

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021070.D
 Acq On : 08 Mar 2021 18:35
 Operator : JC/MD
 Sample : M1596-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20210305

Quant Time: Mar 09 01:08:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

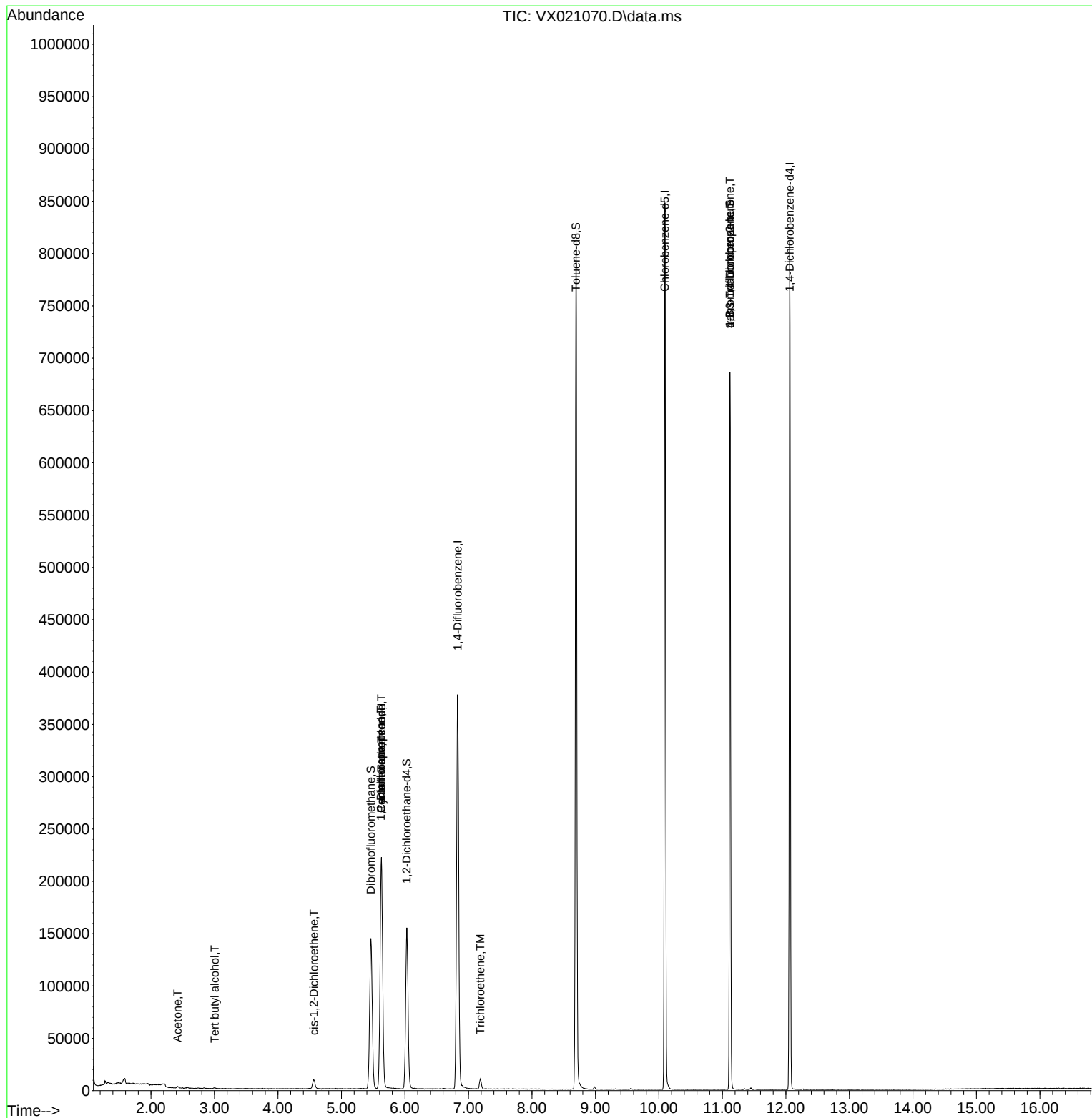
Internal Standards						
1) Pentafluorobenzene	5.629	168	219900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	401300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	394179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	169090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	145245	48.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.80%		
35) Dibromofluoromethane	5.464	113	126388	51.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.68%		
50) Toluene-d8	8.694	98	501226	52.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.44%		
62) 4-Bromofluorobenzene	11.118	95	190825	54.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.56%		
Target Compounds						
5) Bromomethane	1.640	94	216	Below Cal		100
11) Tert butyl alcohol	3.005	59	662	1.00 ug/l #		73
16) Acetone	2.417	43	1647	1.35 ug/l		97
27) cis-1,2-Dichloroethene	4.564	96	6008	1.89 ug/l		91
31) Cyclohexane	5.629	56	4049	0.94 ug/l #		1
36) 1,1-Dichloropropene	5.623	75	16206	4.25 ug/l #		48
38) Carbon Tetrachloride	5.629	117	20574	5.57 ug/l #		16
44) Trichloroethene	7.188	130	3606	1.20 ug/l		89
76) 1,2,3-Trichloropropane	11.118	75	89599	24.63 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	89599	54.53 ug/l #		12

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

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Response via : Initial Calibration

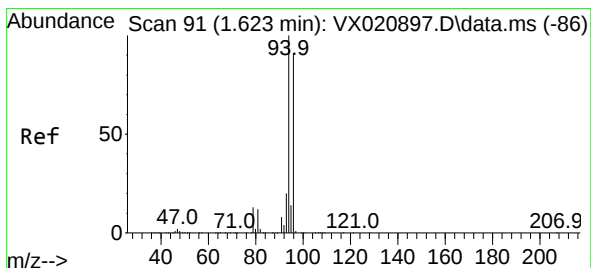
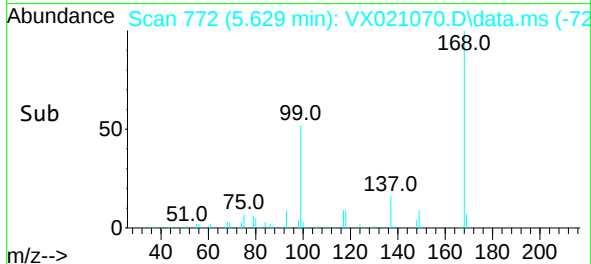
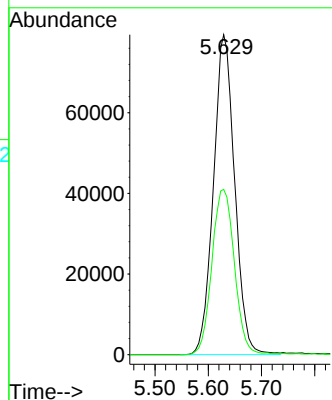
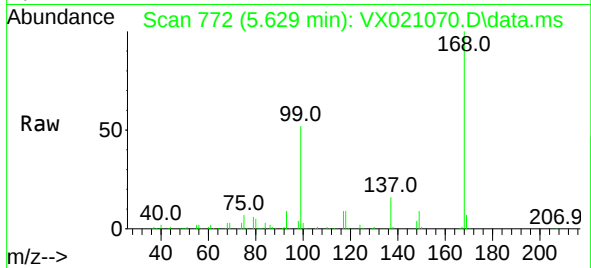




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

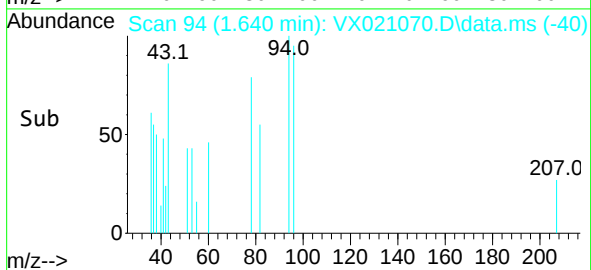
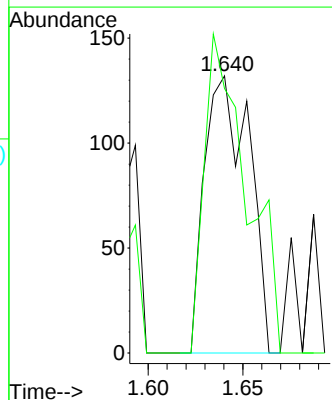
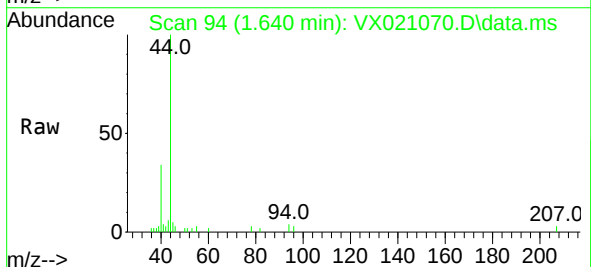
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210305

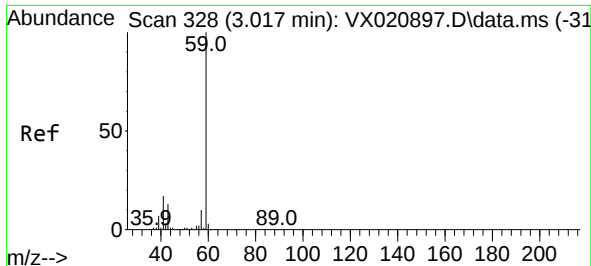
Tgt Ion:168 Resp: 219900
Ion Ratio Lower Upper
168 100
99 51.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 95.5 76.4 114.6



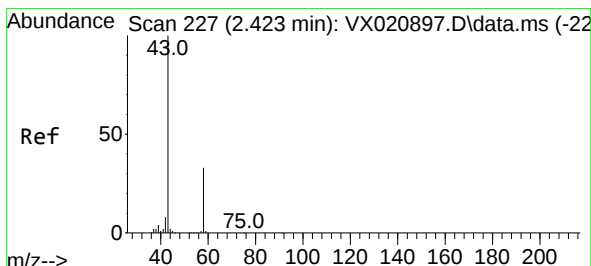
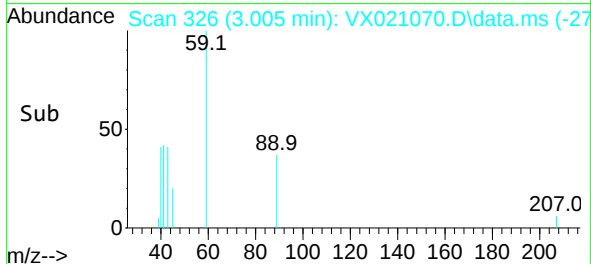
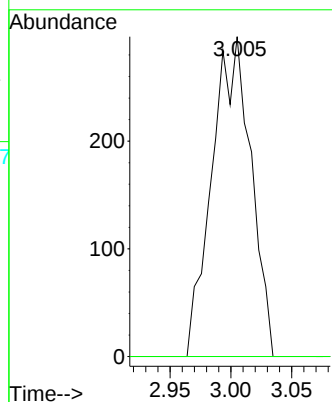
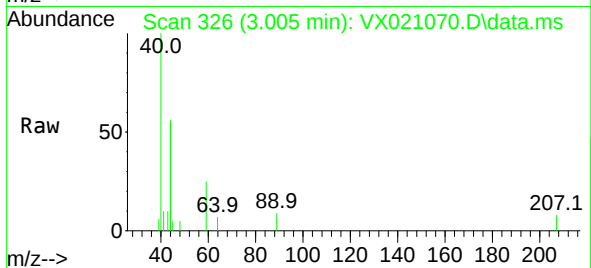


#11

Tert butyl alcohol
Concen: 1.00 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210305

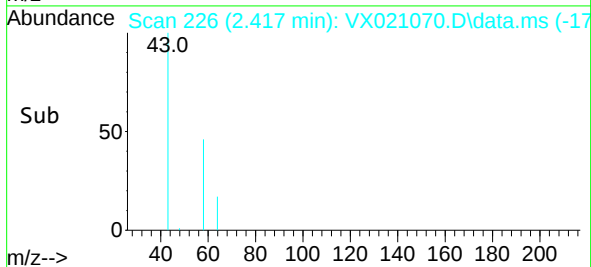
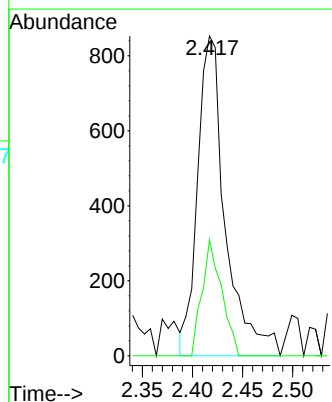
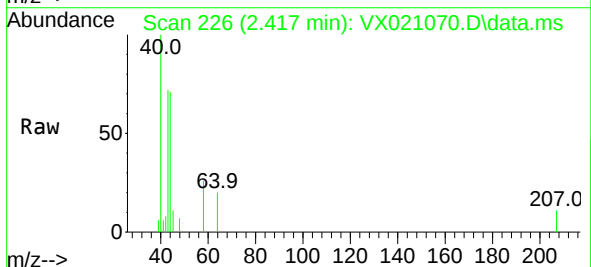
Tgt Ion: 59 Resp: 662
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

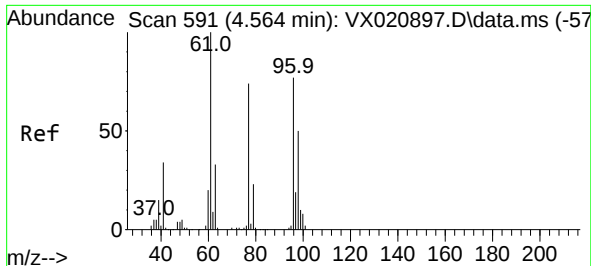


#16

Acetone
Concen: 1.35 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8





#27

cis-1,2-Dichloroethene

Concen: 1.89 ug/l

RT: 4.564 min Scan# 591

Delta R.T. 0.000 min

Lab File: VX021070.D

Acq: 08 Mar 2021 18:35

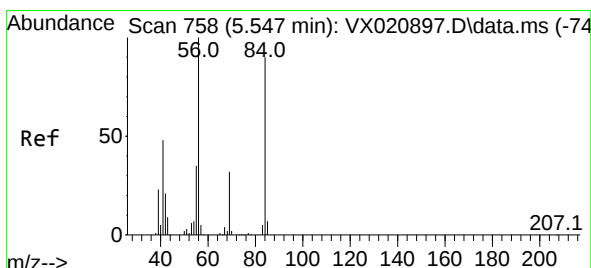
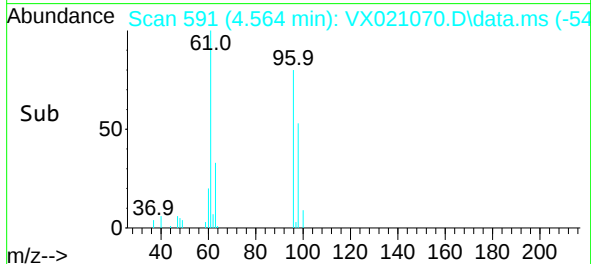
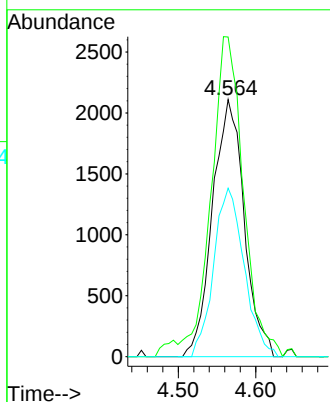
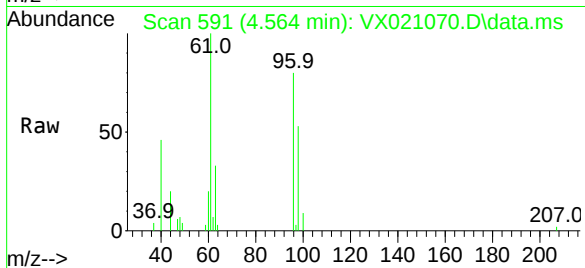
Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20210305

Tgt Ion:	96	Resp:	6008
Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	285.6
98	63.1	0.0	129.6



#31

Cyclohexane

Concen: 0.94 ug/l

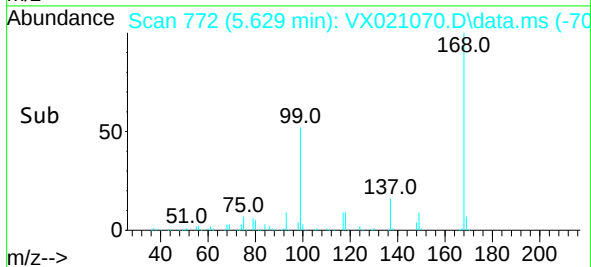
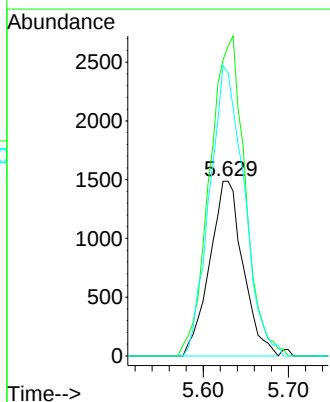
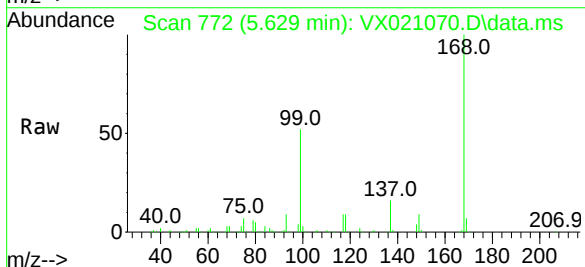
RT: 5.629 min Scan# 772

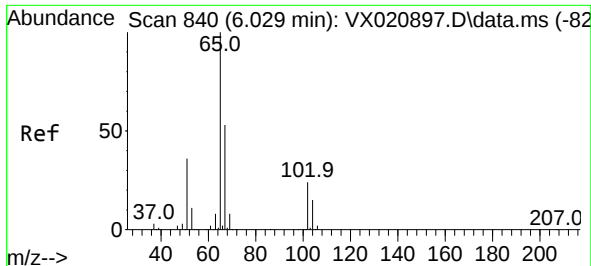
Delta R.T. 0.082 min

Lab File: VX021070.D

Acq: 08 Mar 2021 18:35

Tgt Ion:	56	Resp:	4049
Ion	Ratio	Lower	Upper
56	100		
69	177.4	25.3	37.9#
84	162.0	71.4	107.0#

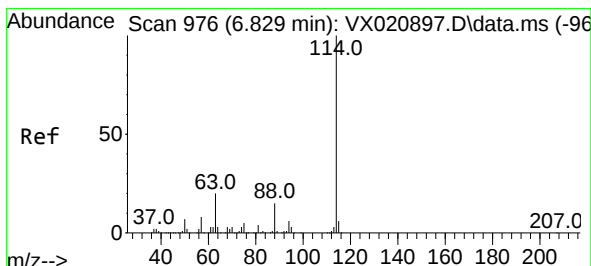
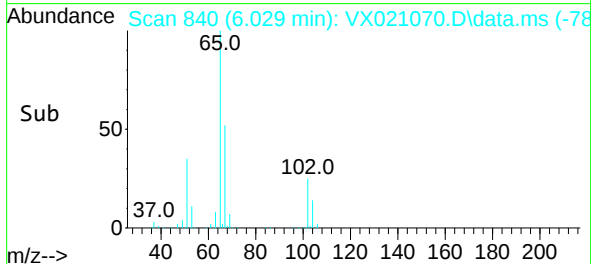
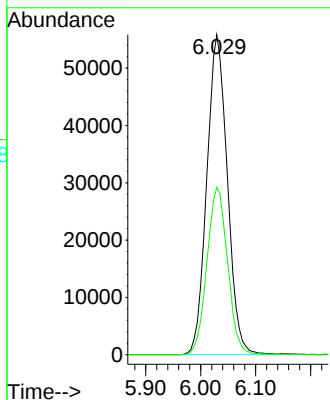
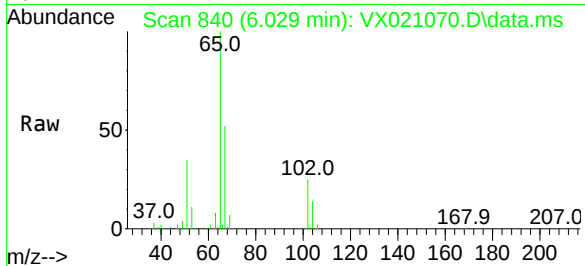




#33
 1,2-Dichloroethane-d4
 Concen: 48.90 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021070.D
 Acq: 08 Mar 2021 18:35

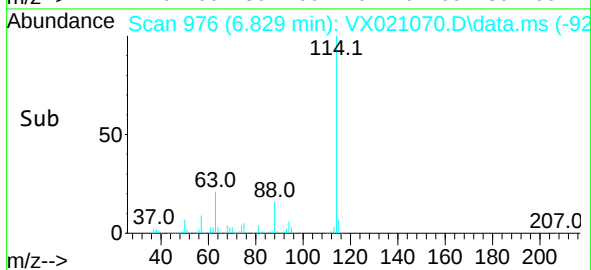
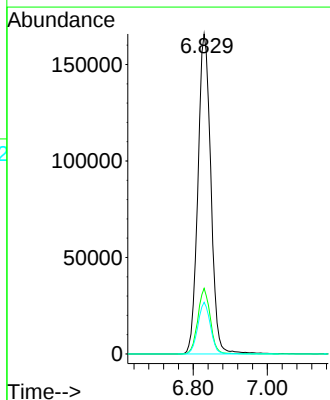
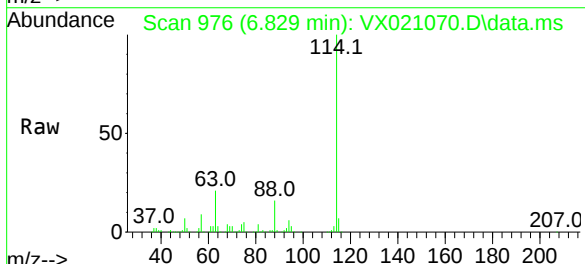
Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20210305

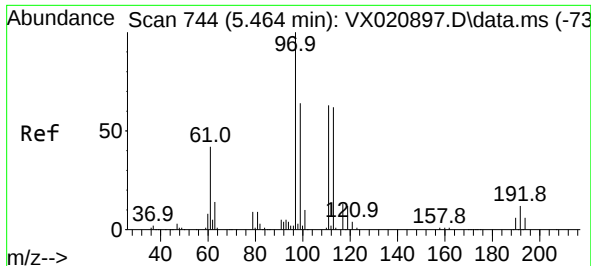
Tgt Ion: 65 Resp: 145245
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021070.D
 Acq: 08 Mar 2021 18:35

Tgt Ion: 114 Resp: 401300
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.1 0.0 32.8

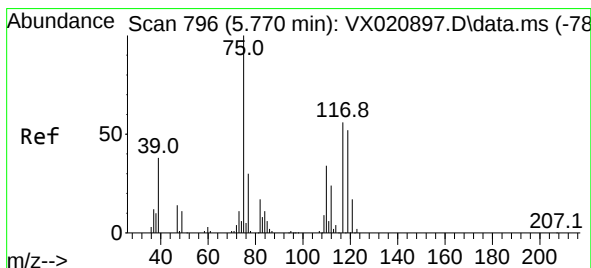
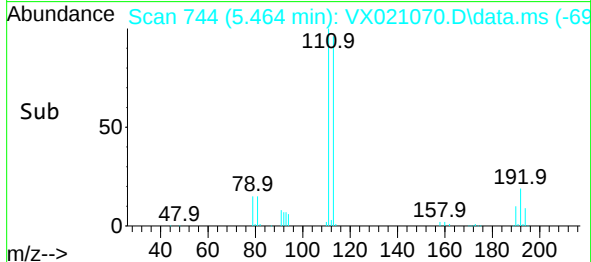
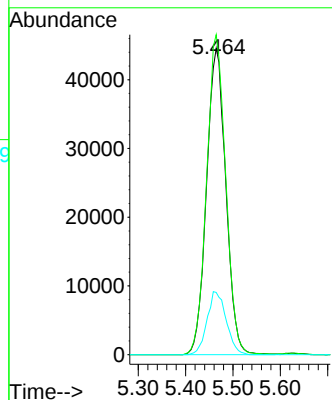
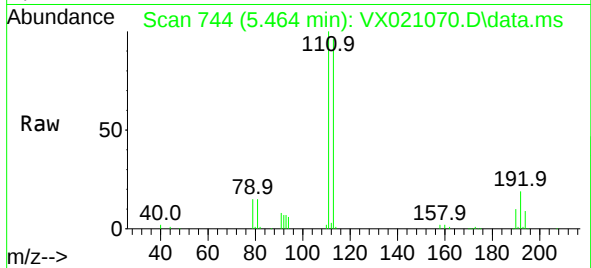




#35
Dibromofluoromethane
Concen: 51.84 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

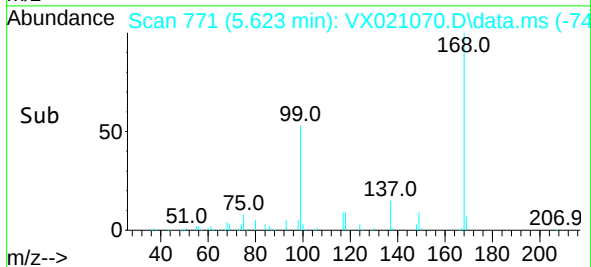
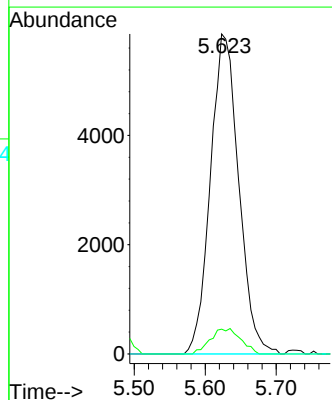
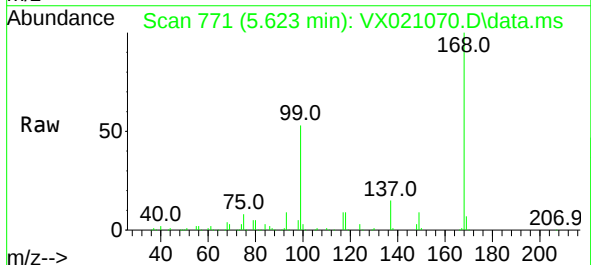
Instrument :
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ClientSampleId :
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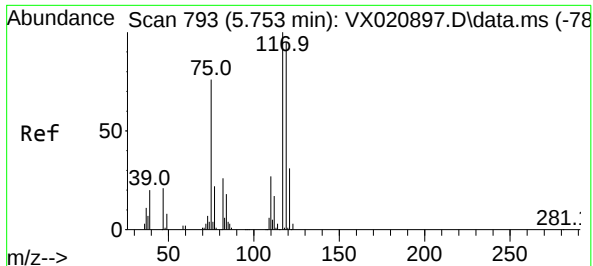
Tgt Ion:113 Resp: 126388
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Tgt Ion: 75 Resp: 16206
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#

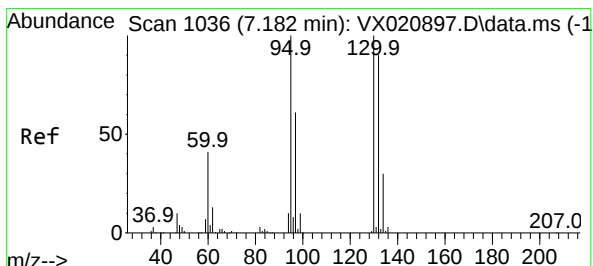
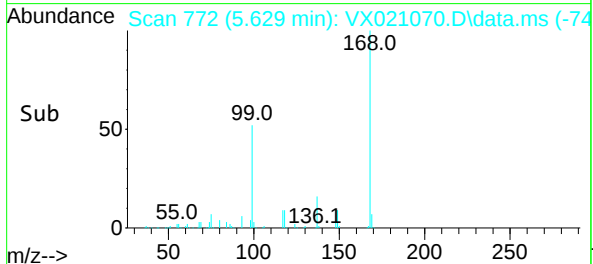
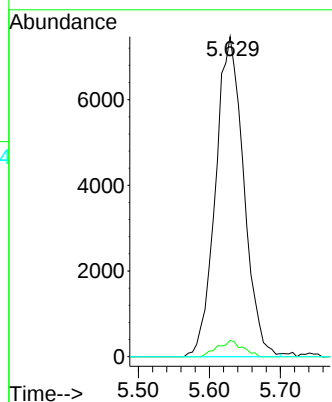
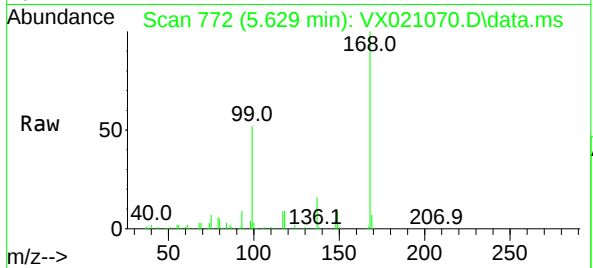




#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

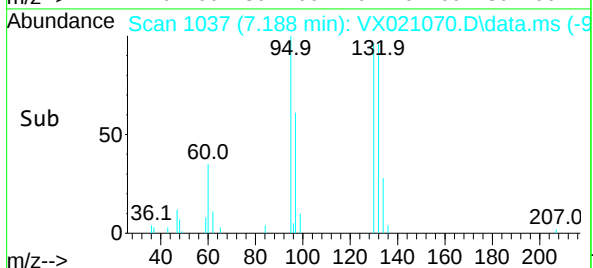
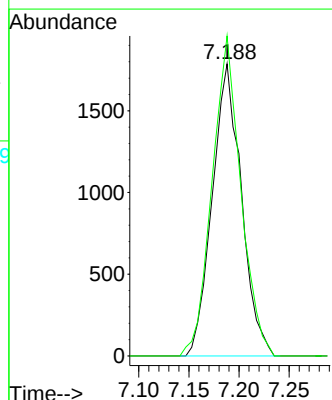
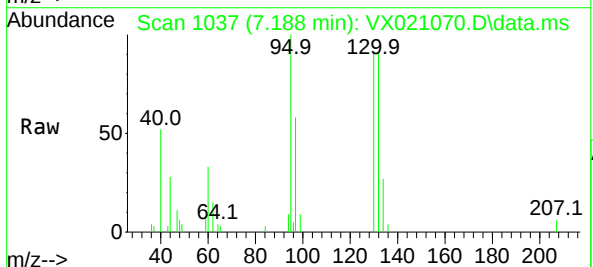
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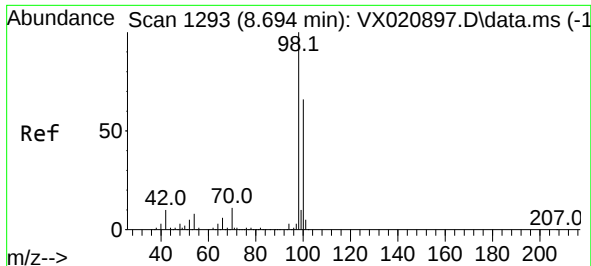
Tgt Ion:117 Resp: 20574
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 1.20 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Tgt Ion:130 Resp: 3606
Ion Ratio Lower Upper
130 100
95 109.5 0.0 198.0

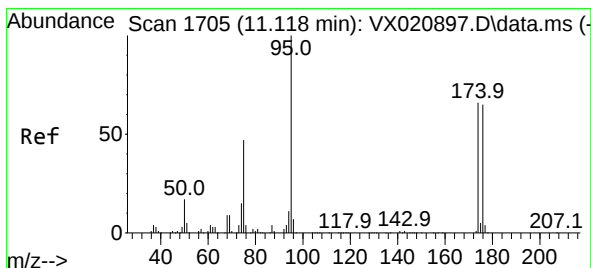
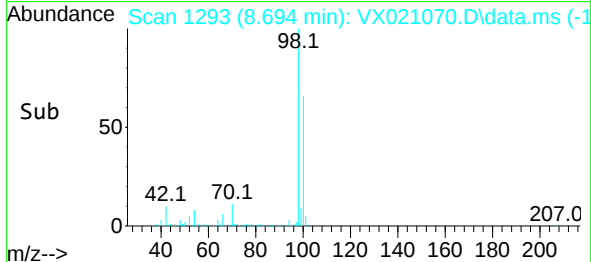
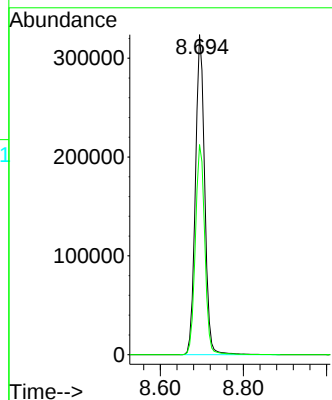
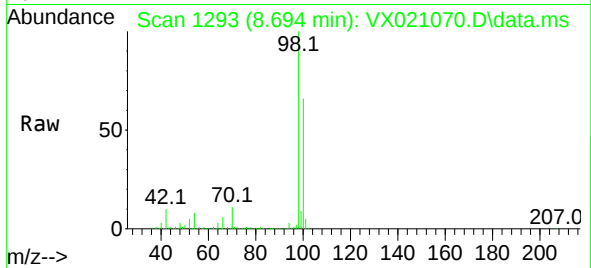




#50
Toluene-d8
Concen: 52.72 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

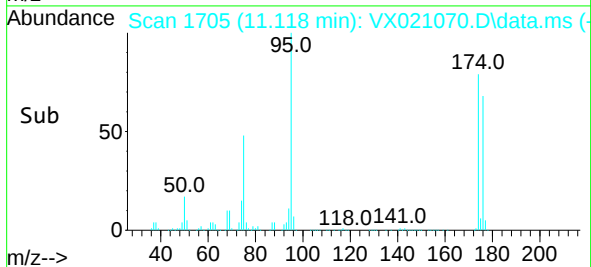
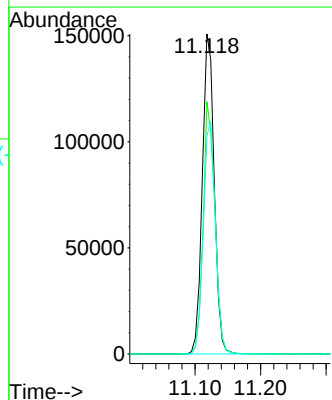
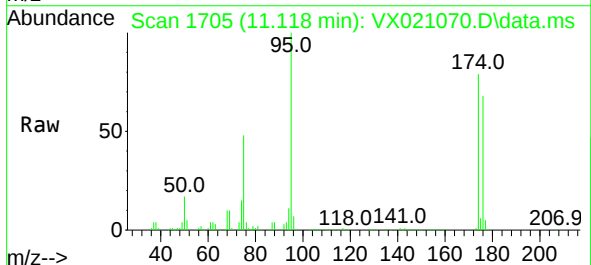
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210305

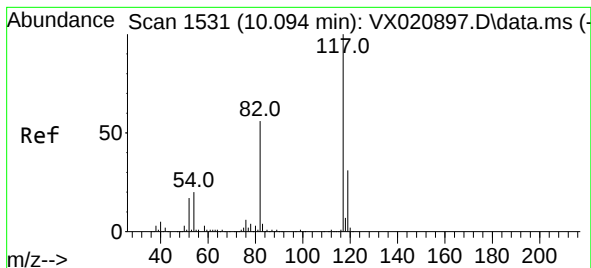
Tgt Ion: 98 Resp: 501226
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.28 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Tgt Ion: 95 Resp: 190825
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 74.2 0.0 155.8

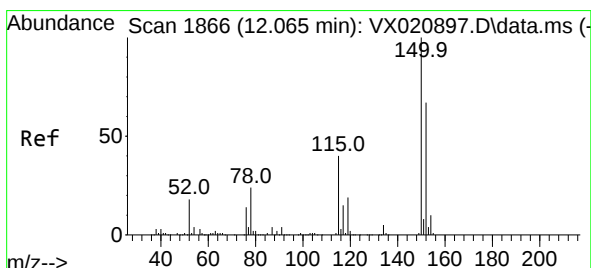
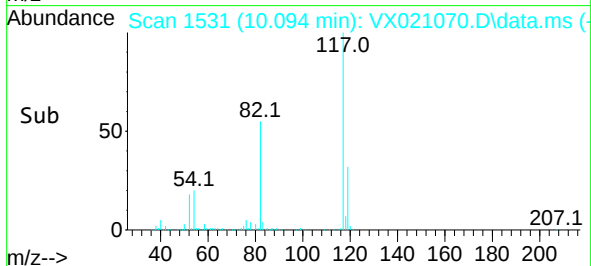
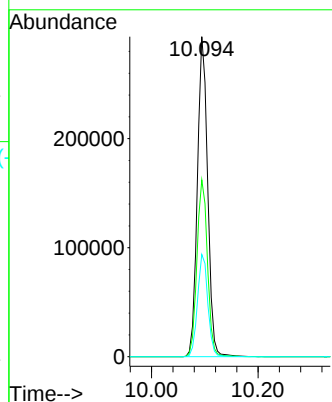
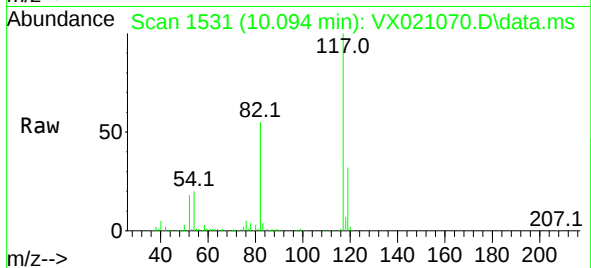




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

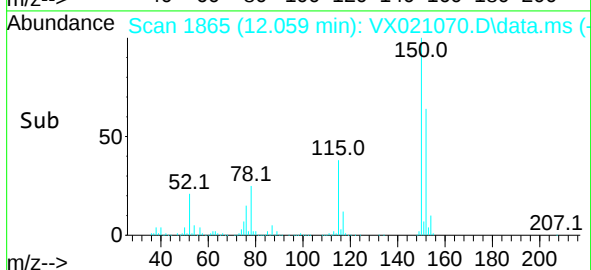
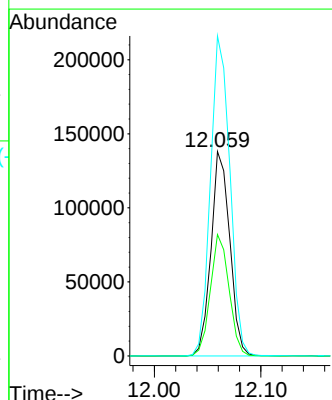
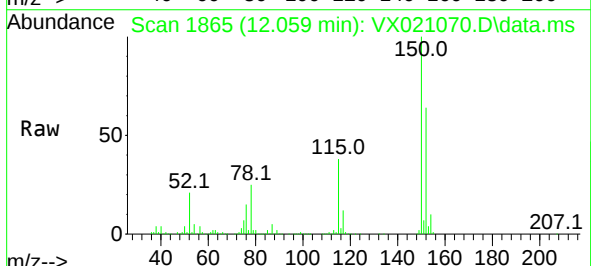
Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210305

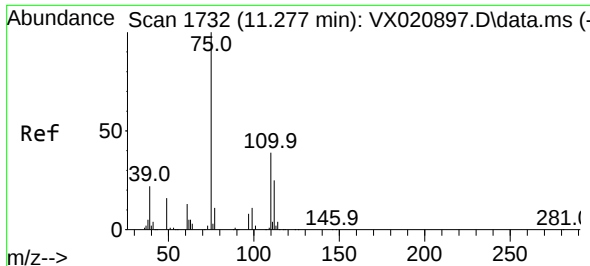
Tgt Ion:117 Resp: 394179
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Tgt Ion:152 Resp: 169090
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 161.8 0.0 349.0

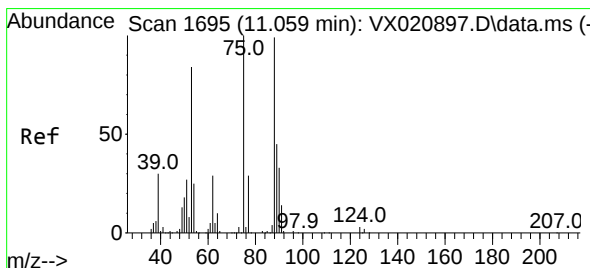
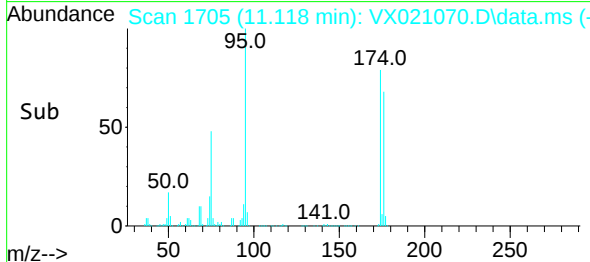
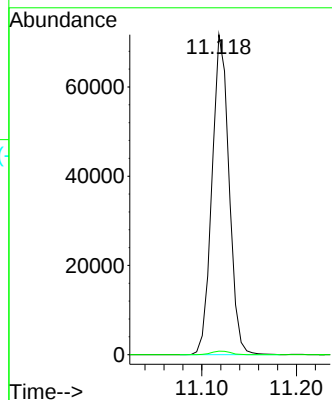
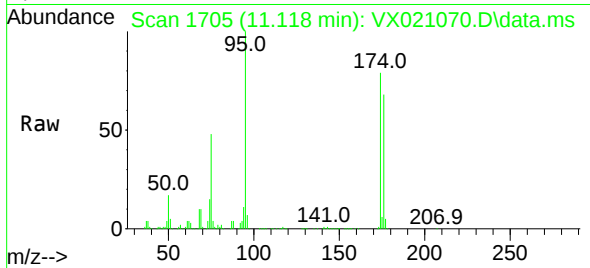




#76
1,2,3-Trichloropropane
Concen: 24.63 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20210305

Tgt Ion: 75 Resp: 89599
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.53 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021070.D
Acq: 08 Mar 2021 18:35

Tgt Ion: 75 Resp: 89599
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

