

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019643.D
 Acq On : 25 Nov 2020 06:37
 Operator : JC/MD
 Sample : L4835-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Quant Time: Nov 25 07:48:05 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	5.63	168	255155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168617	50.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.94%
35) Dibromofluoromethane	5.46	113	136203	49.65	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.30%
50) Toluene-d8	8.70	98	529520	49.67	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.34%
62) 4-Bromofluorobenzene	11.12	95	193187	50.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122987	49.566	ug/l	99
3) Chloromethane	1.31	50	140829	49.461	ug/l	99
4) Vinyl Chloride	1.39	62	151663	49.482	ug/l	99
5) Bromomethane	1.62	94	54780	47.186	ug/l	98
6) Chloroethane	1.69	64	80311	112.880	ug/l	98
7) Trichlorofluoromethane	1.90	101	213765	48.321	ug/l	98
8) Diethyl Ether	2.17	74	90192	50.907	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	118796	48.134	ug/l	99
10) Methyl Iodide	2.48	142	165519	51.050	ug/l	98
11) Tert butyl alcohol	3.04	59	158953	253.879	ug/l	100
12) 1,1-Dichloroethene	2.35	96	122002	48.162	ug/l	96
13) Acrolein	2.28	56	84581	200.972	ug/l	99
14) Allyl chloride	2.70	41	191770	48.325	ug/l	99
15) Acrylonitrile	3.12	53	390087	264.187	ug/l	99
16) Acetone	2.42	43	309566	241.966	ug/l	100
17) Carbon Disulfide	2.54	76	304531	44.749	ug/l	100
18) Methyl Acetate	2.75	43	141140	45.057	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	466355	53.335	ug/l	100
20) Methylene Chloride	2.83	84	156404	48.912	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	142467	49.639	ug/l	97
22) Diisopropyl ether	3.82	45	433066	52.753	ug/l	98
23) Vinyl Acetate	3.78	43	1614126	234.410	ug/l	100
24) 1,1-Dichloroethane	3.67	63	257136	51.209	ug/l	100
25) 2-Butanone	4.63	43	492104	256.055	ug/l	100
26) 2,2-Dichloropropane	4.55	77	162247	37.019	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	172230	52.242	ug/l	98
28) Bromochloromethane	4.98	49	114188	47.565	ug/l	99
29) Tetrahydrofuran	5.09	42	316863	258.401	ug/l	100
30) Chloroform	5.18	83	273915	52.169	ug/l	99
31) Cyclohexane	5.54	56	213416	49.599	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	234571	52.009	ug/l	99
36) 1,1-Dichloropropene	5.76	75	196870	48.047	ug/l	99
37) Ethyl Acetate	4.79	43	173788	45.179	ug/l	99
38) Carbon Tetrachloride	5.75	117	194887	49.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	215382	45.145	ug/l	100
40) Benzene	6.11	78	620469	49.285	ug/l	100
41) Methacrylonitrile	5.01	41	106205	50.068	ug/l	97
42) 1,2-Dichloroethane	6.16	62	215227	49.878	ug/l	100
43) Isopropyl Acetate	6.41	43	300523	46.476	ug/l	100
44) Trichloroethene	7.19	130	159291	48.305	ug/l	96
45) 1,2-Dichloropropane	7.49	63	156424	50.471	ug/l	99
46) Dibromomethane	7.63	93	107412	50.637	ug/l	99
47) Bromodichloromethane	7.87	83	213335	51.829	ug/l	98
48) Methyl methacrylate	7.74	41	159264	52.592	ug/l	99
49) 1,4-Dioxane	7.72	88	71417	1038.663	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	989964	262.545	ug/l	100
52) Toluene	8.76	92	398119	51.693	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	222341	50.016	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	241826	49.019	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	162322	51.752	ug/l	98
56) Ethyl methacrylate	9.16	69	240149	54.109	ug/l	100
57) 1,3-Dichloropropane	9.35	76	272721	51.934	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.24	63	663	0.255	ug/l #	45
59) 2-Hexanone	9.48	43	734274	256.762	ug/l	99
60) Dibromochloromethane	9.56	129	162644	52.940	ug/l	100
61) 1,2-Dibromoethane	9.65	107	168712	52.183	ug/l	98
64) Tetrachloroethene	9.32	164	133080	41.479	ug/l	97
65) Chlorobenzene	10.12	112	413392	49.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155454	50.927	ug/l	97
67) Ethyl Benzene	10.23	91	745826	50.731	ug/l	100
68) m/p-Xylenes	10.34	106	557423	101.771	ug/l	99
69) o-Xylene	10.68	106	268964	51.370	ug/l	100
70) Styrene	10.69	104	448955	46.444	ug/l	100
71) Bromoform	10.84	173	114882	44.829	ug/l #	97
73) Isopropylbenzene	11.00	105	710598	53.450	ug/l	100
74) N-amyl acetate	10.88	43	243367	48.852	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	244598	51.448	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	265604	63.329	ug/l	87
77) Bromobenzene	11.24	156	177207	52.213	ug/l	100
78) n-propylbenzene	11.34	91	786157	51.546	ug/l	99
79) 2-Chlorotoluene	11.40	91	484443	52.375	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	587802	52.705	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	67608	44.086	ug/l	97
82) 4-Chlorotoluene	11.49	91	564402	51.834	ug/l	99
83) tert-Butylbenzene	11.76	119	580822	53.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	596992	52.905	ug/l	100
85) sec-Butylbenzene	11.93	105	652042	50.798	ug/l	100
86) p-Isopropyltoluene	12.05	119	587992	50.454	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	310213	49.770	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	307223	47.852	ug/l	98
89) n-Butylbenzene	12.37	91	490619	46.567	ug/l	99
90) Hexachloroethane	12.58	117	99821	51.187	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	310996	49.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49445	50.978	ug/l	98

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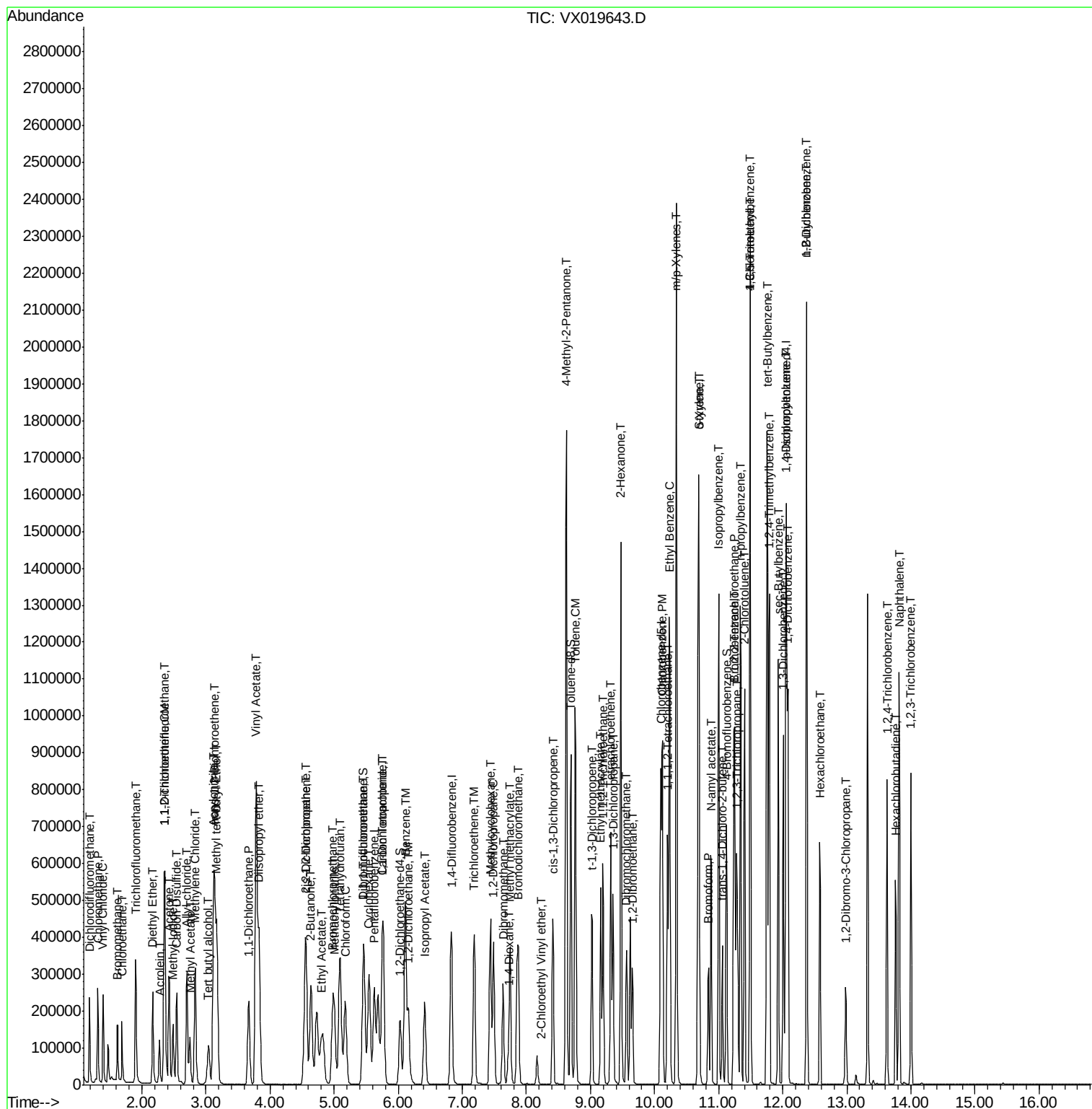
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

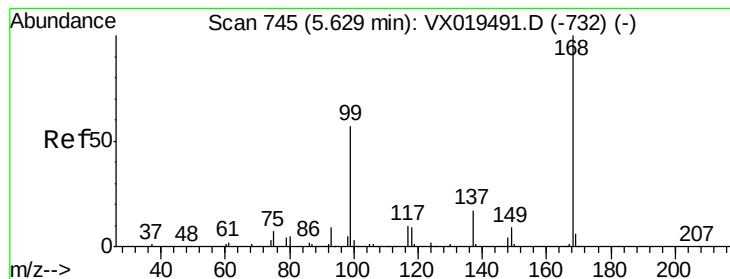
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	193028	48.028	ug/l	97
94) Hexachlorobutadiene	13.76	225	77962	42.582	ug/l	96
95) Naphthalene	13.82	128	675912	47.783	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	202960	50.486	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

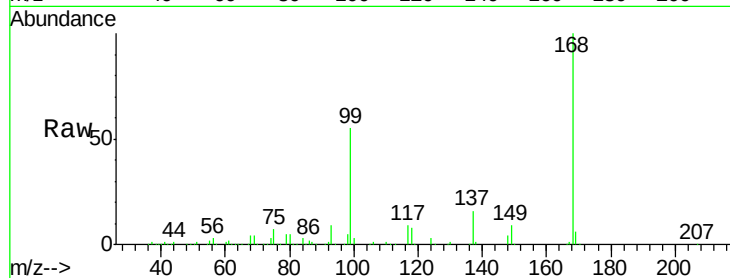
GR-OF-20201119MS

Tot Ion:168 Resp: 255155

Ion Ratio Lower Upper

168 100

99 54.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

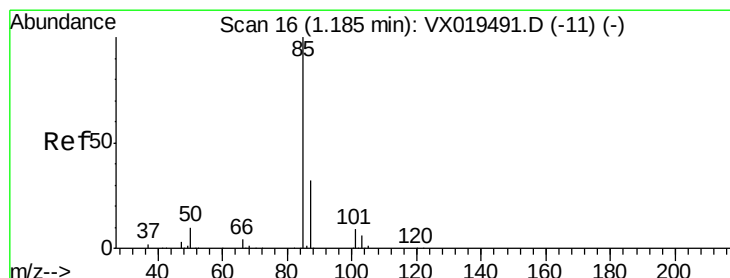
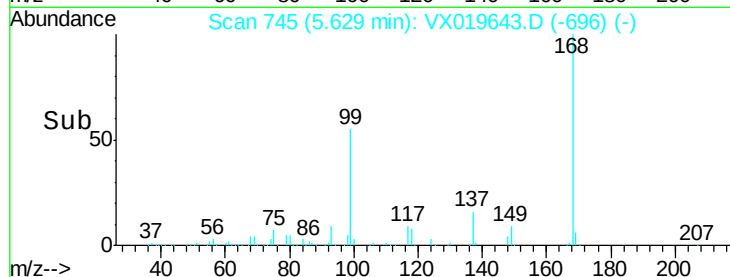
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.566 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019643.D

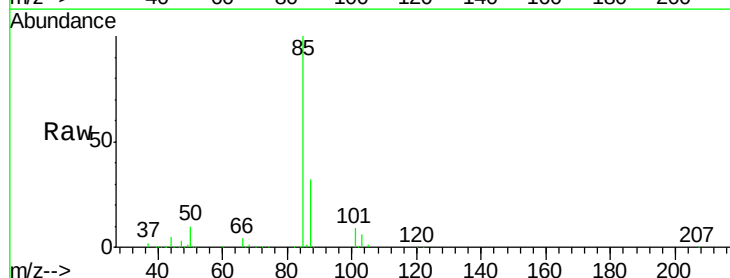
Acq: 25 Nov 2020 06:37

Tgt Ion: 85 Resp: 122987

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

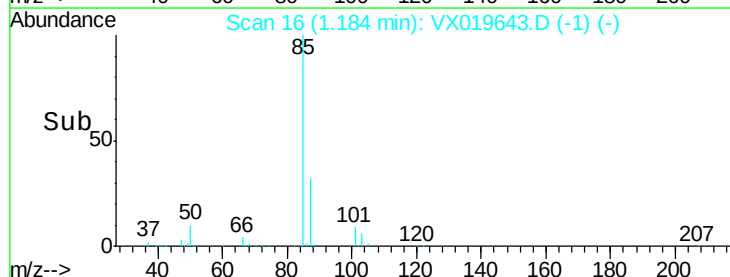
150000

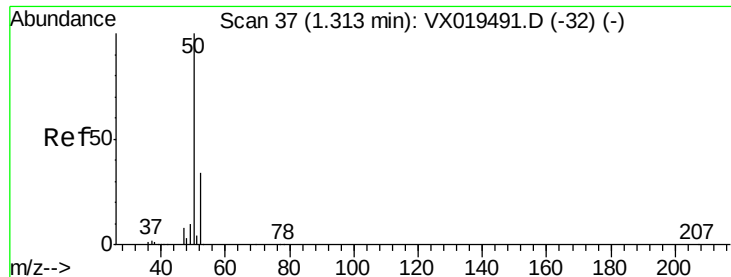
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.461 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

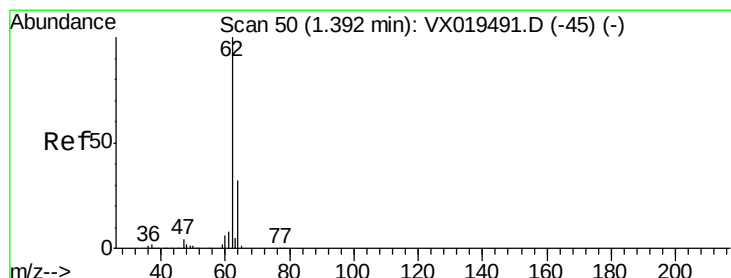
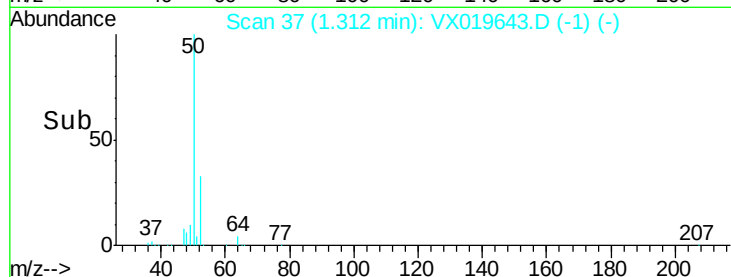
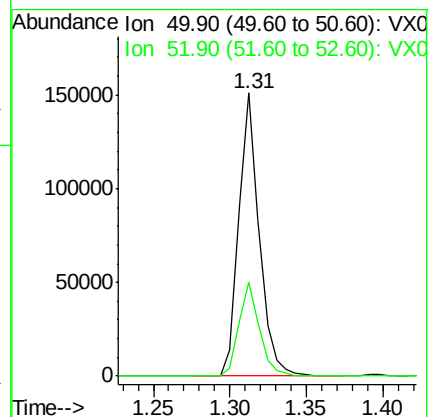
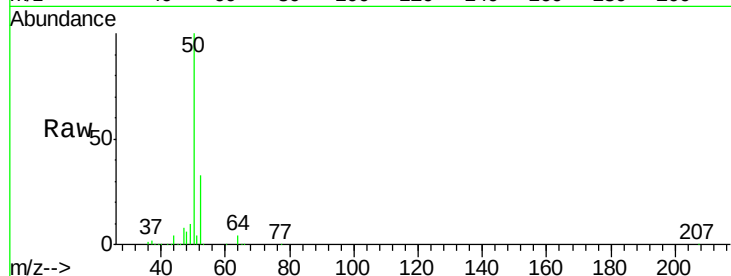
GR-OF-20201119MS

Tot Ion: 50 Resp: 140829

Ion Ratio Lower Upper

50 100

52 33.1 27.0 40.6



#4

Vinyl Chloride

Concen: 49.482 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019643.D

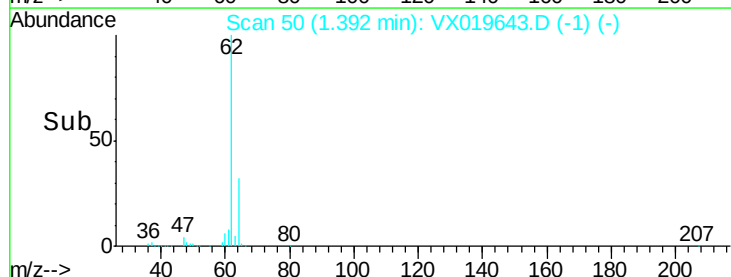
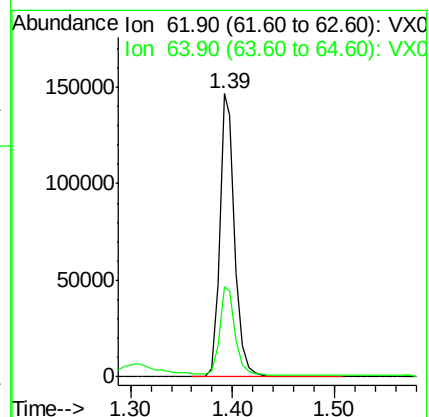
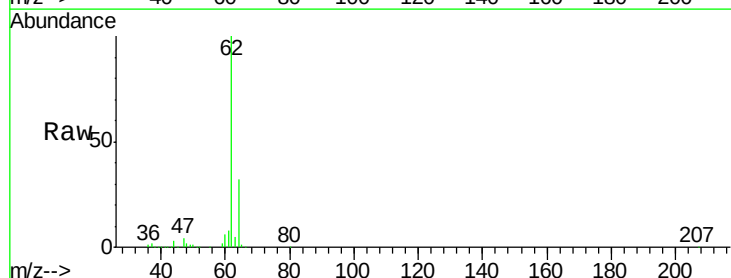
Acq: 25 Nov 2020 06:37

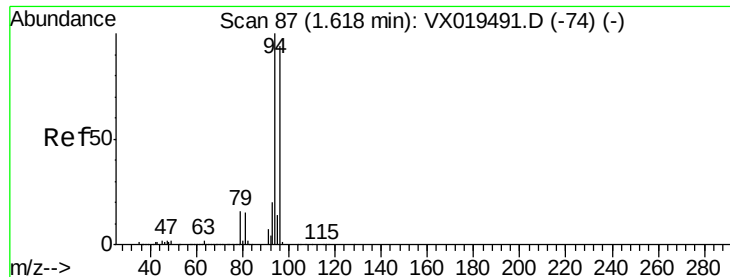
Tgt Ion: 62 Resp: 151663

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 47.186 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

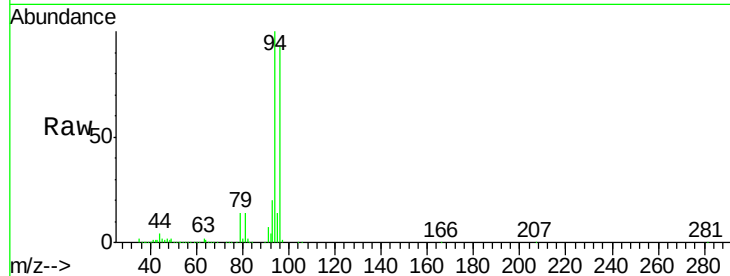
GR-OF-20201119MS

Tot Ion: 94 Resp: 54780

Ion Ratio Lower Upper

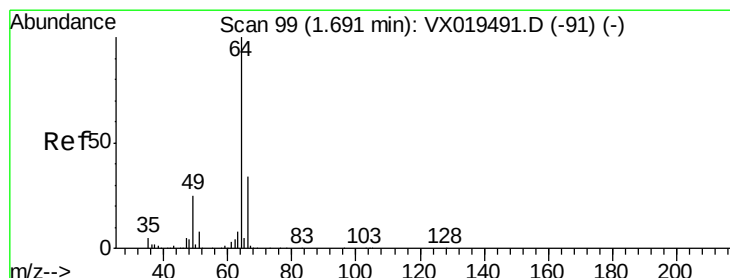
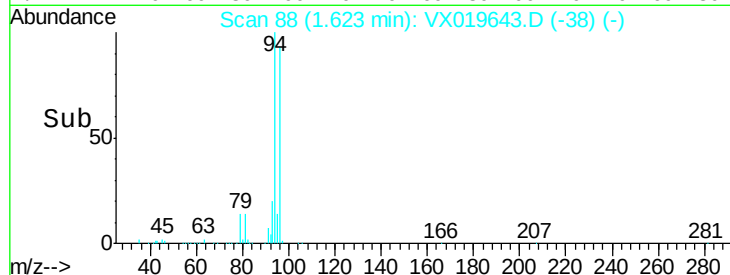
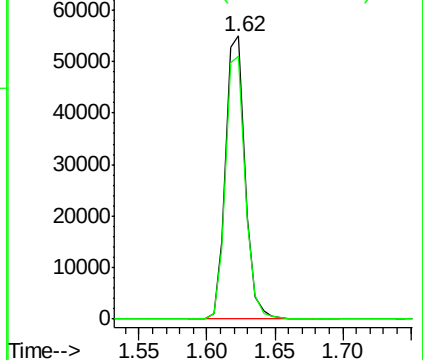
94 100

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: 112.880 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019643.D

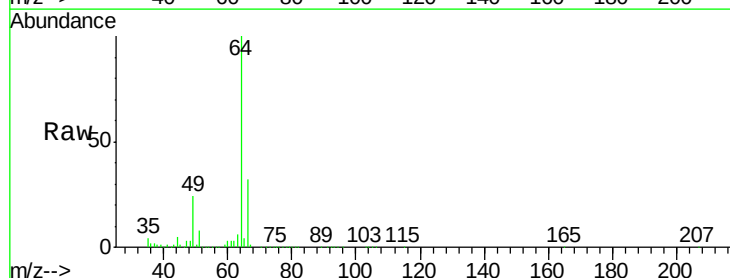
Acq: 25 Nov 2020 06:37

Tgt Ion: 64 Resp: 80311

Ion Ratio Lower Upper

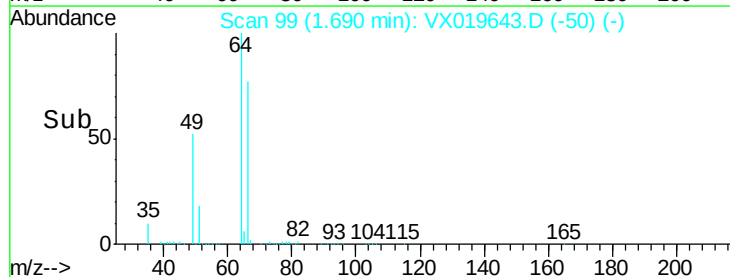
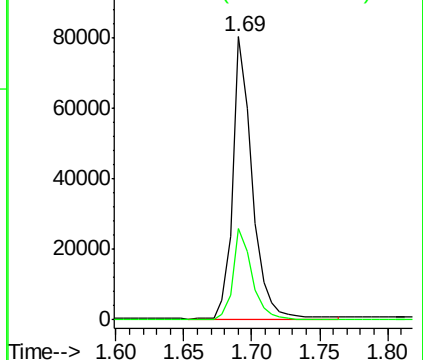
64 100

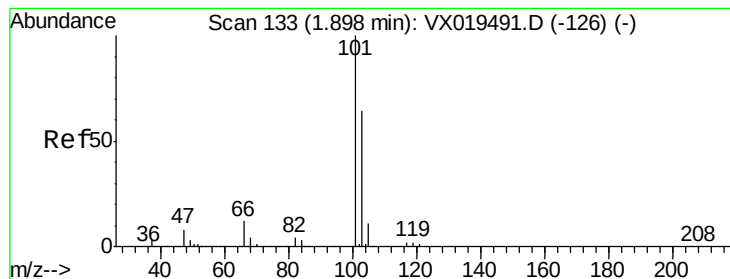
66 32.5 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



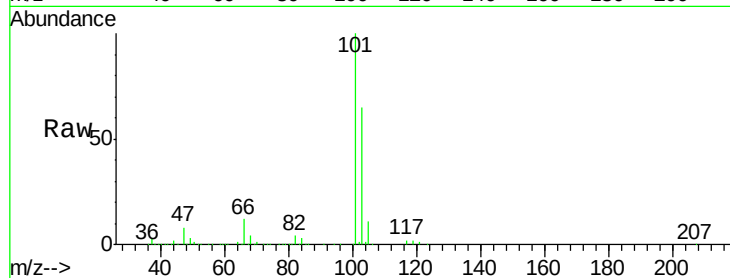


#7

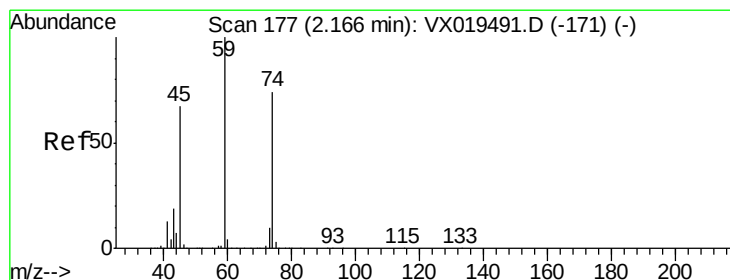
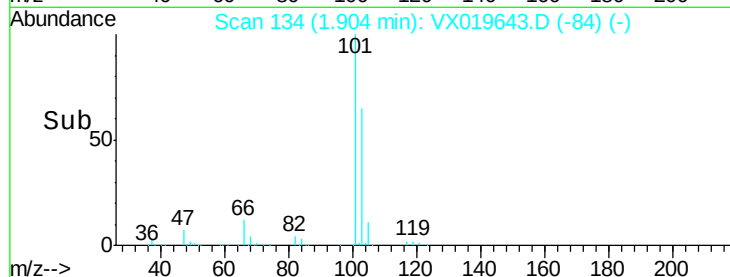
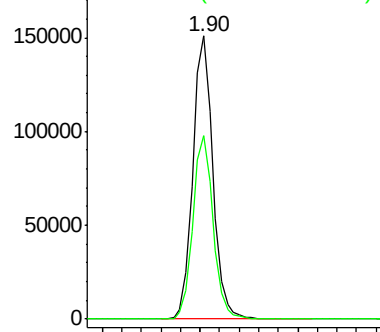
Trichlorofluoromethane
Concen: 48.321 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019643.D
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Tot Ion:101 Resp: 213765
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3



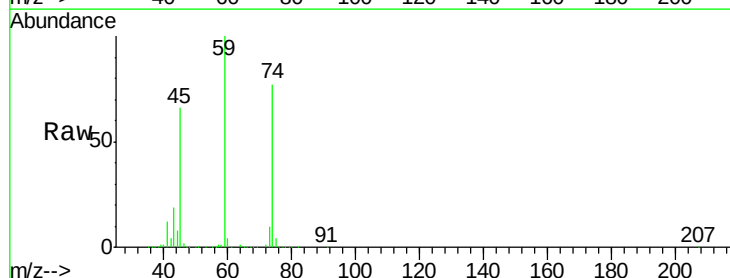
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



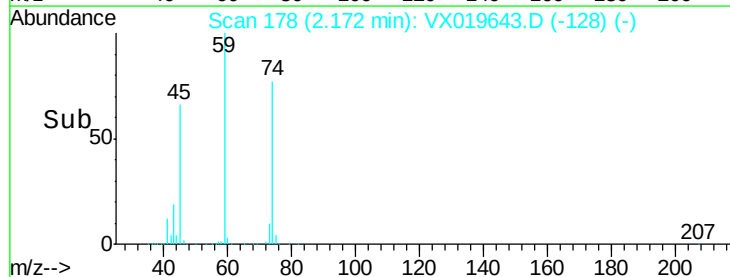
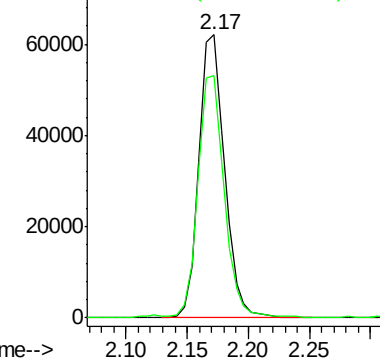
#8

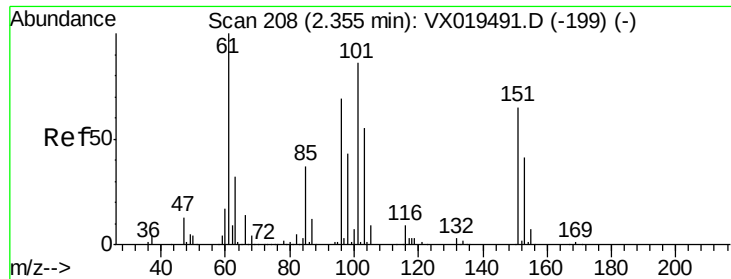
Diethyl Ether
Concen: 50.907 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 74 Resp: 90192
Ion Ratio Lower Upper
74 100
45 86.3 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.134 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

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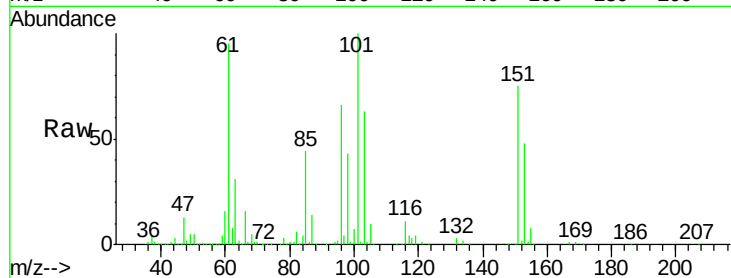
Tot Ion:101 Resp: 118796

Ion Ratio Lower Upper

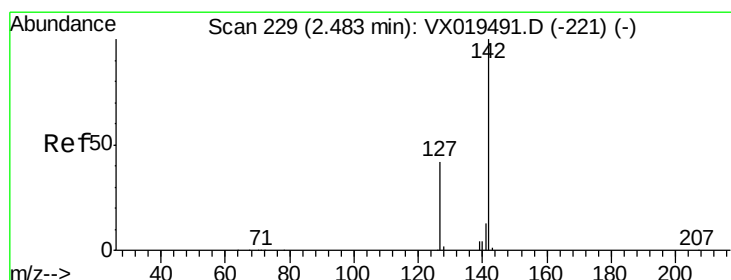
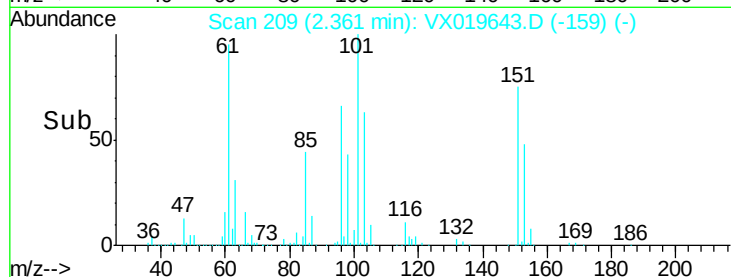
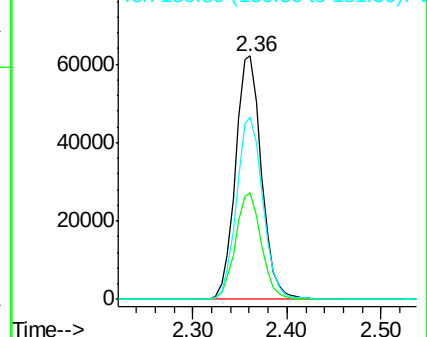
101 100

85 43.5 33.9 50.9

151 76.1 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: 51.050 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

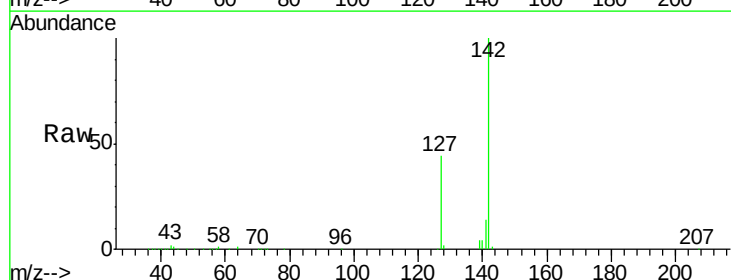
Tgt Ion:142 Resp: 165519

Ion Ratio Lower Upper

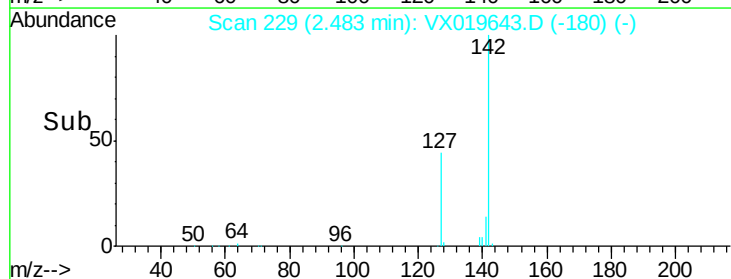
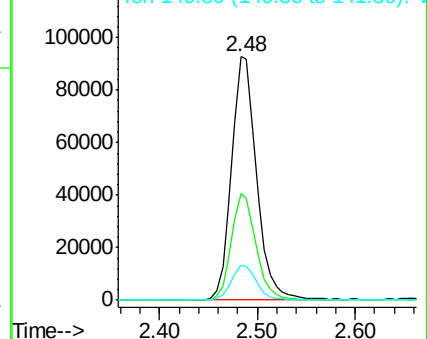
142 100

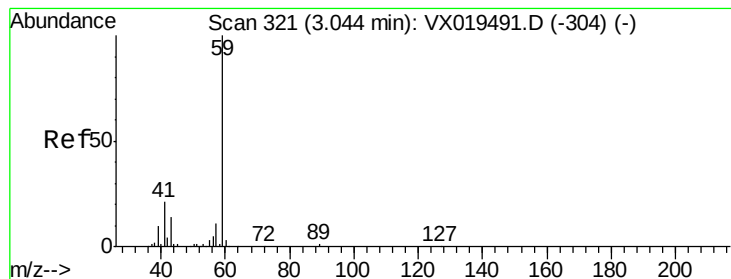
127 43.3 33.8 50.6

141 14.5 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: 253.879 ug/l

RT: 3.04 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

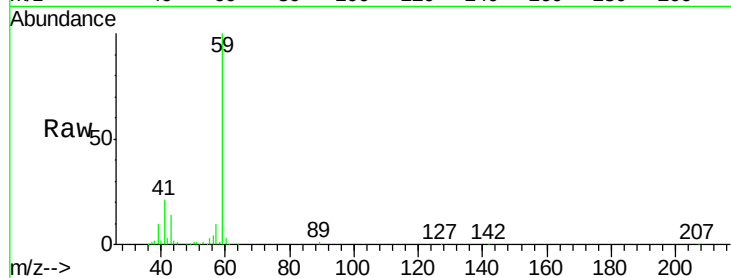
GR-OF-20201119MS

Tot Ion: 59 Resp: 158953

Ion Ratio Lower Upper

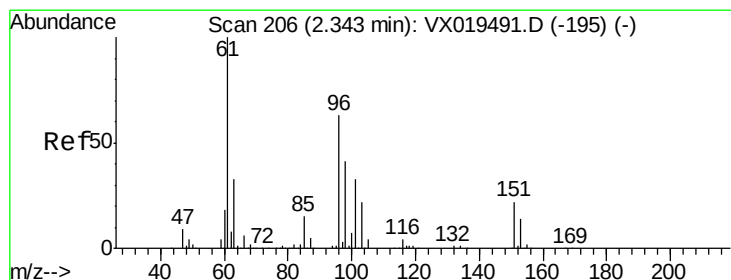
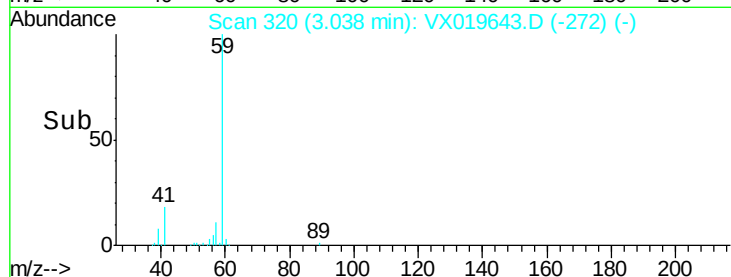
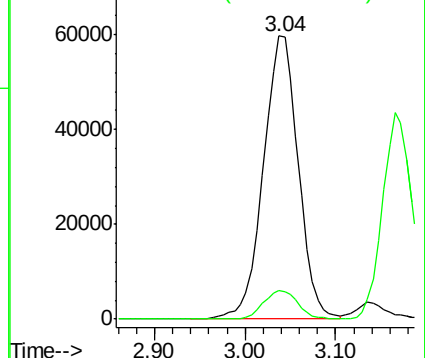
59 100

57 10.1 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 48.162 ug/l

RT: 2.35 min Scan# 207

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

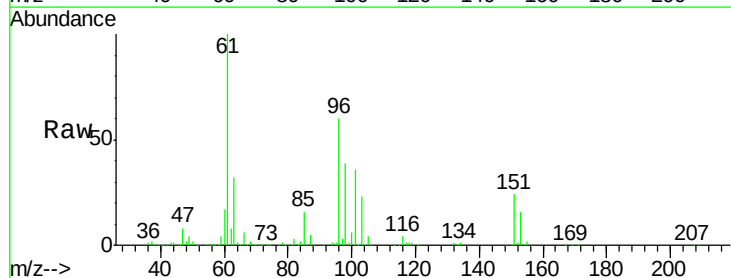
Tgt Ion: 96 Resp: 122002

Ion Ratio Lower Upper

96 100

61 165.4 126.0 189.0

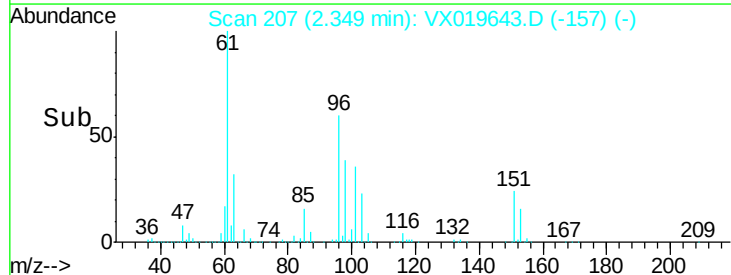
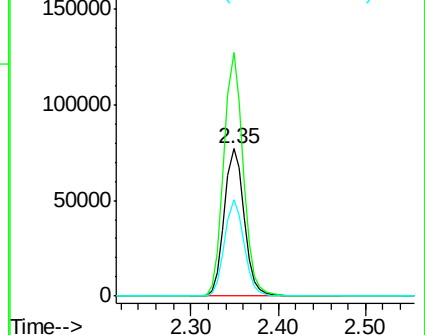
98 65.2 52.0 78.0

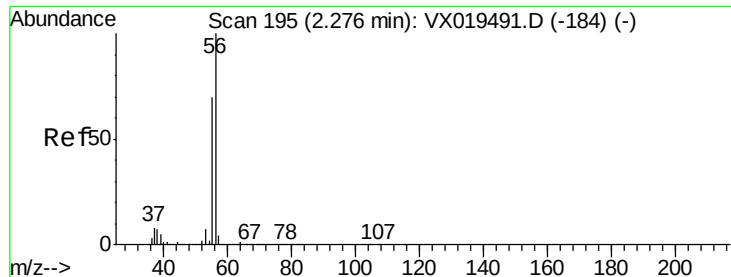


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 200.972 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

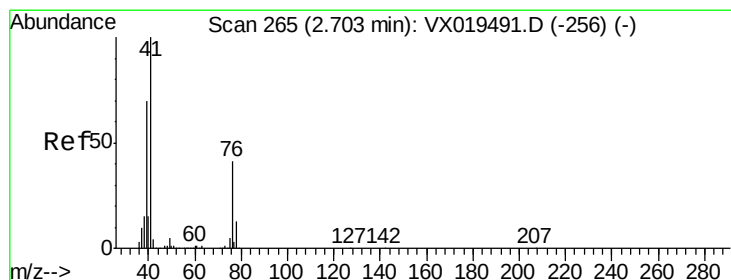
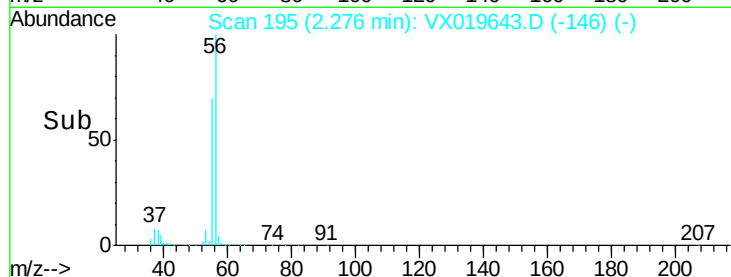
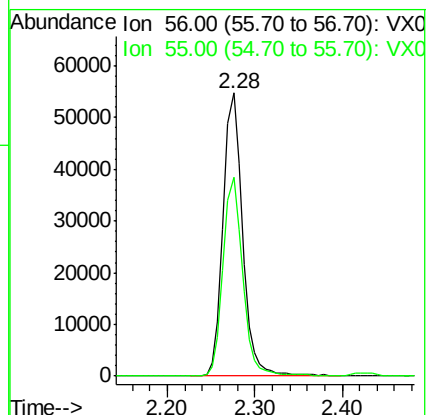
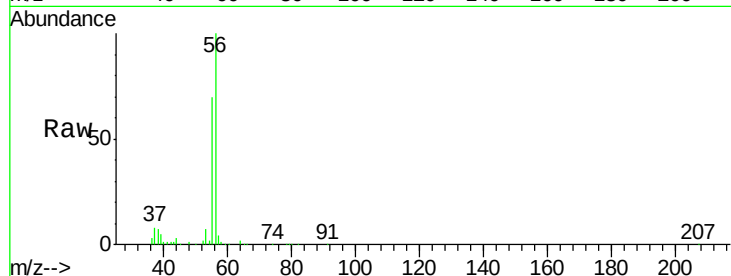
GR-OF-20201119MS

Tot Ion: 56 Resp: 84581

Ion Ratio Lower Upper

56 100

55 70.3 55.5 83.3



#14

Allyl chloride

Concen: 48.325 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

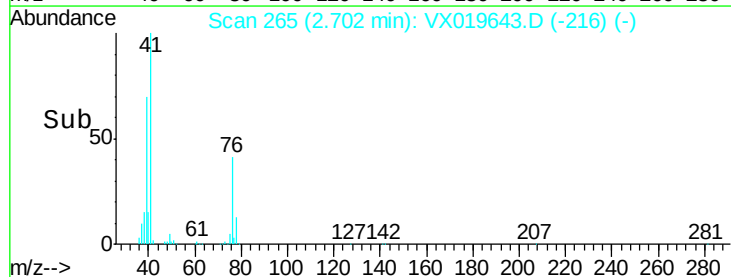
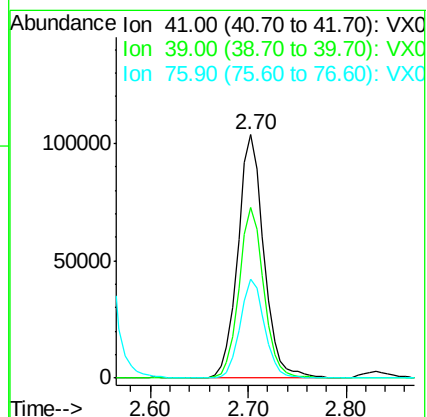
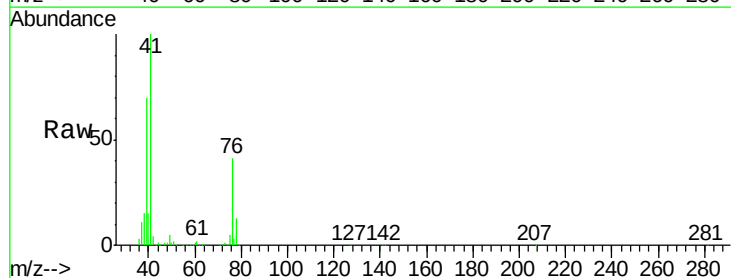
Tgt Ion: 41 Resp: 191770

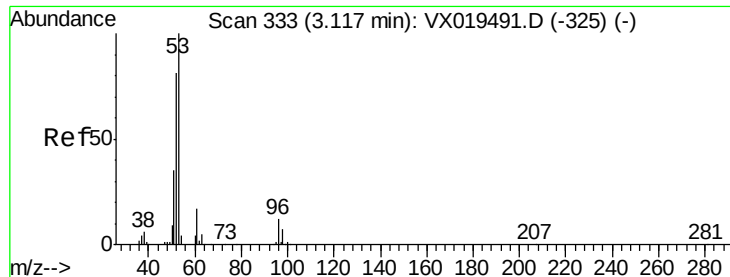
Ion Ratio Lower Upper

41 100

39 66.6 53.0 79.4

76 38.2 31.0 46.6





#15

Acrylonitrile

Concen: 264.187 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

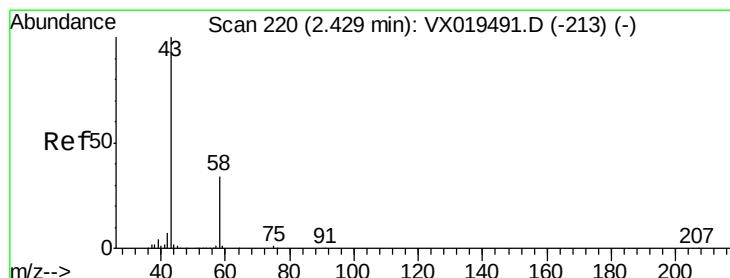
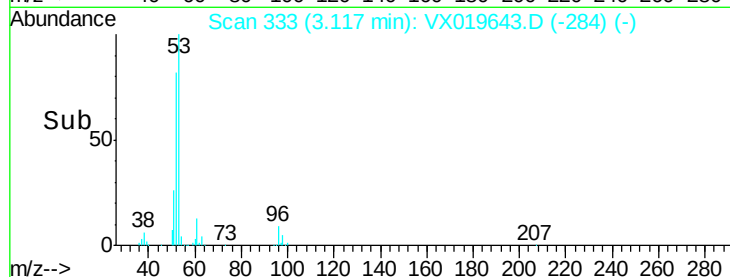
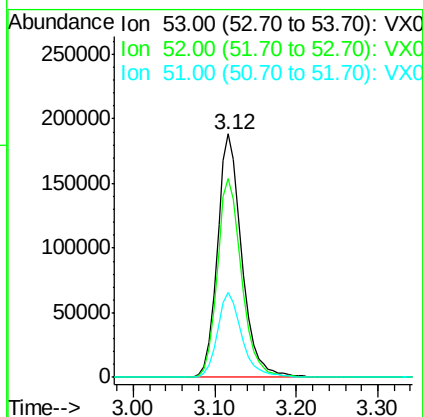
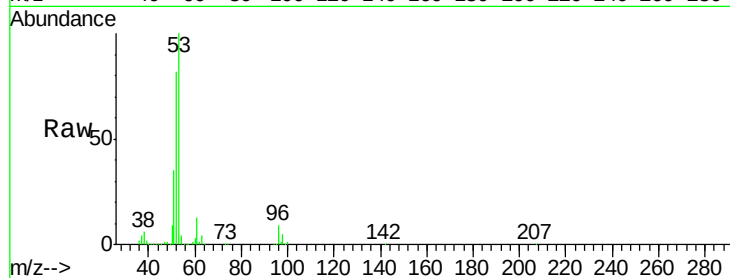
Tot Ion: 53 Resp: 390087

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.2

51 35.3 28.5 42.7



#16

Acetone

Concen: 241.966 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019643.D

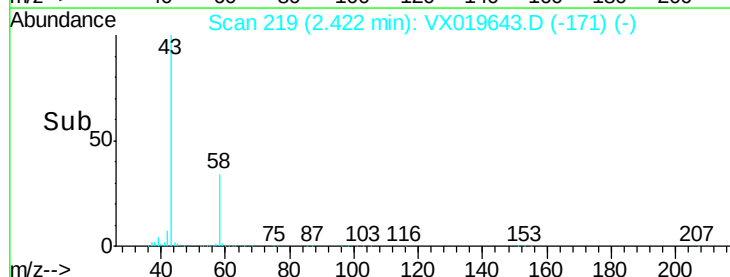
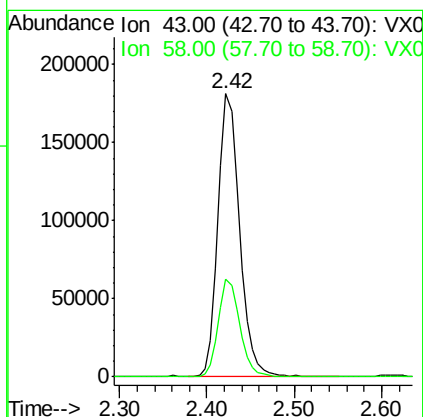
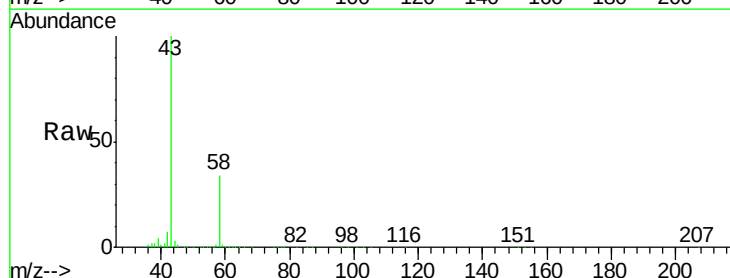
Acq: 25 Nov 2020 06:37

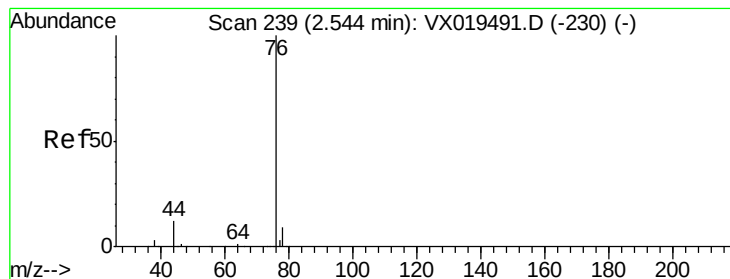
Tgt Ion: 43 Resp: 309566

Ion Ratio Lower Upper

43 100

58 34.4 27.4 41.2





#17

Carbon Disulfide

Concen: 44.749 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

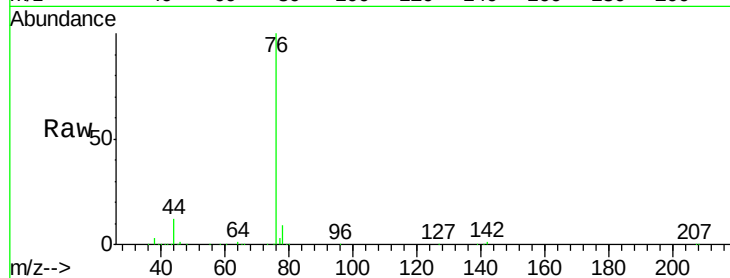
GR-OF-20201119MS

Tot Ion: 76 Resp: 304531

Ion Ratio Lower Upper

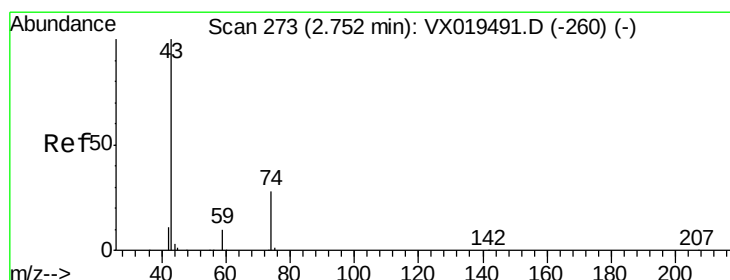
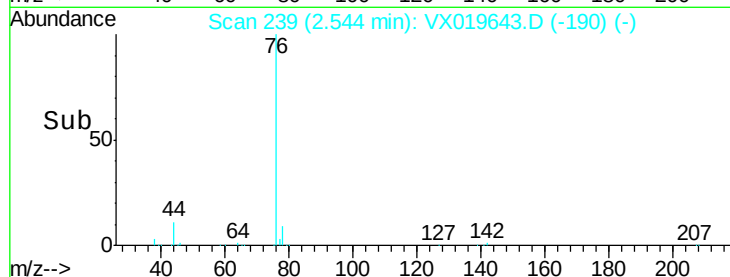
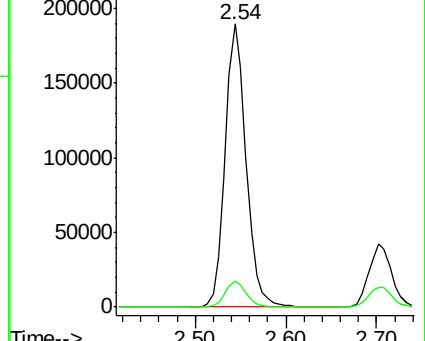
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.057 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019643.D

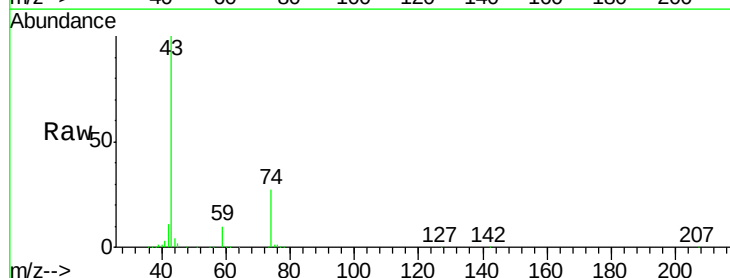
Acq: 25 Nov 2020 06:37

Tgt Ion: 43 Resp: 141140

Ion Ratio Lower Upper

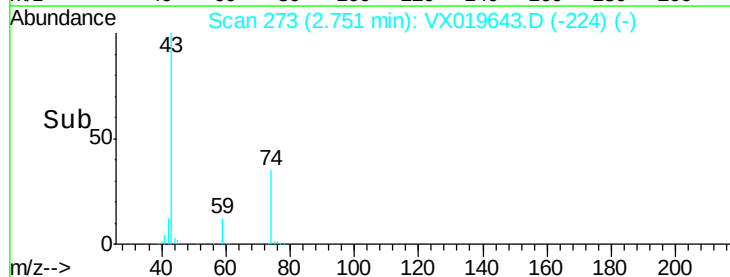
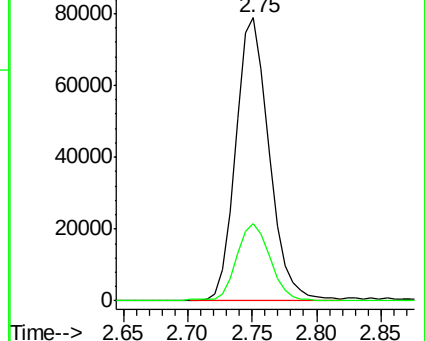
43 100

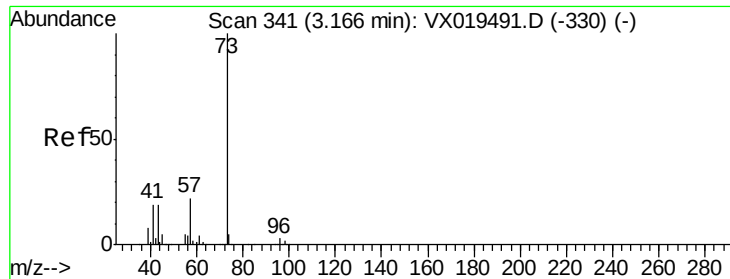
74 28.1 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

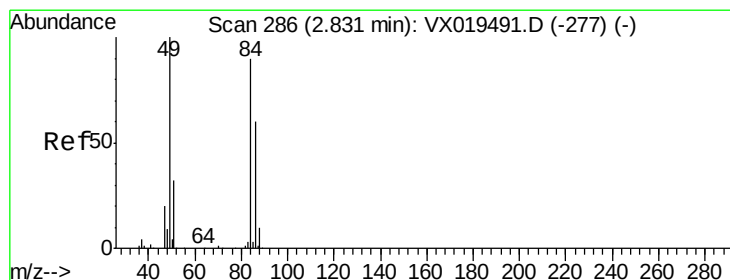
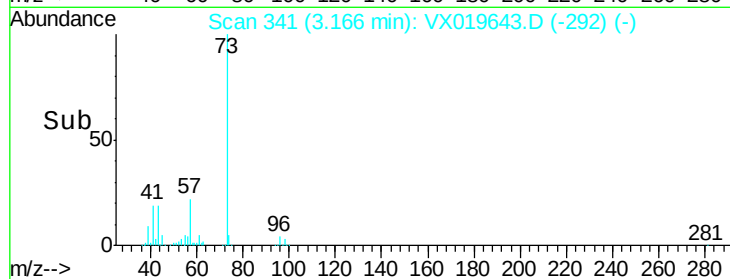
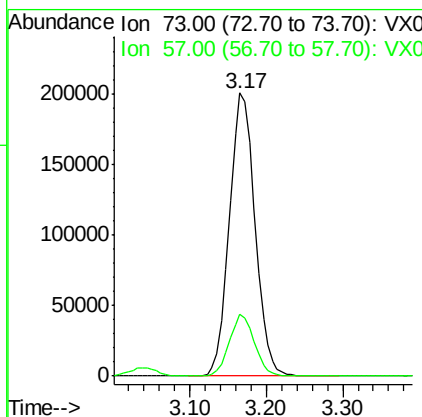
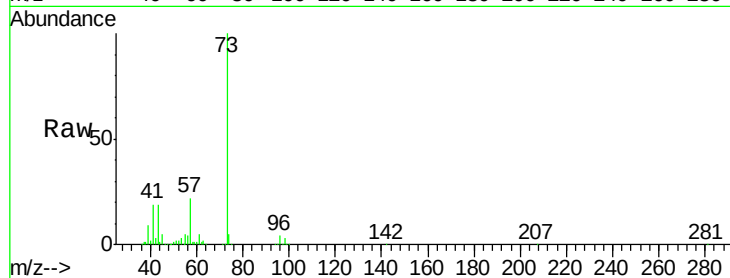




#19
Methyl tert-butyl Ether
Concen: 53.335 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

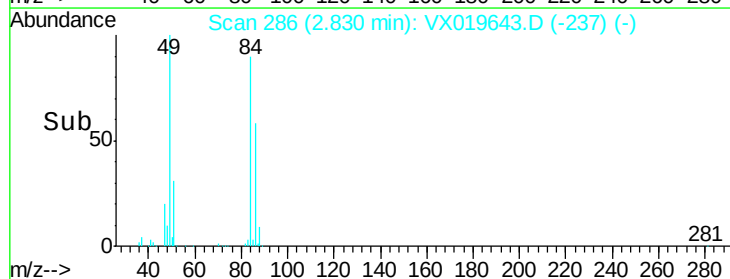
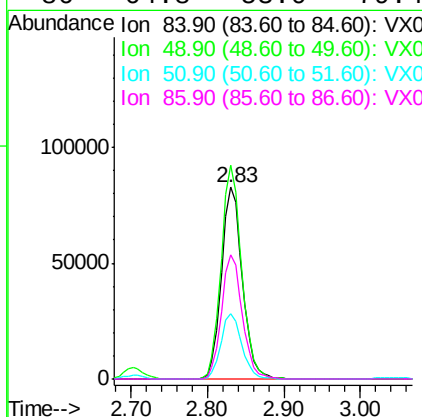
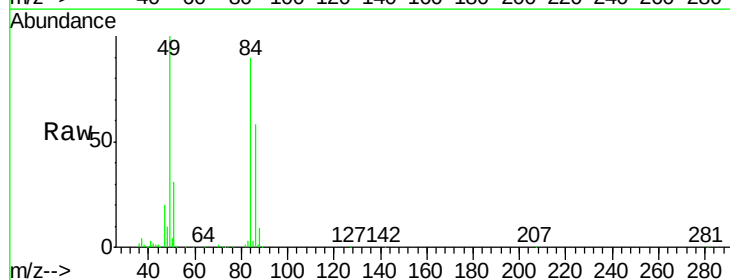
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

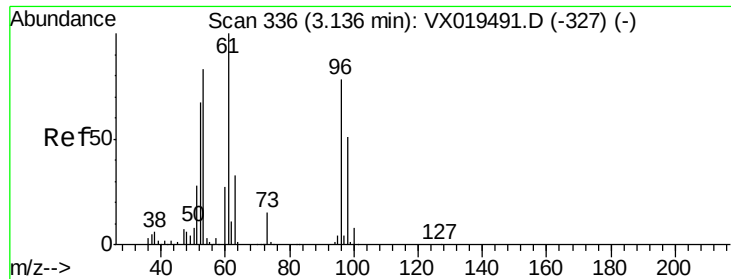
Tot Ion: 73 Resp: 466355
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 48.912 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 84 Resp: 156404
Ion Ratio Lower Upper
84 100
49 111.5 88.5 132.7
51 34.1 28.0 42.0
86 64.8 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.639 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

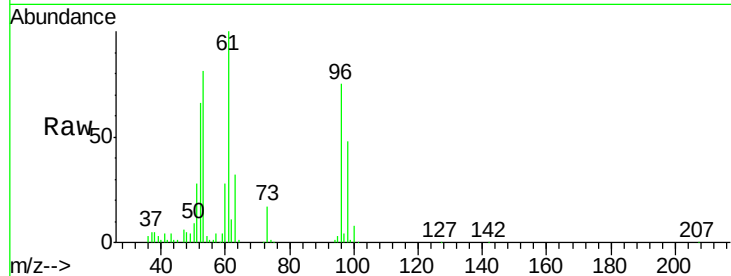
Tot Ion: 96 Resp: 142467

Ion Ratio Lower Upper

96 100

61 133.3 102.9 154.3

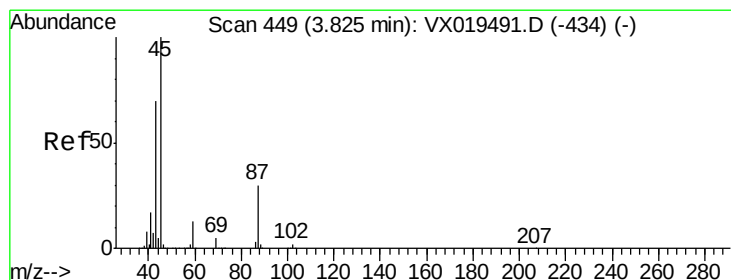
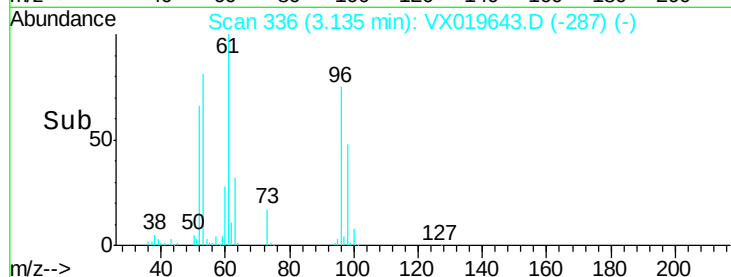
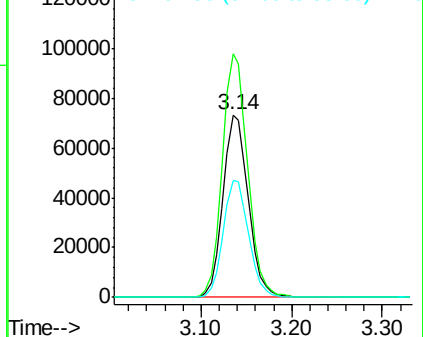
98 64.0 52.1 78.1



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: 52.753 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Tgt Ion: 45 Resp: 433066

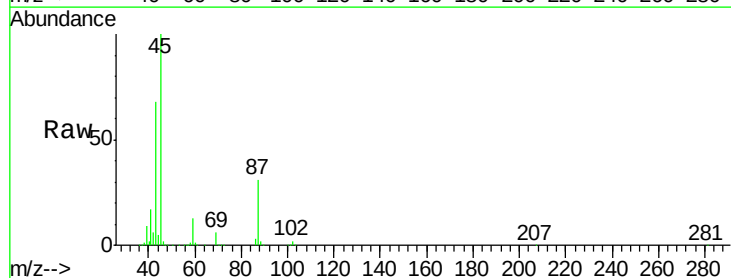
Ion Ratio Lower Upper

45 100

43 67.7 56.1 84.1

87 31.5 24.2 36.2

59 12.7 10.2 15.2

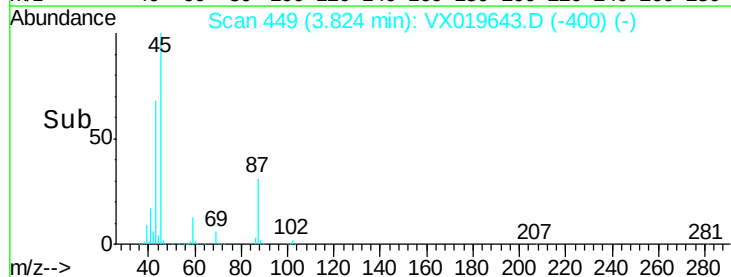
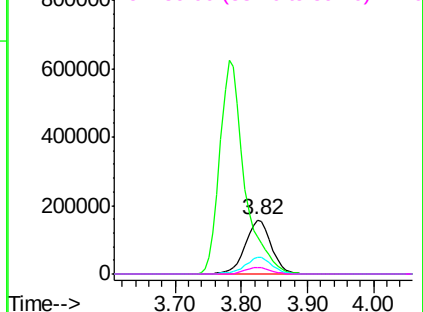


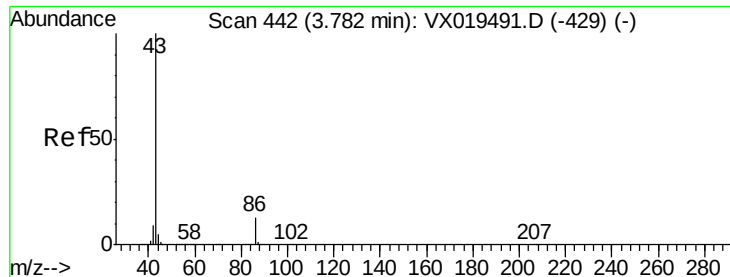
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 234.410 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

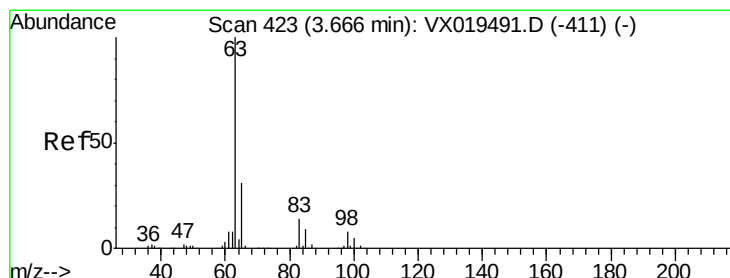
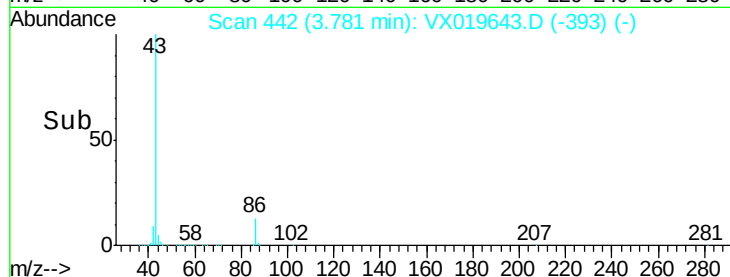
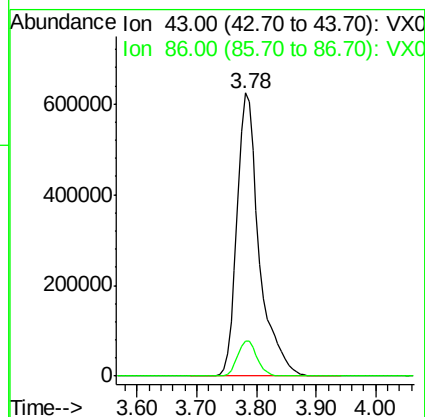
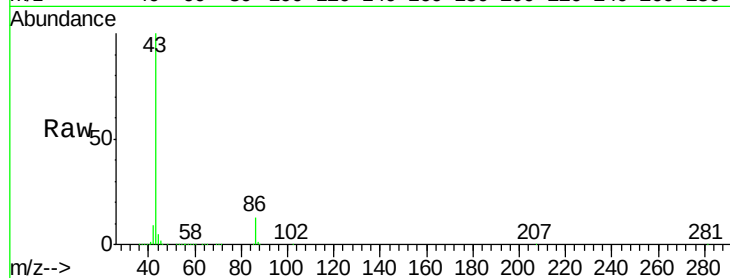
GR-OF-20201119MS

Tot Ion: 43 Resp: 1614126

Ion Ratio Lower Upper

43 100

86 12.6 10.2 15.2



#24

1,1-Dichloroethane

Concen: 51.209 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

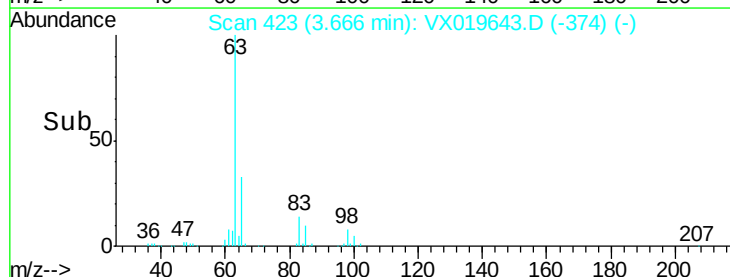
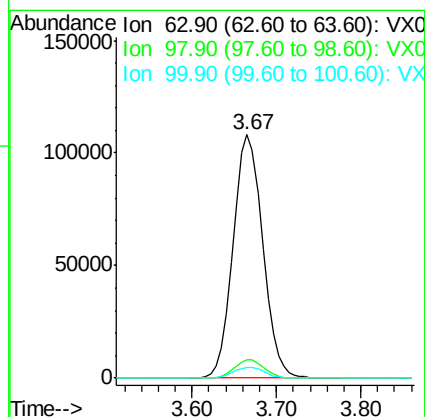
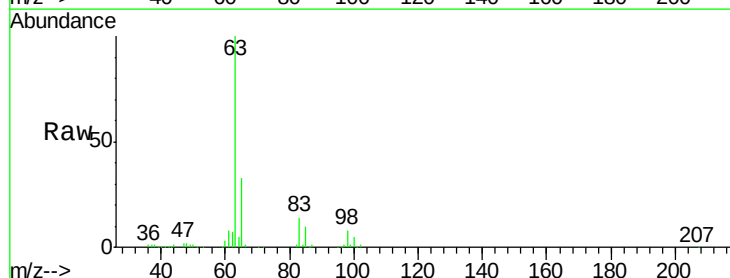
Tgt Ion: 63 Resp: 257136

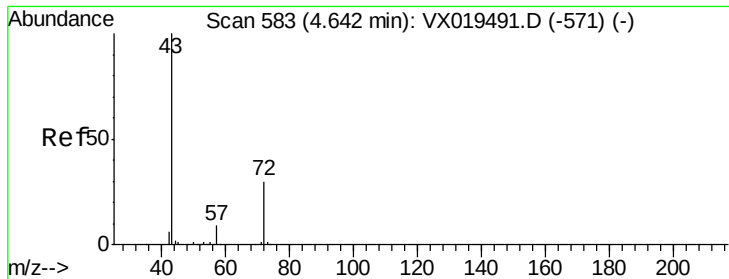
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 256.055 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

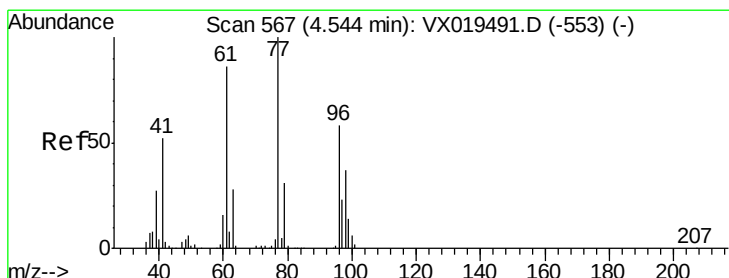
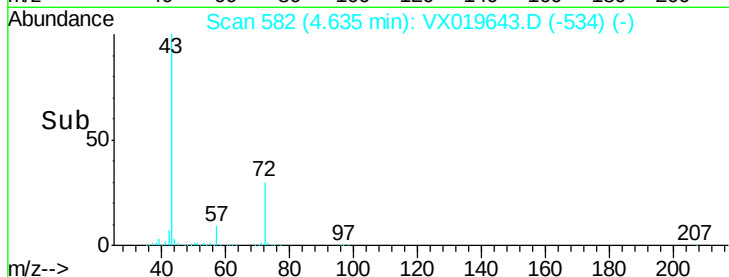
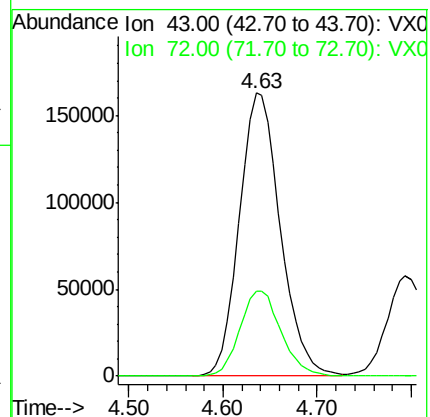
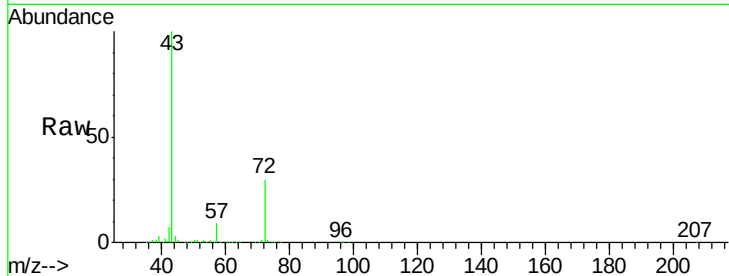
GR-OF-20201119MS

Tot Ion: 43 Resp: 492104

Ion Ratio Lower Upper

43 100

72 30.0 24.0 36.0



#26

2,2-Dichloropropane

Concen: 37.019 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019643.D

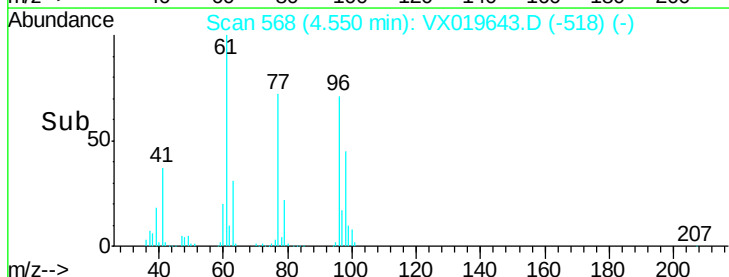
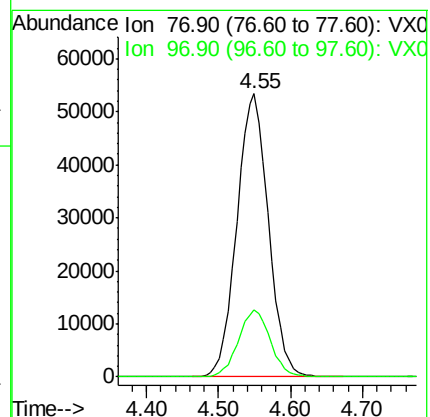
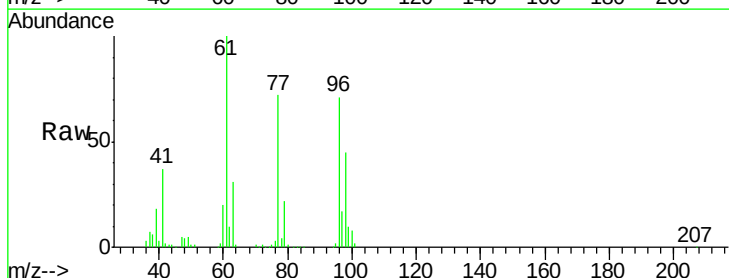
Acq: 25 Nov 2020 06:37

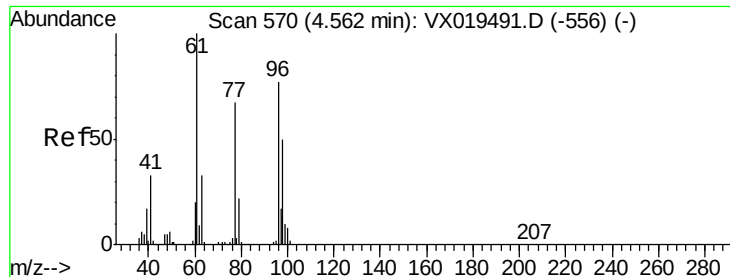
Tgt Ion: 77 Resp: 162247

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



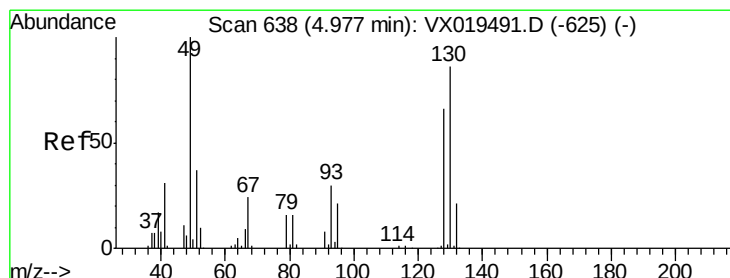
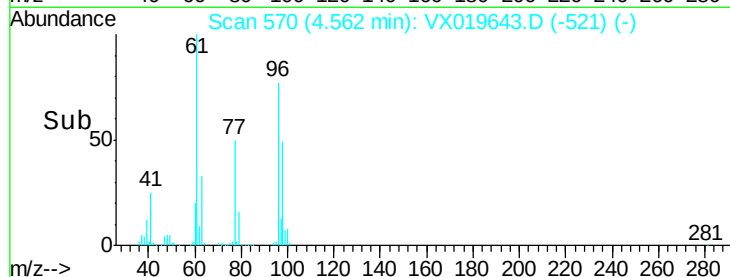
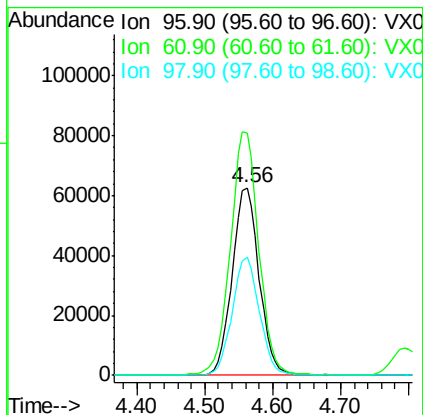
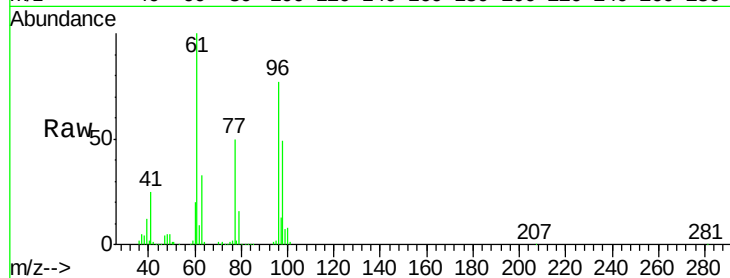


#27

cis-1,2-Dichloroethene
 Concen: 52.242 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

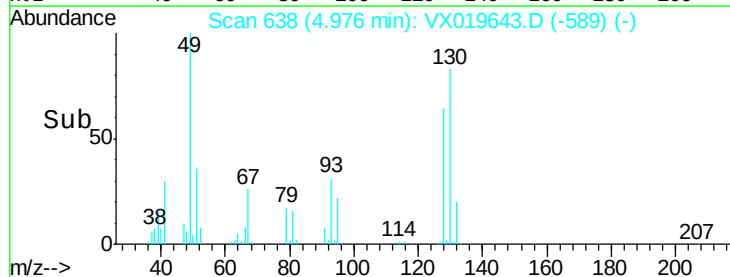
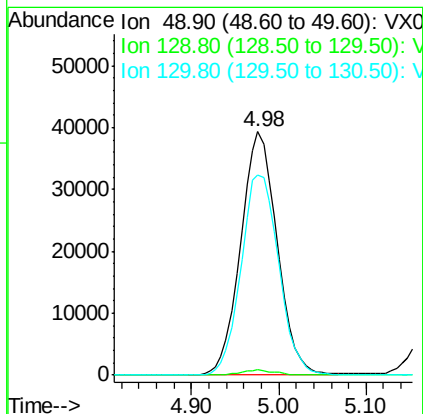
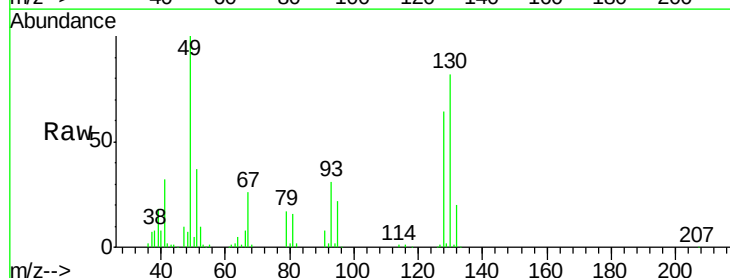
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	279.2
98	63.5	0.0	129.8

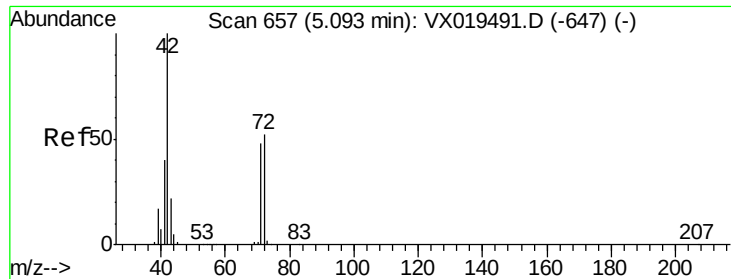


#28

Bromochloromethane
 Concen: 47.565 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	85.5	69.0	103.6

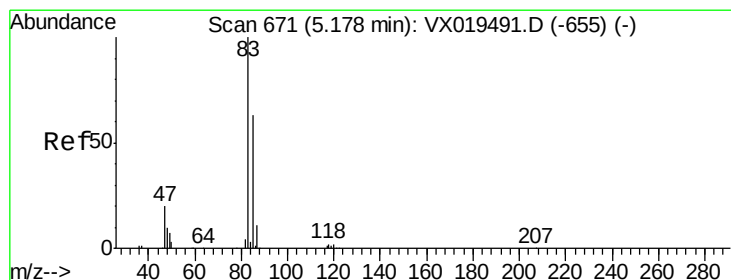
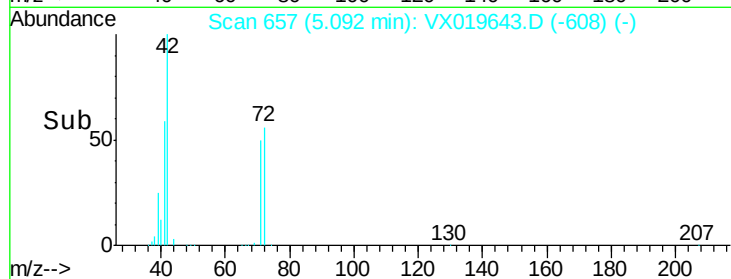
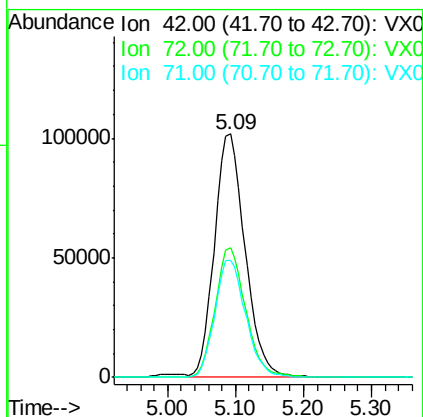
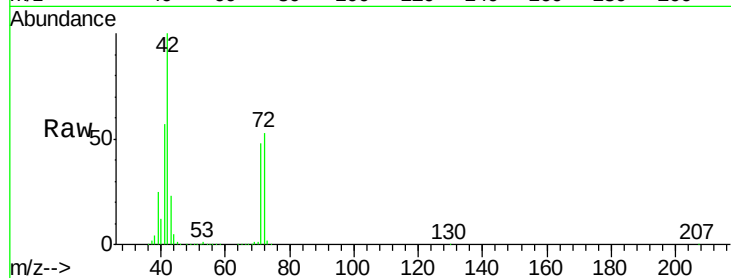




#29
Tetrahydrofuran
Concen: 258.401 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

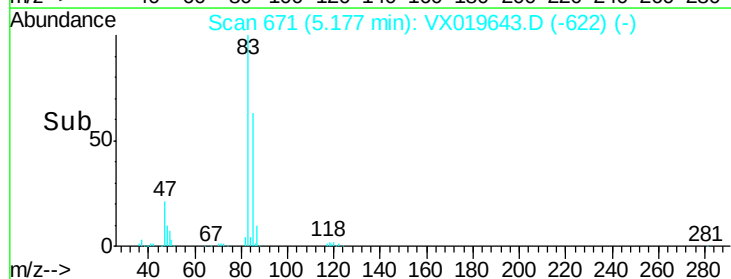
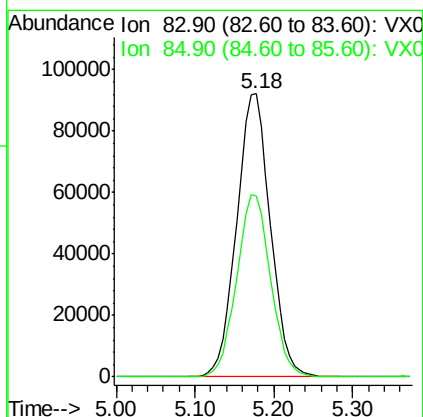
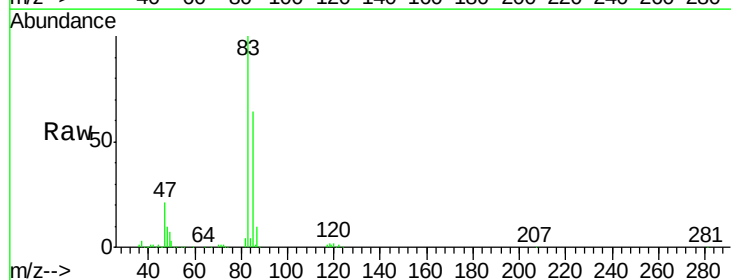
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

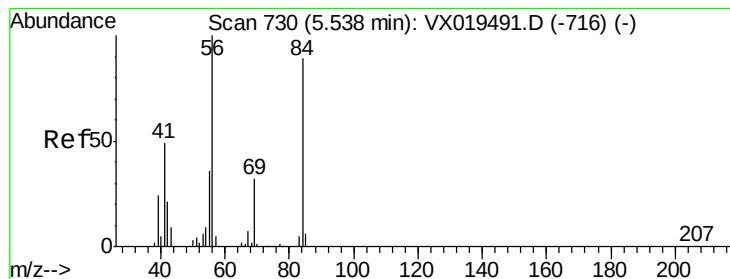
Tot Ion: 42 Resp: 316863
Ion Ratio Lower Upper
42 100
72 53.3 42.6 63.8
71 48.6 39.0 58.6



#30
Chloroform
Concen: 52.169 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 83 Resp: 273915
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7





#31

Cyclohexane

Concen: 49.599 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

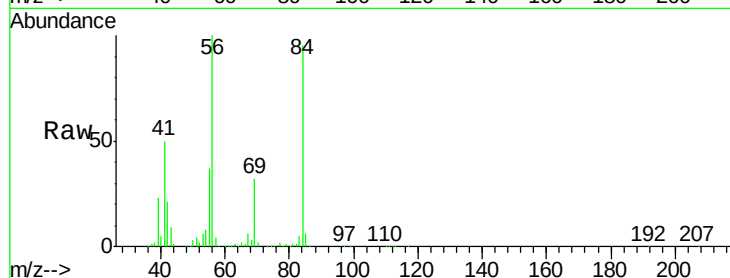
Tot Ion: 56 Resp: 213416

Ion Ratio Lower Upper

56 100

69 32.3 25.5 38.3

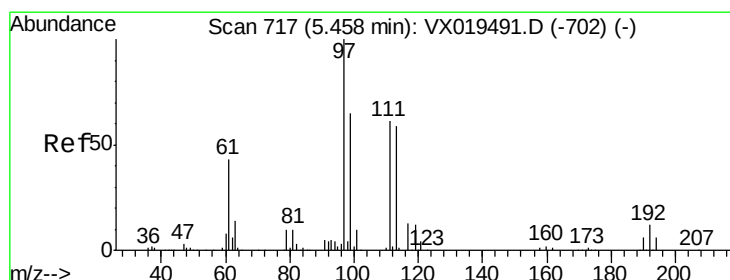
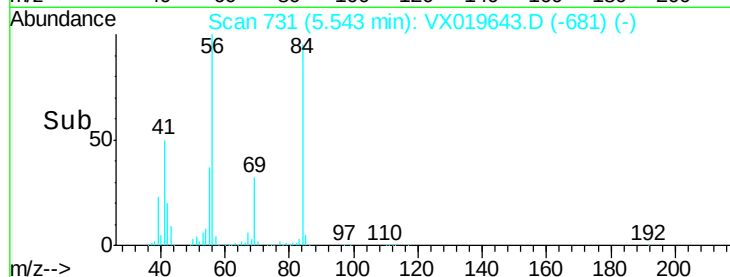
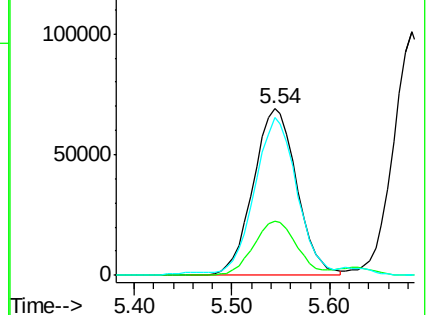
84 93.6 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.009 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

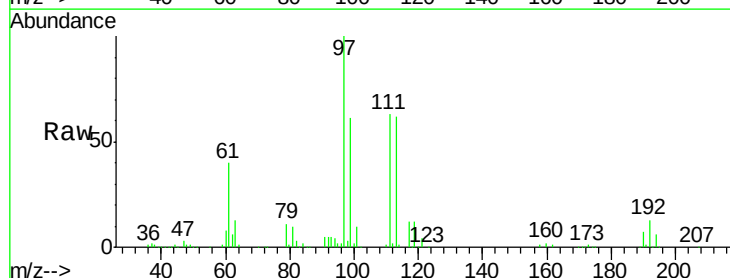
Tgt Ion: 97 Resp: 234571

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

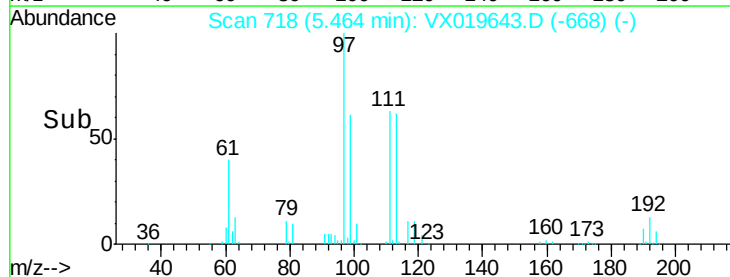
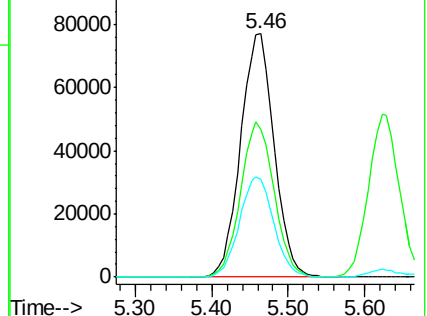
61 42.1 34.2 51.2

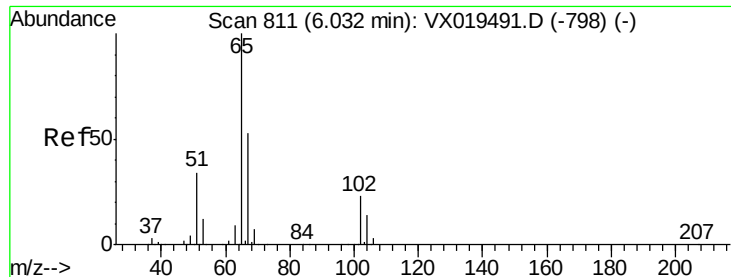


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

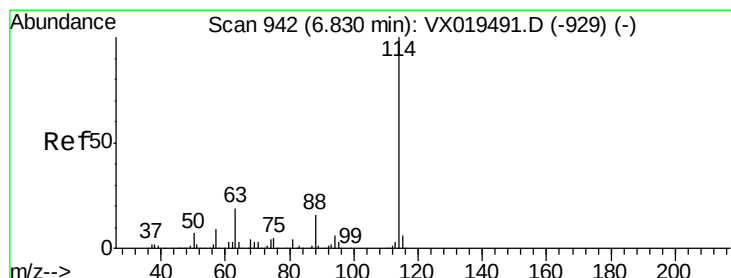
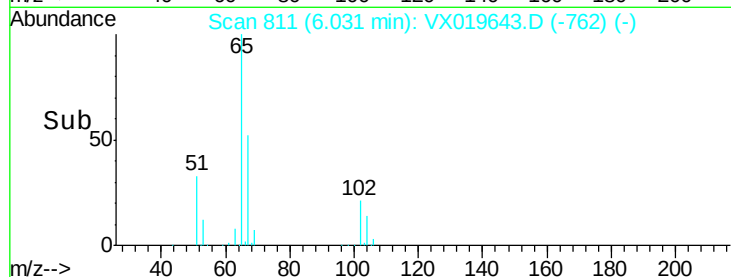
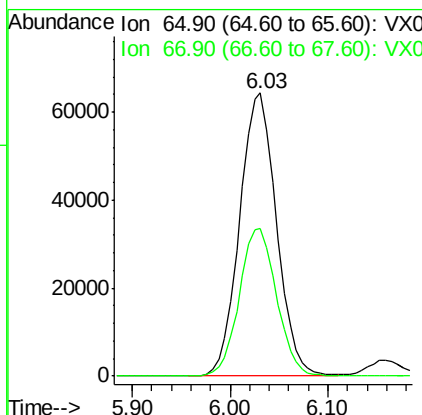
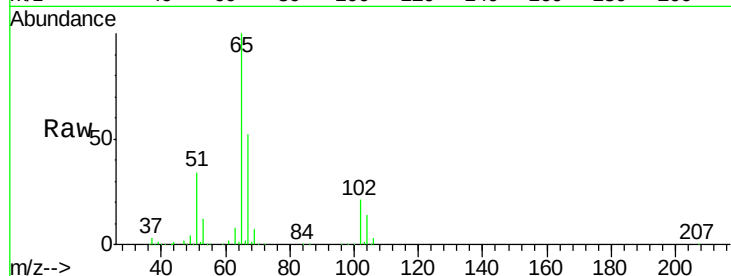




#33
 1,2-Dichloroethane-d4
 Concen: 50.968 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

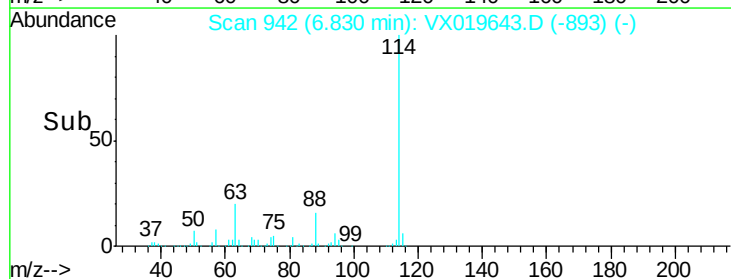
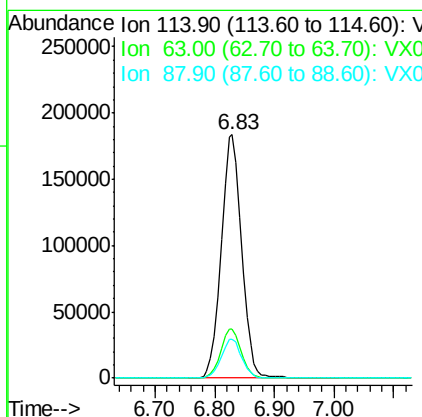
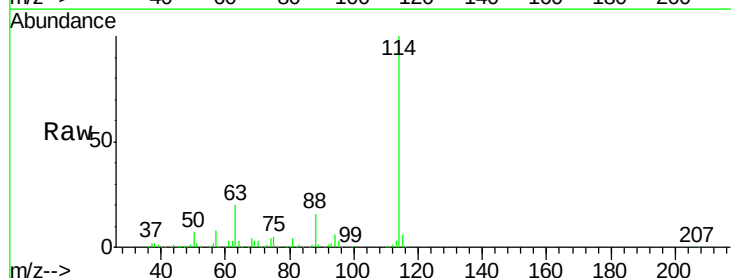
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

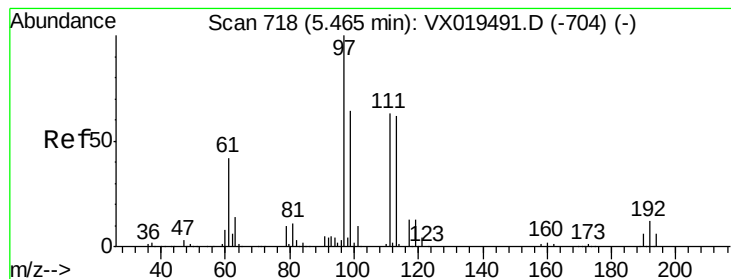
Tot Ion: 65 Resp: 168617
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion: 114 Resp: 437059
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.8
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.647 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

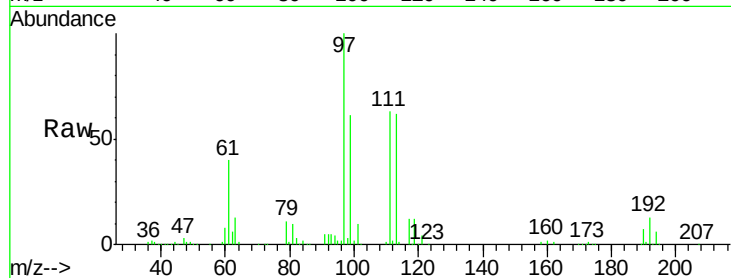
Tot Ion:113 Resp: 136203

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

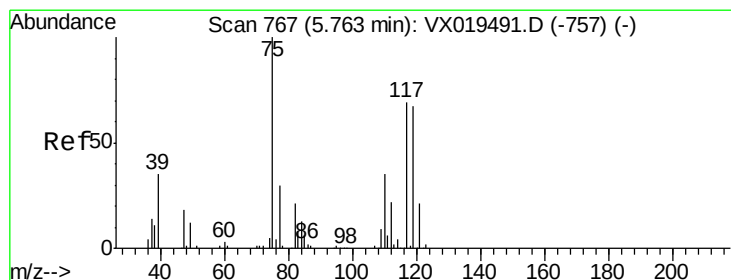
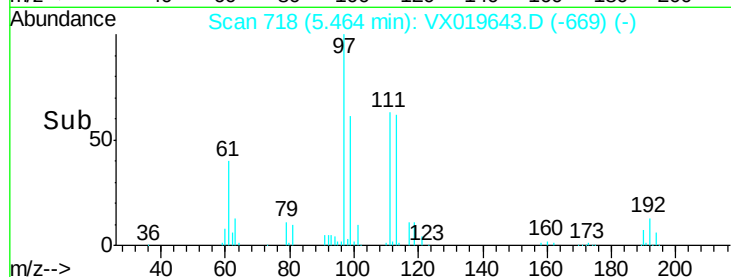
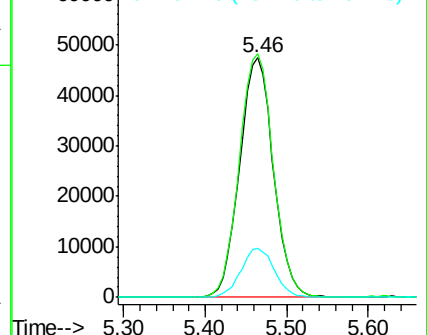
192 20.3 16.2 24.2



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: 48.047 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

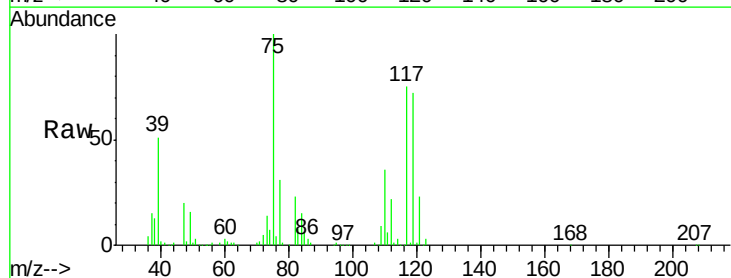
Tgt Ion: 75 Resp: 196870

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.3

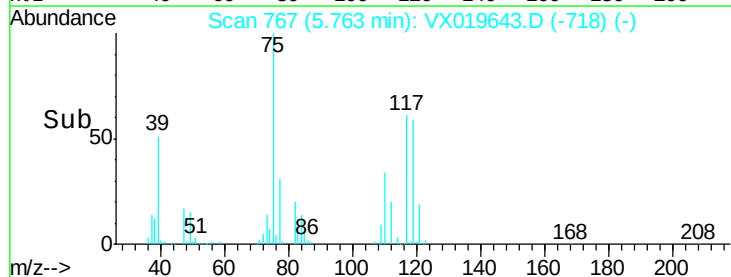
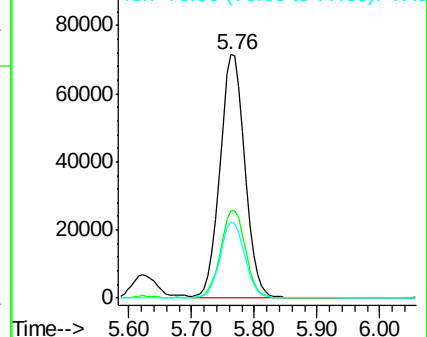
77 31.0 24.2 36.4

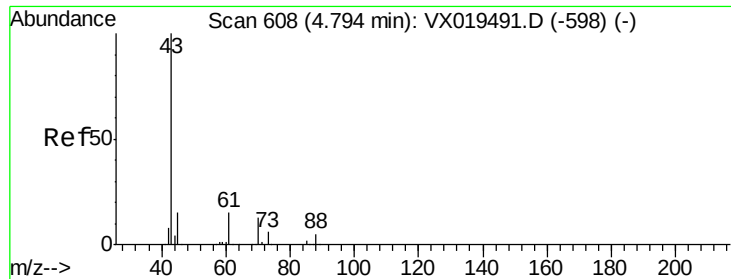


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

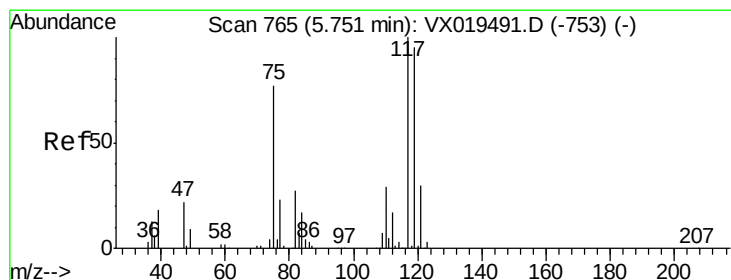
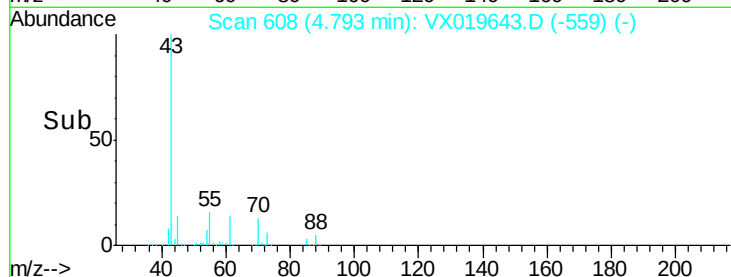
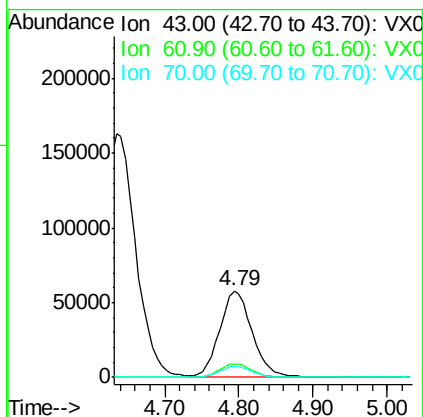
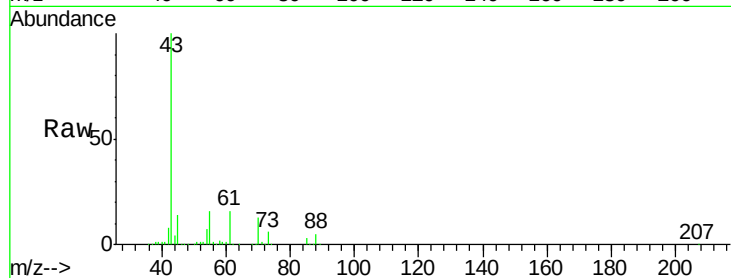




#37
Ethyl Acetate
Concen: 45.179 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

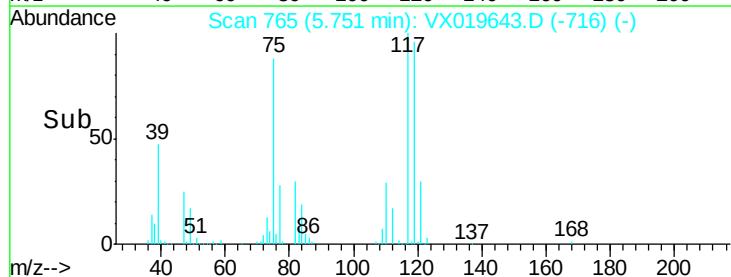
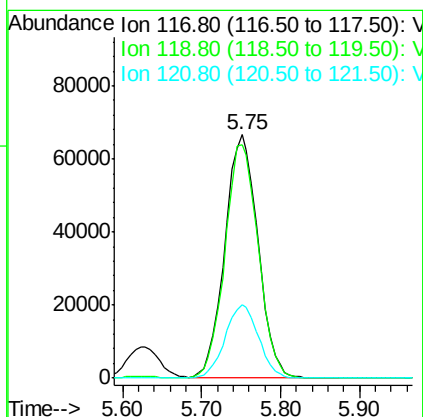
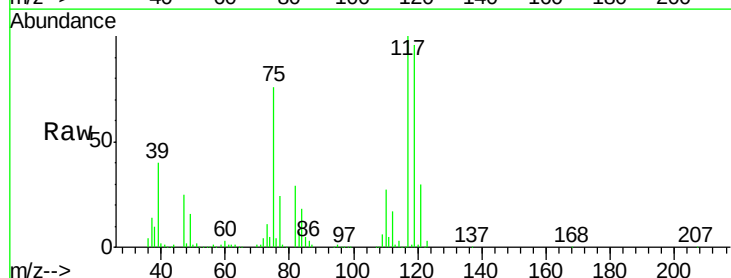
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

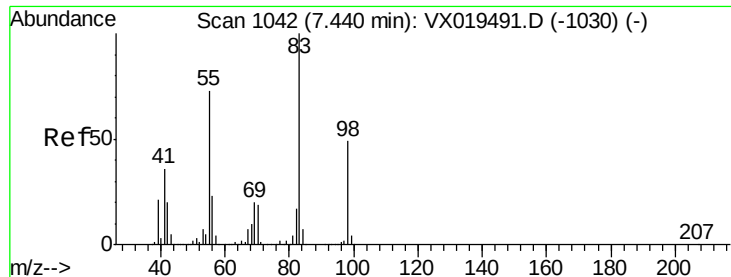
Tot Ion: 43 Resp: 173788
Ion Ratio Lower Upper
43 100
61 15.6 12.7 19.1
70 13.0 10.2 15.2



#38
Carbon Tetrachloride
Concen: 49.139 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 117 Resp: 194887
Ion Ratio Lower Upper
117 100
119 95.8 75.9 113.9
121 30.1 24.0 36.0

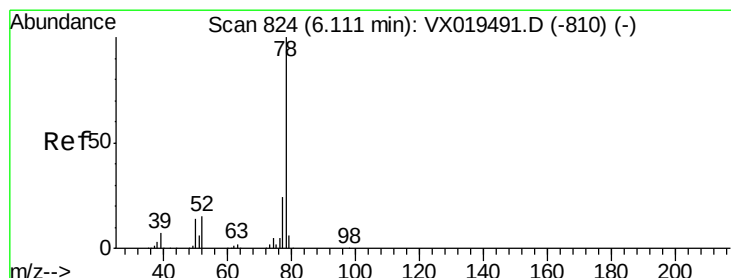
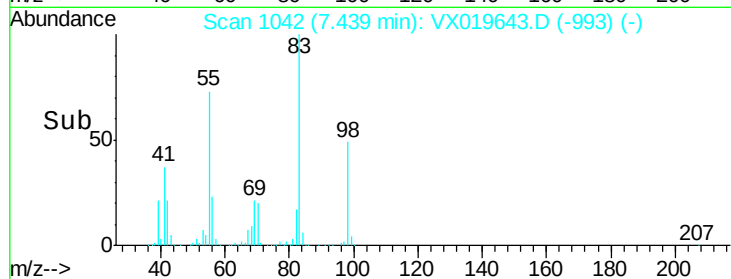
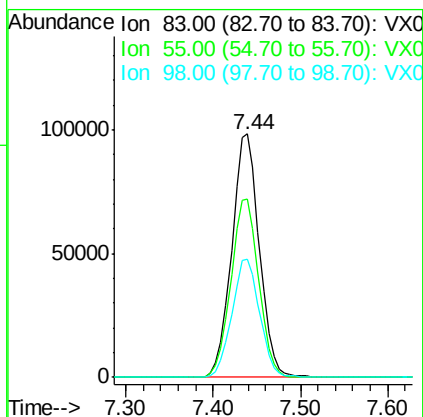
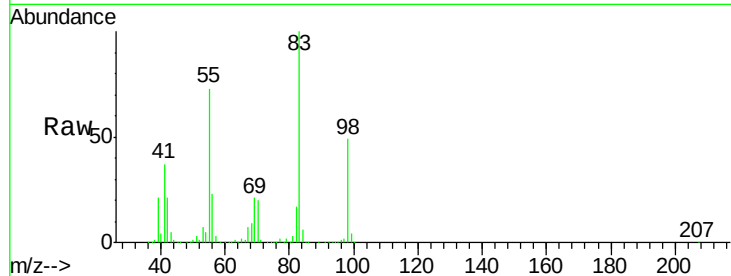




#39
Methylvlcyclohexane
Concen: 45.145 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

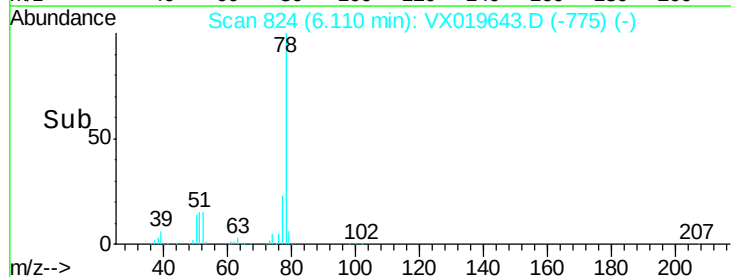
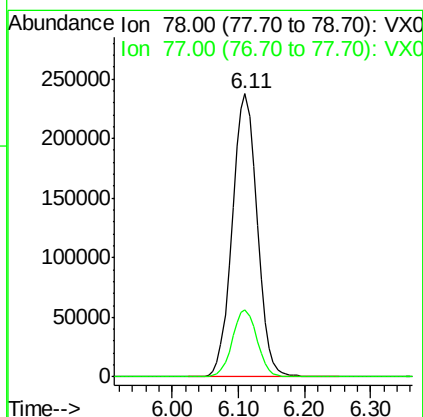
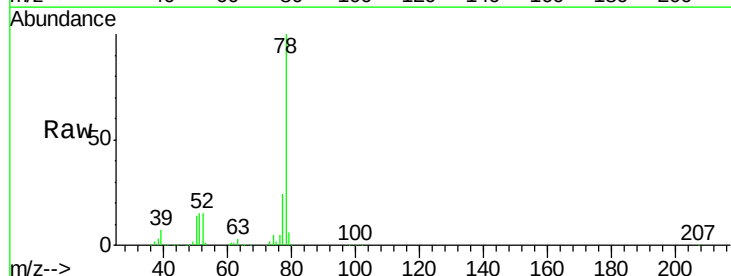
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

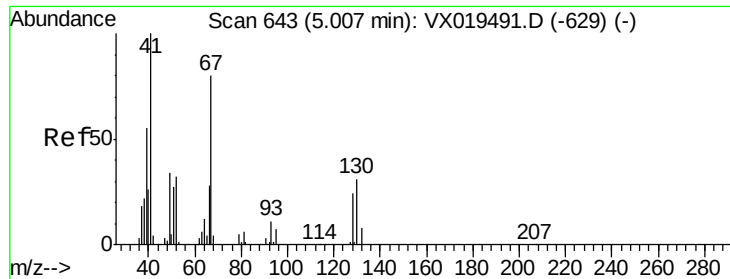
Tot Ion: 83 Resp: 215382
Ion Ratio Lower Upper
83 100
55 73.3 58.3 87.5
98 48.7 38.9 58.3



#40
Benzene
Concen: 49.285 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 78 Resp: 620469
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

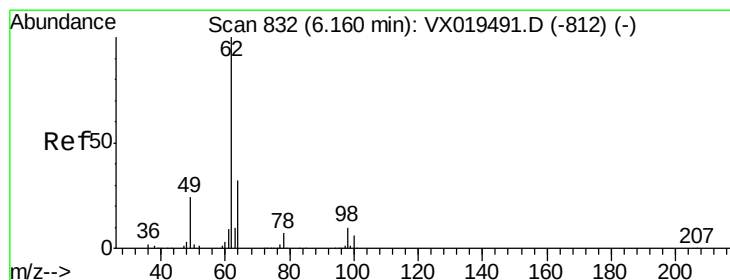
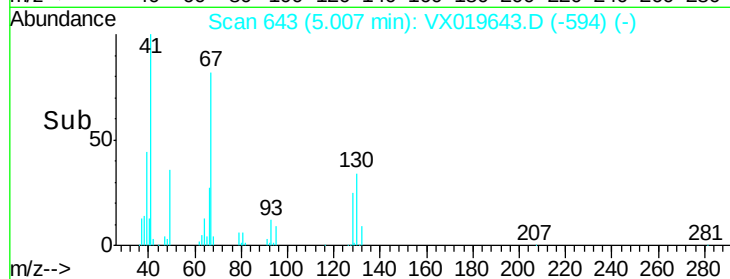
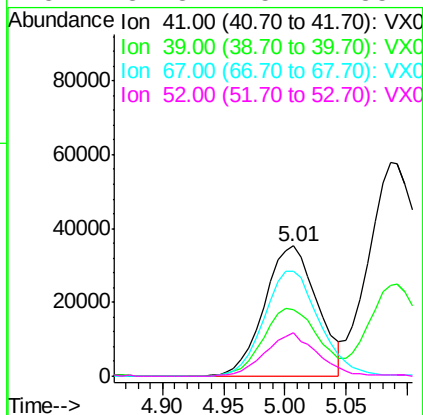
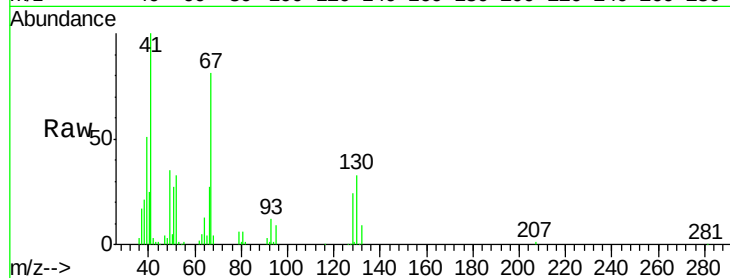




#41
Methacrylonitrile
Concen: 50.068 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

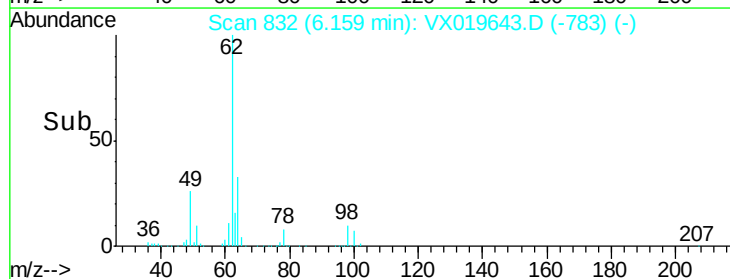
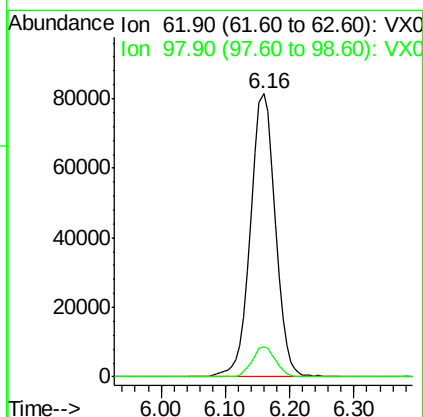
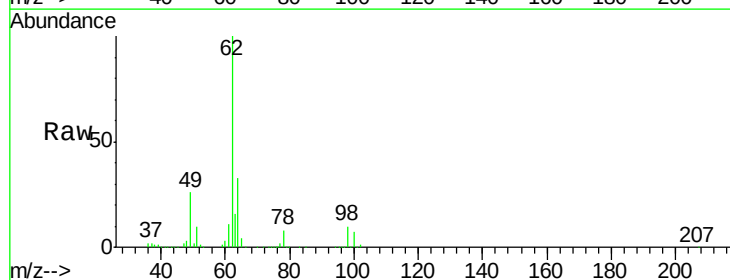
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

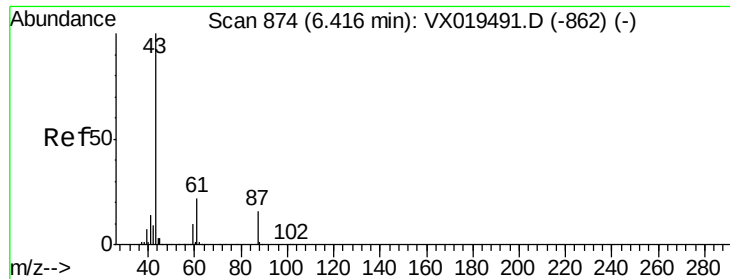
Tot Ion:	41	Resp:	106205
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.3	64.9
67	85.2	66.0	99.0
52	32.8	25.4	38.2



#42
1,2-Dichloroethane
Concen: 49.878 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion:	62	Resp:	215227
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0





#43

Isopropyl Acetate

Concen: 46.476 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

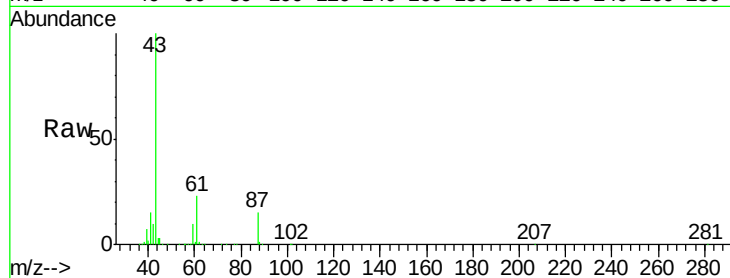
Tot Ion: 43 Resp: 300523

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.2

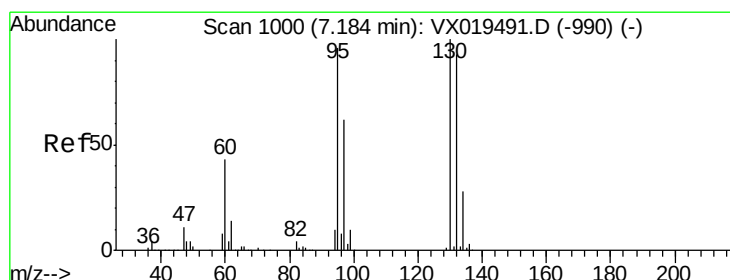
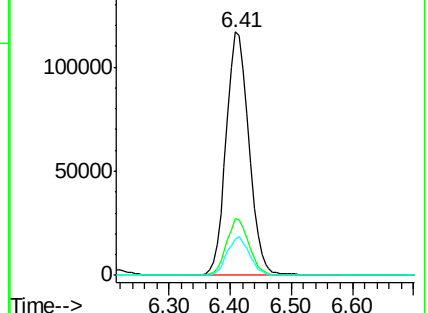
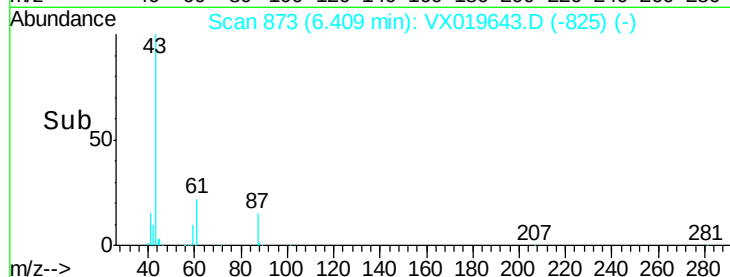
87 15.6 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.305 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019643.D

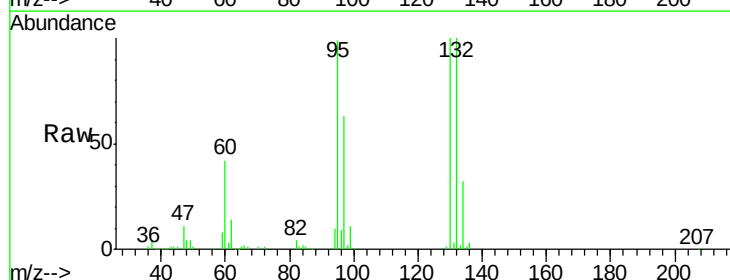
Acq: 25 Nov 2020 06:37

Tgt Ion: 130 Resp: 159291

Ion Ratio Lower Upper

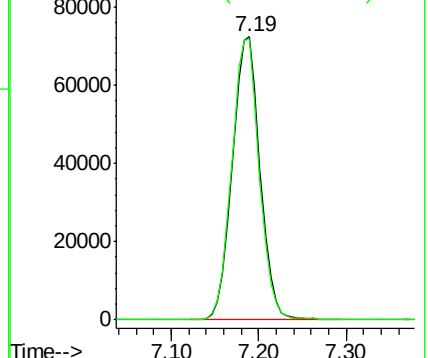
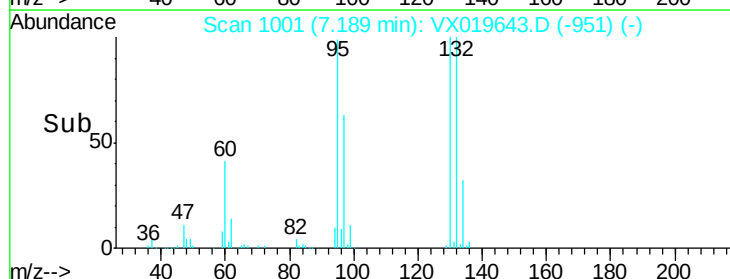
130 100

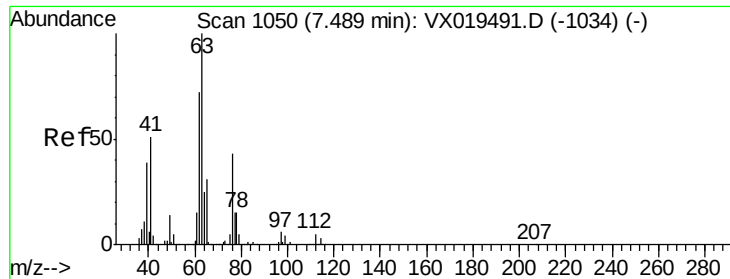
95 99.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.471 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

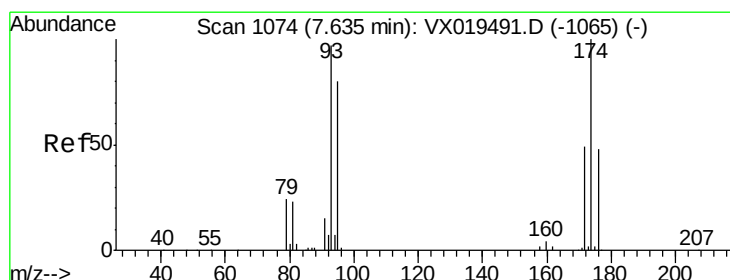
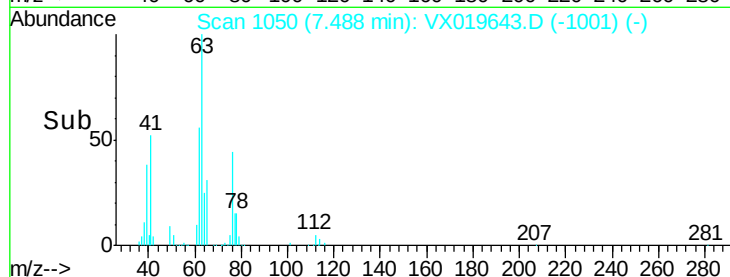
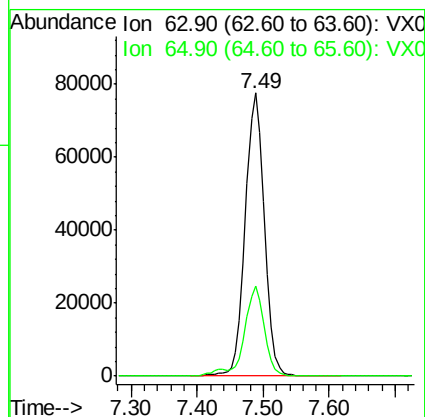
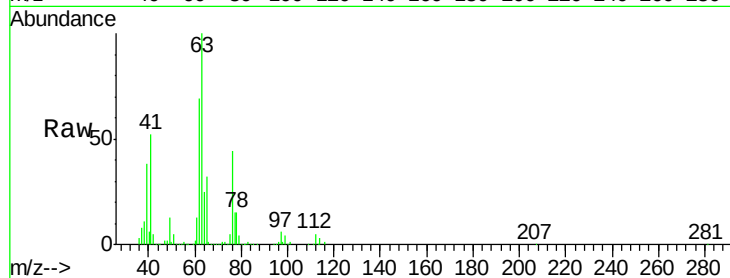
GR-OF-20201119MS

Tot Ion: 63 Resp: 156424

Ion Ratio Lower Upper

63 100

65 31.8 25.0 37.4



#46

Dibromomethane

Concen: 50.637 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

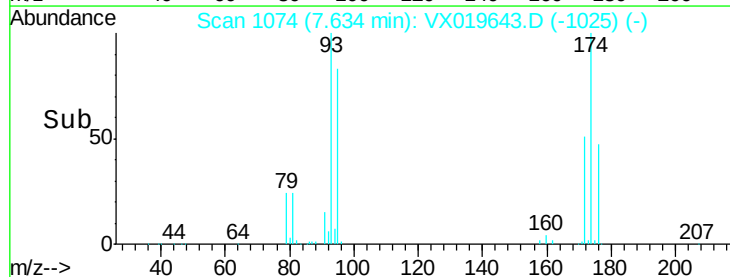
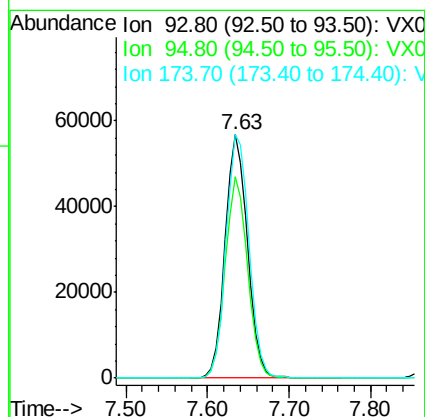
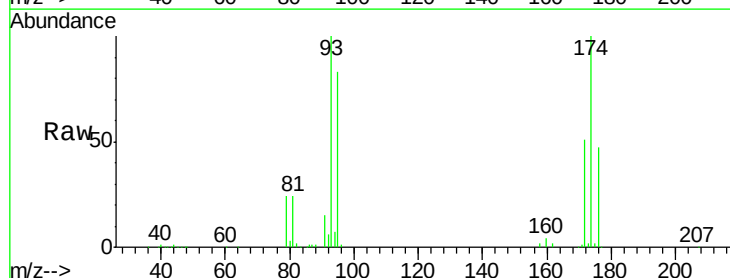
Tgt Ion: 93 Resp: 107412

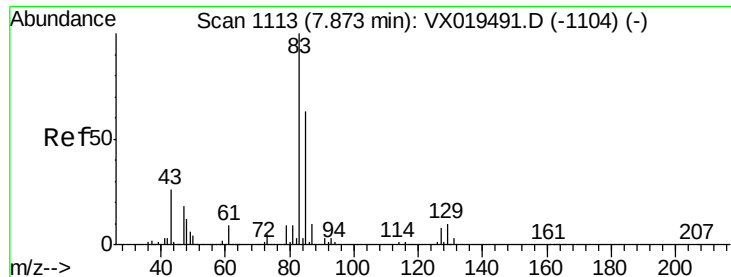
Ion Ratio Lower Upper

93 100

95 82.7 66.8 100.2

174 102.2 83.0 124.4

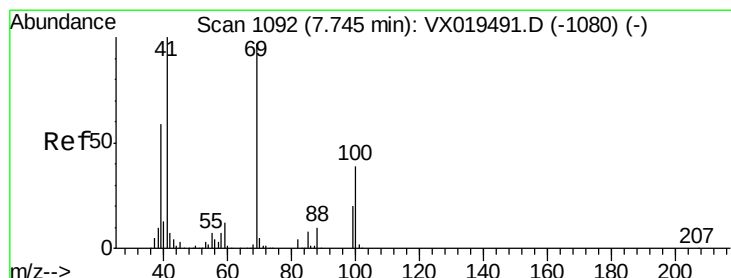
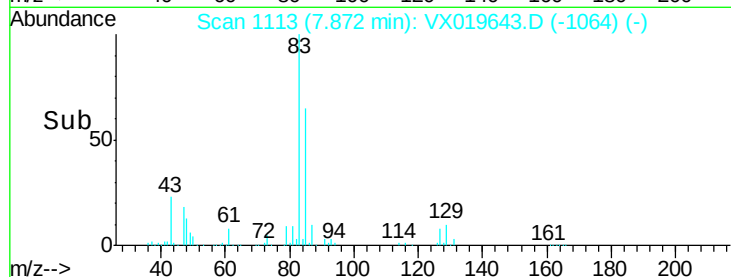
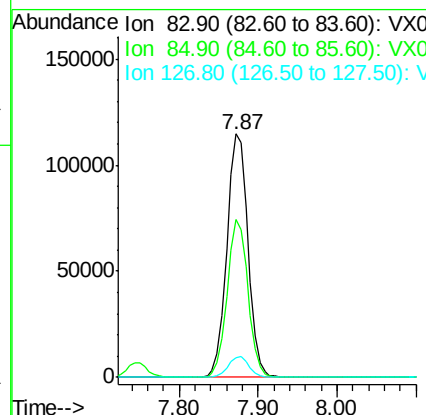
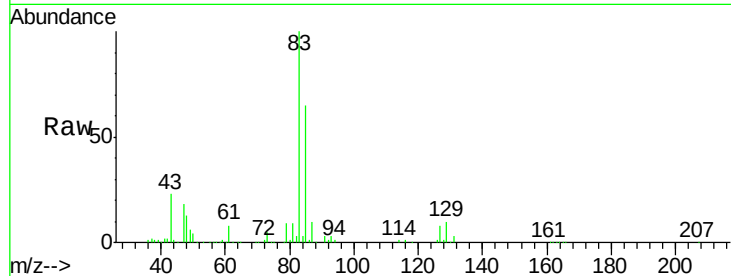




#47
Bromodichloromethane
Concen: 51.829 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

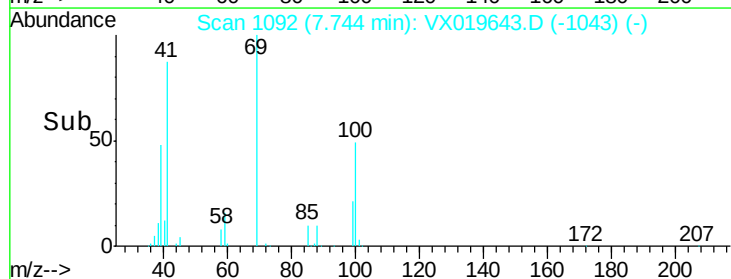
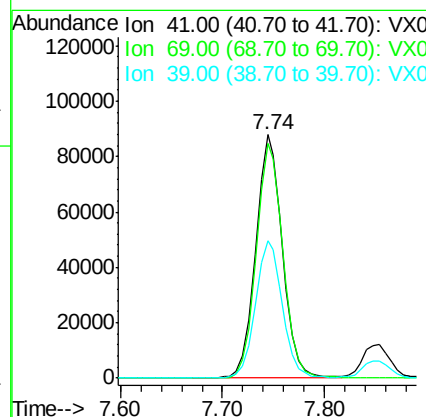
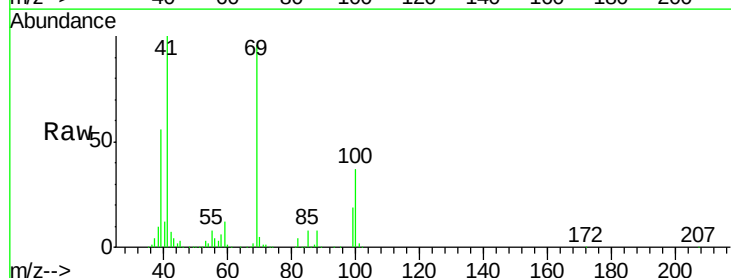
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

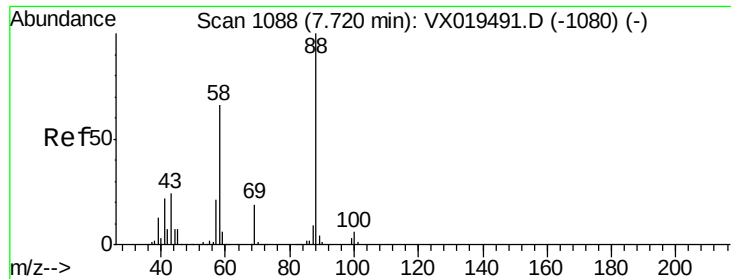
Tot Ion: 83 Resp: 213335
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.2
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 52.592 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 41 Resp: 159264
Ion Ratio Lower Upper
41 100
69 97.5 77.0 115.6
39 57.2 45.6 68.4



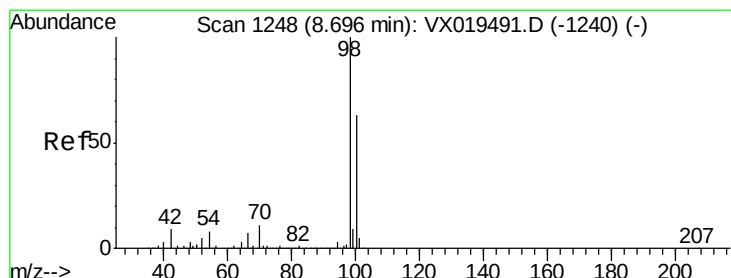
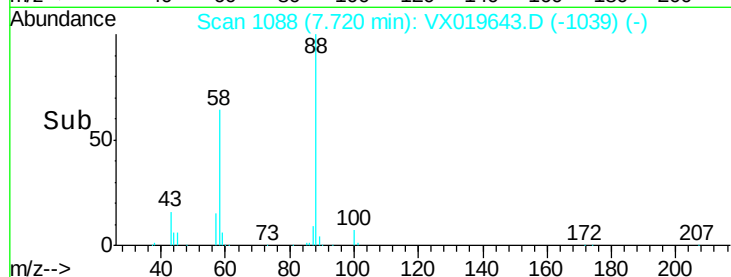
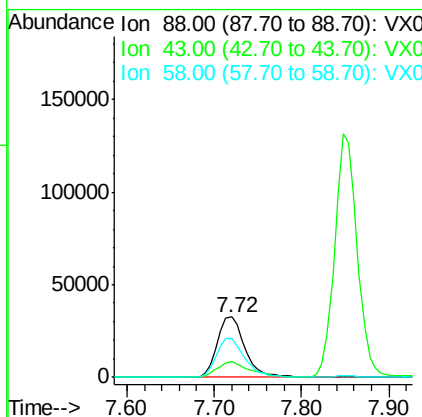
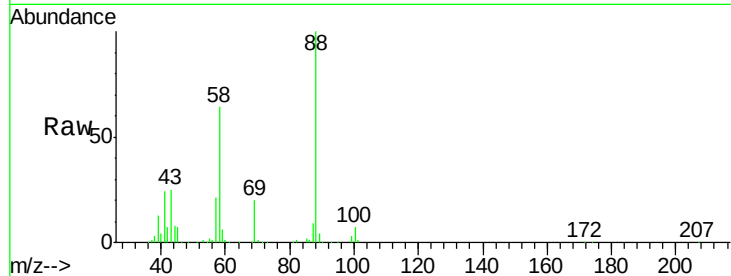


#49
 1,4-Dioxane
 Concen: 1038.663 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

Tot Ion: 88 Resp: 71417

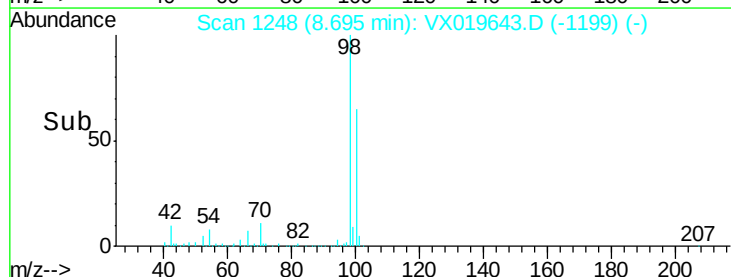
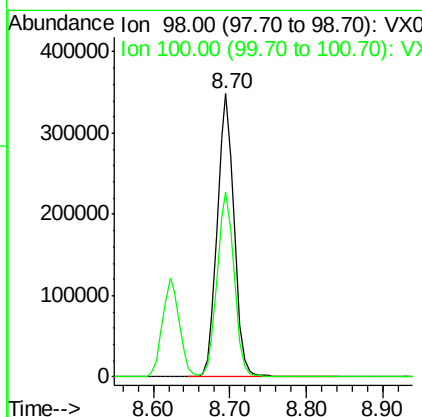
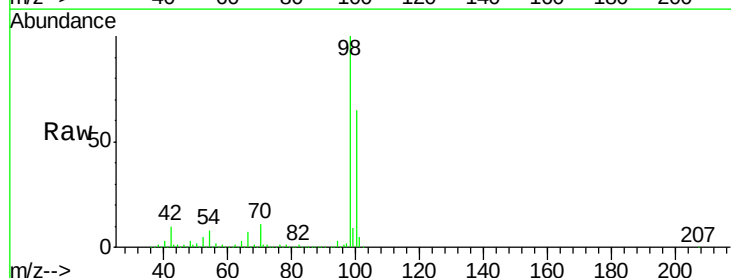
Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.8	35.6
58	66.9	54.2	81.2

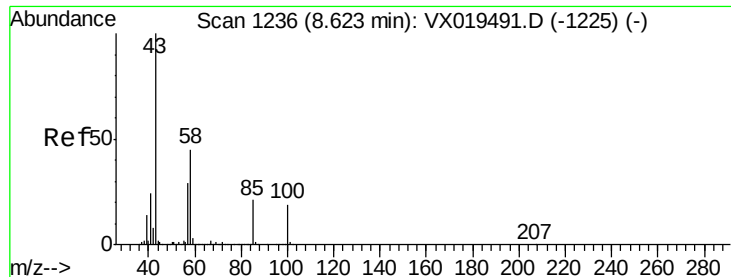


#50
 Toluene-d8
 Concen: 49.671 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion: 98 Resp: 529520

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6

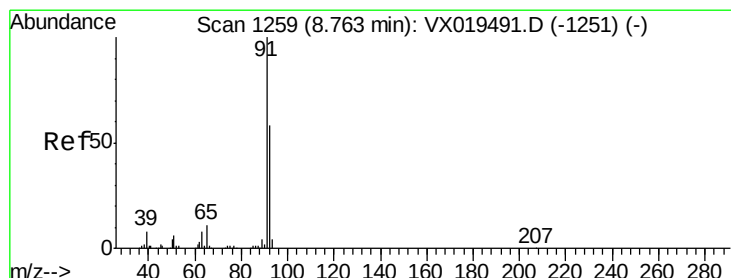
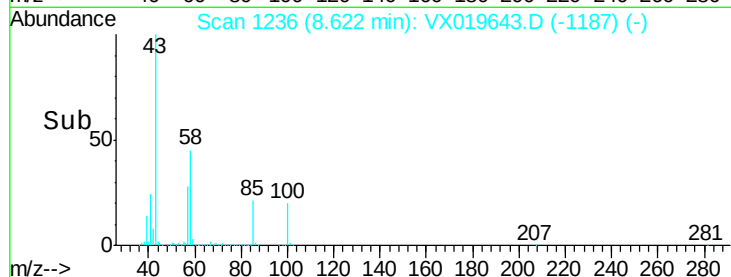
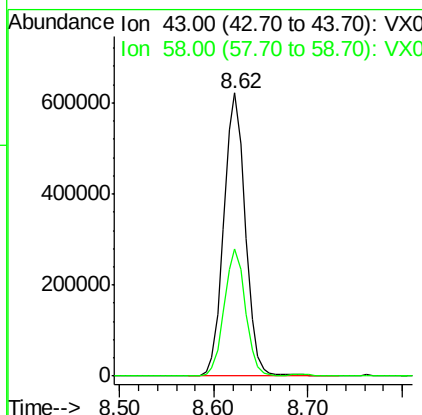
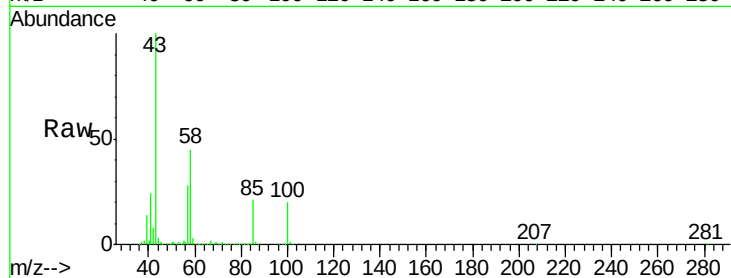




#51
 4-Methyl-2-Pentanone
 Concen: 262.545 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

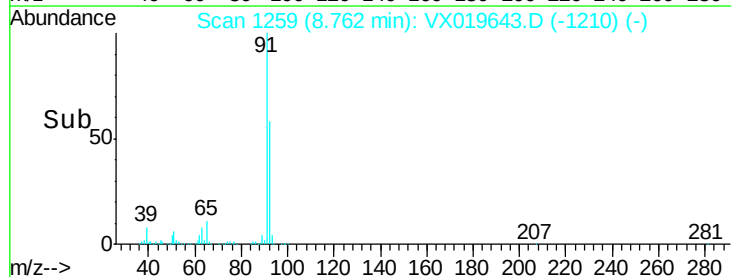
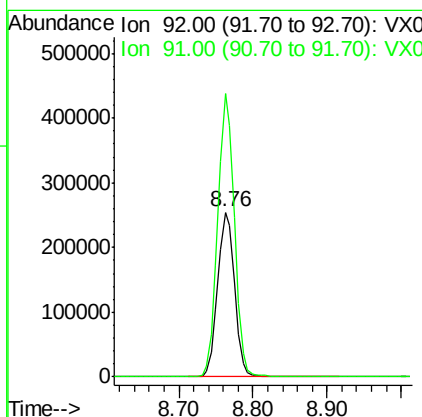
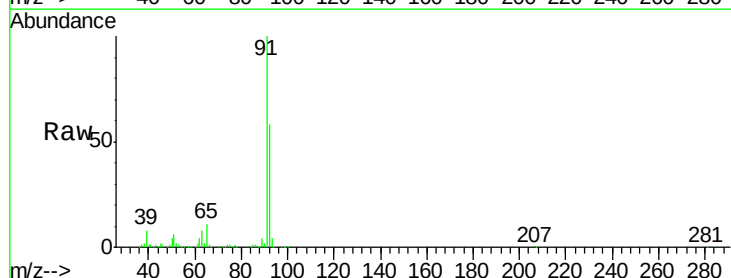
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

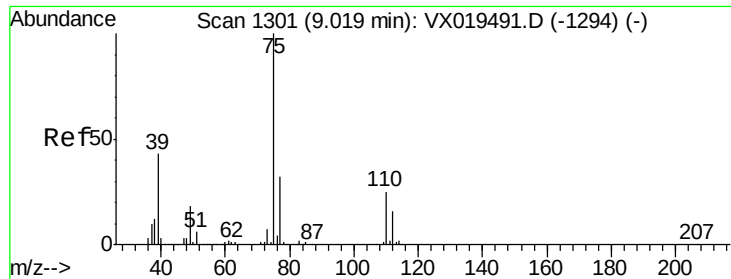
Tot Ion: 43 Resp: 989964
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.1 52.7



#52
 Toluene
 Concen: 51.693 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion: 92 Resp: 398119
 Ion Ratio Lower Upper
 92 100
 91 169.5 138.1 207.1

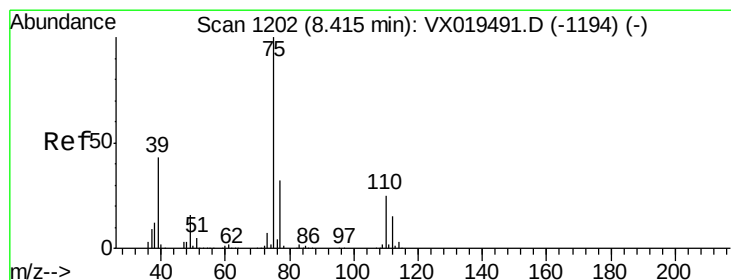
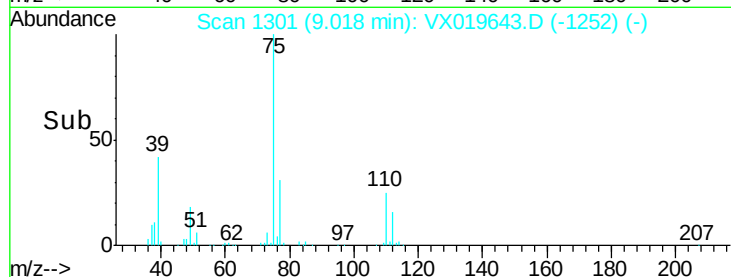
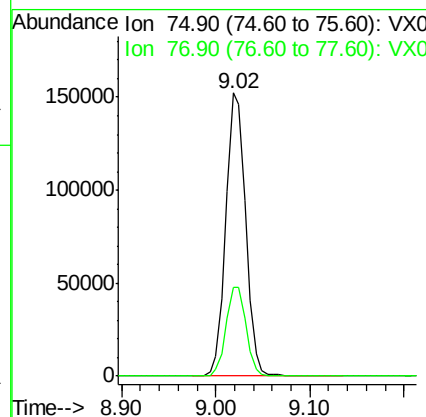
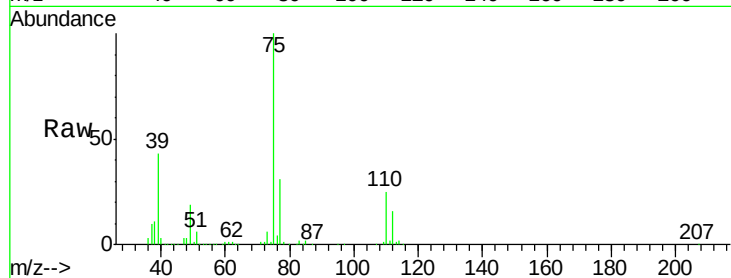




#53
 t-1,3-Dichloropropene
 Concen: 50.016 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

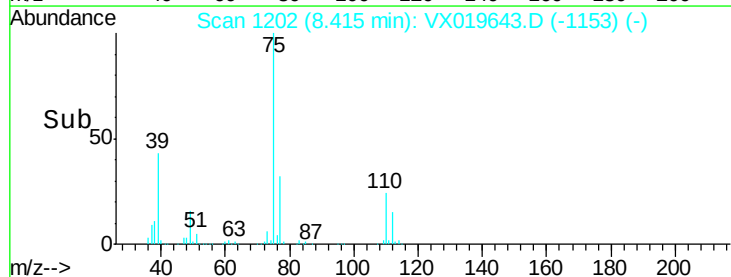
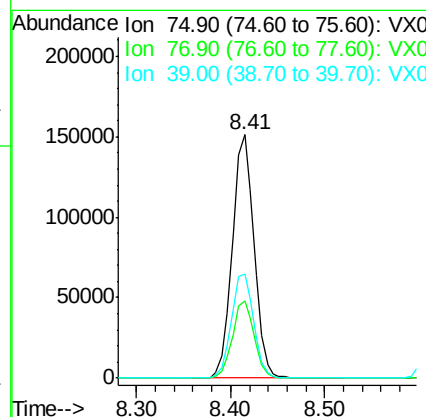
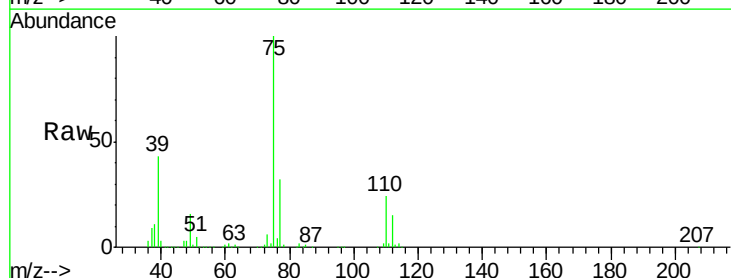
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

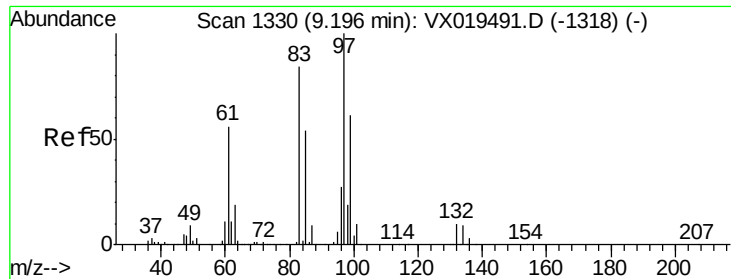
Tot Ion: 75 Resp: 222341
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.019 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion: 75 Resp: 241826
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.6
 39 42.9 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 51.752 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

Tot Ion: 97 Resp: 162322

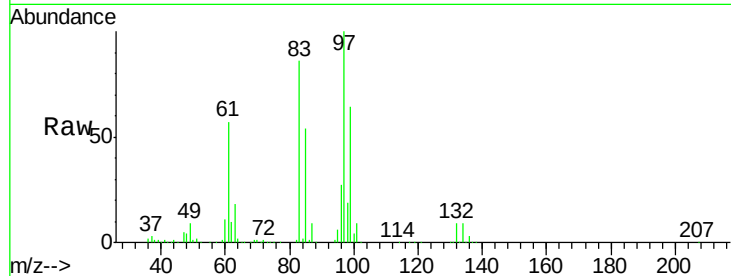
Ion Ratio Lower Upper

97 100

83 86.0 67.0 100.6

85 54.2 43.4 65.0

99 63.7 49.0 73.4

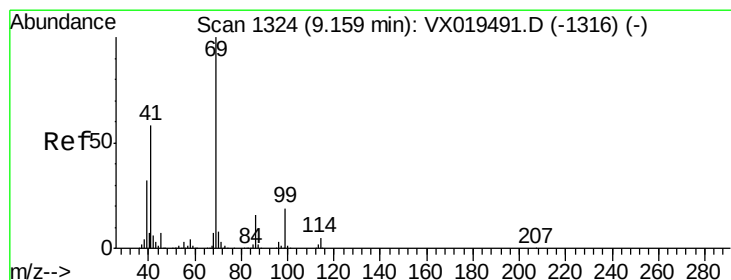
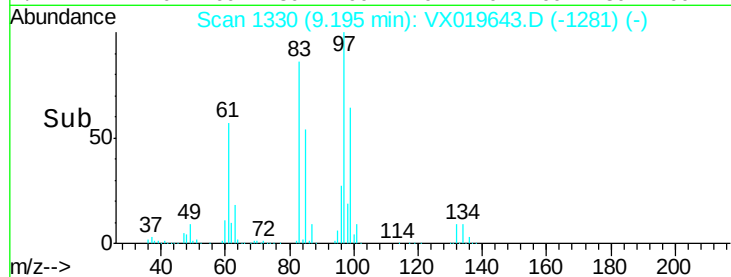
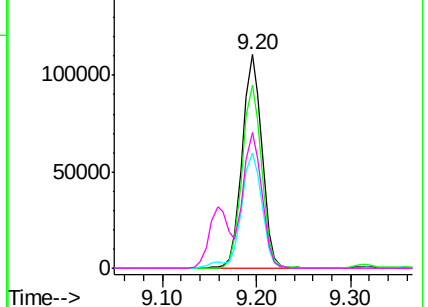


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.109 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

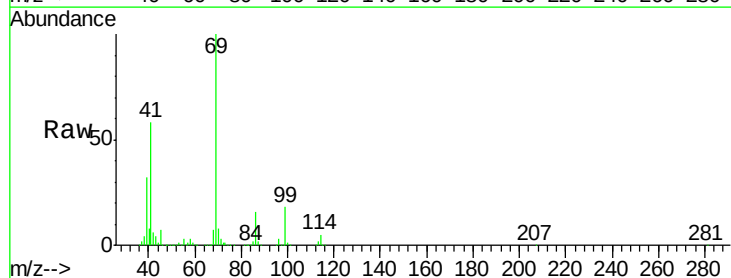
Tgt Ion: 69 Resp: 240149

Ion Ratio Lower Upper

69 100

41 57.8 46.2 69.2

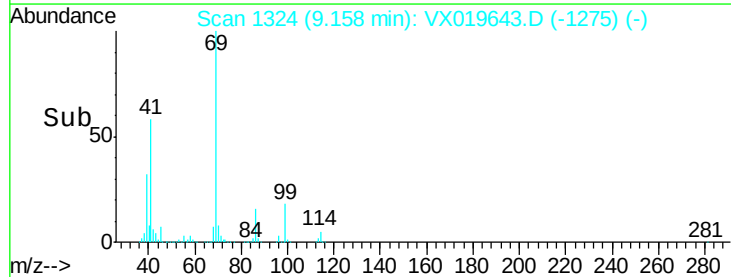
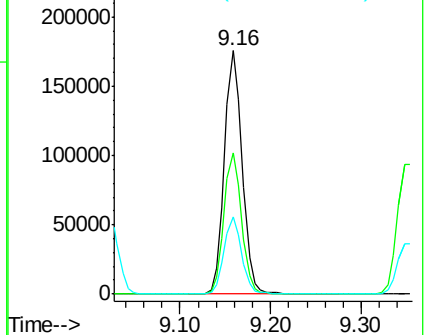
39 31.7 25.5 38.3

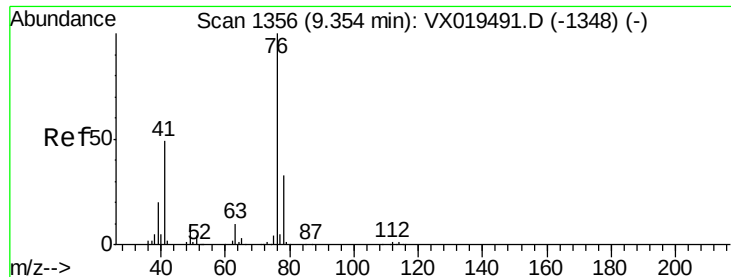


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.934 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

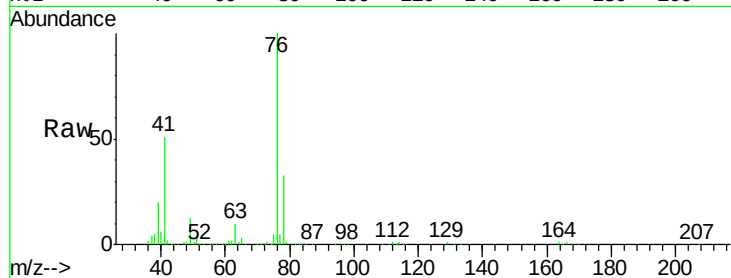
GR-OF-20201119MS

Tot Ion: 76 Resp: 272721

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

9.35

200000

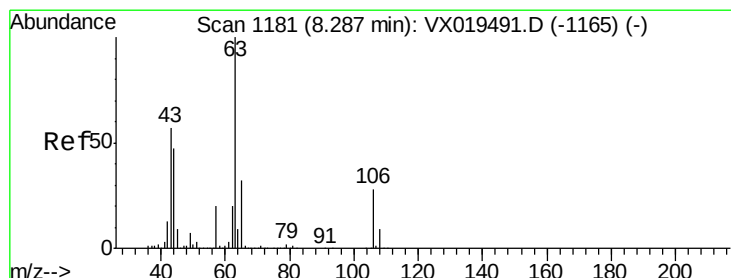
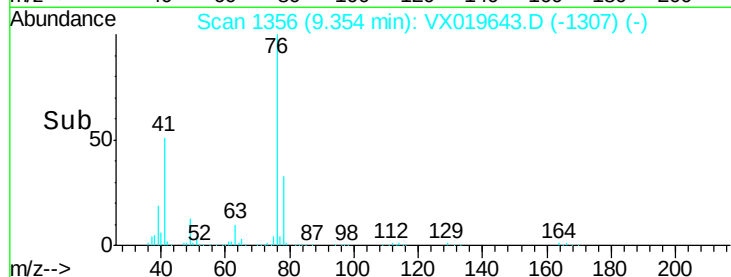
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 0.255 ug/l

RT: 8.24 min Scan# 1173

Delta R.T. -0.05 min

Lab File: VX019643.D

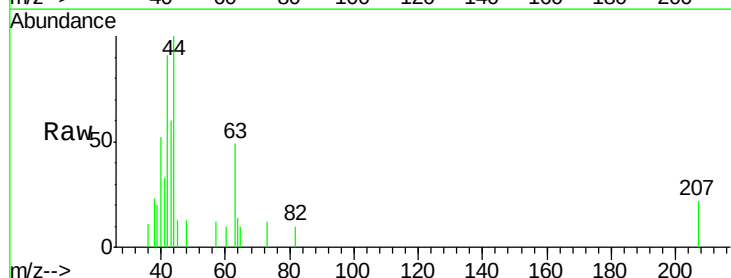
Acq: 25 Nov 2020 06:37

Tgt Ion: 63 Resp: 663

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

8.24

300

250

200

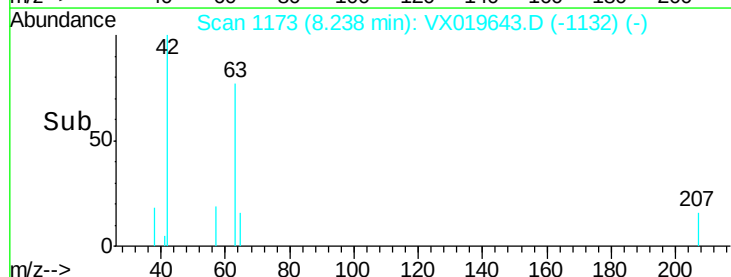
150

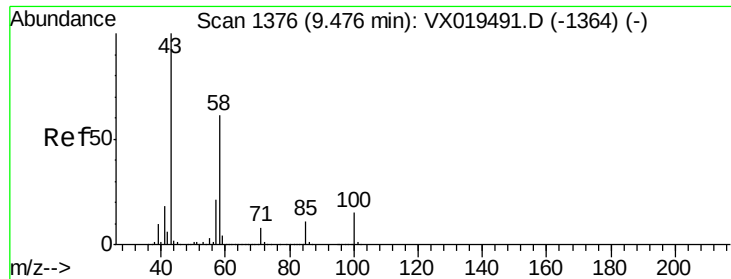
100

50

0

Time-->

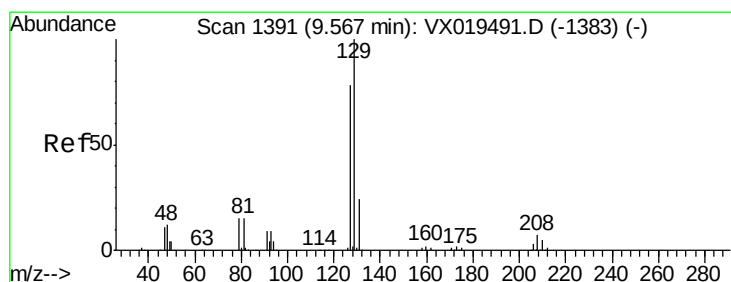
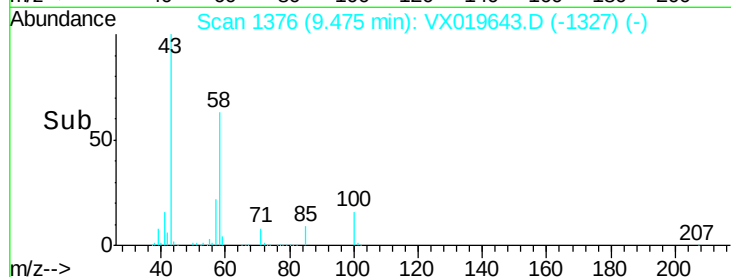
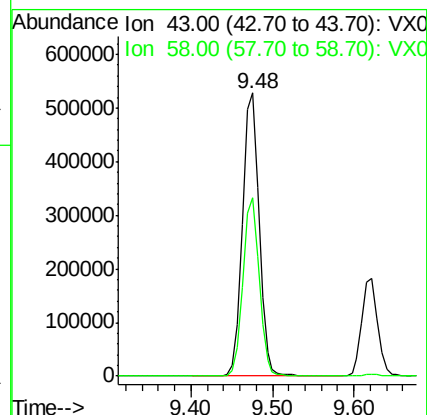
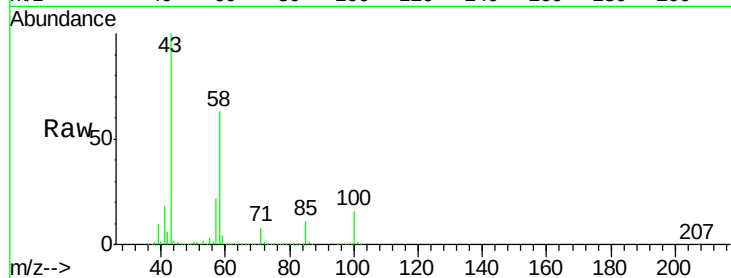




#59
2-Hexanone
Concen: 256.762 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

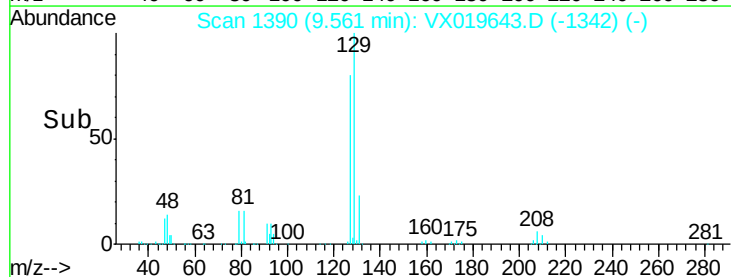
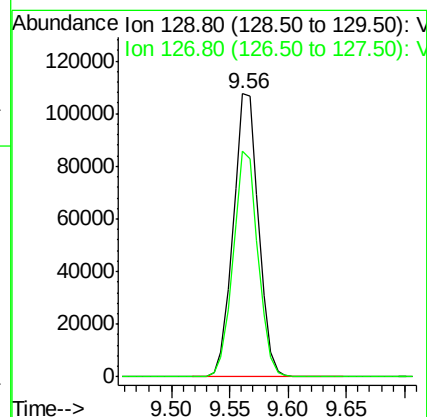
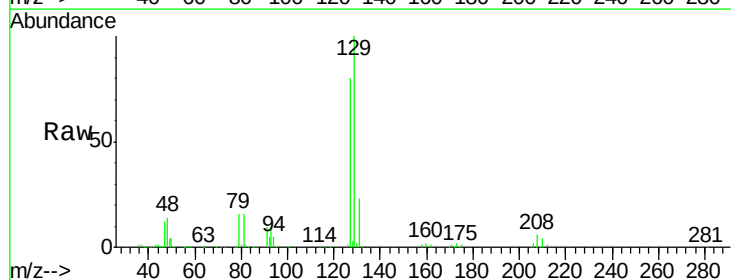
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

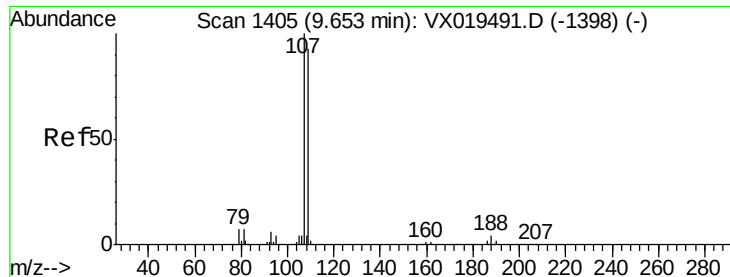
Tot Ion: 43 Resp: 734274
Ion Ratio Lower Upper
43 100
58 62.0 30.6 91.6



#60
Dibromochloromethane
Concen: 52.940 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 129 Resp: 162644
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 52.183 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

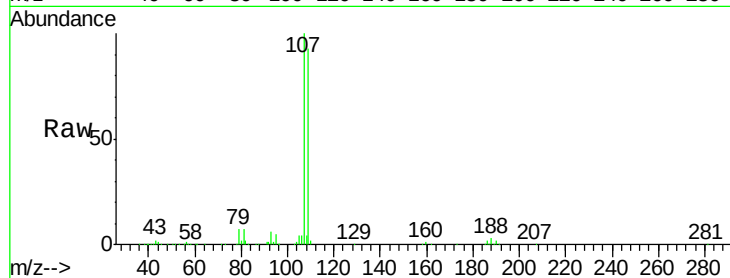
GR-OF-20201119MS

Tot Ion:107 Resp: 168712

Ion Ratio Lower Upper

107 100

109 95.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

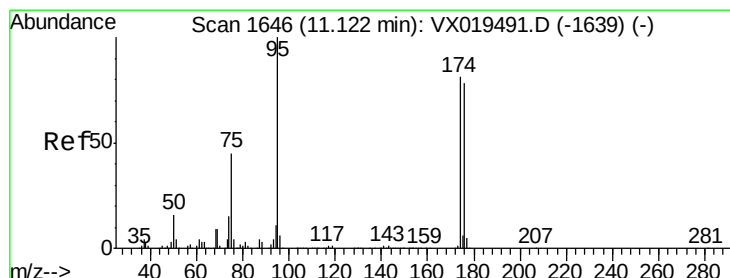
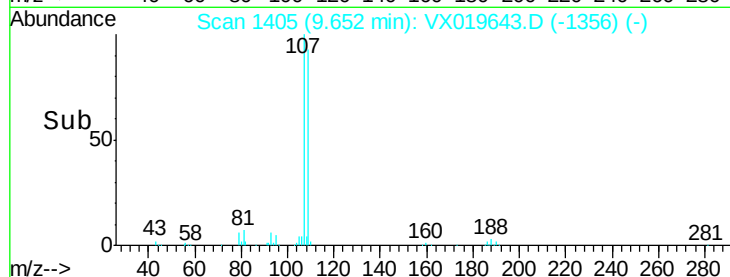
9.65

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.367 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

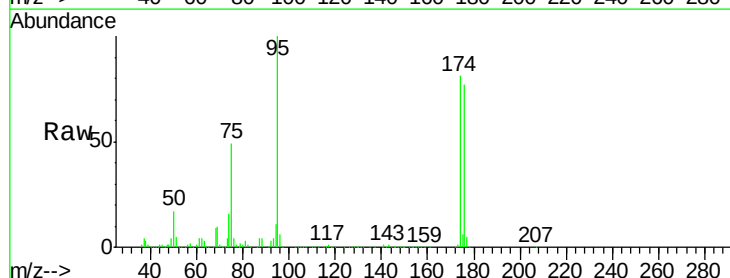
Tgt Ion: 95 Resp: 193187

Ion Ratio Lower Upper

95 100

174 78.2 0.0 156.2

176 74.4 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

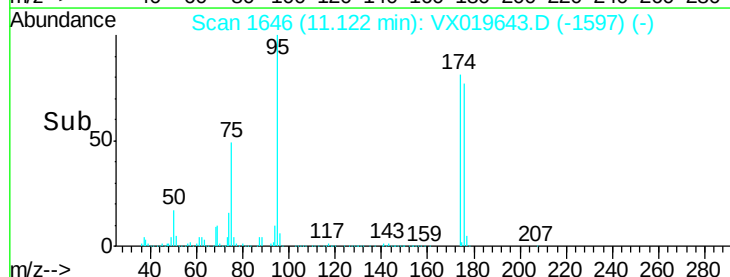
150000

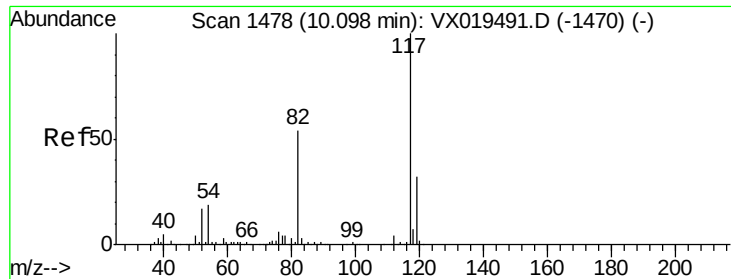
100000

50000

0

Time-->

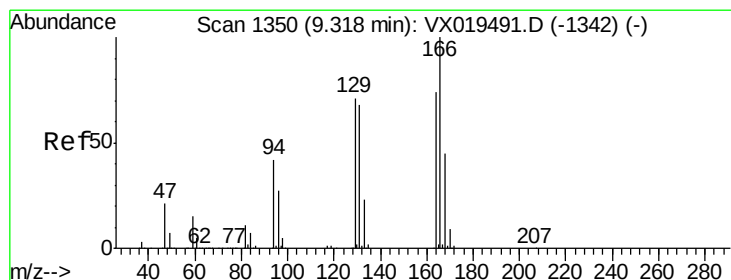
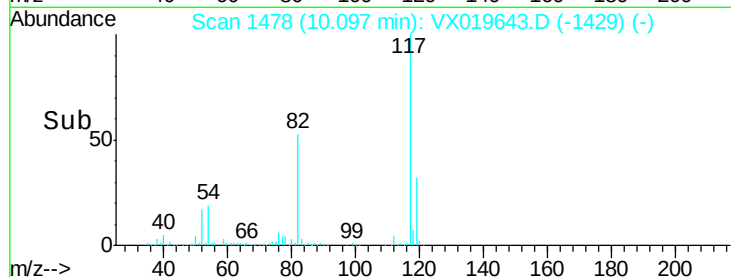
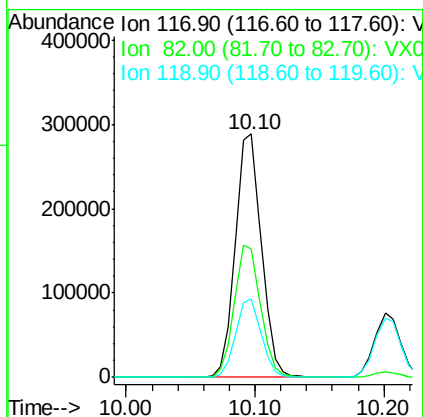
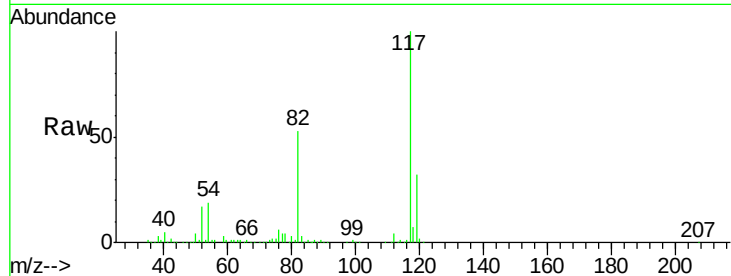




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

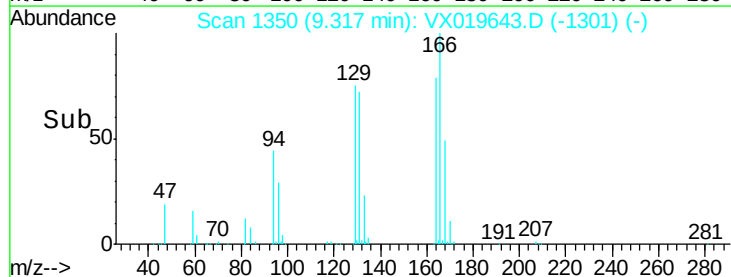
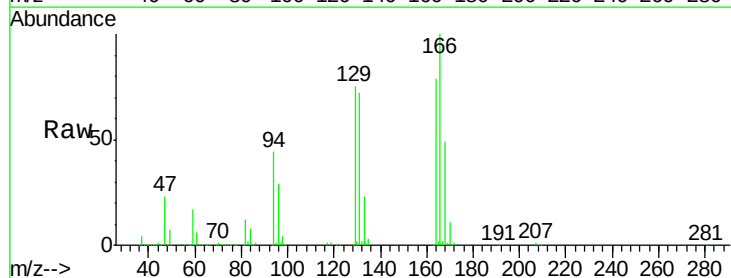
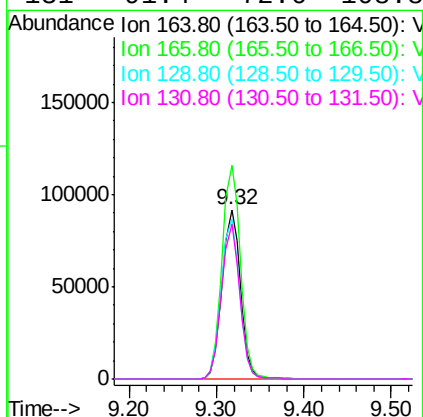
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

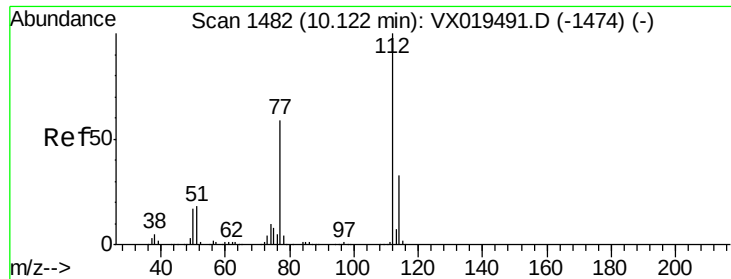
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	32.1	25.6	38.4



#64
Tetrachloroethene
Concen: 41.479 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	107.4	161.0
129	94.9	76.6	114.8
131	91.4	72.6	108.8

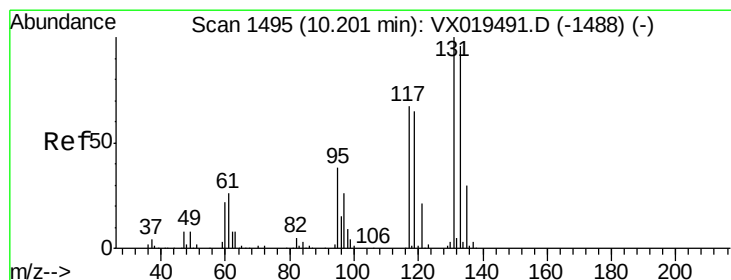
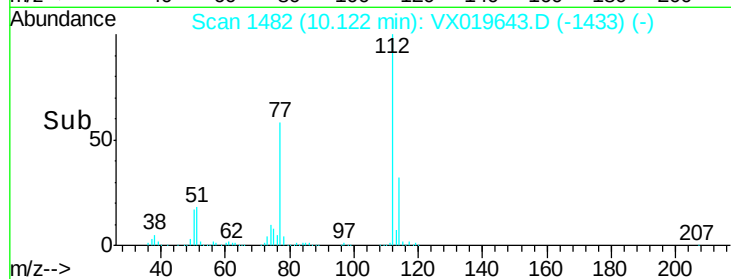
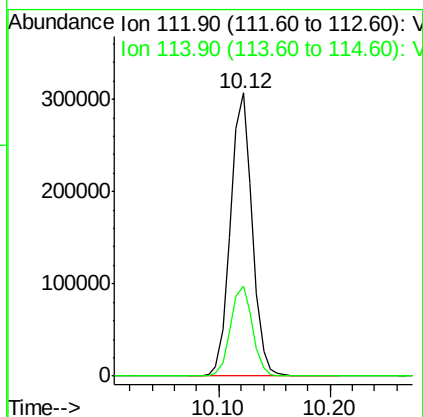
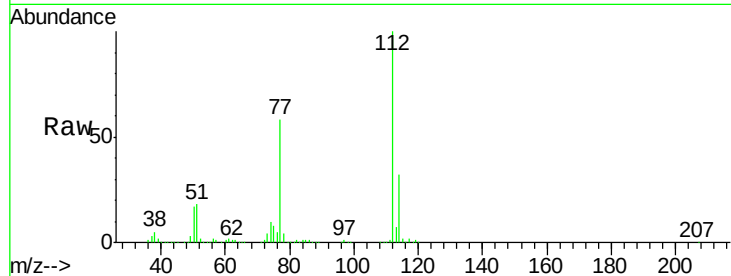




#65
Chlorobenzene
Concen: 49.260 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

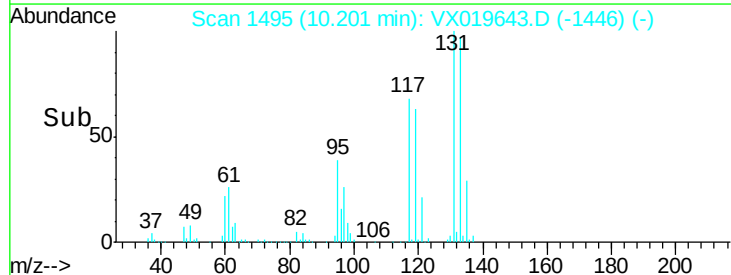
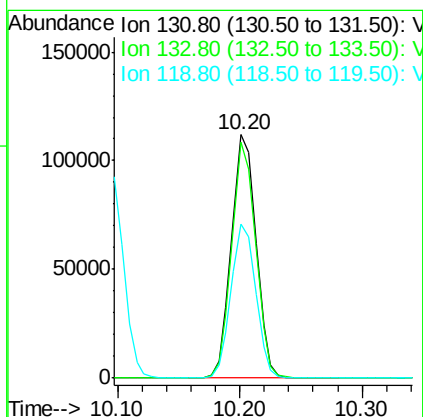
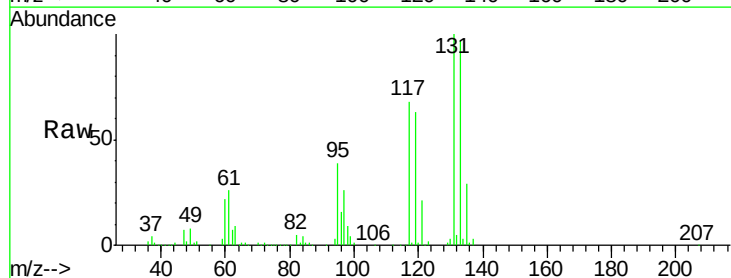
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

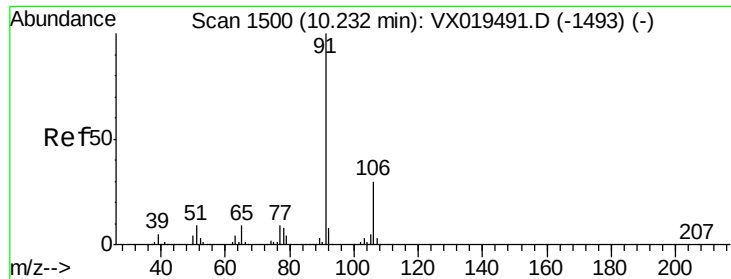
Tot Ion:112 Resp: 413392
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.927 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion:131 Resp: 155454
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 63.7 33.0 99.0

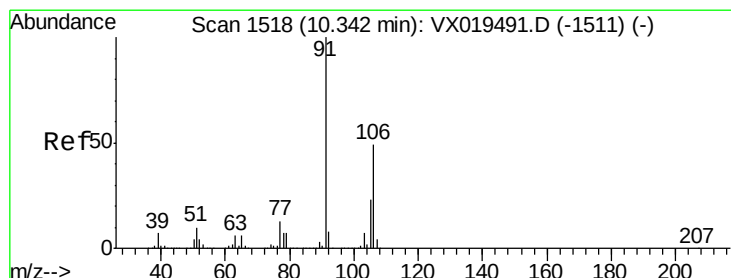
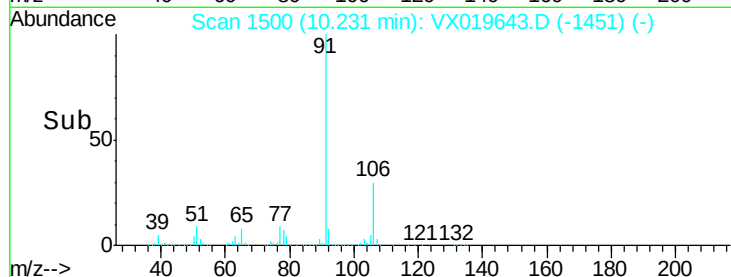
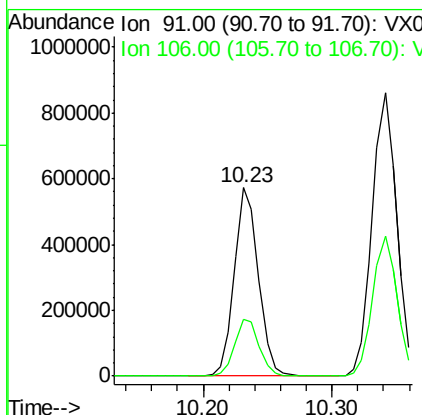
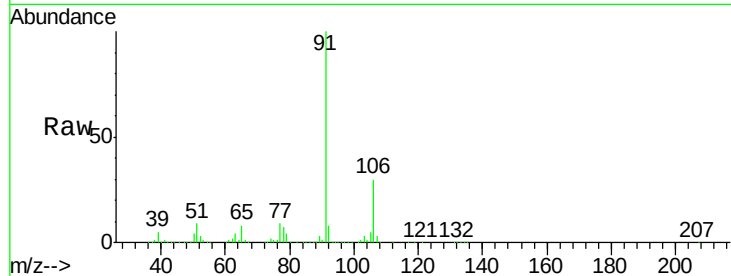




#67
Ethyl Benzene
Concen: 50.731 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

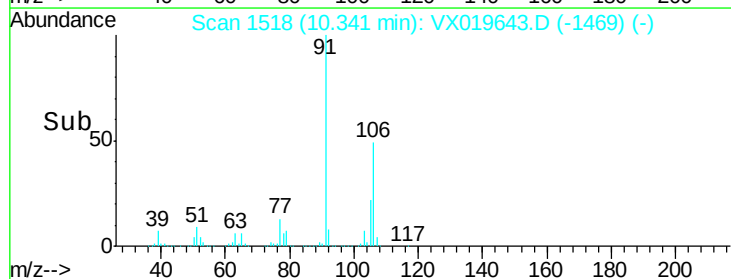
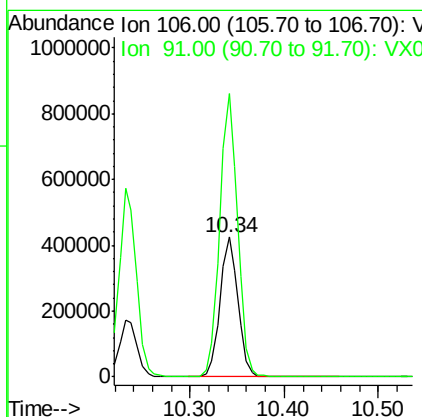
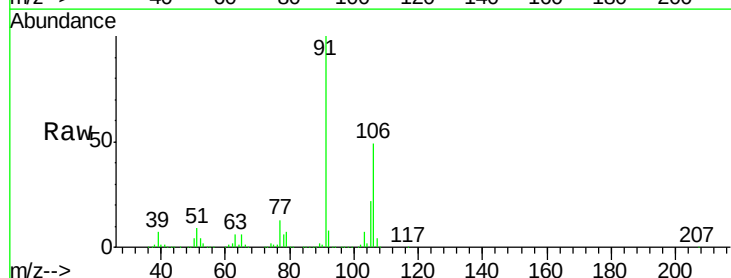
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

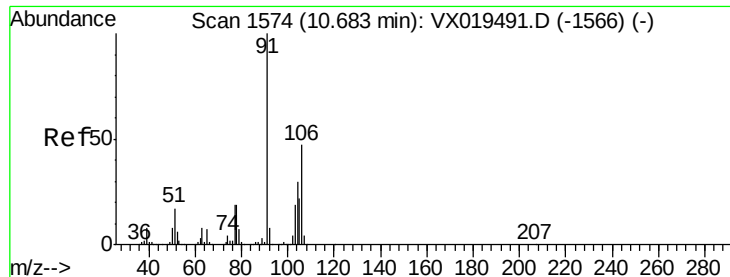
Tot Ion: 91 Resp: 745826
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 101.771 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion: 106 Resp: 557423
Ion Ratio Lower Upper
106 100
91 203.3 163.3 244.9

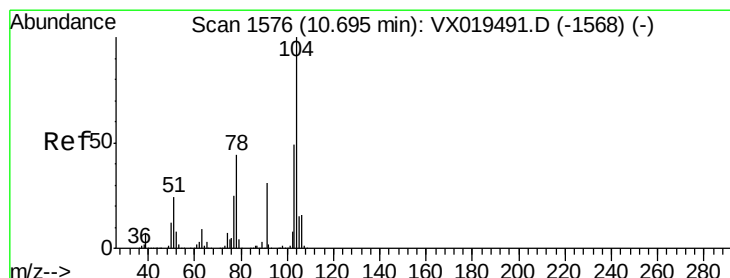
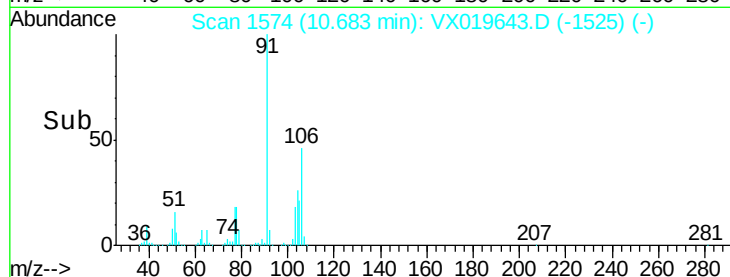
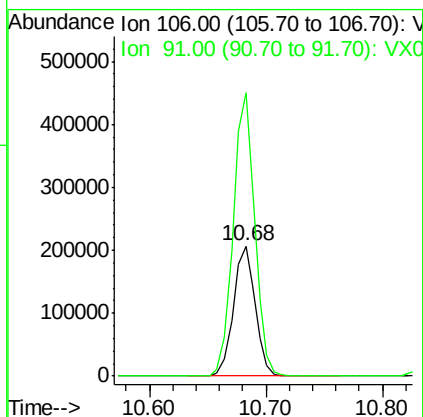
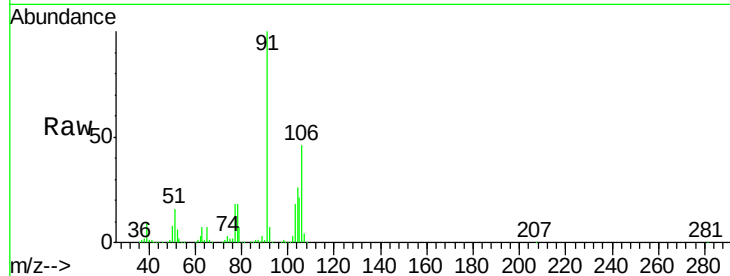




#69
o-Xylene
Concen: 51.370 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

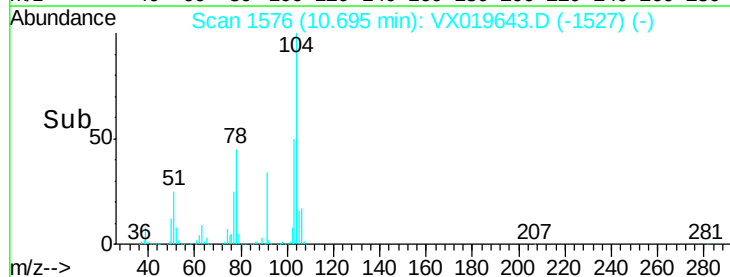
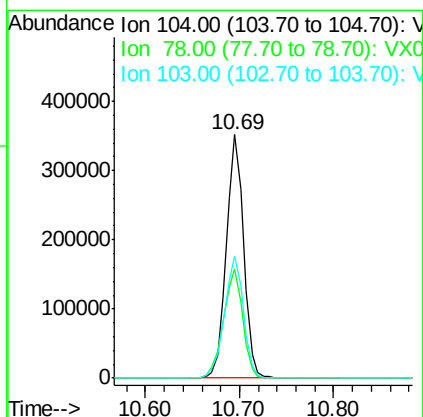
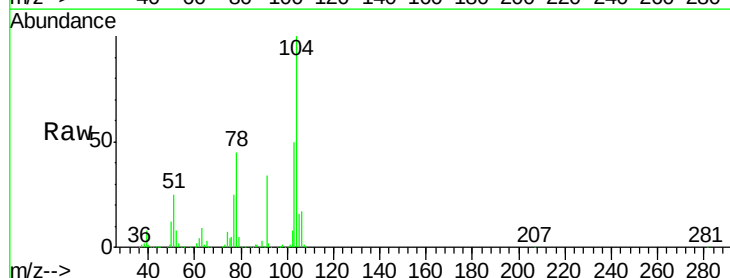
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

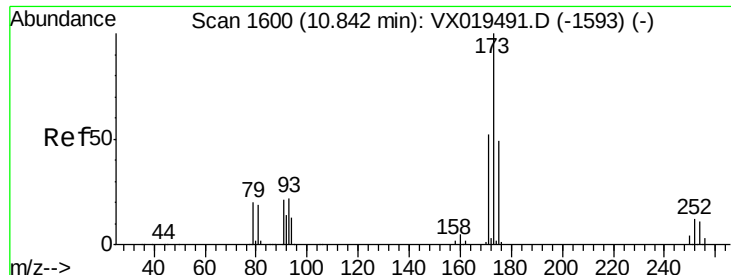
Tot Ion:106 Resp: 268964
Ion Ratio Lower Upper
106 100
91 215.3 108.0 324.0



#70
Styrene
Concen: 46.444 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion:104 Resp: 448955
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 54.6 43.6 65.4





#71

Bromoform

Concen: 44.829 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

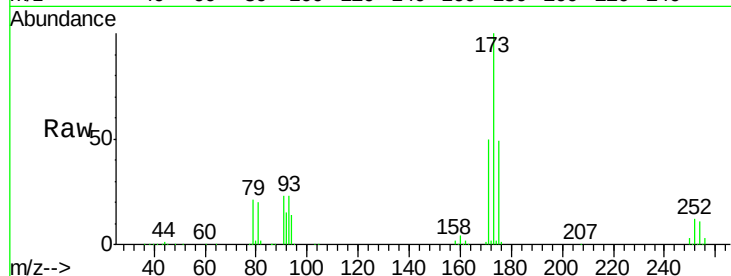
Tot Ion:173 Resp: 114882

Ion Ratio Lower Upper

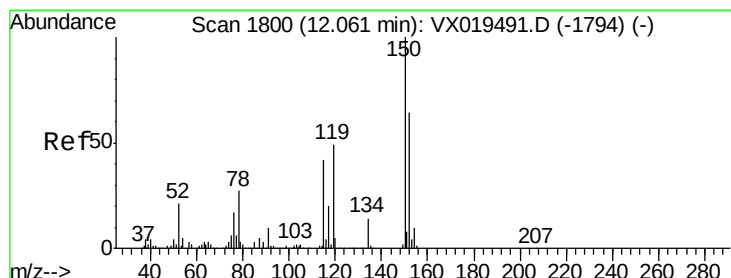
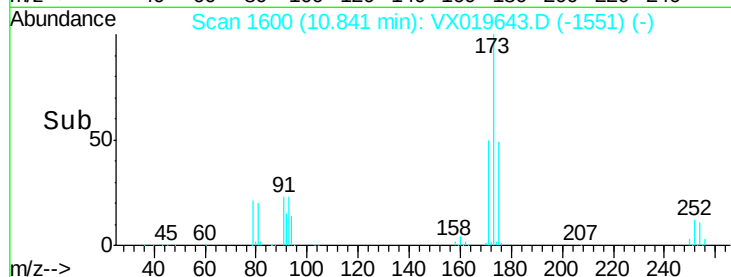
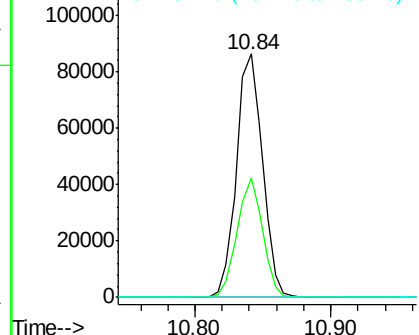
173 100

175 47.9 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: VX019643.D

Acq: 25 Nov 2020 06:37

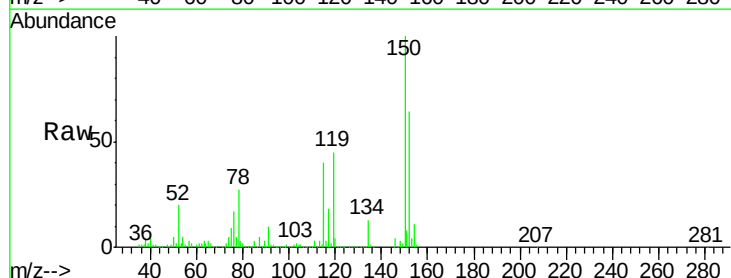
Tgt Ion:152 Resp: 192181

Ion Ratio Lower Upper

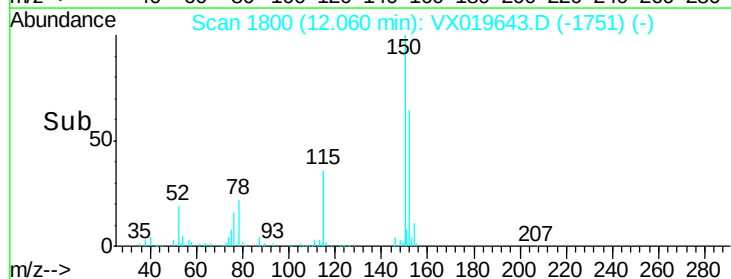
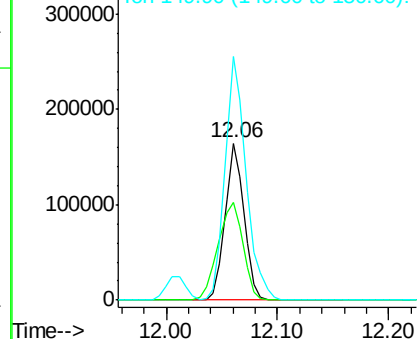
152 100

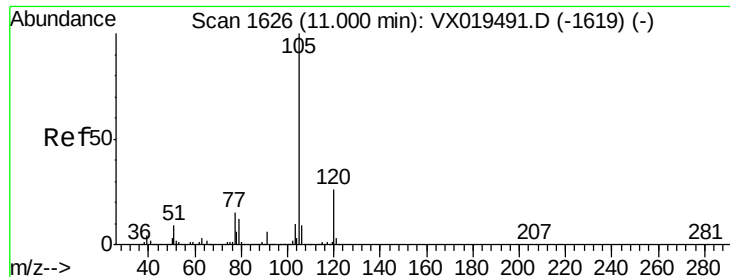
115 82.5 41.8 125.4

150 174.6 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: 53.450 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

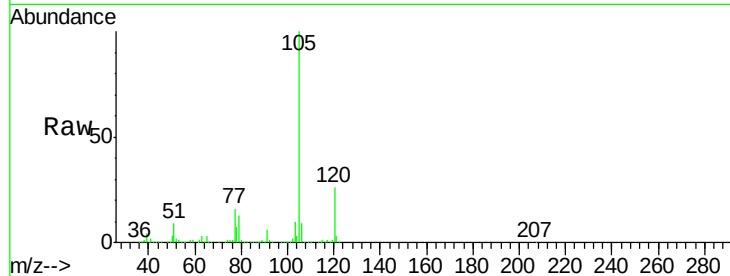
GR-OF-20201119MS

Tot Ion:105 Resp: 710598

Ion Ratio Lower Upper

105 100

120 26.1 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

500000

400000

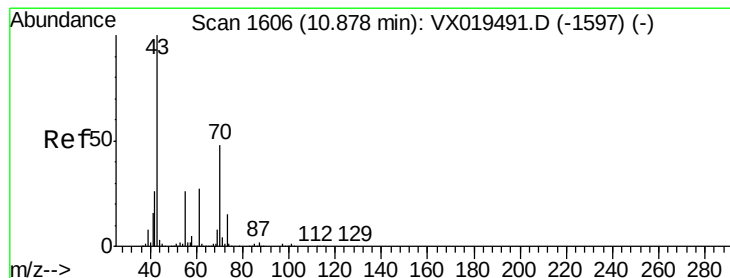
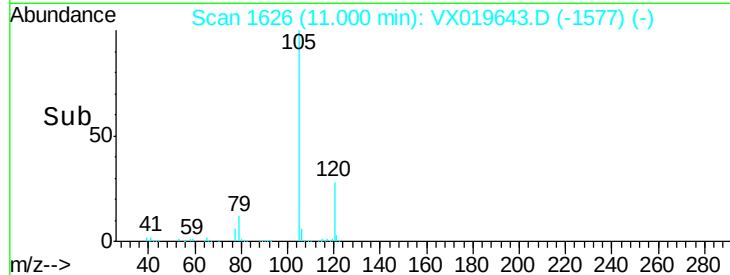
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.852 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Tgt Ion: 43 Resp: 243367

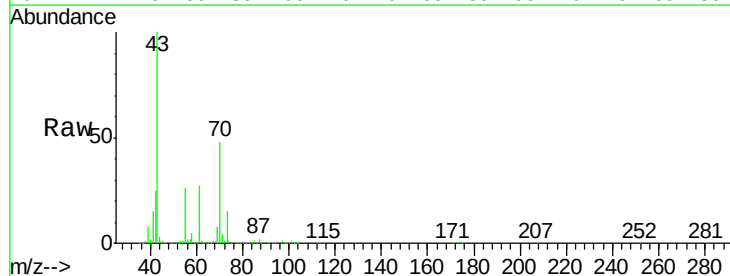
Ion Ratio Lower Upper

43 100

70 49.2 39.7 59.5

55 27.1 21.8 32.6

61 27.7 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

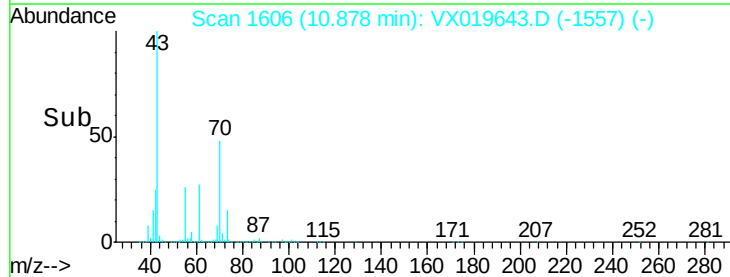
150000

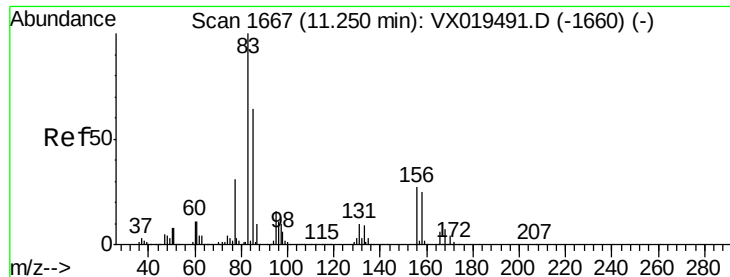
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.448 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

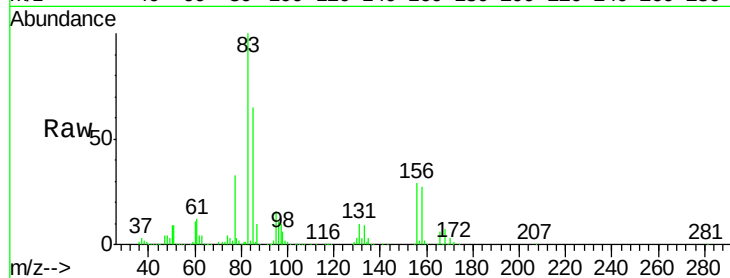
Tot Ion: 83 Resp: 244598

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

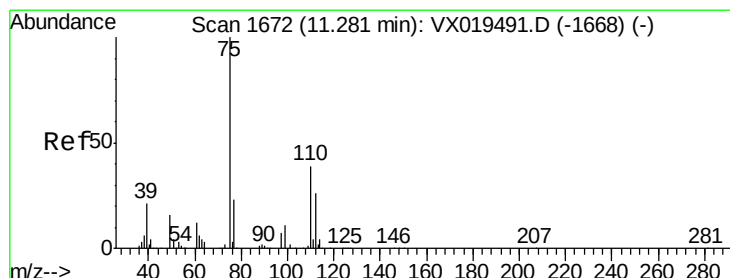
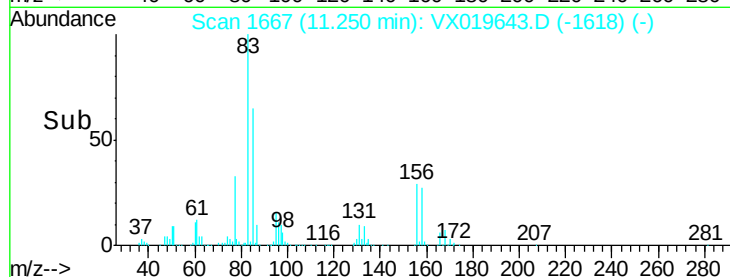
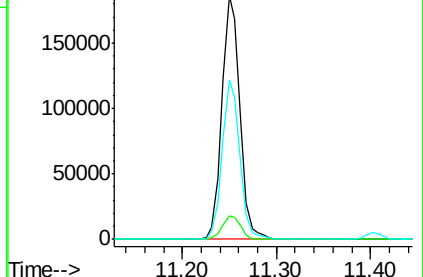
85 64.8 32.4 97.2



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: 63.329 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019643.D

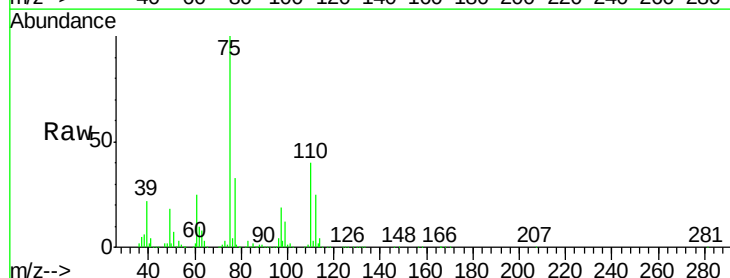
Acq: 25 Nov 2020 06:37

Tgt Ion: 75 Resp: 265604

Ion Ratio Lower Upper

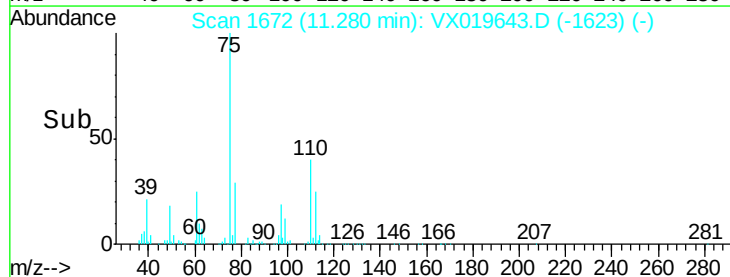
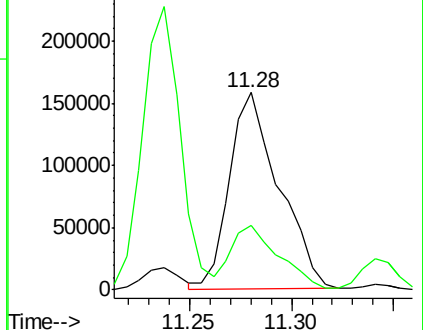
75 100

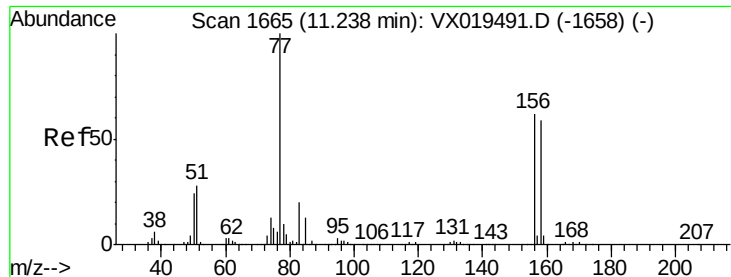
77 32.0 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.213 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

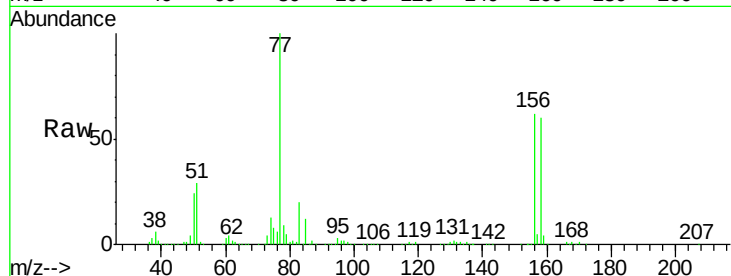
Tot Ion:156 Resp: 177207

Ion Ratio Lower Upper

156 100

77 164.8 82.5 247.3

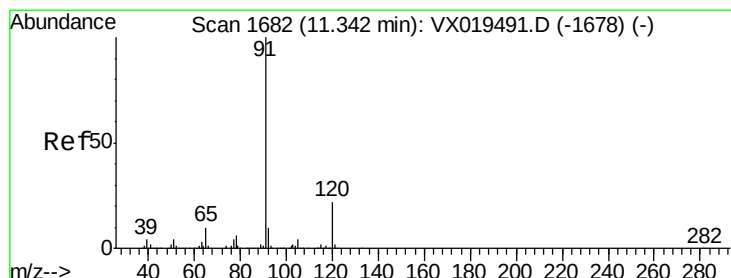
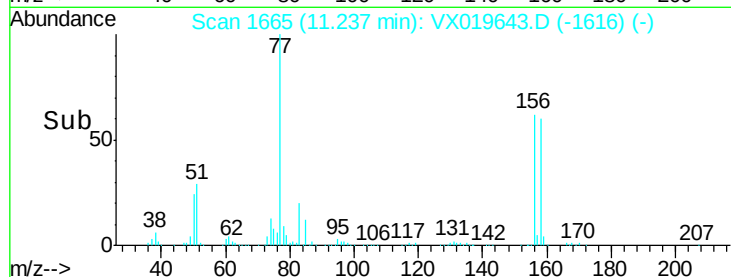
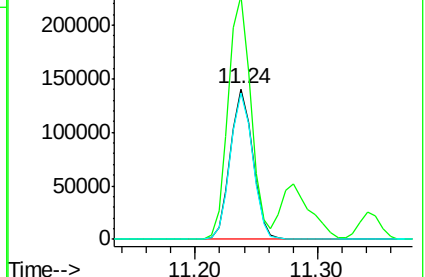
158 97.5 48.9 146.7



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: 51.546 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019643.D

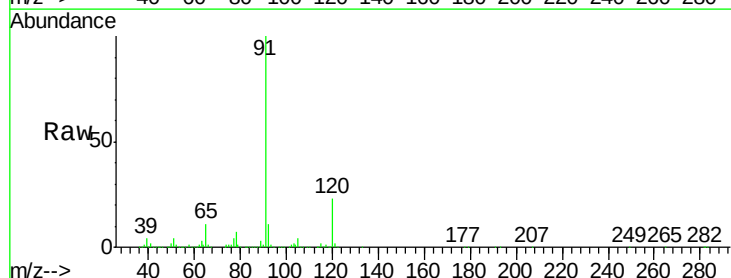
Acq: 25 Nov 2020 06:37

Tgt Ion: 91 Resp: 786157

Ion Ratio Lower Upper

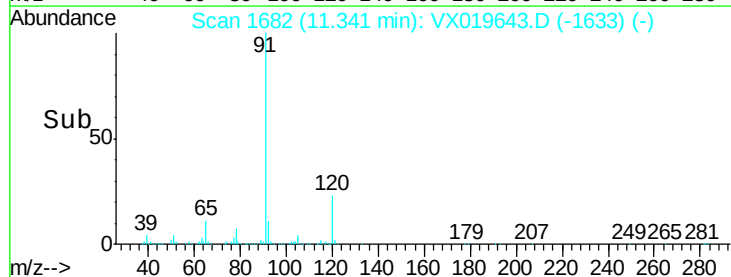
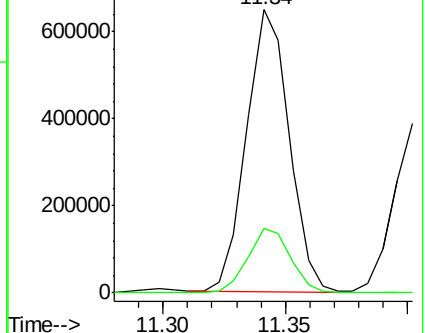
91 100

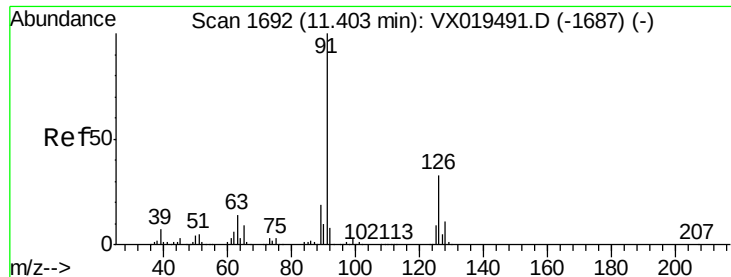
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

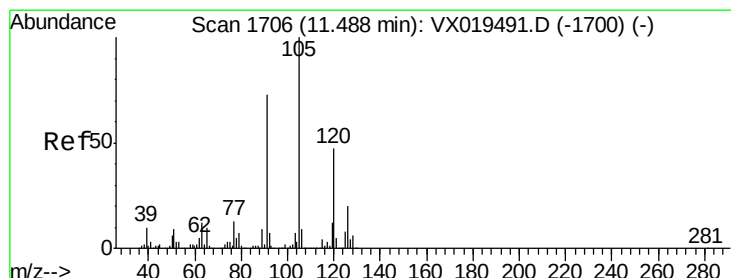
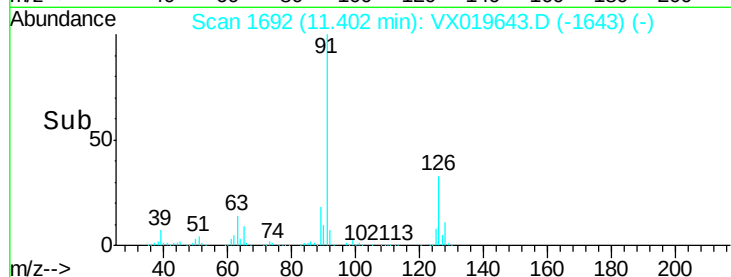
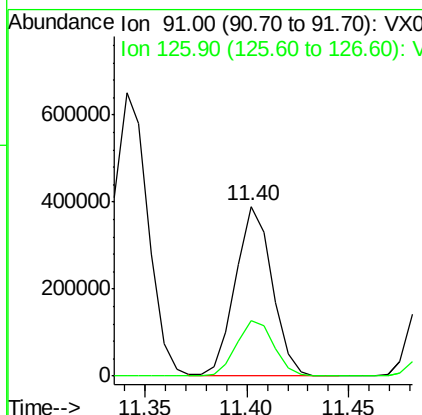
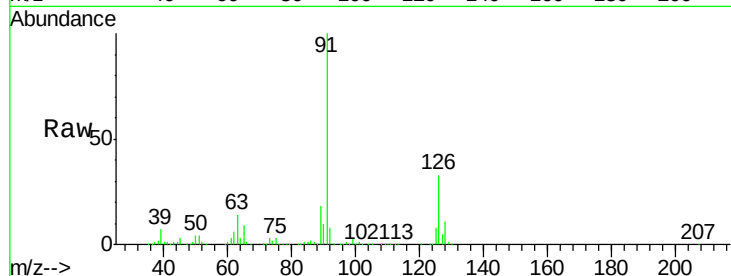




#79
 2-Chlorotoluene
 Concen: 52.375 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

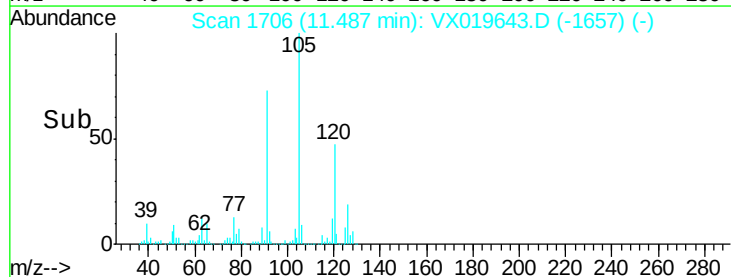
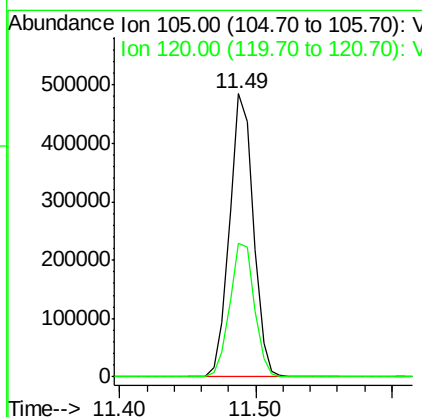
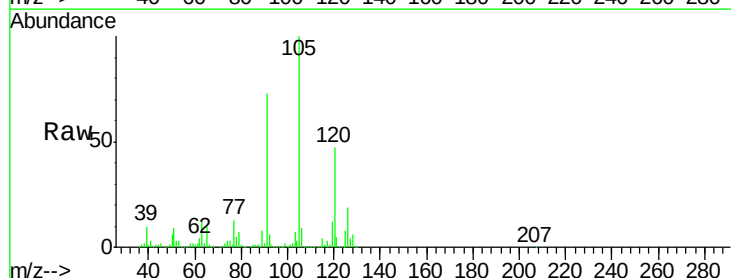
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

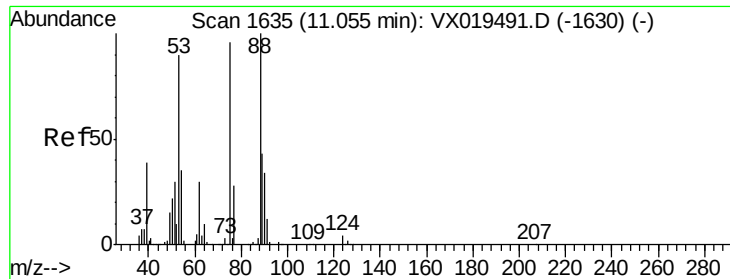
Tot Ion: 91 Resp: 484443
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.705 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion: 105 Resp: 587802
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.086 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

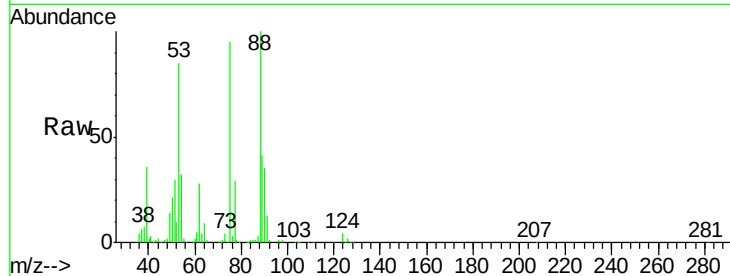
Tot Ion: 75 Resp: 67608

Ion Ratio Lower Upper

75 100

53 95.7 73.9 110.9

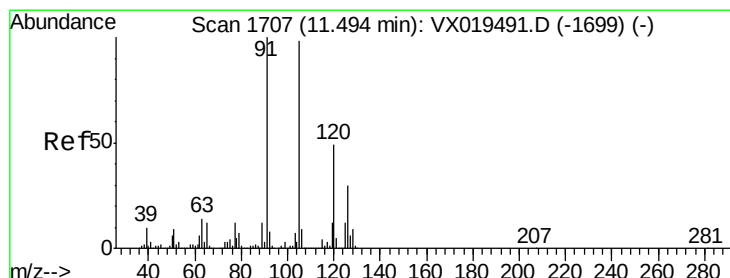
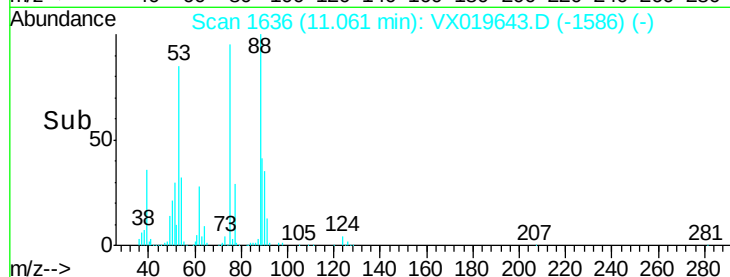
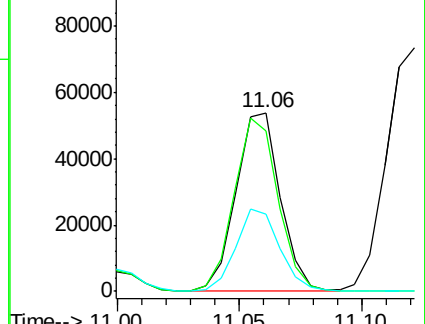
89 45.8 37.3 55.9



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: 51.834 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019643.D

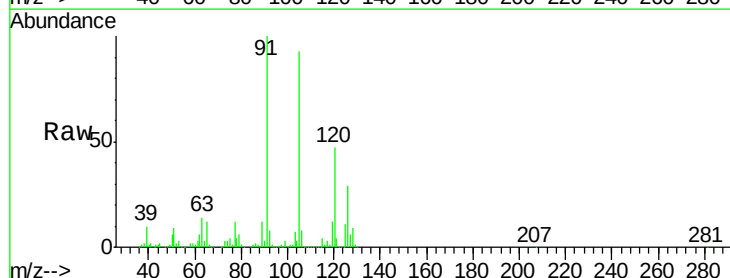
Acq: 25 Nov 2020 06:37

Tgt Ion: 91 Resp: 564402

Ion Ratio Lower Upper

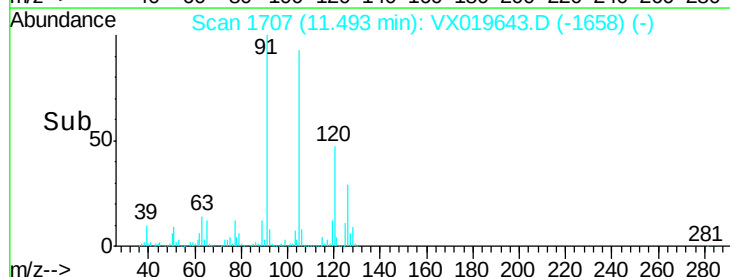
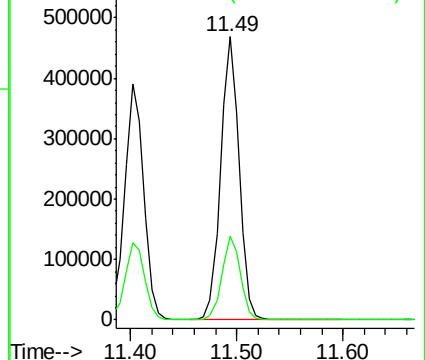
91 100

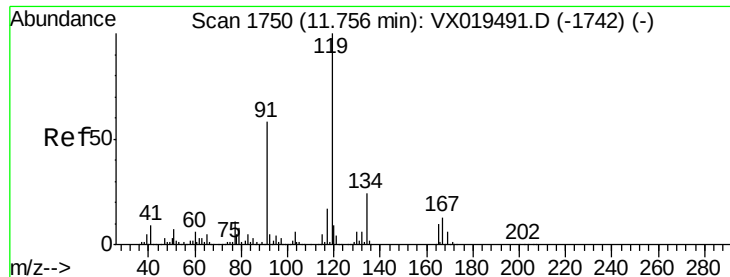
126 29.5 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

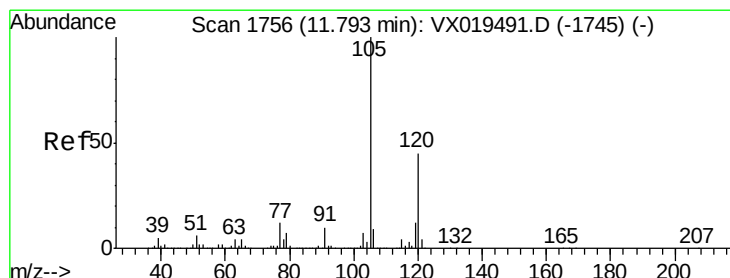
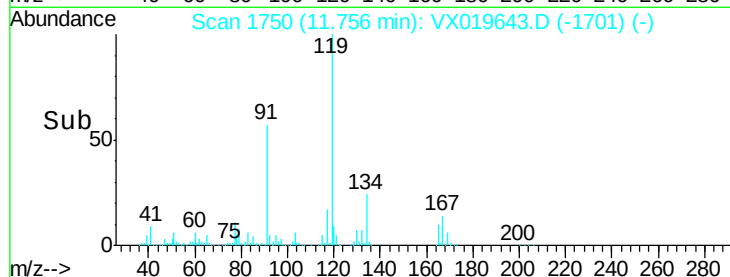
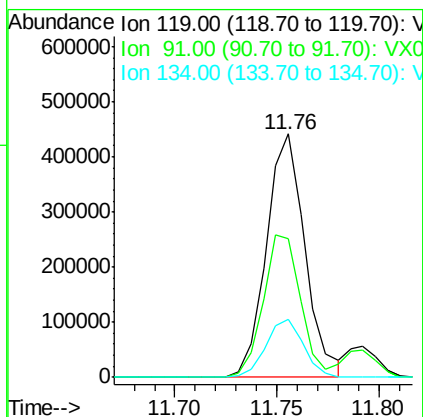
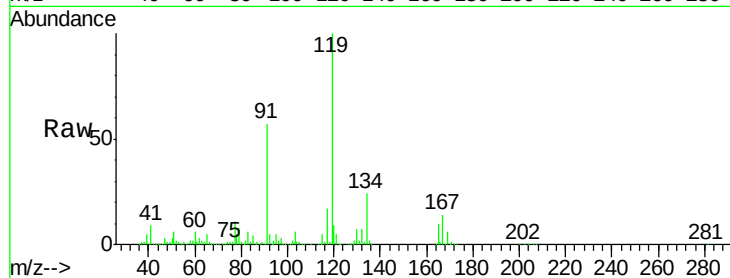




#83
 tert-Butylbenzene
 Concen: 53.832 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

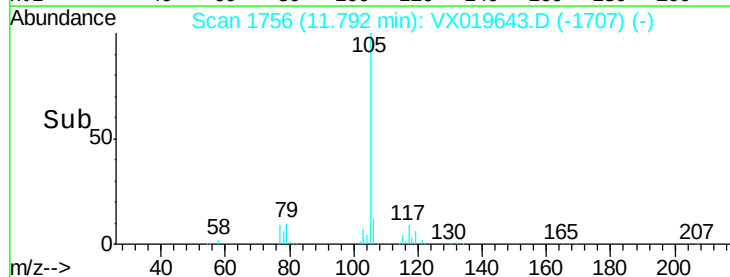
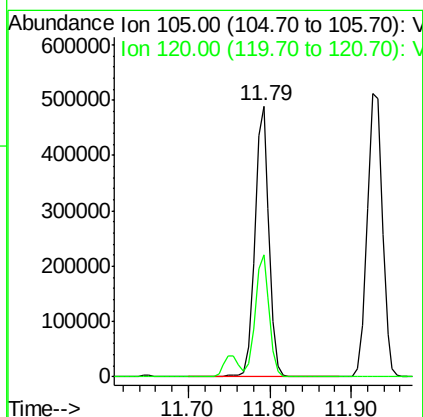
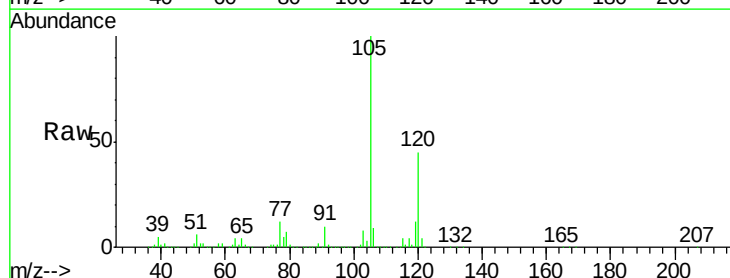
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

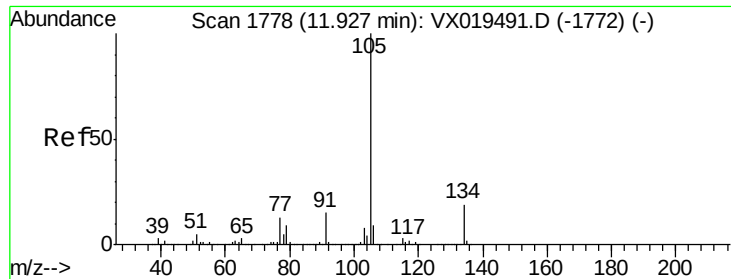
Tot Ion:119 Resp: 580822
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.9 86.8
 134 23.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.905 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion:105 Resp: 596992
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.2 66.6

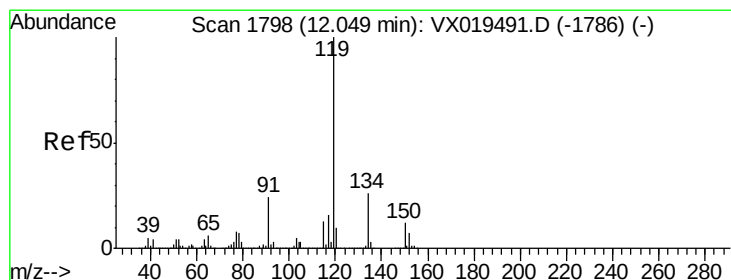
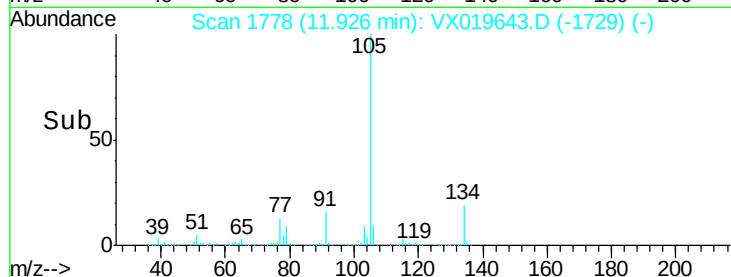
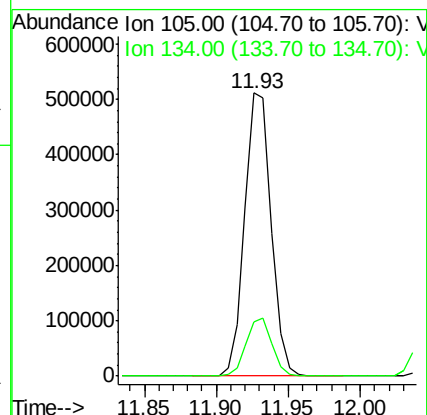
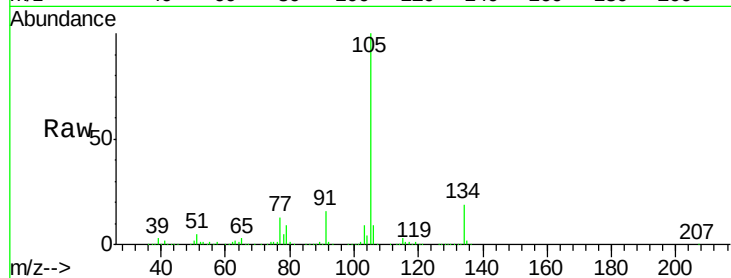




#85
 sec-Butylbenzene
 Concen: 50.798 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

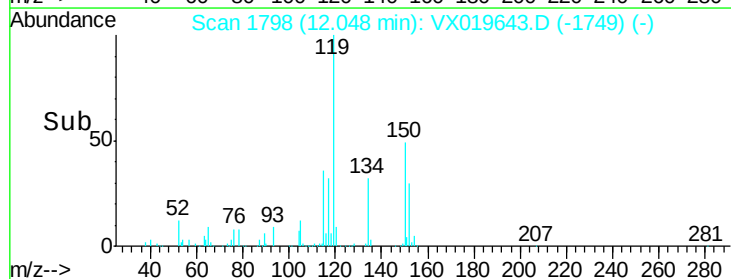
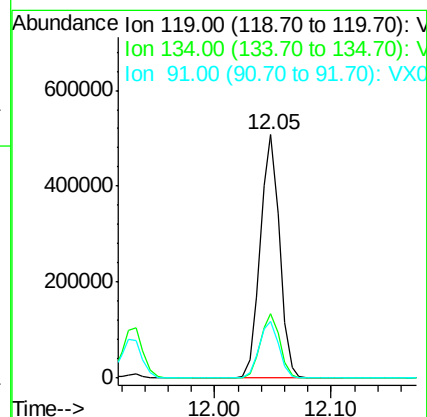
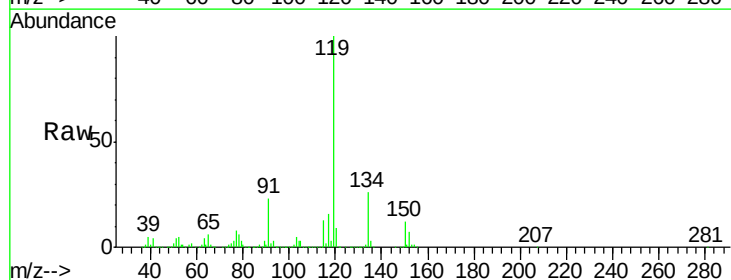
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

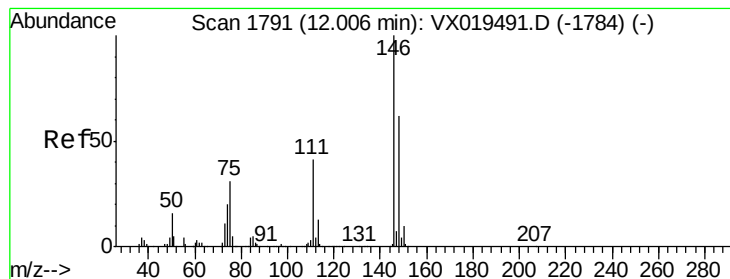
Tot Ion:105 Resp: 652042
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.454 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion:119 Resp: 587992
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.9 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.770 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

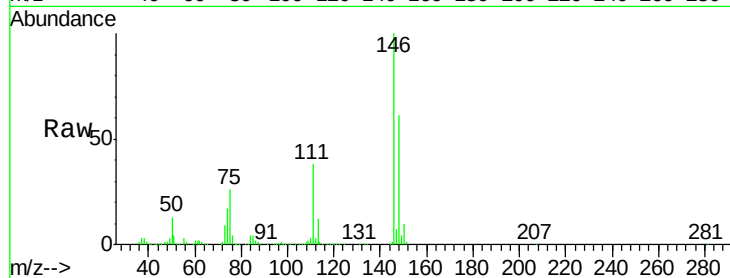
Tot Ion:146 Resp: 310213

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

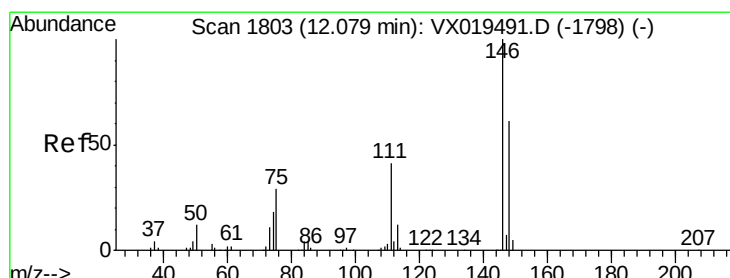
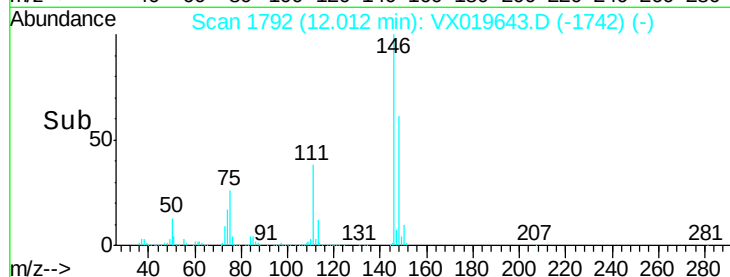
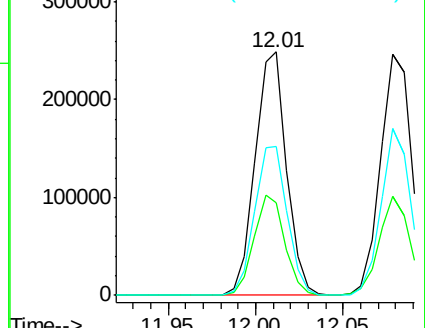
148 63.7 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.852 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

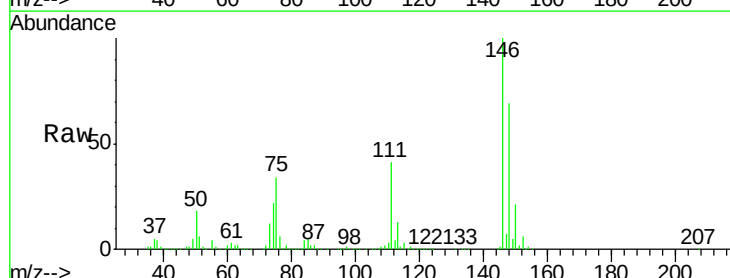
Tgt Ion:146 Resp: 307223

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.6

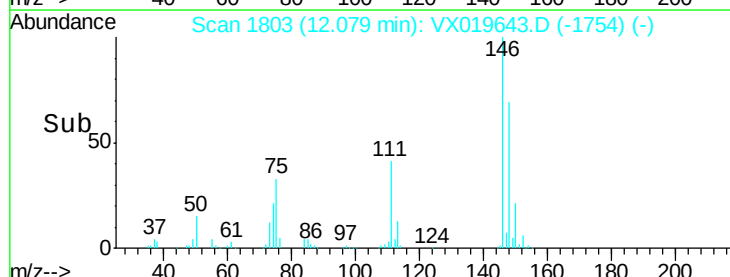
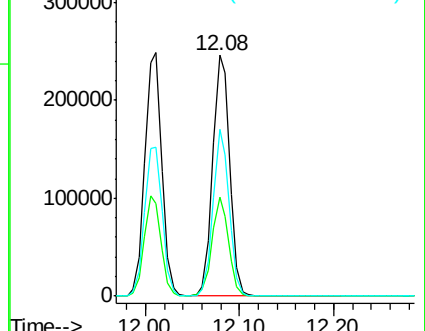
148 65.5 31.7 95.1

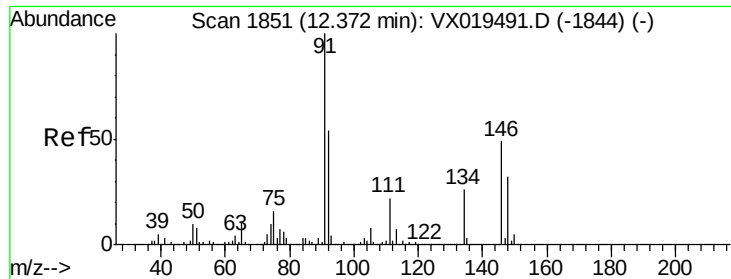


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.567 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

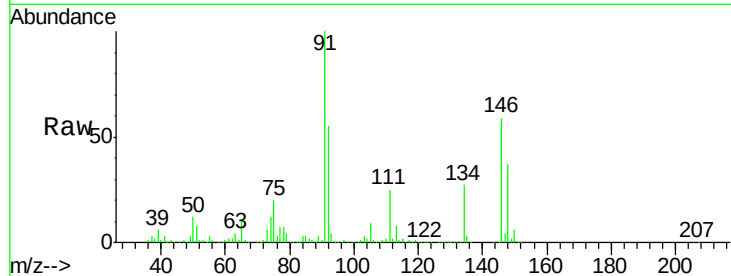
Tot Ion: 91 Resp: 490619

Ion Ratio Lower Upper

91 100

92 54.4 26.9 80.6

134 26.0 12.9 38.6

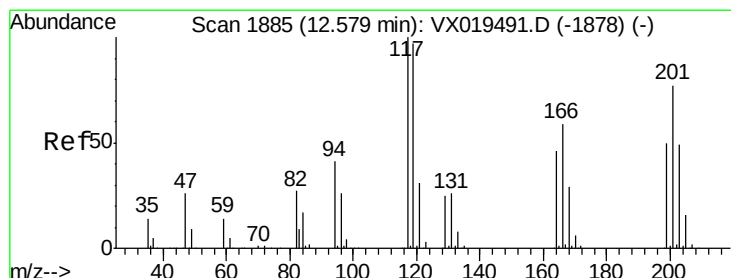
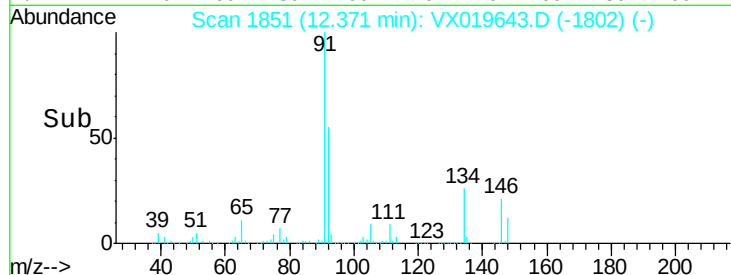


Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX019491.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX019491.D (-1844) (-)

Time-->



#90

Hexachloroethane

Concen: 51.187 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019643.D

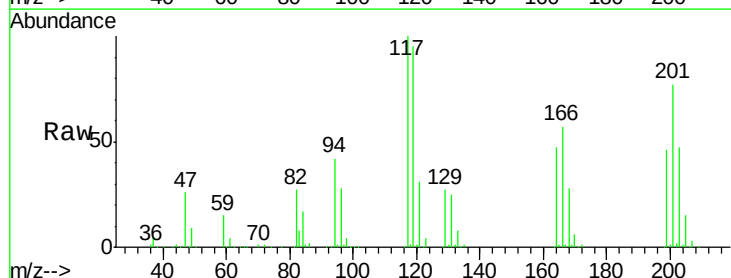
Acq: 25 Nov 2020 06:37

Tgt Ion: 117 Resp: 99821

Ion Ratio Lower Upper

117 100

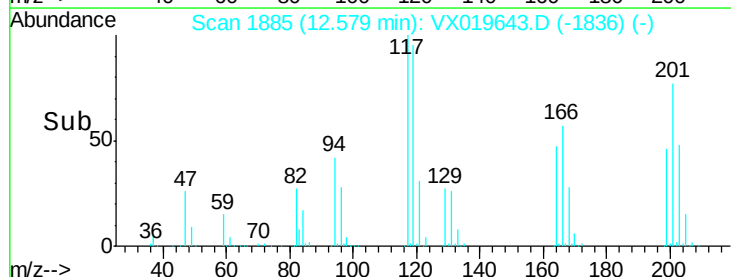
201 79.4 39.4 118.2

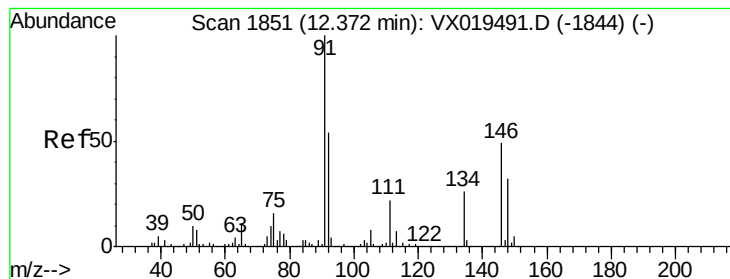


Abundance Ion 116.80 (116.50 to 117.50): VX019491.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX019491.D (-1878) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 49.679 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20201119MS

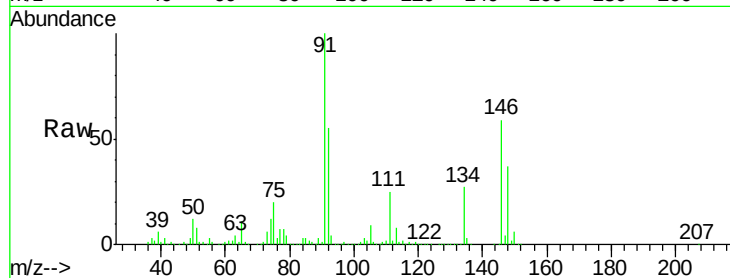
Tot Ion:146 Resp: 310996

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.3

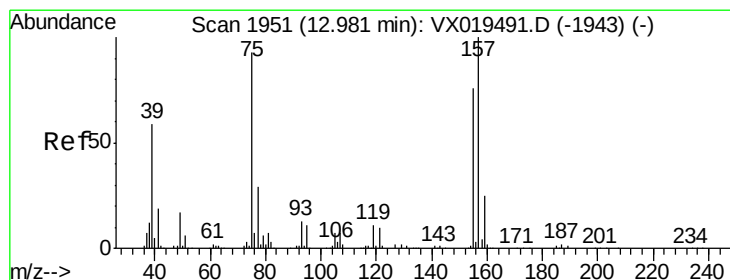
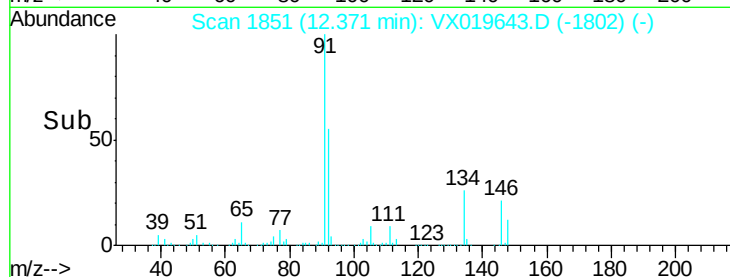
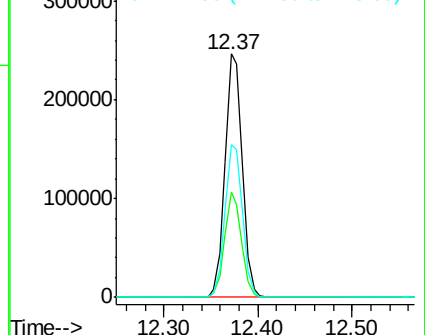
148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.978 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019643.D

Acq: 25 Nov 2020 06:37

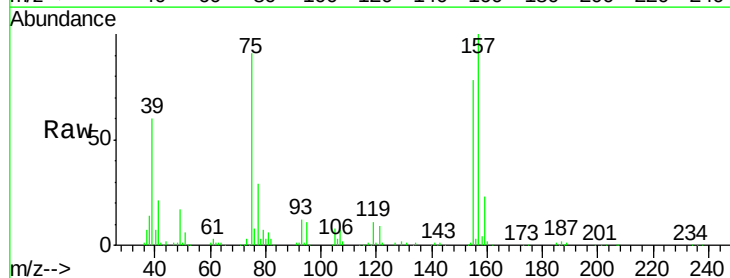
Tgt Ion: 75 Resp: 49445

Ion Ratio Lower Upper

75 100

155 89.1 43.6 130.9

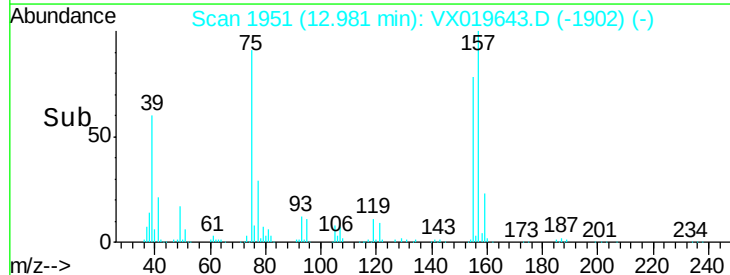
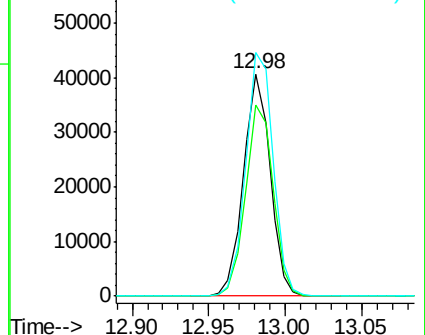
157 112.2 57.0 170.8

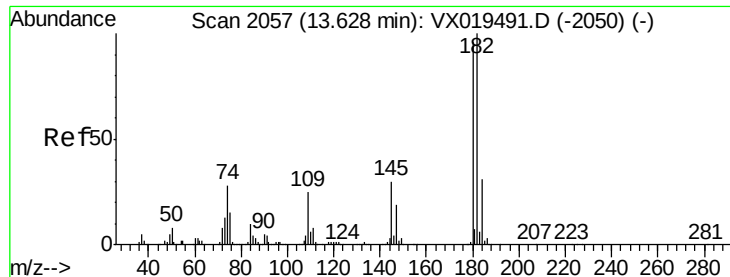


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

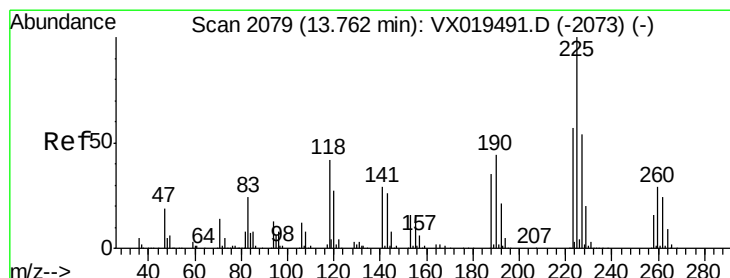
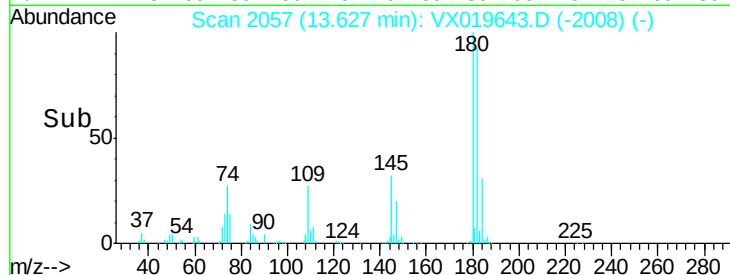
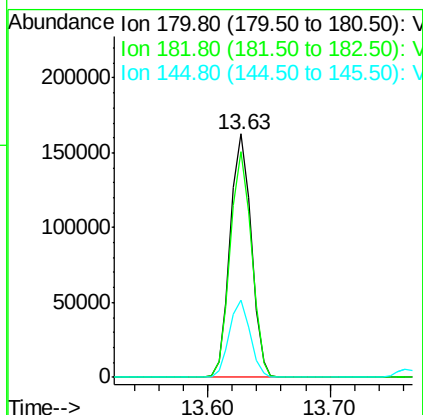
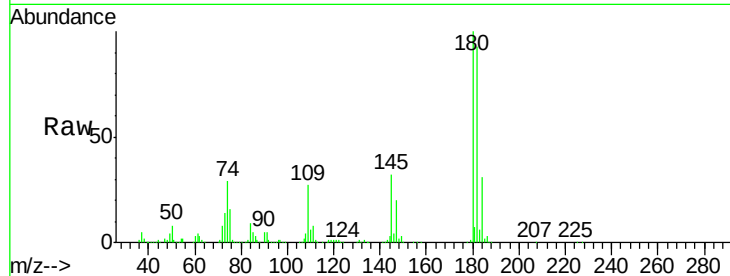




#93
 1,2,4-Trichlorobenzene
 Concen: 48.028 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

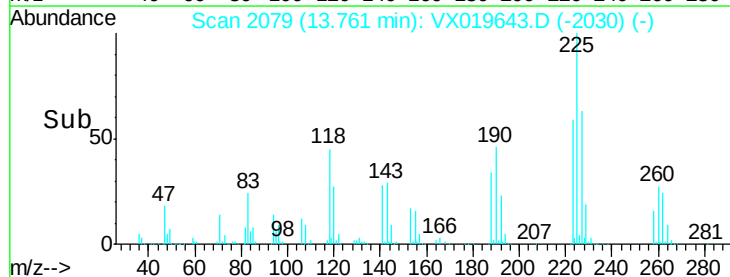
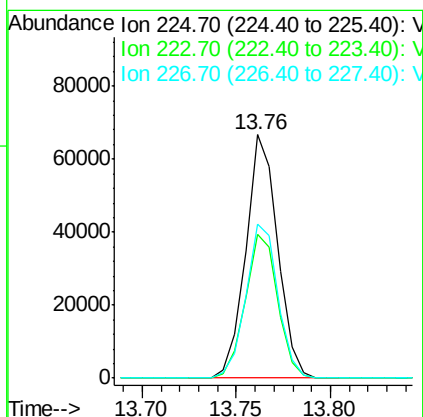
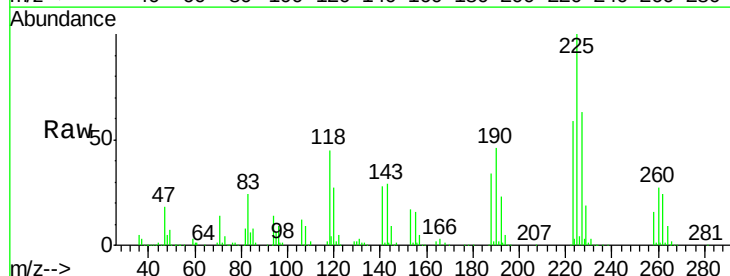
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20201119MS

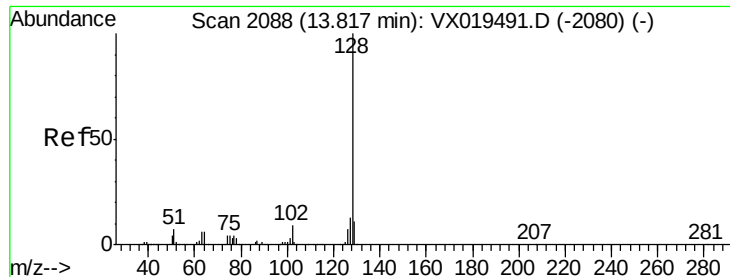
Tot Ion:180 Resp: 193028
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.6 145.9
 145 31.3 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 42.582 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019643.D
 Acq: 25 Nov 2020 06:37

Tgt Ion:225 Resp: 77962
 Ion Ratio Lower Upper
 225 100
 223 60.2 32.5 97.5
 227 63.5 32.8 98.3

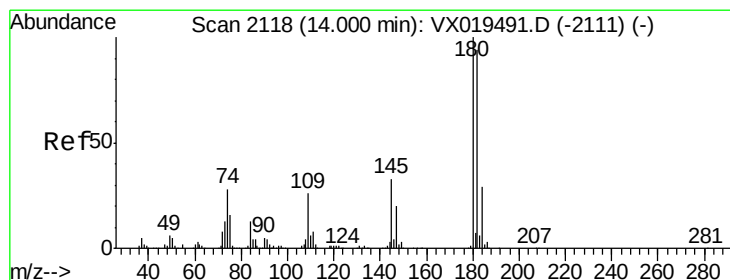
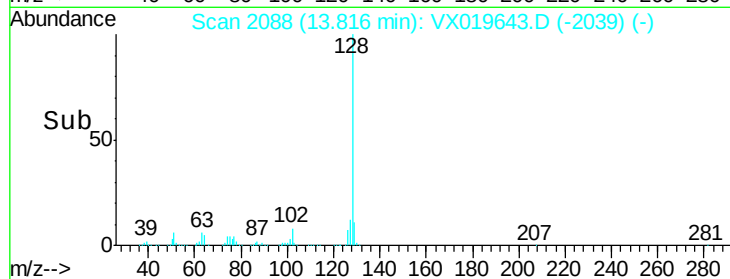
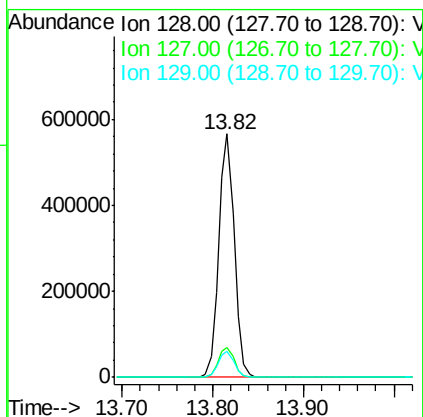
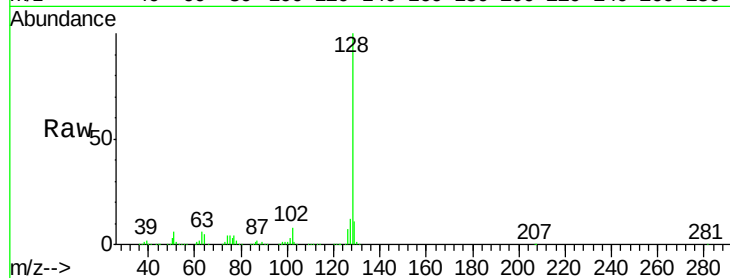




#95
Naphthalene
Concen: 47.783 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20201119MS

Tot Ion:128 Resp: 675912
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.486 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019643.D
Acq: 25 Nov 2020 06:37

Tgt Ion:180 Resp: 202960
Ion Ratio Lower Upper
180 100
182 94.9 48.1 144.3
145 31.5 16.6 49.8

