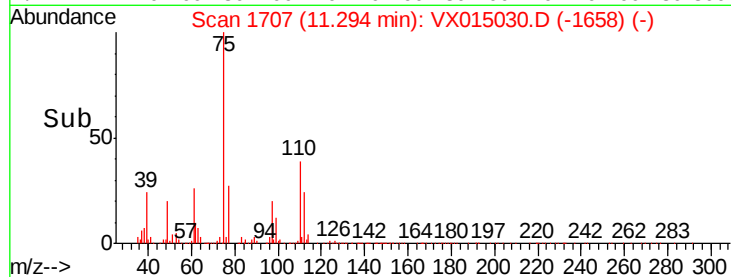
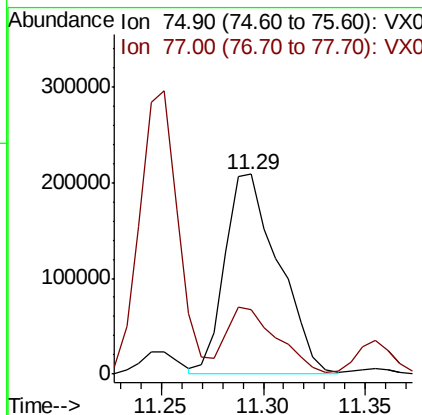
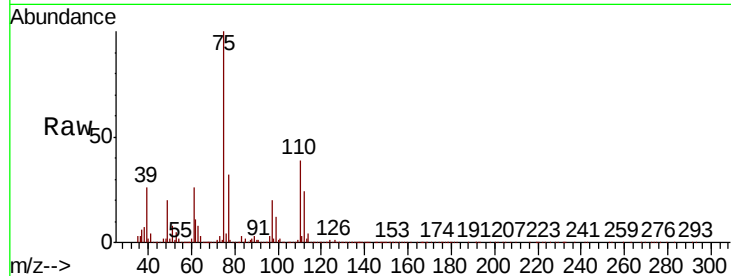


#76

1,2,3-Trichloropropane
Concen: 68.132 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

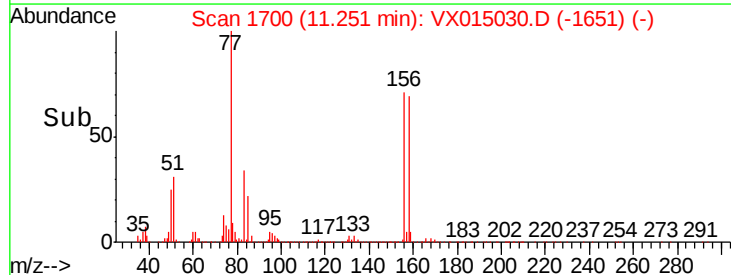
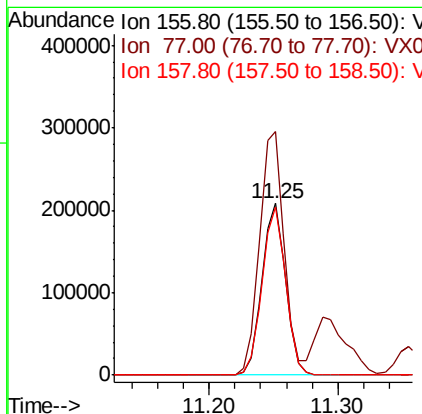
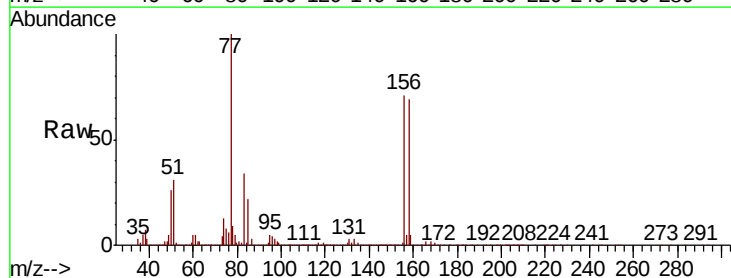
Tot Ion: 75 Resp: 380962
Ion Ratio Lower Upper
75 100
77 30.9 18.4 55.0

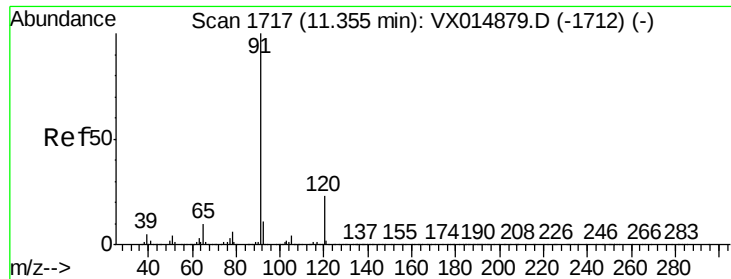


#77

Bromobenzene
Concen: 48.486 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 156 Resp: 262416
Ion Ratio Lower Upper
156 100
77 147.7 74.0 222.0
158 98.1 48.9 146.6





#78

n-propylbenzene

Concen: 49.863 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

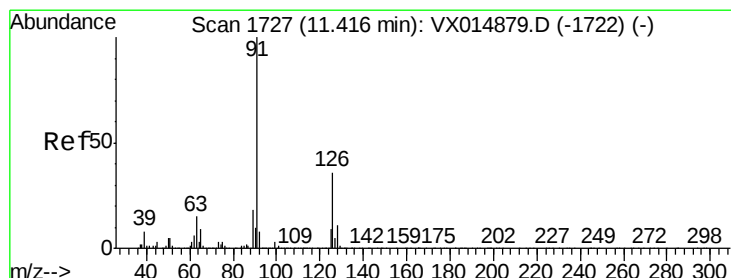
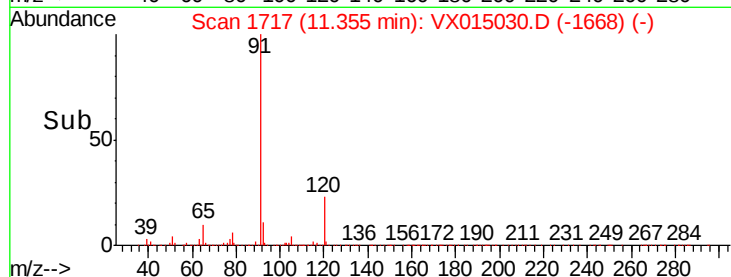
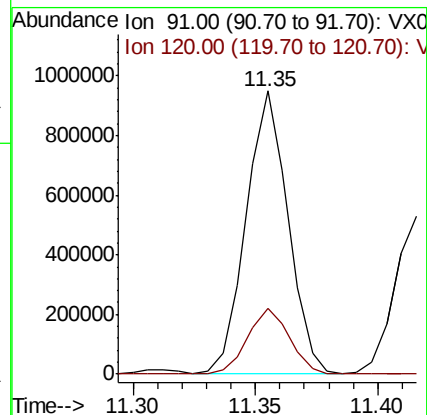
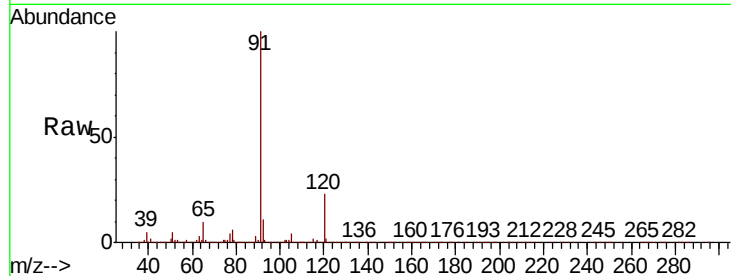
GR-OF-20200225MSD

Tot Ion: 91 Resp: 1118307

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#79

2-Chlorotoluene

Concen: 49.581 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015030.D

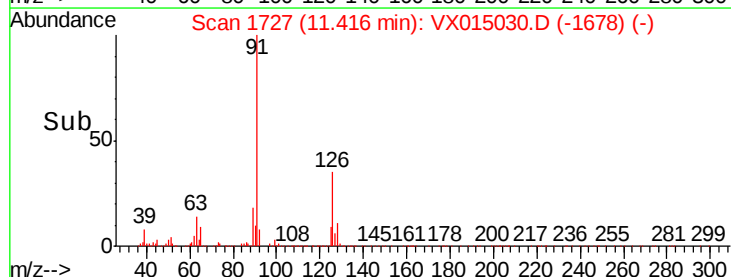
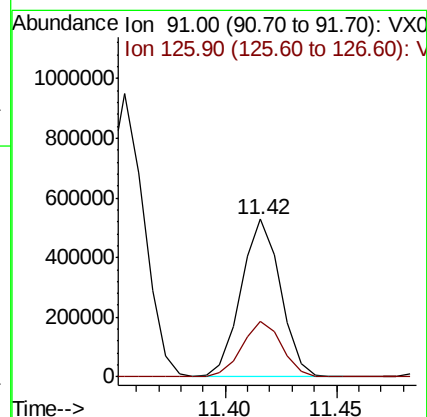
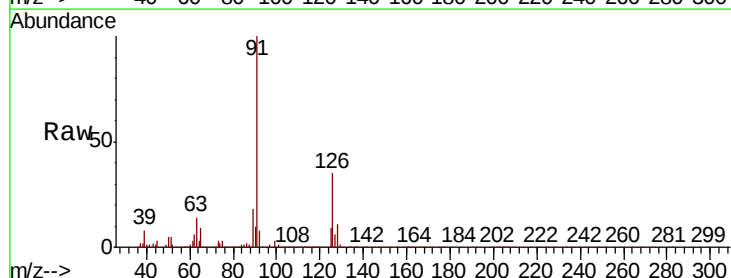
Acq: 26 Feb 2020 18:45

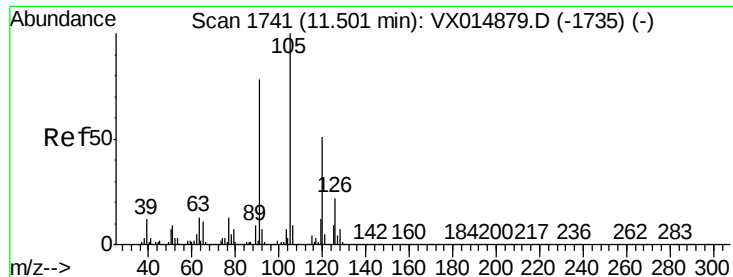
Tgt Ion: 91 Resp: 653726

Ion Ratio Lower Upper

91 100

126 35.5 18.0 54.0

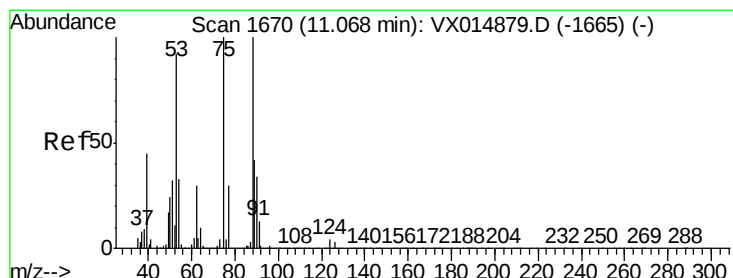
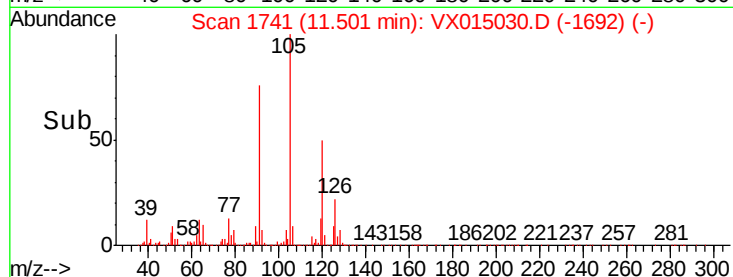
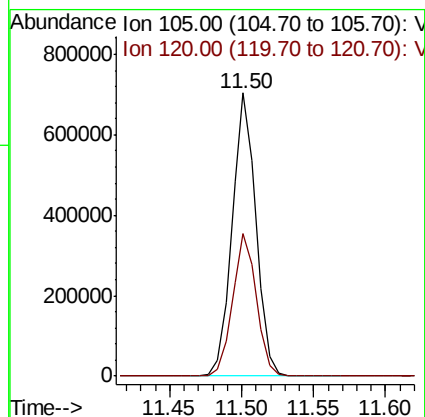
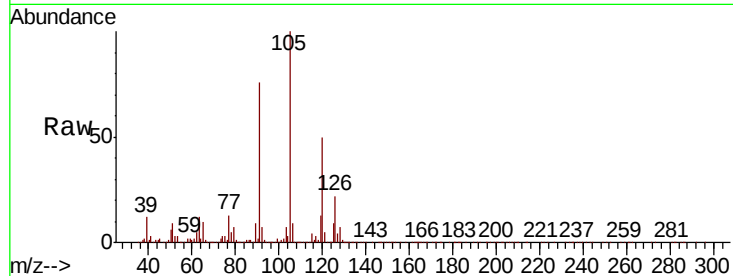




#80
 1,3,5-Trimethylbenzene
 Concen: 50.240 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

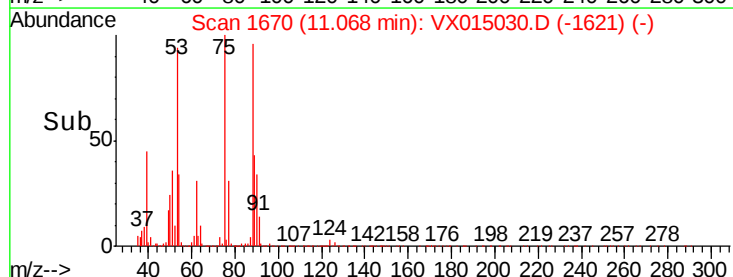
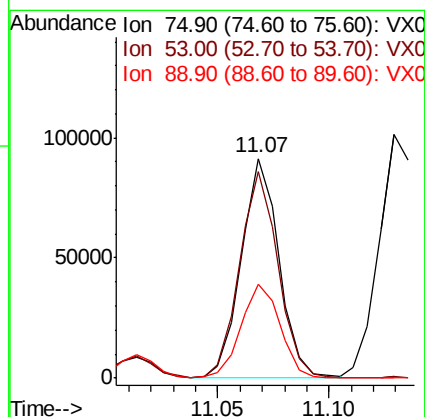
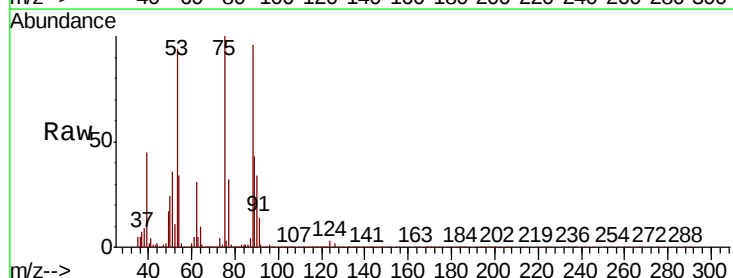
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

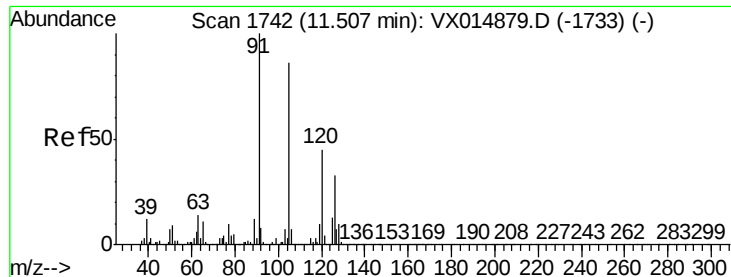
Tot Ion:105 Resp: 814009
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.6 76.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.337 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion: 75 Resp: 107775
 Ion Ratio Lower Upper
 75 100
 53 95.3 76.2 114.2
 89 44.9 35.8 53.6

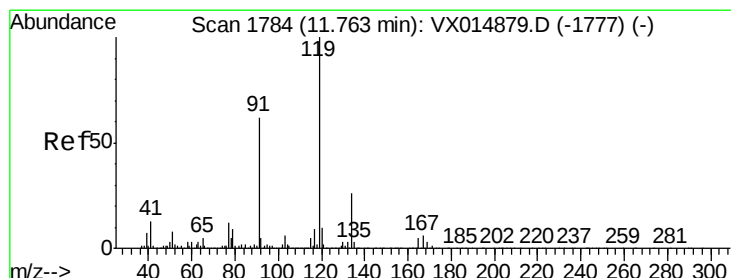
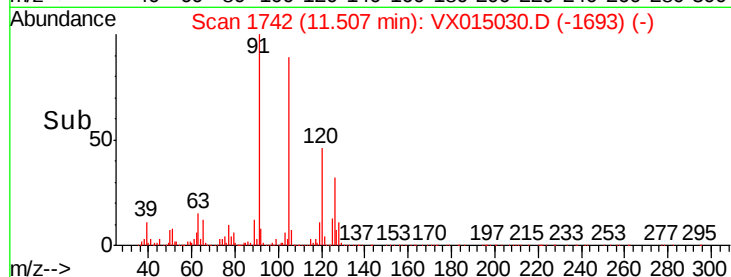
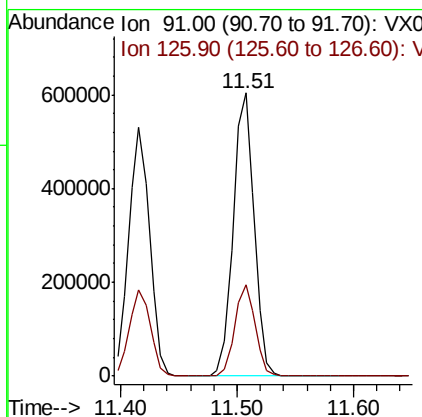
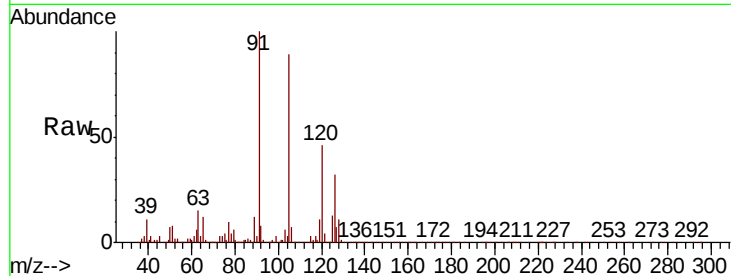




#82
4-Chlorotoluene
Concen: 48.391 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

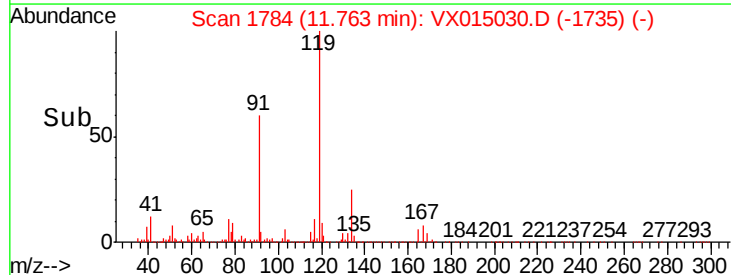
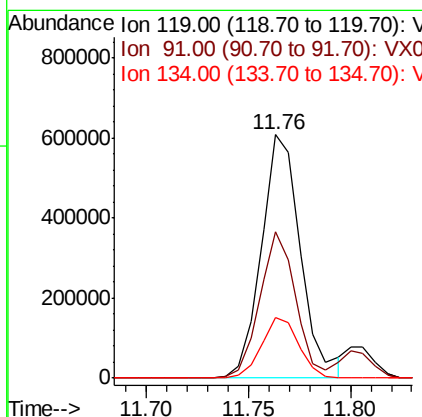
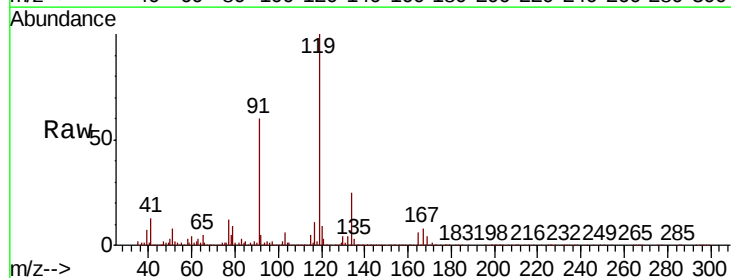
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200225MSD

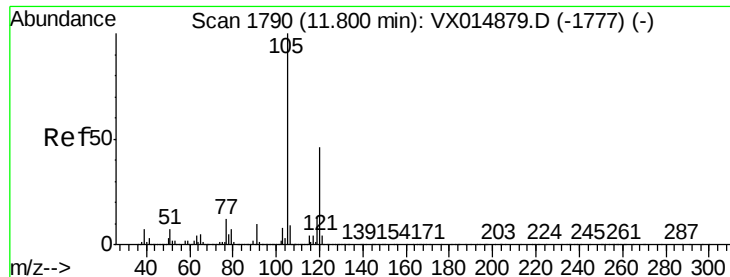
Tot Ion: 91 Resp: 755584
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.0



#83
tert-Butylbenzene
Concen: 53.073 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015030.D
Acq: 26 Feb 2020 18:45

Tgt Ion: 119 Resp: 814293
Ion Ratio Lower Upper
119 100
91 54.9 29.5 88.6
134 24.0 12.6 37.6

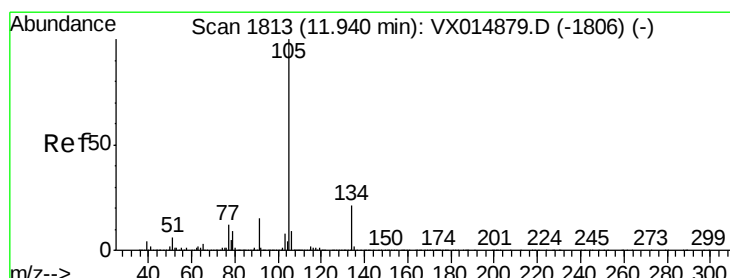
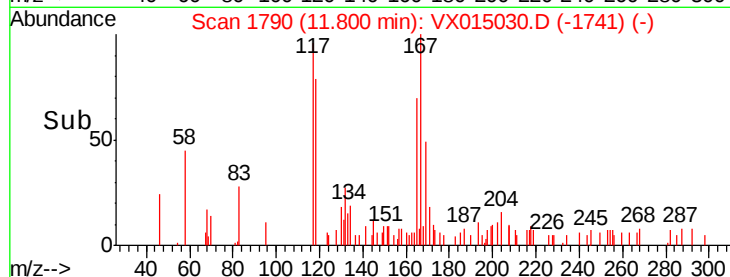
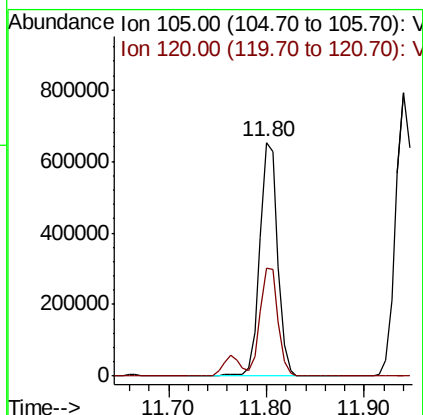
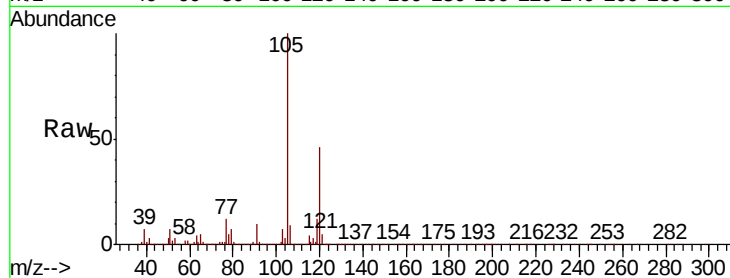




#84
 1,2,4-Trimethylbenzene
 Concen: 50.222 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

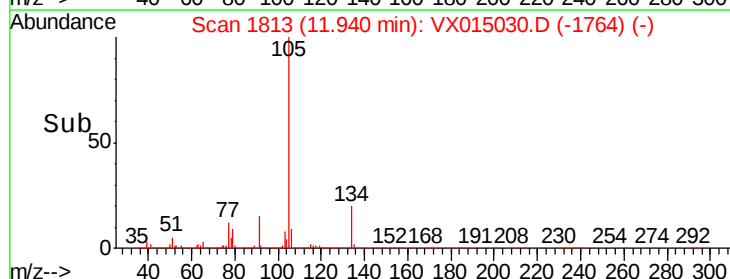
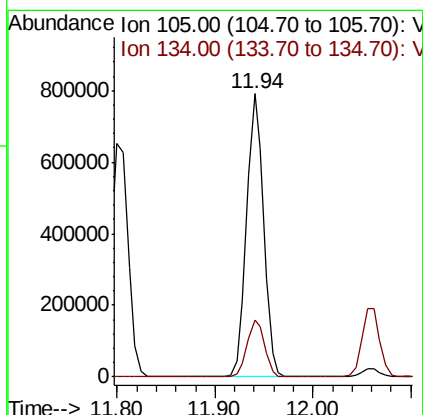
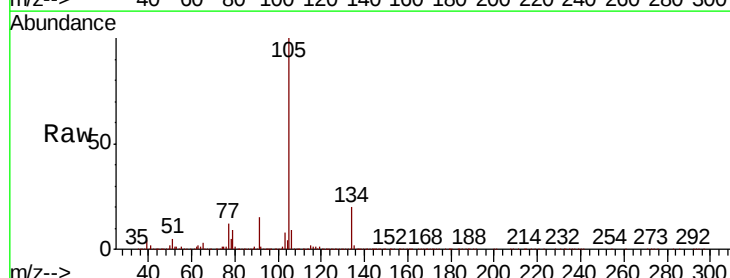
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

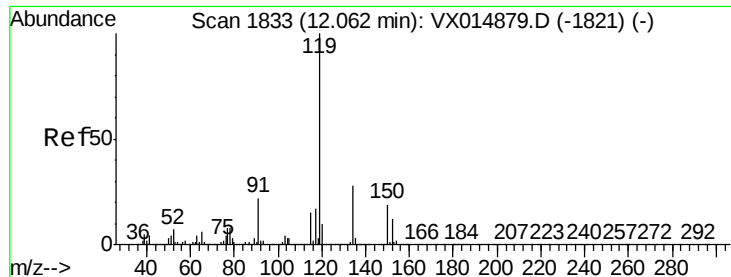
Tot Ion:105 Resp: 820030
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 50.192 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion:105 Resp: 956680
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.6 31.8





#86

p-Isopropyltoluene

Concen: 49.211 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

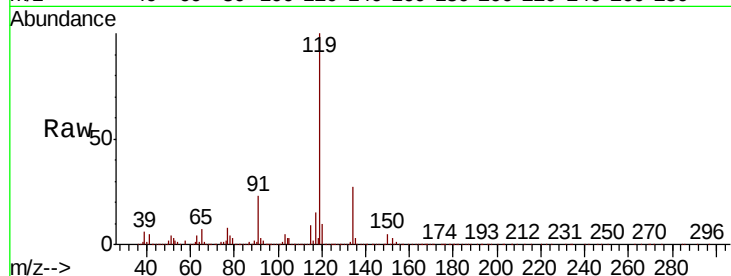
Tot Ion:119 Resp: 877744

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

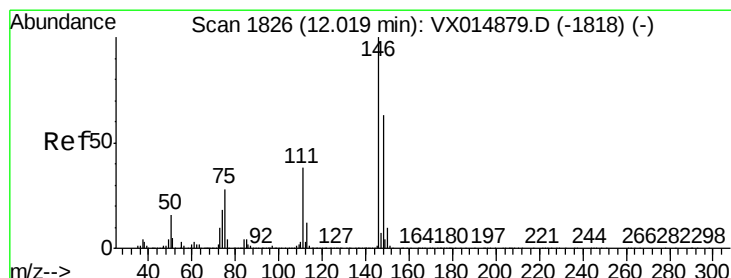
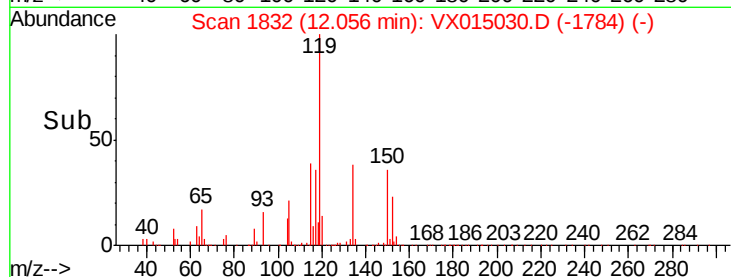
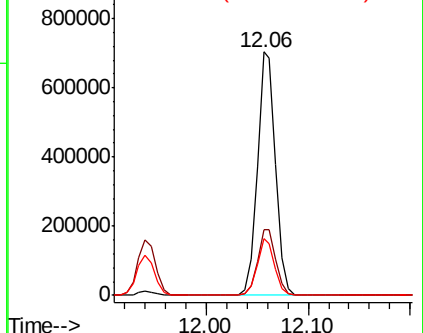
91 22.4 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 47.861 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

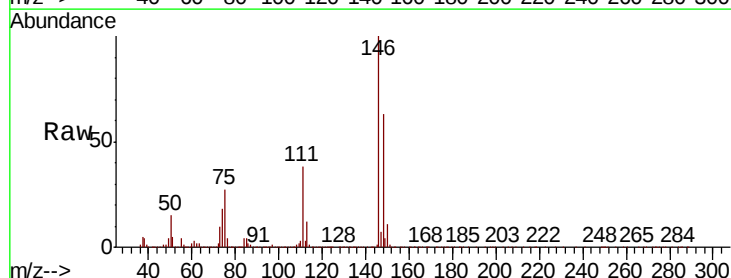
Tgt Ion:146 Resp: 464700

Ion Ratio Lower Upper

146 100

111 38.3 18.6 56.0

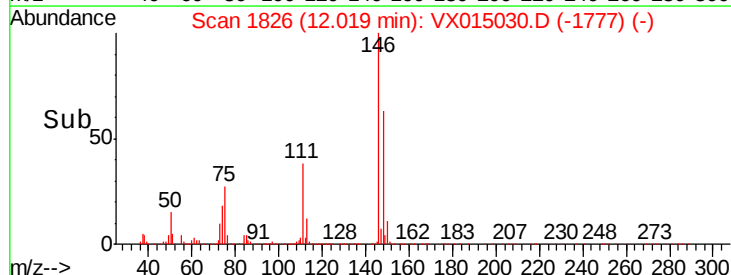
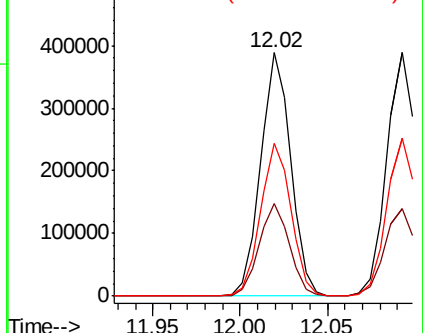
148 63.4 31.8 95.4

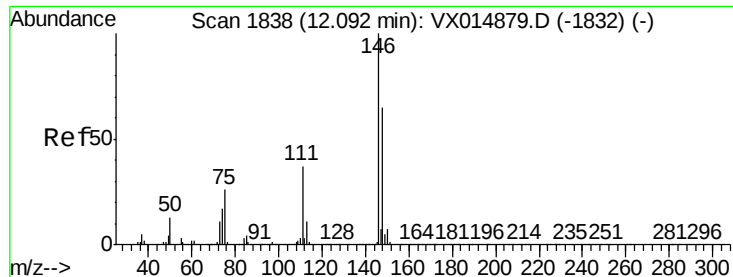


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

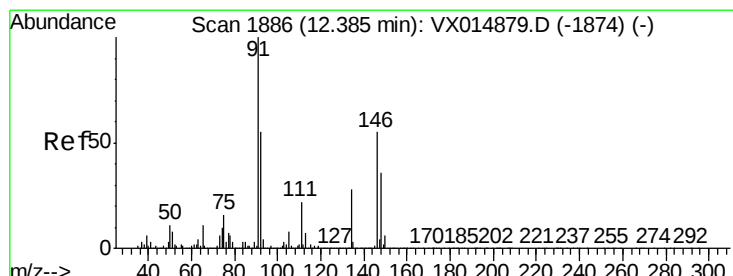
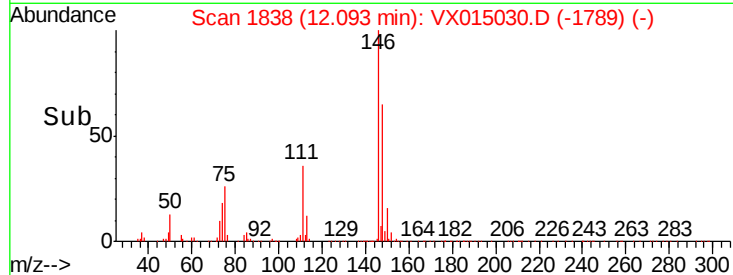
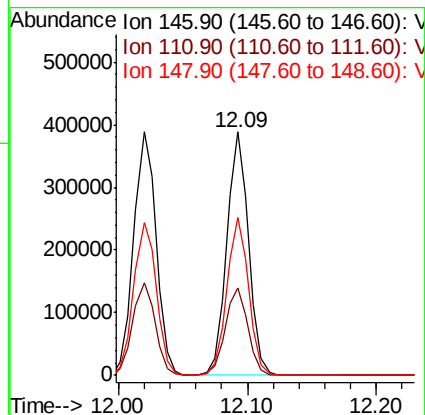
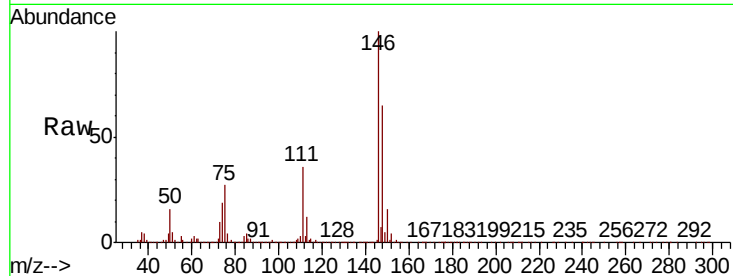




#88
 1,4-Dichlorobenzene
 Concen: 46.690 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

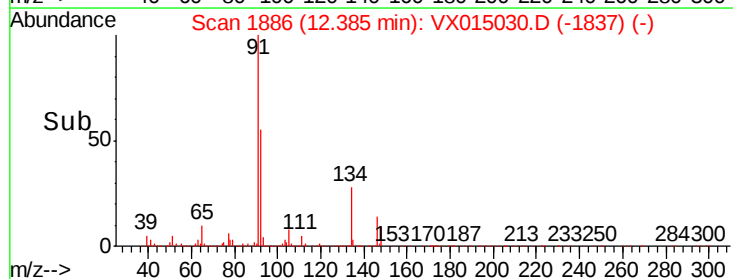
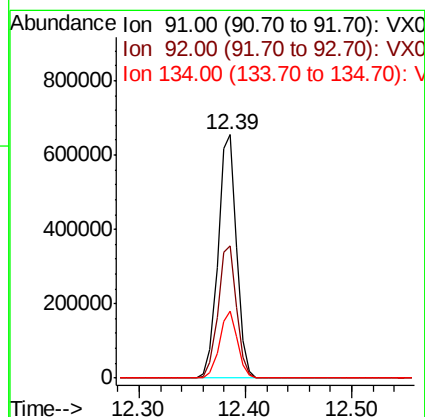
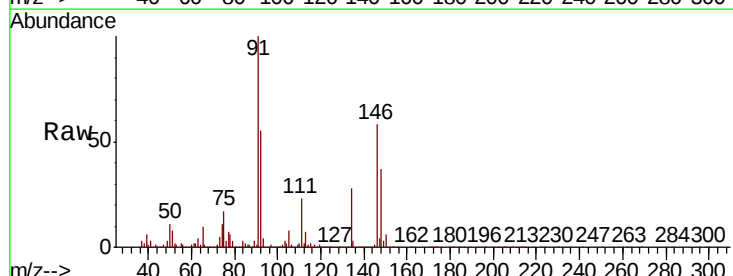
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MSD

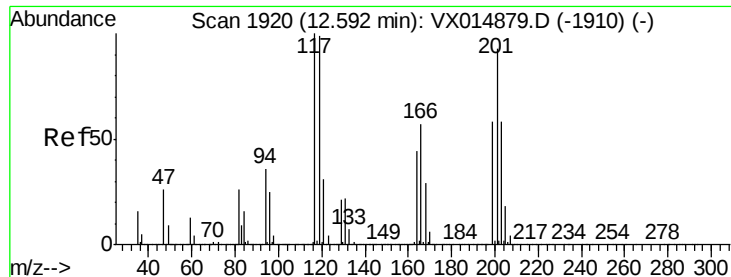
Tot Ion:146 Resp: 462942
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.7 32.4 97.0



#89
 n-Butylbenzene
 Concen: 48.909 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015030.D
 Acq: 26 Feb 2020 18:45

Tgt Ion: 91 Resp: 781284
 Ion Ratio Lower Upper
 91 100
 92 54.3 27.3 81.8
 134 26.8 13.8 41.4





#90

Hexachloroethane

Concen: 50.366 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

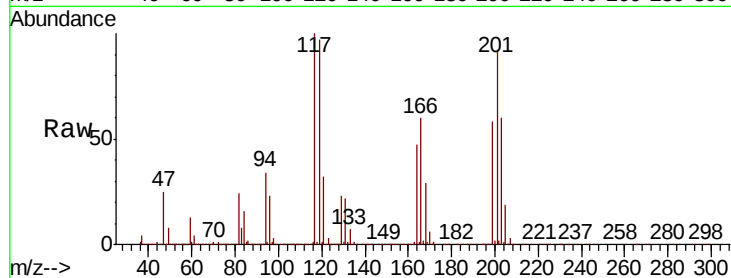
GR-OF-20200225MSD

Tot Ion:117 Resp: 156881

Ion Ratio Lower Upper

117 100

201 89.4 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

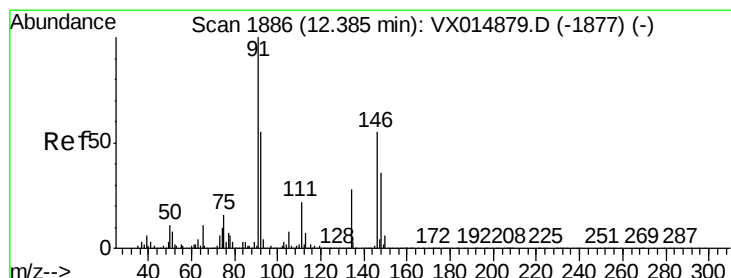
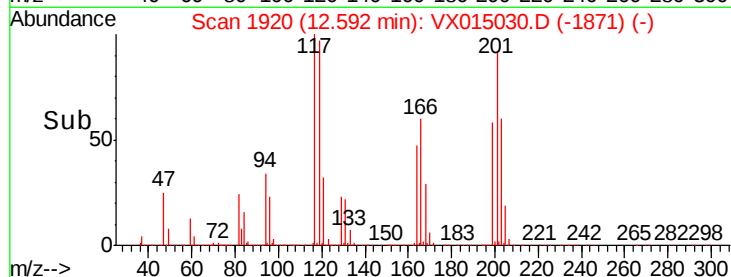
12.59

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 48.809 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

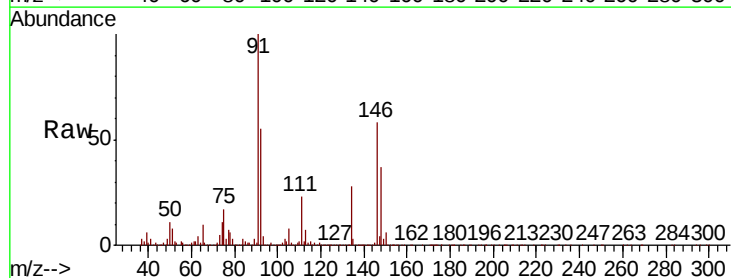
Tgt Ion:146 Resp: 464745

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.3

148 64.6 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

500000

400000

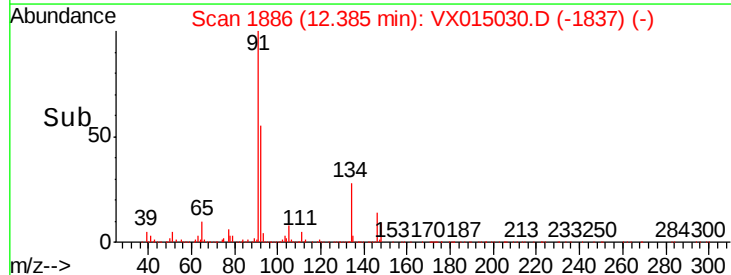
300000

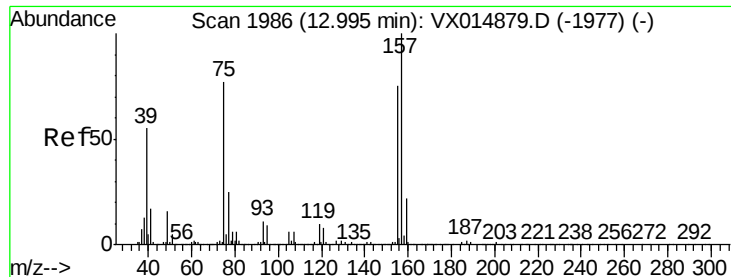
200000

100000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.096 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

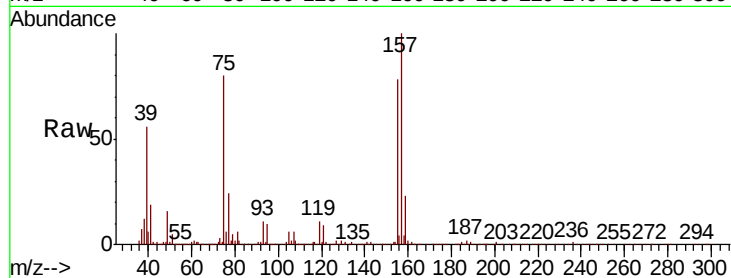
Tot Ion: 75 Resp: 73011

Ion Ratio Lower Upper

75 100

155 95.5 48.6 145.9

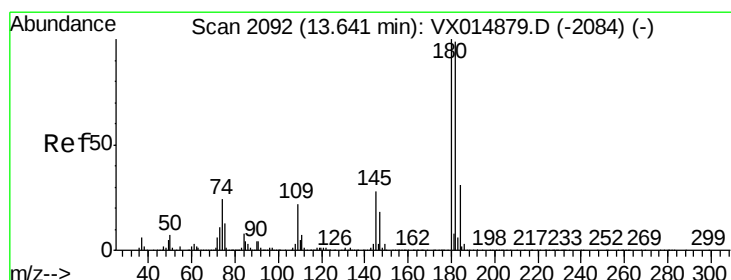
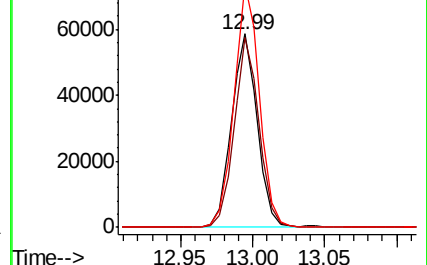
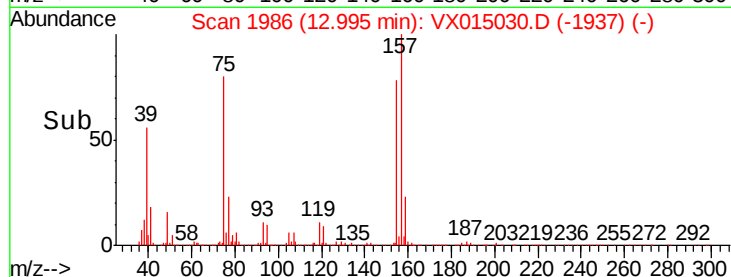
157 124.2 62.0 186.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 46.340 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

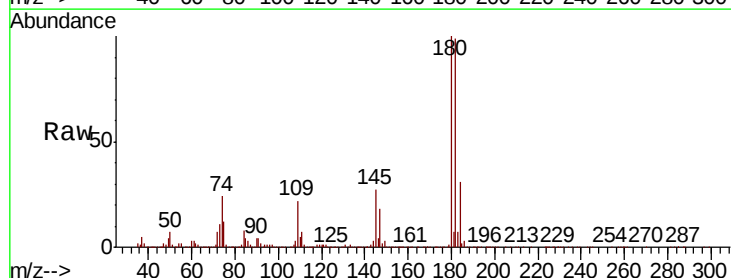
Tgt Ion:180 Resp: 325682

Ion Ratio Lower Upper

180 100

182 97.4 48.4 145.3

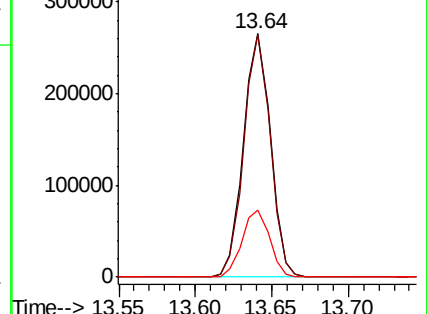
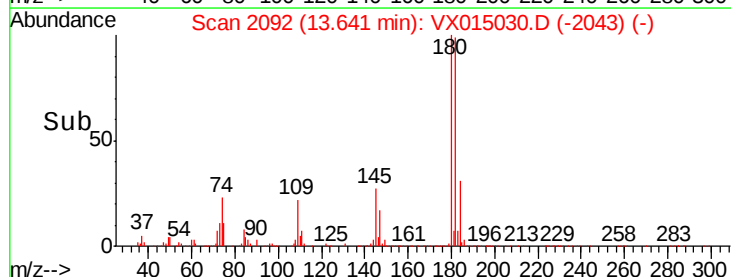
145 28.1 14.1 42.4

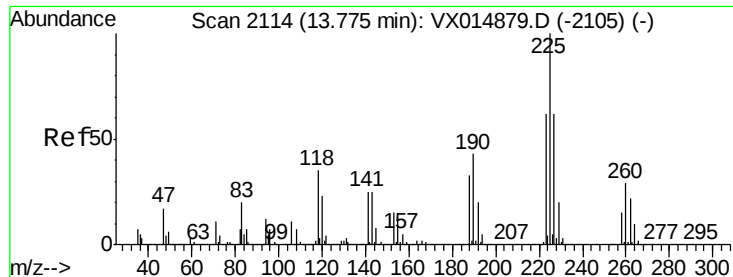


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.239 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

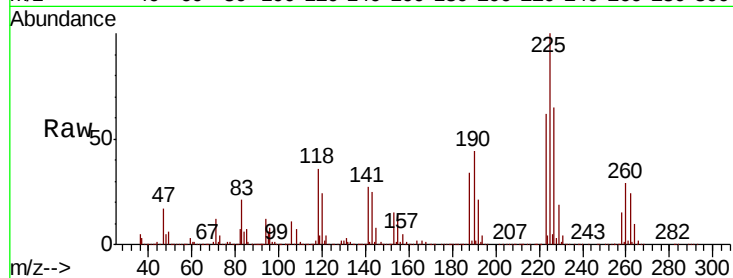
Tot Ion:225 Resp: 160581

Ion Ratio Lower Upper

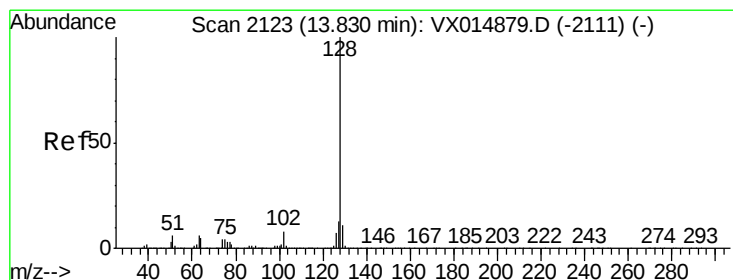
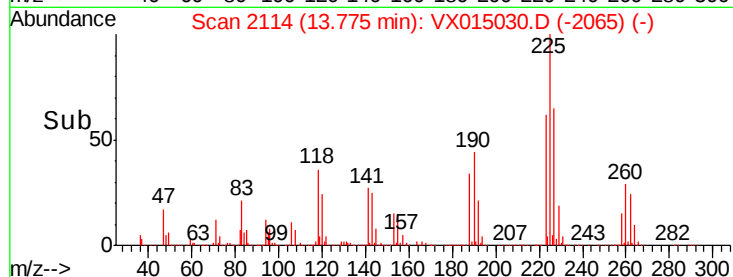
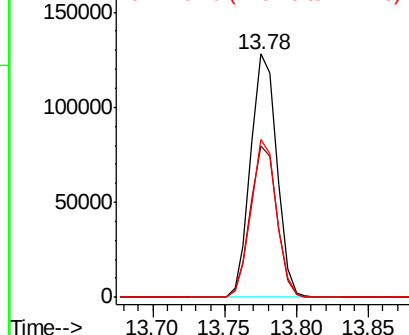
225 100

223 62.7 31.1 93.2

227 63.1 30.9 92.5



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



#95

Naphthalene

Concen: 53.617 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

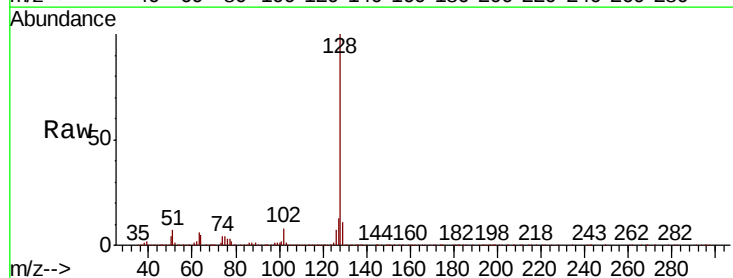
Tgt Ion:128 Resp: 1001903

Ion Ratio Lower Upper

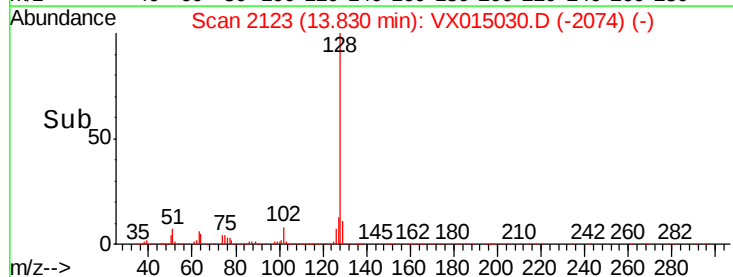
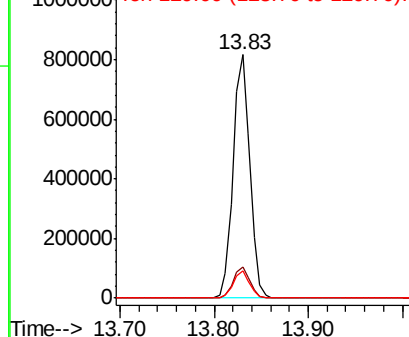
128 100

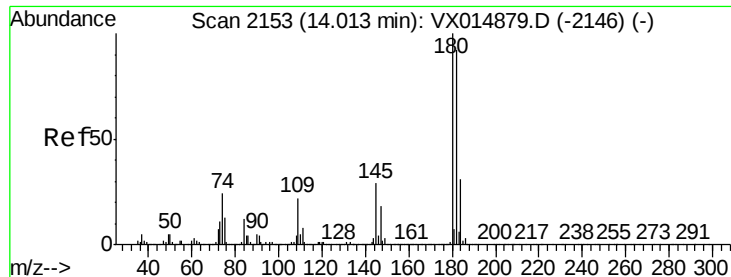
127 12.8 10.4 15.6

129 10.9 8.6 13.0



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: 49.023 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015030.D

Acq: 26 Feb 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200225MSD

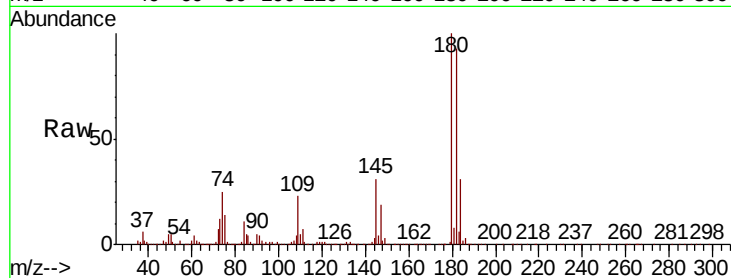
Tot Ion:180 Resp: 332871

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.6

145 30.1 14.5 43.5



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

