

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018158.D
 Acq On : 31 Aug 2020 19:19
 Operator : JC/SP
 Sample : L3831-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Quant Time: Sep 01 05:34:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	428883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	669567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	671130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	360702	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	319065	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
35) Dibromofluoromethane	5.46	113	252676	55.41	ug/l	0.00
Spiked Amount			Recovery	=	110.82%	
50) Toluene-d8	8.70	98	891119	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.12	95	368497	55.15	ug/l	0.00
Spiked Amount			Recovery	=	110.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	265870	50.916	ug/l	95
3) Chloromethane	1.31	50	264343	48.017	ug/l	96
4) Vinyl Chloride	1.39	62	253185	46.200	ug/l	96
5) Bromomethane	1.62	94	156824	59.329	ug/l	95
6) Chloroethane	1.70	64	151407	51.440	ug/l	95
7) Trichlorofluoromethane	1.91	101	423821	56.717	ug/l	98
8) Diethyl Ether	2.17	74	130968	51.681	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	212047	52.489	ug/l	98
10) Methyl Iodide	2.49	142	221880	51.193	ug/l	98
11) Tert butyl alcohol	3.02	59	280422	242.229	ug/l	100
12) 1,1-Dichloroethene	2.35	96	211005	50.344	ug/l	97
13) Acrolein	2.28	56	147679	307.651	ug/l	98
14) Allyl chloride	2.70	41	377385	50.117	ug/l	97
15) Acrylonitrile	3.12	53	648470	246.938	ug/l	99
16) Acetone	2.42	43	577745	249.024	ug/l	95
17) Carbon Disulfide	2.54	76	587334	46.355	ug/l	100
18) Methyl Acetate	2.75	43	285456	50.988	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	764494	53.186	ug/l	100
20) Methylene Chloride	2.83	84	238243	50.228	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	232120	49.988	ug/l	97
22) Diisopropyl ether	3.83	45	763075	51.344	ug/l	96
23) Vinyl Acetate	3.79	43	3271666	247.394	ug/l	100
24) 1,1-Dichloroethane	3.67	63	429243	50.737	ug/l	99
25) 2-Butanone	4.64	43	910944	238.911	ug/l	99
26) 2,2-Dichloropropane	4.55	77	332810	48.348	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	263496	49.250	ug/l	98
28) Bromochloromethane	4.98	49	204770	50.143	ug/l	98
29) Tetrahydrofuran	5.09	42	581646	239.635	ug/l	97
30) Chloroform	5.18	83	453840	51.807	ug/l	93
31) Cyclohexane	5.55	56	350464	49.177	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	426111	53.005	ug/l	100
36) 1,1-Dichloropropene	5.77	75	324635	52.566	ug/l	99
37) Ethyl Acetate	4.79	43	340084	47.413	ug/l	100
38) Carbon Tetrachloride	5.76	117	395356	56.806	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	344959	51.082	ug/l	98
40) Benzene	6.11	78	935206	51.536	ug/l	98
41) Methacrylonitrile	5.00	41	198590	50.425	ug/l	98
42) 1,2-Dichloroethane	6.17	62	379008	54.513	ug/l	98
43) Isopropyl Acetate	6.42	43	569287	49.139	ug/l	99
44) Trichloroethene	7.19	130	274029	53.443	ug/l	99
45) 1,2-Dichloropropane	7.49	63	256026	52.348	ug/l	96
46) Dibromomethane	7.64	93	176684	51.372	ug/l	98
47) Bromodichloromethane	7.88	83	376825	54.873	ug/l	99
48) Methyl methacrylate	7.74	41	289495	50.196	ug/l	97
49) 1,4-Dioxane	7.72	88	104909	1004.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1824046	254.885	ug/l	99
52) Toluene	8.76	92	602870	52.393	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	395002	51.899	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	400944	49.729	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	255269	52.016	ug/l	99
56) Ethyl methacrylate	9.16	69	382034	52.365	ug/l	99
57) 1,3-Dichloropropane	9.35	76	417290	51.553	ug/l	99
59) 2-Hexanone	9.48	43	1429543	262.707	ug/l	100
60) Dibromochloromethane	9.57	129	314983	54.713	ug/l	99
61) 1,2-Dibromoethane	9.65	107	285586	53.601	ug/l	96
64) Tetrachloroethene	9.32	164	246980	50.078	ug/l	92
65) Chlorobenzene	10.12	112	675075	50.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	276125	52.267	ug/l	99
67) Ethyl Benzene	10.23	91	1188495	52.139	ug/l	97
68) m/p-Xylenes	10.34	106	903514	106.195	ug/l	98
69) o-Xylene	10.68	106	434623	52.697	ug/l	99
70) Stvrene	10.70	104	747136	53.194	ug/l	98
71) Bromoform	10.84	173	242478	53.811	ug/l #	97
73) Isopropylbenzene	11.00	105	1177037	49.471	ug/l	99
74) N-amyl acetate	10.88	43	518829	45.960	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	380915	45.384	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	476418	59.374	ug/l	83
77) Bromobenzene	11.24	156	317445	48.268	ug/l	97
78) n-propylbenzene	11.34	91	1355610	50.180	ug/l	99
79) 2-Chlorotoluene	11.40	91	826234	49.503	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1023130	52.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	133467	44.924	ug/l	96
82) 4-Chlorotoluene	11.49	91	975728	49.176	ug/l	99
83) tert-Butylbenzene	11.76	119	1001396	51.900	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1054199	52.739	ug/l	99
85) sec-Butylbenzene	11.93	105	1142476	52.068	ug/l	99
86) p-Isopropyltoluene	12.05	119	1062868	52.735	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	560585	48.549	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	558183	48.280	ug/l	98
89) n-Butylbenzene	12.37	91	906221	49.262	ug/l	99
90) Hexachloroethane	12.58	117	214620	54.123	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	542381	49.901	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99683	47.500	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	350705	48.387	ug/l	99

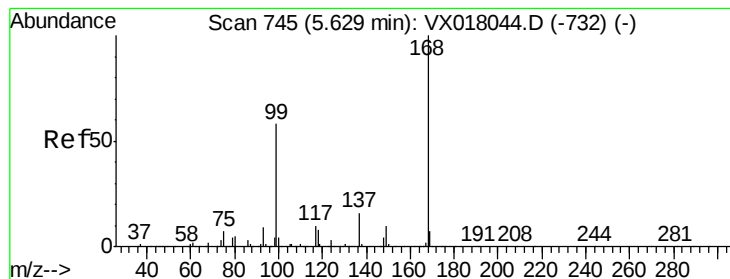
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	126527	44.259	ug/l	91
95) Naphthalene	13.82	128	1170516	49.072	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	346175	48.337	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

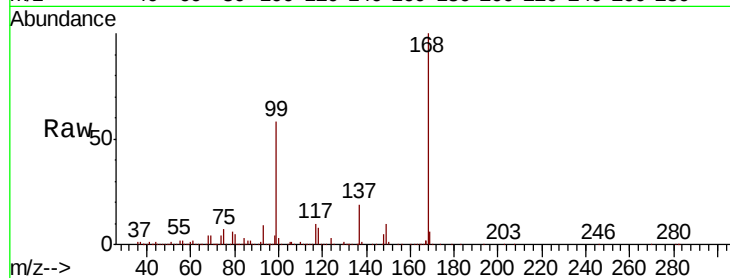
GR-OF-20200827MS

Tot Ion:168 Resp: 428883

Ion Ratio Lower Upper

168 100

99 58.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

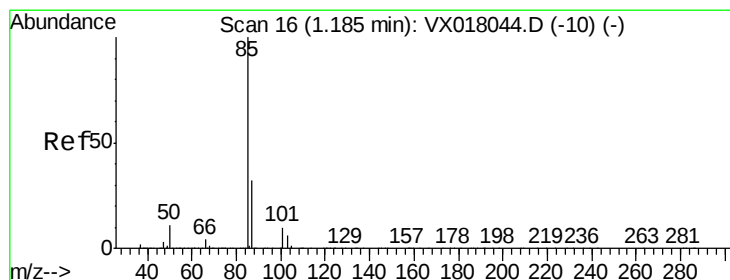
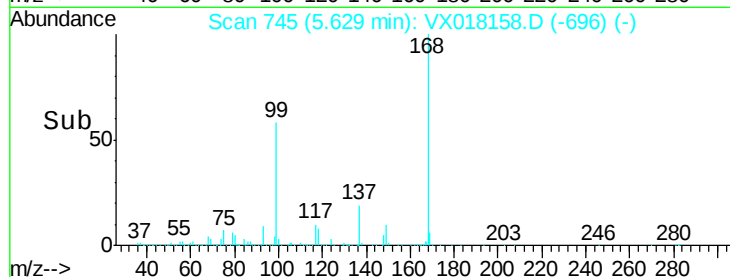
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.916 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018158.D

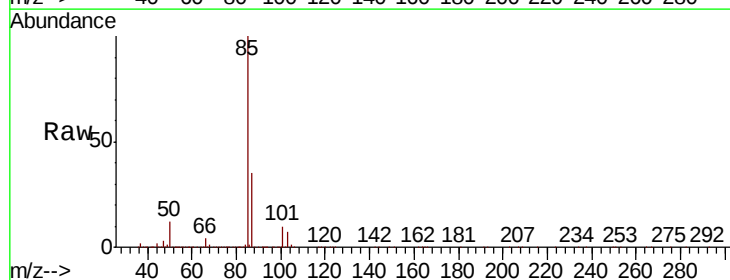
Acq: 31 Aug 2020 19:19

Tgt Ion: 85 Resp: 265870

Ion Ratio Lower Upper

85 100

87 34.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

150000

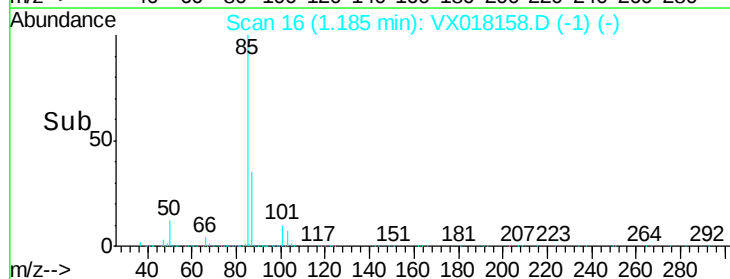
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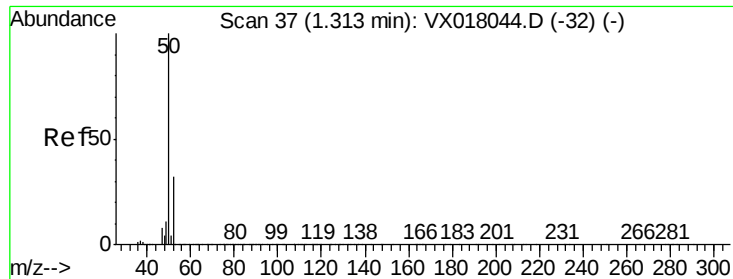
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1.10 1.15 1.20 1.25 1.30

Time-->

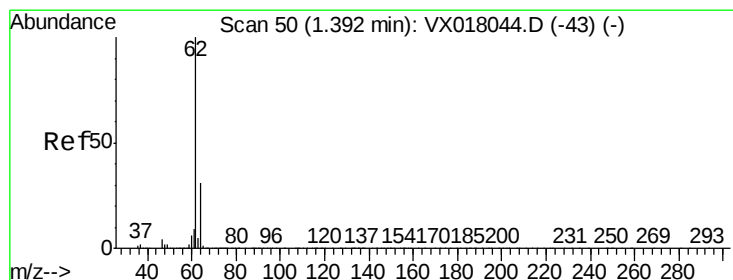
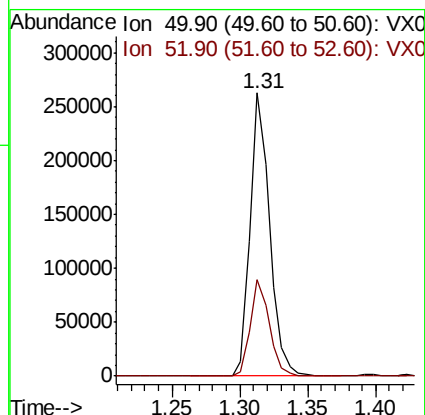
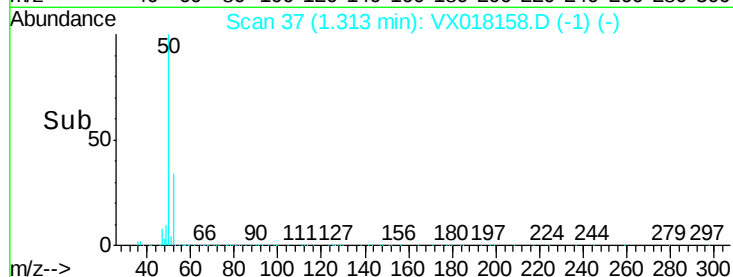
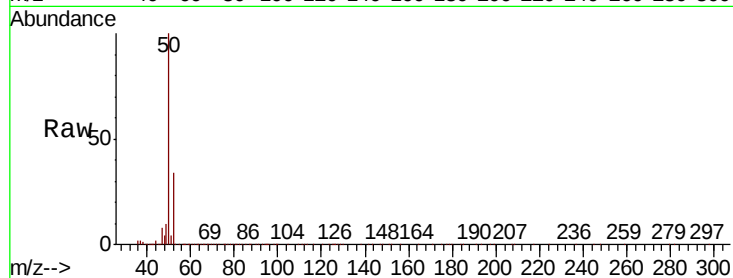




#3
Chloromethane
Concen: 48.017 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

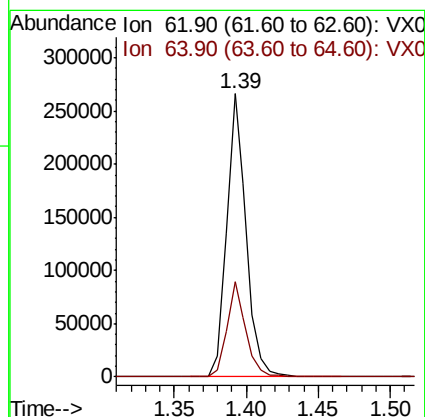
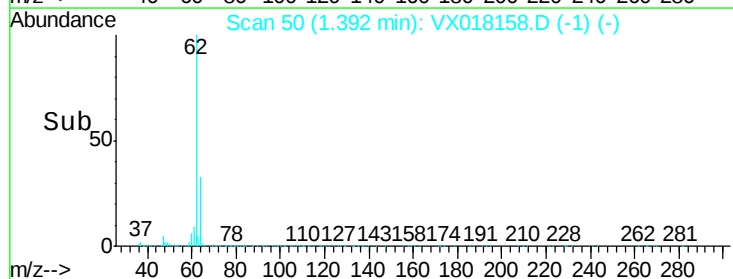
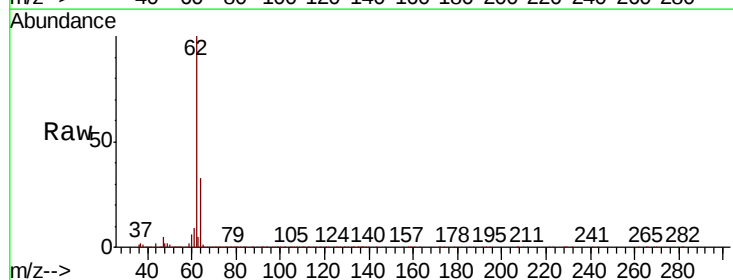
Instrument :
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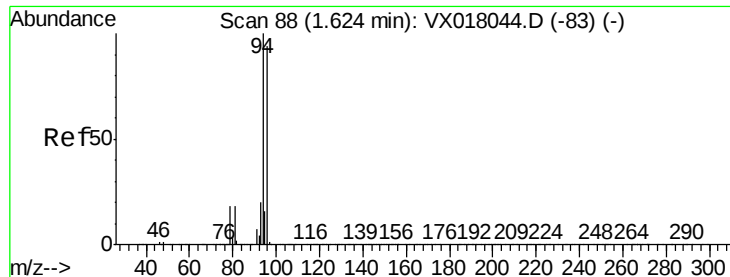
Tot Ion: 50 Resp: 264343
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#4
Vinyl Chloride
Concen: 46.200 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion: 62 Resp: 253185
Ion Ratio Lower Upper
62 100
64 33.5 25.1 37.7





#5

Bromomethane

Concen: 59.329 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

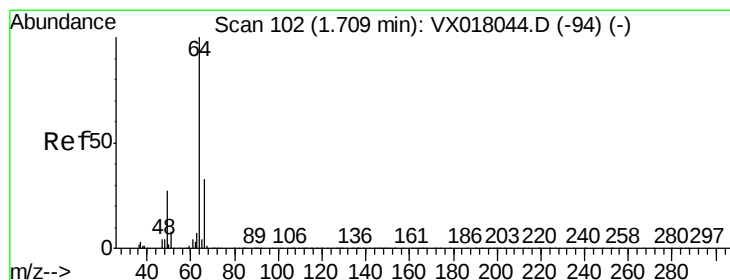
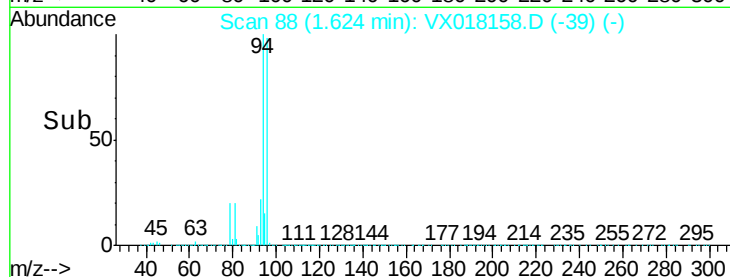
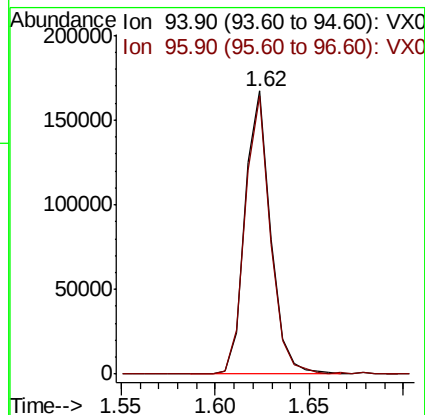
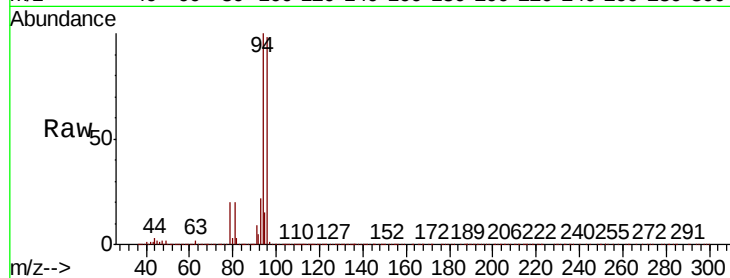
GR-OF-20200827MS

Tot Ion: 94 Resp: 156824

Ion Ratio Lower Upper

94 100

96 98.5 74.8 112.2



#6

Chloroethane

Concen: 51.440 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018158.D

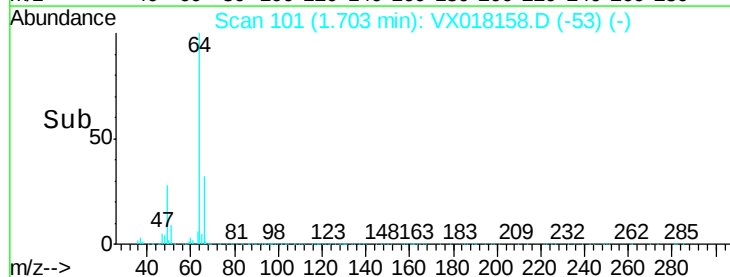
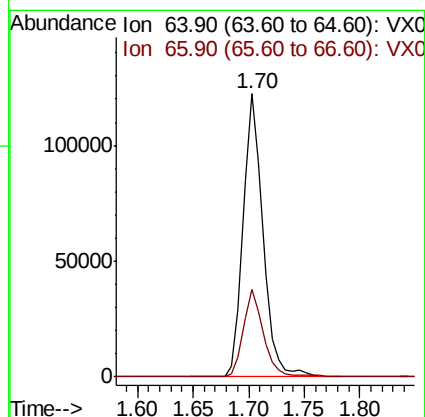
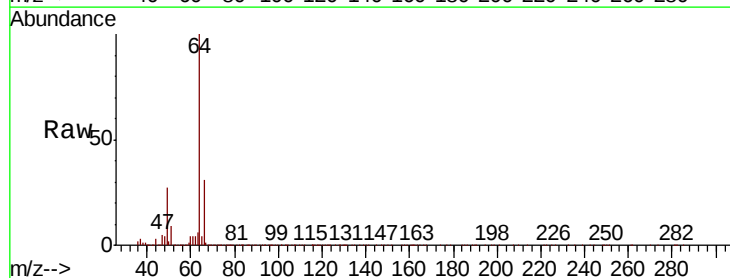
Acq: 31 Aug 2020 19:19

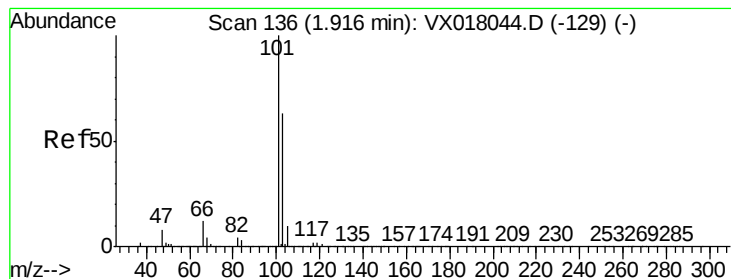
Tgt Ion: 64 Resp: 151407

Ion Ratio Lower Upper

64 100

66 30.6 26.6 39.8



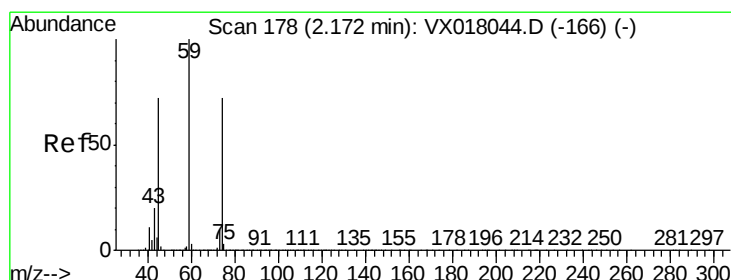
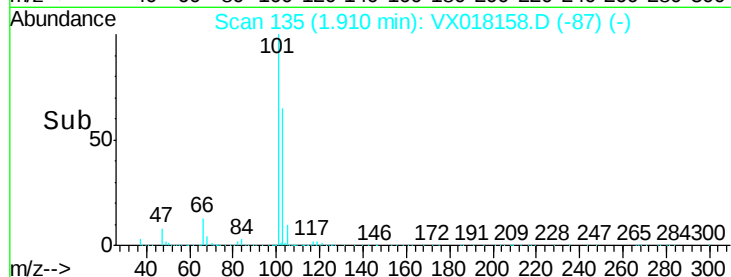
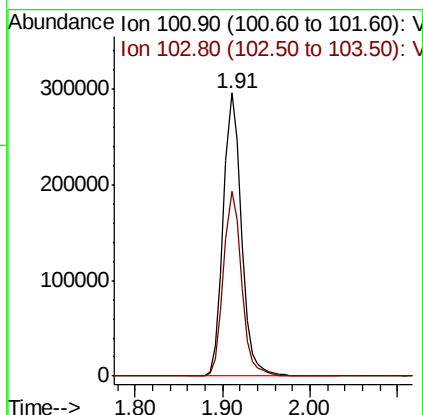
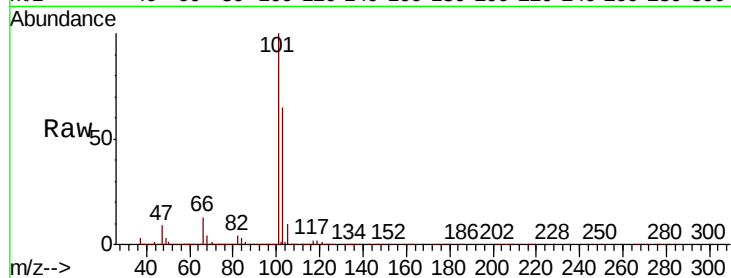


#7

Trichlorofluoromethane
 Concen: 56.717 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
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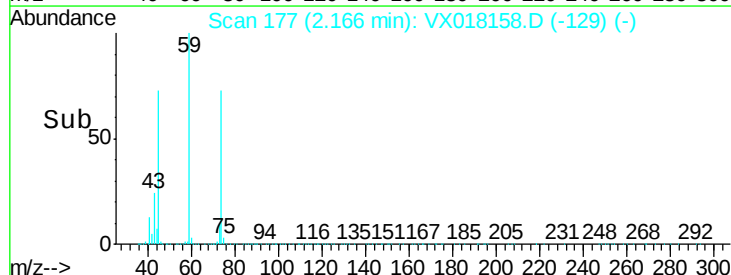
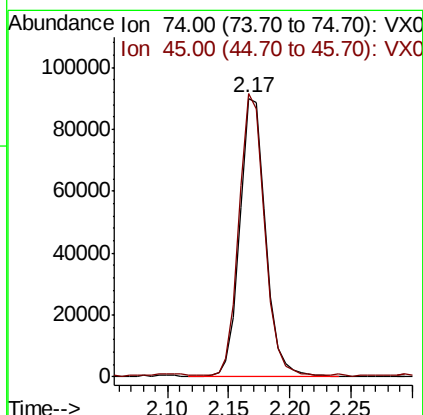
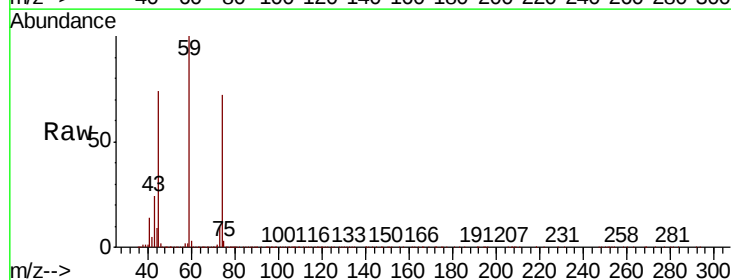
Tot Ion:101 Resp: 423821
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.7 76.1

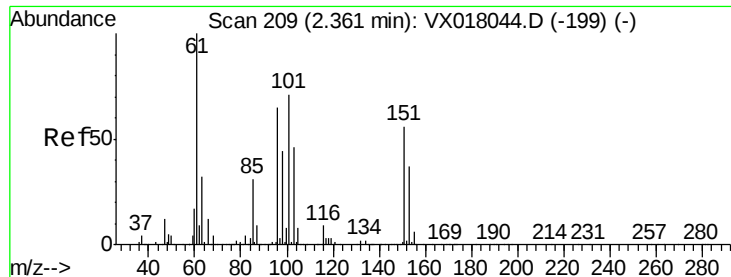


#8

Diethyl Ether
 Concen: 51.681 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion: 74 Resp: 130968
 Ion Ratio Lower Upper
 74 100
 45 100.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.489 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

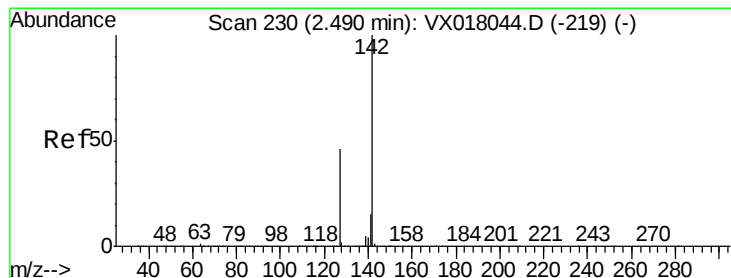
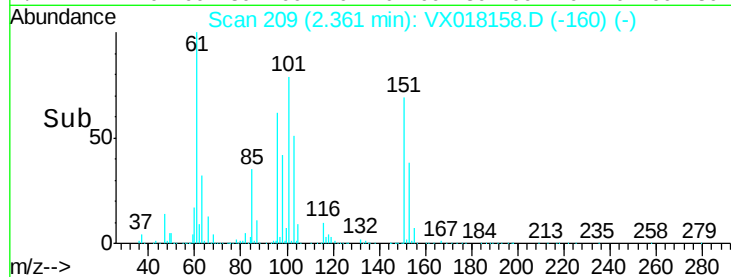
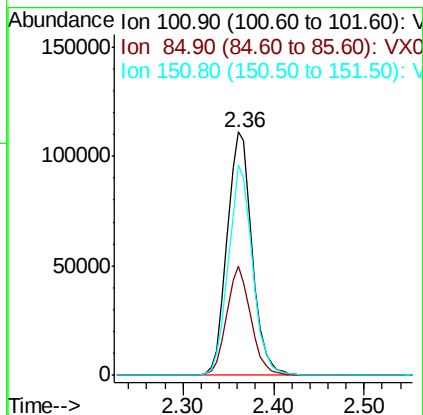
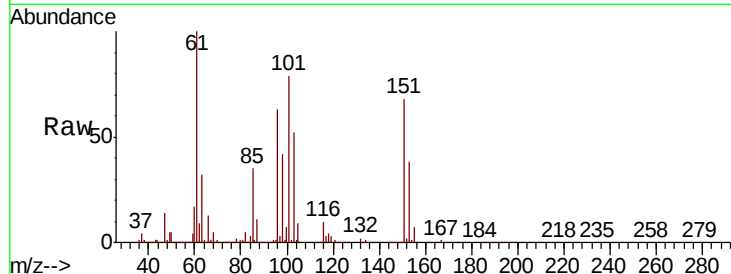
Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion:	101	Resp:	212047
Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.0	51.0
151	83.6	65.2	97.8



#10

Methyl Iodide

Concen: 51.193 ug/l

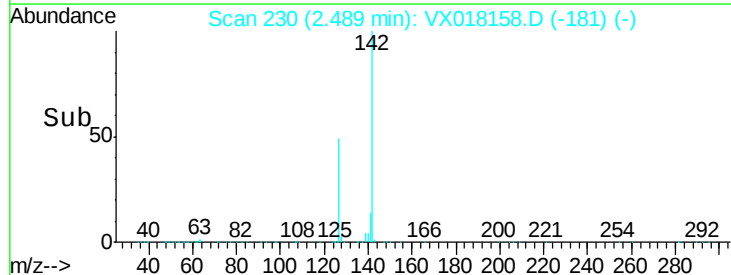
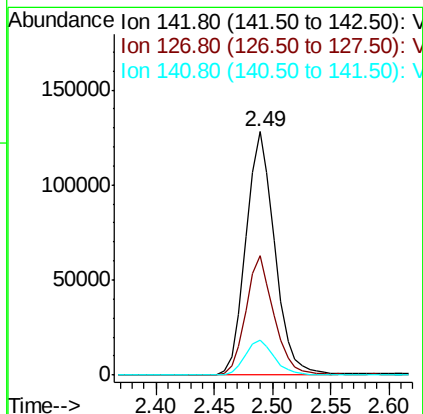
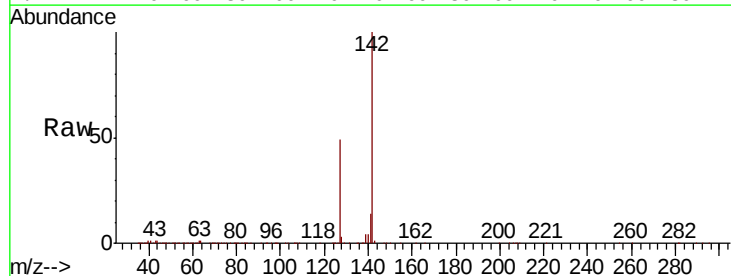
RT: 2.49 min Scan# 230

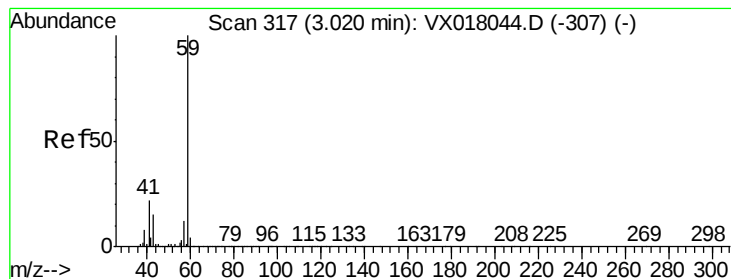
Delta R.T. 0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion:	142	Resp:	221880
Ion	Ratio	Lower	Upper
142	100		
127	47.7	37.0	55.6
141	14.5	11.5	17.3



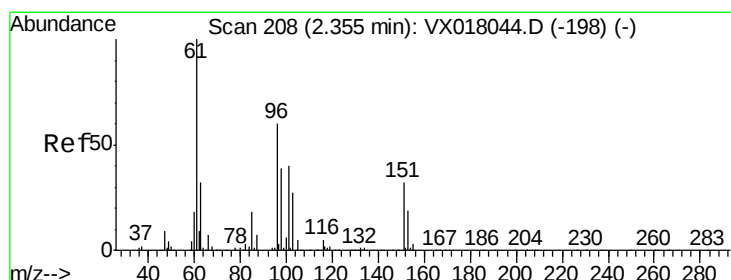
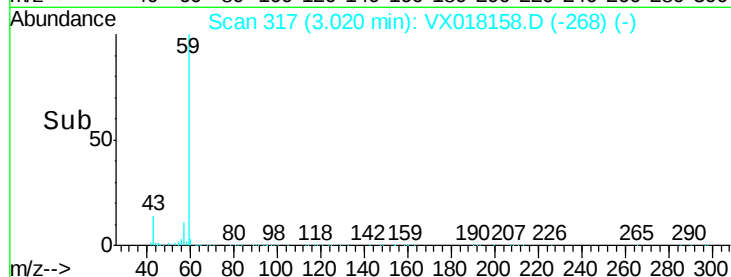
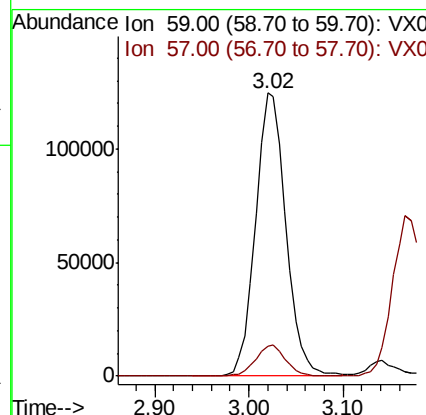
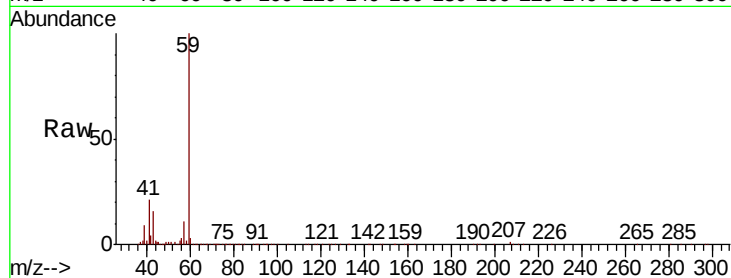


#11

Tert butyl alcohol
 Concen: 242.229 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

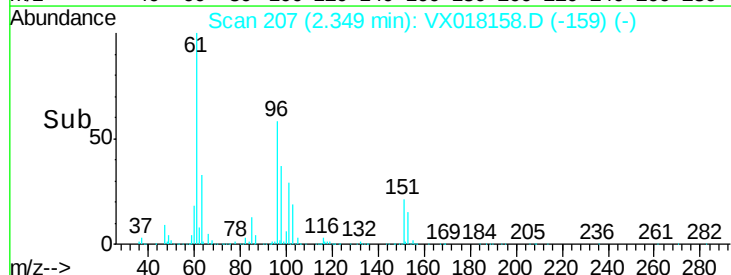
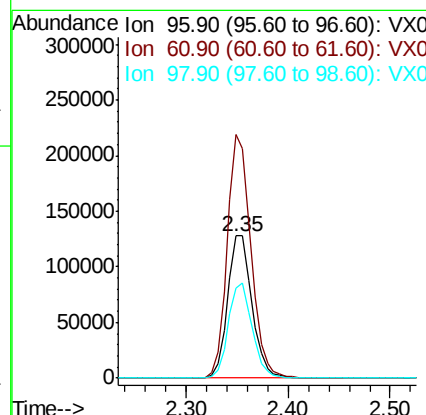
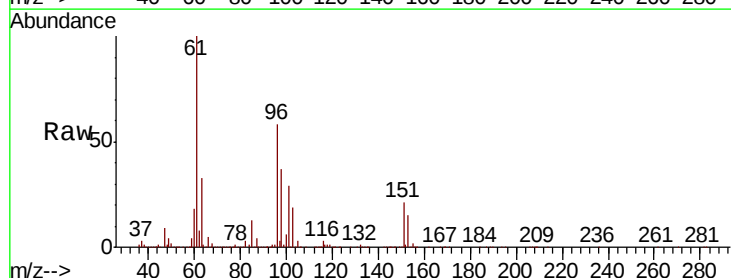
Tot Ion: 59 Resp: 280422
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.9 13.3

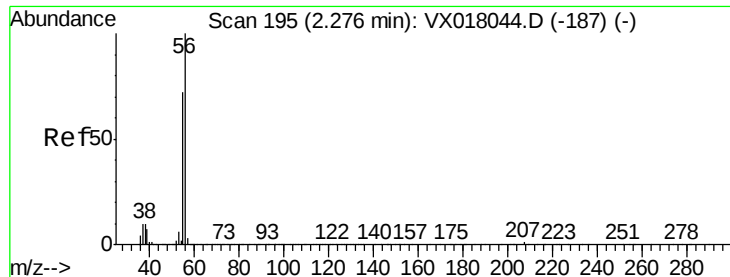


#12

1,1-Dichloroethene
 Concen: 50.344 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion: 96 Resp: 211005
 Ion Ratio Lower Upper
 96 100
 61 171.0 133.0 199.4
 98 63.0 51.6 77.4





#13

Acrolein

Concen: 307.651 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

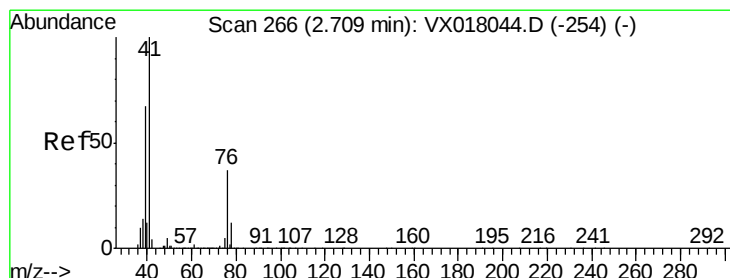
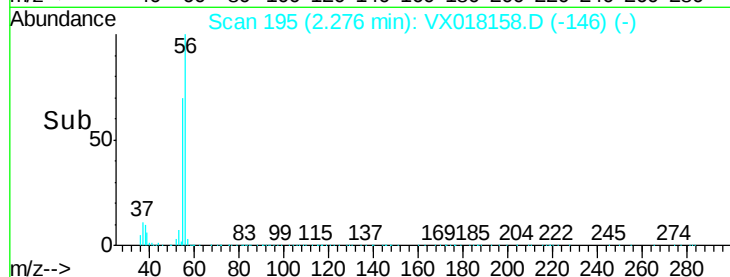
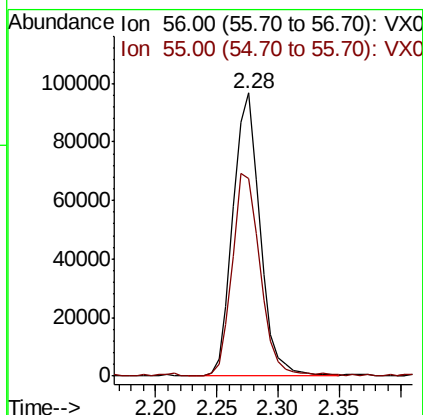
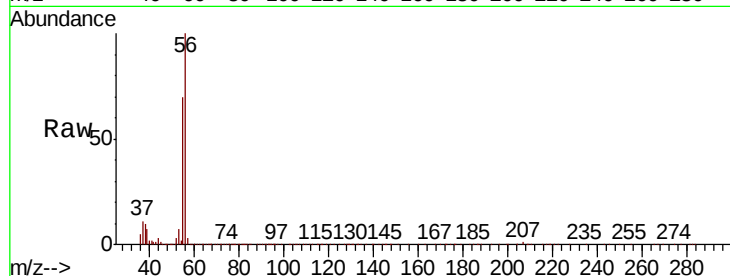
GR-OF-20200827MS

Tot Ion: 56 Resp: 147679

Ion Ratio Lower Upper

56 100

55 73.3 57.0 85.6



#14

Allyl chloride

Concen: 50.117 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

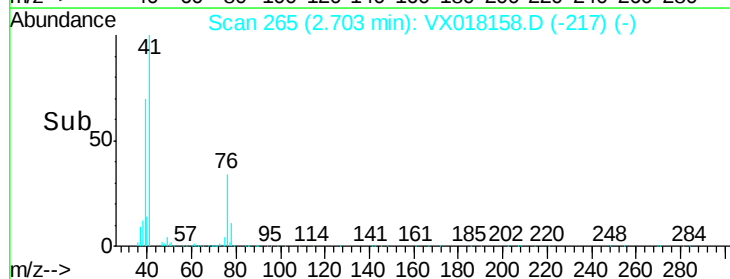
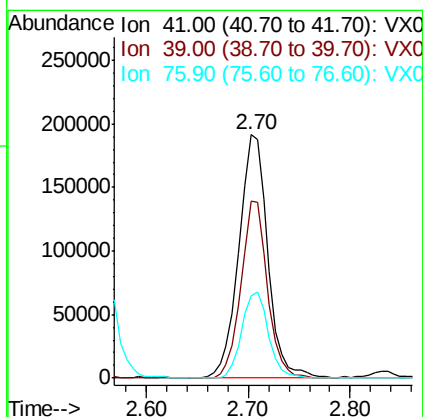
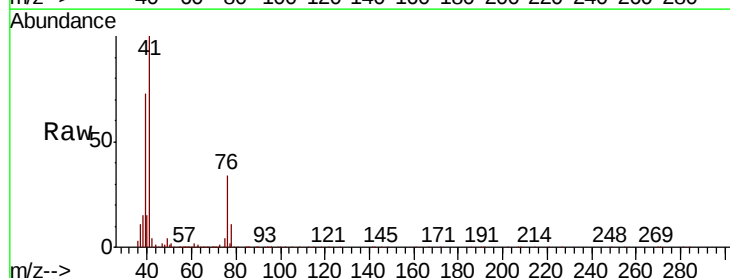
Tgt Ion: 41 Resp: 377385

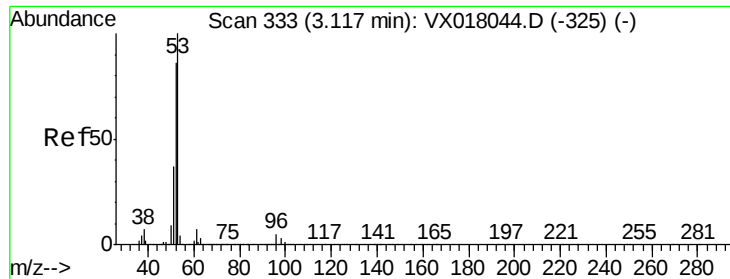
Ion Ratio Lower Upper

41 100

39 66.6 50.6 76.0

76 32.6 26.2 39.2





#15

Acrylonitrile

Concen: 246.938 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

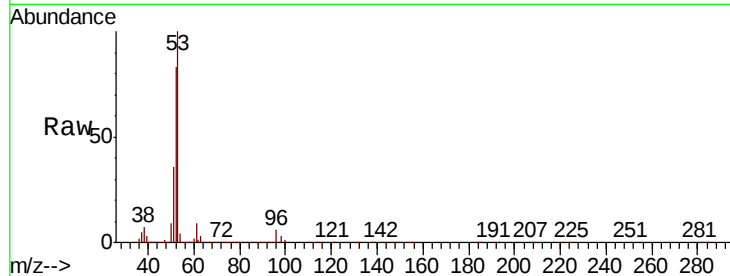
Tot Ion: 53 Resp: 648470

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

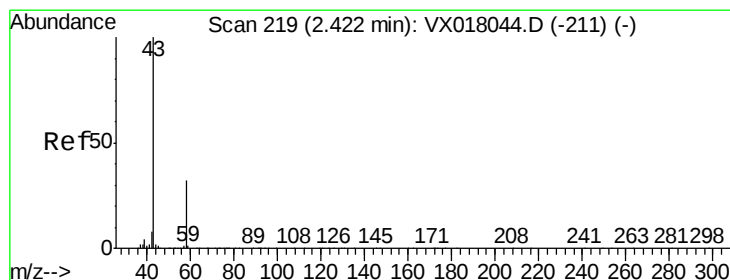
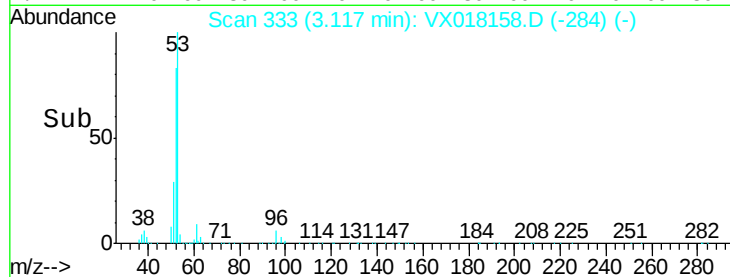
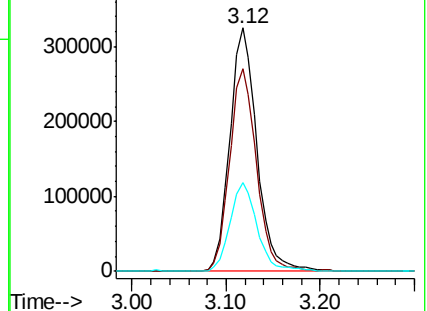
51 36.8 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 249.024 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018158.D

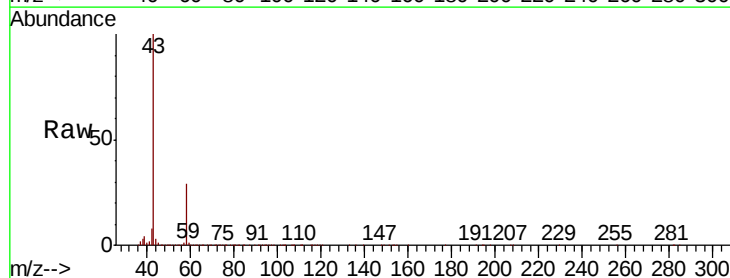
Acq: 31 Aug 2020 19:19

Tgt Ion: 43 Resp: 577745

Ion Ratio Lower Upper

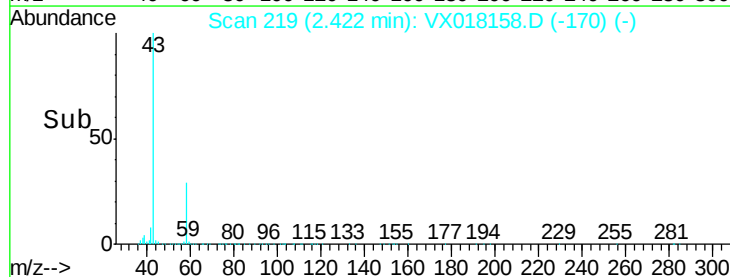
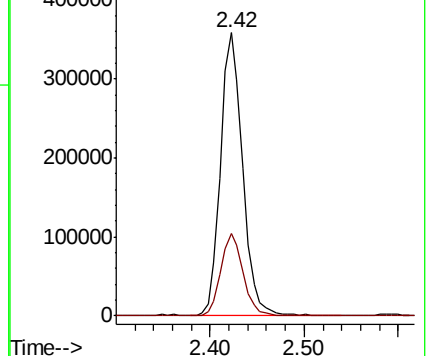
43 100

58 28.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

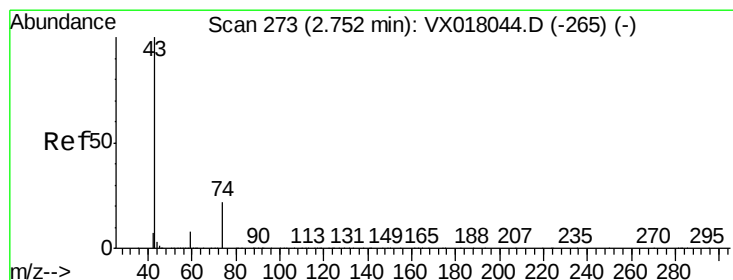
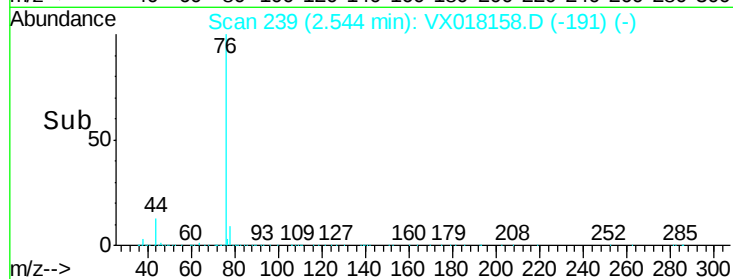
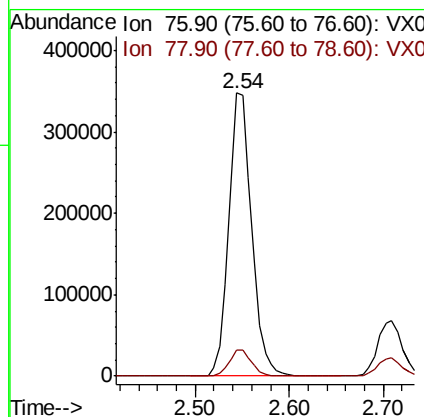
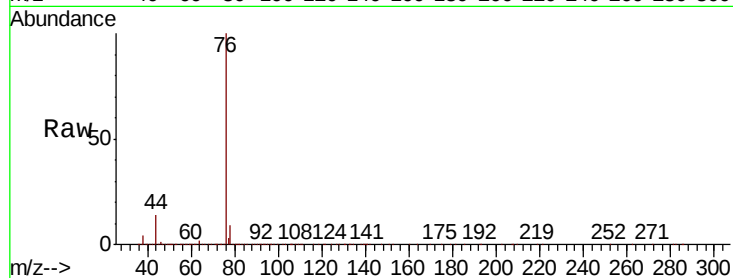




#17
Carbon Disulfide
Concen: 46.355 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

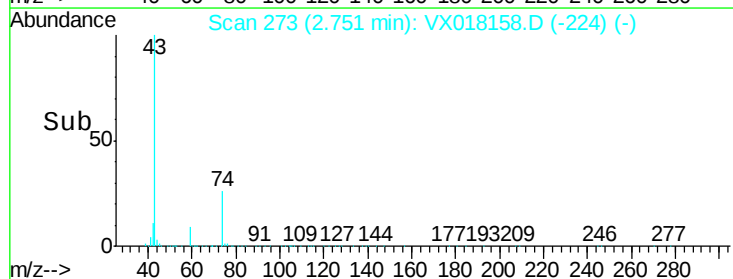
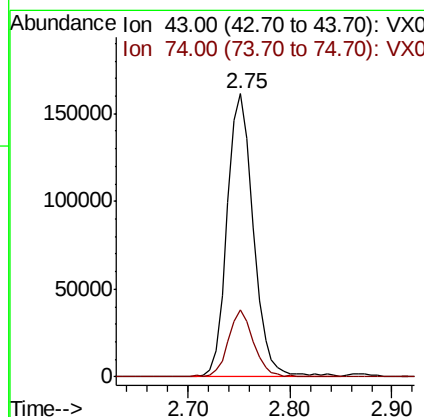
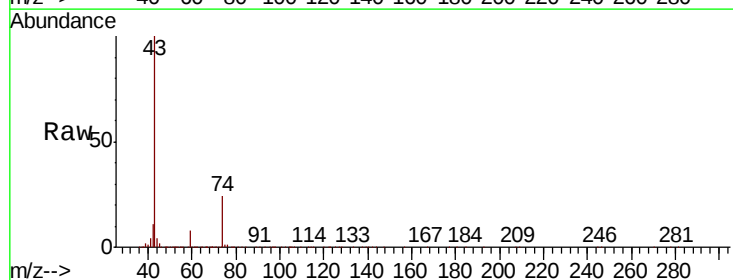
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

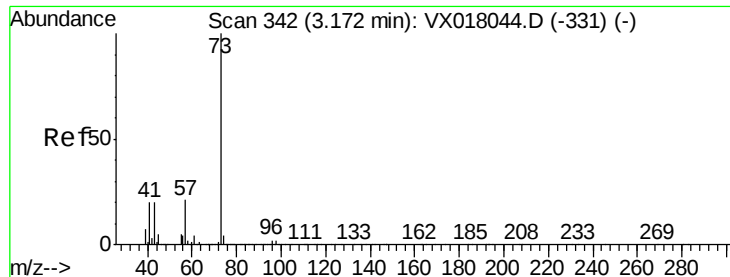
Tot Ion: 76 Resp: 587334
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 50.988 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion: 43 Resp: 285456
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4

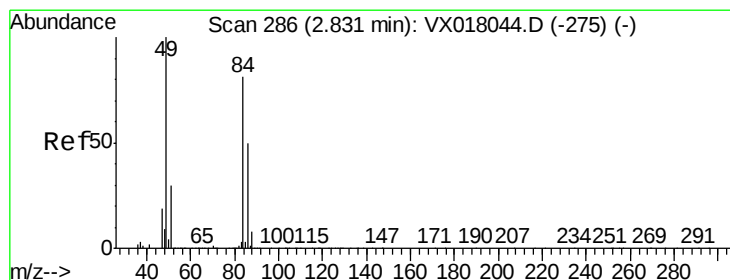
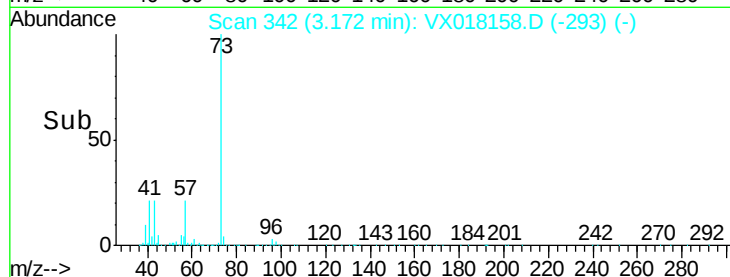
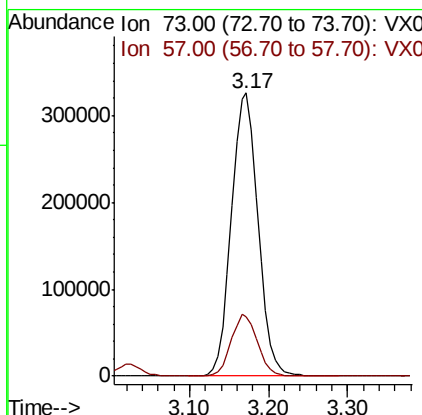
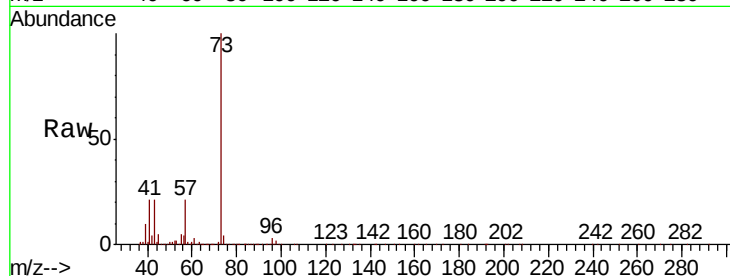




#19
Methyl tert-butyl Ether
Concen: 53.186 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

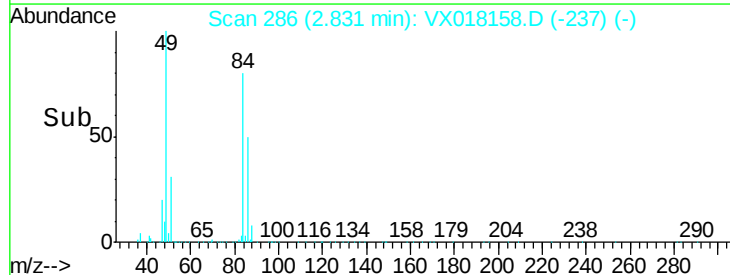
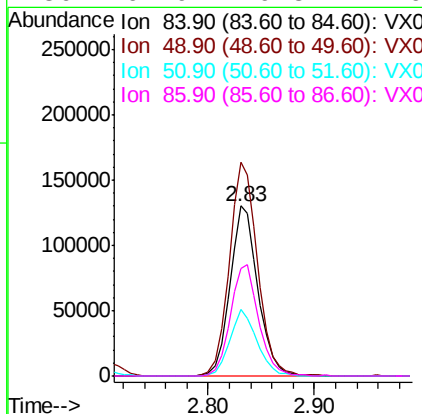
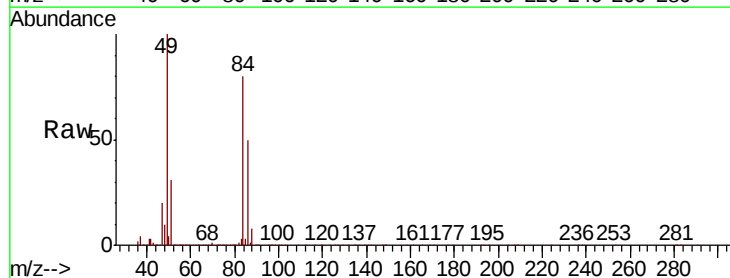
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

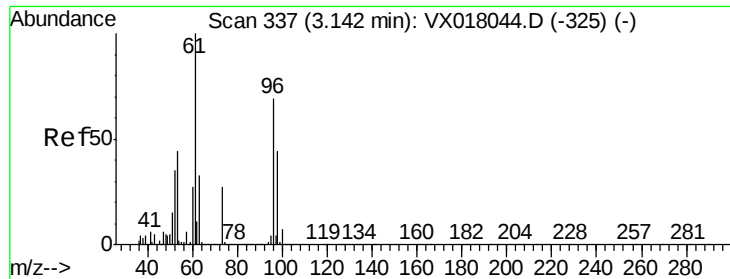
Tot Ion: 73 Resp: 764494
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2



#20
Methylene Chloride
Concen: 50.228 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion: 84 Resp: 238243
Ion Ratio Lower Upper
84 100
49 125.4 98.6 148.0
51 39.3 29.6 44.4
86 62.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 49.988 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

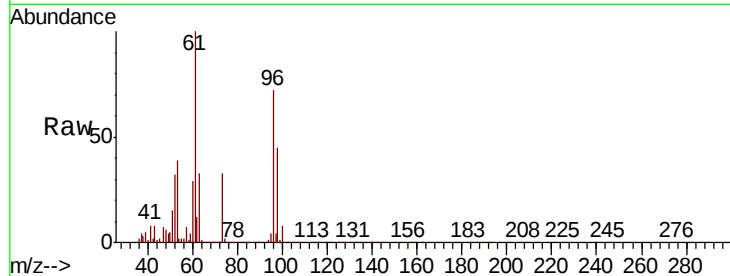
Tot Ion: 96 Resp: 232120

Ion Ratio Lower Upper

96 100

61 139.2 115.4 173.0

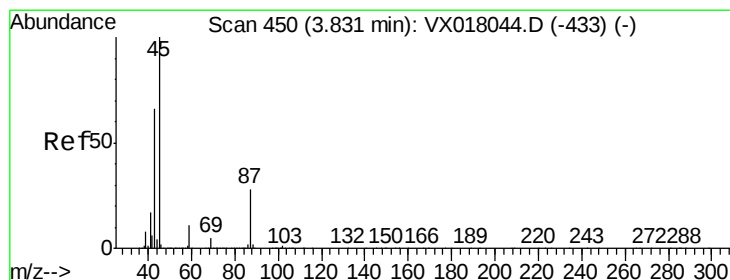
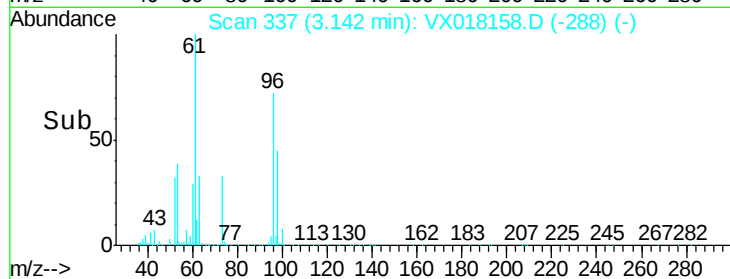
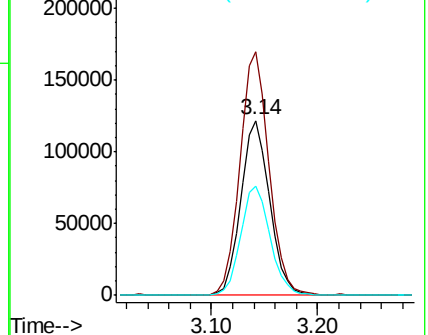
98 62.4 51.1 76.7



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: 51.344 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Tgt Ion: 45 Resp: 763075

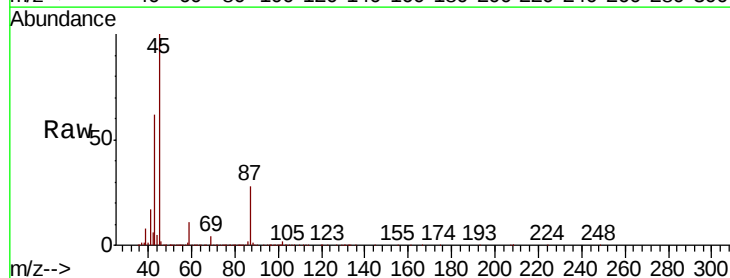
Ion Ratio Lower Upper

45 100

43 61.6 52.8 79.2

87 27.5 22.5 33.7

59 10.9 9.0 13.6

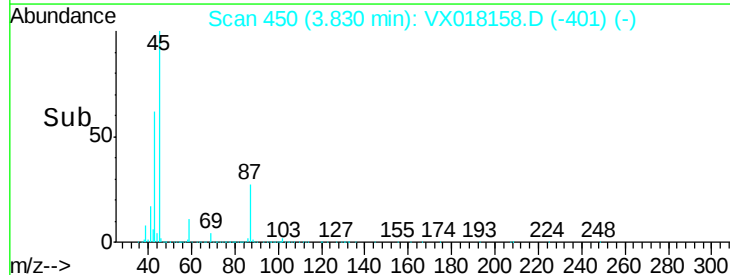
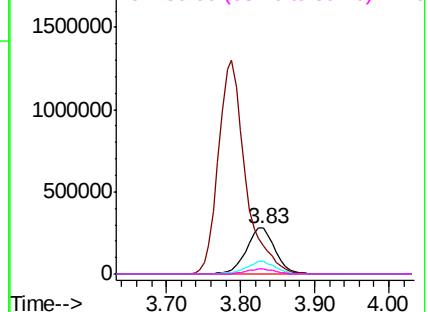


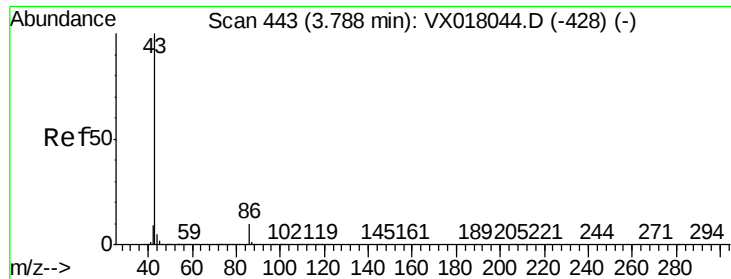
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

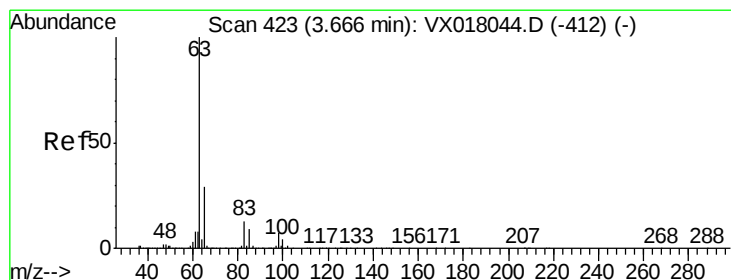
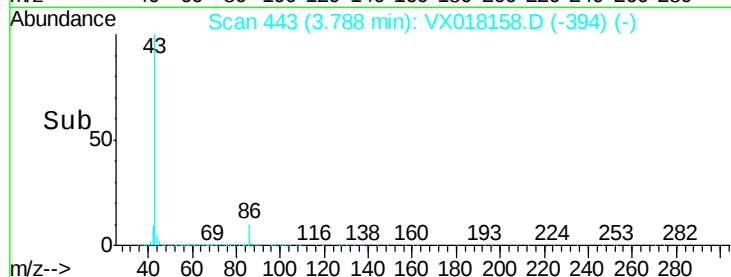
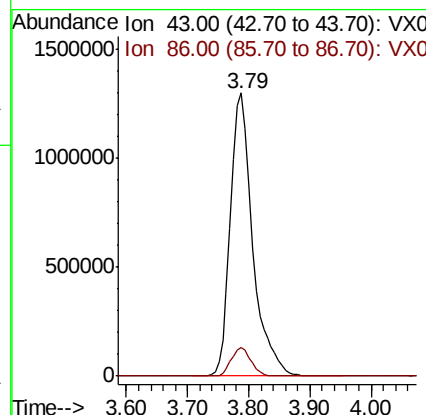
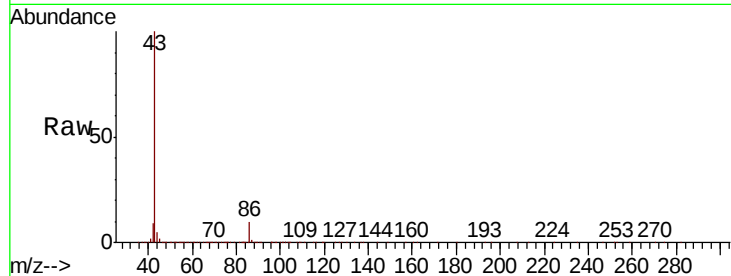




#23
 Vinyl Acetate
 Concen: 247.394 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

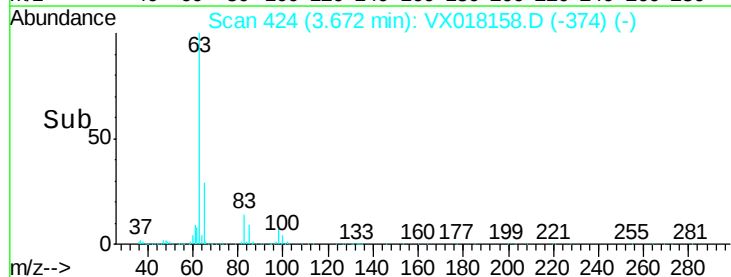
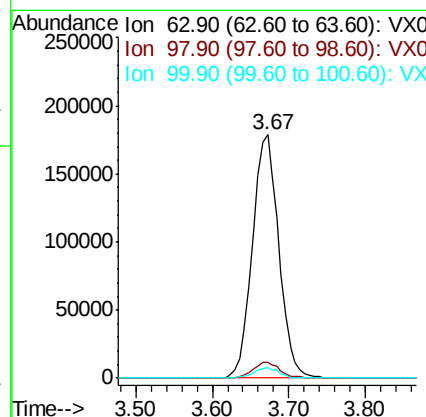
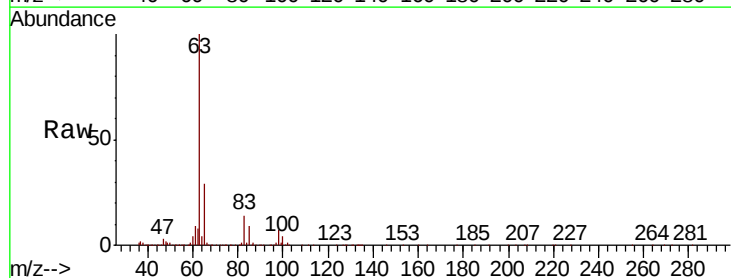
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

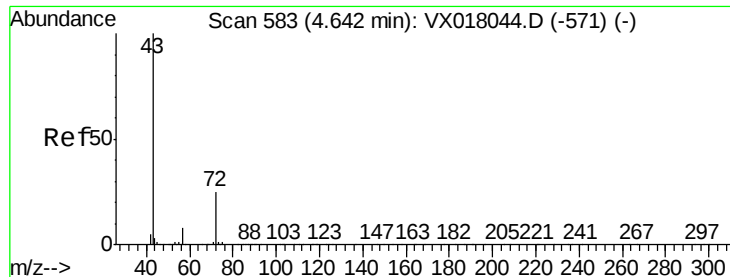
Tot Ion: 43 Resp: 3271666
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 50.737 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion: 63 Resp: 429243
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.3 2.0 6.0





#25

2-Butanone

Concen: 238.911 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

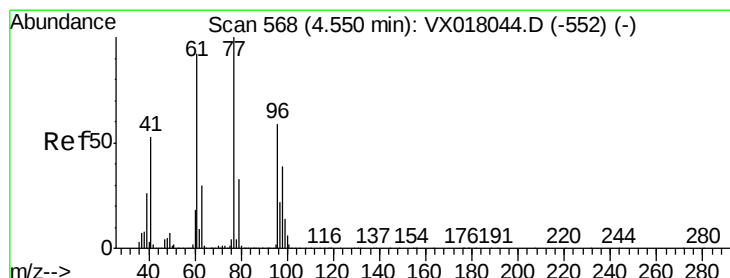
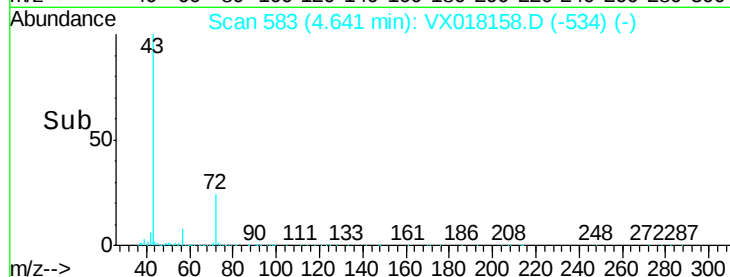
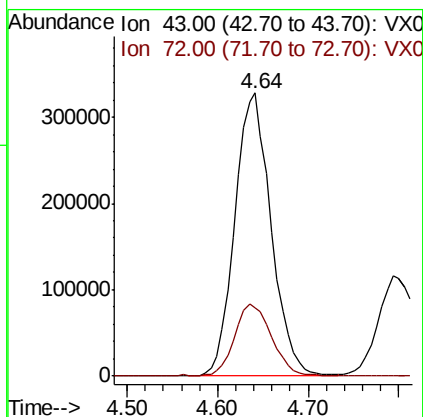
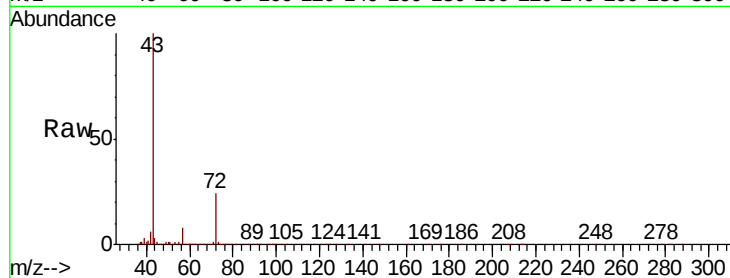
GR-OF-20200827MS

Tot Ion: 43 Resp: 910944

Ion Ratio Lower Upper

43 100

72 24.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 48.348 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018158.D

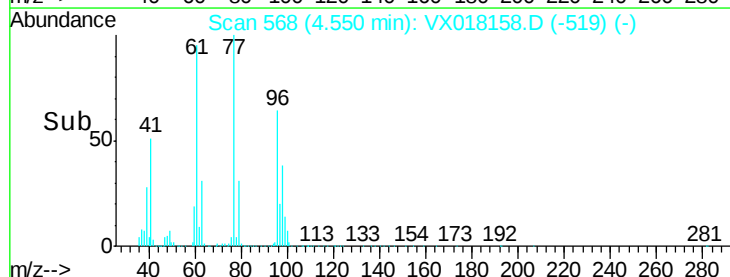
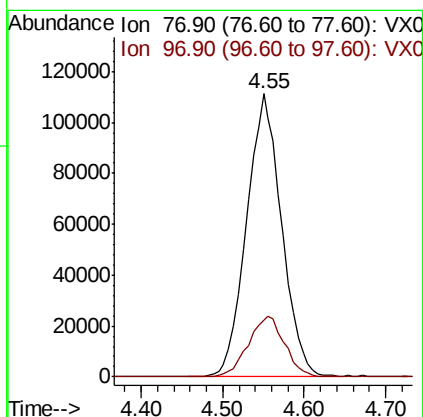
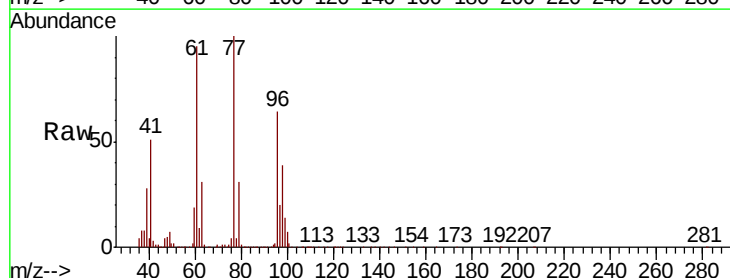
Acq: 31 Aug 2020 19:19

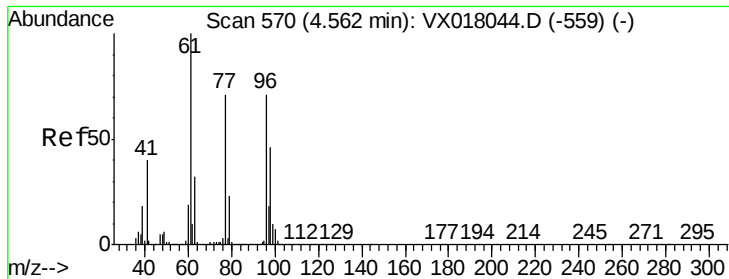
Tgt Ion: 77 Resp: 332810

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5



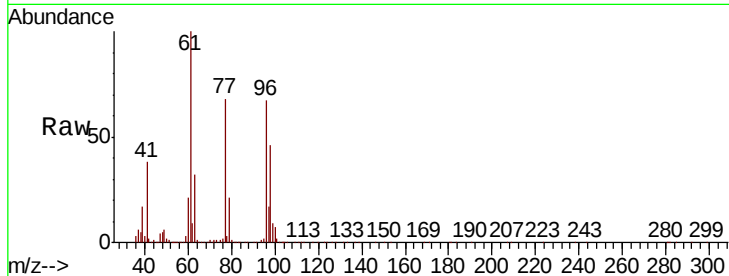


#27

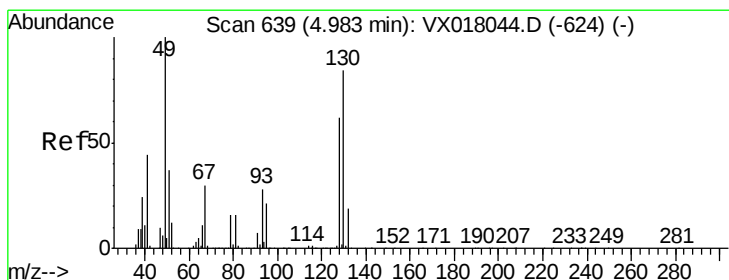
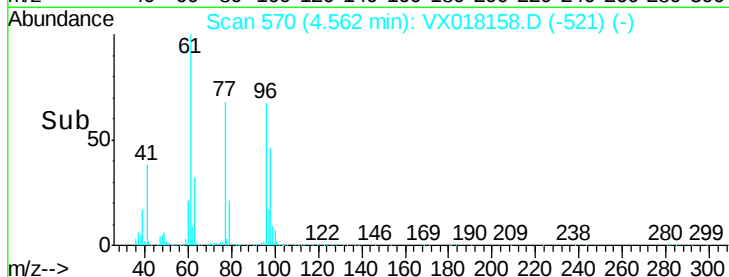
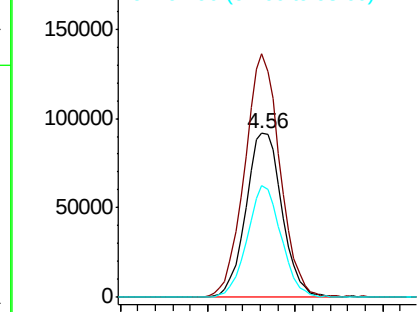
cis-1,2-Dichloroethene
Concen: 49.250 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	296.6
98	64.0	0.0	130.2



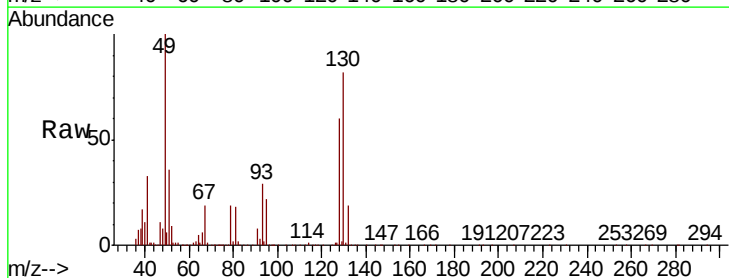
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



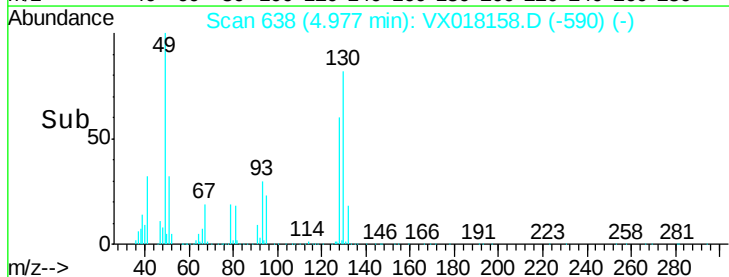
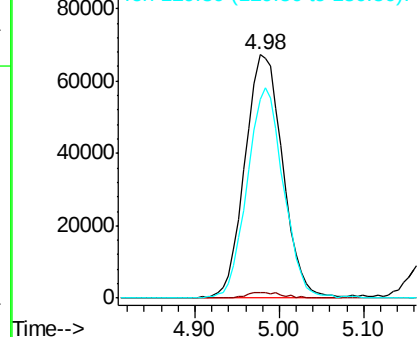
#28

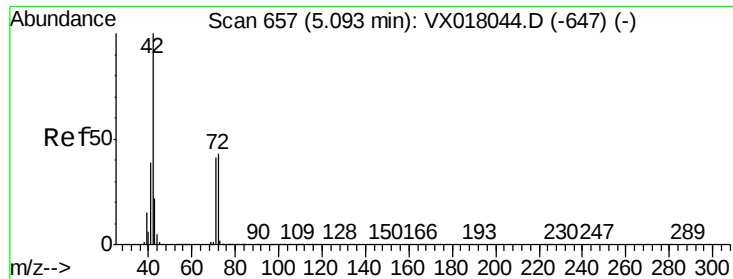
Bromochloromethane
Concen: 50.143 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	82.9	64.6	96.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

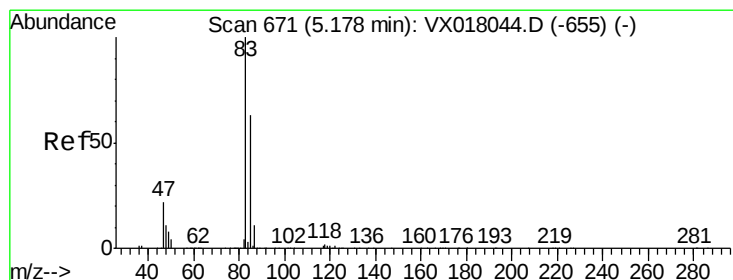
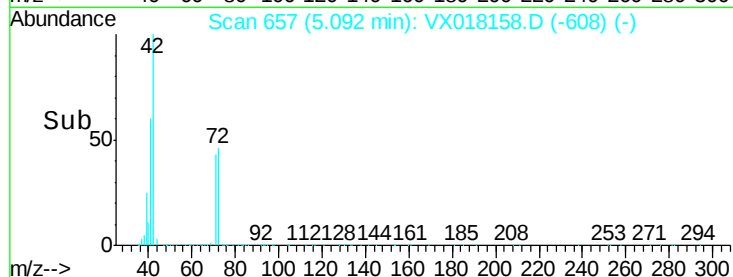
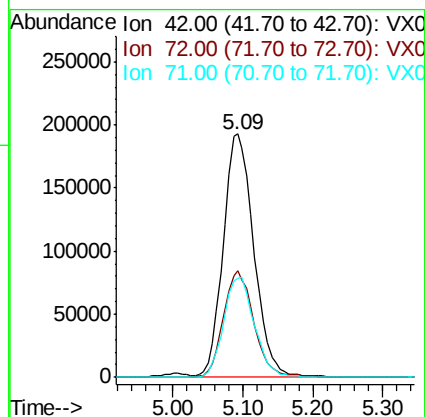
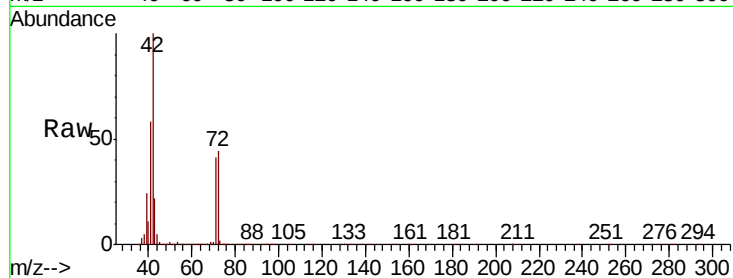




#29
Tetrahydrofuran
Concen: 239.635 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

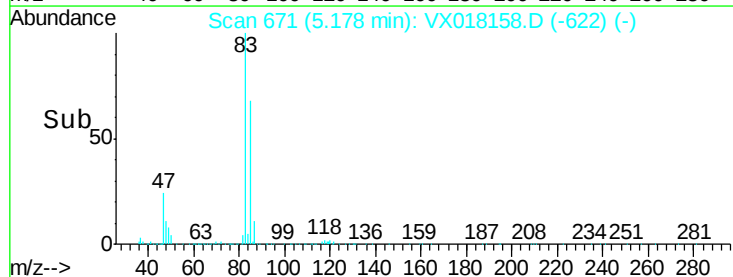
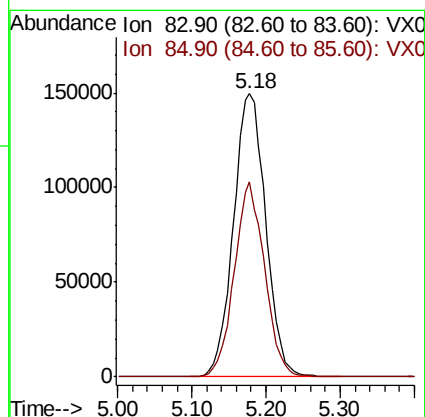
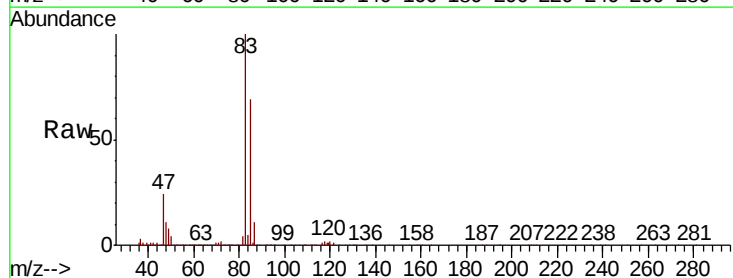
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

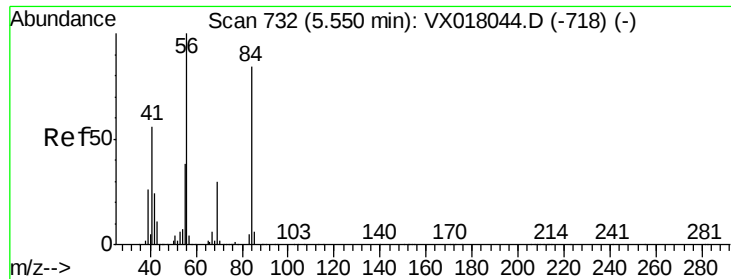
Tot Ion: 42 Resp: 581646
Ion Ratio Lower Upper
42 100
72 44.2 34.2 51.4
71 41.9 32.1 48.1



#30
Chloroform
Concen: 51.807 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion: 83 Resp: 453840
Ion Ratio Lower Upper
83 100
85 68.9 50.7 76.1

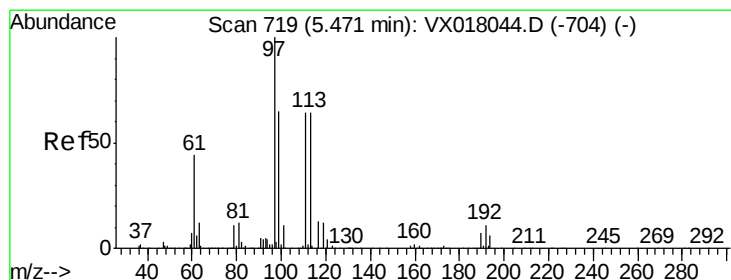
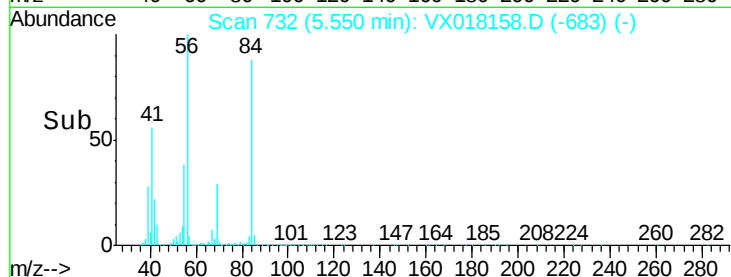
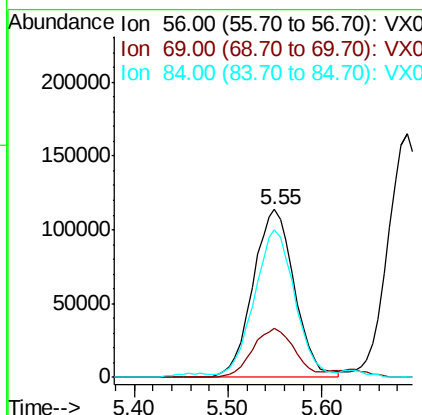
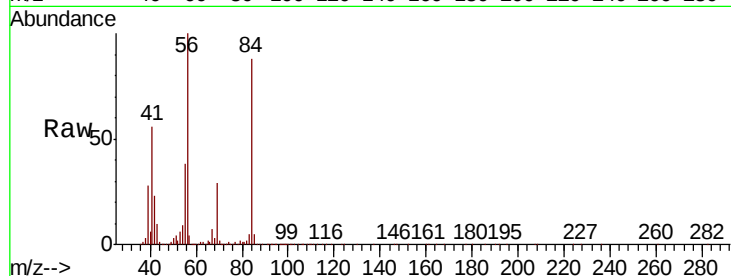




#31
Cyclohexane
Concen: 49.177 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

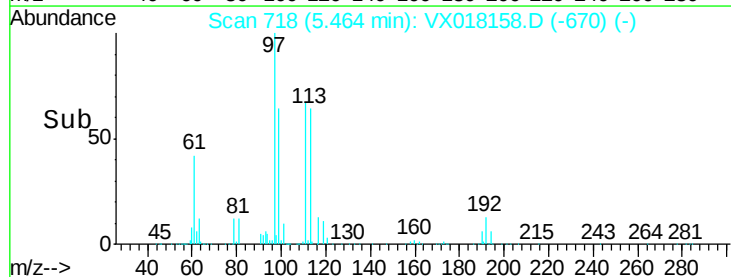
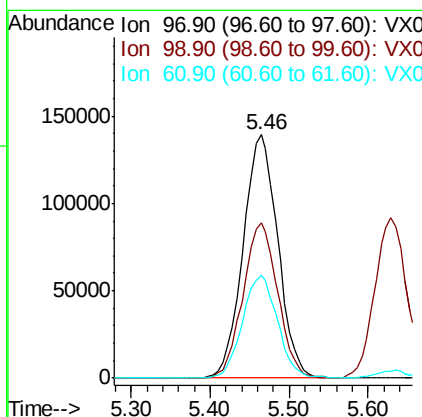
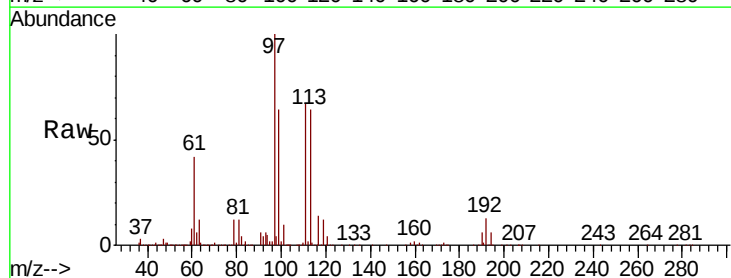
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

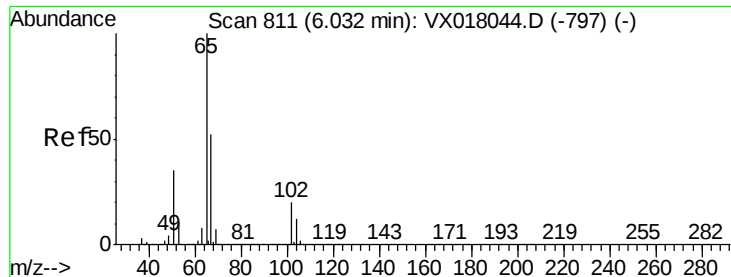
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.9	35.9
84	85.9	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 53.005 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	42.9	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 53.588 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

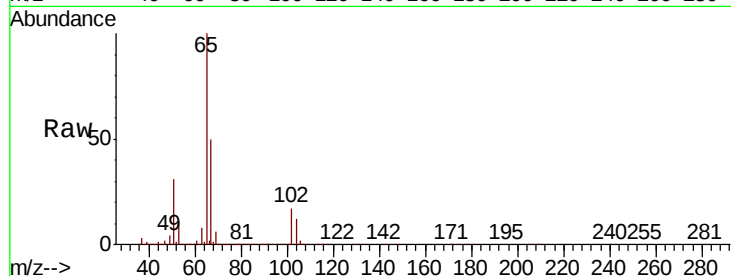
GR-OF-20200827MS

Tot Ion: 65 Resp: 319065

Ion Ratio Lower Upper

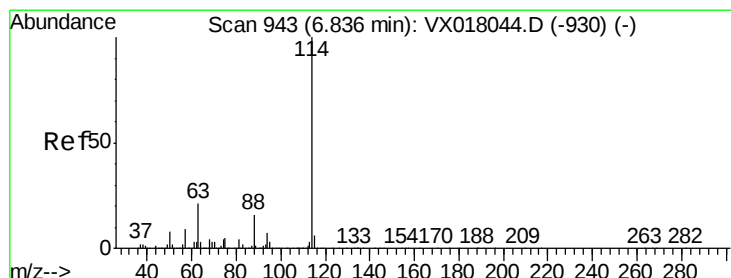
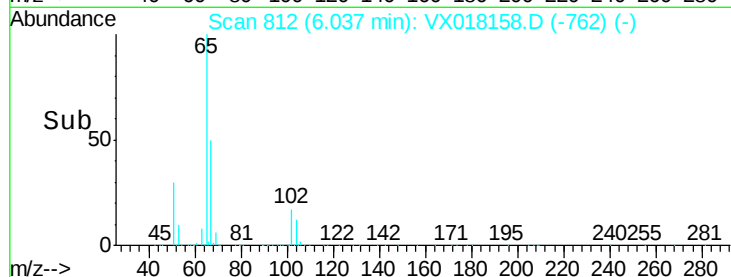
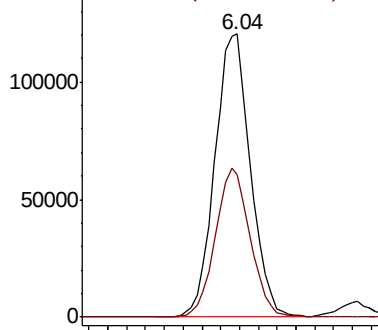
65 100

67 51.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

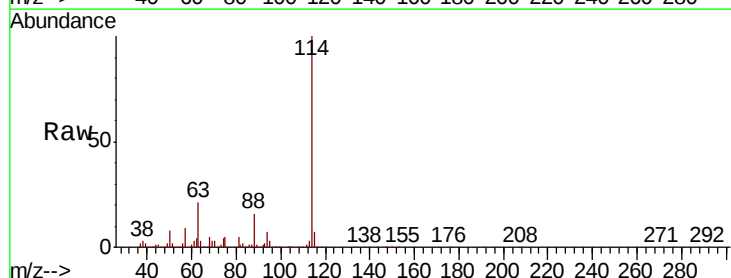
Tgt Ion: 114 Resp: 669567

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

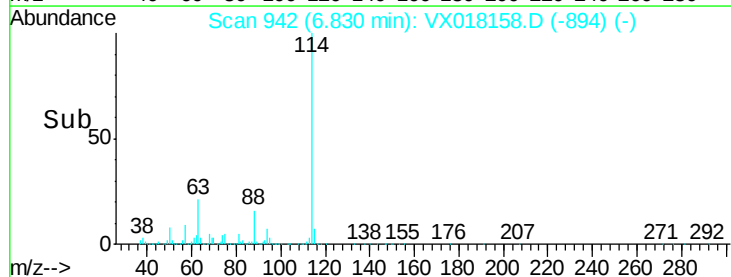
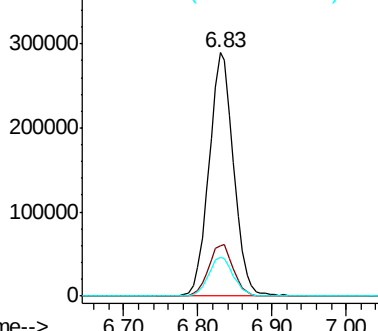
88 15.8 0.0 31.8

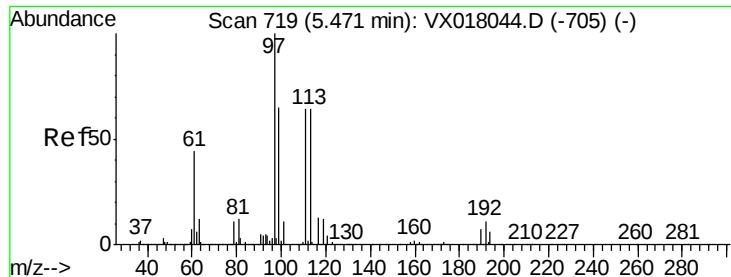


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 55.410 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

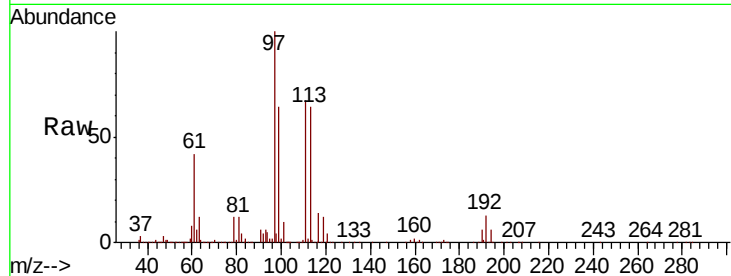
Tot Ion:113 Resp: 252676

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

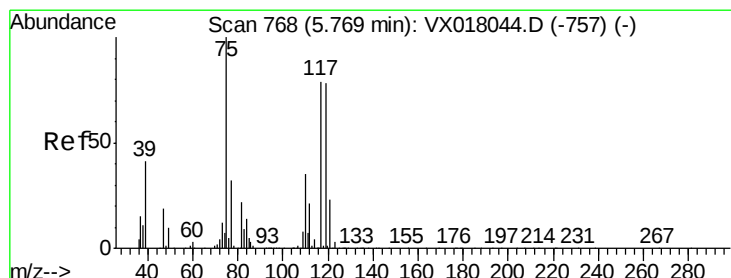
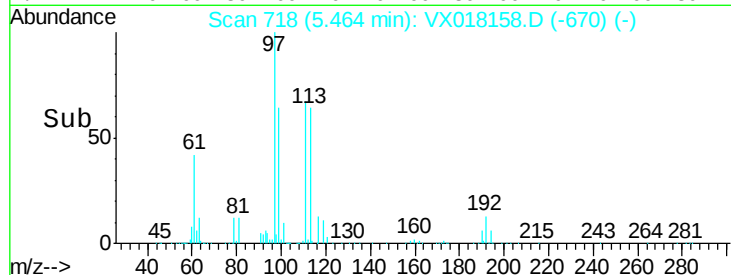
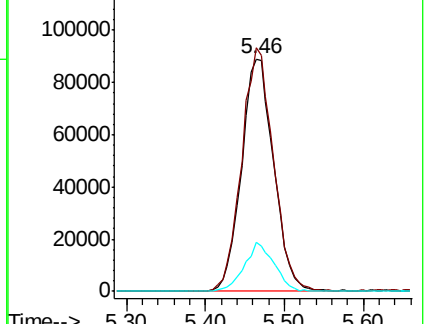
192 19.4 15.8 23.8



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: 52.566 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

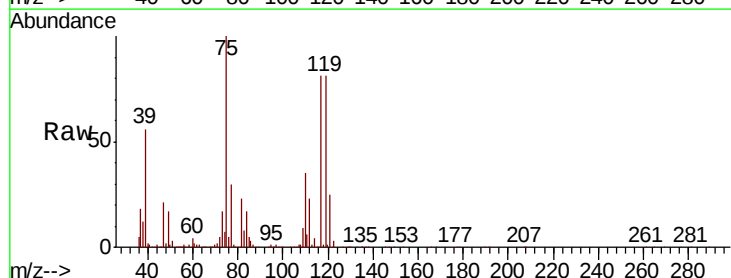
Tgt Ion: 75 Resp: 324635

Ion Ratio Lower Upper

75 100

110 36.2 18.0 54.0

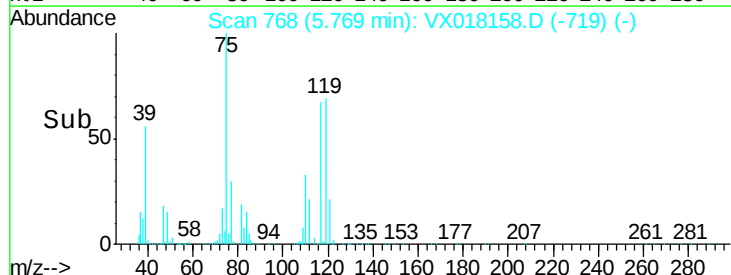
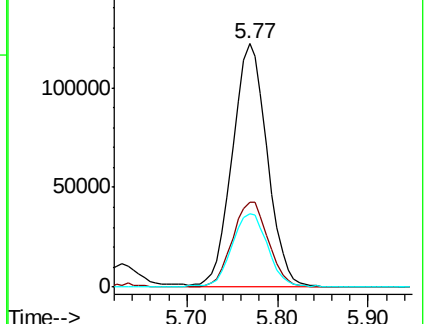
77 31.8 24.4 36.6

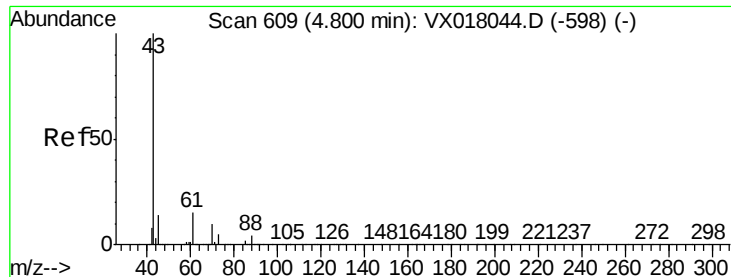


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

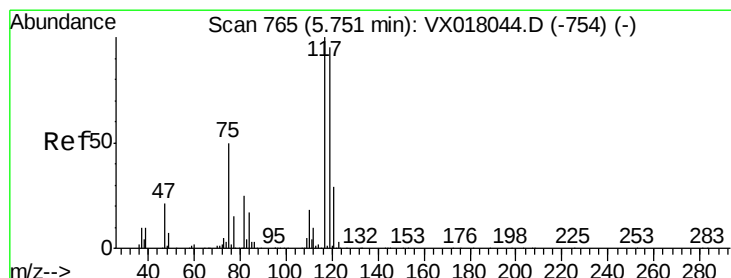
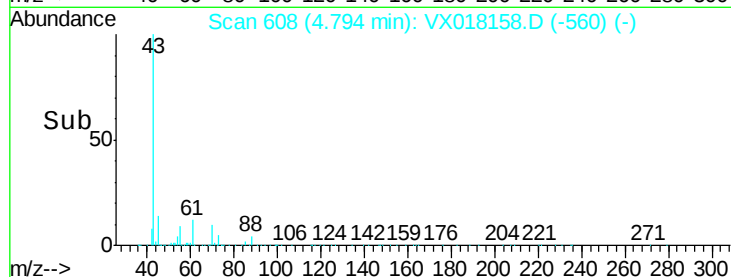
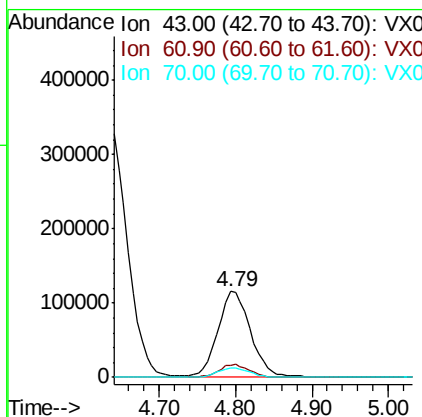
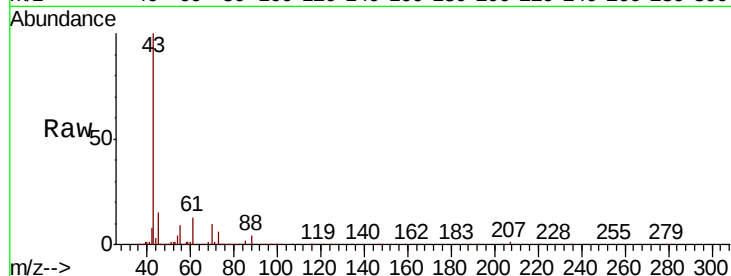




#37
Ethyl Acetate
Concen: 47.413 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

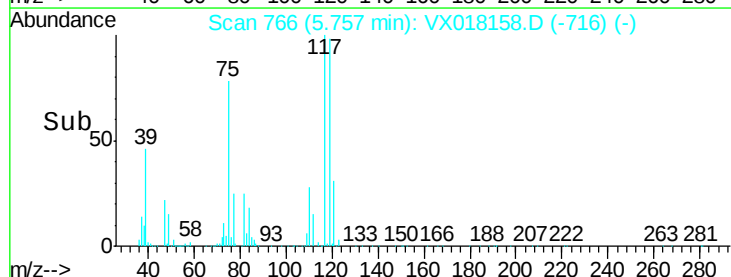
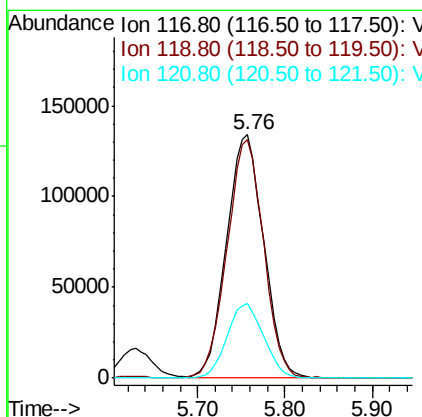
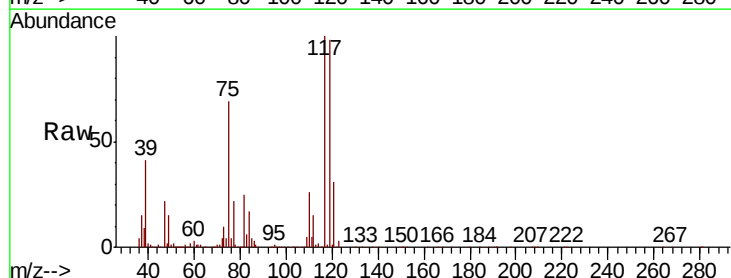
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

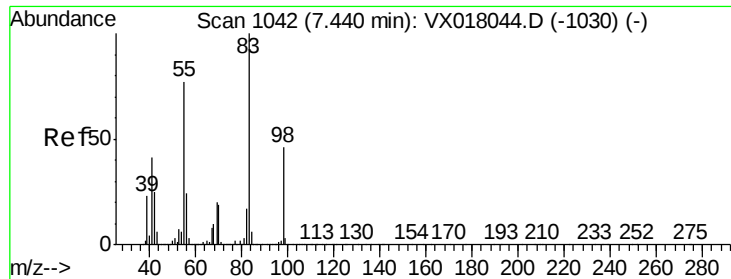
Tot Ion:	43	Resp:	340084
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.6	8.2	12.4



#38
Carbon Tetrachloride
Concen: 56.806 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion:	117	Resp:	395356
Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.8	113.6
121	30.8	23.4	35.0

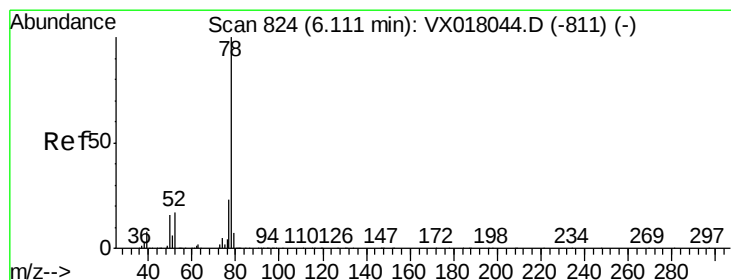
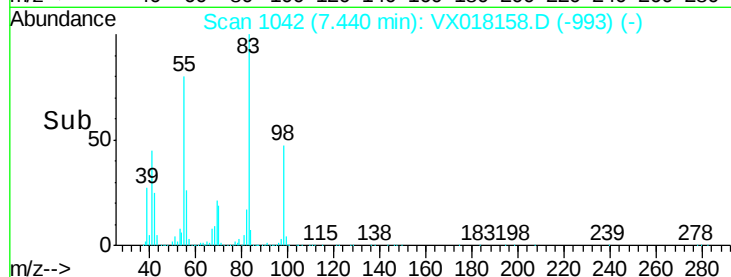
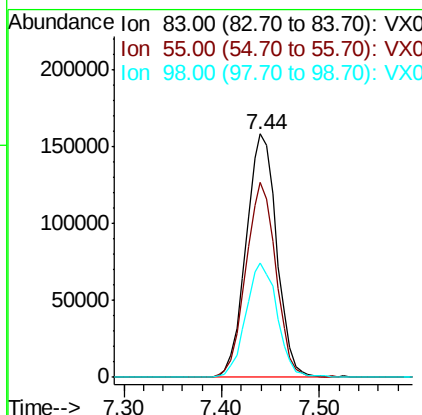
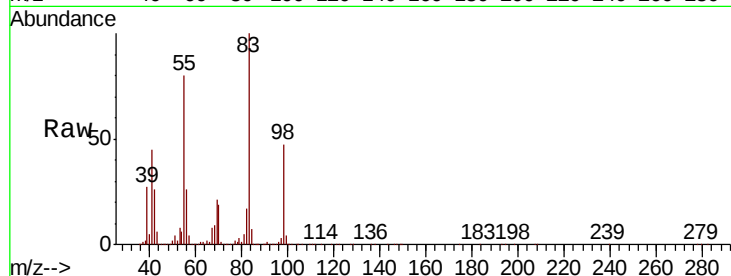




#39
Methvlcvclohexane
Concen: 51.082 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

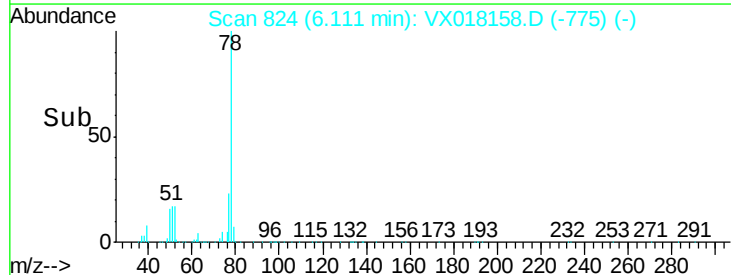
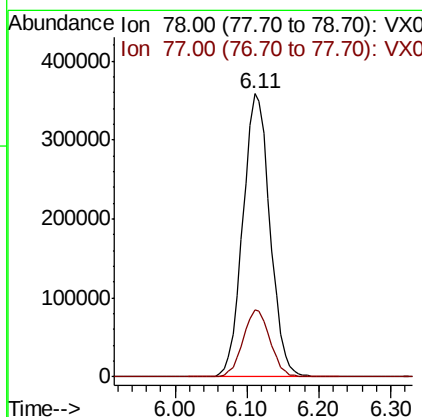
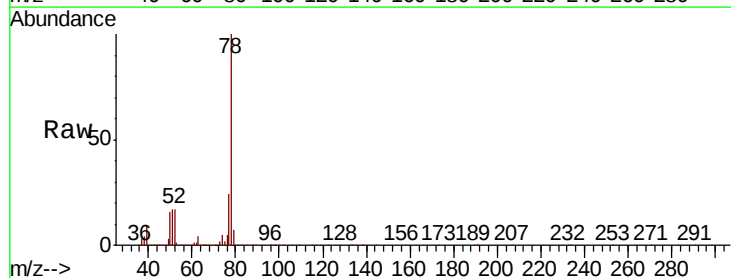
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

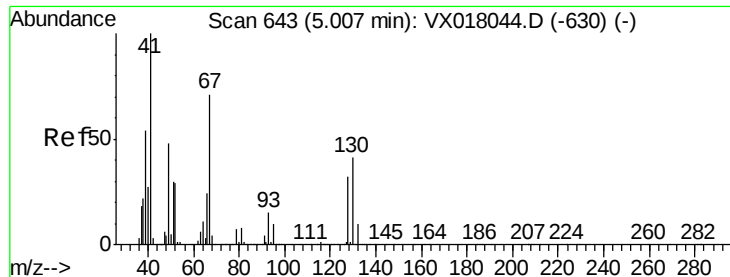
Tot Ion: 83 Resp: 344959
Ion Ratio Lower Upper
83 100
55 79.8 61.8 92.6
98 46.7 36.6 55.0



#40
Benzene
Concen: 51.536 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion: 78 Resp: 935206
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.2

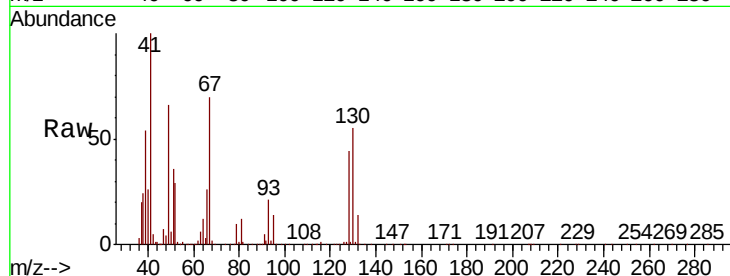




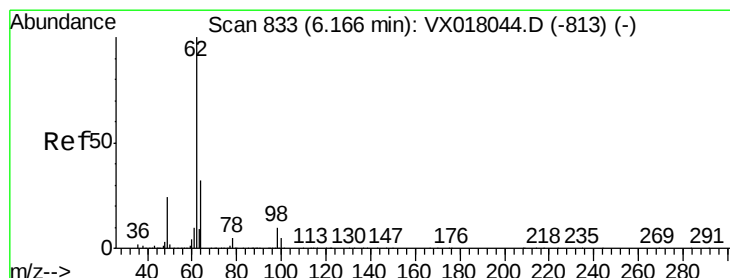
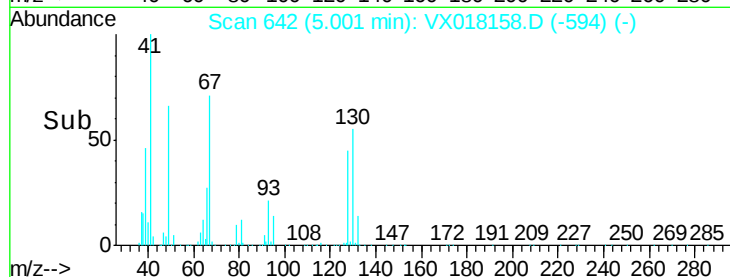
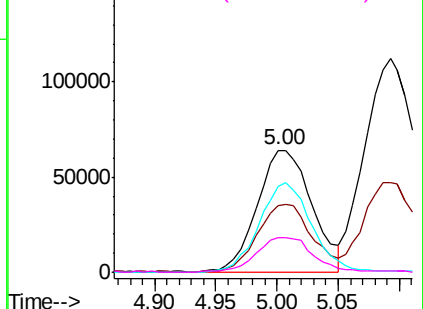
#41
Methacrylonitrile
Concen: 50.425 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

Tot Ion:	41	Resp:	198590
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.1	64.7
67	71.0	56.0	84.0
52	28.8	22.7	34.1

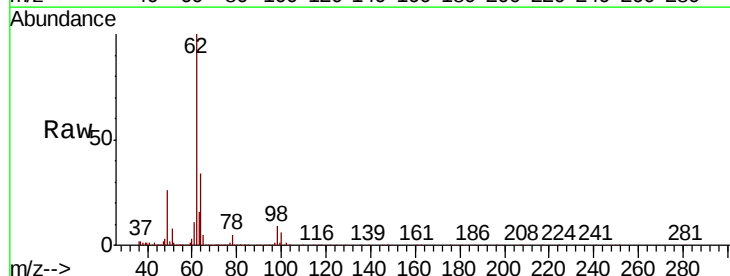


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

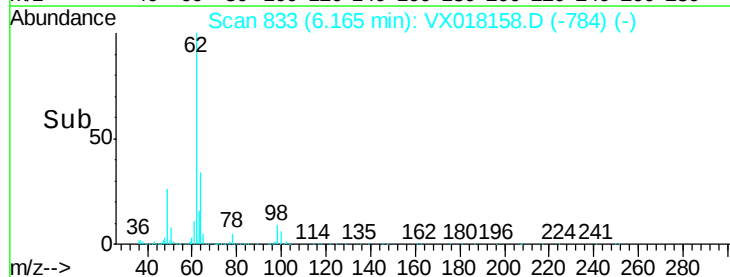
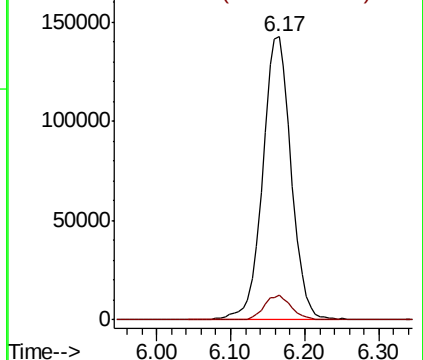


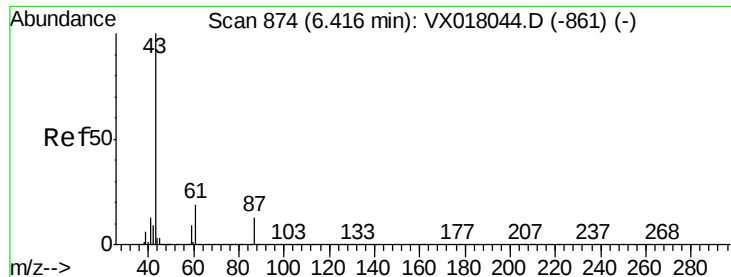
#42
1,2-Dichloroethane
Concen: 54.513 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion:	62	Resp:	379008
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.139 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

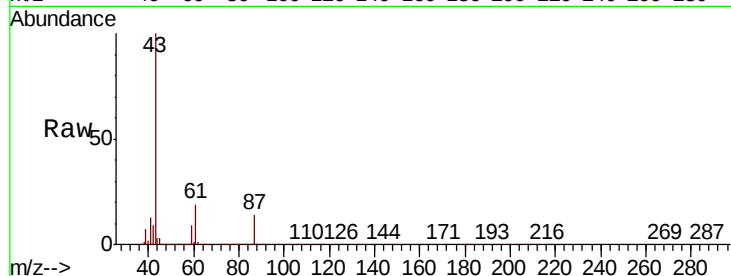
Tot Ion: 43 Resp: 569287

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

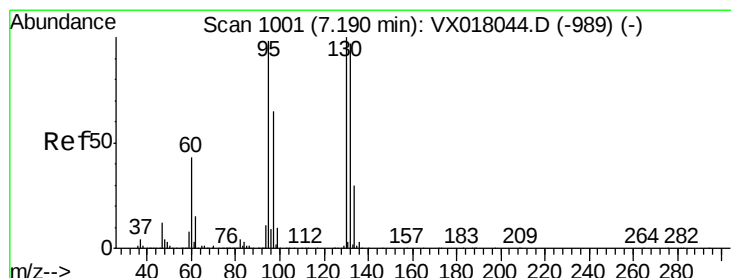
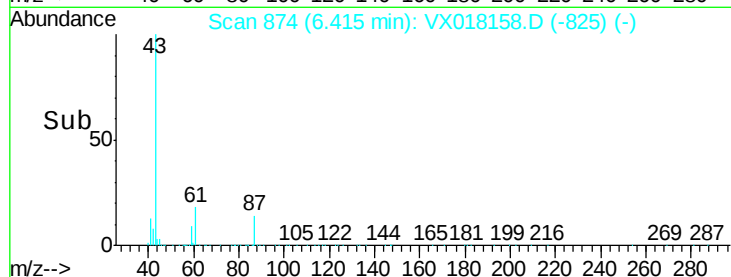
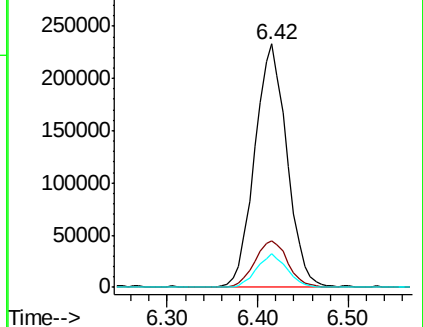
87 13.2 10.3 15.5



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: 53.443 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018158.D

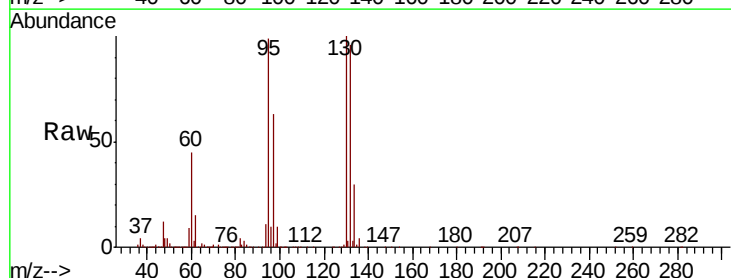
Acq: 31 Aug 2020 19:19

Tgt Ion: 130 Resp: 274029

Ion Ratio Lower Upper

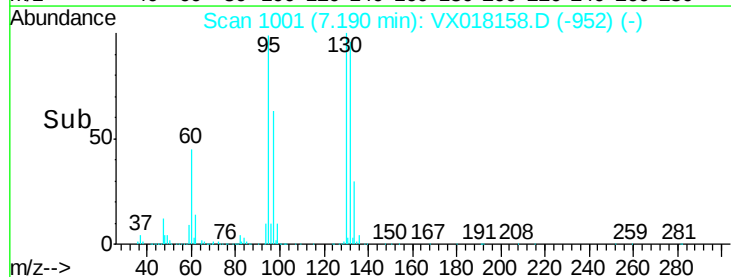
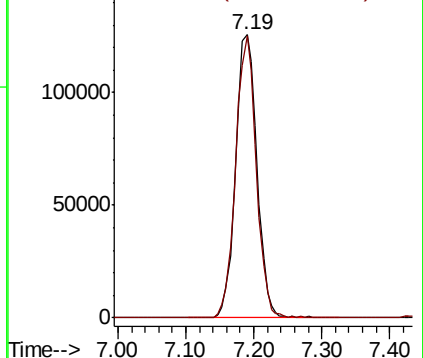
130 100

95 99.4 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.348 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

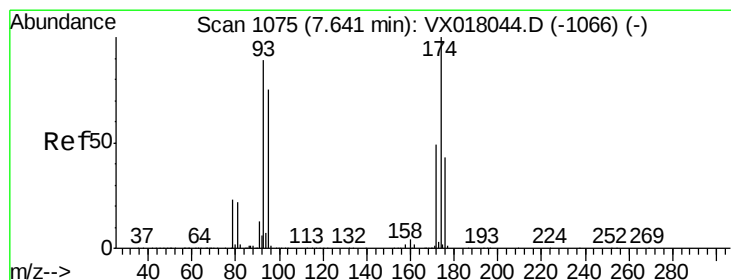
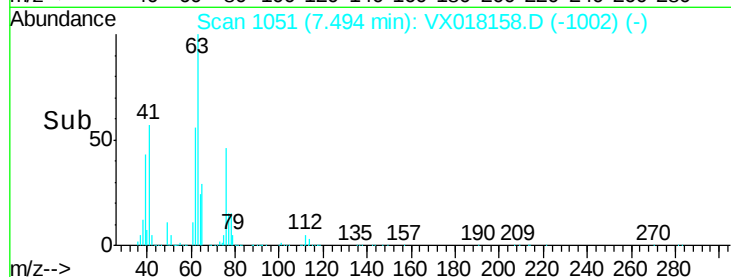
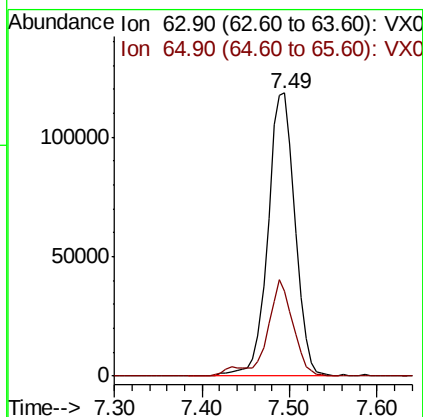
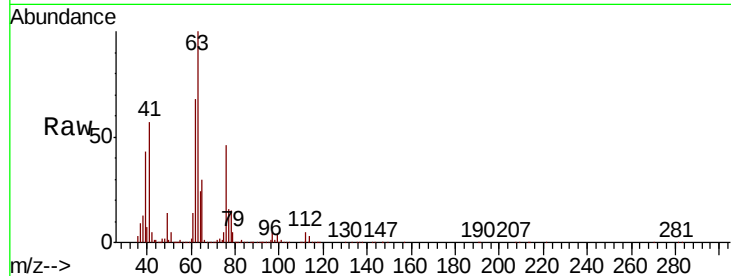
GR-OF-20200827MS

Tot Ion: 63 Resp: 256026

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 51.372 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

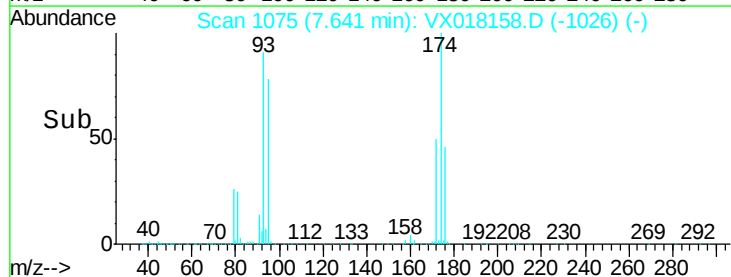
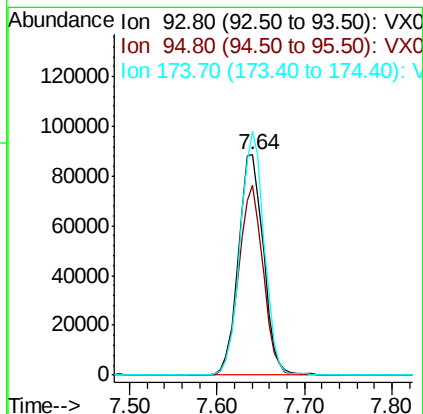
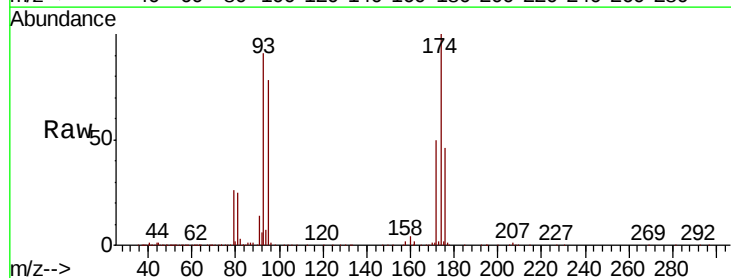
Tgt Ion: 93 Resp: 176684

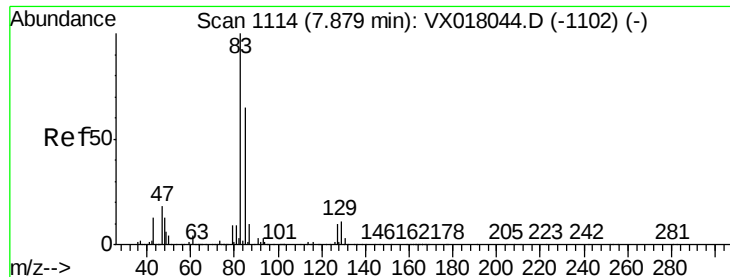
Ion Ratio Lower Upper

93 100

95 83.9 67.3 100.9

174 105.8 82.2 123.2





#47

Bromodichloromethane

Concen: 54.873 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

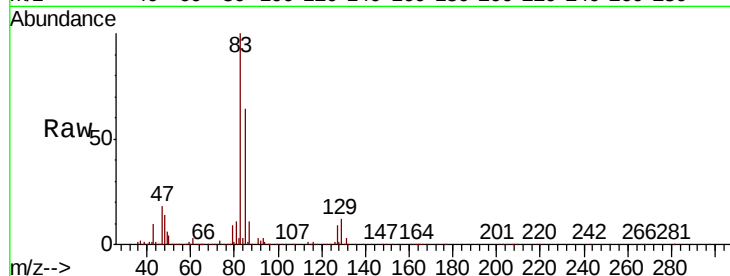
Tot Ion: 83 Resp: 376825

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

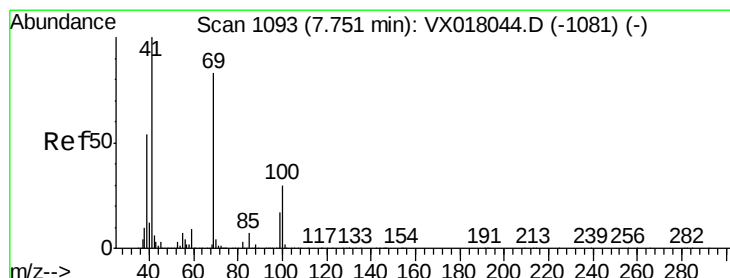
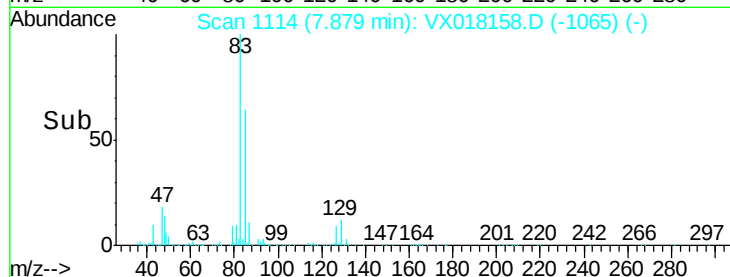
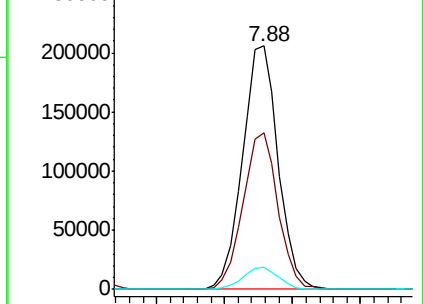
127 8.9 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.196 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

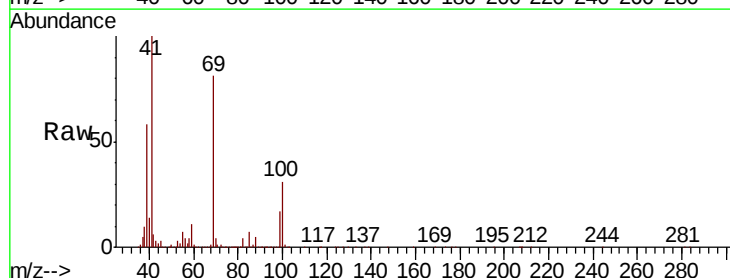
Tgt Ion: 41 Resp: 289495

Ion Ratio Lower Upper

41 100

69 83.8 65.5 98.3

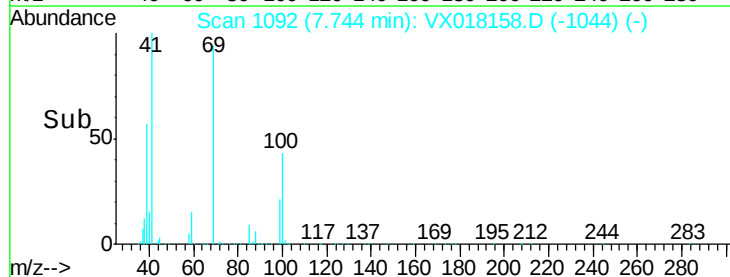
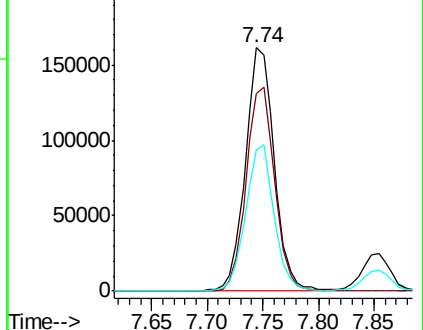
39 59.1 44.5 66.7

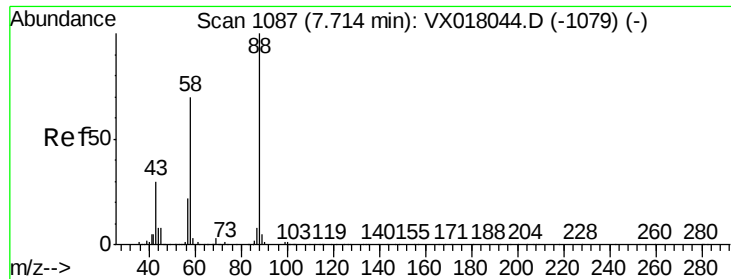


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1004.213 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

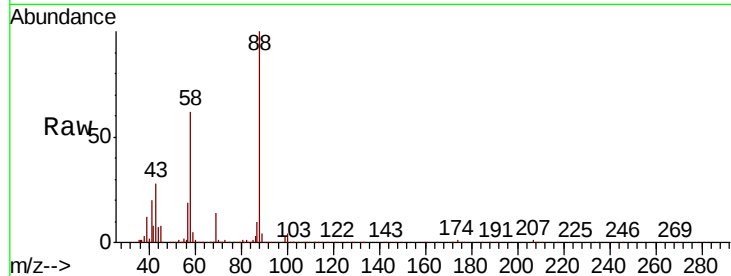
Tot Ion: 88 Resp: 104909

Ion Ratio Lower Upper

88 100

43 36.2 27.4 41.0

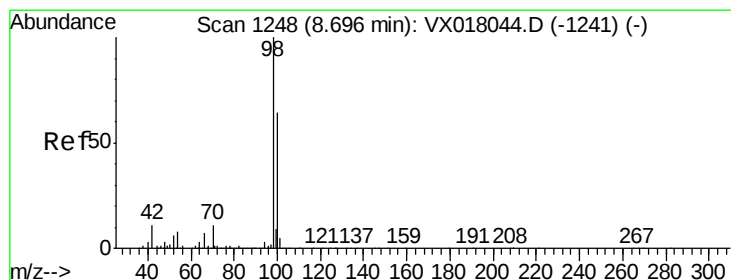
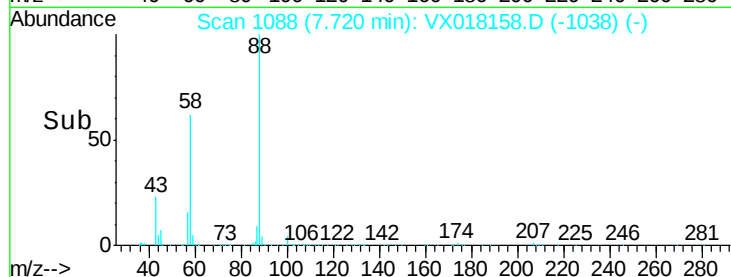
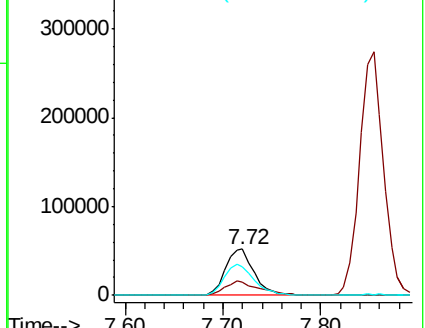
58 71.5 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.467 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018158.D

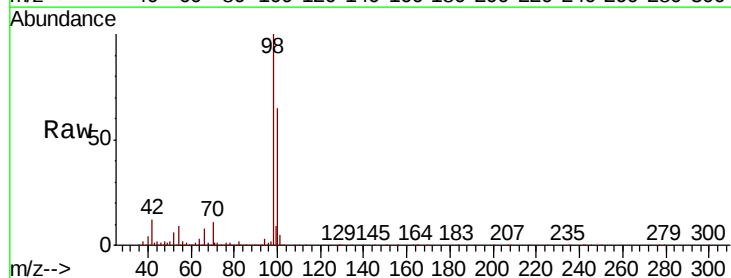
Acq: 31 Aug 2020 19:19

Tgt Ion: 98 Resp: 891119

Ion Ratio Lower Upper

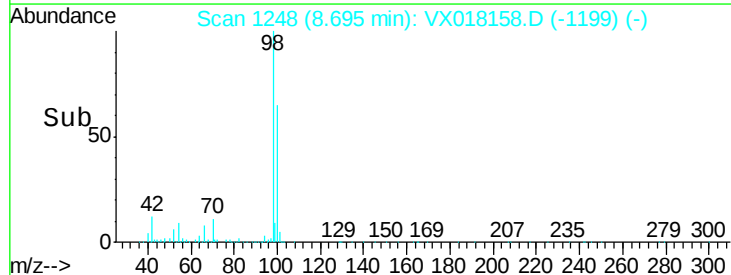
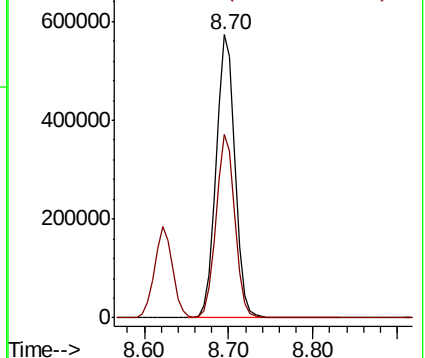
98 100

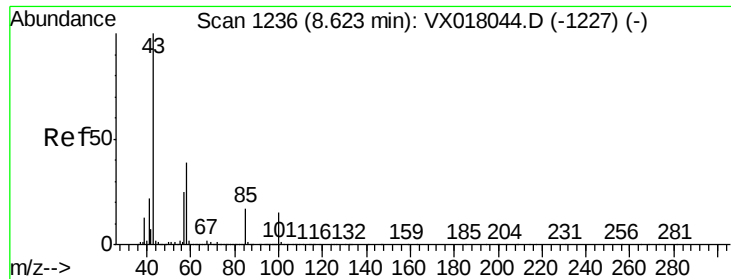
100 64.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 254.885 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

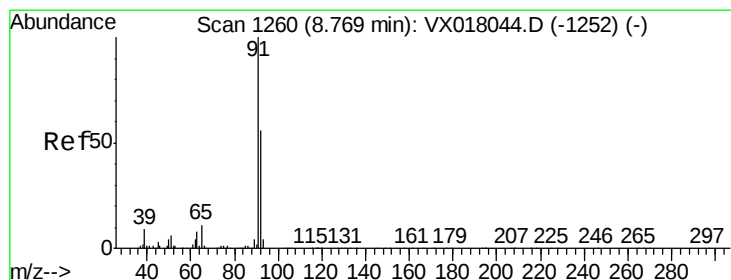
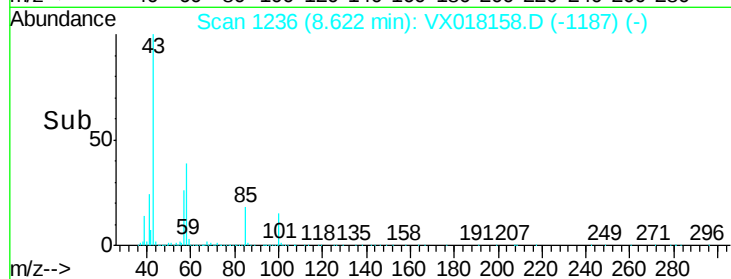
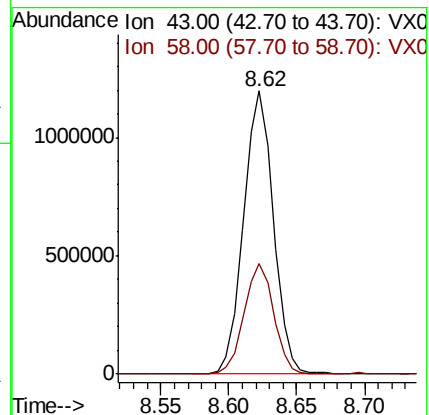
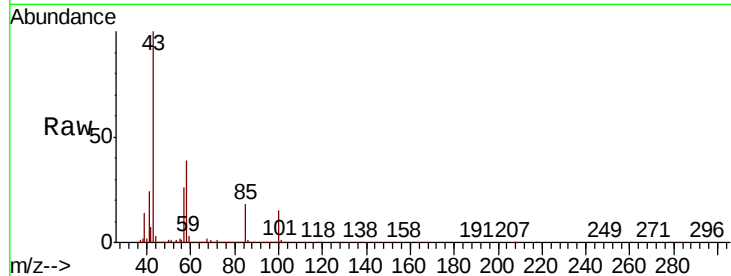
GR-OF-20200827MS

Tot Ion: 43 Resp: 1824046

Ion Ratio Lower Upper

43 100

58 38.7 30.7 46.1



#52

Toluene

Concen: 52.393 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018158.D

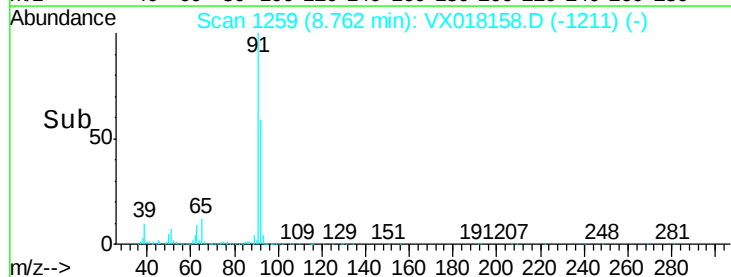
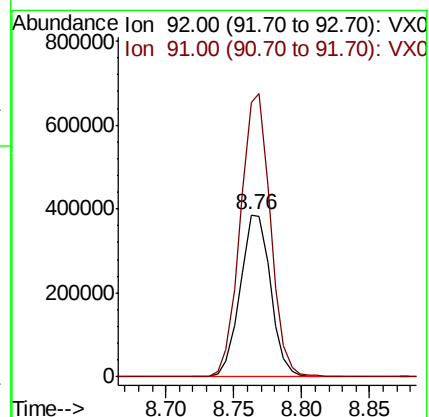
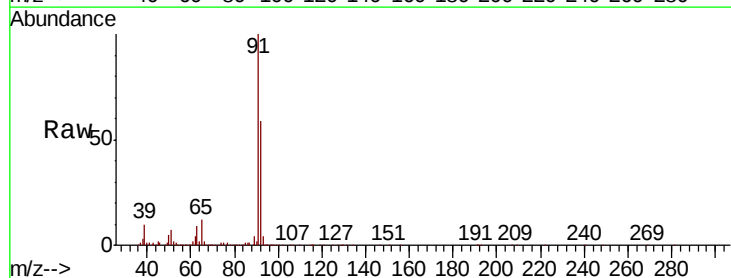
Acq: 31 Aug 2020 19:19

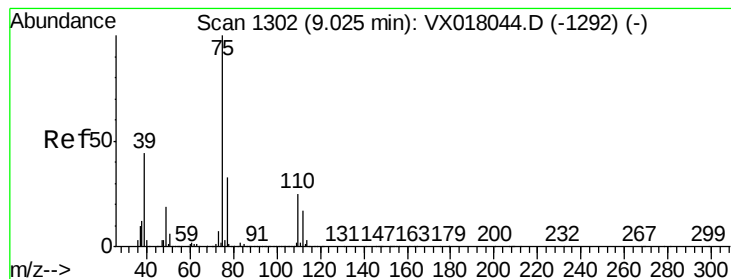
Tgt Ion: 92 Resp: 602870

Ion Ratio Lower Upper

92 100

91 172.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 51.899 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

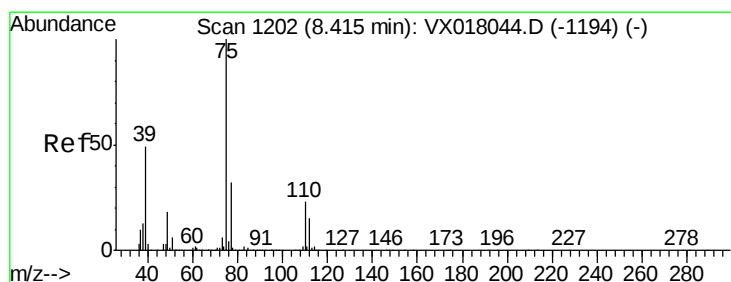
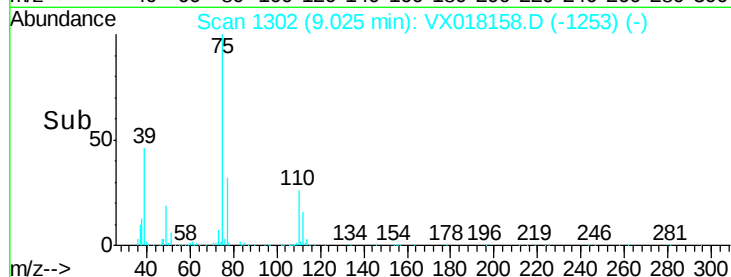
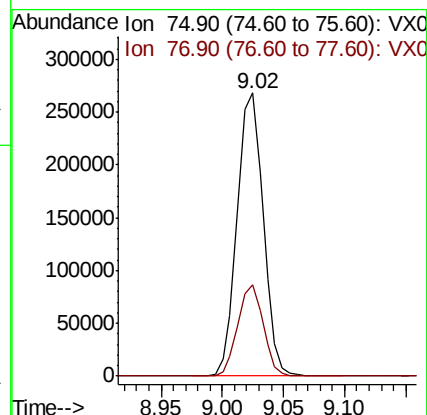
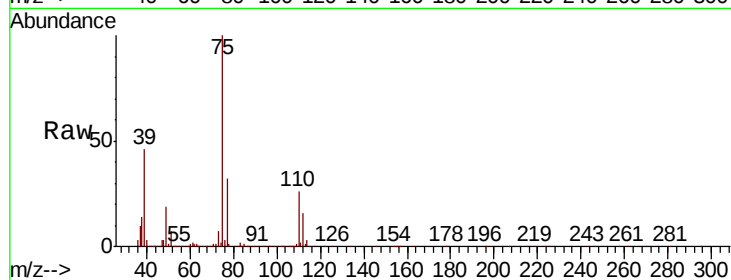
GR-OF-20200827MS

Tot Ion: 75 Resp: 395002

Ion Ratio Lower Upper

75 100

77 32.3 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 49.729 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

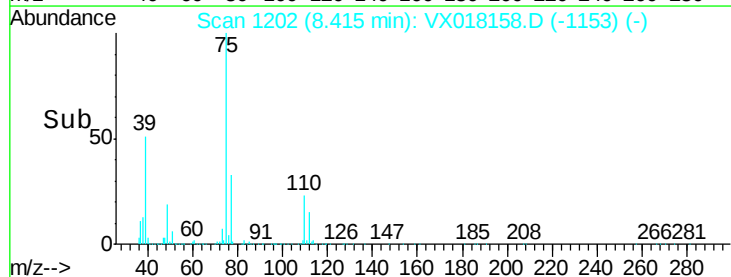
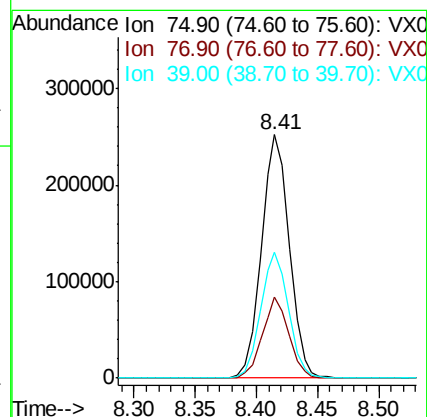
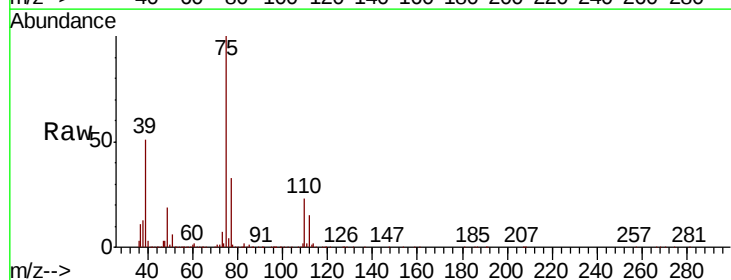
Tgt Ion: 75 Resp: 400944

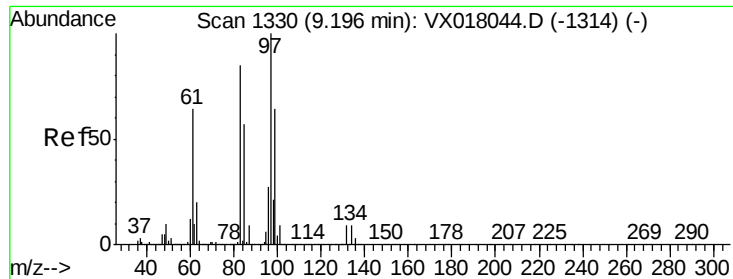
Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.8

39 51.4 38.8 58.2

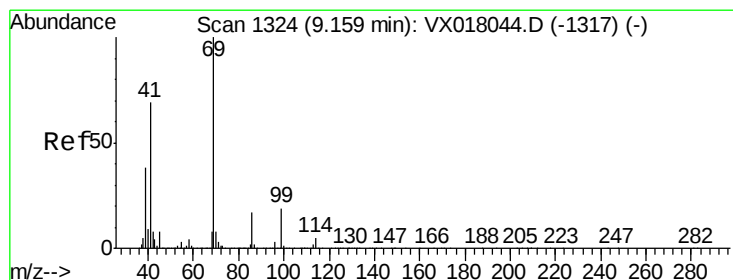
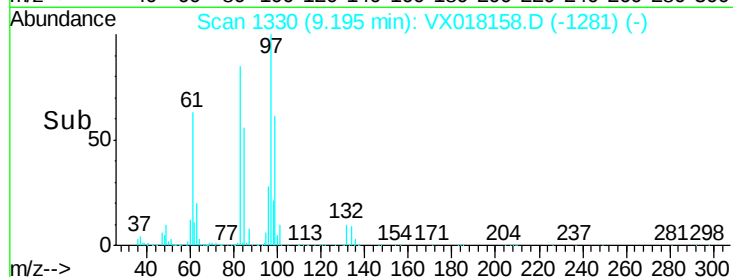
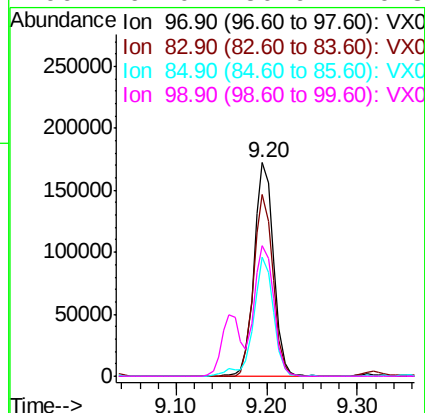
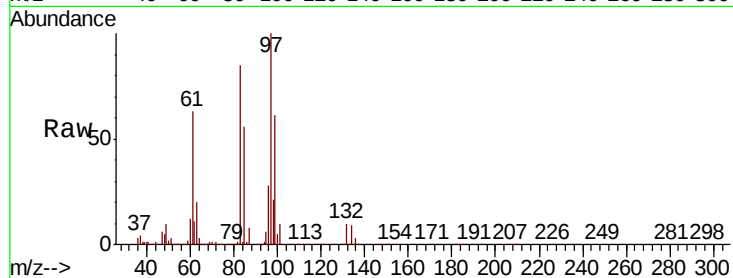




#55
 1,1,2-Trichloroethane
 Concen: 52.016 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

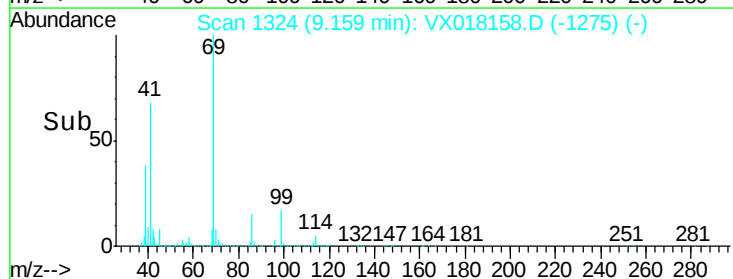
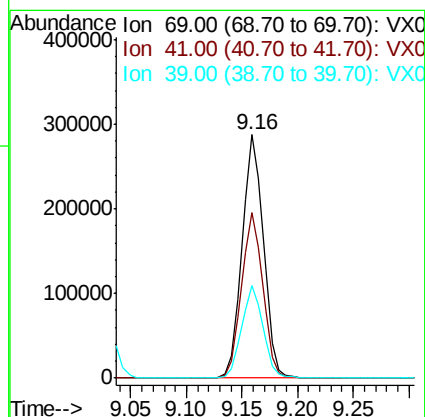
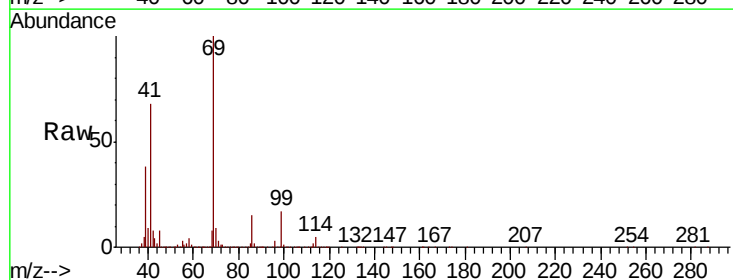
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

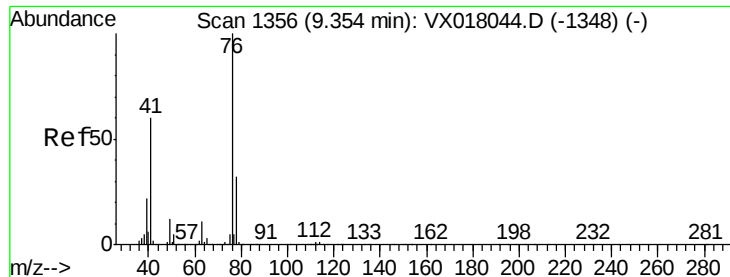
Tot Ion:	97	Resp:	255269
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.8	101.6
85	56.0	45.3	67.9
99	61.0	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 52.365 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion:	69	Resp:	382034
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.6	81.8
39	38.2	29.1	43.7





#57

1,3-Dichloropropane

Concen: 51.553 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

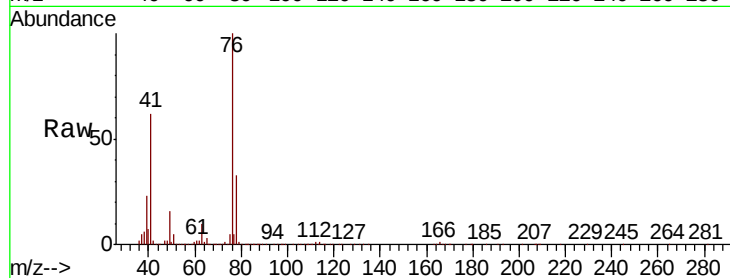
GR-OF-20200827MS

Tot Ion: 76 Resp: 417290

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

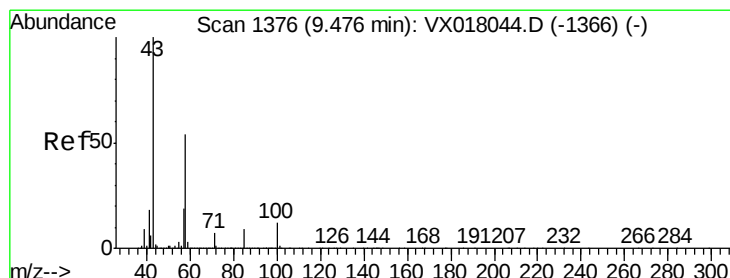
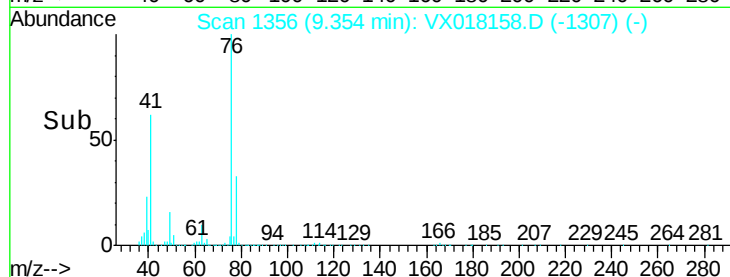
300000

200000

100000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#59

2-Hexanone

Concen: 262.707 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018158.D

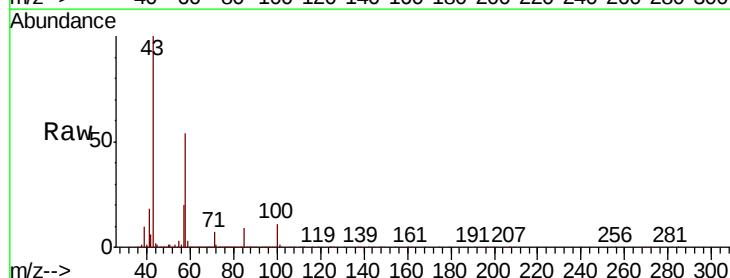
Acq: 31 Aug 2020 19:19

Tgt Ion: 43 Resp: 1429543

Ion Ratio Lower Upper

43 100

58 53.0 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

1200000

1000000

800000

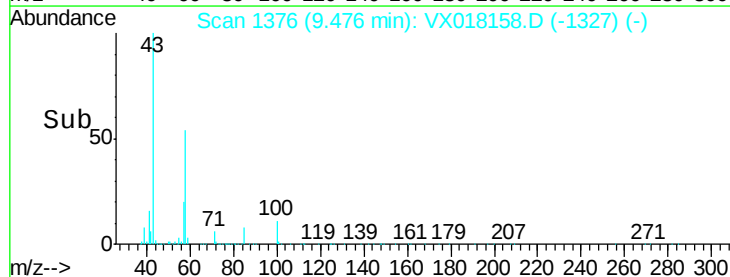
600000

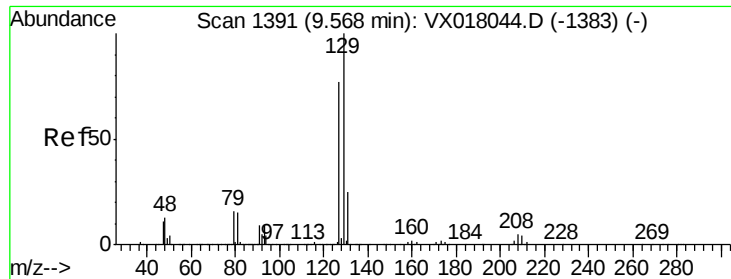
400000

200000

0

Time--> 9.40 9.45 9.50 9.55





#60

Dibromochloromethane

Concen: 54.713 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

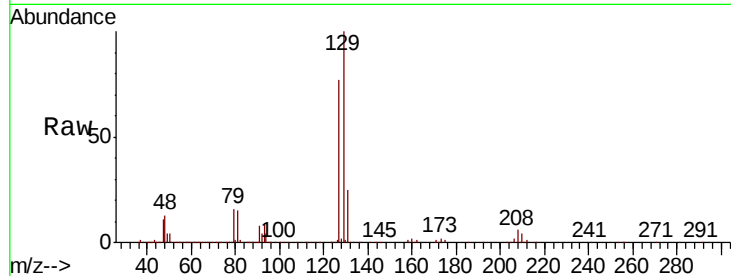
GR-OF-20200827MS

Tot Ion:129 Resp: 314983

Ion Ratio Lower Upper

129 100

127 76.5 38.9 116.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

250000

200000

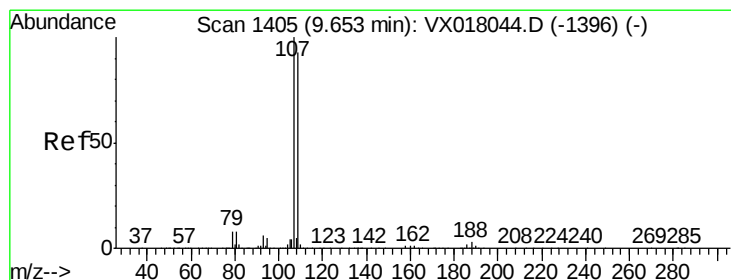
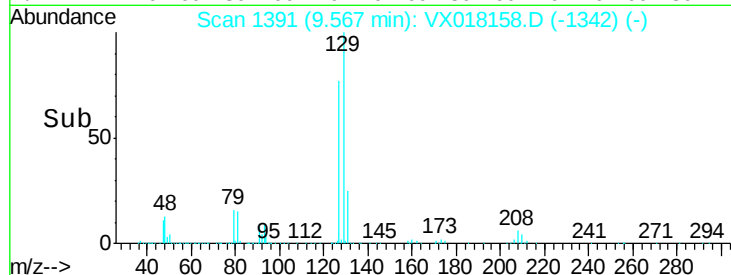
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 53.601 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018158.D

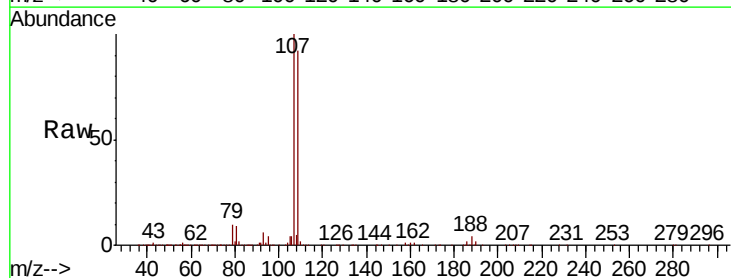
Acq: 31 Aug 2020 19:19

Tgt Ion:107 Resp: 285586

Ion Ratio Lower Upper

107 100

109 91.2 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

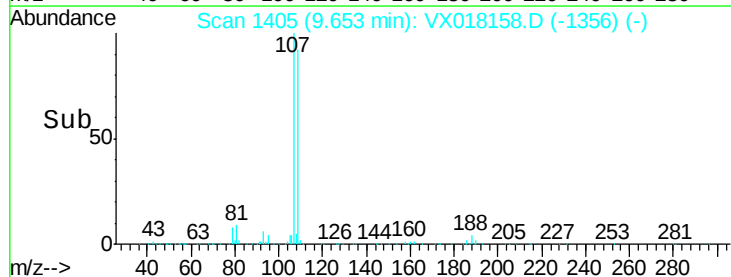
150000

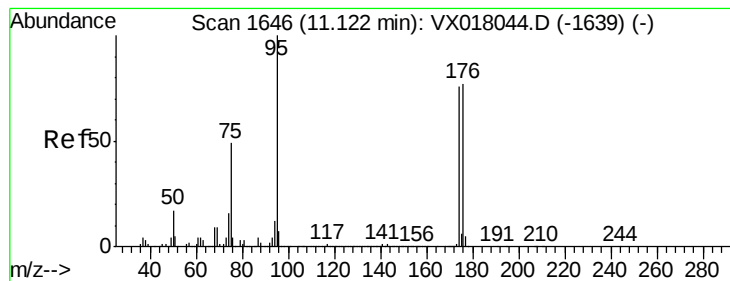
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 55.145 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

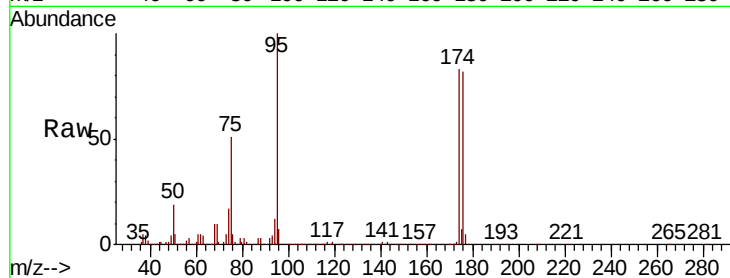
Tot Ion: 95 Resp: 368497

Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.2

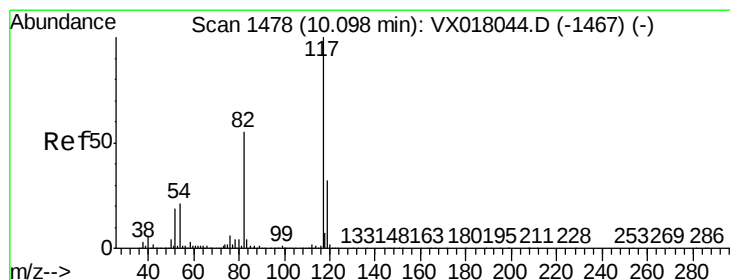
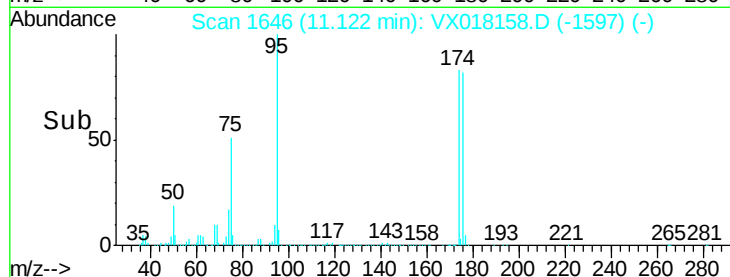
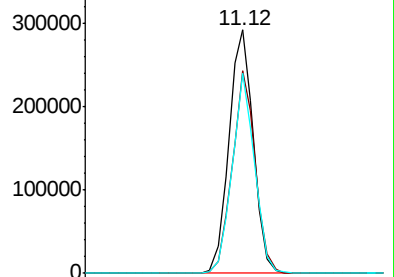
176 76.1 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

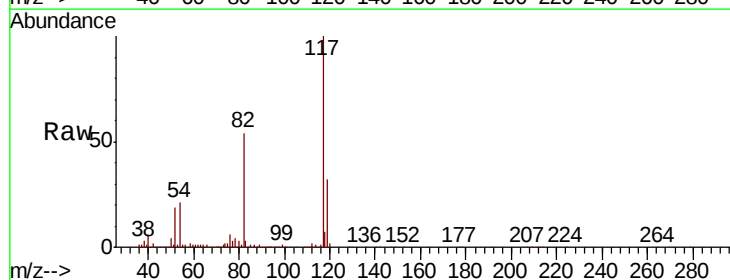
Tgt Ion: 117 Resp: 671130

Ion Ratio Lower Upper

117 100

82 54.5 44.2 66.2

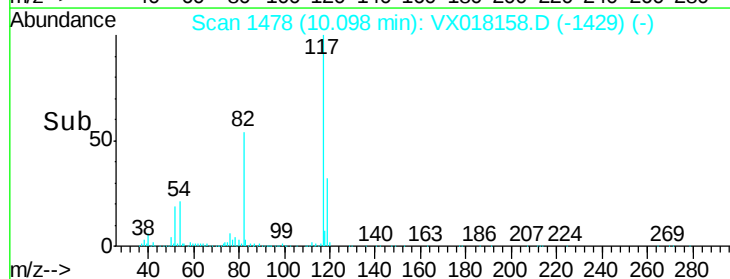
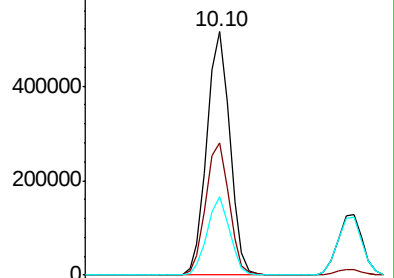
119 32.1 25.7 38.5

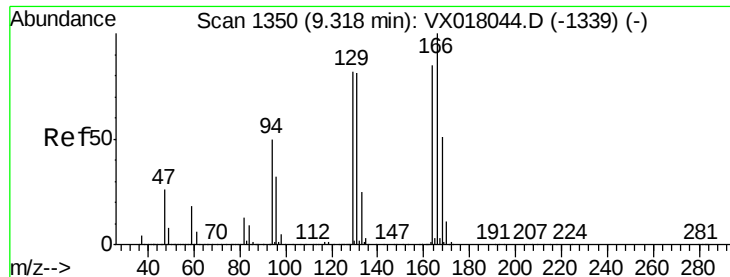


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)





#64

Tetrachloroethene

Concen: 50.078 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion:164 Resp: 246980

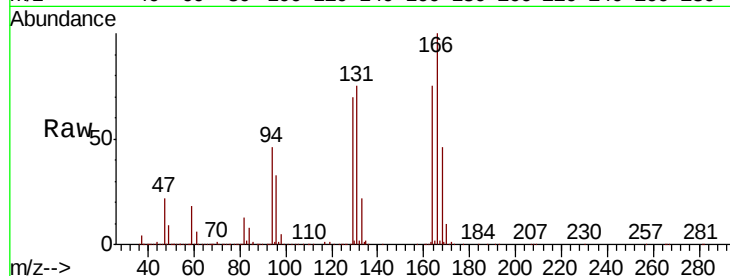
Ion Ratio Lower Upper

164 100

166 132.9 94.2 141.2

129 93.0 76.9 115.3

131 99.5 76.1 114.1

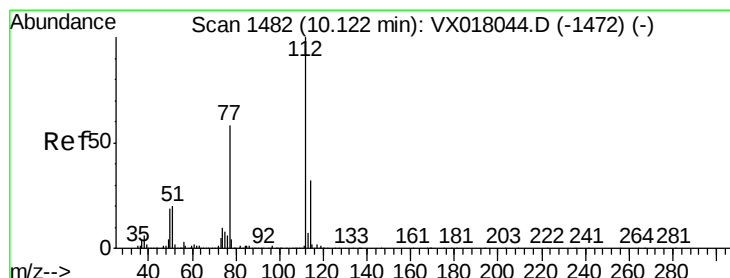
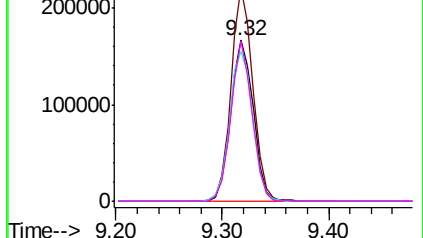
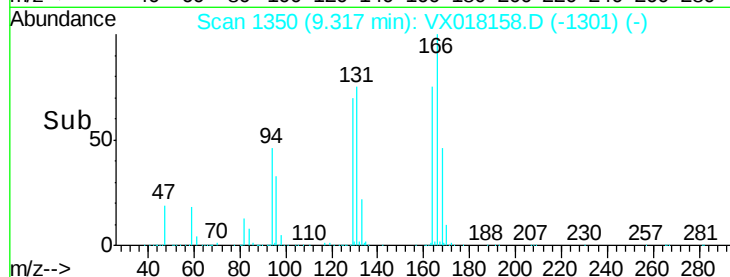


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.364 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018158.D

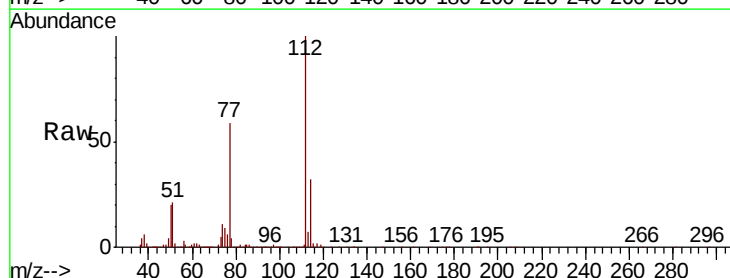
Acq: 31 Aug 2020 19:19

Tgt Ion:112 Resp: 675075

Ion Ratio Lower Upper

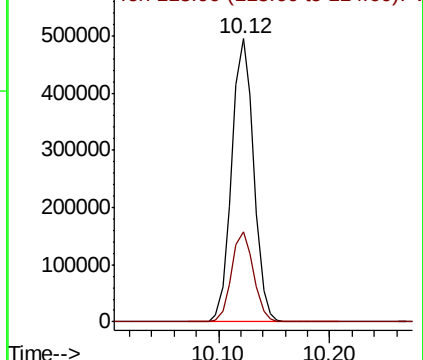
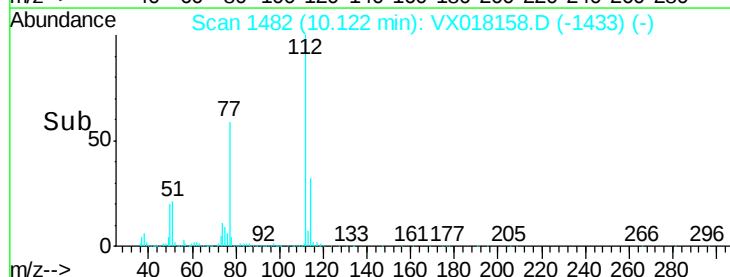
112 100

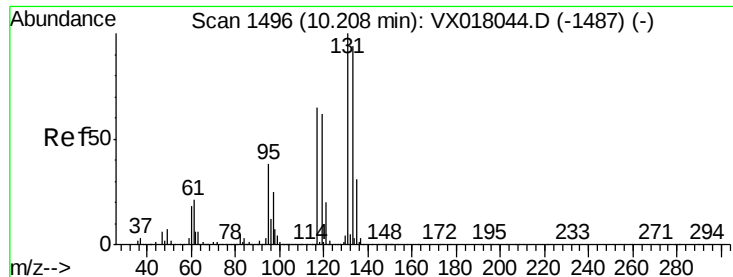
114 31.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

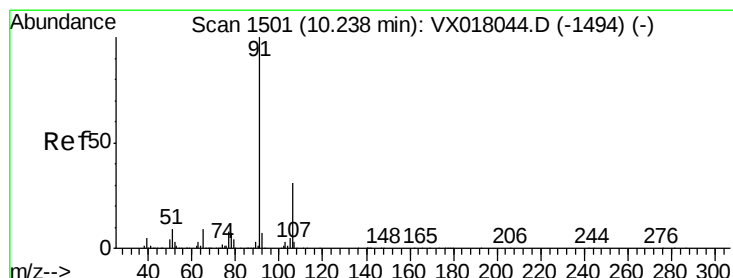
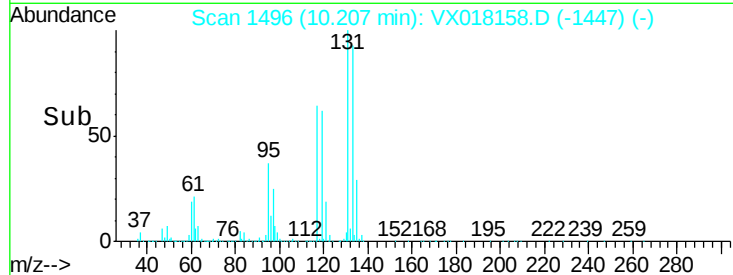
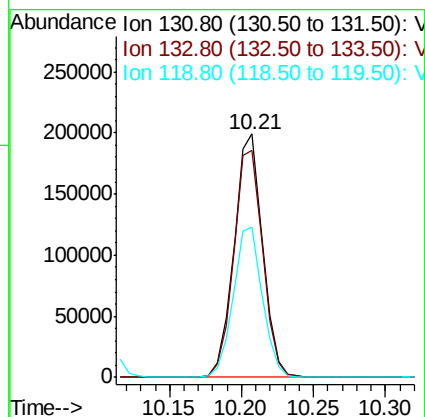
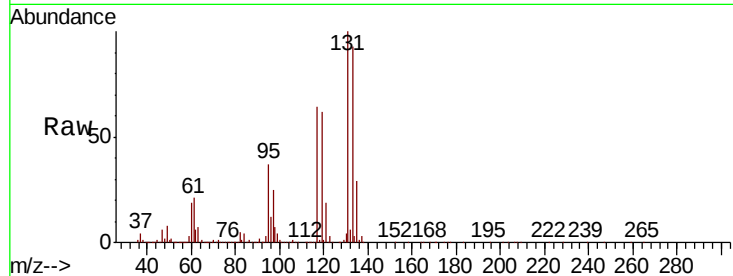




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.267 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

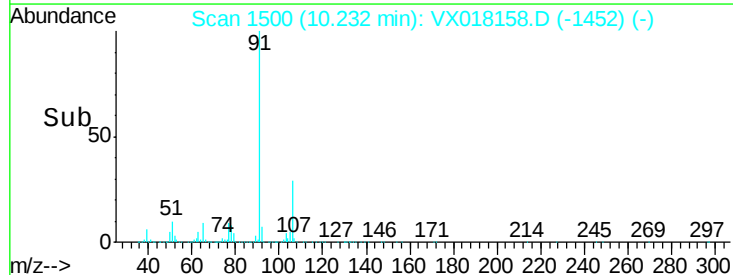
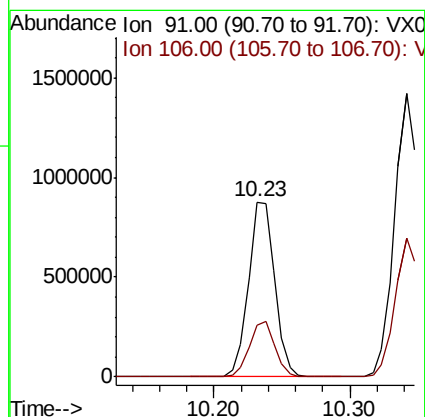
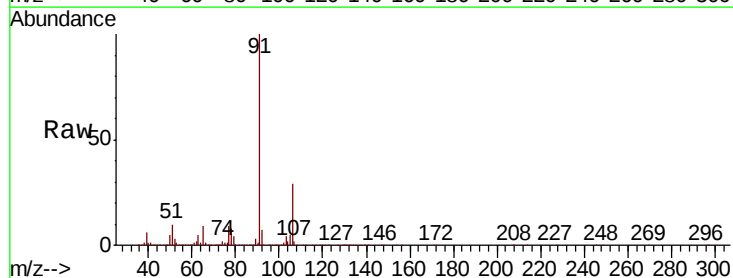
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

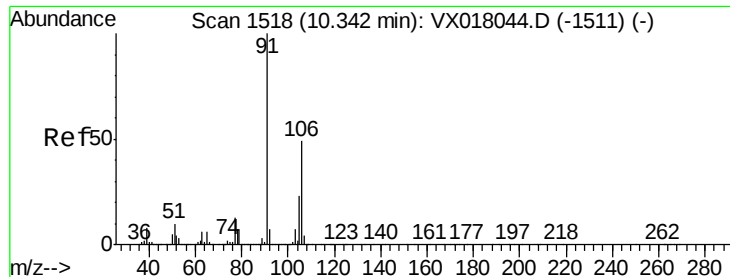
Tot Ion	Ratio	Lower	Upper
131	100		
133	94.9	46.7	140.1
119	62.9	31.8	95.4



#67
 Ethyl Benzene
 Concen: 52.139 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.9	37.3

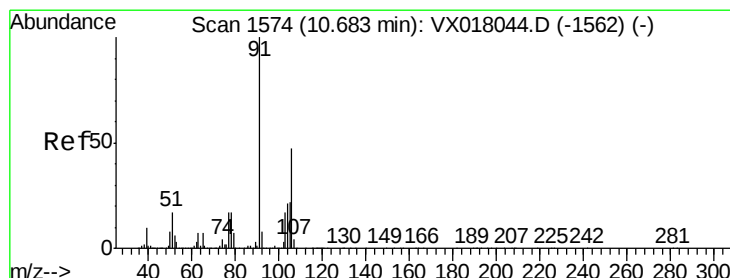
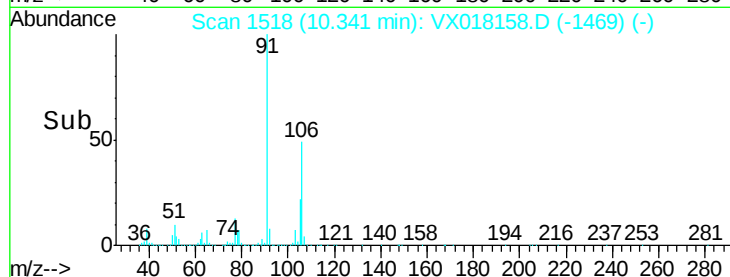
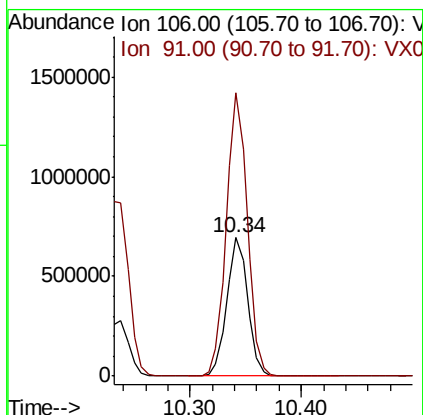
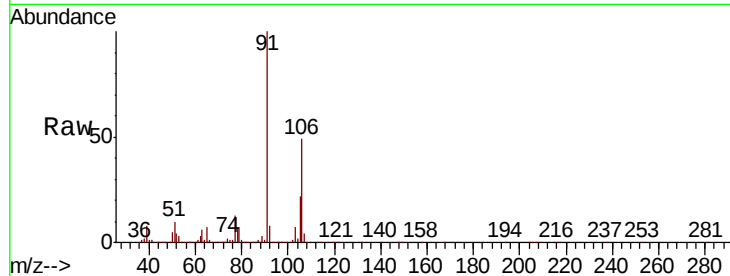




#68
m/p-Xylenes
Concen: 106.195 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

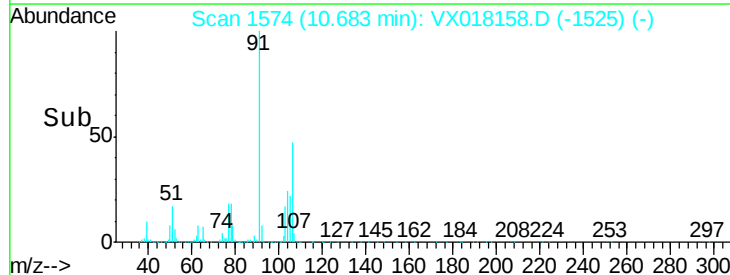
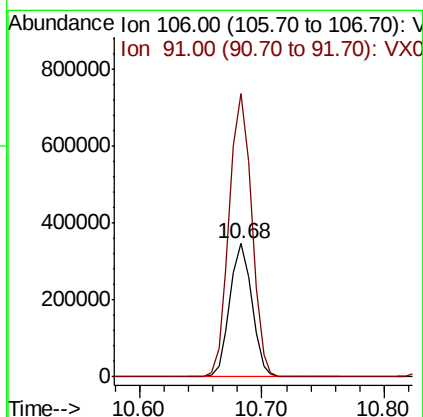
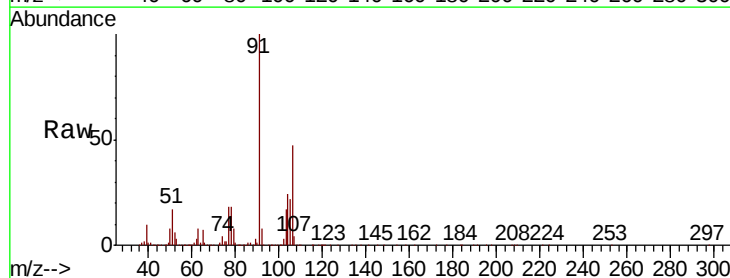
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

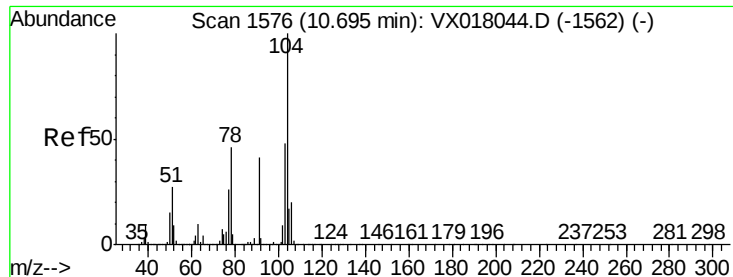
Tot Ion:106 Resp: 903514
Ion Ratio Lower Upper
106 100
91 205.3 162.2 243.2



#69
o-Xylene
Concen: 52.697 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion:106 Resp: 434623
Ion Ratio Lower Upper
106 100
91 216.1 107.1 321.3





#70

Stvrene

Concen: 53.194 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

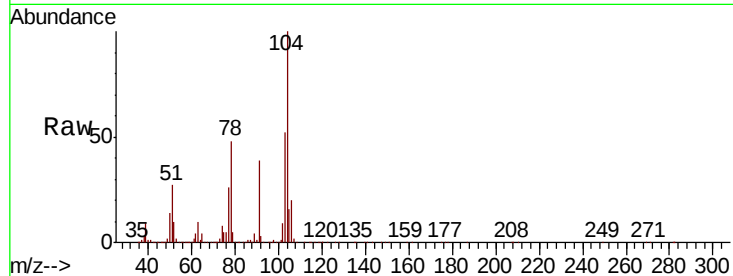
Tot Ion:104 Resp: 747136

Ion Ratio Lower Upper

104 100

78 52.9 40.9 61.3

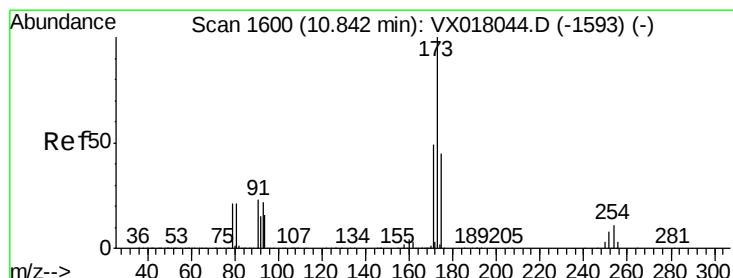
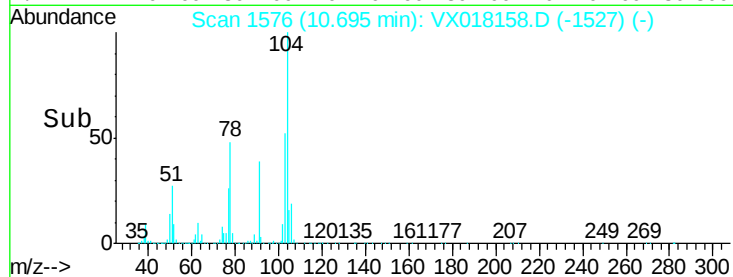
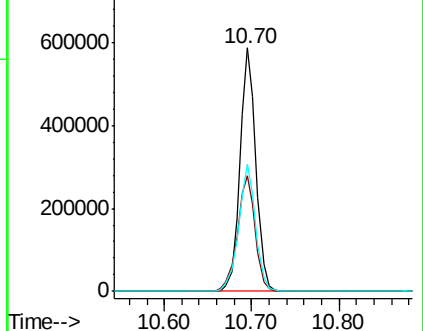
103 55.6 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 53.811 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

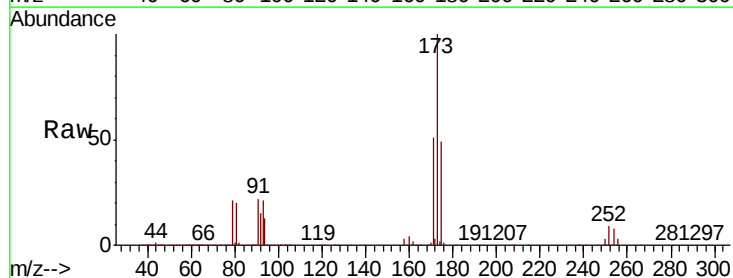
Tgt Ion:173 Resp: 242478

Ion Ratio Lower Upper

173 100

175 49.8 23.9 71.8

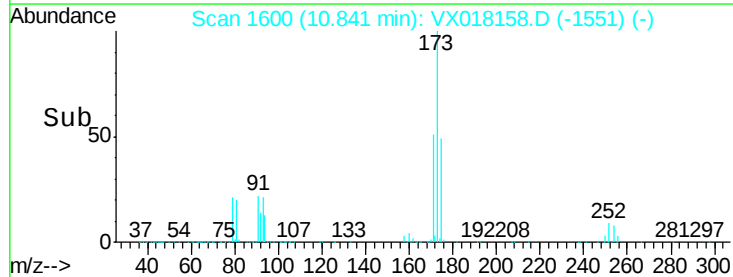
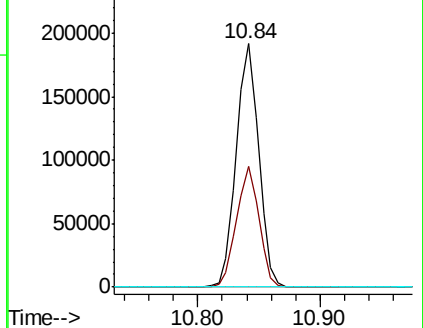
254 0.1 0.2 0.2#

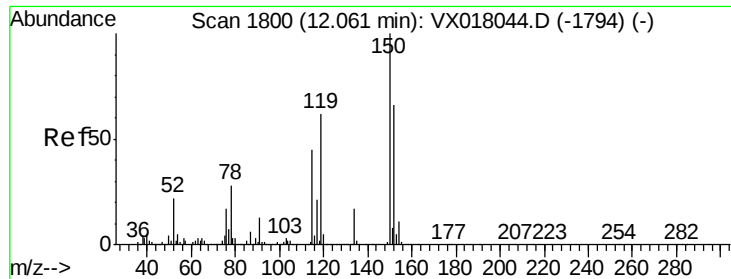


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

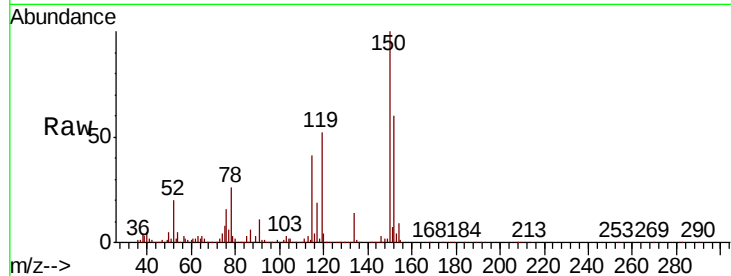
Tot Ion:152 Resp: 360702

Ion Ratio Lower Upper

152 100

115 83.6 41.5 124.5

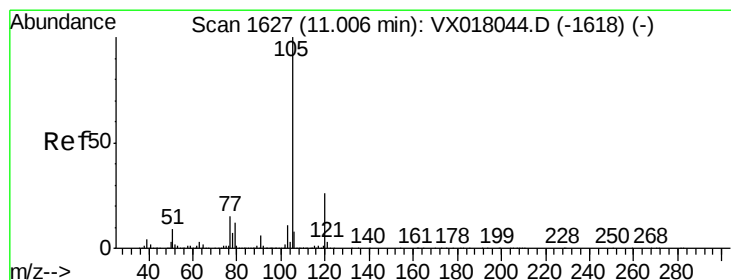
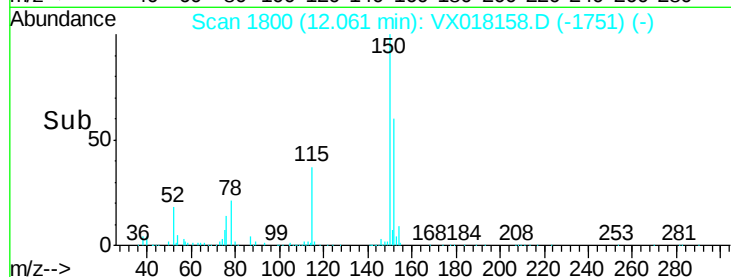
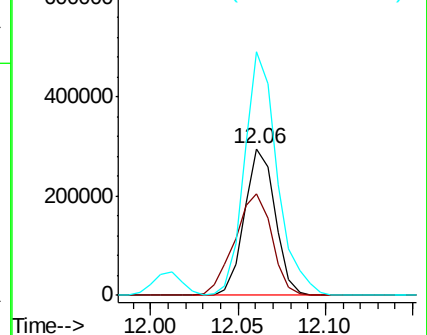
150 177.0 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.471 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018158.D

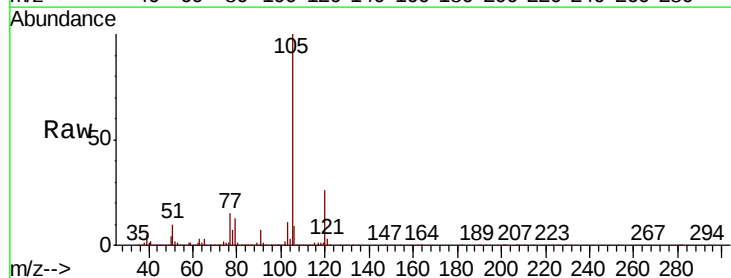
Acq: 31 Aug 2020 19:19

Tgt Ion:105 Resp: 1177037

Ion Ratio Lower Upper

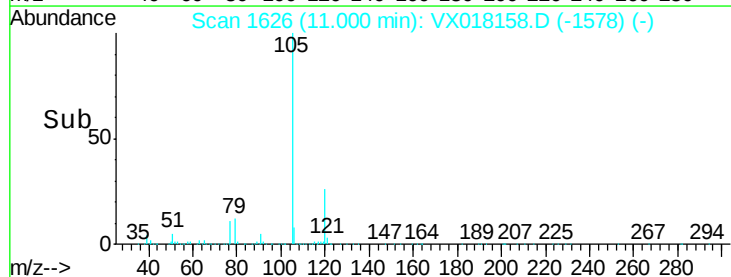
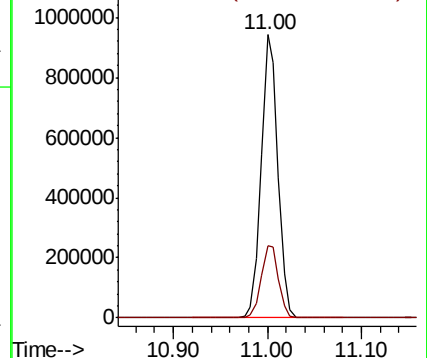
105 100

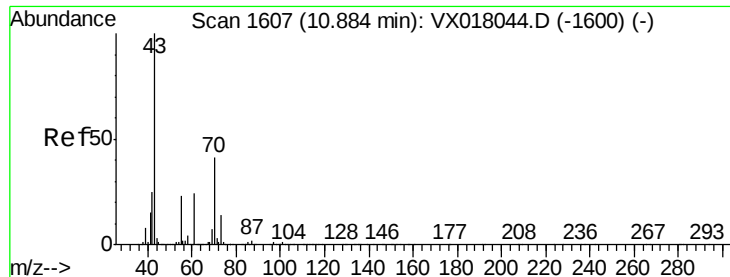
120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.960 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

Tot Ion: 43 Resp: 518829

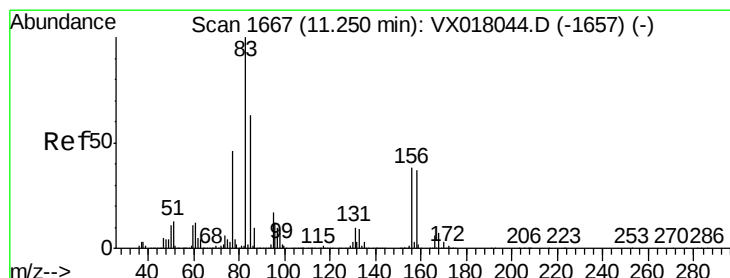
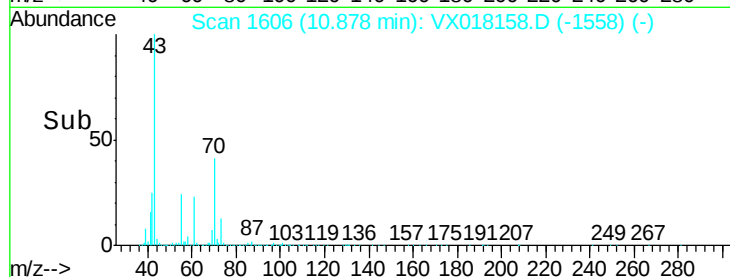
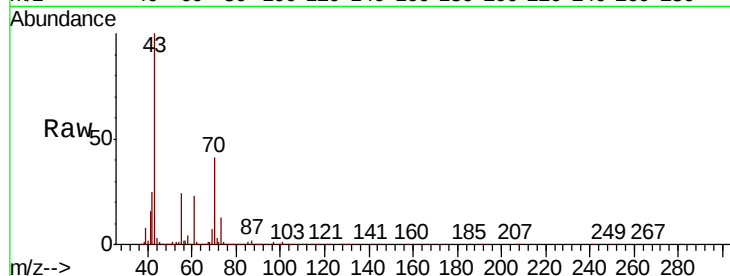
Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.3	48.5
55	24.1	18.2	27.2
61	23.6	18.9	28.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 45.384 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

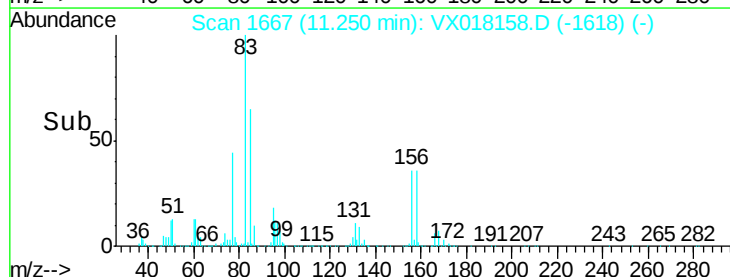
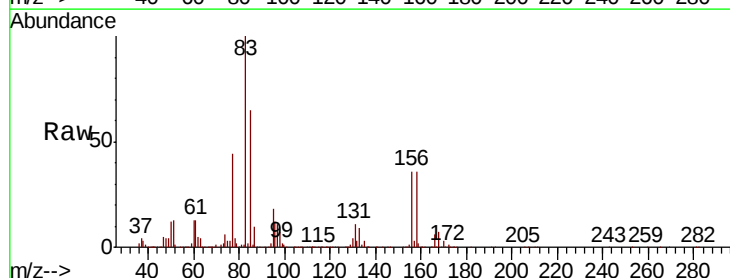
Tgt Ion: 83 Resp: 380915

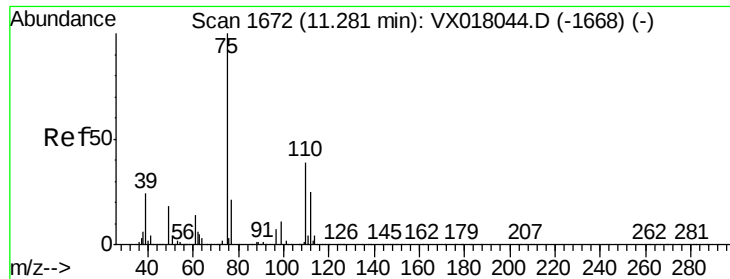
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.4
85	65.7	32.2	96.6

Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

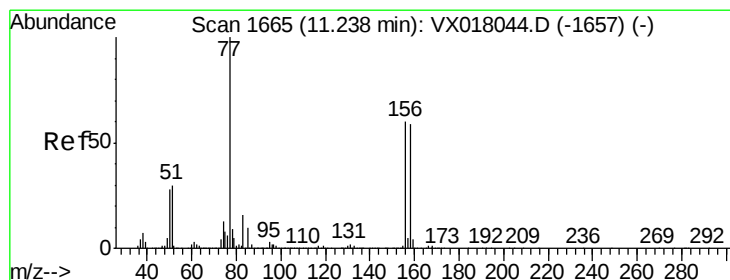
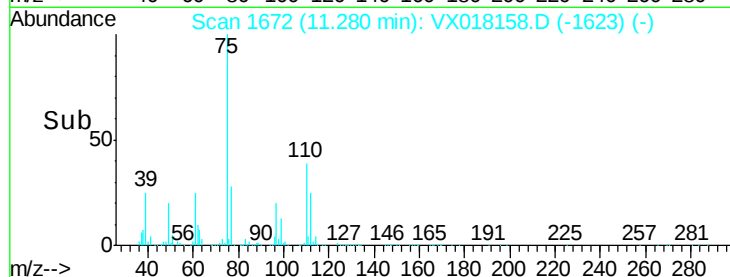
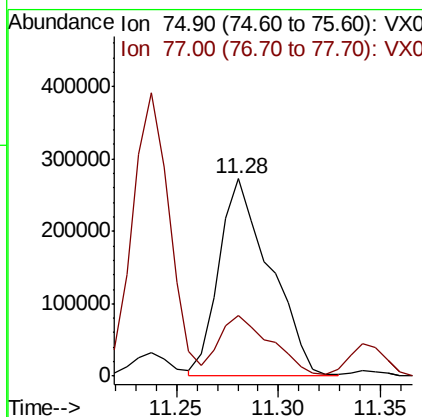
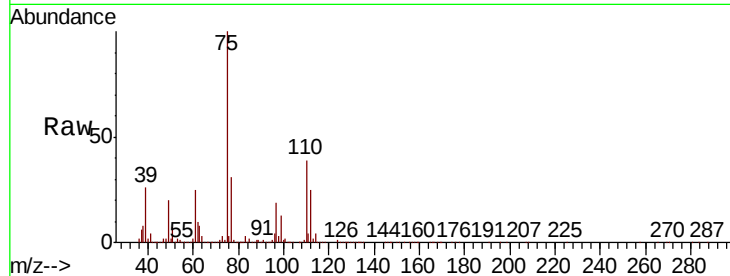




#76
 1,2,3-Trichloropropane
 Concen: 59.374 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

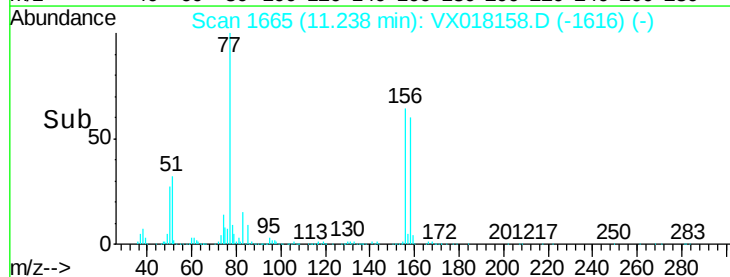
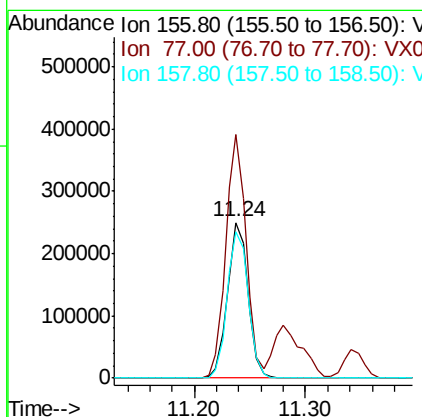
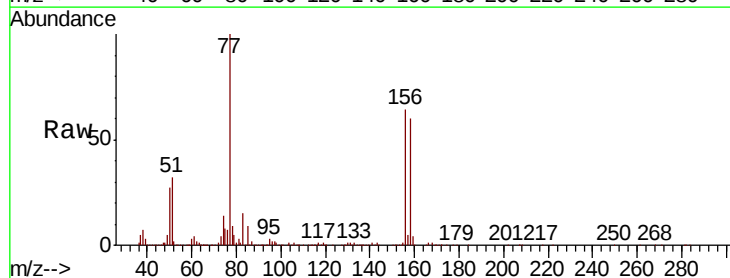
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

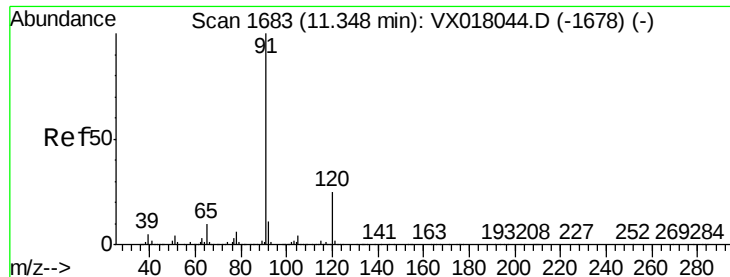
Tot Ion: 75 Resp: 476418
 Ion Ratio Lower Upper
 75 100
 77 31.1 20.8 62.2



#77
 Bromobenzene
 Concen: 48.268 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion: 156 Resp: 317445
 Ion Ratio Lower Upper
 156 100
 77 155.6 80.0 240.2
 158 96.9 49.5 148.7





#78

n-propylbenzene

Concen: 50.180 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

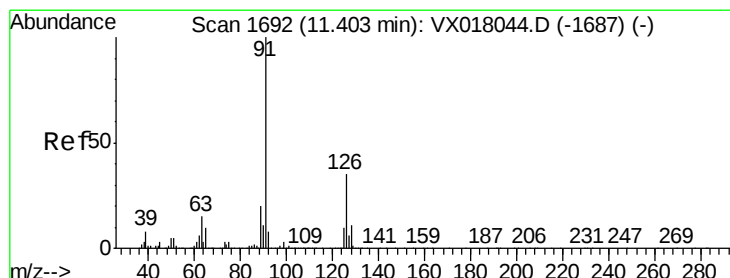
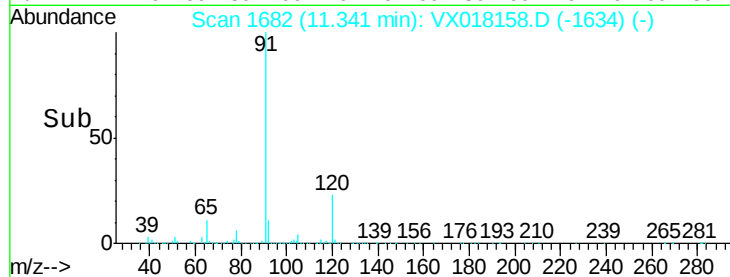
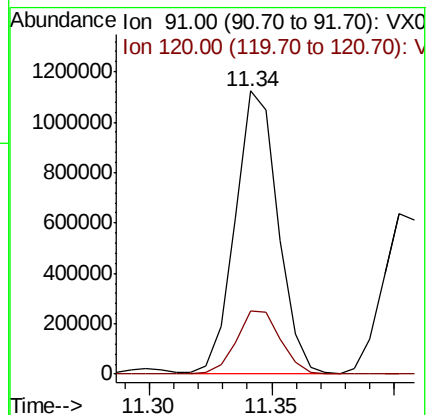
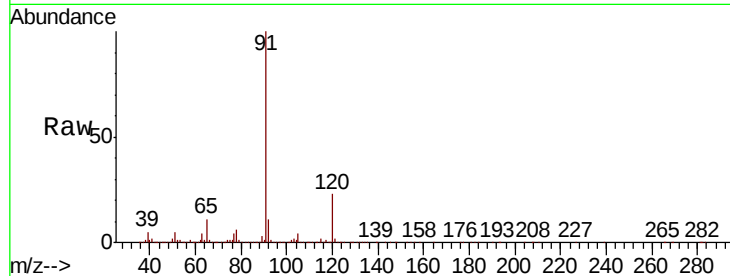
GR-OF-20200827MS

Tot Ion: 91 Resp: 1355610

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9



#79

2-Chlorotoluene

Concen: 49.503 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018158.D

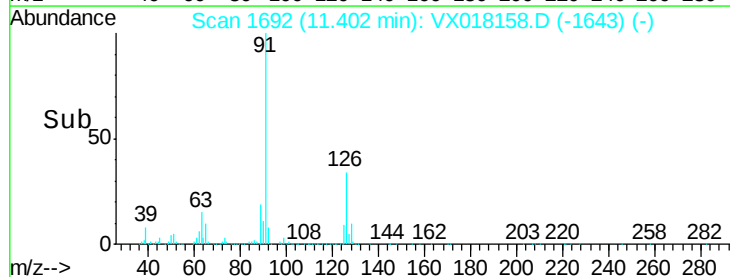
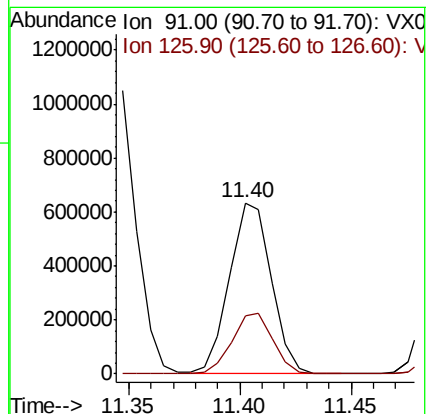
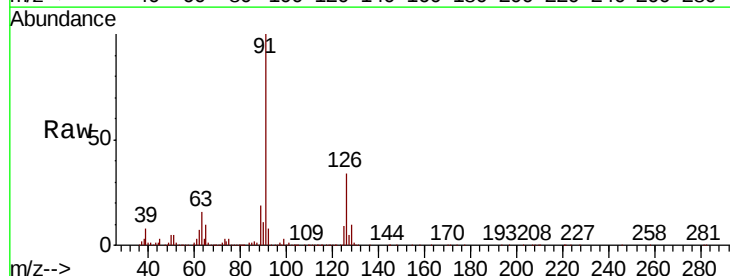
Acq: 31 Aug 2020 19:19

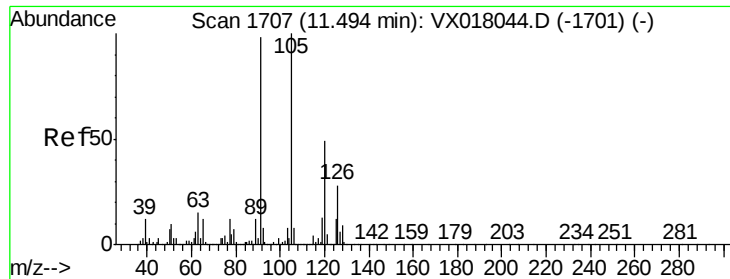
Tgt Ion: 91 Resp: 826234

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2





#80

1,3,5-Trimethylbenzene

Concen: 52.330 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

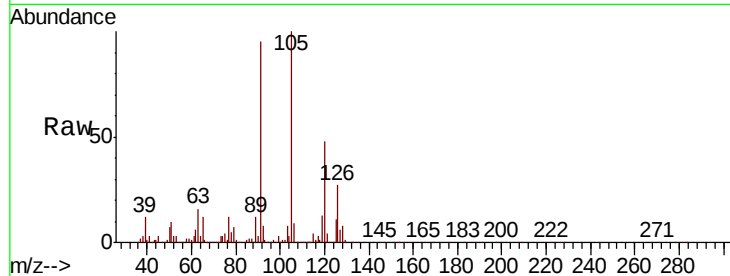
GR-OF-20200827MS

Tot Ion:105 Resp: 1023130

Ion Ratio Lower Upper

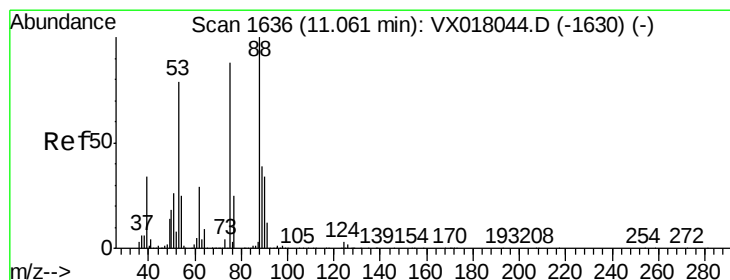
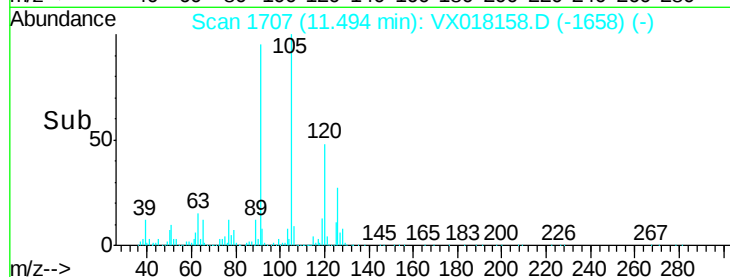
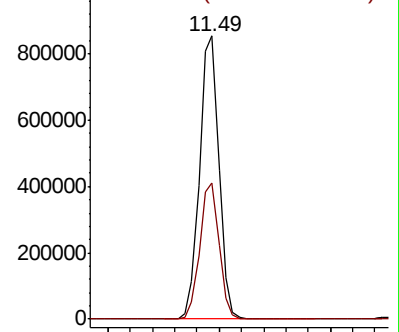
105 100

120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 44.924 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

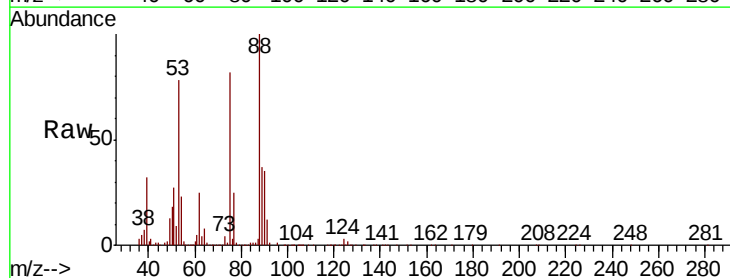
Tgt Ion: 75 Resp: 133467

Ion Ratio Lower Upper

75 100

53 97.6 74.7 112.1

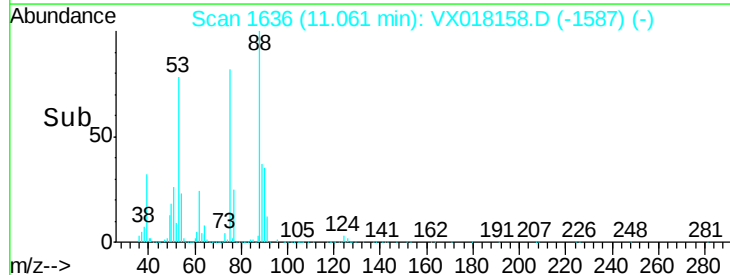
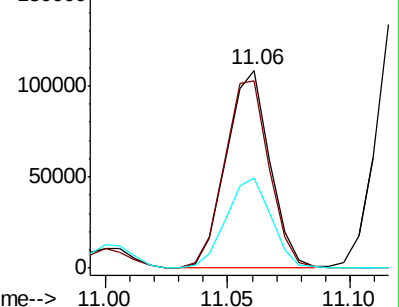
89 47.5 36.6 54.8

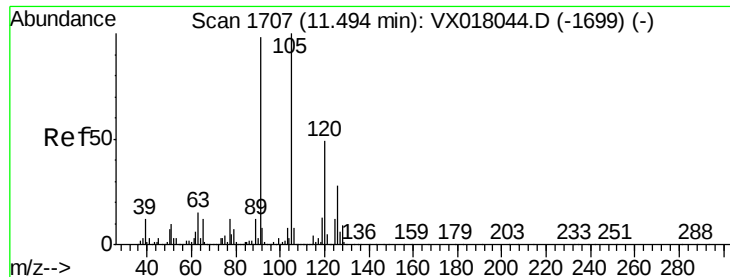


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

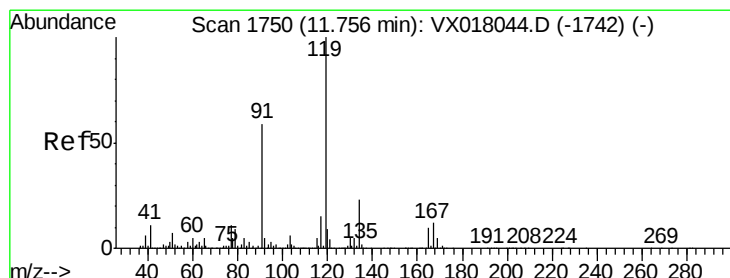
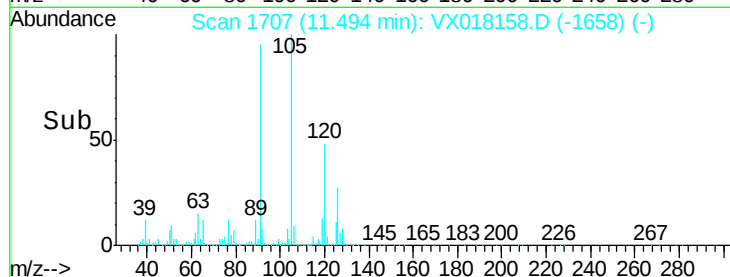
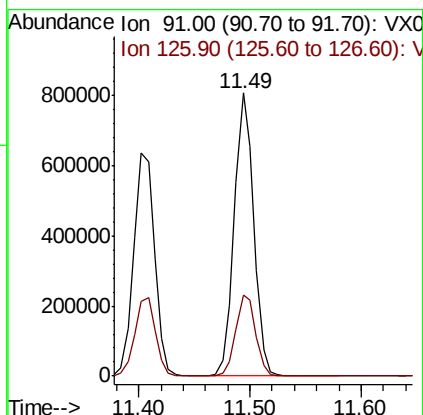
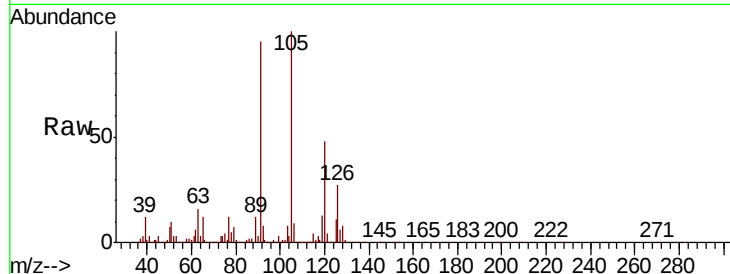




#82
4-Chlorotoluene
Concen: 49.176 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

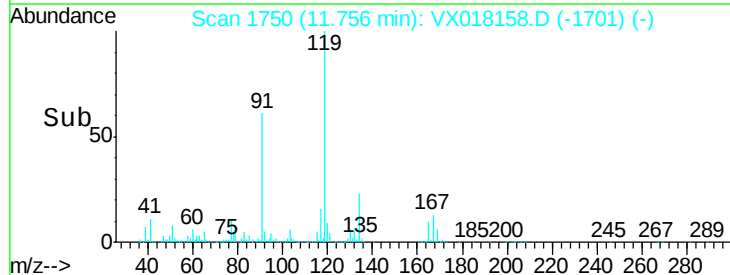
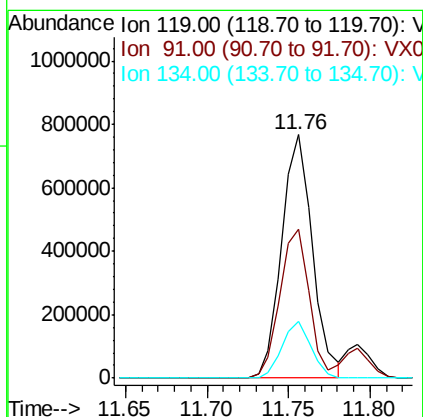
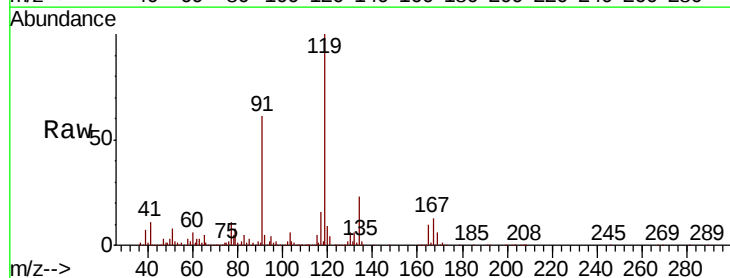
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

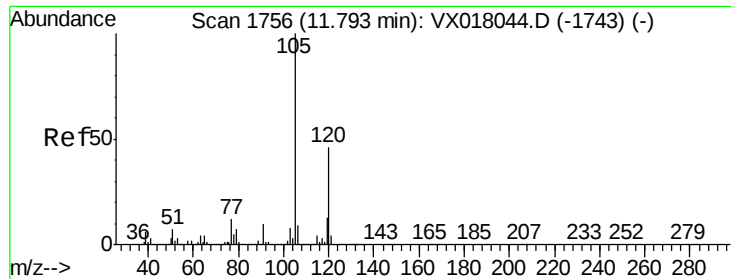
Tot Ion: 91 Resp: 975728
Ion Ratio Lower Upper
91 100
126 29.4 15.1 45.3



#83
tert-Butylbenzene
Concen: 51.900 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion: 119 Resp: 1001396
Ion Ratio Lower Upper
119 100
91 58.3 28.2 84.7
134 22.0 11.3 33.8

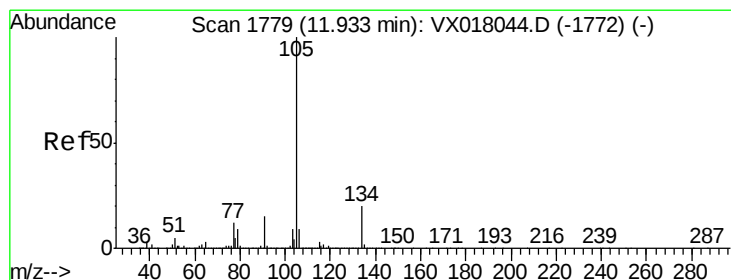
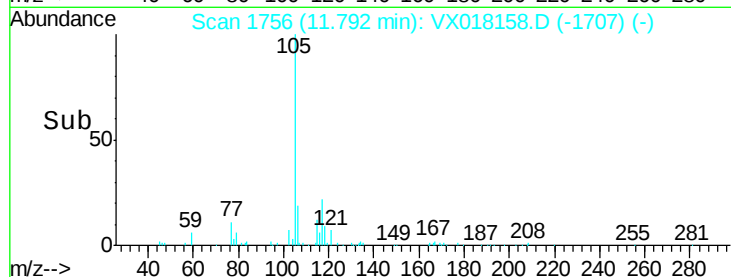
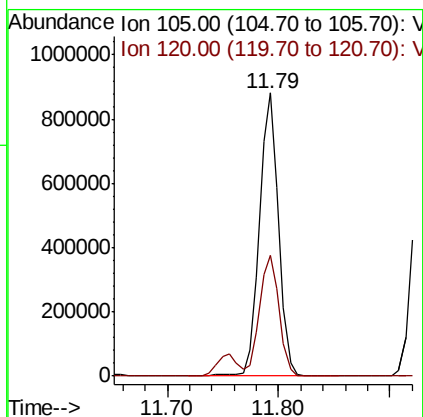
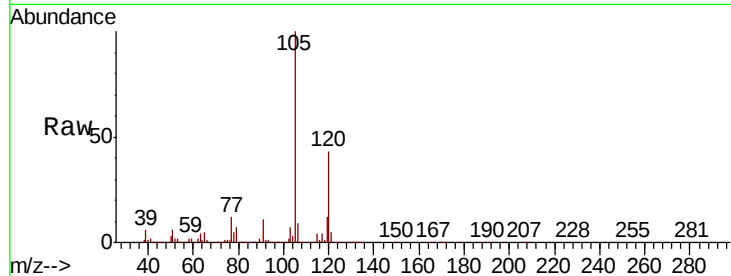




#84
 1,2,4-Trimethylbenzene
 Concen: 52.739 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

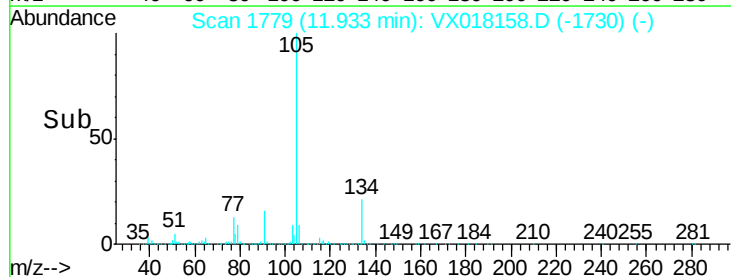
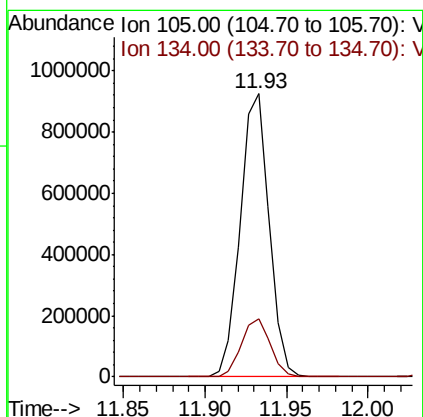
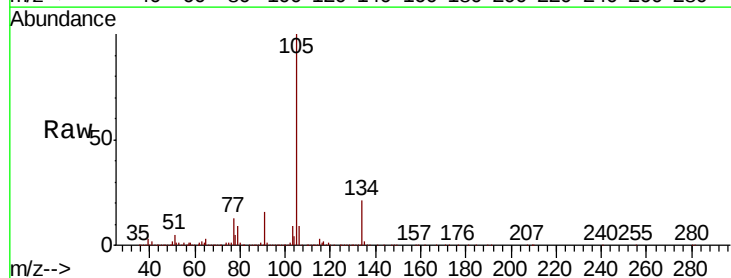
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

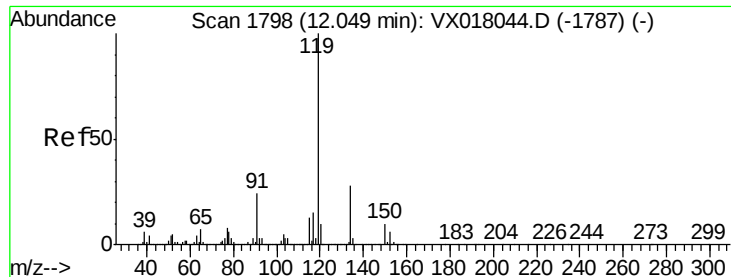
Tot Ion:105 Resp: 1054199
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 52.068 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Tgt Ion:105 Resp: 1142476
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3

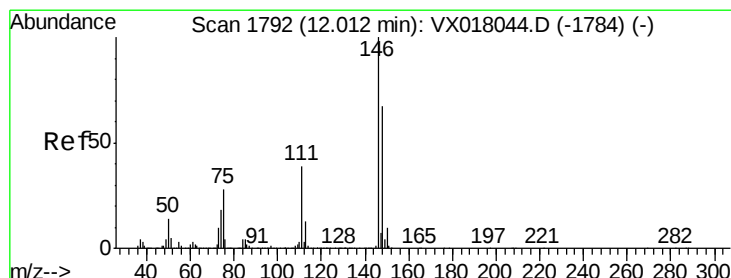
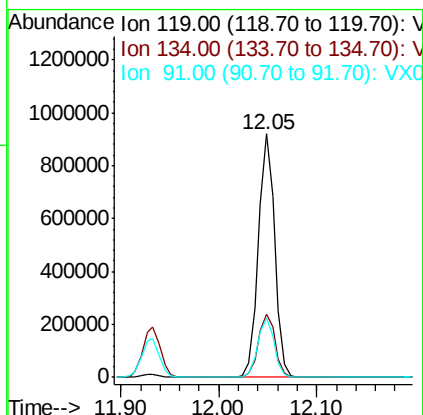
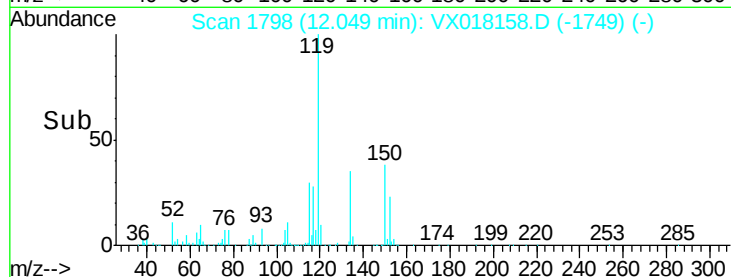
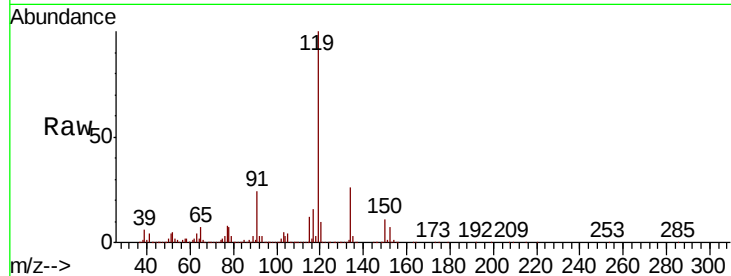




#86
p-Isopropyltoluene
Concen: 52.735 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

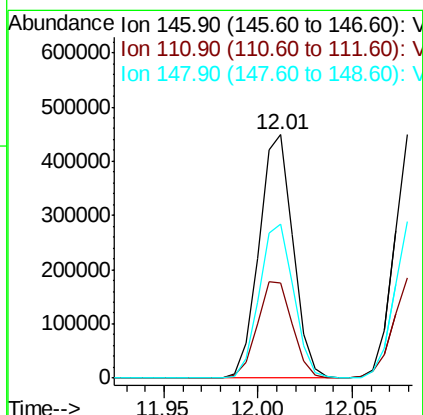
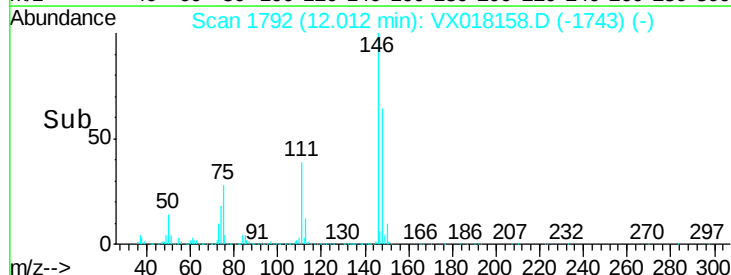
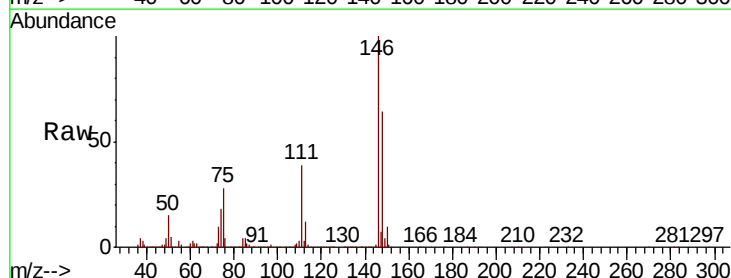
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

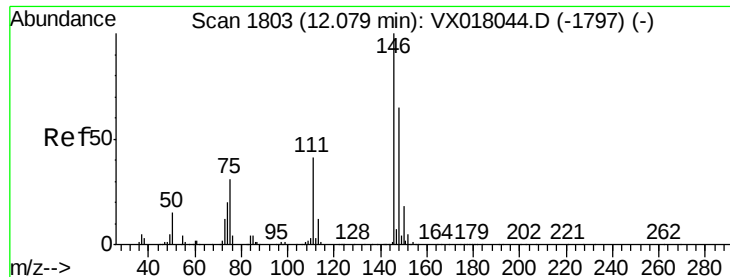
Tot Ion:119 Resp: 1062868
Ion Ratio Lower Upper
119 100
134 26.7 13.2 39.5
91 24.3 11.8 35.4



#87
1,3-Dichlorobenzene
Concen: 48.549 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion:146 Resp: 560585
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 64.2 33.1 99.2

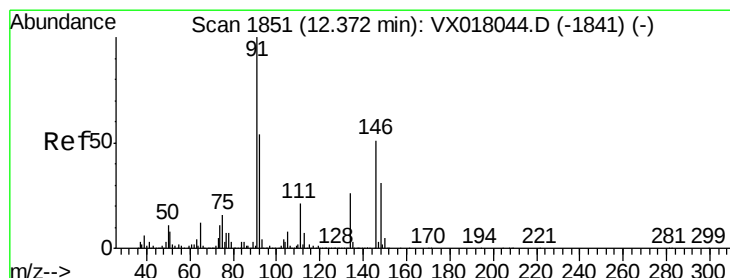
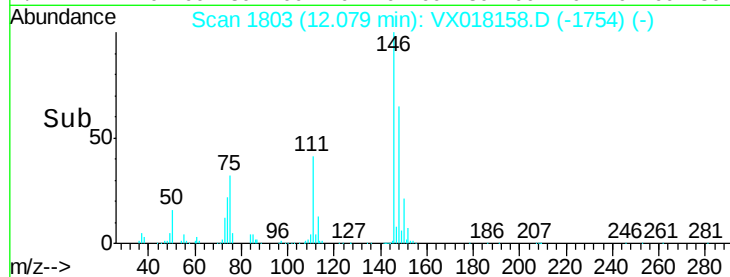
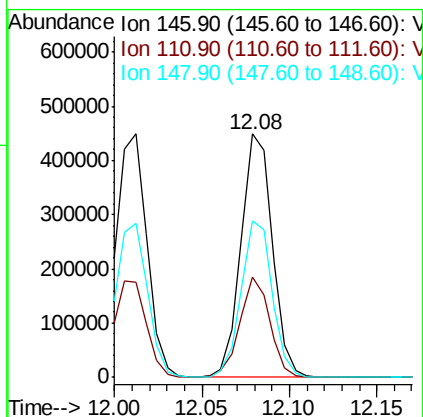
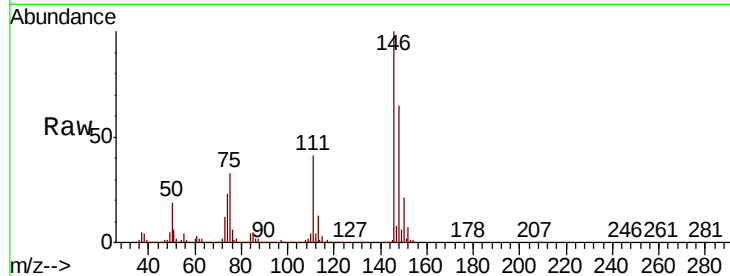




#88
1,4-Dichlorobenzene
Concen: 48.280 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

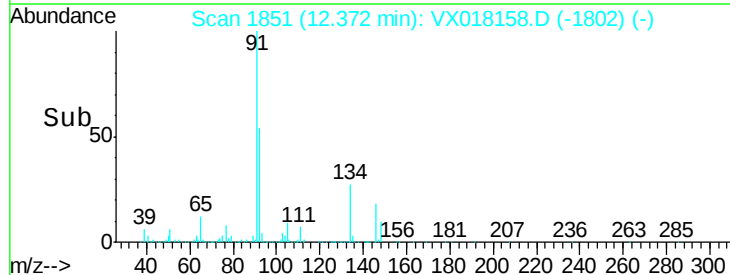
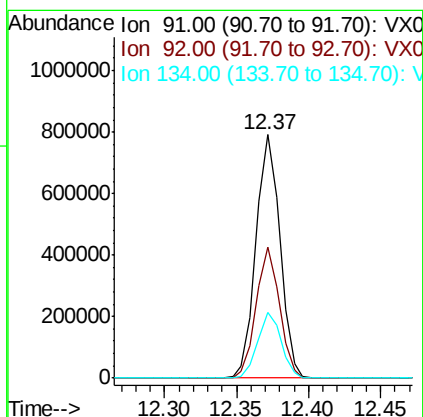
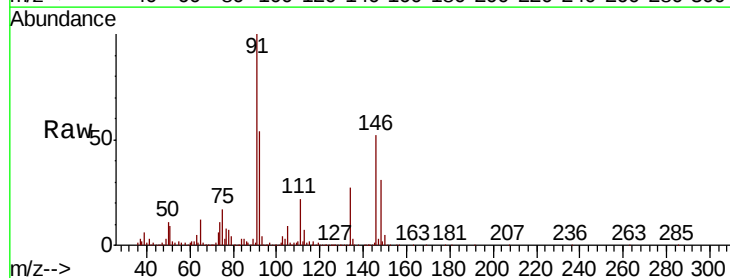
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MS

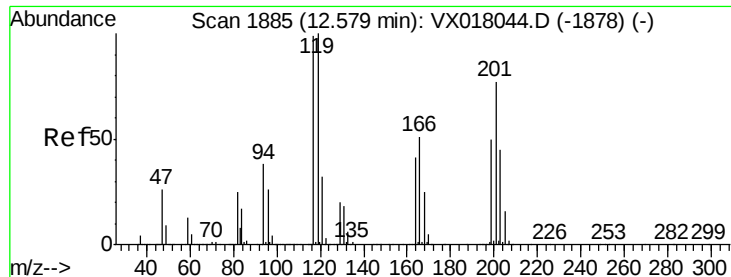
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	64.0	33.1	99.2



#89
n-Butylbenzene
Concen: 49.262 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018158.D
Acq: 31 Aug 2020 19:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	26.4	12.9	38.7





#90

Hexachloroethane

Concen: 54.123 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

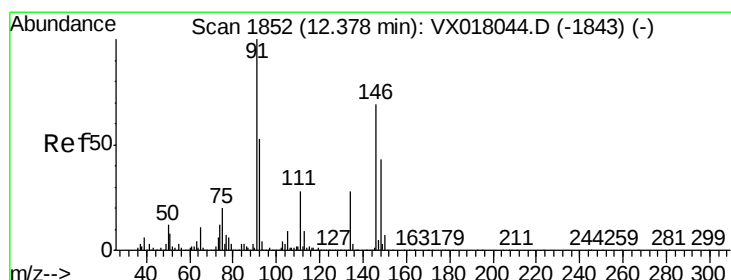
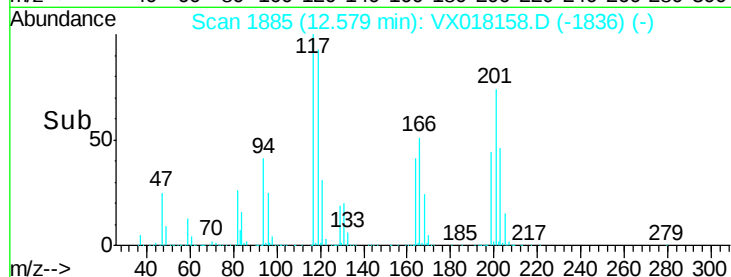
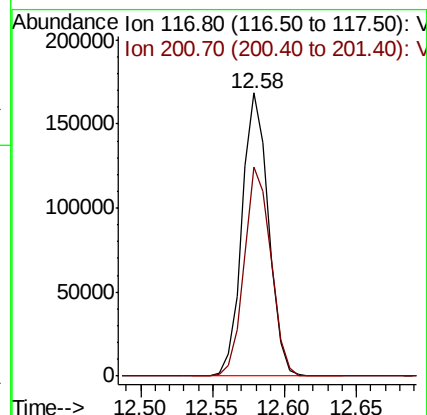
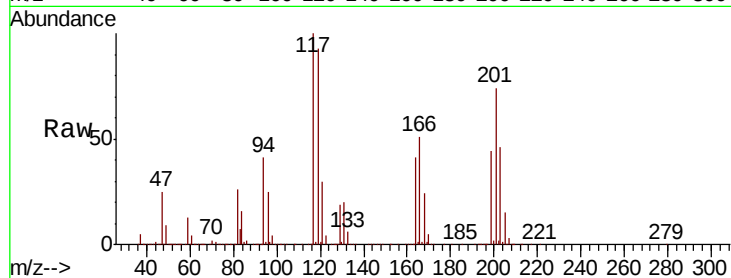
GR-OF-20200827MS

Tot Ion:117 Resp: 214620

Ion Ratio Lower Upper

117 100

201 74.3 38.5 115.3



#91

1,2-Dichlorobenzene

Concen: 49.901 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

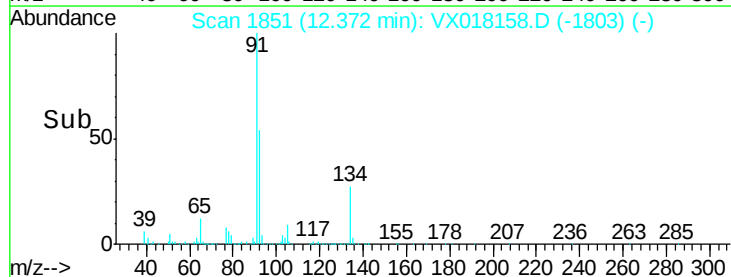
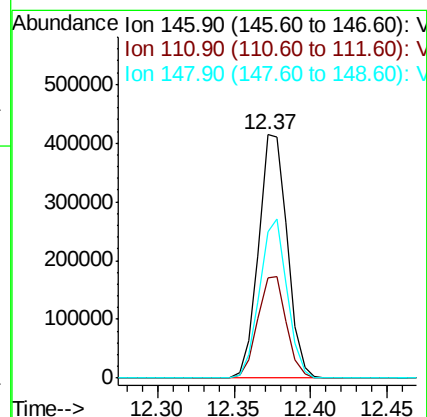
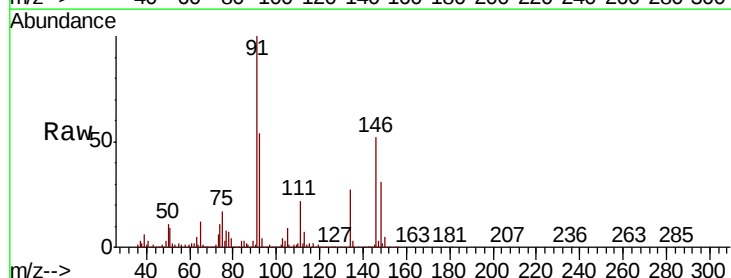
Tgt Ion:146 Resp: 542381

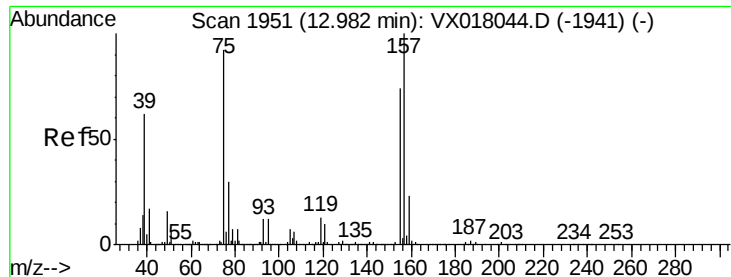
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

148 62.9 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.500 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

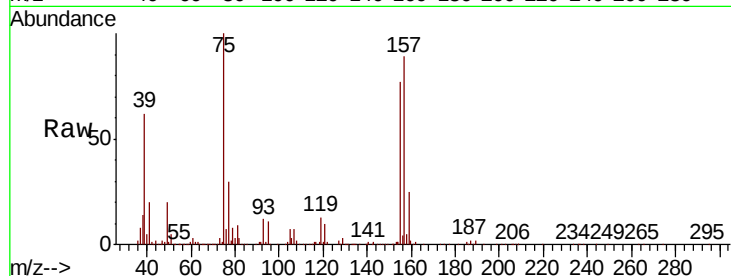
Tot Ion: 75 Resp: 99683

Ion Ratio Lower Upper

75 100

155 82.5 40.2 120.6

157 99.0 55.0 165.2



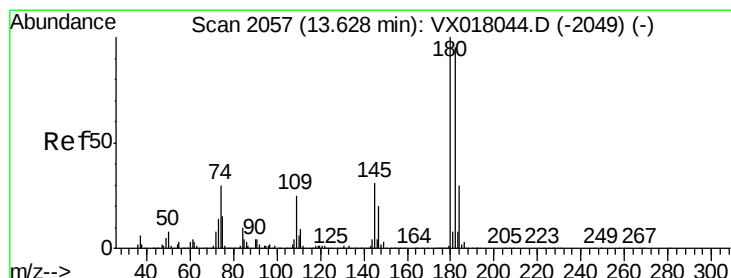
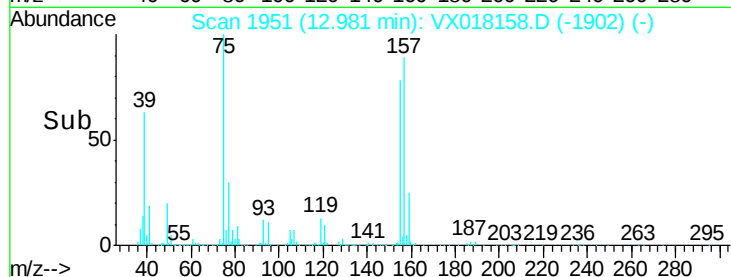
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

12.98

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 48.387 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

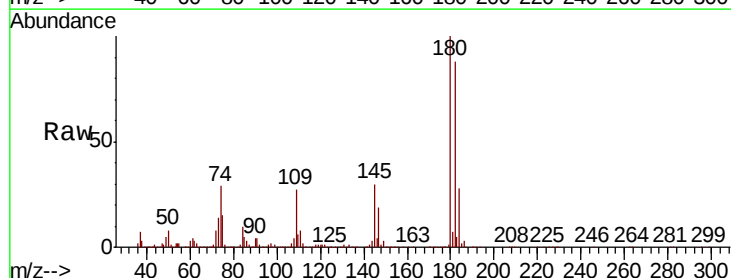
Tgt Ion: 180 Resp: 350705

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.6

145 31.1 15.7 47.1



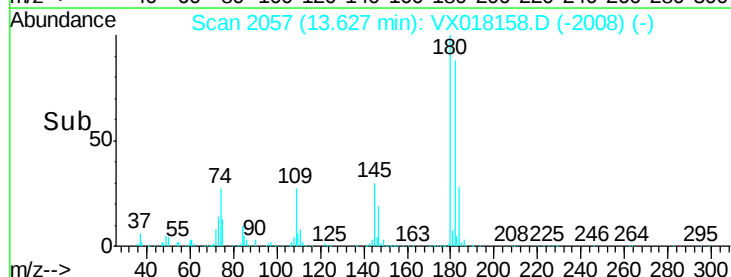
Abundance Ion 179.80 (179.50 to 180.50): V

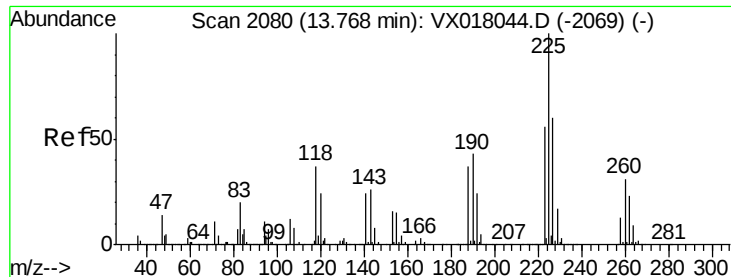
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

13.63

Time-->





#94

Hexachlorobutadiene

Concen: 44.259 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MS

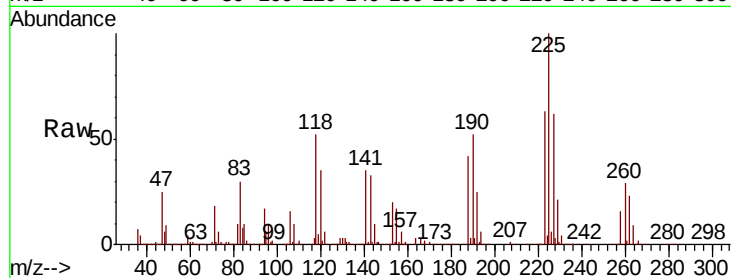
Tot Ion:225 Resp: 126527

Ion Ratio Lower Upper

225 100

223 71.4 30.7 92.1

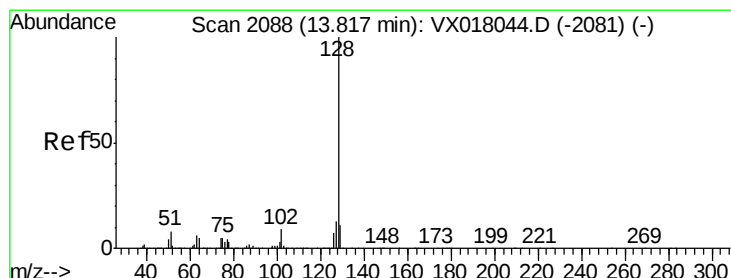
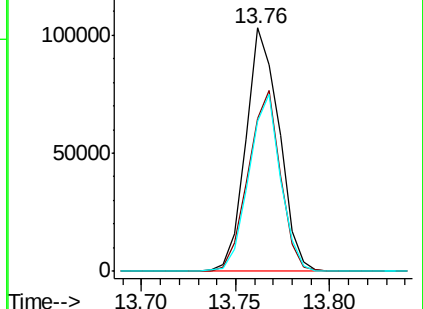
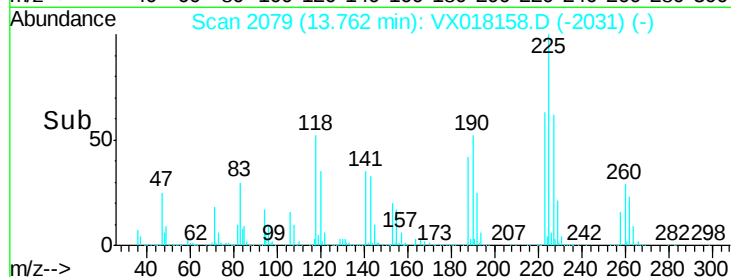
227 69.0 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.072 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018158.D

Acq: 31 Aug 2020 19:19

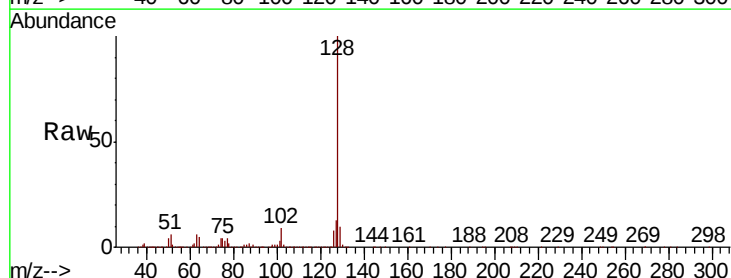
Tgt Ion:128 Resp: 1170516

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

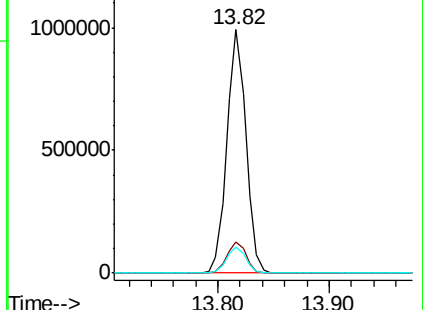
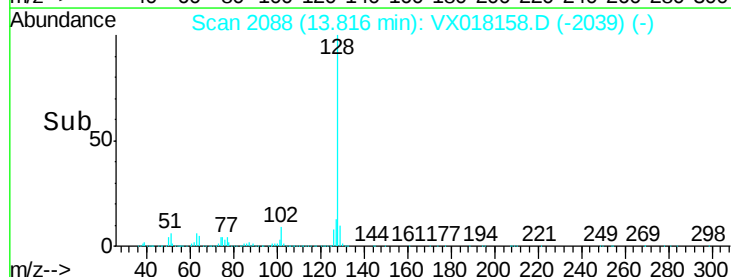
129 10.8 8.7 13.1

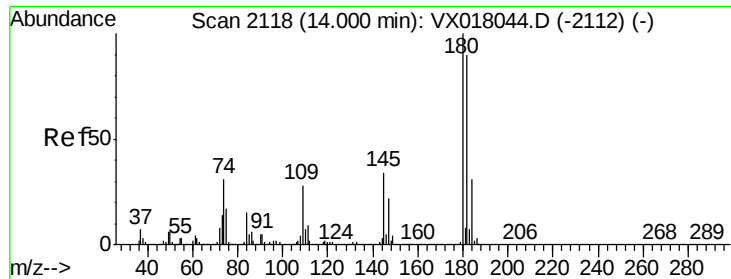


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.337 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018158.D
 Acq: 31 Aug 2020 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	142.0
145	34.1	17.5	52.6

