

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019644.D
 Acq On : 25 Nov 2020 07:01
 Operator : JC/MD
 Sample : L4835-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

Quant Time: Nov 25 07:48:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	262600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193474	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	170261	50.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.02%	
35) Dibromofluoromethane		5.46	113	139334	49.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.12%	
50) Toluene-d8		8.70	98	527209	48.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.50%	
62) 4-Bromofluorobenzene		11.12	95	192335	48.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	126483	49.530	ug/l	97
3) Chloromethane	1.31	50	142270	48.550	ug/l	100
4) Vinyl Chloride	1.39	62	155652	49.343	ug/l	99
5) Bromomethane	1.62	94	59274	49.609	ug/l	98
6) Chloroethane	1.69	64	87541	119.827	ug/l	96
7) Trichlorofluoromethane	1.90	101	220075	48.337	ug/l	99
8) Diethyl Ether	2.17	74	90899	49.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123142	48.480	ug/l	99
10) Methyl Iodide	2.48	142	172935	51.825	ug/l	100
11) Tert butyl alcohol	3.04	59	163086	253.095	ug/l	100
12) 1,1-Dichloroethene	2.35	96	126139	48.383	ug/l	99
13) Acrolein	2.28	56	87587	202.214	ug/l	99
14) Allyl chloride	2.70	41	199695	48.895	ug/l	99
15) Acrylonitrile	3.12	53	400356	263.454	ug/l	100
16) Acetone	2.42	43	319204	242.426	ug/l	99
17) Carbon Disulfide	2.54	76	324828	46.378	ug/l	99
18) Methyl Acetate	2.75	43	146598	45.467	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	483895	53.771	ug/l	99
20) Methylene Chloride	2.83	84	158922	48.290	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	147495	49.934	ug/l	99
22) Diisopropyl ether	3.82	45	443588	52.502	ug/l	97
23) Vinyl Acetate	3.78	43	1653194	233.277	ug/l	100
24) 1,1-Dichloroethane	3.67	63	266565	51.582	ug/l	99
25) 2-Butanone	4.64	43	505523	255.579	ug/l	99
26) 2,2-Dichloropropane	4.55	77	168490	37.353	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	176399	51.989	ug/l	99
28) Bromochloromethane	4.98	49	116872	47.303	ug/l	99
29) Tetrahydrofuran	5.09	42	323088	256.008	ug/l	100
30) Chloroform	5.18	83	280725	51.950	ug/l	97
31) Cyclohexane	5.54	56	222773	50.305	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	241091	51.939	ug/l	99
36) 1,1-Dichloropropene	5.76	75	204604	48.723	ug/l	99
37) Ethyl Acetate	4.79	43	177120	44.928	ug/l	100
38) Carbon Tetrachloride	5.75	117	203663	50.106	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	228006	46.632	ug/l	98
40) Benzene	6.11	78	634416	49.170	ug/l	100
41) Methacrylonitrile	5.00	41	109834	50.523	ug/l	98
42) 1,2-Dichloroethane	6.16	62	220391	49.835	ug/l	99
43) Isopropyl Acetate	6.42	43	306493	46.249	ug/l	100
44) Trichloroethene	7.18	130	165952	49.104	ug/l	97
45) 1,2-Dichloropropane	7.49	63	159766	50.299	ug/l	99
46) Dibromomethane	7.63	93	109222	50.241	ug/l	100
47) Bromodichloromethane	7.87	83	218821	51.872	ug/l	99
48) Methyl methacrylate	7.74	41	163764	52.766	ug/l	100
49) 1,4-Dioxane	7.71	88	73056	1036.723	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	990601	256.340	ug/l	99
52) Toluene	8.76	92	405368	51.358	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	227696	49.978	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	250205	49.487	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	163651	50.910	ug/l	98
56) Ethyl methacrylate	9.16	69	244693	53.795	ug/l	99
57) 1,3-Dichloropropane	9.35	76	274764	51.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.22	63	803	0.301	ug/l #	45
59) 2-Hexanone	9.48	43	742484	253.334	ug/l	99
60) Dibromochloromethane	9.57	129	166777	52.968	ug/l	99
61) 1,2-Dibromoethane	9.65	107	168758	50.930	ug/l	99
64) Tetrachloroethene	9.32	164	134364	42.425	ug/l	97
65) Chlorobenzene	10.12	112	420653	50.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	158935	52.747	ug/l	97
67) Ethyl Benzene	10.23	91	755833	52.083	ug/l	98
68) m/p-Xylenes	10.34	106	552082	102.111	ug/l	99
69) o-Xylene	10.68	106	270126	52.265	ug/l	99
70) Styrene	10.70	104	450375	47.172	ug/l	99
71) Bromoform	10.84	173	116785	46.059	ug/l #	97
73) Isopropylbenzene	11.00	105	714973	53.419	ug/l	99
74) N-amyl acetate	10.88	43	241406	48.134	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	244647	51.114	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	265562	62.896	ug/l	86
77) Bromobenzene	11.24	156	177781	52.032	ug/l	100
78) n-propylbenzene	11.34	91	801257	52.185	ug/l	100
79) 2-Chlorotoluene	11.40	91	485058	52.091	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	596788	53.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	68492	44.337	ug/l	98
82) 4-Chlorotoluene	11.49	91	566470	51.677	ug/l	100
83) tert-Butylbenzene	11.76	119	585280	53.882	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	606652	53.401	ug/l	99
85) sec-Butylbenzene	11.93	105	664337	51.410	ug/l	100
86) p-Isopropyltoluene	12.05	119	599673	51.112	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	320118	51.016	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	317667	49.148	ug/l	99
89) n-Butylbenzene	12.37	91	510097	48.092	ug/l	99
90) Hexachloroethane	12.58	117	103758	52.850	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	311320	49.398	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50572	51.792	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
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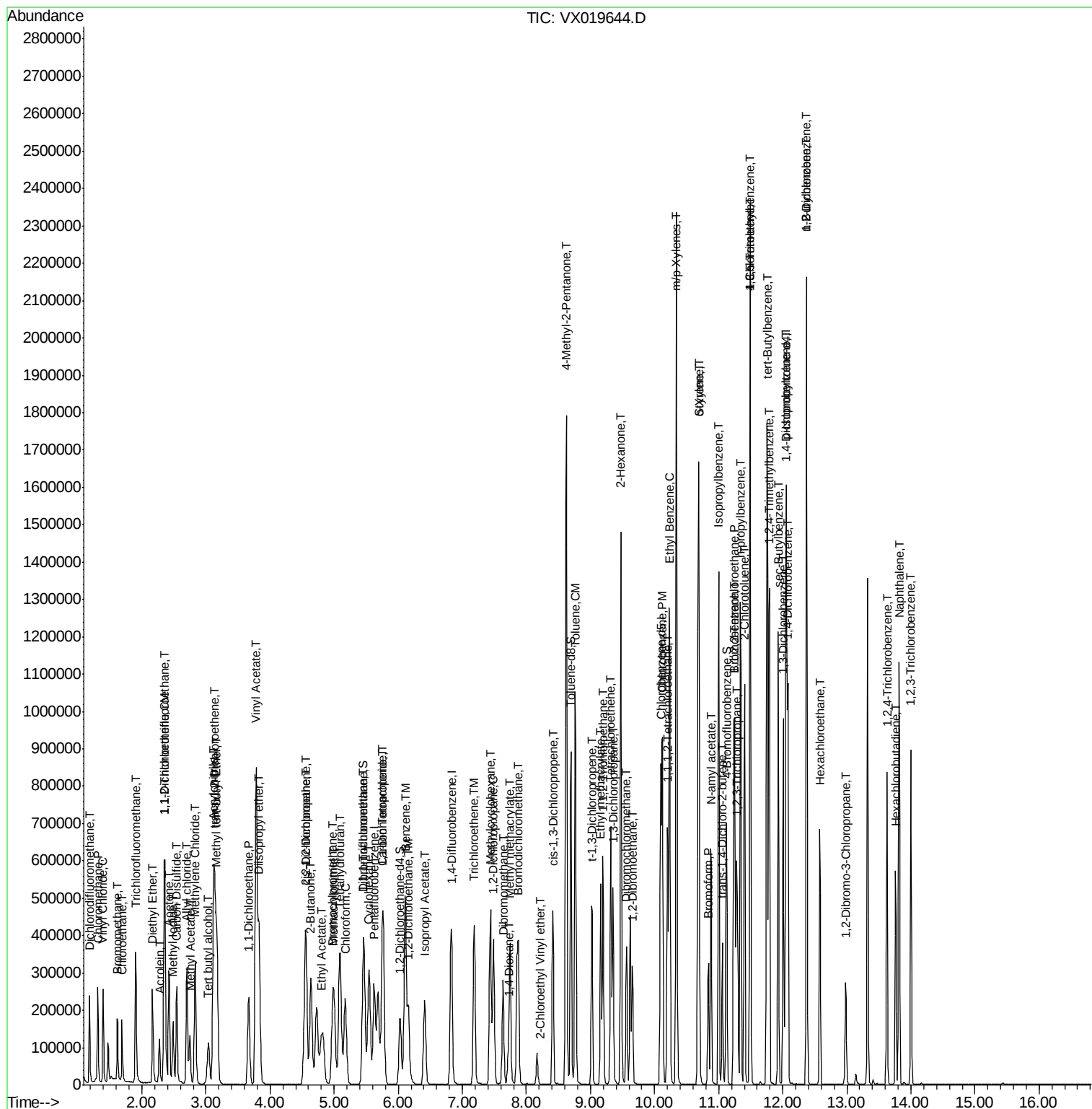
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	202575	50.066	ug/l	98
94) Hexachlorobutadiene	13.76	225	79340	43.045	ug/l	97
95) Naphthalene	13.82	128	691427	48.518	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	204662	50.569	ug/l	99

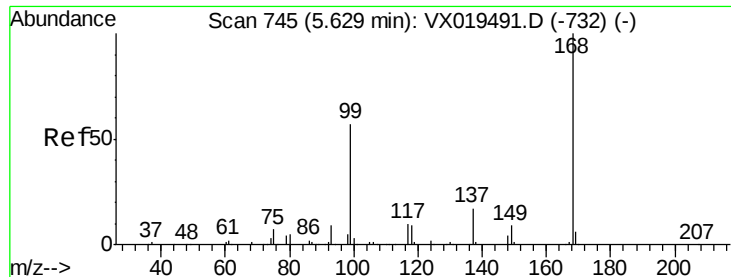
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

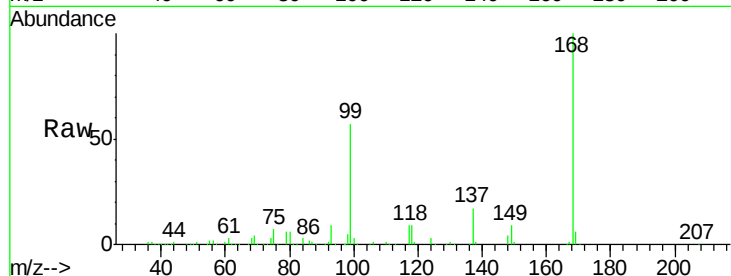
GR-OF-20201119MSD

Tot Ion:168 Resp: 262600

Ion Ratio Lower Upper

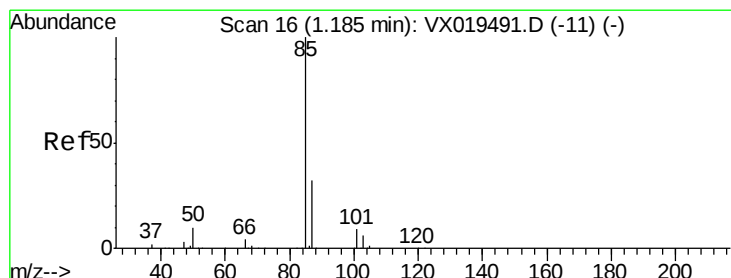
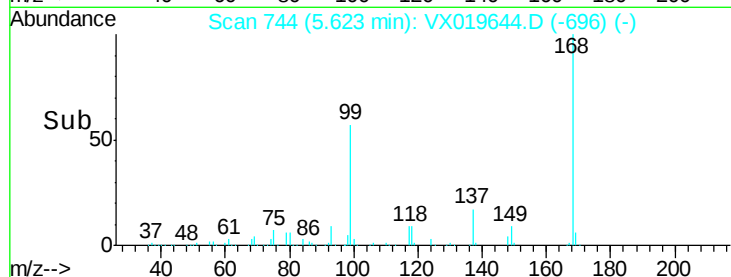
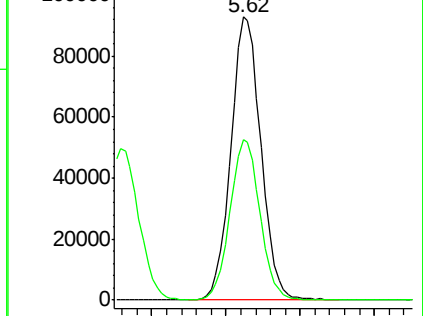
168 100

99 56.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.530 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019644.D

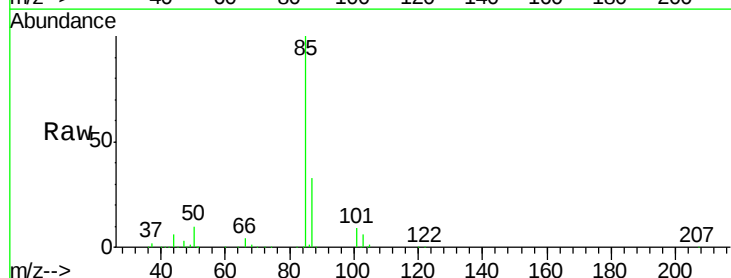
Acq: 25 Nov 2020 07:01

Tgt Ion: 85 Resp: 126483

Ion Ratio Lower Upper

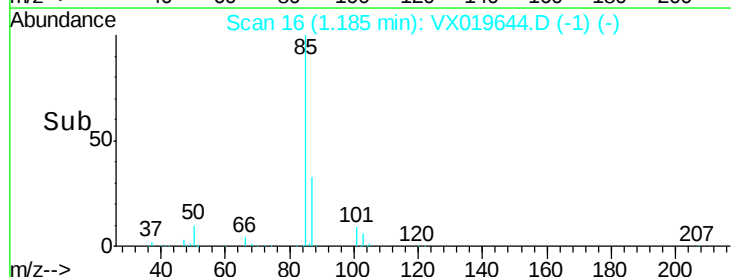
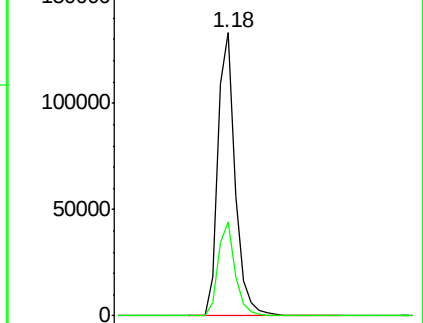
85 100

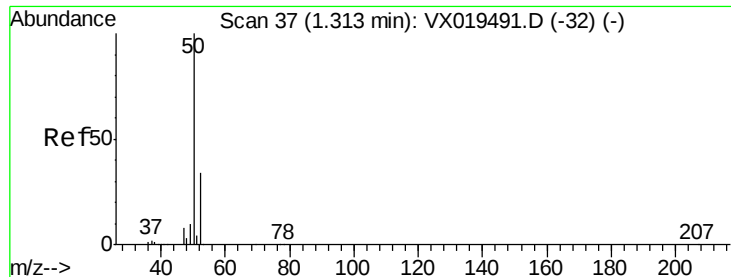
87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.550 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

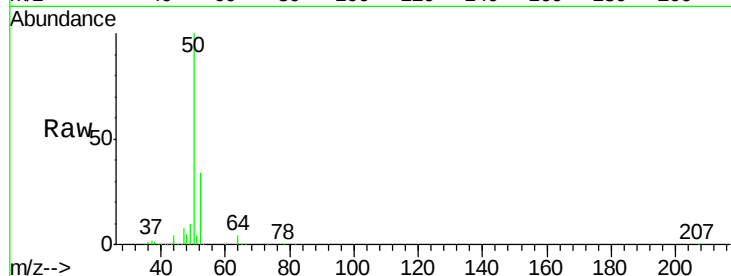
GR-OF-20201119MSD

Tot Ion: 50 Resp: 142270

Ion Ratio Lower Upper

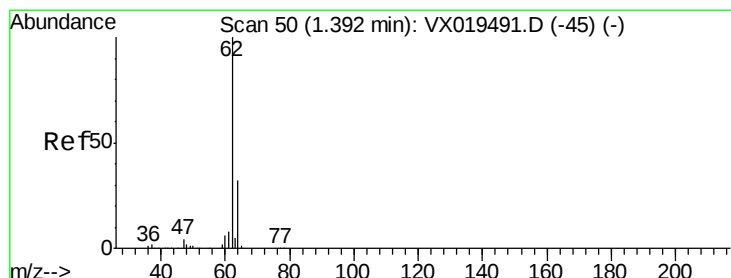
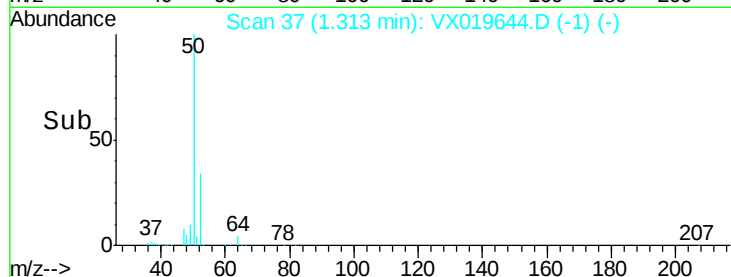
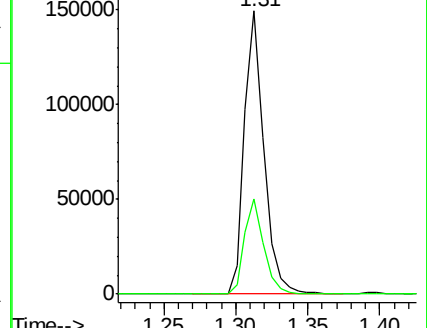
50 100

52 33.7 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.343 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019644.D

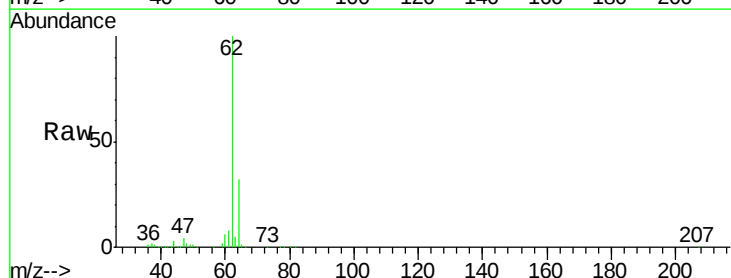
Acq: 25 Nov 2020 07:01

Tgt Ion: 62 Resp: 155652

Ion Ratio Lower Upper

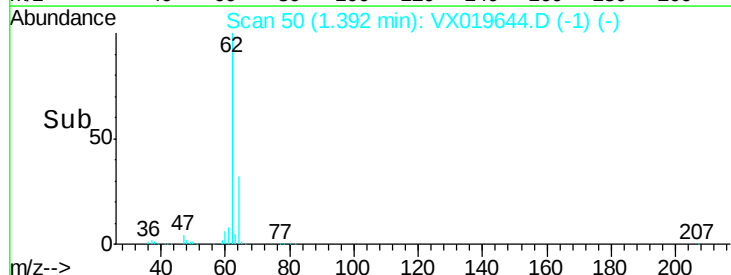
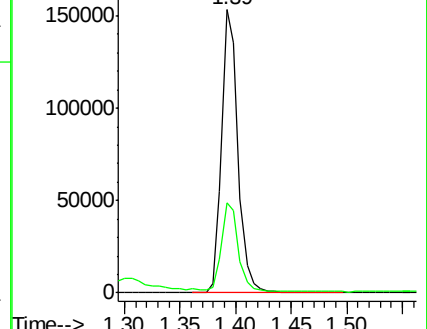
62 100

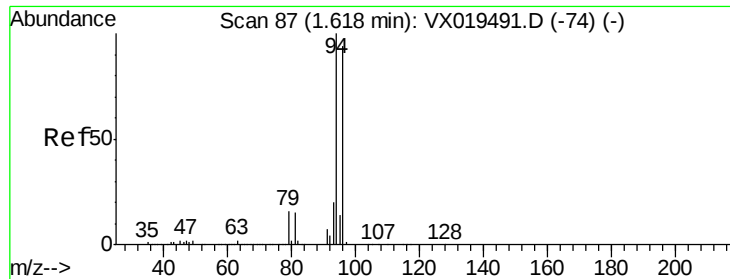
64 31.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.609 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

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ClientSampleId :

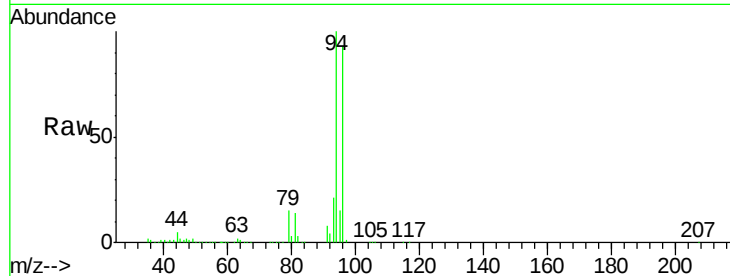
GR-OF-20201119MSD

Tot Ion: 94 Resp: 59274

Ion Ratio Lower Upper

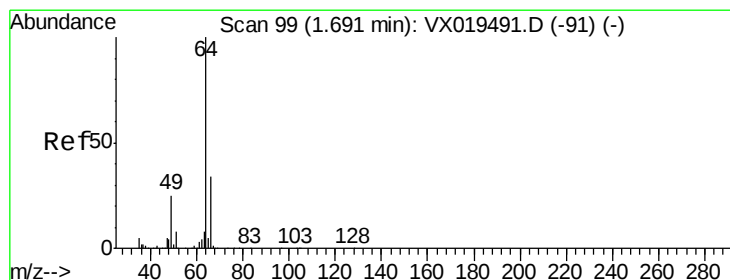
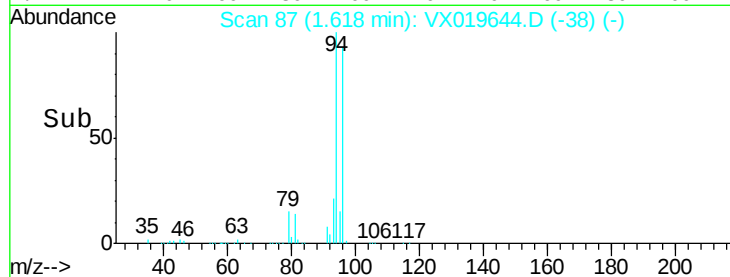
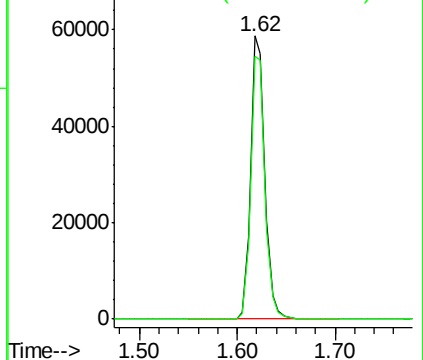
94 100

96 92.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 119.827 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019644.D

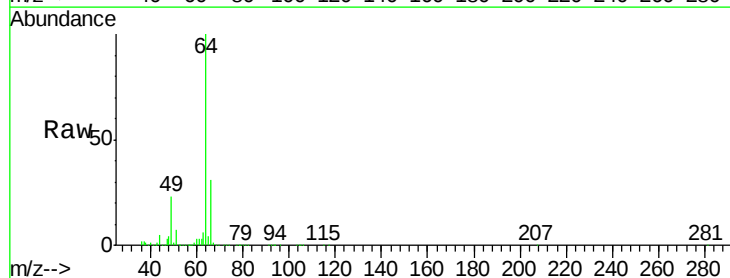
Acq: 25 Nov 2020 07:01

Tgt Ion: 64 Resp: 87541

Ion Ratio Lower Upper

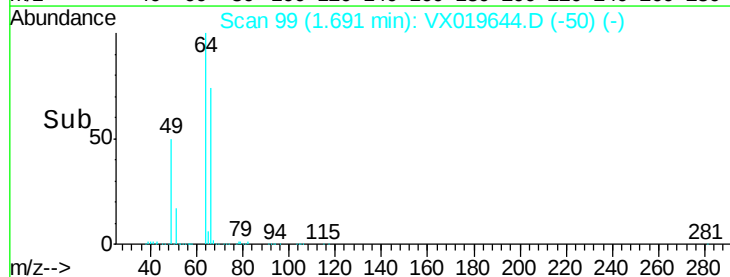
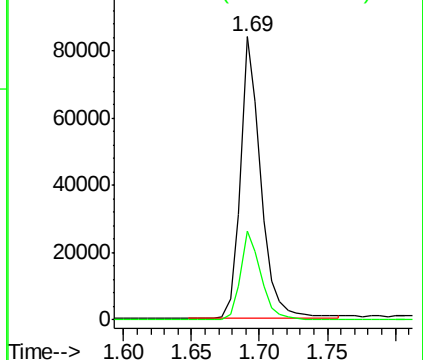
64 100

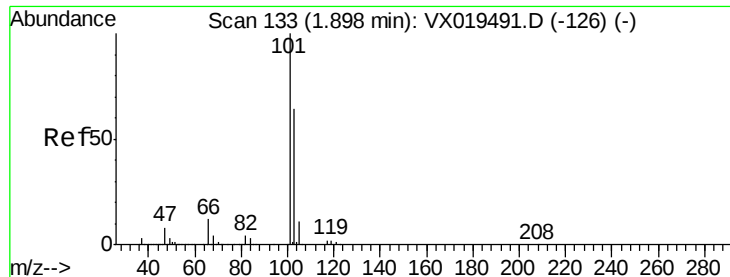
66 31.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



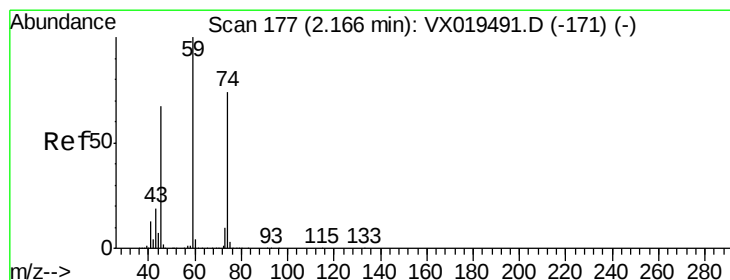
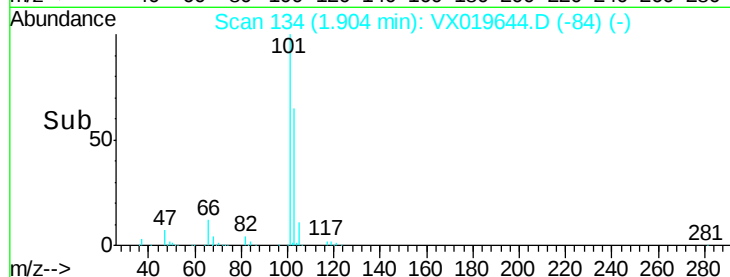
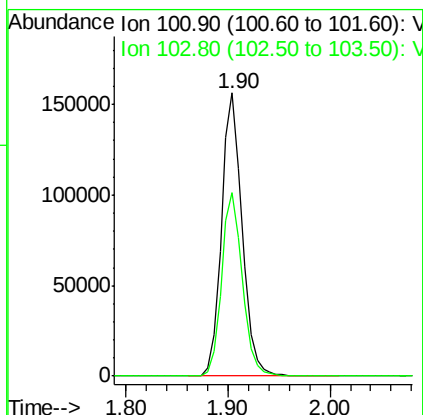
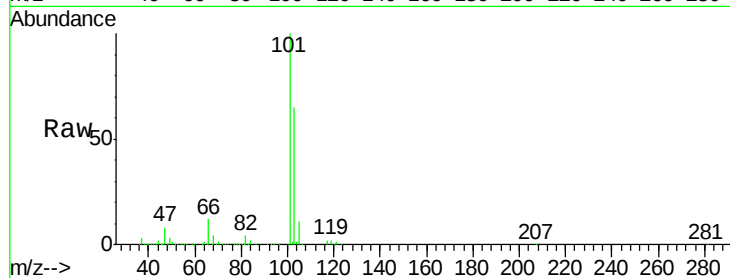


#7

Trichlorofluoromethane
 Concen: 48.337 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Instrument :
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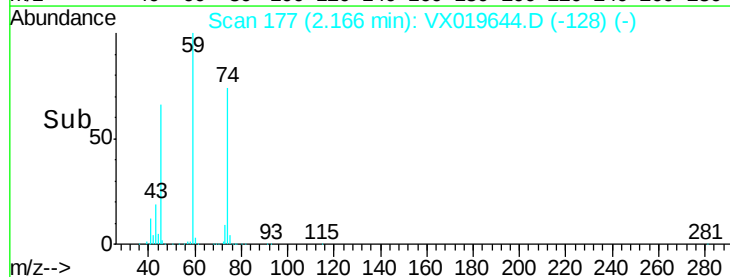
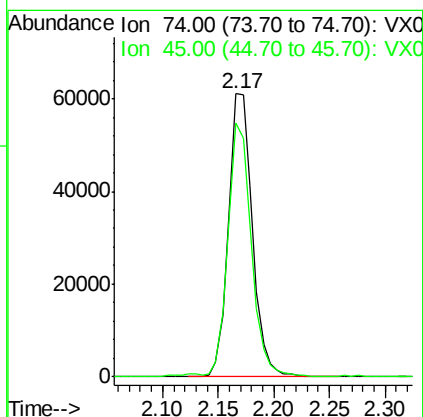
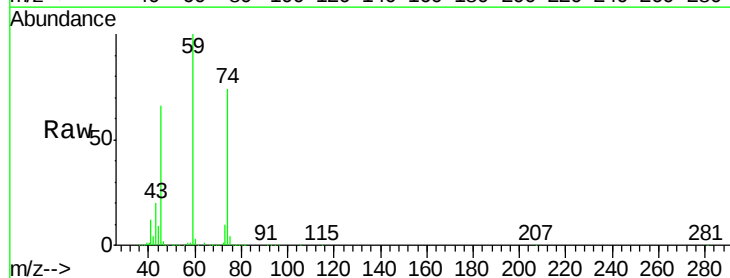
Tot Ion:101 Resp: 220075
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.9 76.3

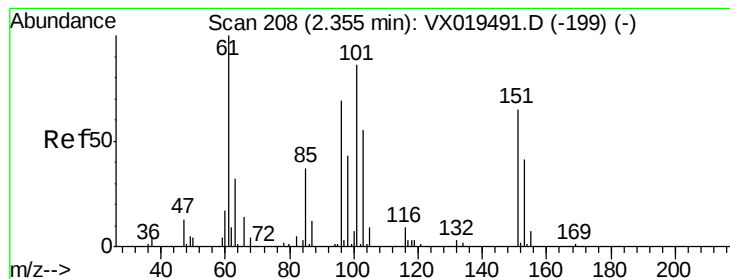


#8

Diethyl Ether
 Concen: 49.851 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion: 74 Resp: 90899
 Ion Ratio Lower Upper
 74 100
 45 88.0 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.480 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

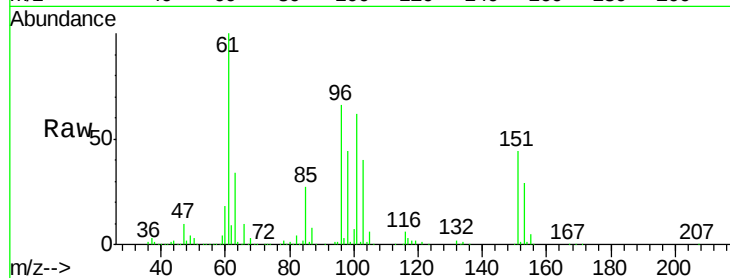
Tot Ion:101 Resp: 123142

Ion Ratio Lower Upper

101 100

85 43.1 33.9 50.9

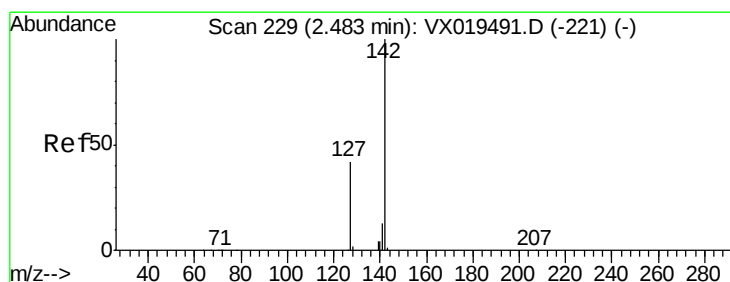
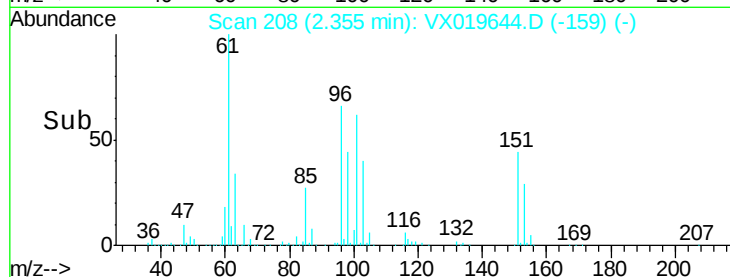
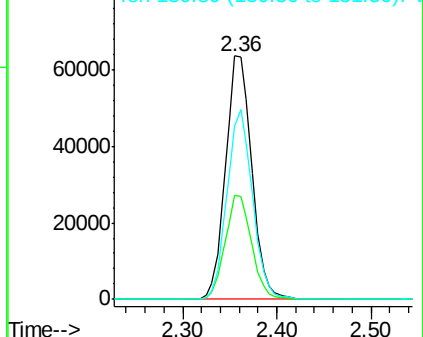
151 75.9 60.9 91.3



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: 51.825 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

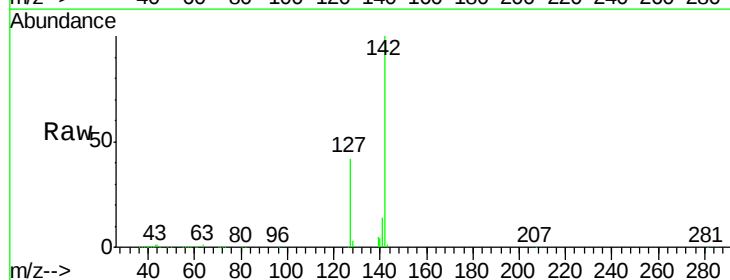
Tgt Ion:142 Resp: 172935

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

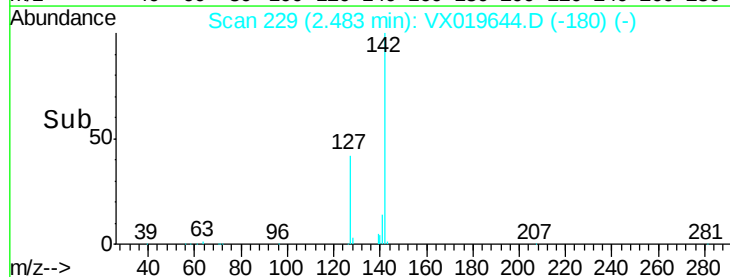
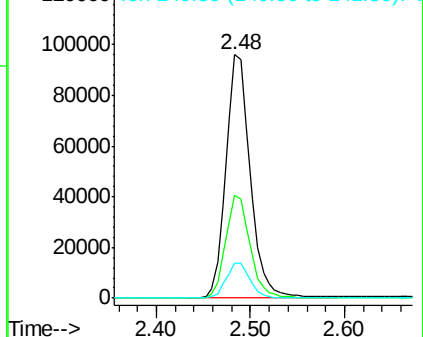
141 14.3 11.0 16.6

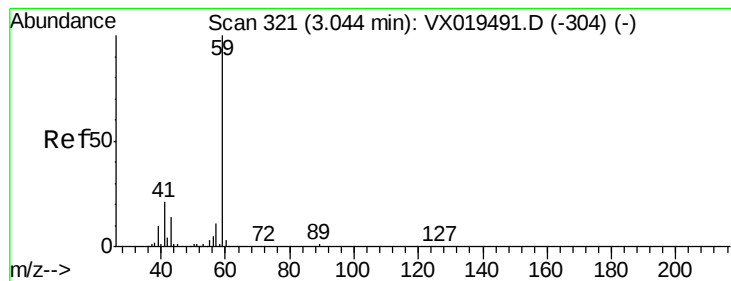


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



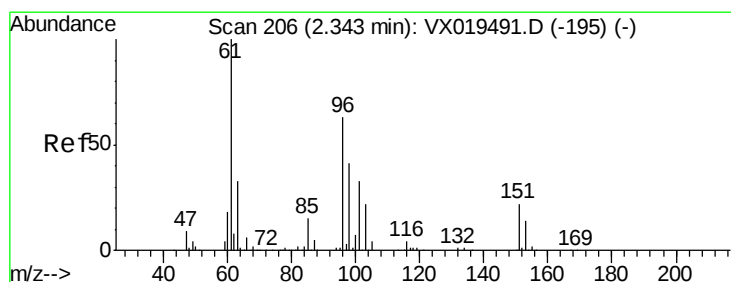
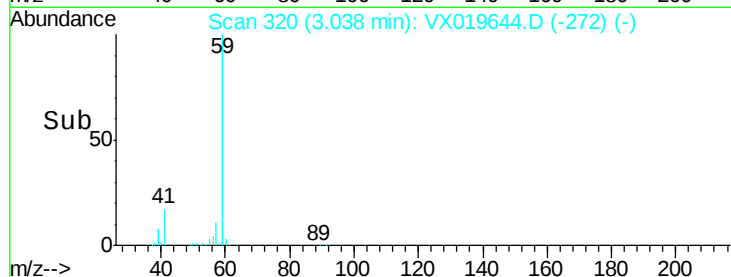
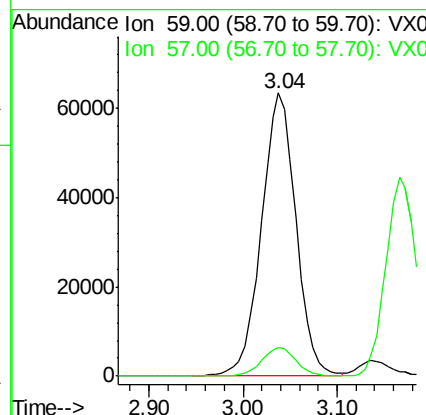
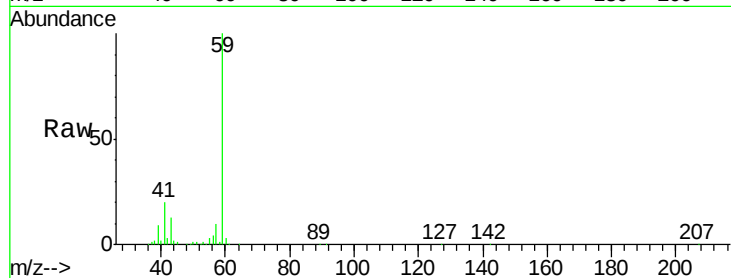


#11

Tert butyl alcohol
 Concen: 253.095 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

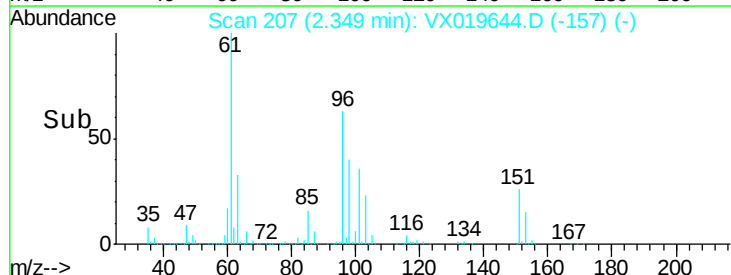
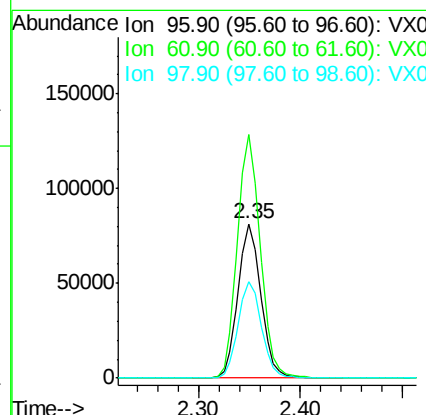
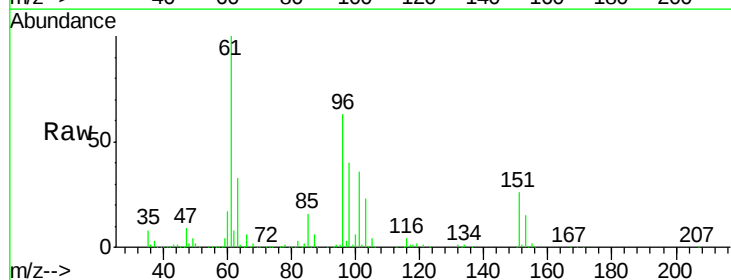
Tot Ion: 59 Resp: 163086
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.9 11.9

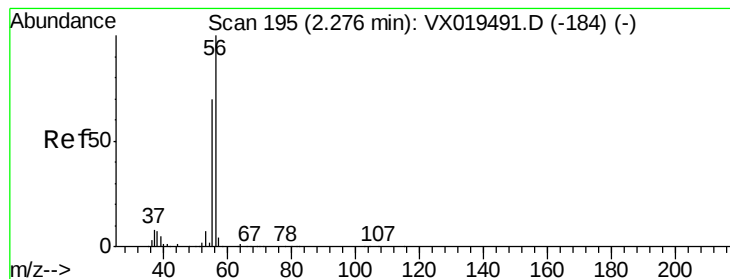


#12

1,1-Dichloroethene
 Concen: 48.383 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion: 96 Resp: 126139
 Ion Ratio Lower Upper
 96 100
 61 157.6 126.0 189.0
 98 62.8 52.0 78.0





#13

Acrolein

Concen: 202.214 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

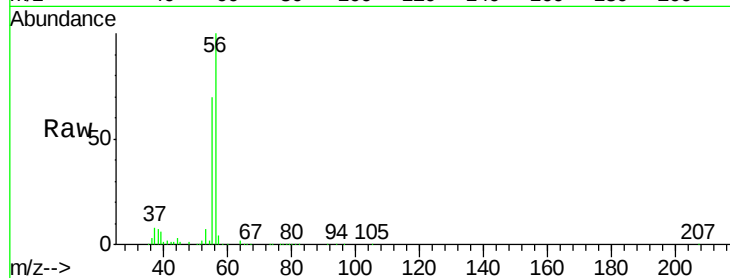
GR-OF-20201119MSD

Tot Ion: 56 Resp: 87587

Ion Ratio Lower Upper

56 100

55 69.9 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

50000

40000

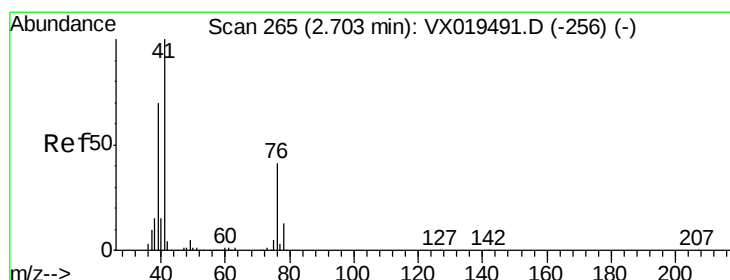
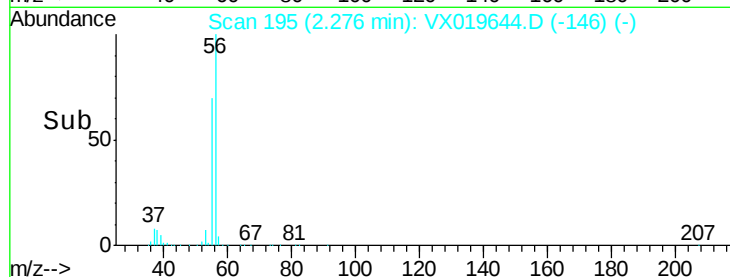
30000

20000

10000

0

Time--> 2.10 2.20 2.30 2.40



#14

Allyl chloride

Concen: 48.895 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

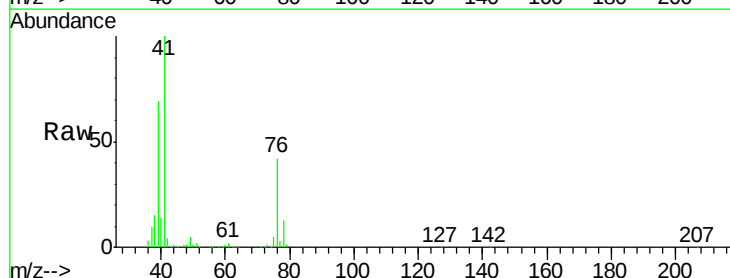
Tgt Ion: 41 Resp: 199695

Ion Ratio Lower Upper

41 100

39 65.8 53.0 79.4

76 38.5 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

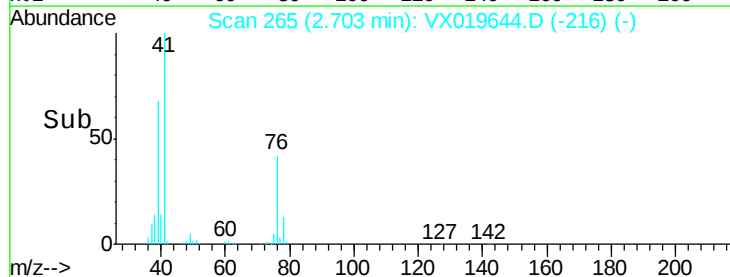
150000

100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 263.454 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

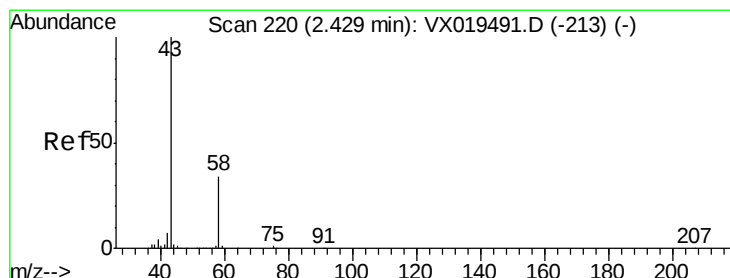
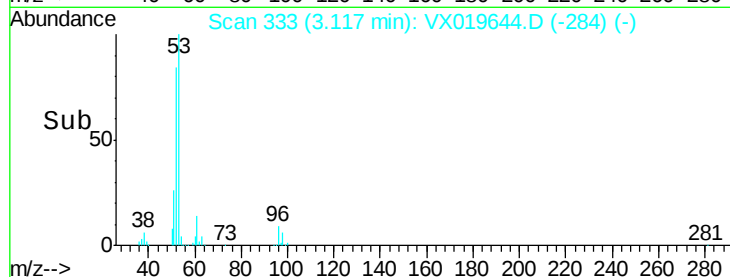
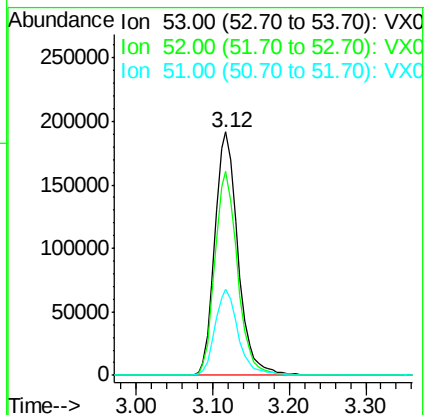
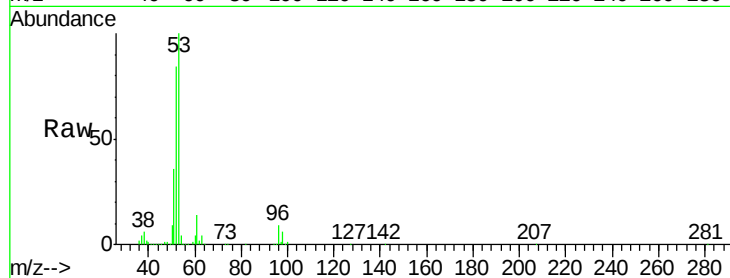
Tot Ion: 53 Resp: 400356

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.2

51 35.6 28.5 42.7



#16

Acetone

Concen: 242.426 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019644.D

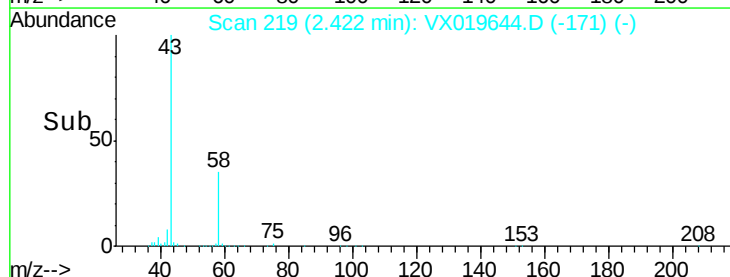
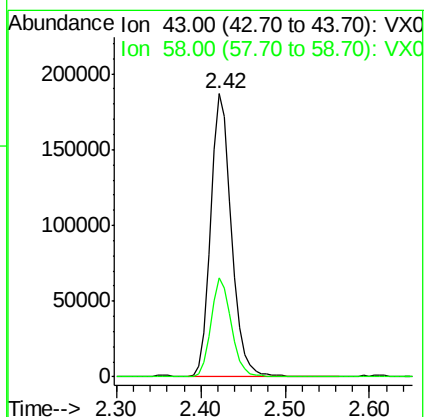
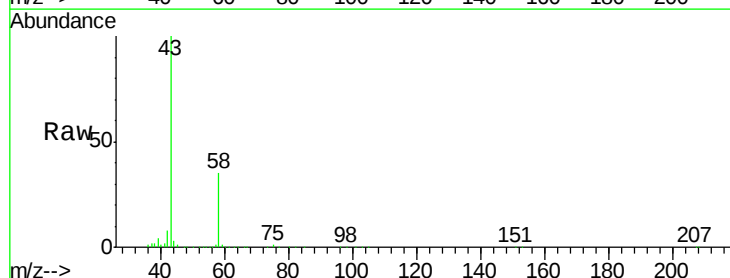
Acq: 25 Nov 2020 07:01

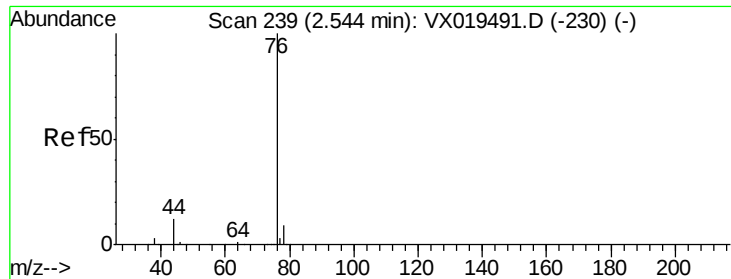
Tgt Ion: 43 Resp: 319204

Ion Ratio Lower Upper

43 100

58 34.8 27.4 41.2

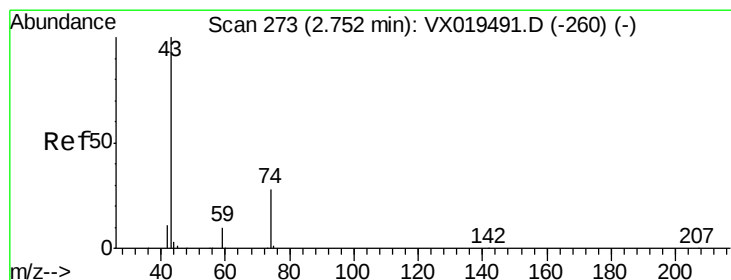
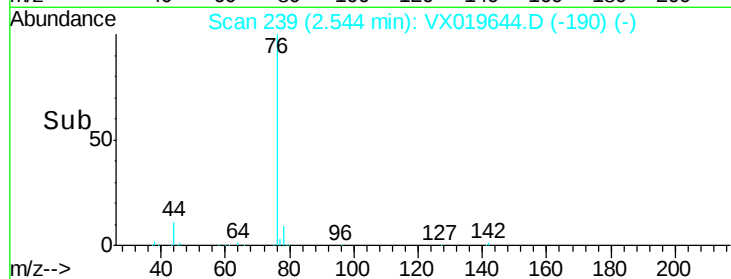
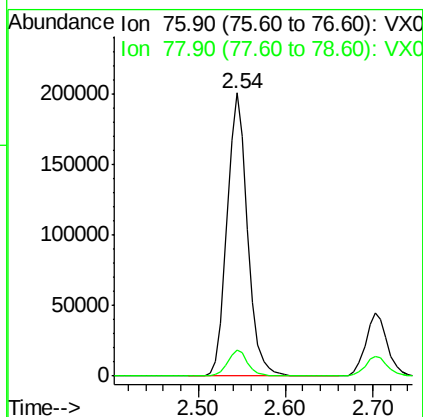
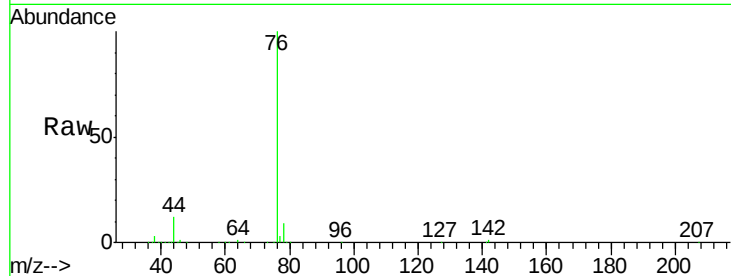




#17
Carbon Disulfide
Concen: 46.378 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

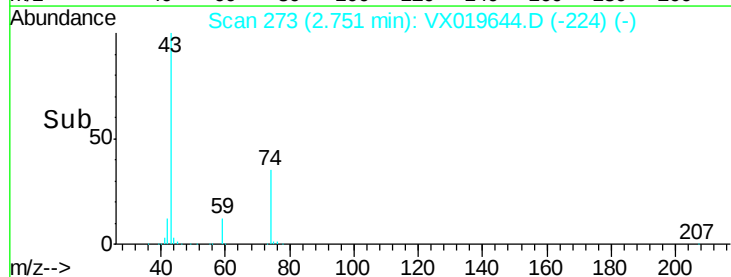
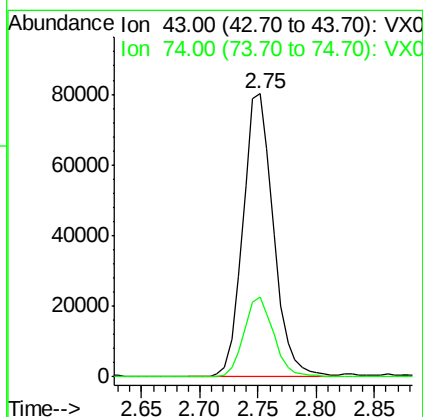
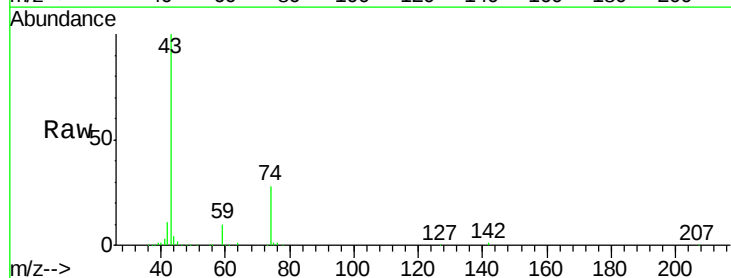
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

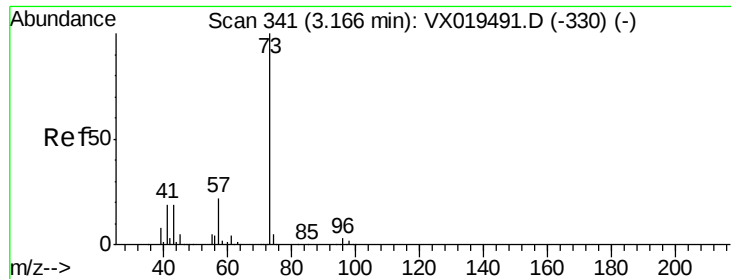
Tot Ion: 76 Resp: 324828
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 45.467 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion: 43 Resp: 146598
Ion Ratio Lower Upper
43 100
74 28.0 22.2 33.4

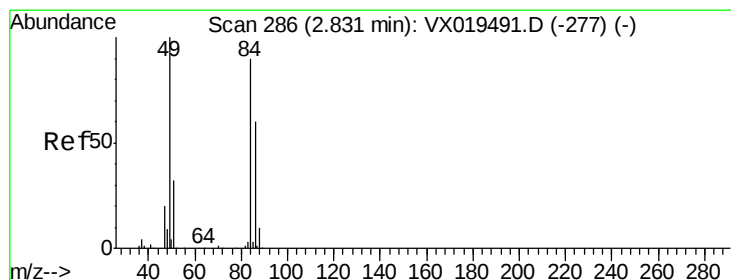
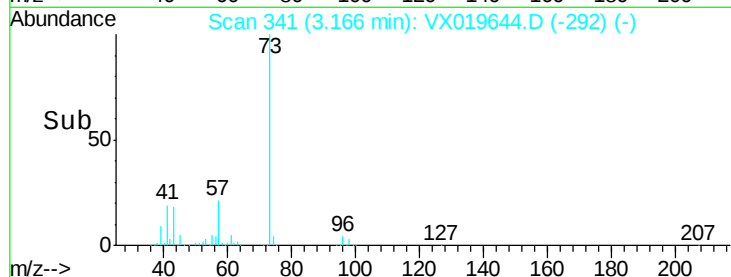
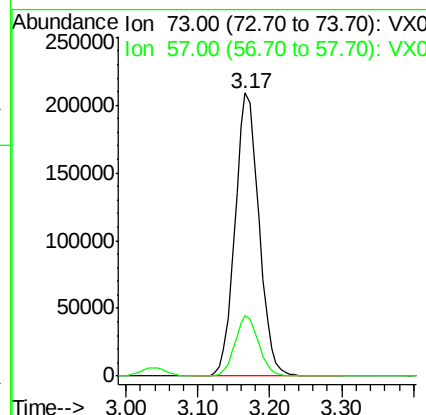
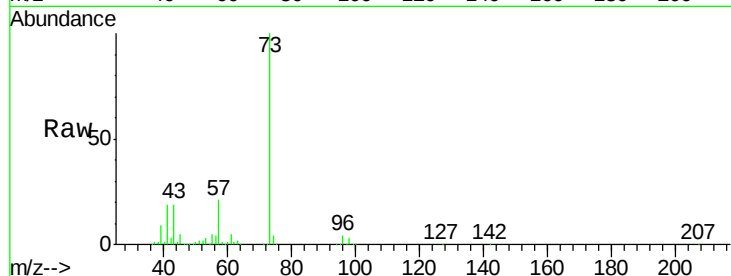




#19
Methyl tert-butyl Ether
Concen: 53.771 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

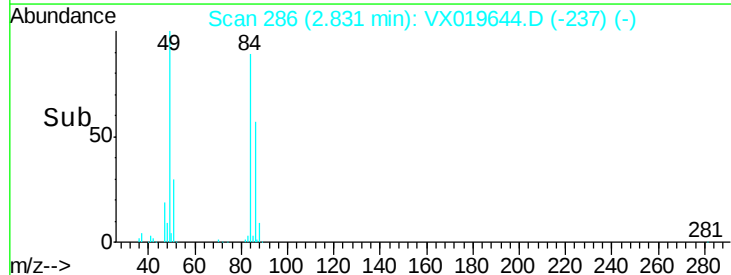
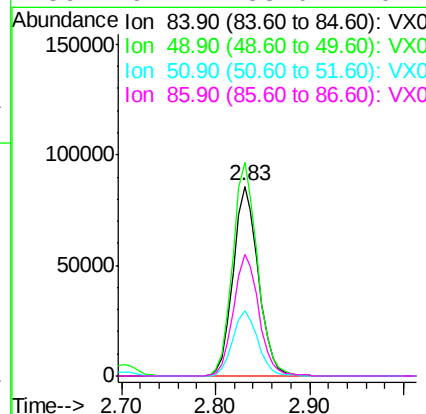
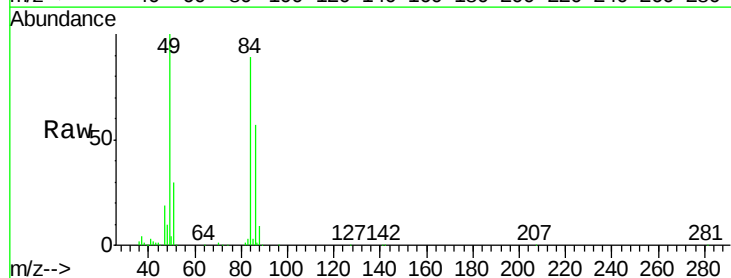
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

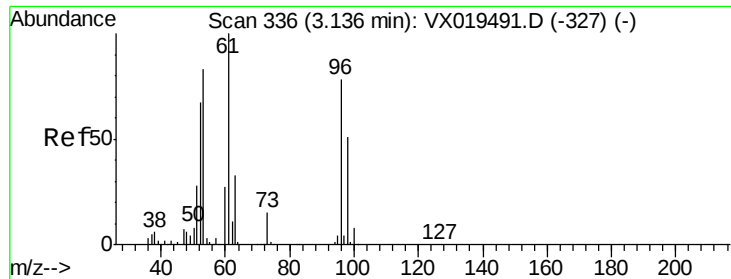
Tot Ion: 73 Resp: 483895
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 48.290 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion: 84 Resp: 158922
Ion Ratio Lower Upper
84 100
49 112.5 88.5 132.7
51 34.1 28.0 42.0
86 64.2 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.934 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

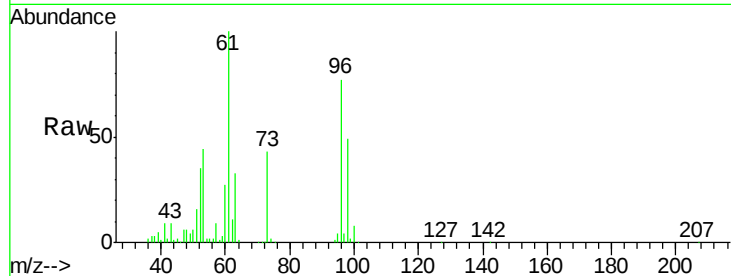
Tot Ion: 96 Resp: 147495

Ion Ratio Lower Upper

96 100

61 129.7 102.9 154.3

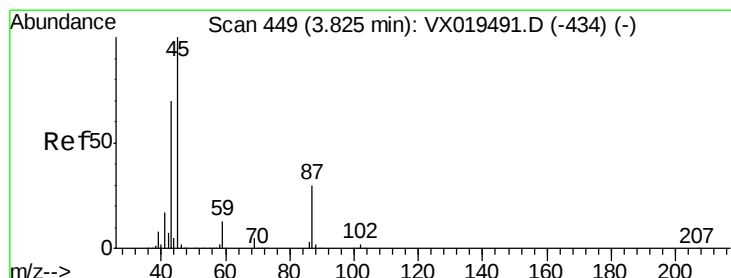
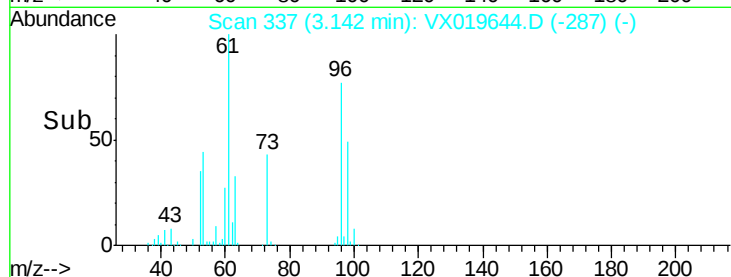
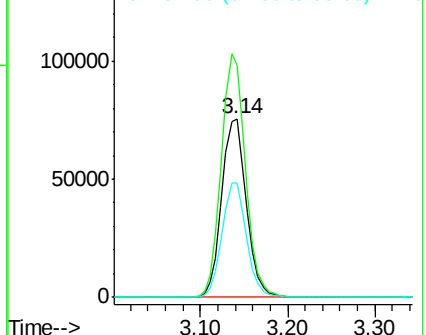
98 64.0 52.1 78.1



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: 52.502 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Tgt Ion: 45 Resp: 443588

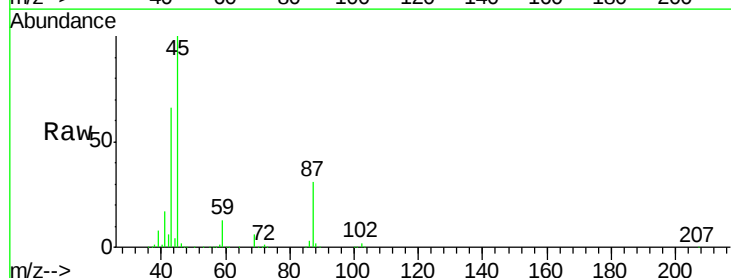
Ion Ratio Lower Upper

45 100

43 66.1 56.1 84.1

87 30.8 24.2 36.2

59 12.5 10.2 15.2

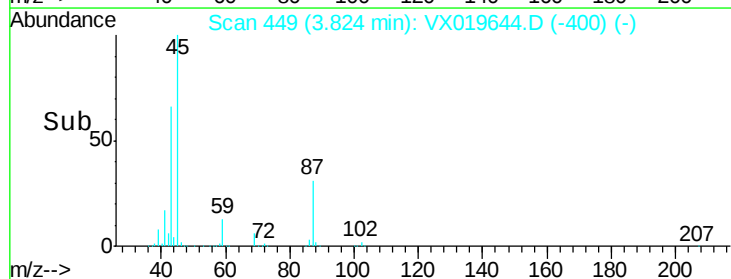
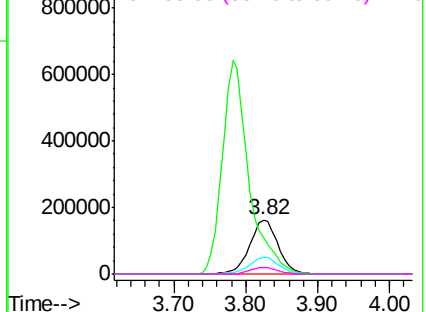


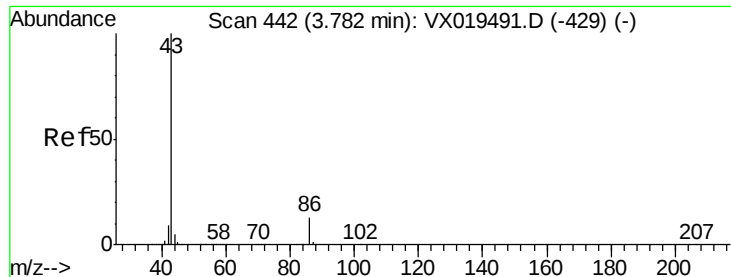
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 233.277 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

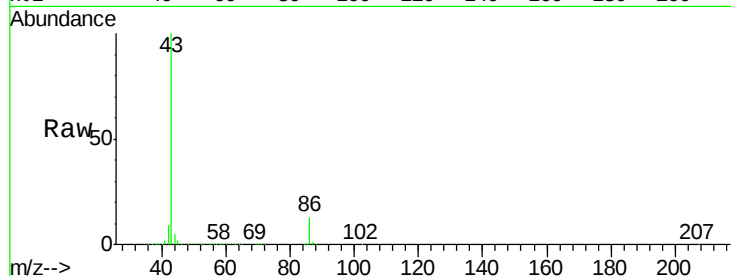
GR-OF-20201119MSD

Tot Ion: 43 Resp: 1653194

Ion Ratio Lower Upper

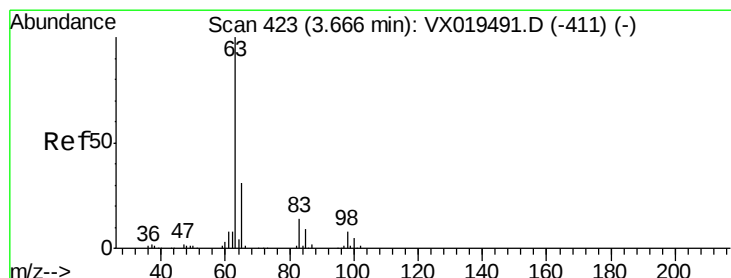
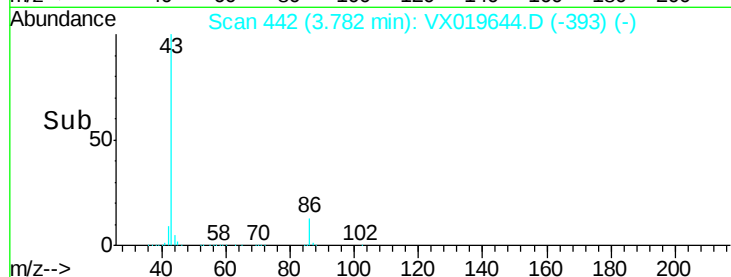
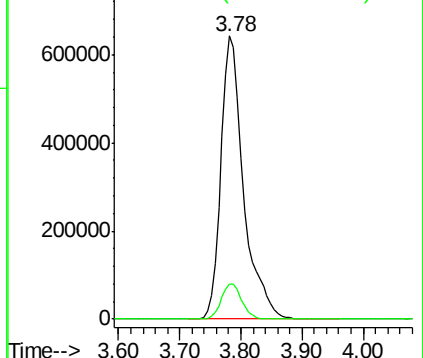
43 100

86 12.6 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.582 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

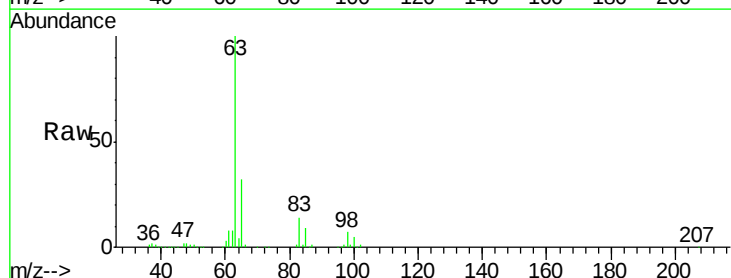
Tgt Ion: 63 Resp: 266565

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

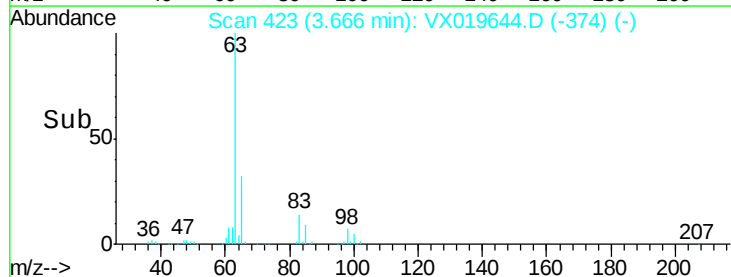
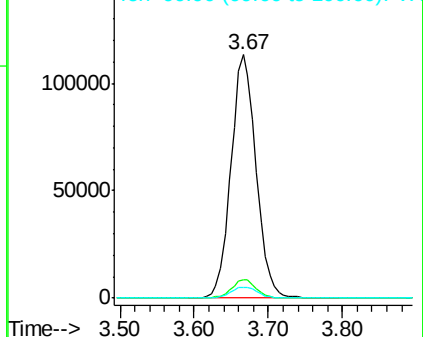
100 4.5 2.4 7.1

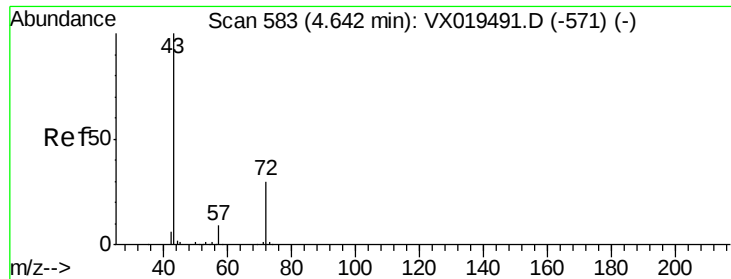


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.579 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

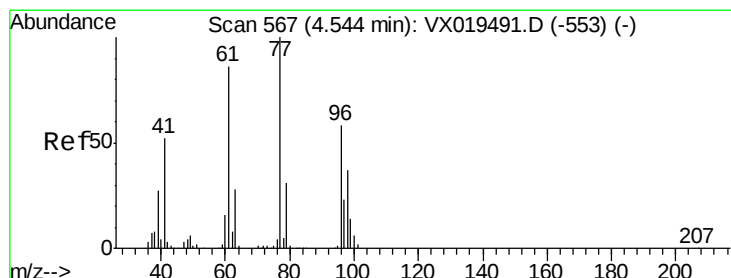
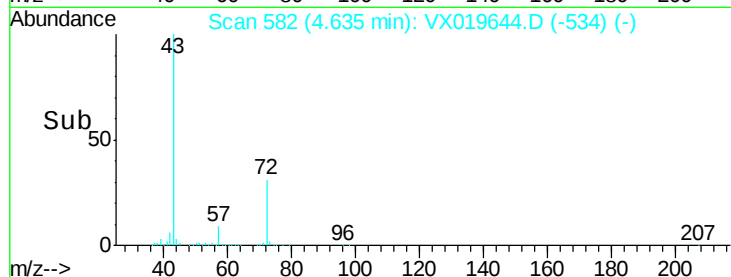
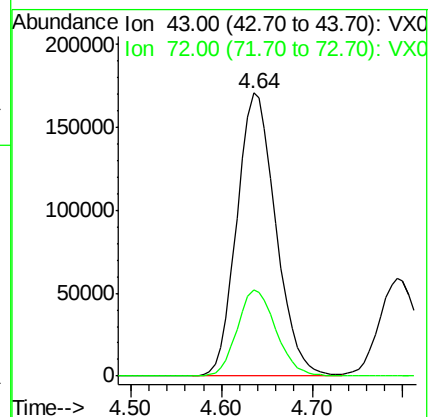
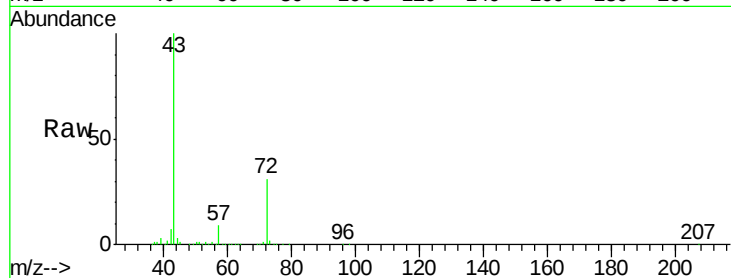
GR-OF-20201119MSD

Tot Ion: 43 Resp: 505523

Ion Ratio Lower Upper

43 100

72 30.6 24.0 36.0



#26

2,2-Dichloropropane

Concen: 37.353 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019644.D

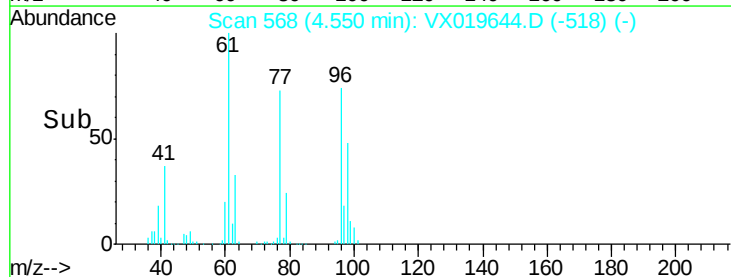
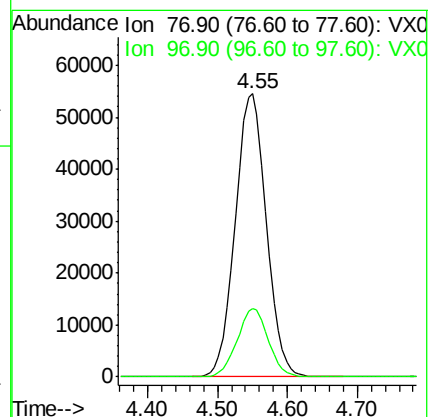
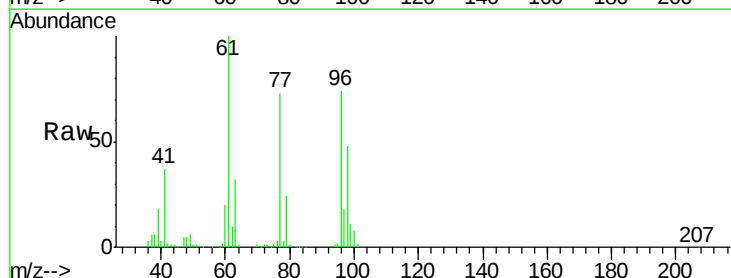
Acq: 25 Nov 2020 07:01

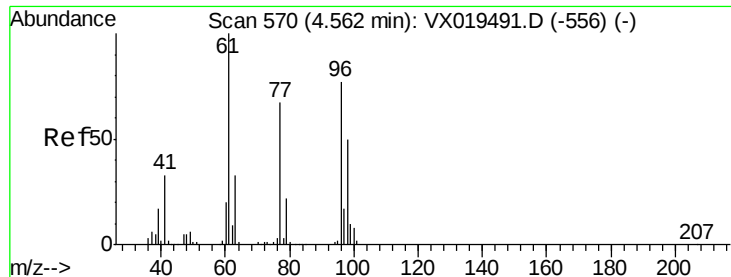
Tgt Ion: 77 Resp: 168490

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8



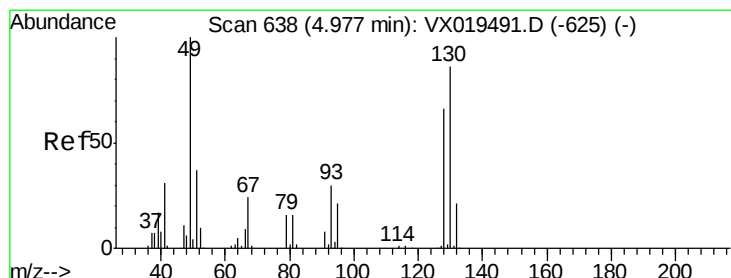
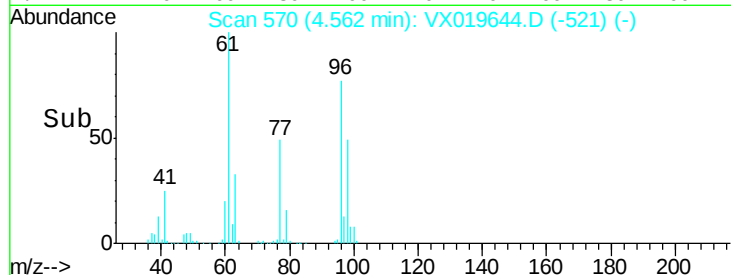
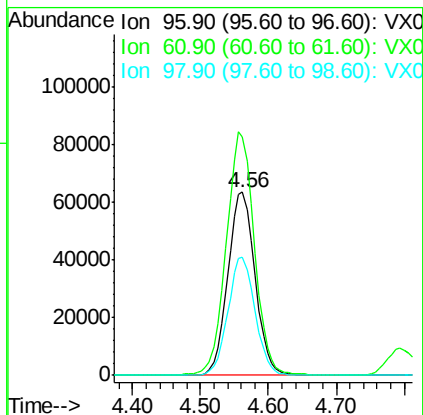
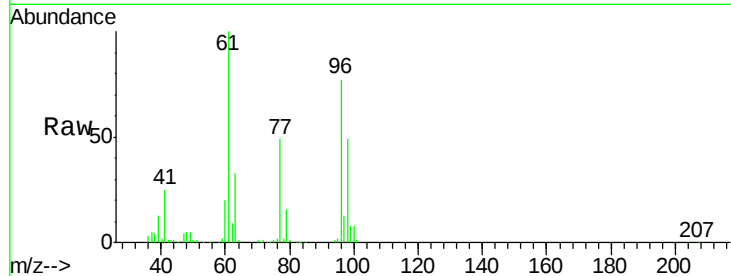


#27

cis-1,2-Dichloroethene
Concen: 51.989 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

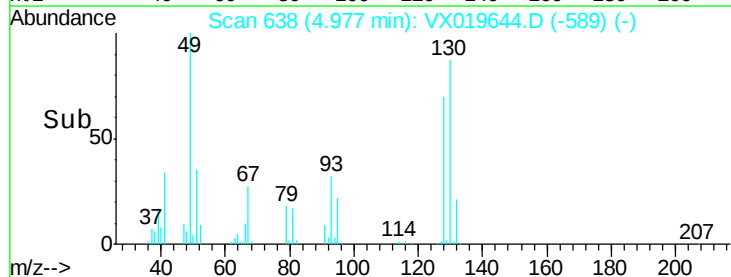
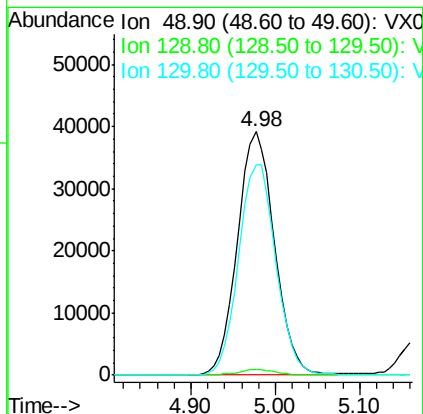
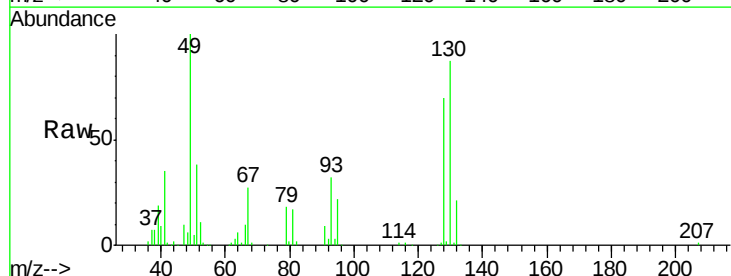
Tot Ion: 96 Resp: 176399
Ion Ratio Lower Upper
96 100
61 137.5 0.0 279.2
98 64.4 0.0 129.8

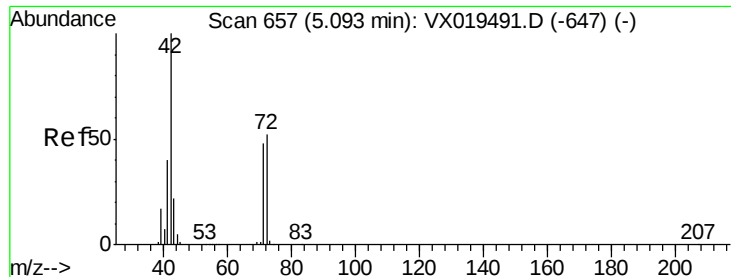


#28

Bromochloromethane
Concen: 47.303 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion: 49 Resp: 116872
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 87.2 69.0 103.6





#29

Tetrahydrofuran

Concen: 256.008 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

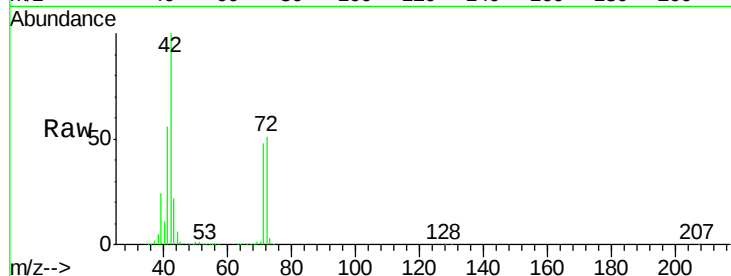
Tot Ion: 42 Resp: 323088

Ion Ratio Lower Upper

42 100

72 53.2 42.6 63.8

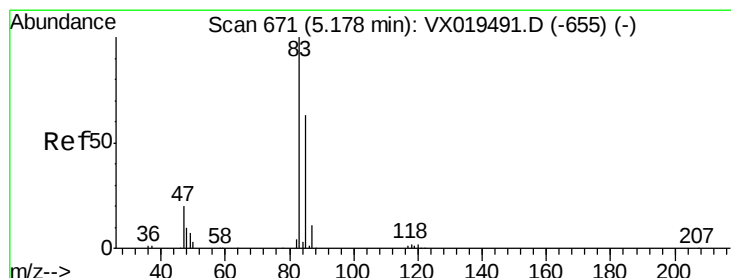
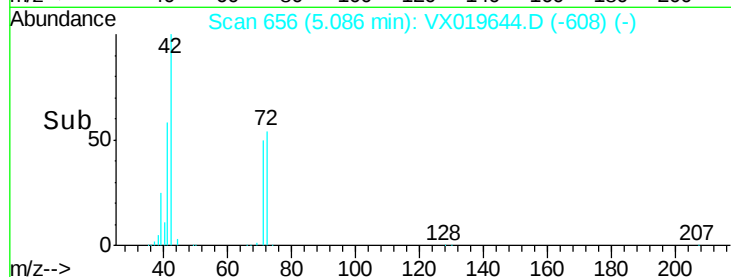
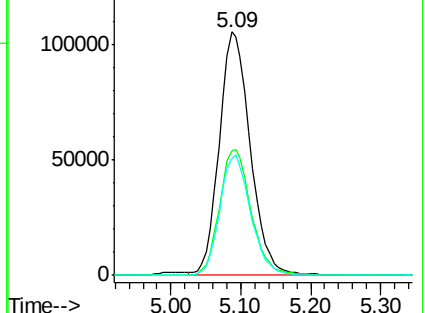
71 49.2 39.0 58.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.950 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019644.D

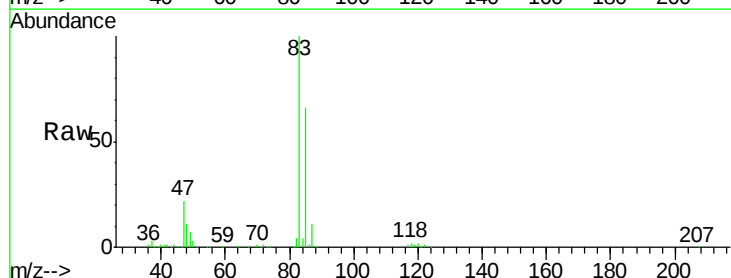
Acq: 25 Nov 2020 07:01

Tgt Ion: 83 Resp: 280725

Ion Ratio Lower Upper

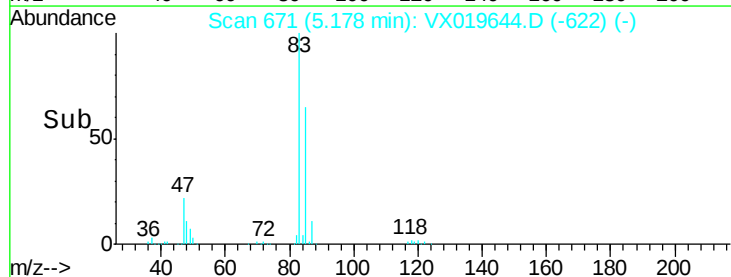
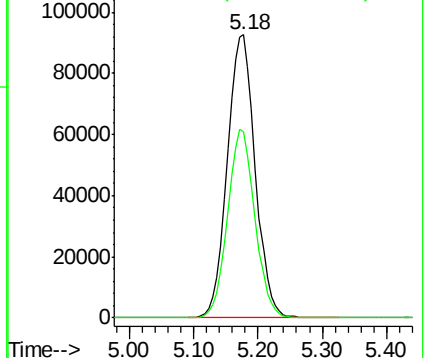
83 100

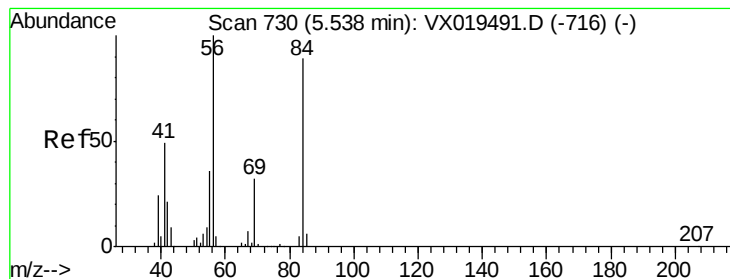
85 65.7 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.305 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

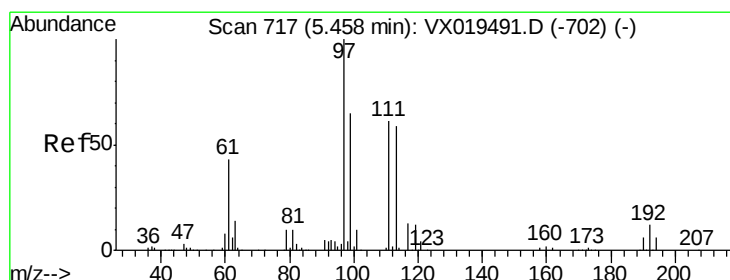
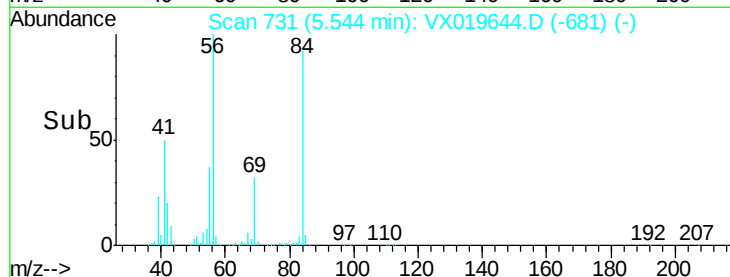
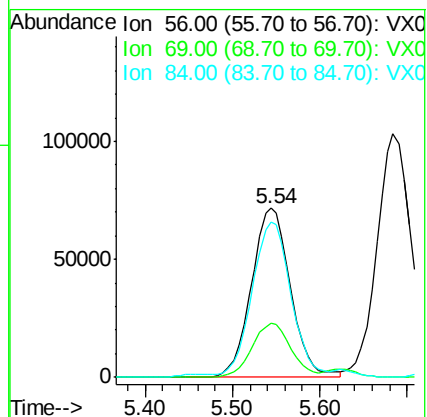
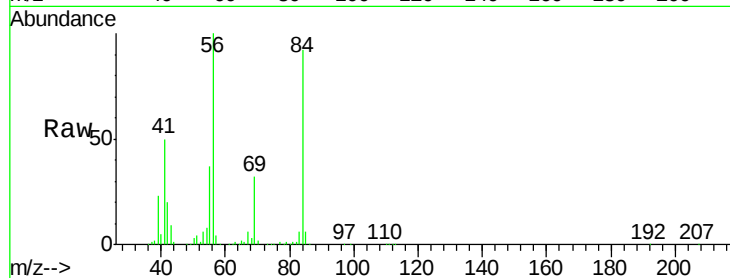
Tot Ion: 56 Resp: 222773

Ion Ratio Lower Upper

56 100

69 32.3 25.5 38.3

84 89.8 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 51.939 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

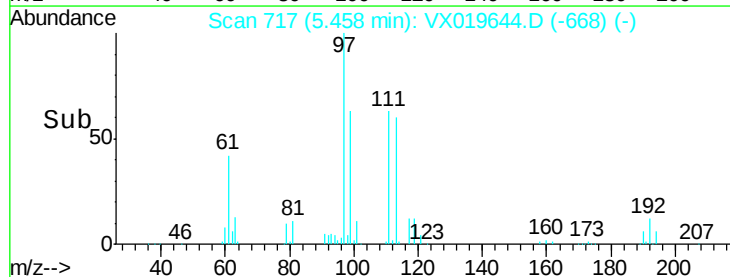
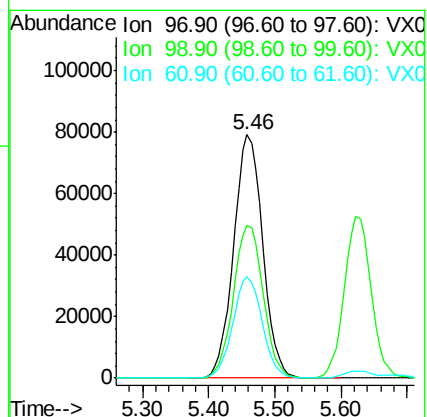
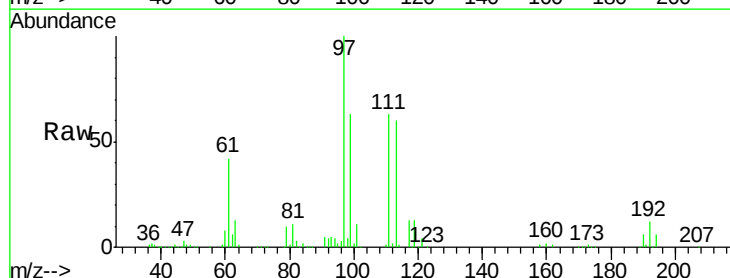
Tgt Ion: 97 Resp: 241091

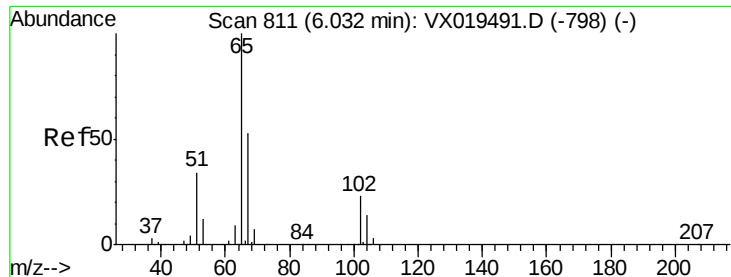
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 42.0 34.2 51.2

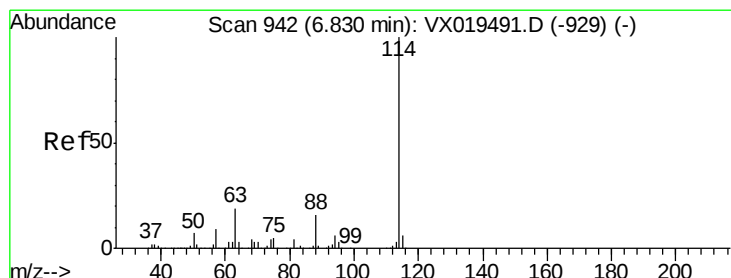
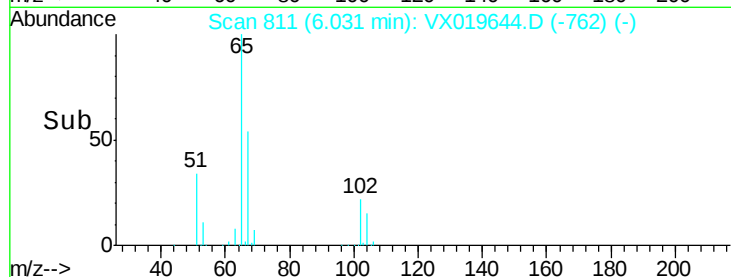
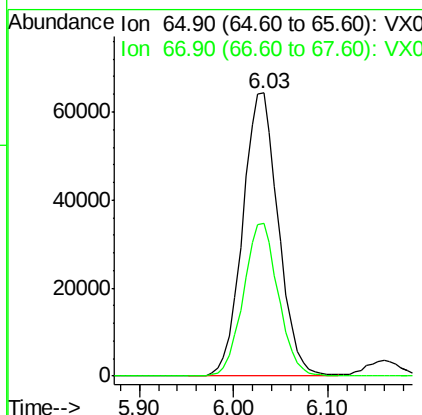
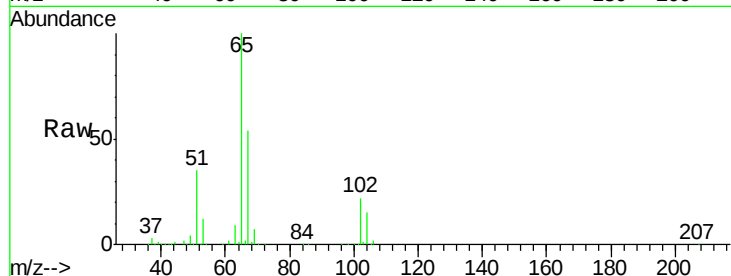




#33
 1,2-Dichloroethane-d4
 Concen: 50.006 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

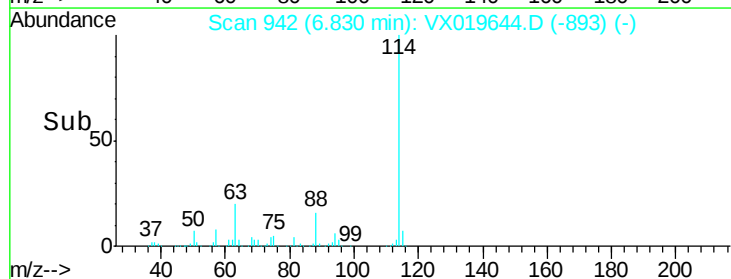
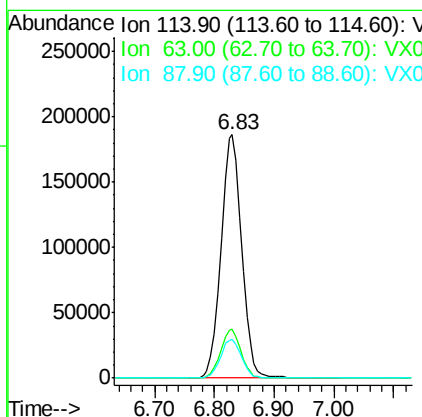
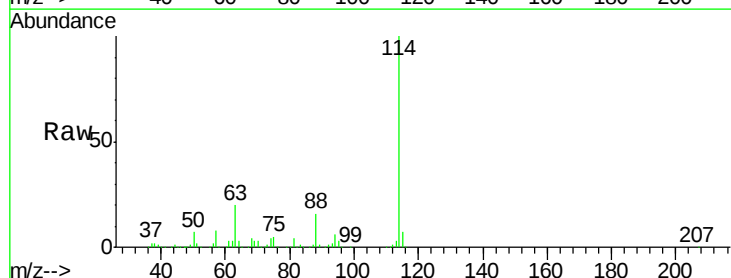
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

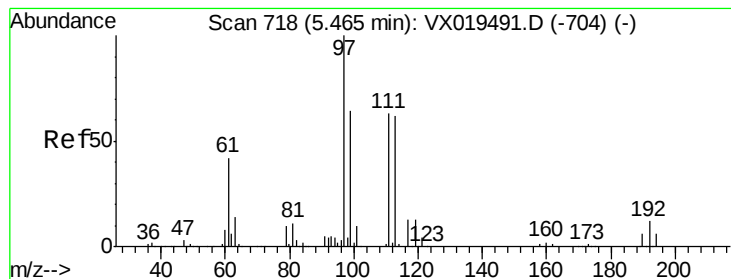
Tot Ion: 65 Resp: 170261
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion: 114 Resp: 447926
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.8
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.556 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

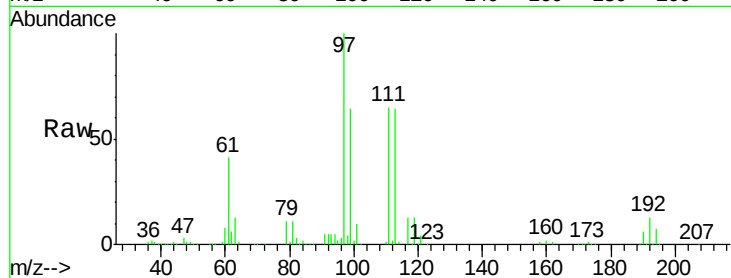
Tot Ion:113 Resp: 139334

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

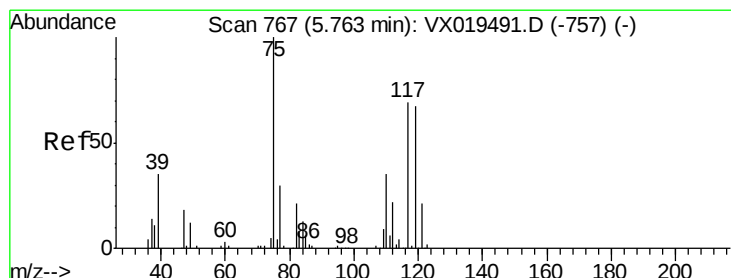
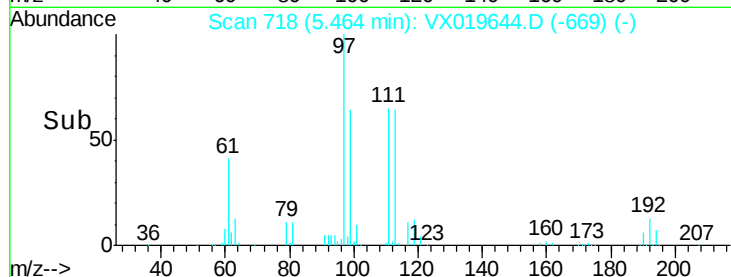
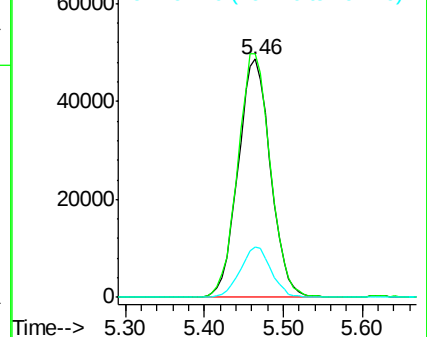
192 20.2 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.723 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

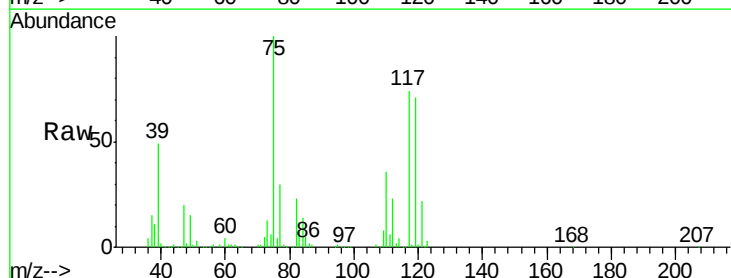
Tgt Ion: 75 Resp: 204604

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.3

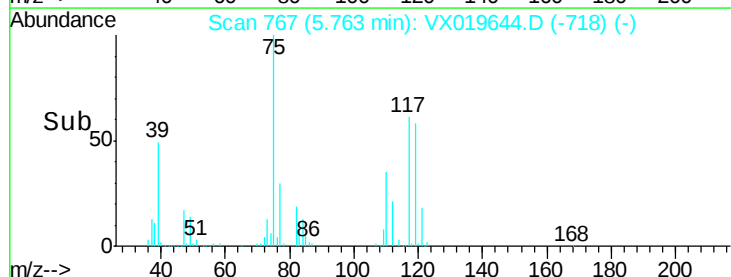
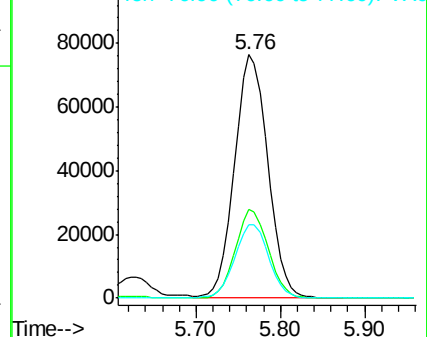
77 30.6 24.2 36.4

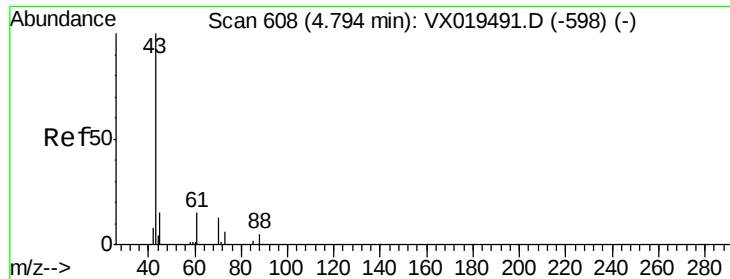


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

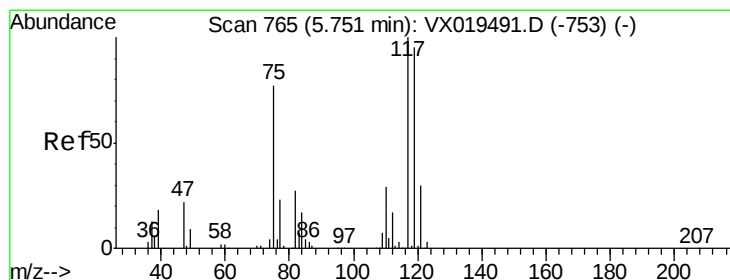
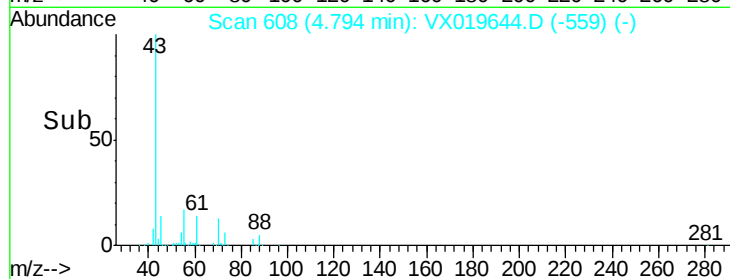
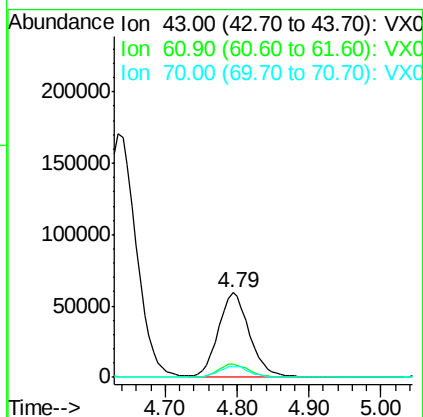
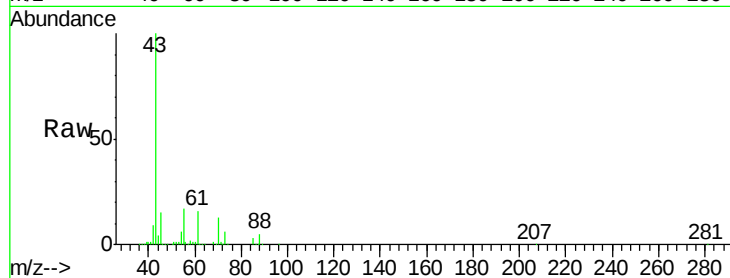




#37
Ethyl Acetate
Concen: 44.928 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

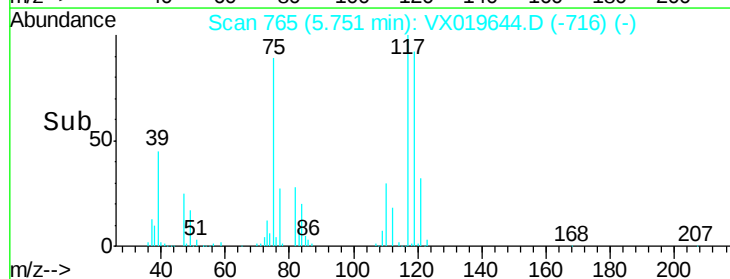
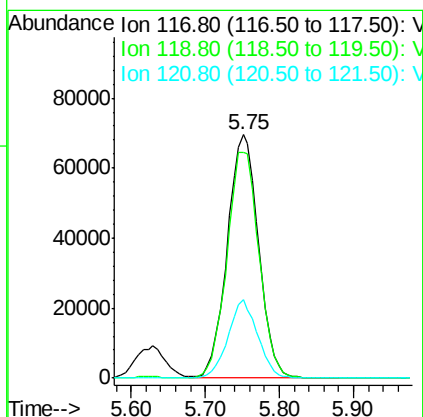
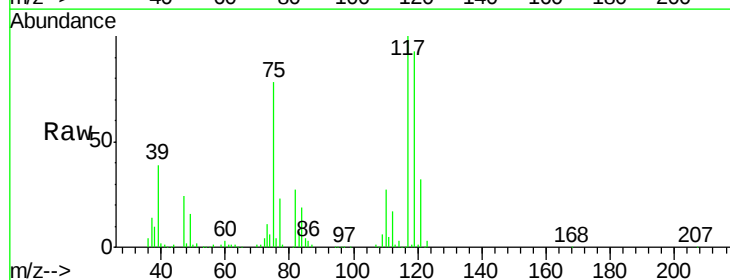
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

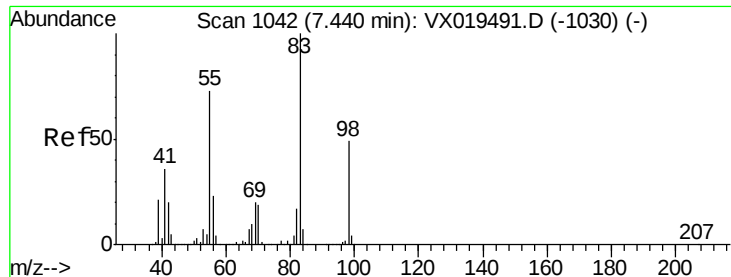
Tot Ion: 43 Resp: 177120
Ion Ratio Lower Upper
43 100
61 15.9 12.7 19.1
70 13.1 10.2 15.2



#38
Carbon Tetrachloride
Concen: 50.106 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion: 117 Resp: 203663
Ion Ratio Lower Upper
117 100
119 92.8 75.9 113.9
121 32.3 24.0 36.0

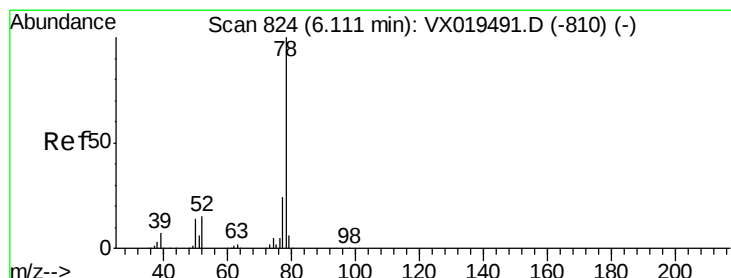
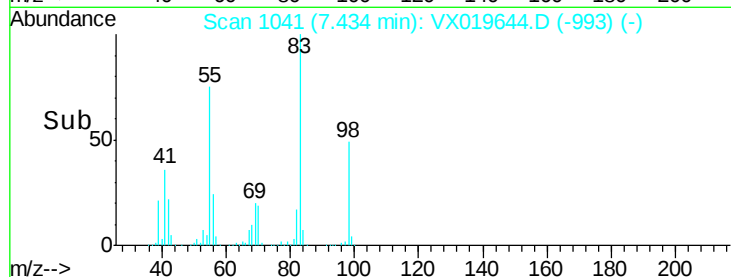
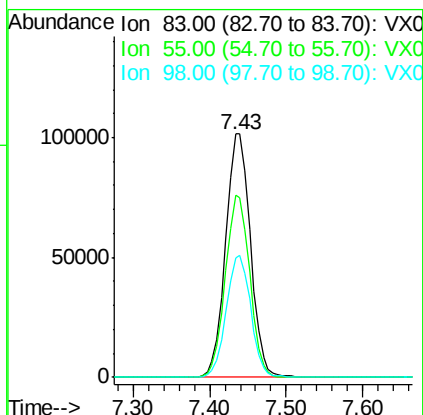
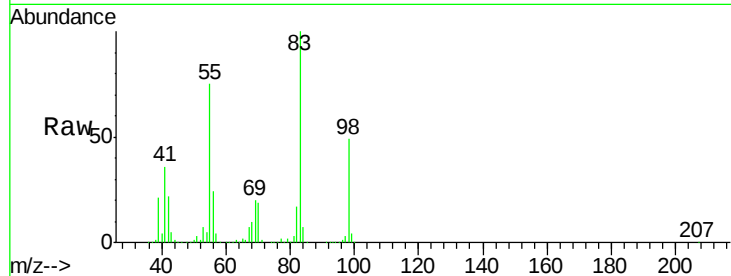




#39
Methvlcvclohexane
Concen: 46.632 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

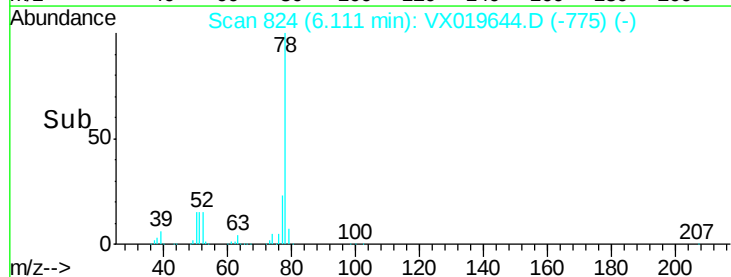
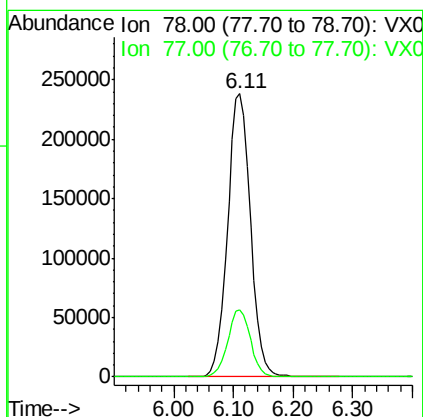
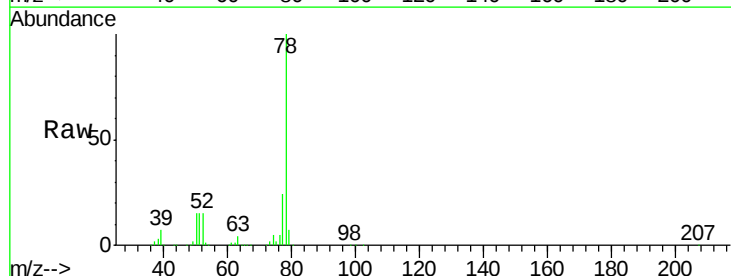
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

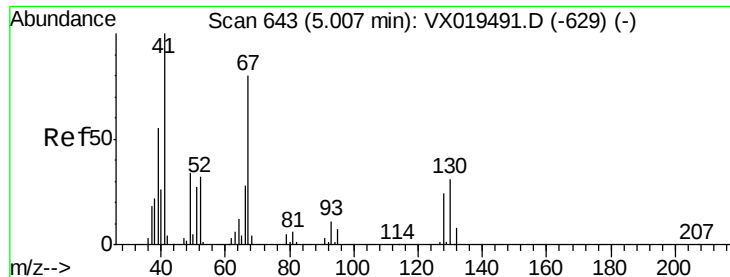
Tot Ion	83	Resp	228006
Ion Ratio	Lower	Upper	
83	100		
55	75.0	58.3	87.5
98	49.2	38.9	58.3



#40
Benzene
Concen: 49.170 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion	78	Resp	634416
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.9	28.3





#41

Methacrylonitrile

Concen: 50.523 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

Tot Ion: 41 Resp: 109834

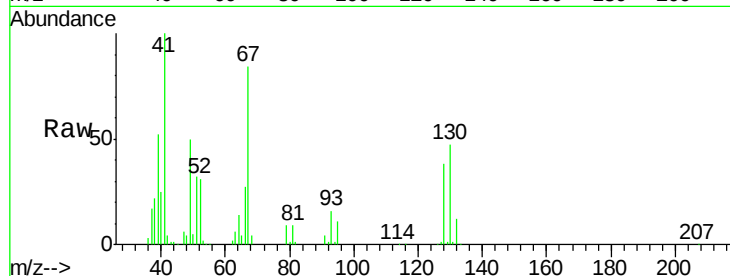
Ion Ratio Lower Upper

41 100

39 53.1 43.3 64.9

67 85.6 66.0 99.0

52 32.3 25.4 38.2

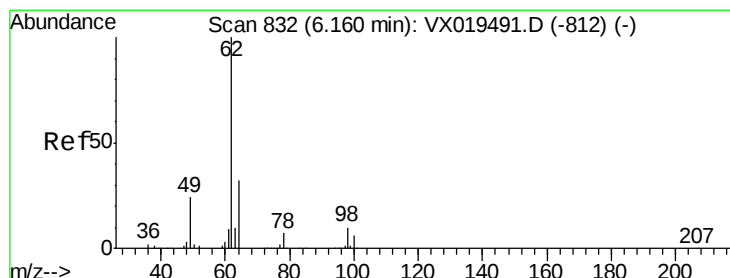
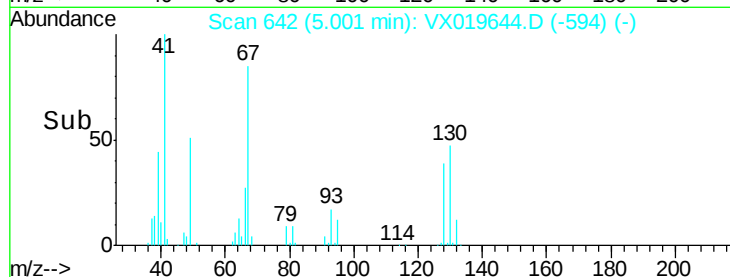
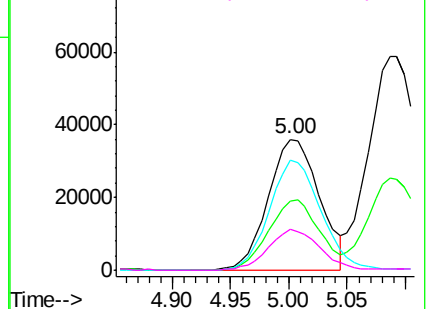


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.835 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019644.D

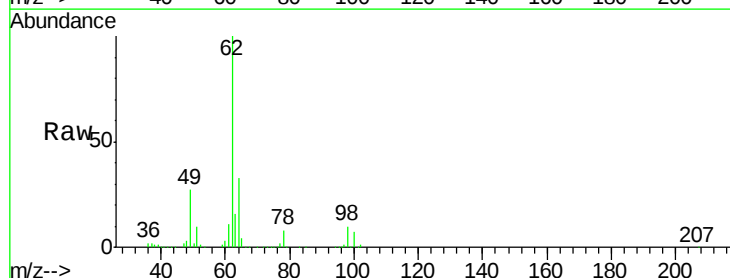
Acq: 25 Nov 2020 07:01

Tgt Ion: 62 Resp: 220391

Ion Ratio Lower Upper

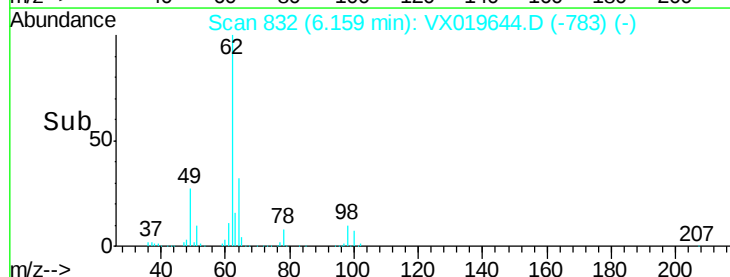
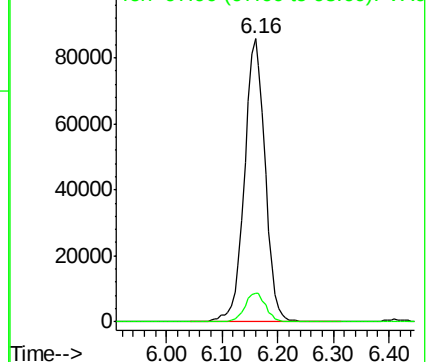
62 100

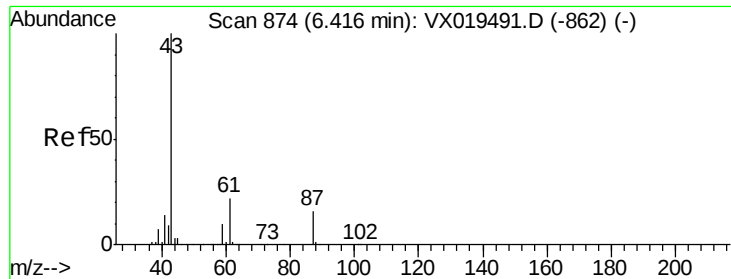
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



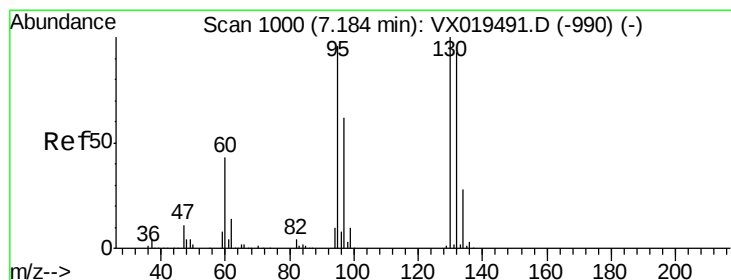
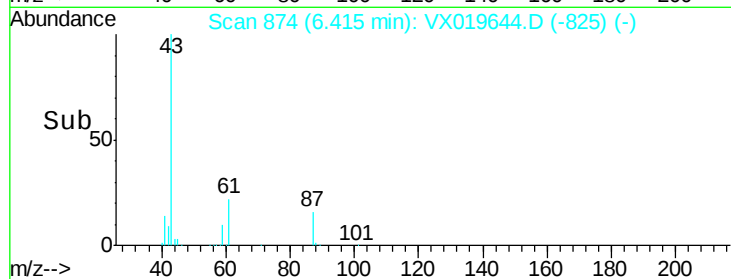
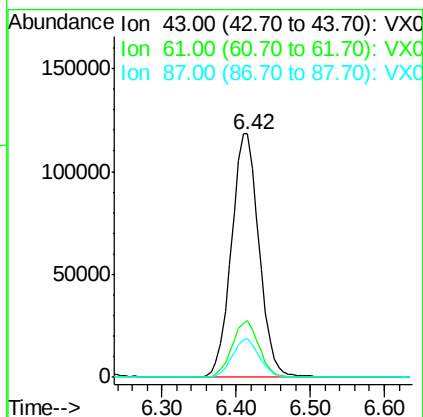
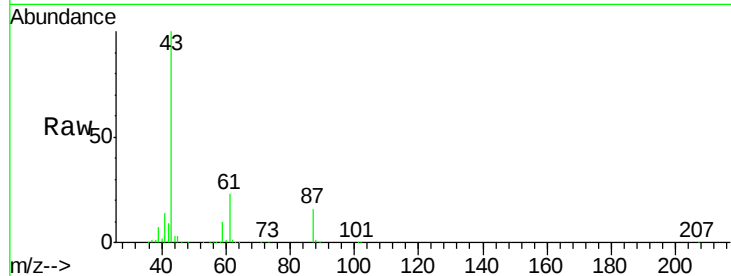


#43

Isopropyl Acetate
 Concen: 46.249 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

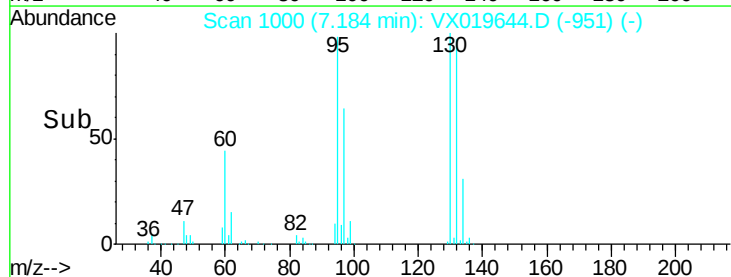
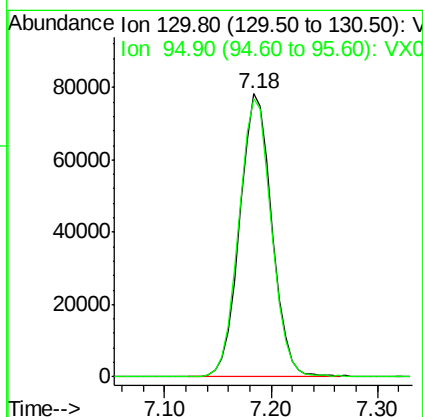
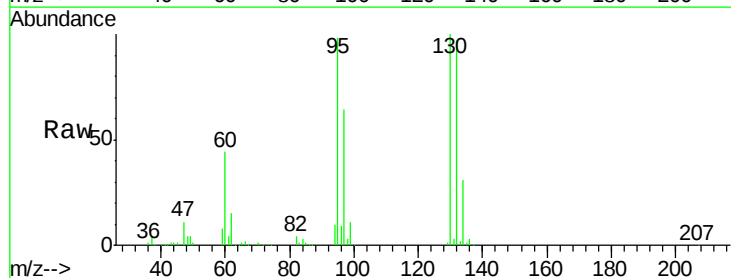
Tot Ion	43	Resp	306493
Ion Ratio	Lower	Upper	
43	100		
61	23.0	18.2	27.2
87	15.6	12.6	18.8

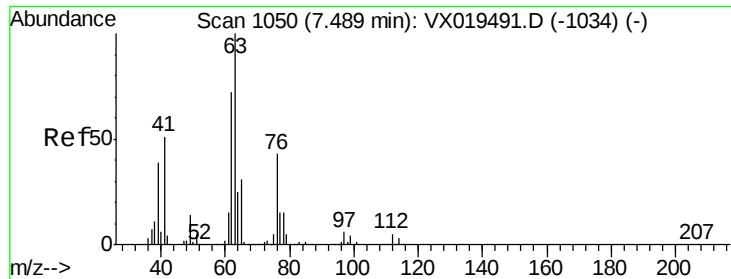


#44

Trichloroethene
 Concen: 49.104 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion	130	Resp	165952
Ion Ratio	Lower	Upper	
130	100		
95	98.1	0.0	191.2





#45

1,2-Dichloropropane

Concen: 50.299 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

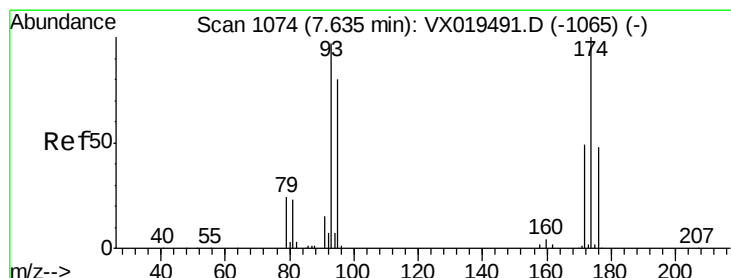
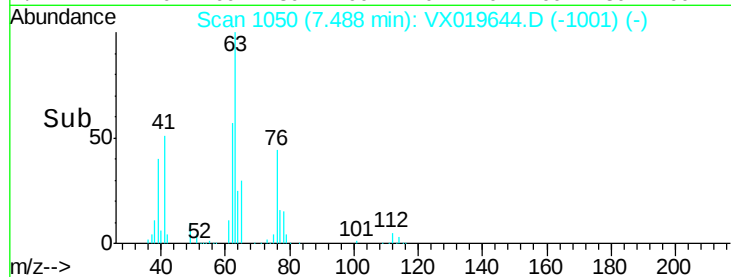
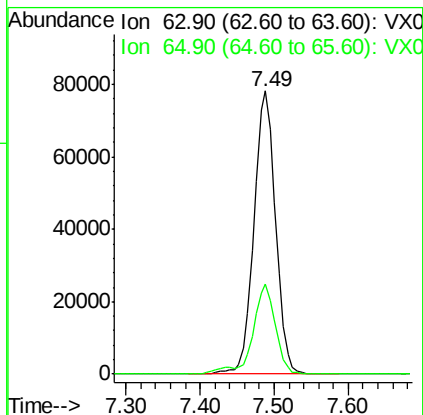
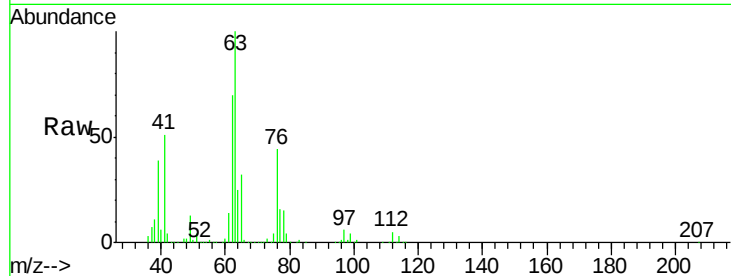
GR-OF-20201119MSD

Tot Ion: 63 Resp: 159766

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 50.241 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

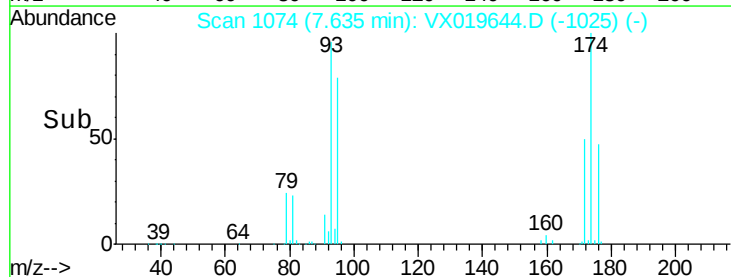
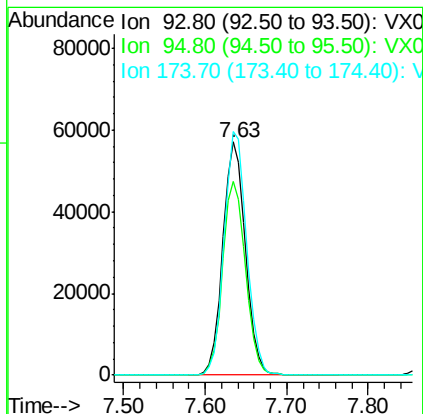
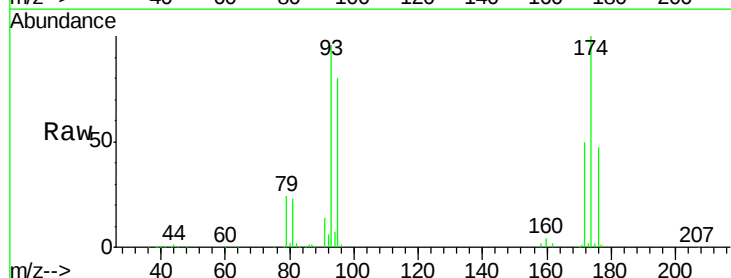
Tgt Ion: 93 Resp: 109222

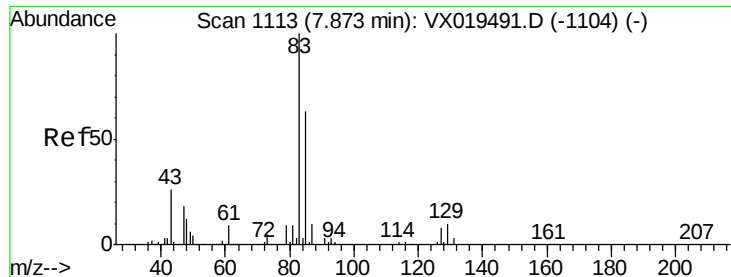
Ion Ratio Lower Upper

93 100

95 83.9 66.8 100.2

174 104.0 83.0 124.4





#47

Bromodichloromethane

Concen: 51.872 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

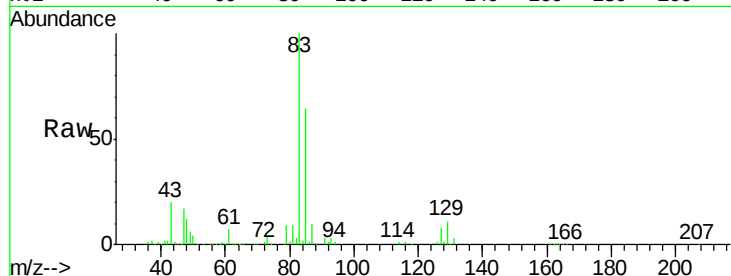
Tot Ion: 83 Resp: 218821

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.2

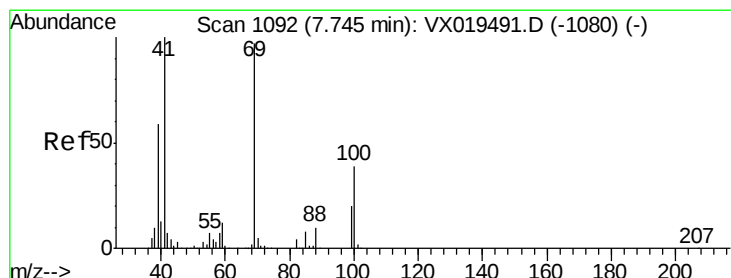
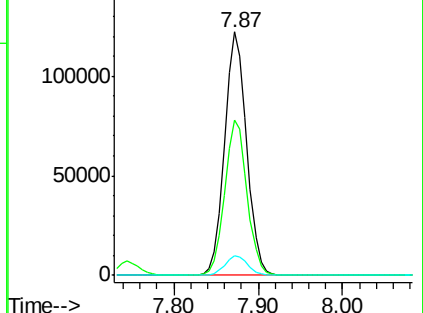
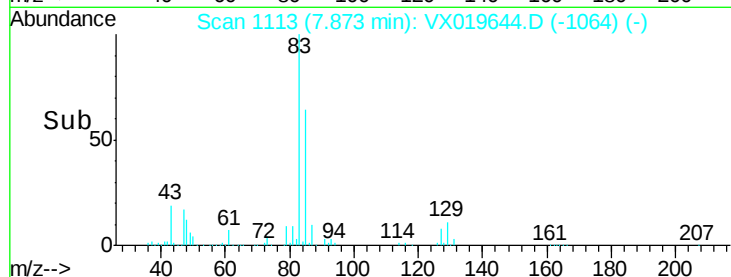
127 8.3 6.4 9.6



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: 52.766 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

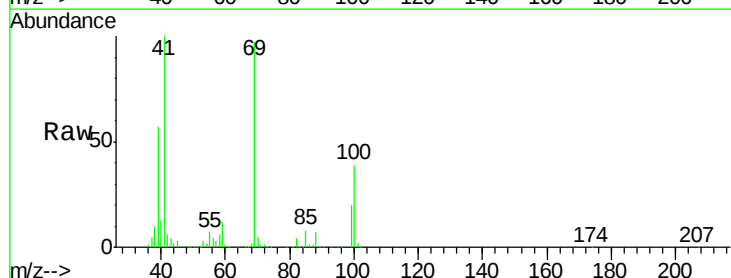
Tgt Ion: 41 Resp: 163764

Ion Ratio Lower Upper

41 100

69 95.9 77.0 115.6

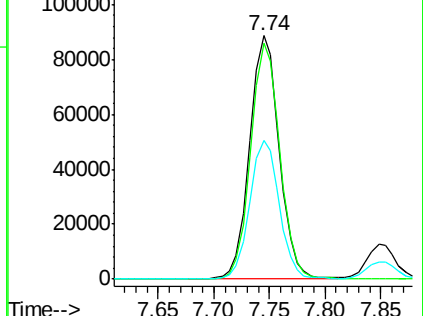
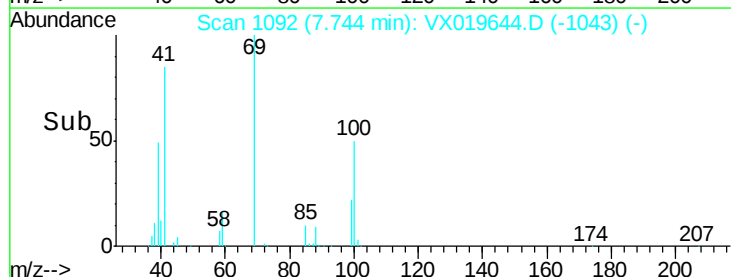
39 57.1 45.6 68.4

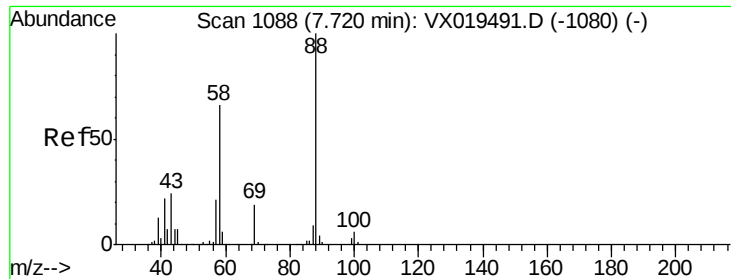


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

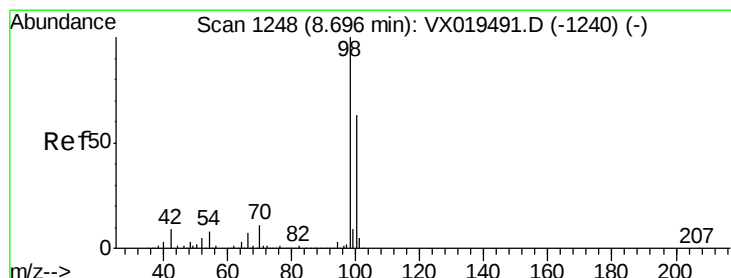
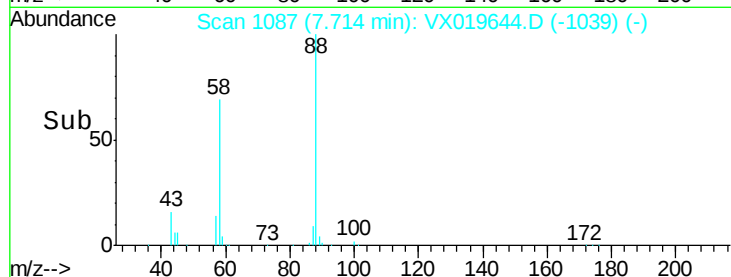
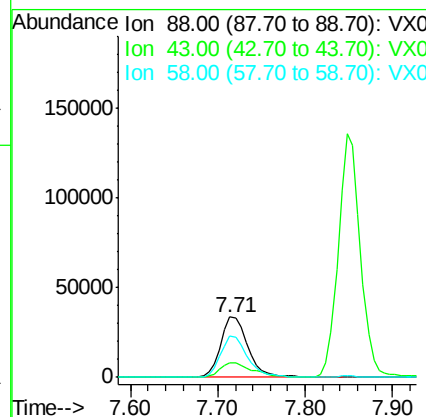
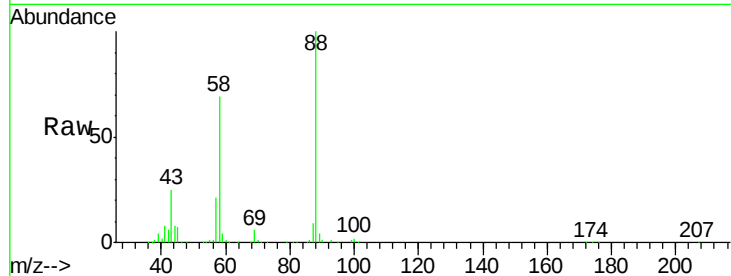




#49
1,4-Dioxane
Concen: 1036.723 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

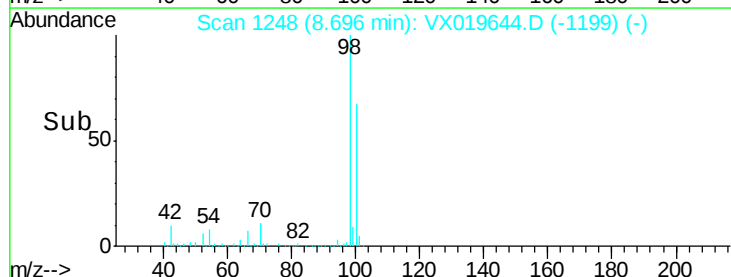
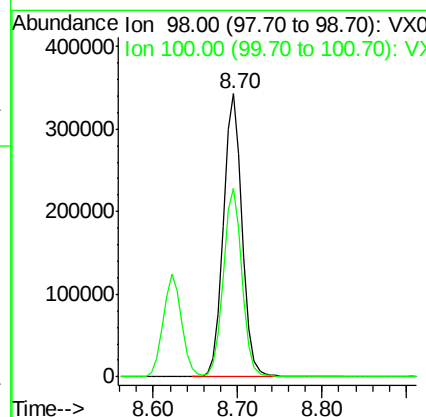
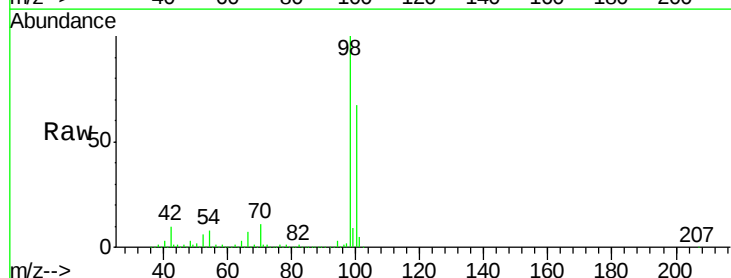
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

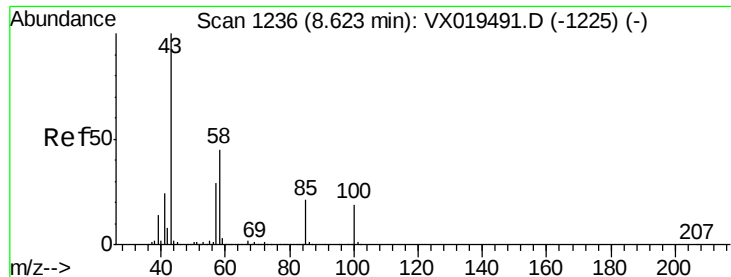
Tot Ion: 88 Resp: 73056
Ion Ratio Lower Upper
88 100
43 27.9 23.8 35.6
58 68.8 54.2 81.2



#50
Toluene-d8
Concen: 48.254 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion: 98 Resp: 527209
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 256.340 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

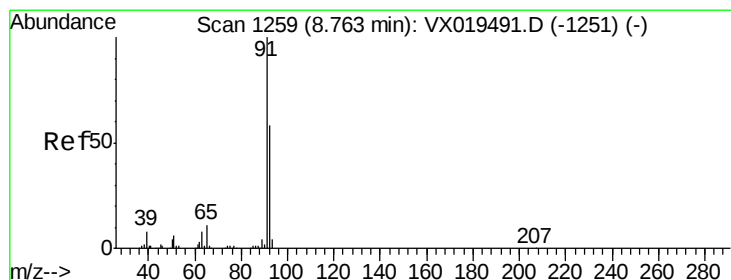
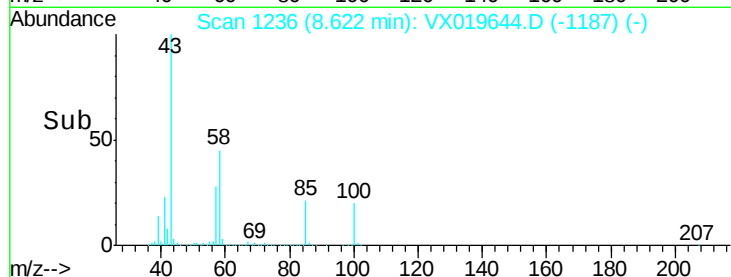
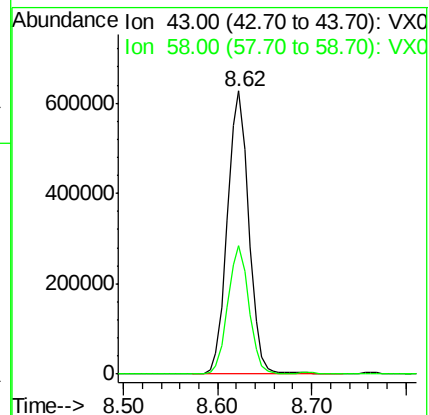
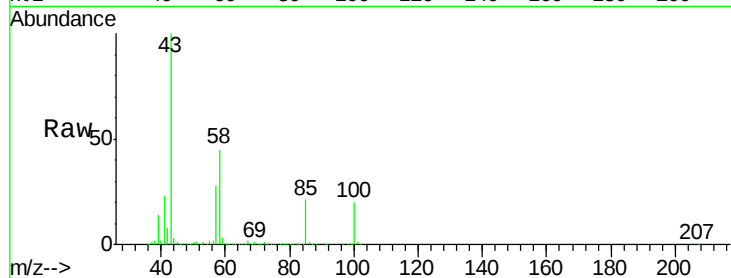
GR-OF-20201119MSD

Tot Ion: 43 Resp: 990601

Ion Ratio Lower Upper

43 100

58 44.6 35.1 52.7



#52

Toluene

Concen: 51.358 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019644.D

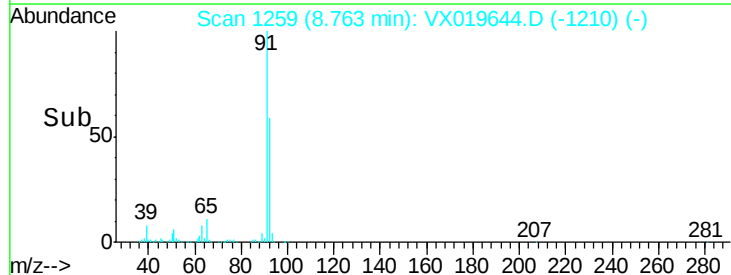
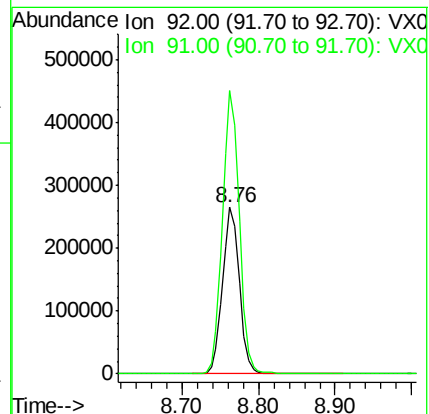
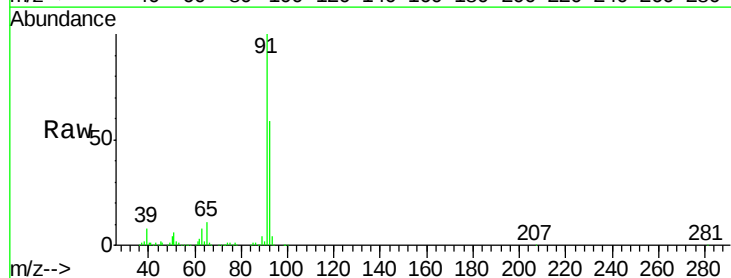
Acq: 25 Nov 2020 07:01

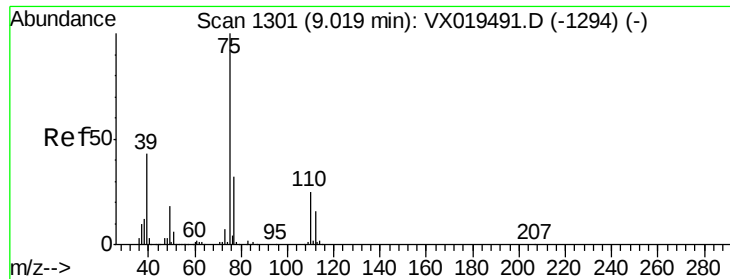
Tgt Ion: 92 Resp: 405368

Ion Ratio Lower Upper

92 100

91 170.0 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 49.978 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

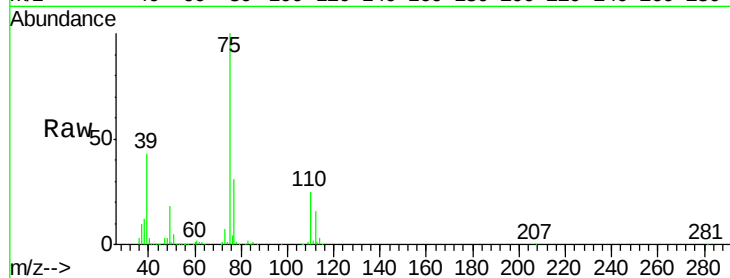
GR-OF-20201119MSD

Tot Ion: 75 Resp: 227696

Ion Ratio Lower Upper

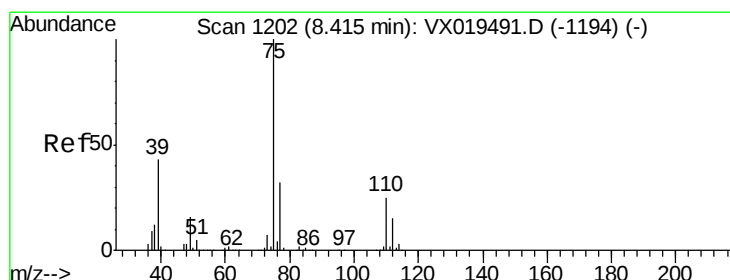
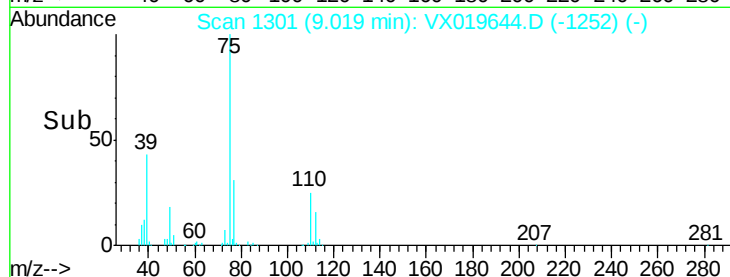
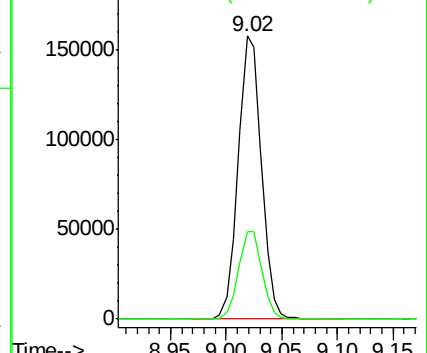
75 100

77 31.0 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.487 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

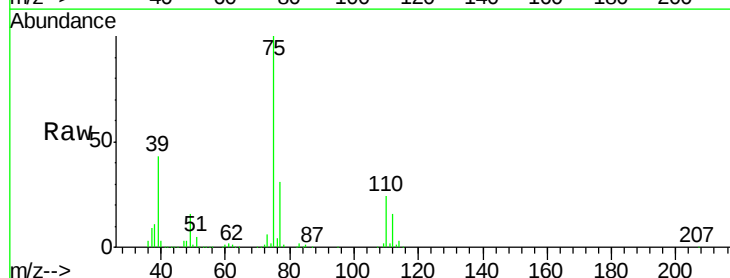
Tgt Ion: 75 Resp: 250205

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

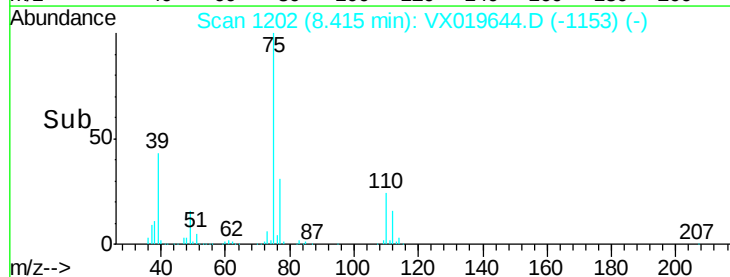
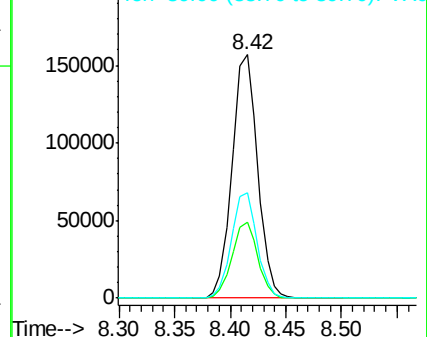
39 43.1 34.6 51.8

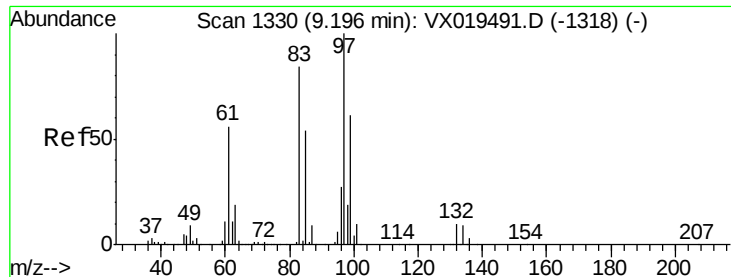


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

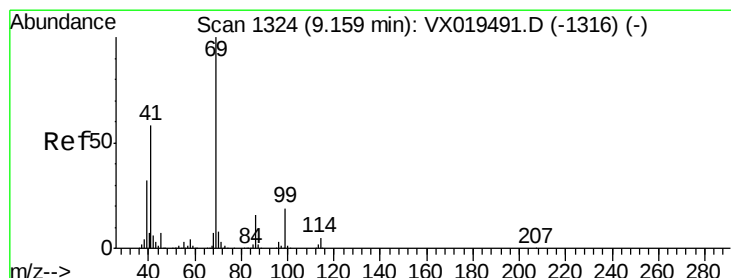
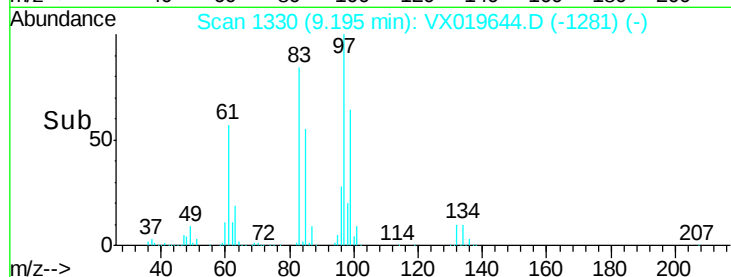
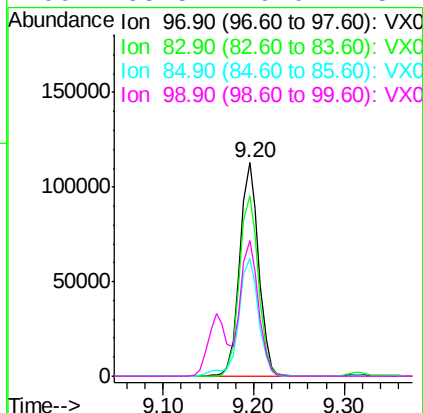
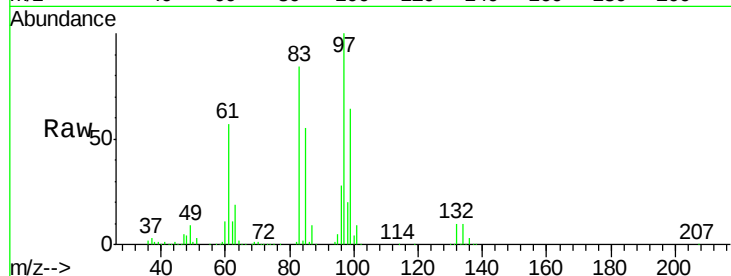




#55
 1,1,2-Trichloroethane
 Concen: 50.910 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

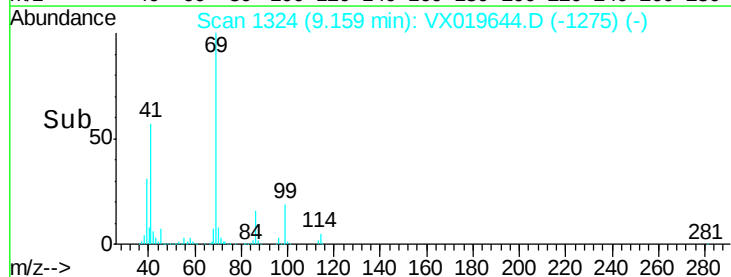
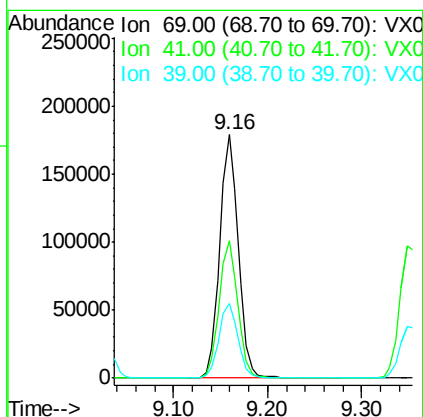
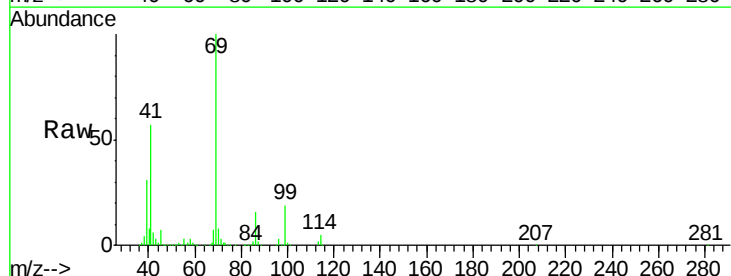
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

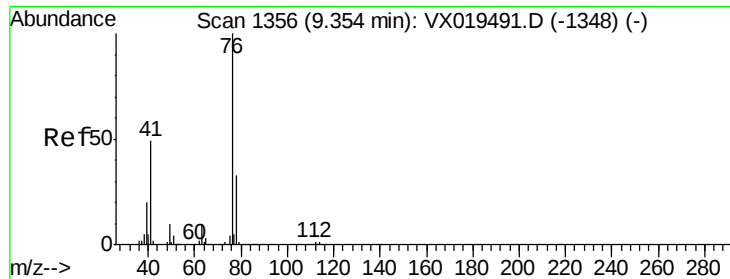
Tot Ion:	97	Resp:	163651
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.0	100.6
85	54.9	43.4	65.0
99	63.5	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 53.795 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion:	69	Resp:	244693
Ion	Ratio	Lower	Upper
69	100		
41	56.6	46.2	69.2
39	31.4	25.5	38.3





#57

1,3-Dichloropropane

Concen: 51.054 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

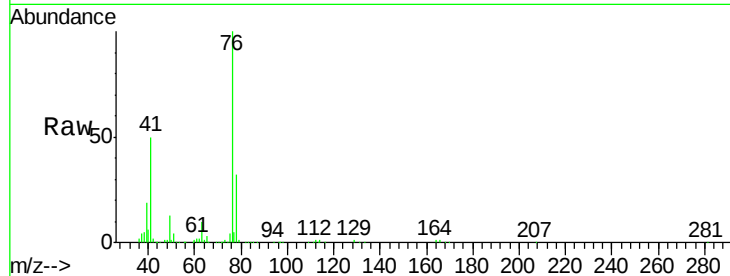
GR-OF-20201119MSD

Tot Ion: 76 Resp: 274764

Ion Ratio Lower Upper

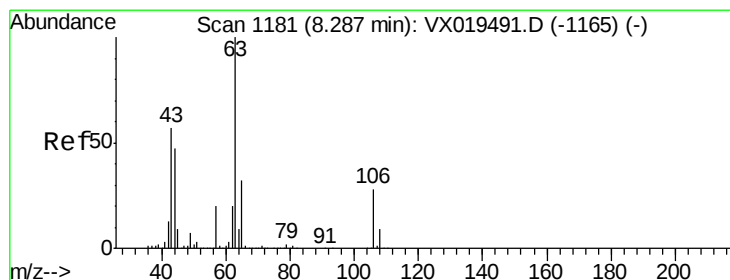
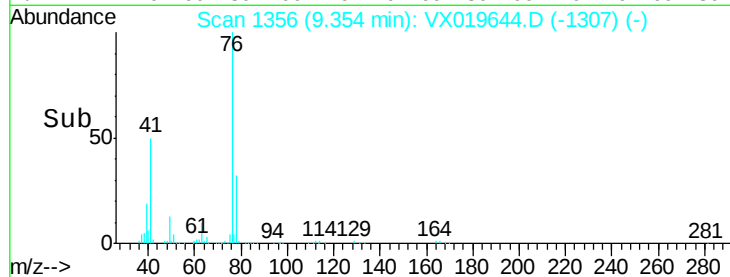
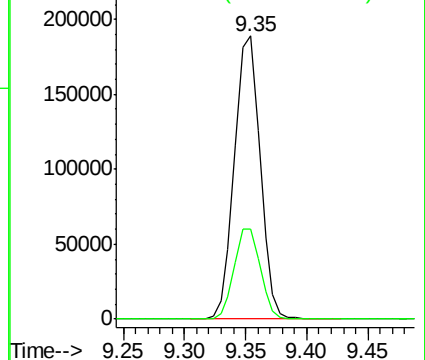
76 100

78 32.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.301 ug/l

RT: 8.22 min Scan# 1170

Delta R.T. -0.07 min

Lab File: VX019644.D

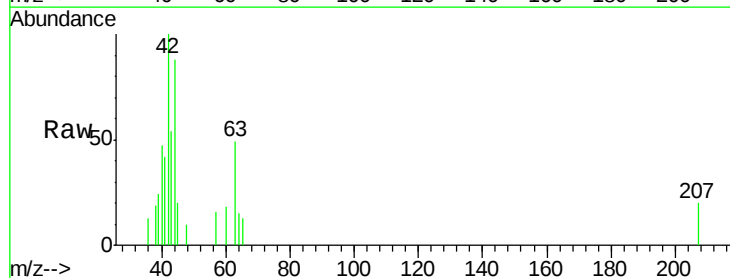
Acq: 25 Nov 2020 07:01

Tgt Ion: 63 Resp: 803

Ion Ratio Lower Upper

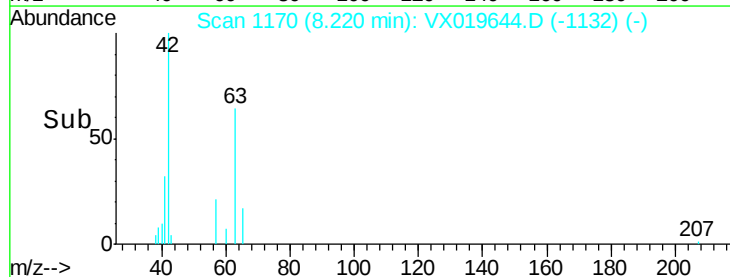
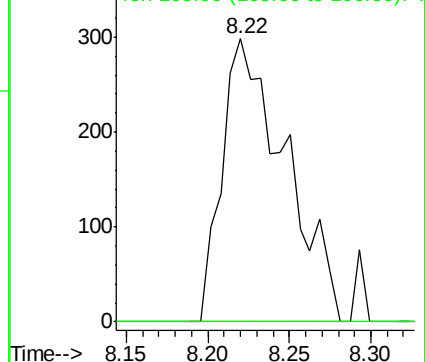
63 100

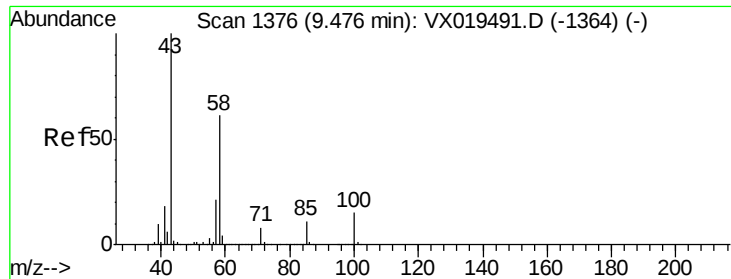
106 0.0 23.7 35.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

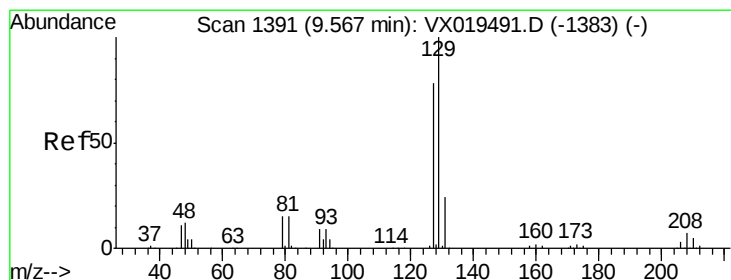
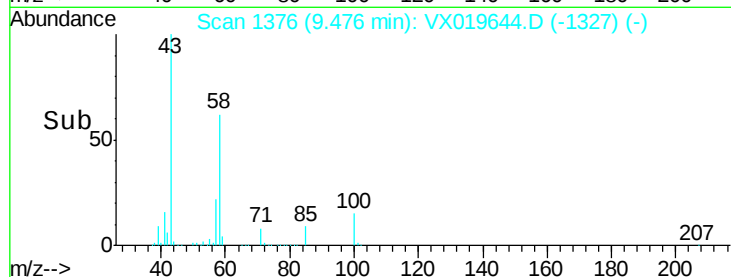
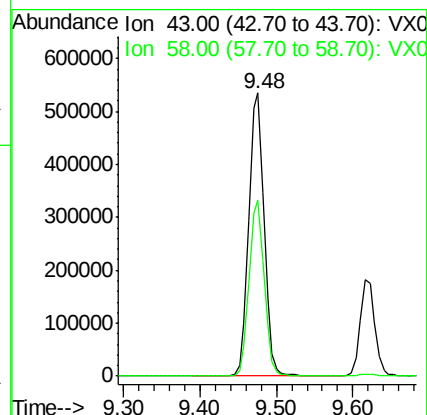
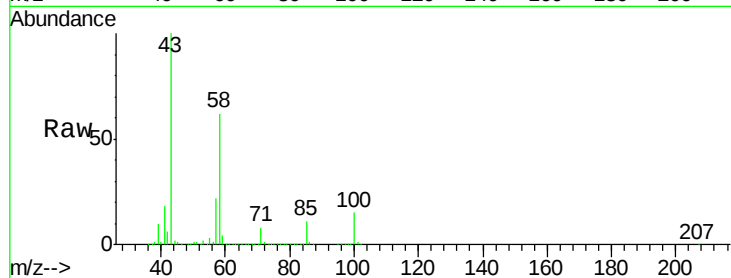




#59
2-Hexanone
Concen: 253.334 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

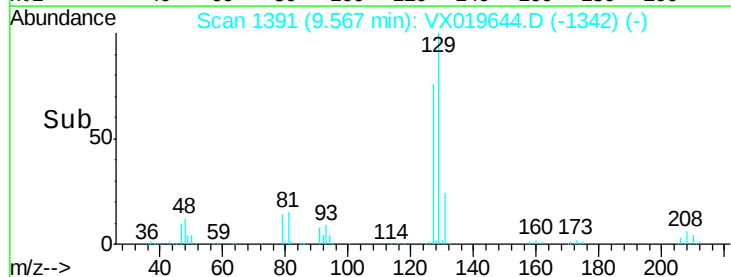
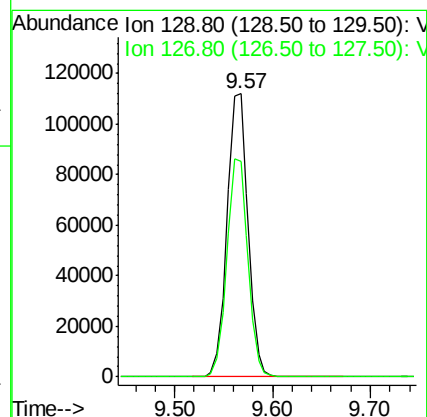
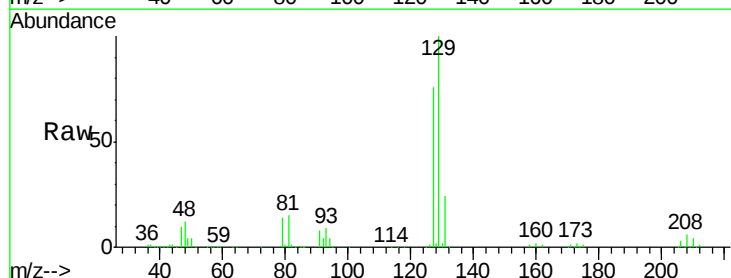
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

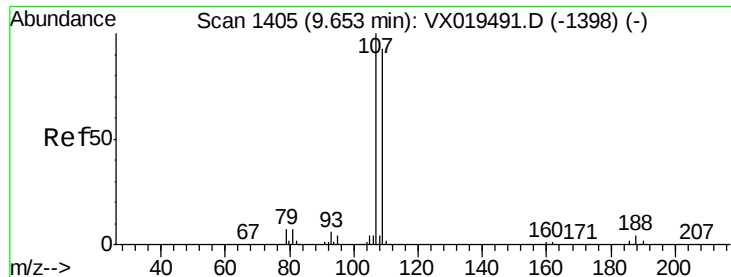
Tot Ion: 43 Resp: 742484
Ion Ratio Lower Upper
43 100
58 61.7 30.6 91.6



#60
Dibromochloromethane
Concen: 52.968 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion: 129 Resp: 166777
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 50.930 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

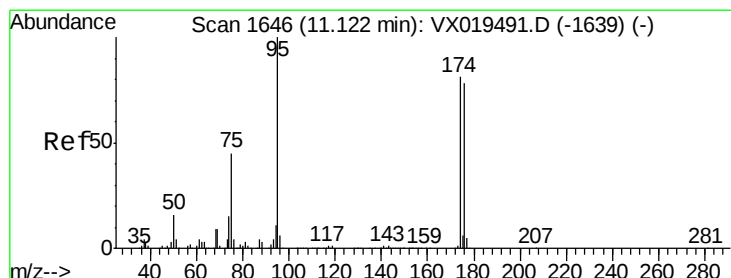
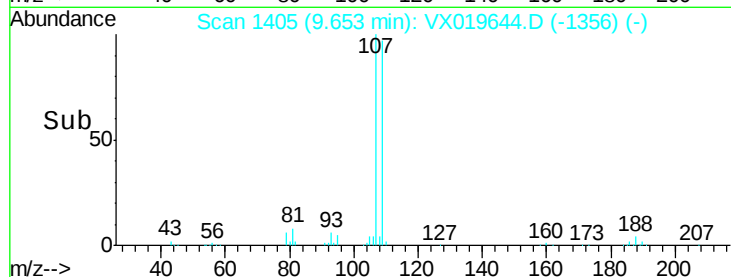
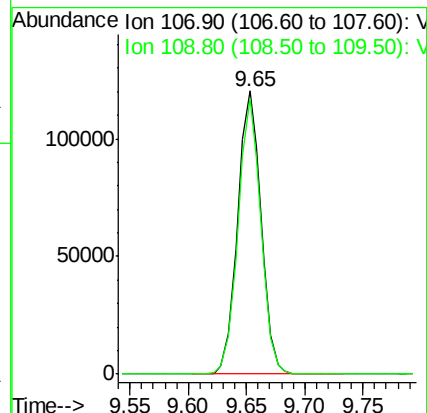
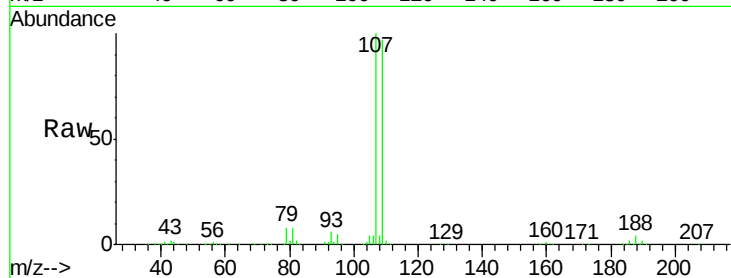
GR-OF-20201119MSD

Tot Ion:107 Resp: 168758

Ion Ratio Lower Upper

107 100

109 94.7 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 48.929 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

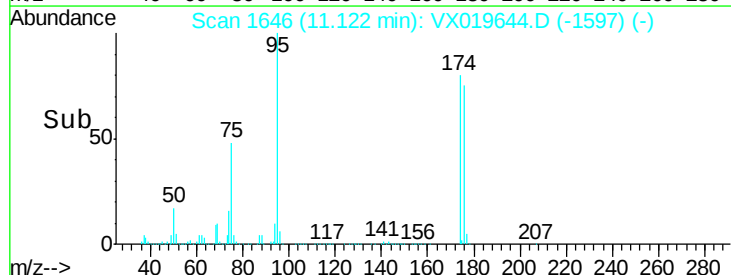
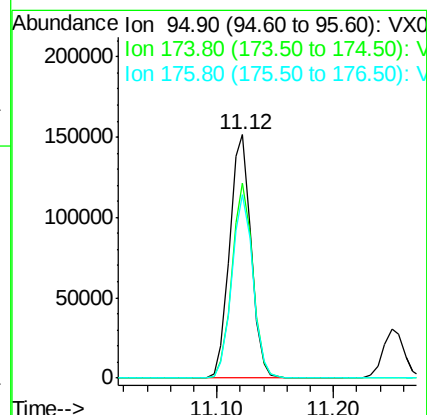
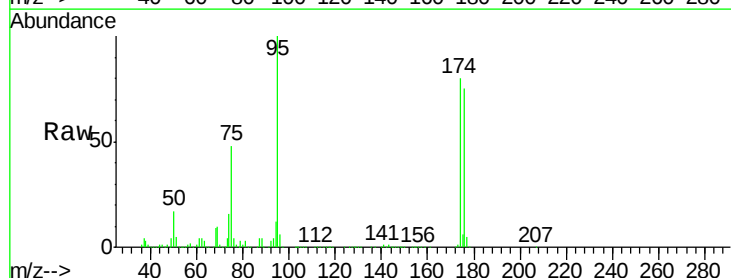
Tgt Ion: 95 Resp: 192335

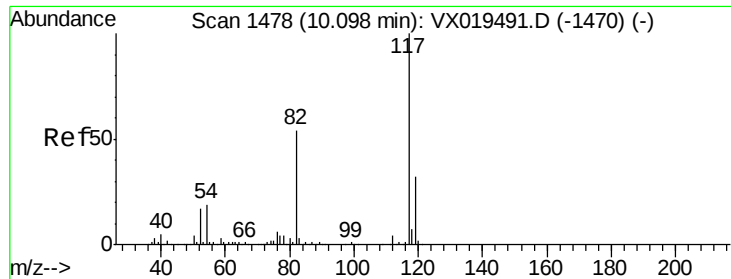
Ion Ratio Lower Upper

95 100

174 78.5 0.0 156.2

176 75.0 0.0 151.4

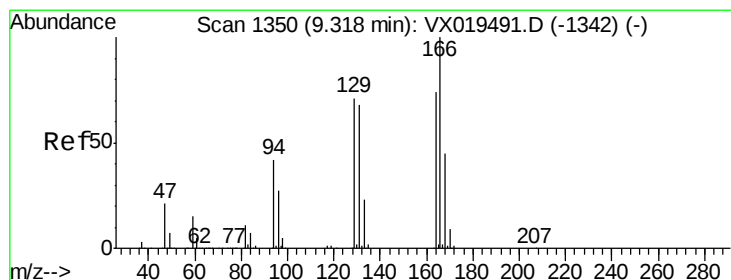
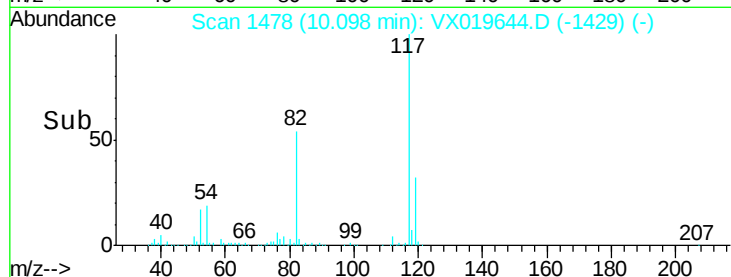
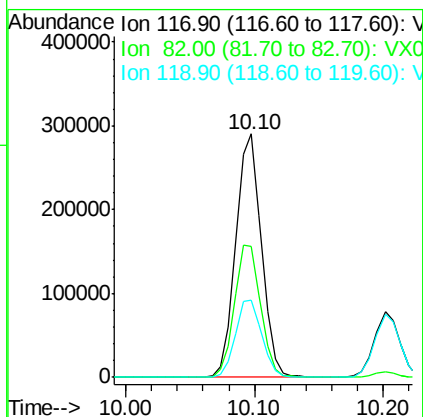
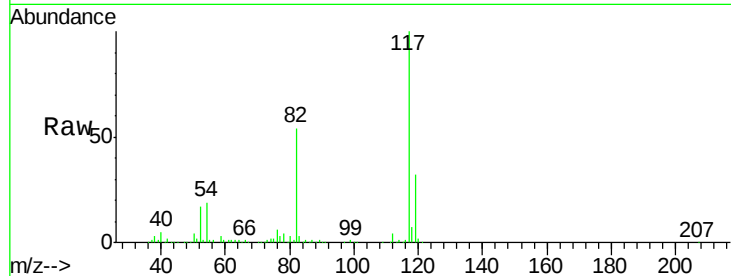




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

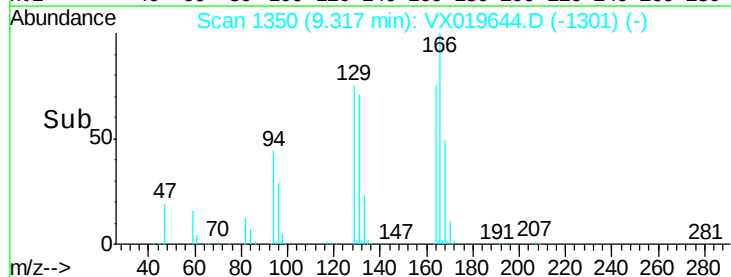
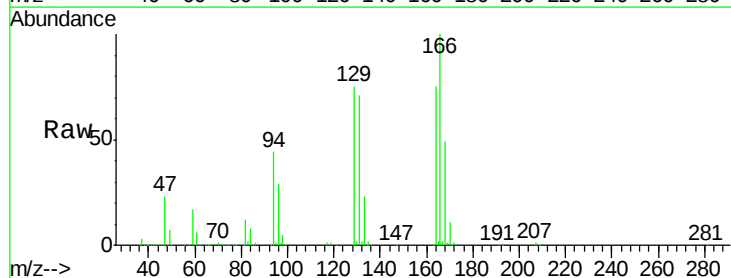
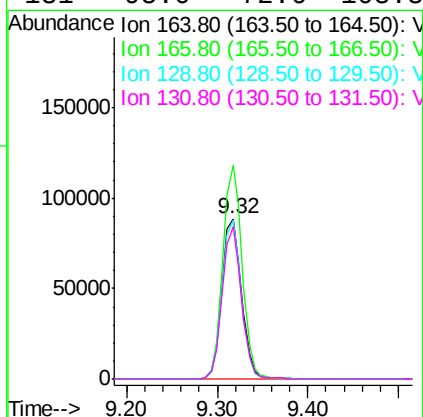
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

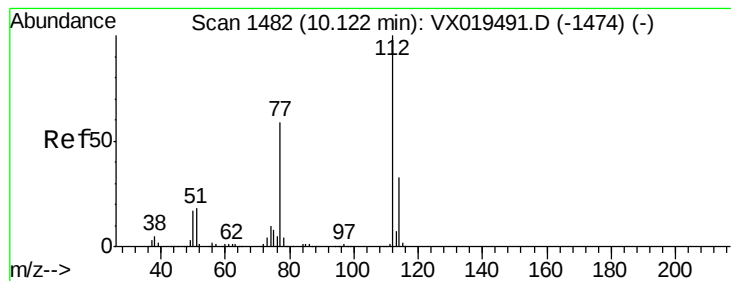
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	31.9	25.6	38.4



#64
Tetrachloroethene
Concen: 42.425 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	107.4	161.0
129	99.2	76.6	114.8
131	95.0	72.6	108.8





#65

Chlorobenzene

Concen: 50.780 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

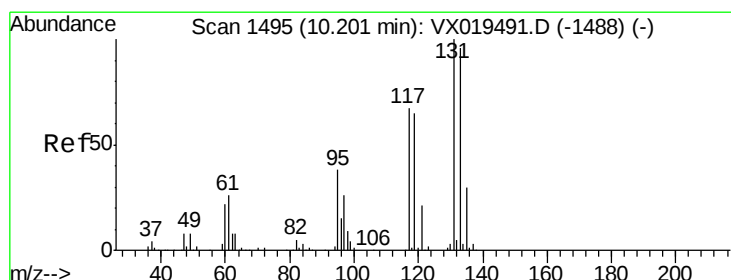
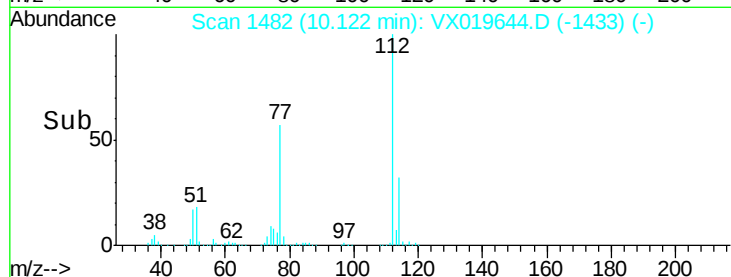
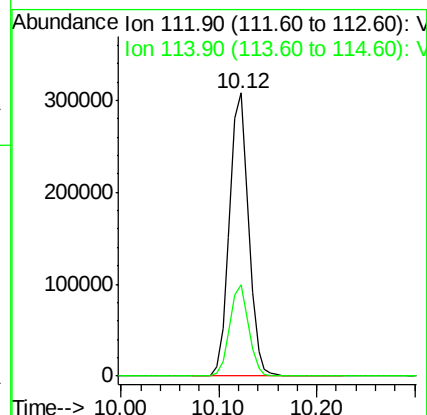
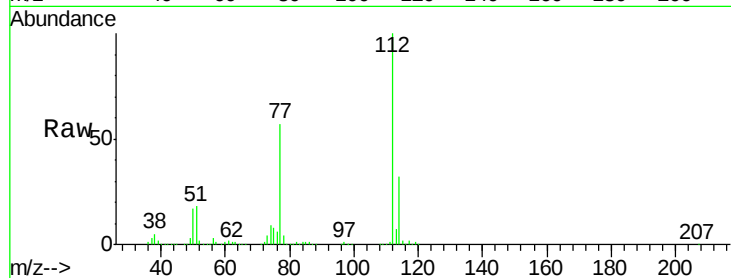
GR-OF-20201119MSD

Tot Ion:112 Resp: 420653

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 52.747 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

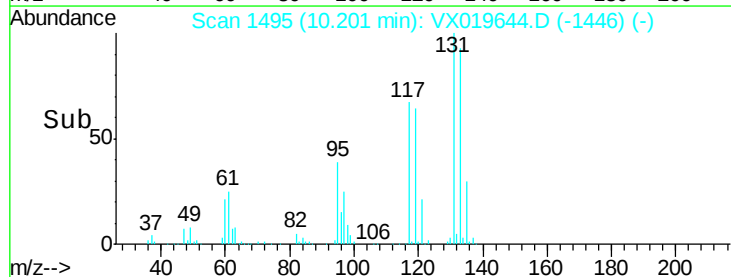
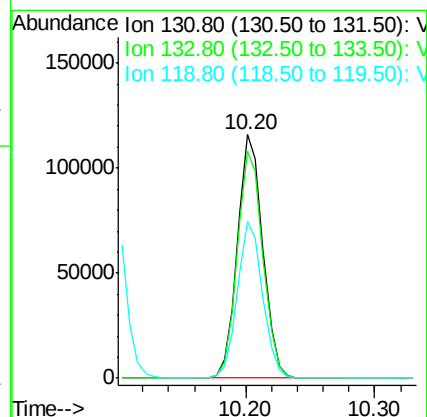
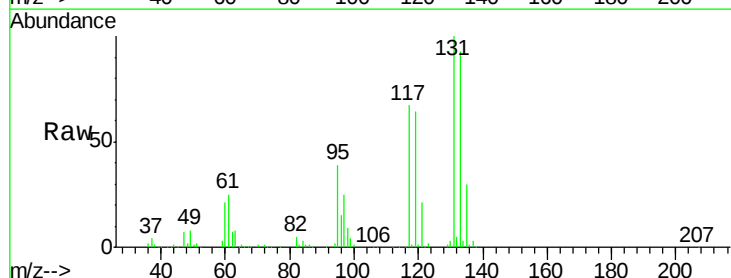
Tgt Ion:131 Resp: 158935

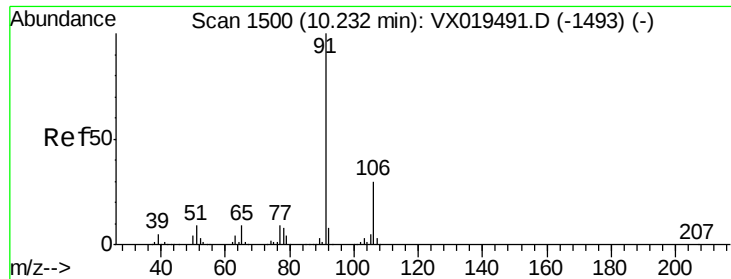
Ion Ratio Lower Upper

131 100

133 94.4 48.5 145.5

119 64.2 33.0 99.0

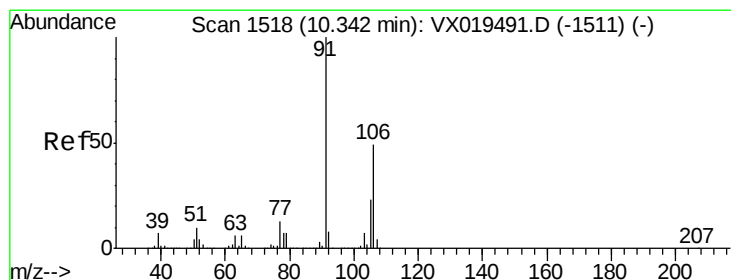
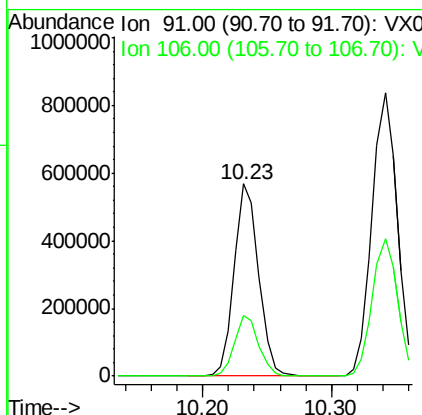
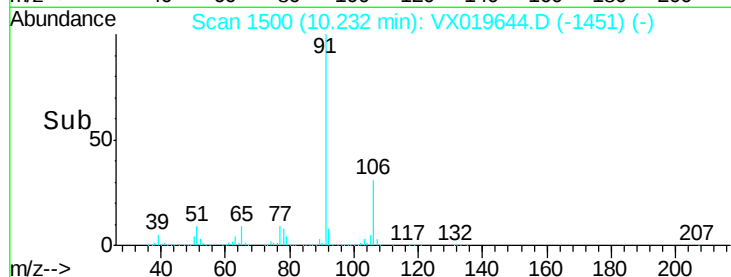
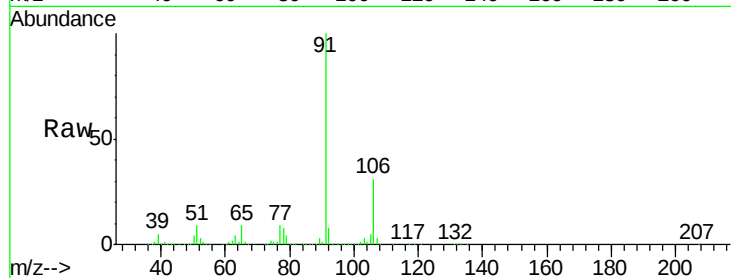




#67
Ethyl Benzene
Concen: 52.083 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

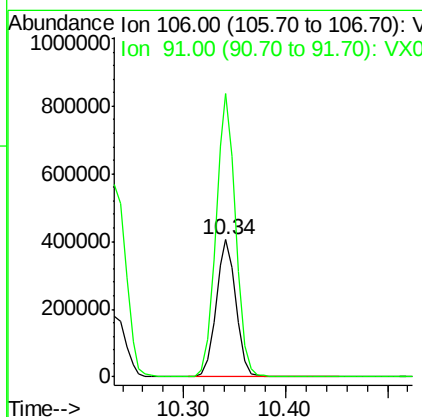
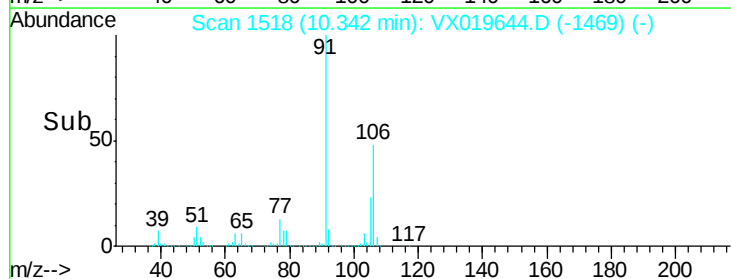
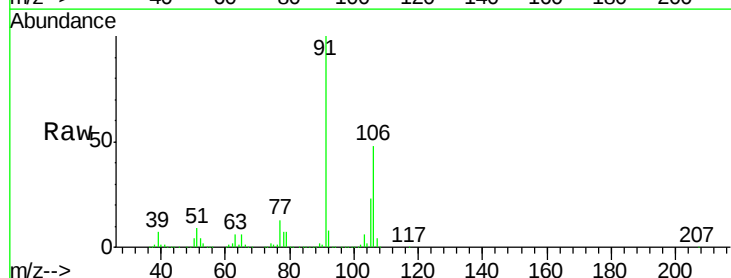
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

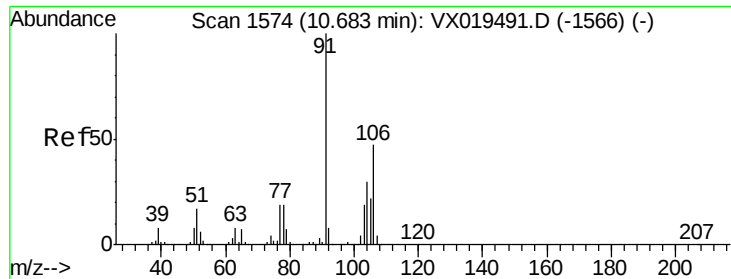
Tot Ion: 91 Resp: 755833
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0



#68
m/p-Xylenes
Concen: 102.111 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion: 106 Resp: 552082
Ion Ratio Lower Upper
106 100
91 205.0 163.3 244.9

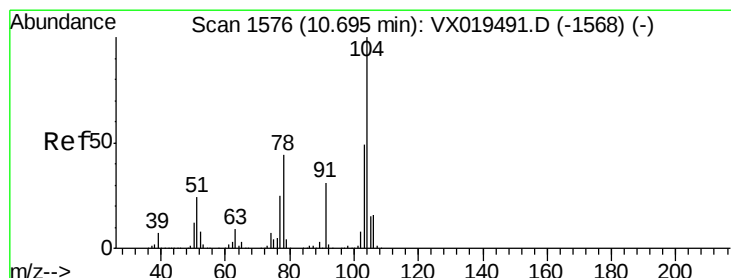
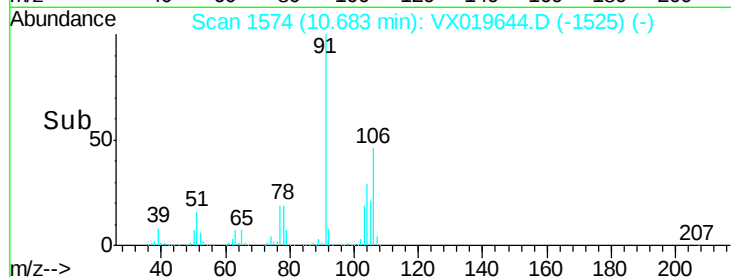
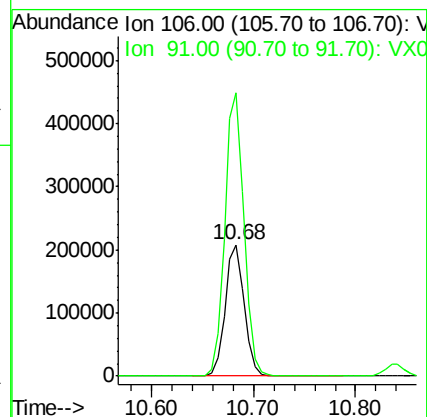
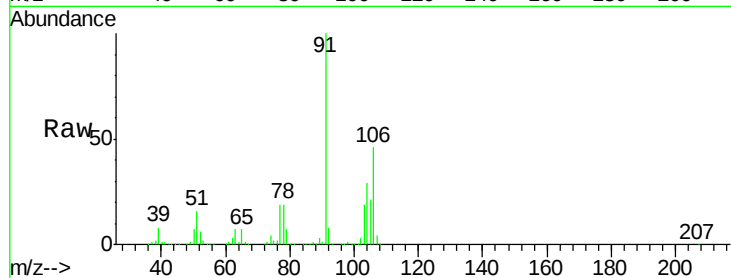




#69
o-Xylene
Concen: 52.265 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

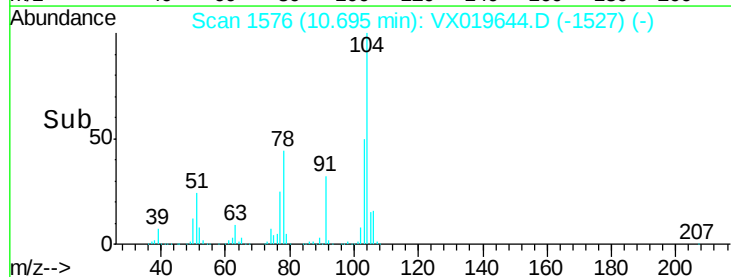
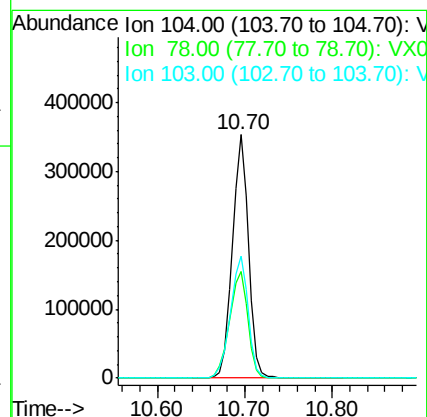
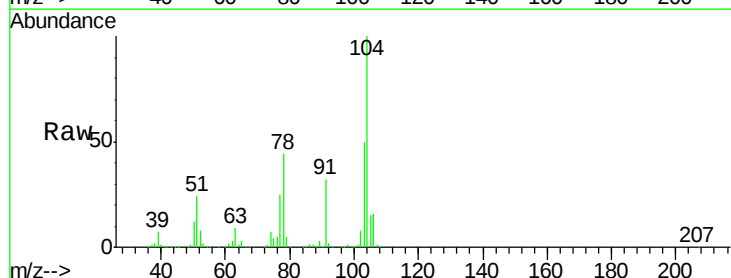
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

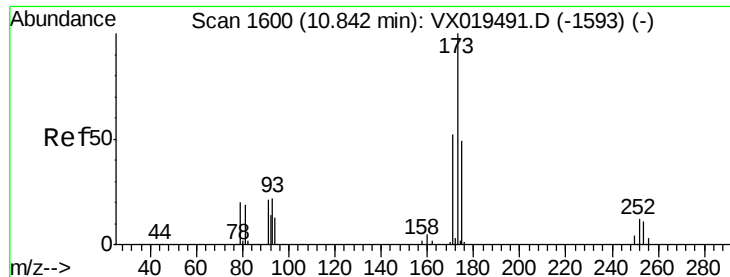
Tot Ion:106 Resp: 270126
Ion Ratio Lower Upper
106 100
91 217.1 108.0 324.0



#70
Styrene
Concen: 47.172 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion:104 Resp: 450375
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 54.8 43.6 65.4





#71

Bromoform

Concen: 46.059 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

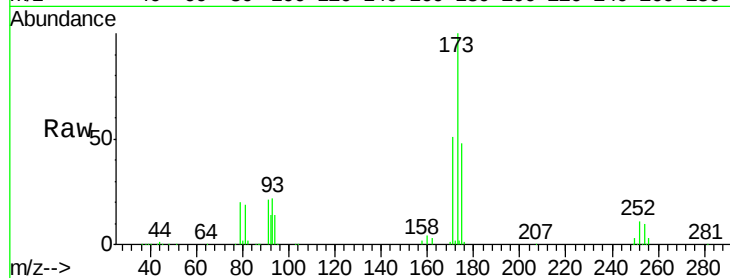
Tot Ion:173 Resp: 116785

Ion Ratio Lower Upper

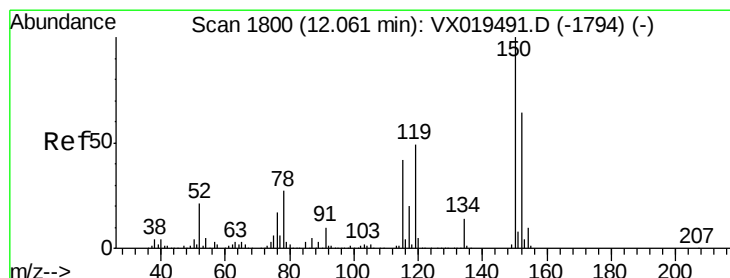
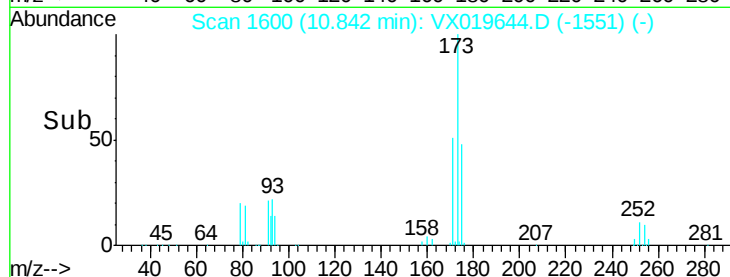
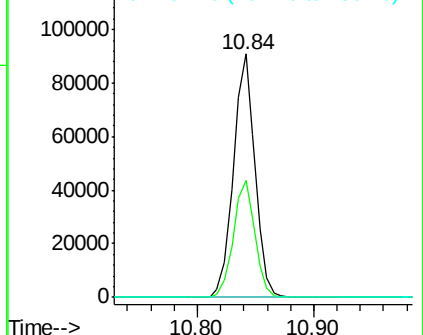
173 100

175 48.0 24.9 74.8

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

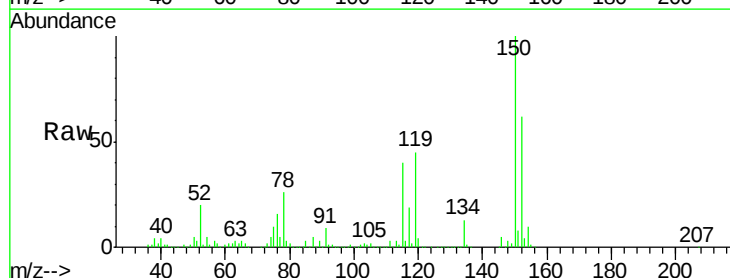
Tgt Ion:152 Resp: 193474

Ion Ratio Lower Upper

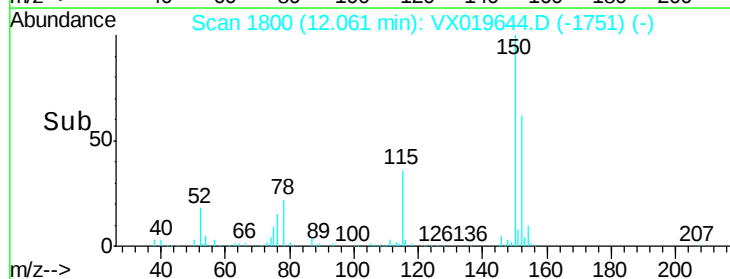
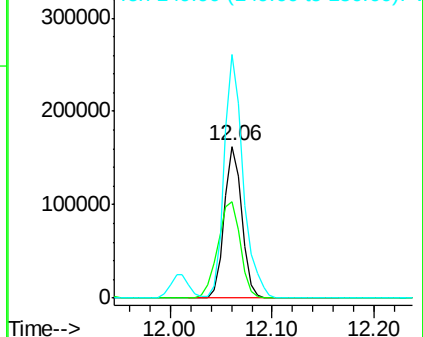
152 100

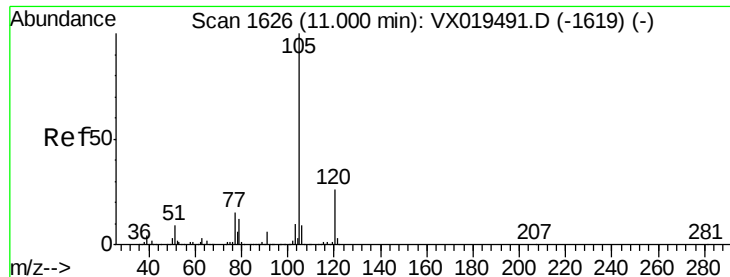
115 82.7 41.8 125.4

150 174.4 0.0 348.2



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: 53.419 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

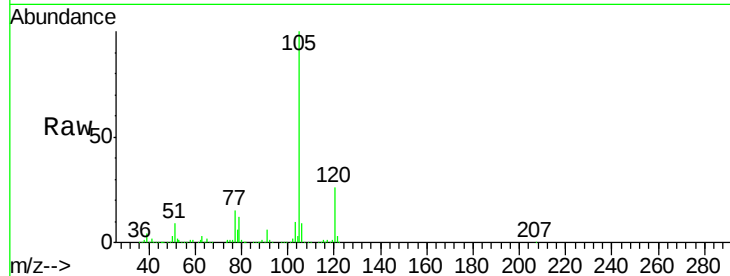
GR-OF-20201119MSD

Tot Ion:105 Resp: 714973

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

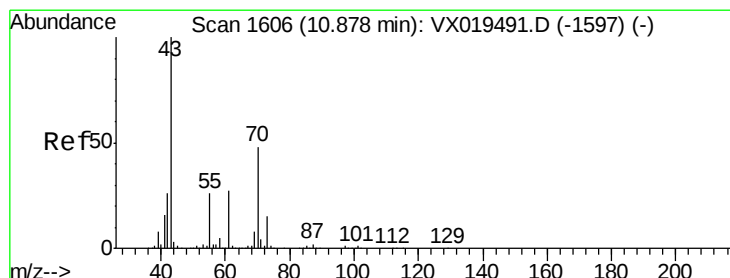
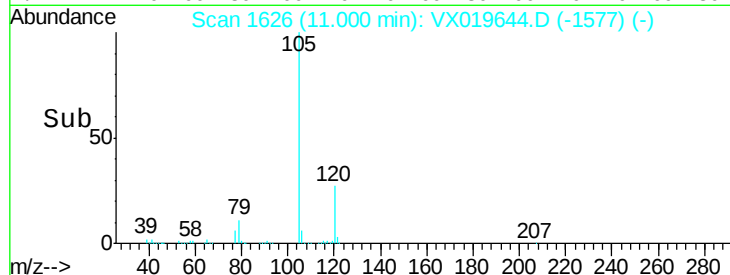
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 48.134 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Tgt Ion: 43 Resp: 241406

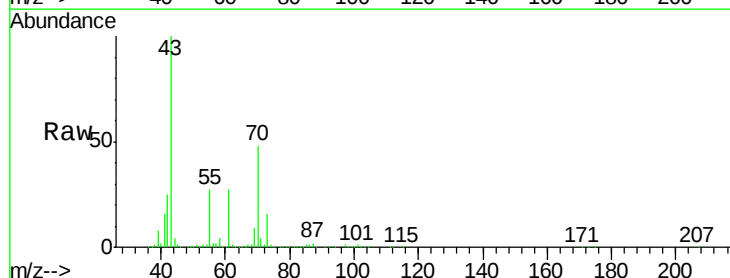
Ion Ratio Lower Upper

43 100

70 49.9 39.7 59.5

55 27.1 21.8 32.6

61 27.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

300000

250000

200000

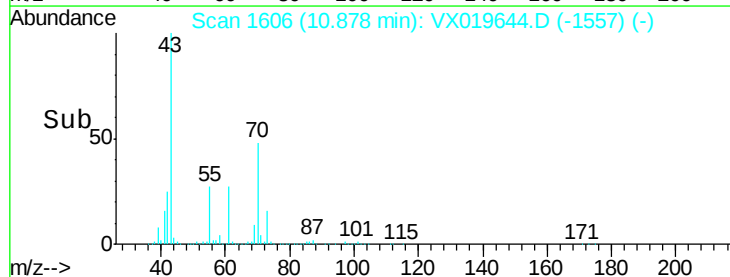
150000

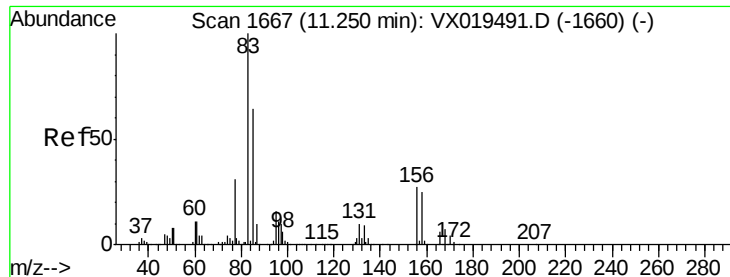
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.114 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

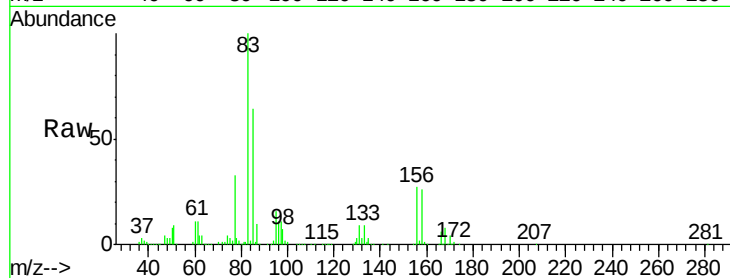
Tot Ion: 83 Resp: 244647

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

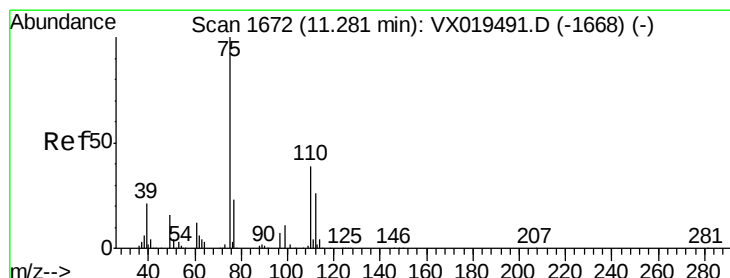
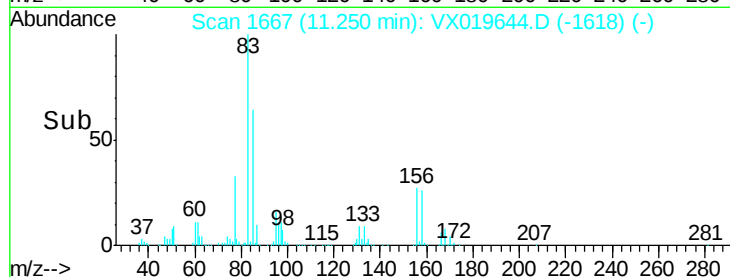
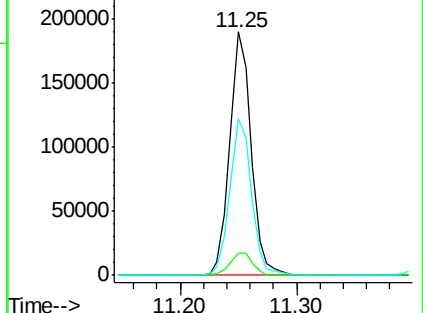
85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.896 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019644.D

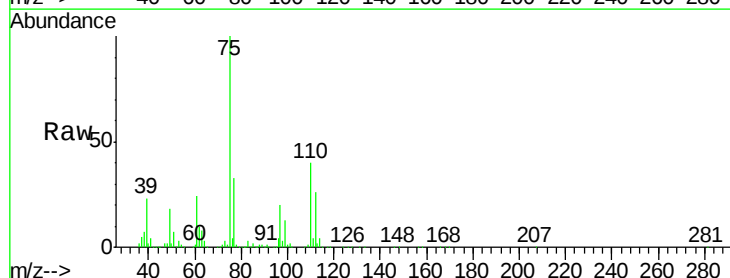
Acq: 25 Nov 2020 07:01

Tgt Ion: 75 Resp: 265562

Ion Ratio Lower Upper

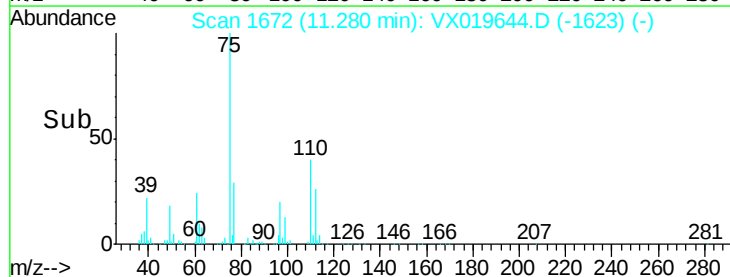
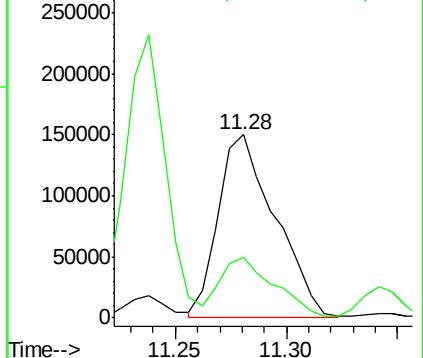
75 100

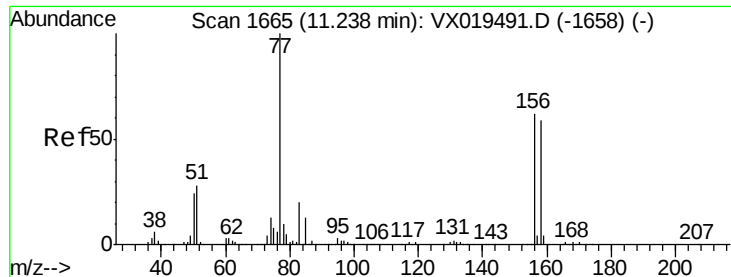
77 31.6 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.032 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

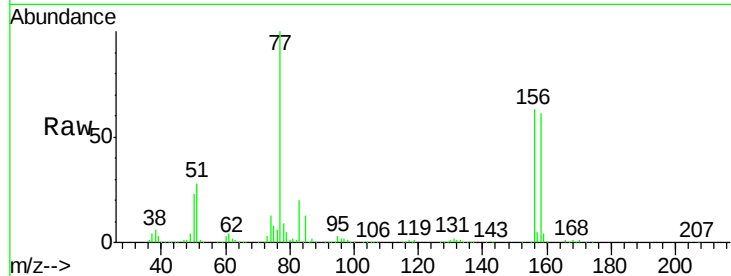
Tot Ion:156 Resp: 177781

Ion Ratio Lower Upper

156 100

77 165.2 82.5 247.3

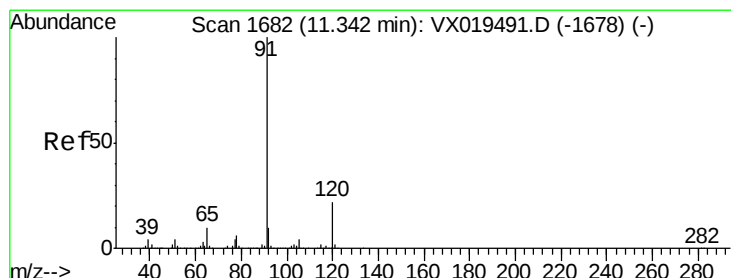
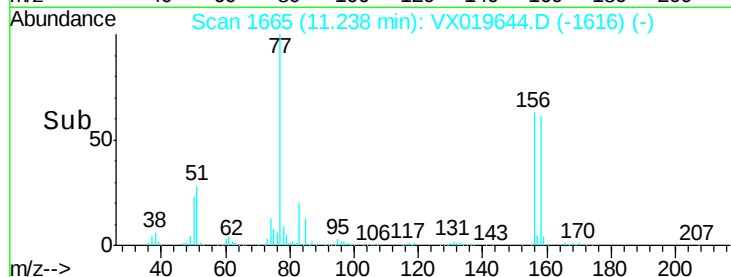
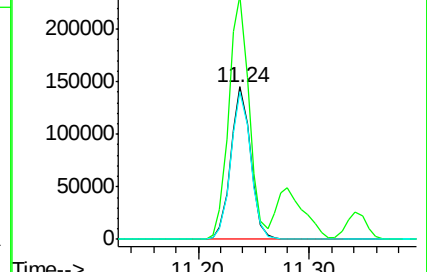
158 97.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.185 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019644.D

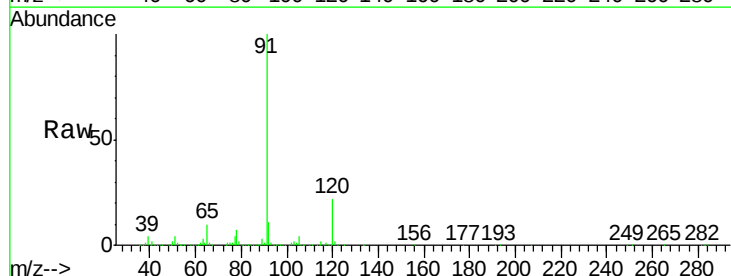
Acq: 25 Nov 2020 07:01

Tgt Ion: 91 Resp: 801257

Ion Ratio Lower Upper

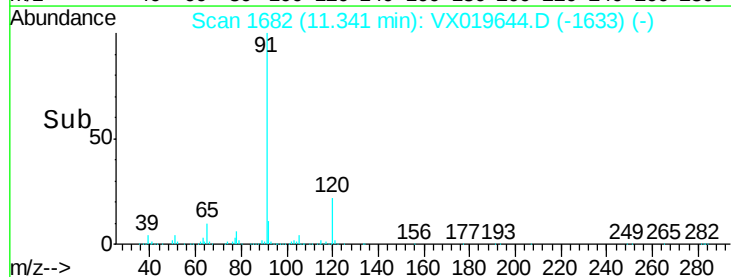
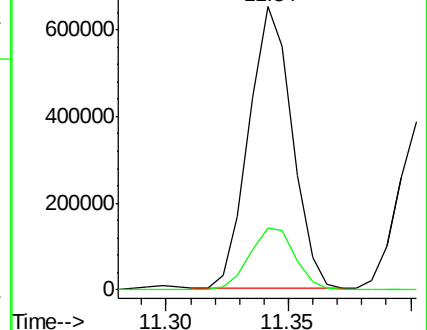
91 100

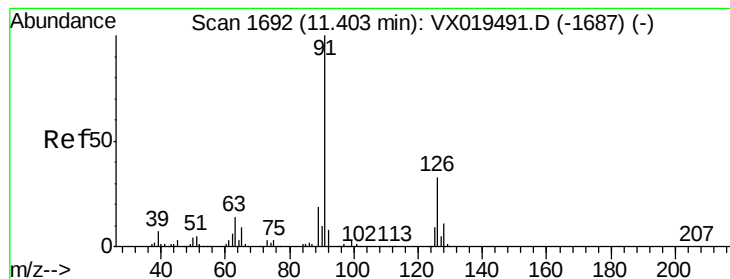
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.091 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

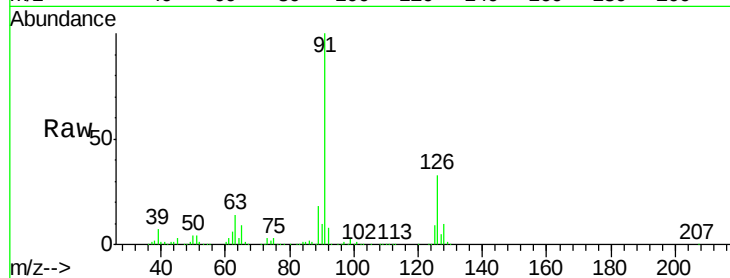
GR-OF-20201119MSD

Tot Ion: 91 Resp: 485058

Ion Ratio Lower Upper

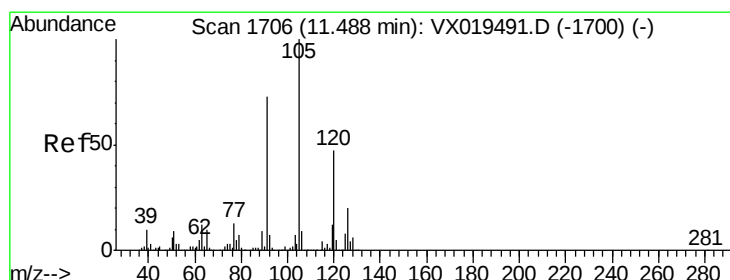
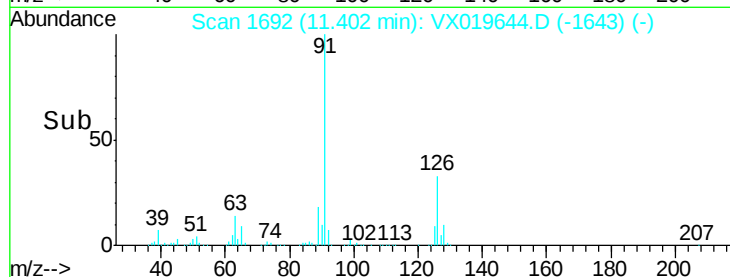
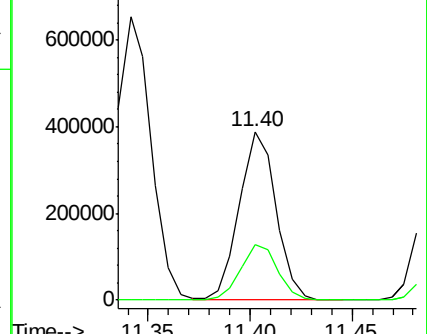
91 100

126 33.4 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.154 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019644.D

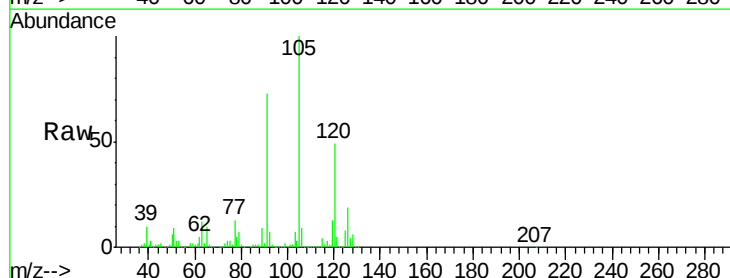
Acq: 25 Nov 2020 07:01

Tgt Ion: 105 Resp: 596788

Ion Ratio Lower Upper

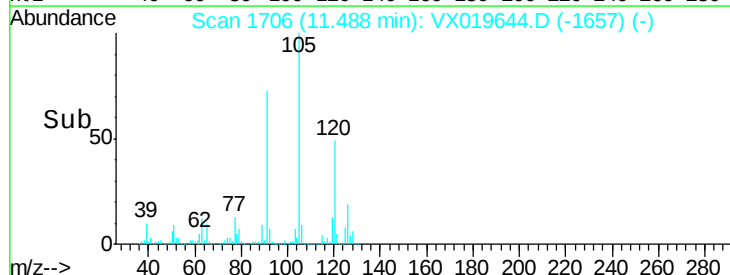
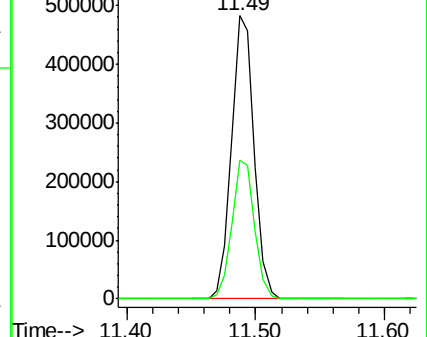
105 100

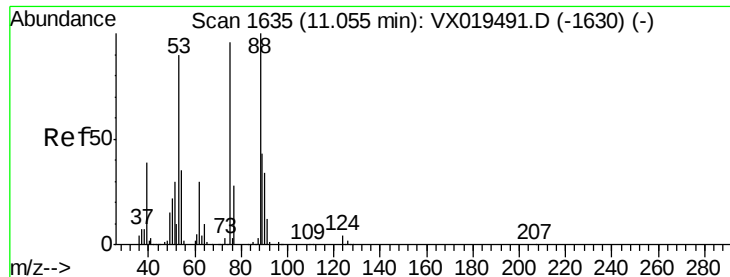
120 48.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.337 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

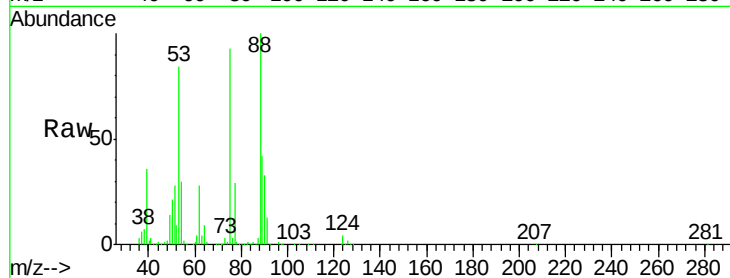
Tot Ion: 75 Resp: 68492

Ion Ratio Lower Upper

75 100

53 95.6 73.9 110.9

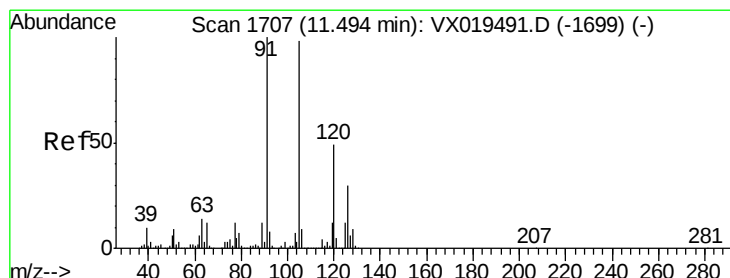
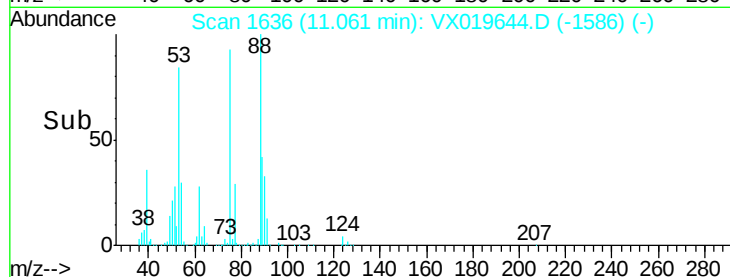
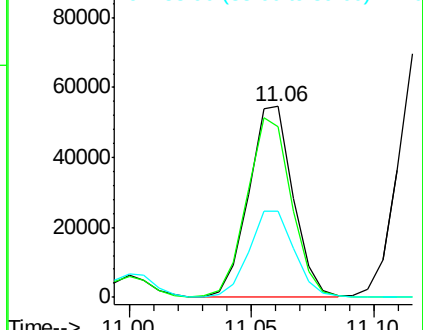
89 46.6 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.677 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019644.D

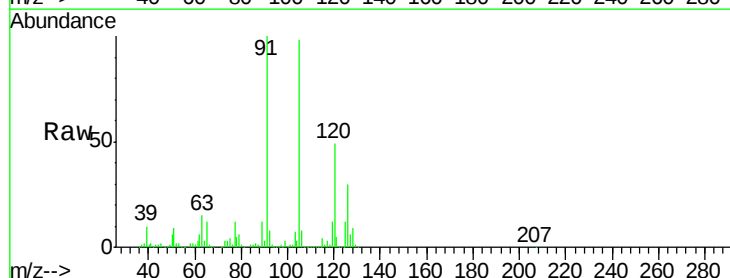
Acq: 25 Nov 2020 07:01

Tgt Ion: 91 Resp: 566470

Ion Ratio Lower Upper

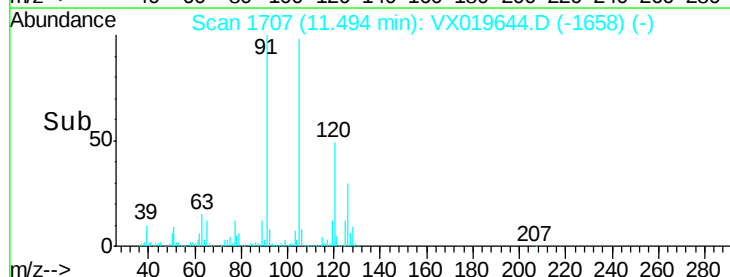
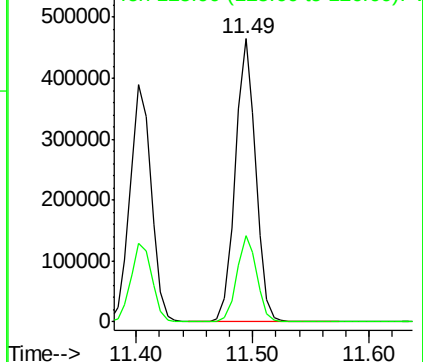
91 100

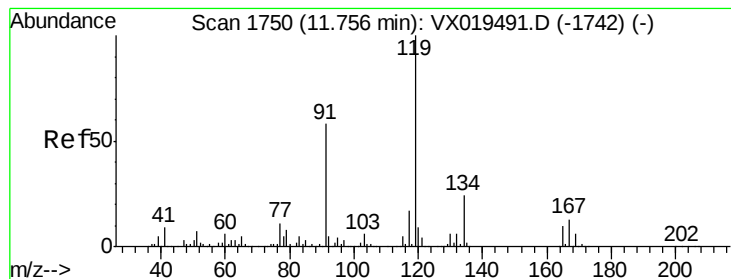
126 30.0 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.882 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019644.D

Acq: 25 Nov 2020 07:01

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MSD

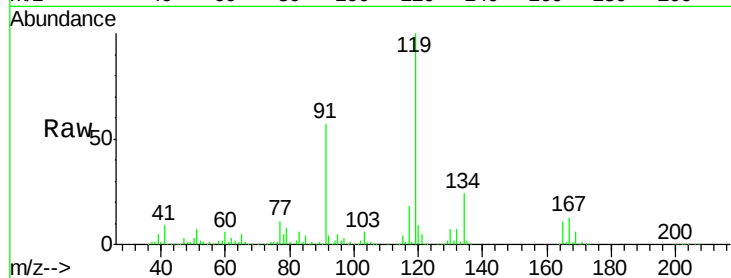
Tot Ion:119 Resp: 585280

Ion Ratio Lower Upper

119 100

91 56.4 28.9 86.8

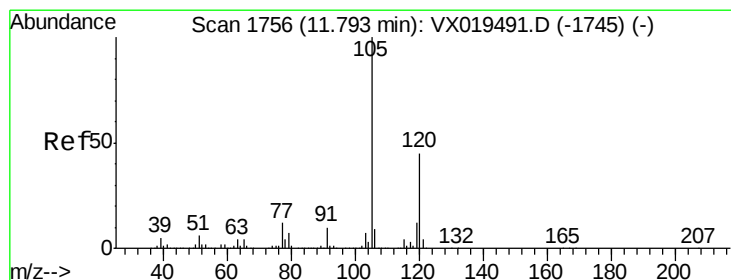
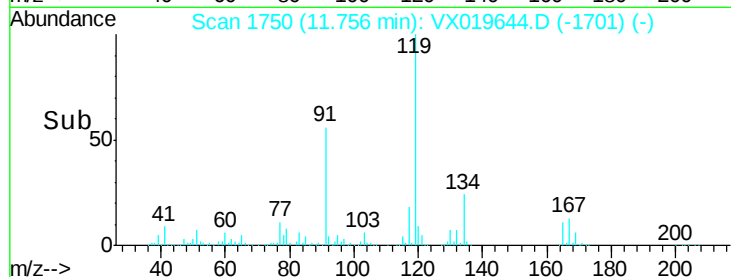
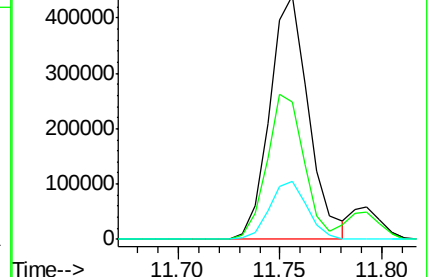
134 23.0 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.401 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019644.D

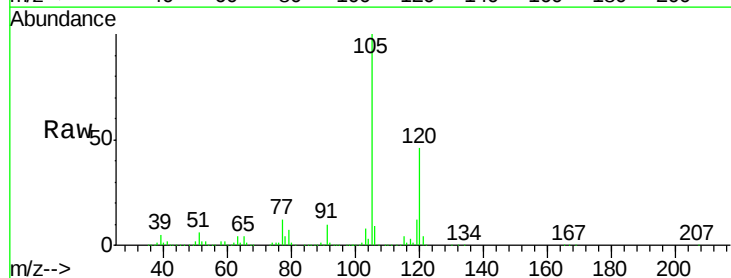
Acq: 25 Nov 2020 07:01

Tgt Ion:105 Resp: 606652

Ion Ratio Lower Upper

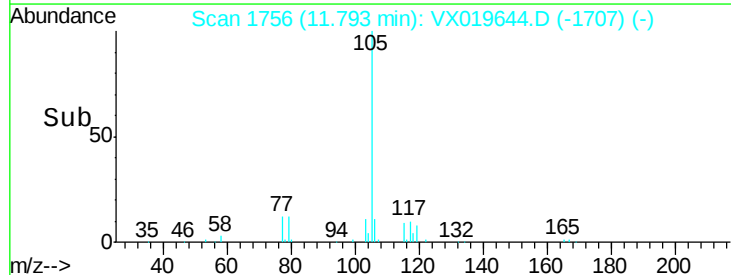
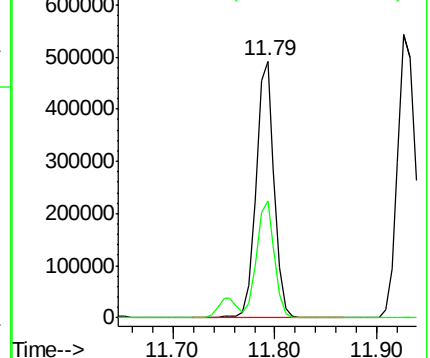
105 100

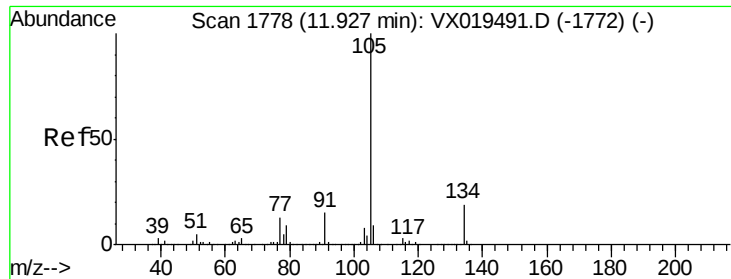
120 44.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

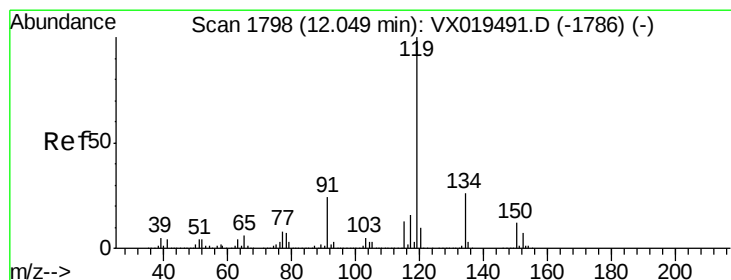
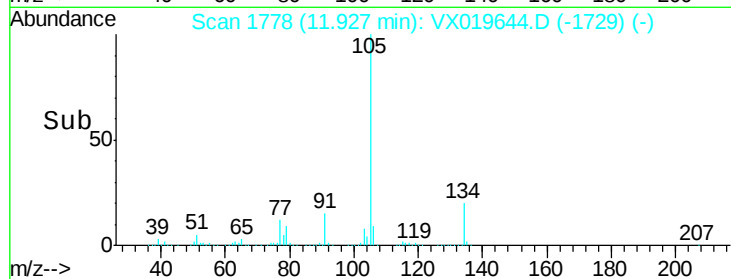
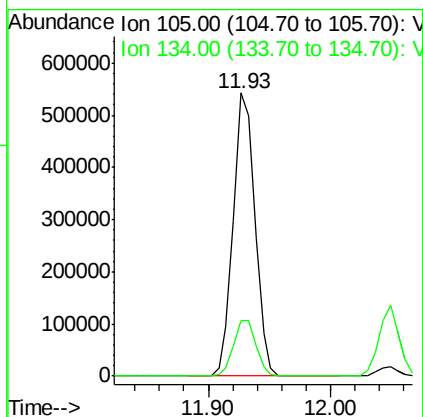
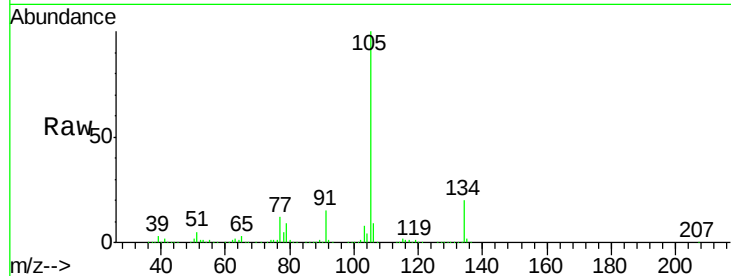




#85
 sec-Butylbenzene
 Concen: 51.410 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

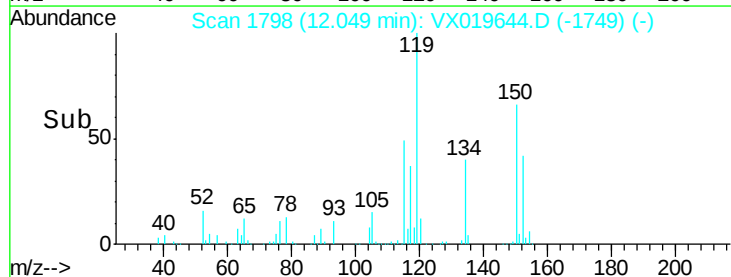
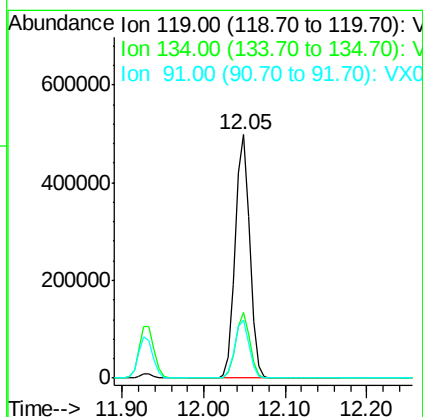
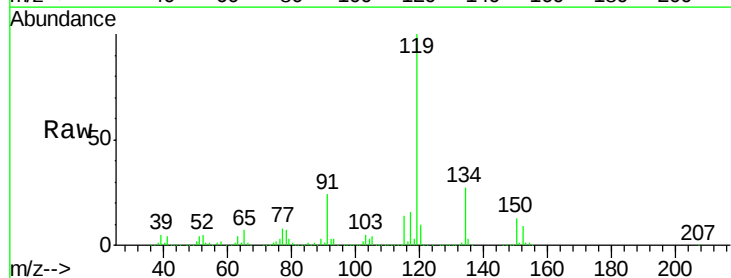
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

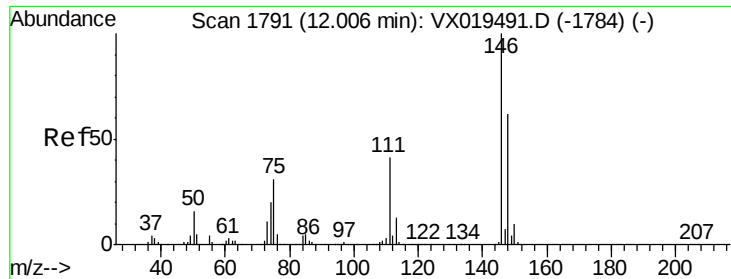
Tot Ion:105 Resp: 664337
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.112 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion:119 Resp: 599673
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.8 11.8 35.4

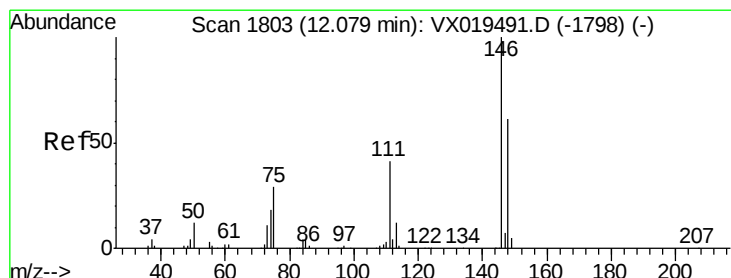
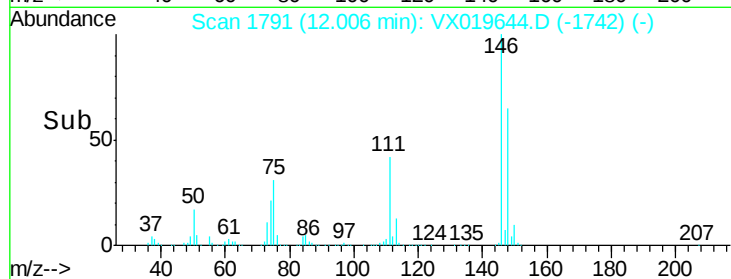
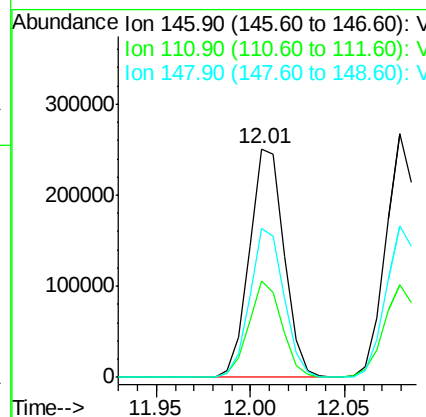
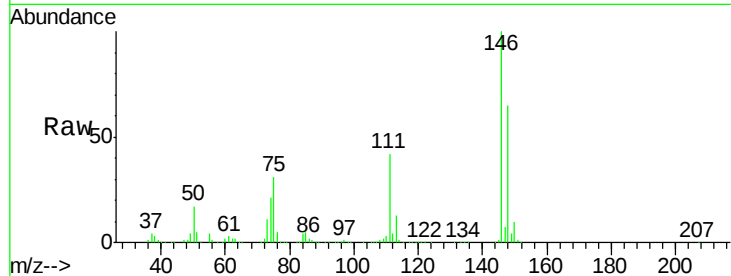




#87
 1,3-Dichlorobenzene
 Concen: 51.016 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

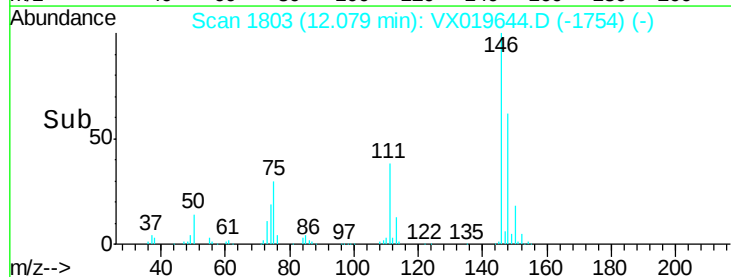
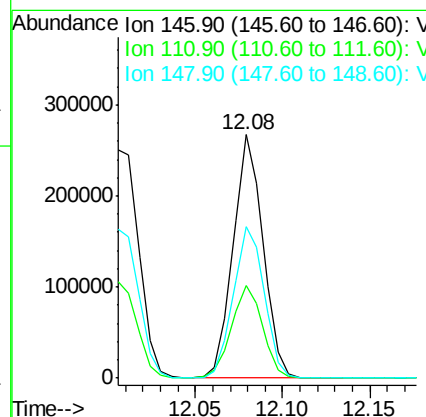
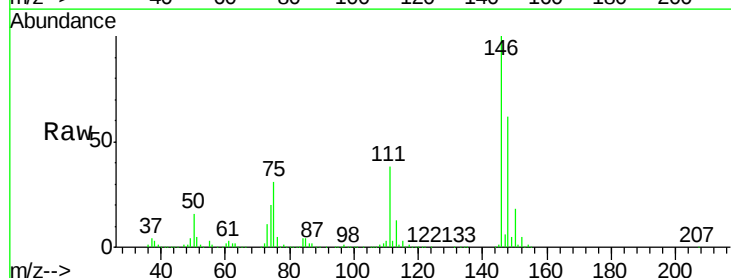
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

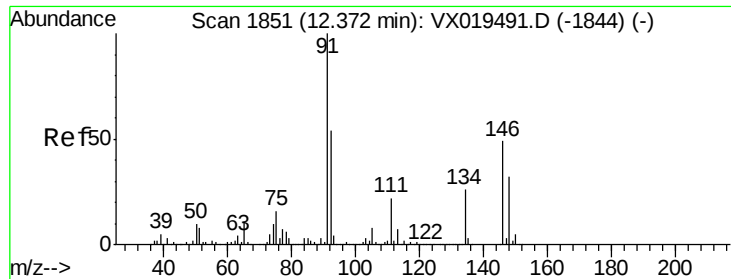
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.6	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.148 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	64.5	31.7	95.1

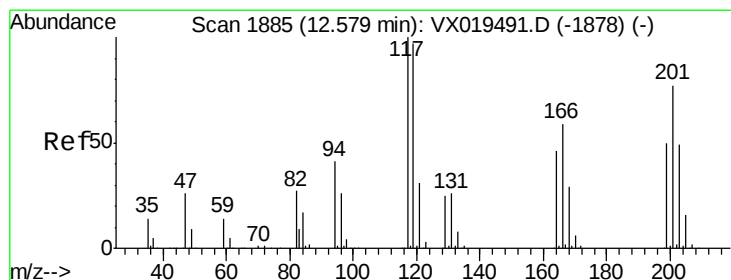
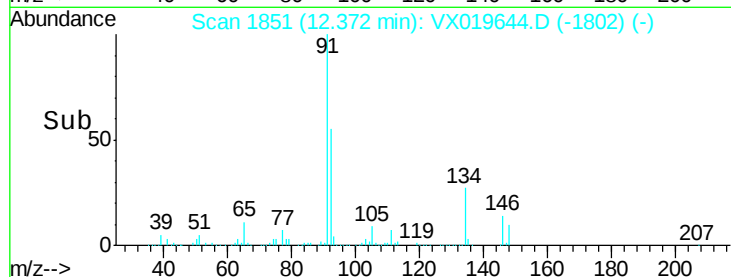
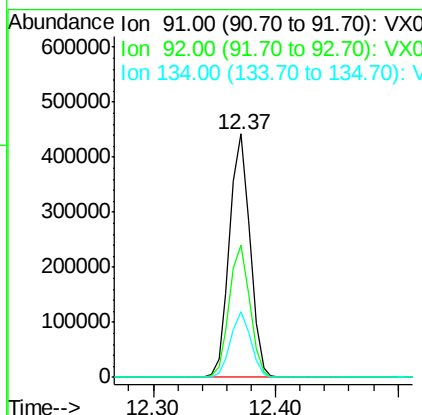
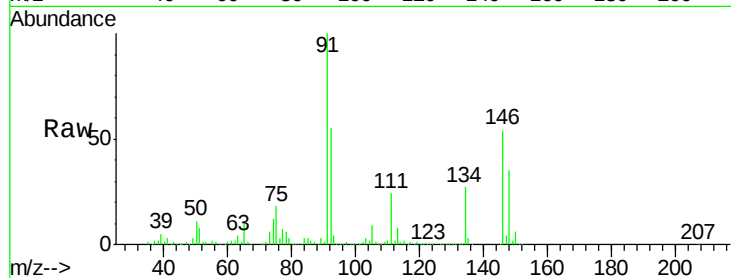




#89
n-Butylbenzene
Concen: 48.092 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

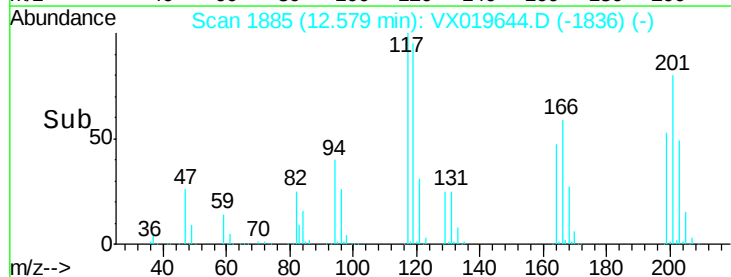
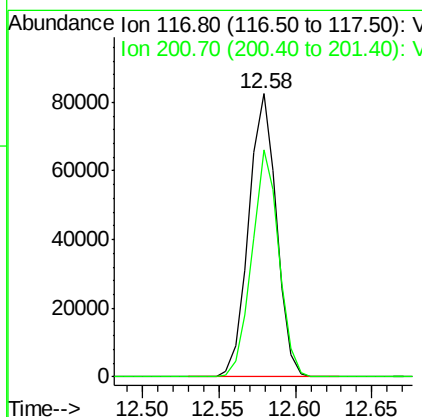
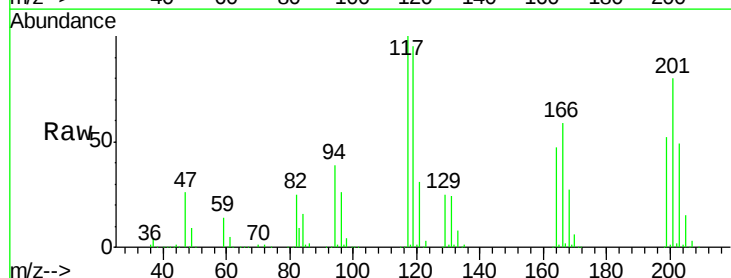
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

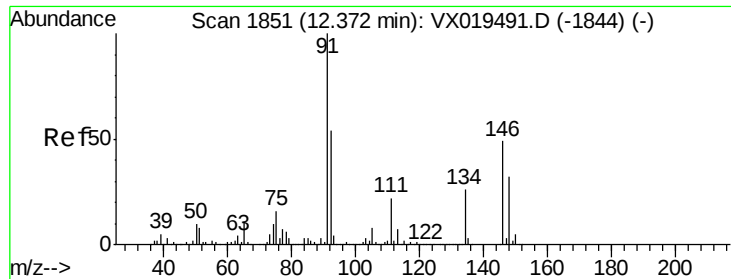
Tot Ion: 91 Resp: 510097
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.6
134 26.4 12.9 38.6



#90
Hexachloroethane
Concen: 52.850 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion: 117 Resp: 103758
Ion Ratio Lower Upper
117 100
201 78.0 39.4 118.2

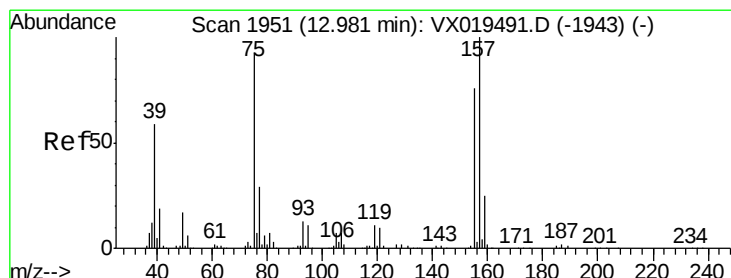
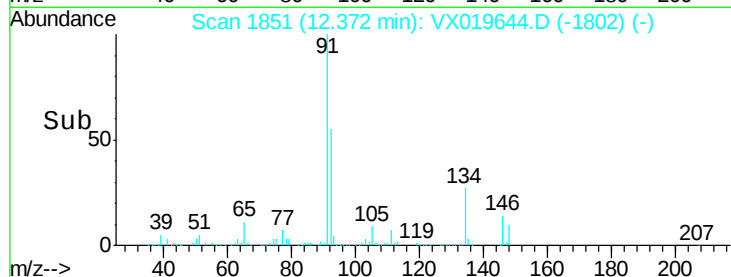
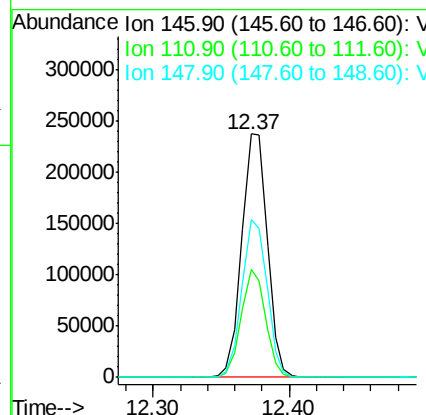
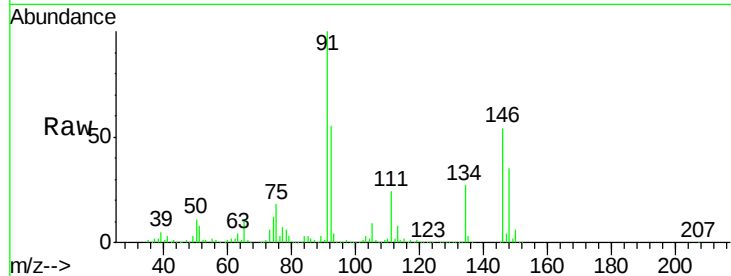




#91
 1,2-Dichlorobenzene
 Concen: 49.398 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

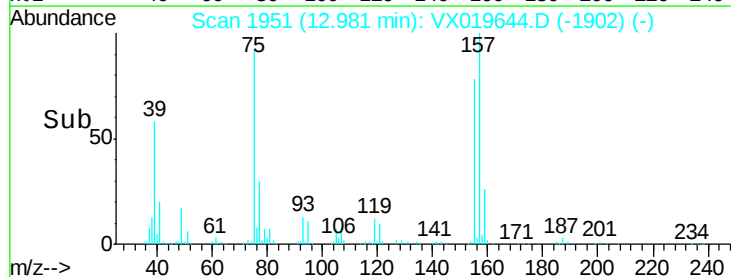
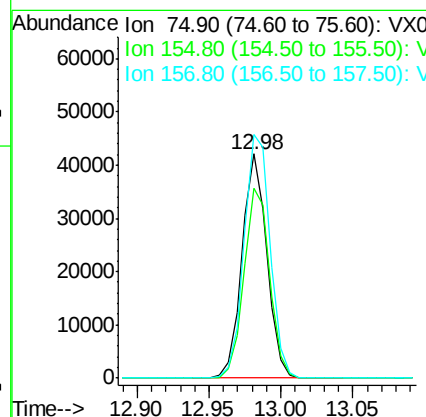
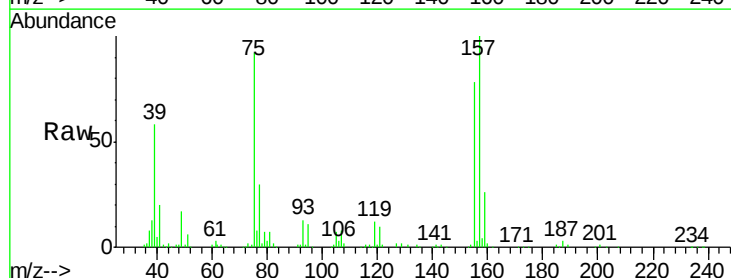
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

Tot Ion:146 Resp: 311320
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.3
 148 64.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.792 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion: 75 Resp: 50572
 Ion Ratio Lower Upper
 75 100
 155 86.7 43.6 130.9
 157 113.4 57.0 170.8

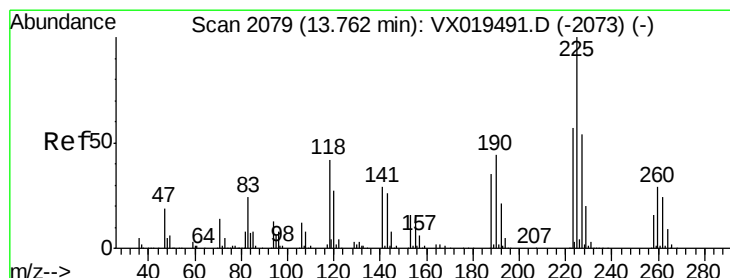
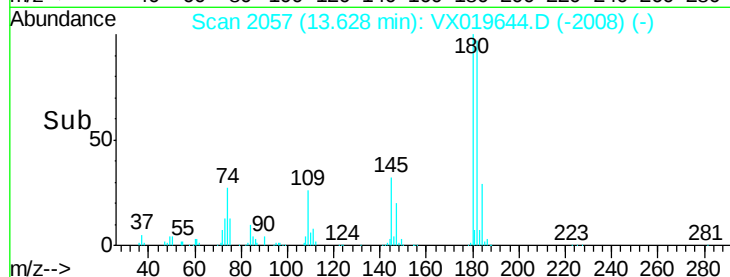
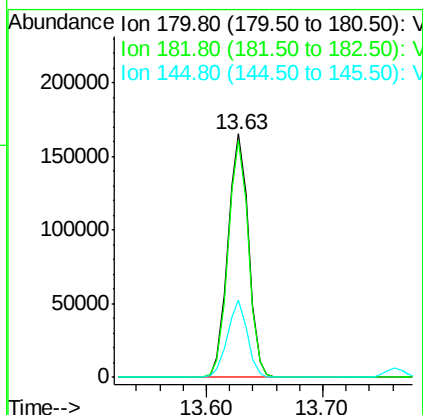
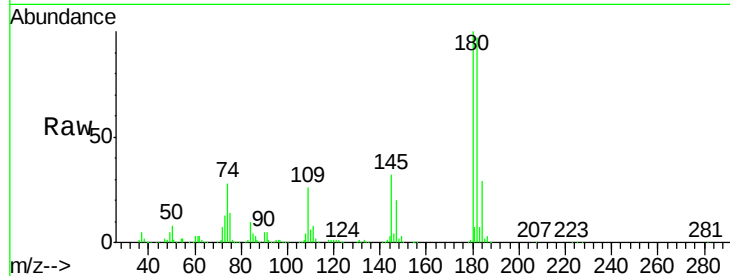




#93
 1,2,4-Trichlorobenzene
 Concen: 50.066 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

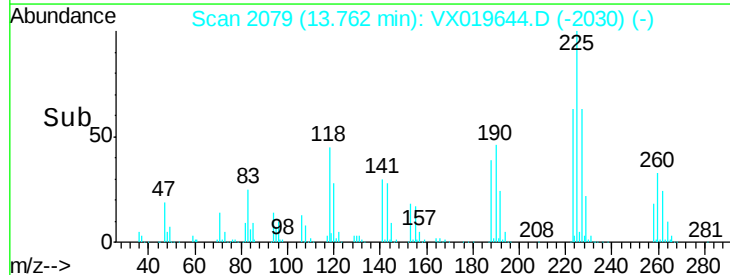
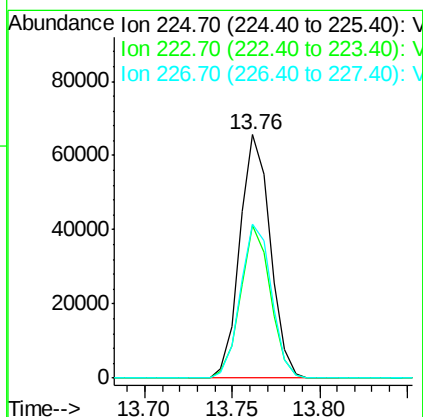
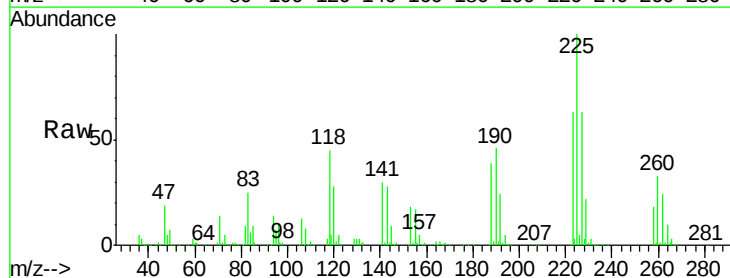
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MSD

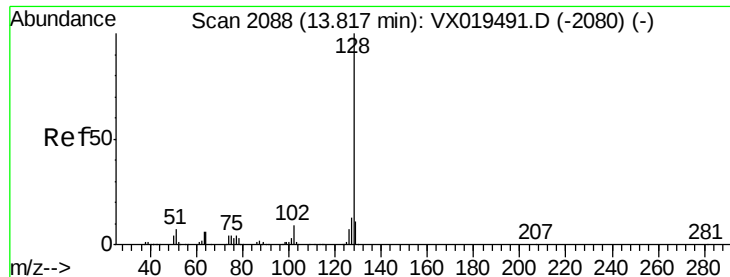
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.6	145.9
145	30.5	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 43.045 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019644.D
 Acq: 25 Nov 2020 07:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.5	97.5
227	64.5	32.8	98.3

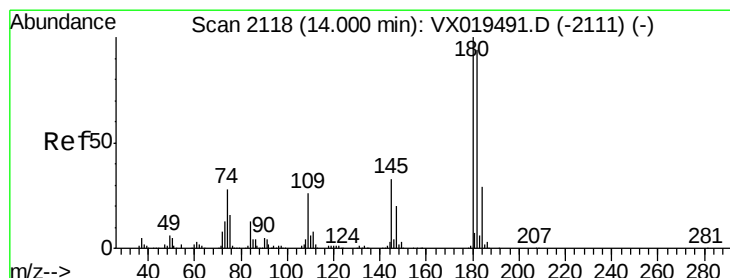
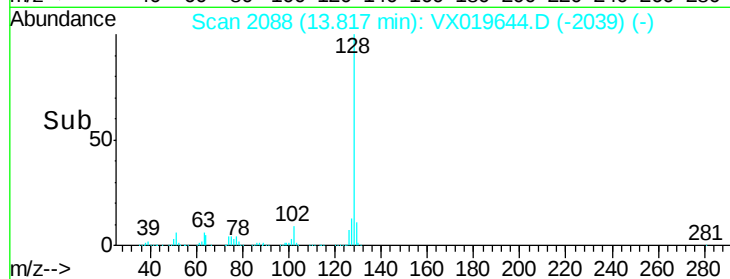
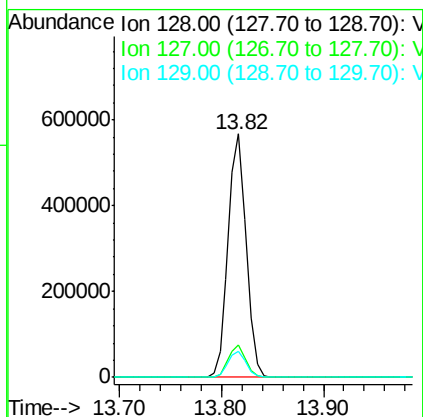
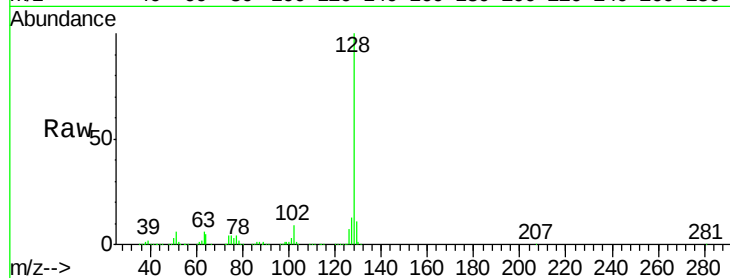




#95
Naphthalene
Concen: 48.518 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MSD

Tot Ion:128 Resp: 691427
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.569 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019644.D
Acq: 25 Nov 2020 07:01

Tgt Ion:180 Resp: 204662
Ion Ratio Lower Upper
180 100
182 95.1 48.1 144.3
145 32.6 16.6 49.8

