

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021093.D
 Acq On : 09 Mar 2021 04:12
 Operator : JC/MD
 Sample : M1576-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW807B-SO-030421

Quant Time: Mar 09 04:57:04 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

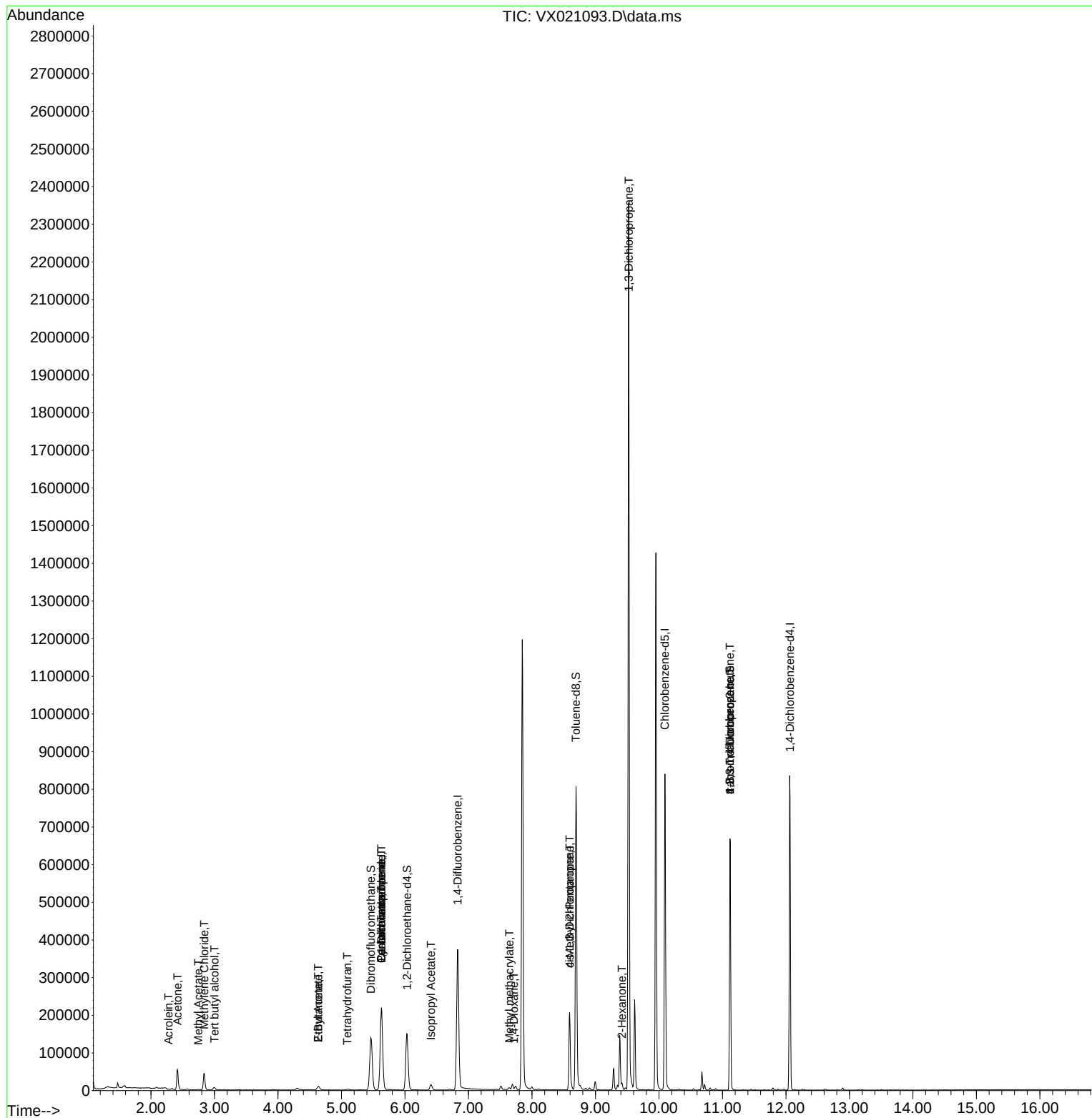
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	213296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	388940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	400565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	177817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.034	65	141225	49.02	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.04%
35) Dibromofluoromethane	5.464	113	124784	52.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.60%
50) Toluene-d8	8.694	98	495977	53.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.66%
62) 4-Bromofluorobenzene	11.117	95	190108	55.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.60%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	316	Below Cal		89
11) Tert butyl alcohol	2.999	59	4934	7.69 ug/l #		83
13) Acrolein	2.275	56	398	1.00 ug/l		91
16) Acetone	2.416	43	55965	47.14 ug/l		100
18) Methyl Acetate	2.746	43	1269	0.45 ug/l #		89
20) Methylene Chloride	2.840	84	21640	7.60 ug/l		95
25) 2-Butanone	4.634	43	13800	7.65 ug/l		92
29) Tetrahydrofuran	5.093	42	1721	1.49 ug/l #		39
31) Cyclohexane	5.629	56	3880	0.93 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	15688	4.24 ug/l #		48
37) Ethyl Acetate	4.634	43	13800	3.92 ug/l #		64
38) Carbon Tetrachloride	5.629	117	19972	5.58 ug/l #		16
43) Isopropyl Acetate	6.411	43	19347	3.23 ug/l		99
48) Methyl methacrylate	7.646	41	5913	1.97 ug/l #		10
49) 1,4-Dioxane	7.717	88	18	0.26 ug/l #		24
51) 4-Methyl-2-Pentanone	8.594	43	69620	19.99 ug/l #		47
54) cis-1,3-Dichloropropene	8.594	75	36722	7.67 ug/l #		57
57) 1,3-Dichloropropane	9.523	76	20700	4.43 ug/l #		43
59) 2-Hexanone	9.417	43	8827	3.38 ug/l #		19
76) 1,2,3-Trichloropropane	11.117	75	91191	23.84 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.117	75	91191	52.78 ug/l #		12

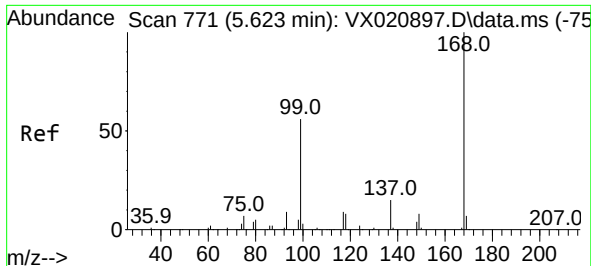
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
Data File : VX021093.D
Acq On : 09 Mar 2021 04:12
Operator : JC/MD
Sample : M1576-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

Quant Time: Mar 09 04:57:04 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

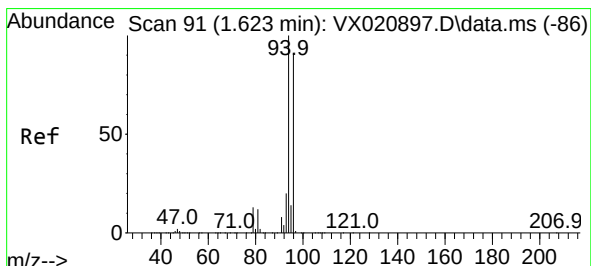
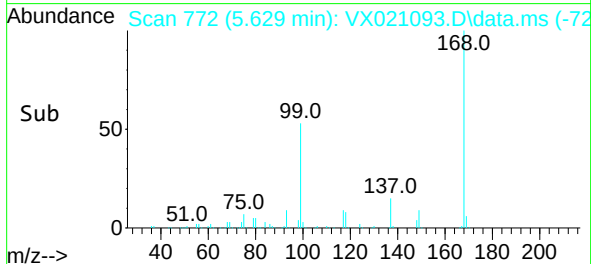
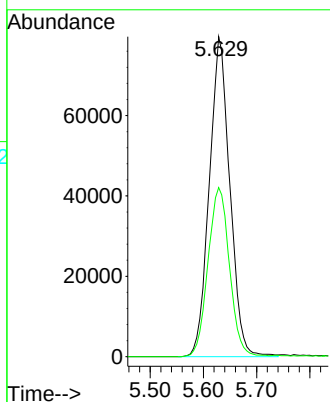
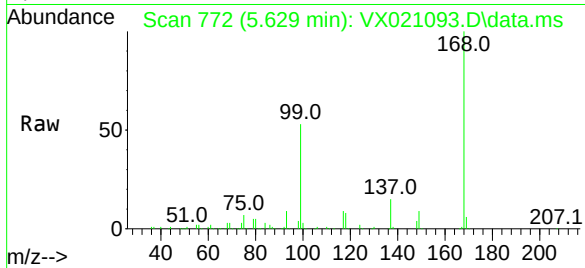




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

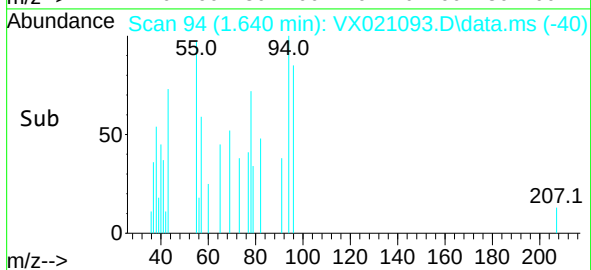
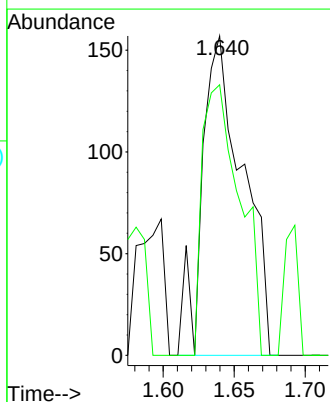
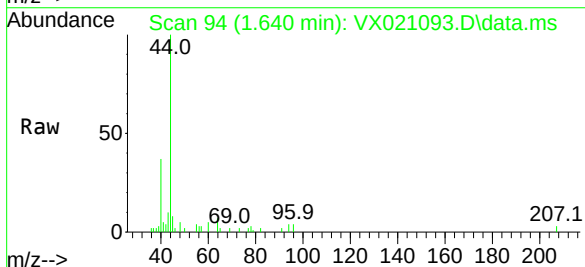
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

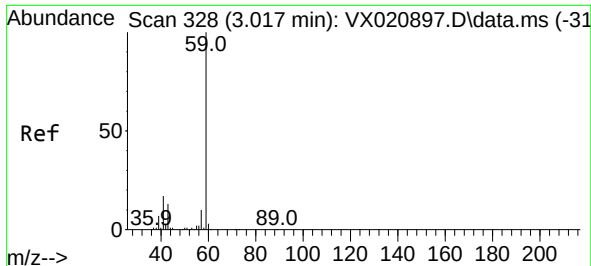
Tgt Ion:168 Resp: 213296
Ion Ratio Lower Upper
168 100
99 52.8 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

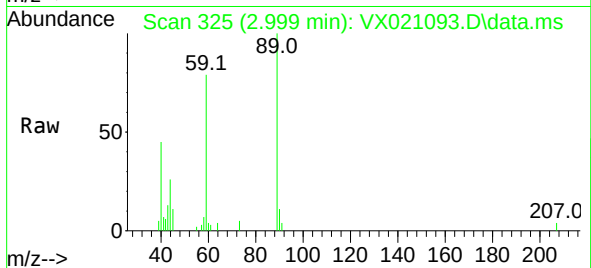
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 84.7 76.4 114.6



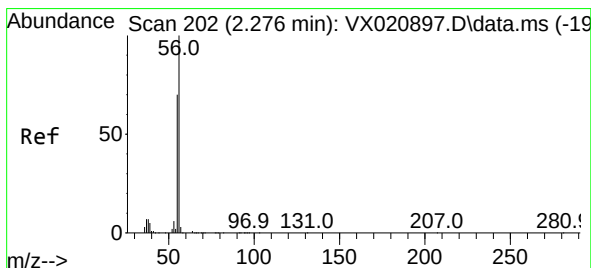
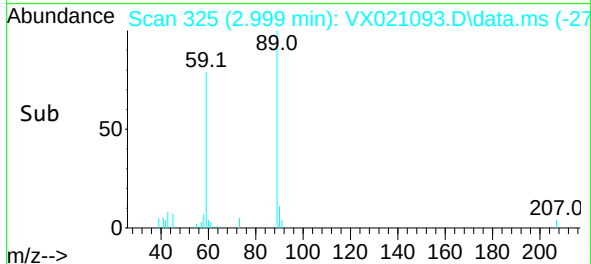
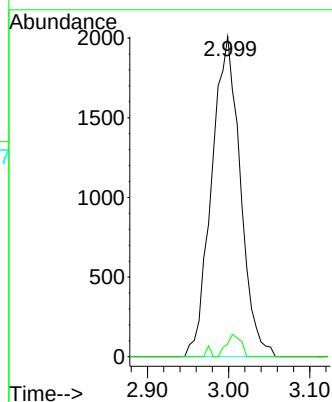


#11
Tert butyl alcohol
Concen: 7.69 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

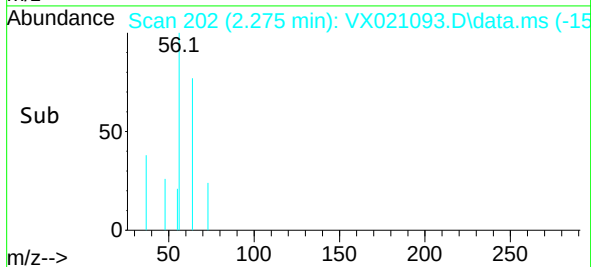
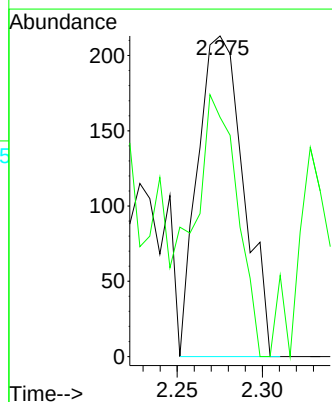
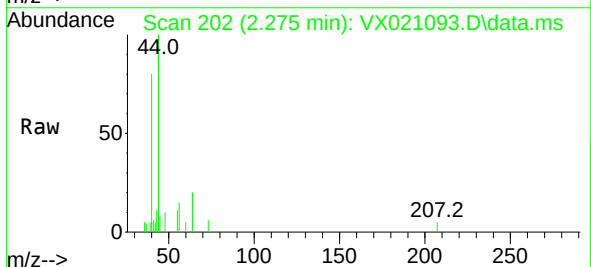


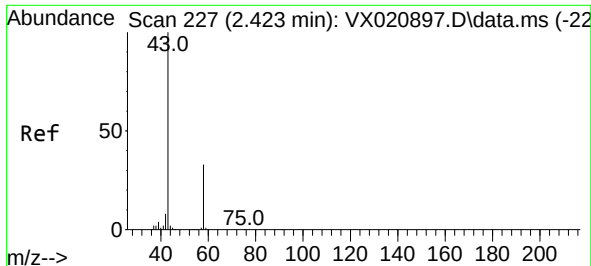
Tgt Ion: 59 Resp: 4934
Ion Ratio Lower Upper
59 100
57 3.5 7.8 11.8#



#13
Acrolein
Concen: 1.00 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

Tgt Ion: 56 Resp: 398
Ion Ratio Lower Upper
56 100
55 63.3 56.4 84.6

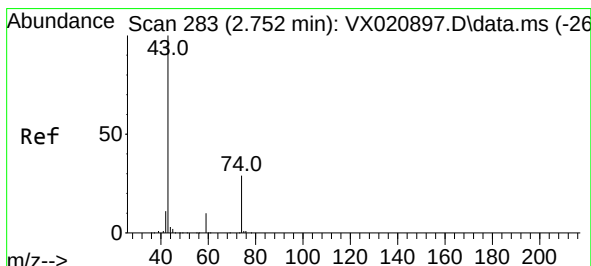
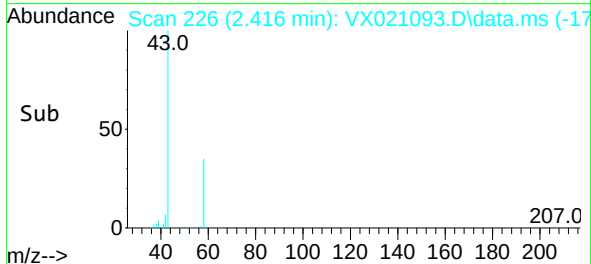
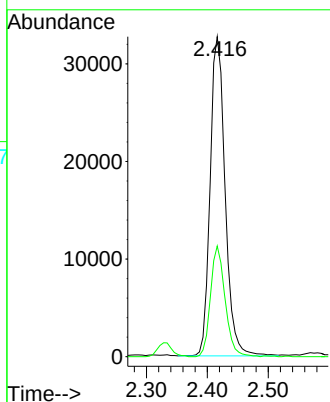
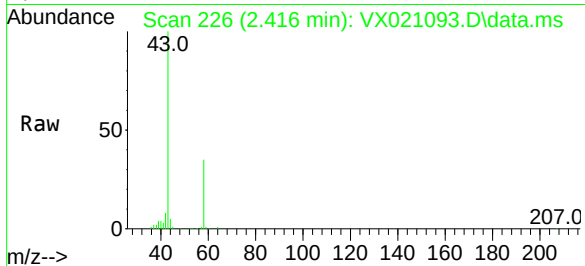




#16
Acetone
Concen: 47.14 ug/l
RT: 2.416 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

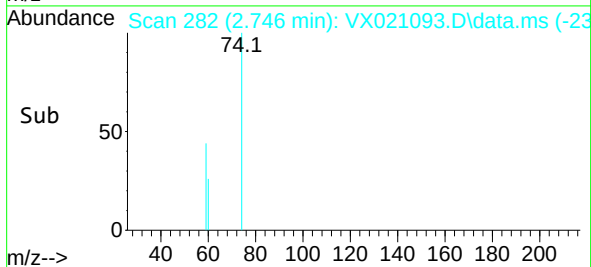
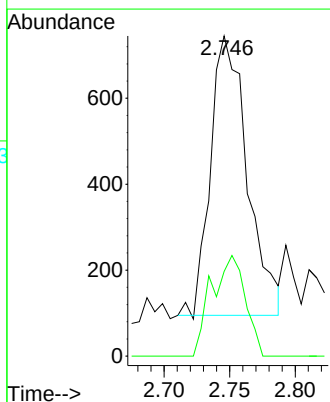
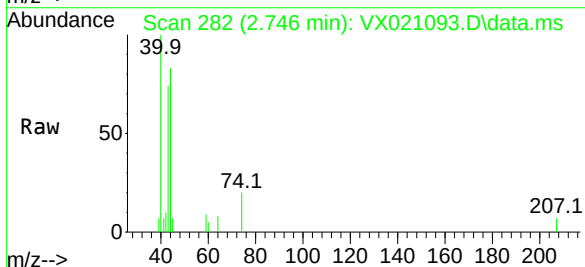
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

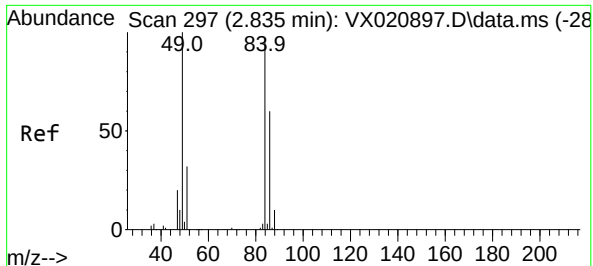
Tgt Ion: 43 Resp: 55965
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#18
Methyl Acetate
Concen: 0.45 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
74 33.2 21.9 32.9#





#20

Methylene Chloride

Concen: 7.60 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.005 min

Lab File: VX021093.D

Acq: 09 Mar 2021 04:12

Tgt Ion: 84 Resp: 21640

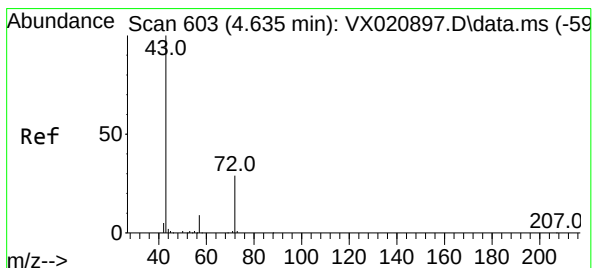
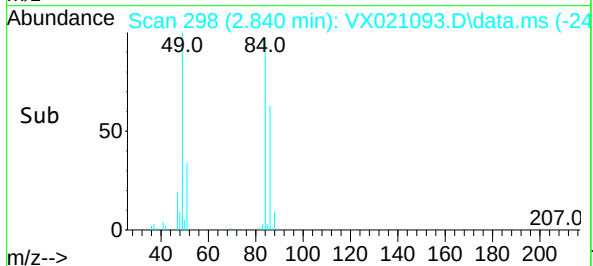
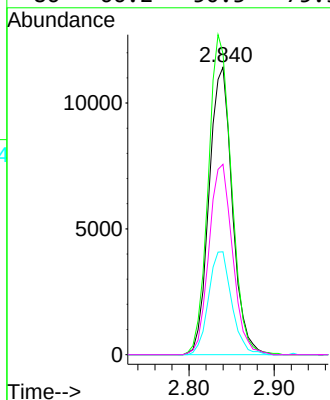
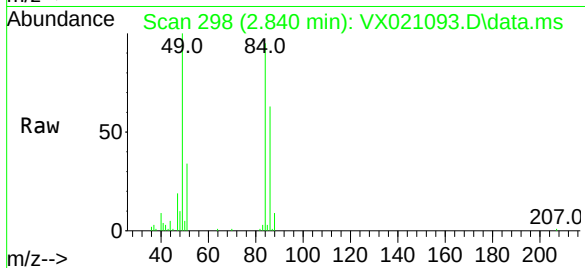
Ion Ratio Lower Upper

84 100

49 104.8 88.6 132.8

51 35.8 27.0 40.6

86 66.2 50.3 75.5



#25

2-Butanone

Concen: 7.65 ug/l

RT: 4.634 min Scan# 603

Delta R.T. -0.000 min

Lab File: VX021093.D

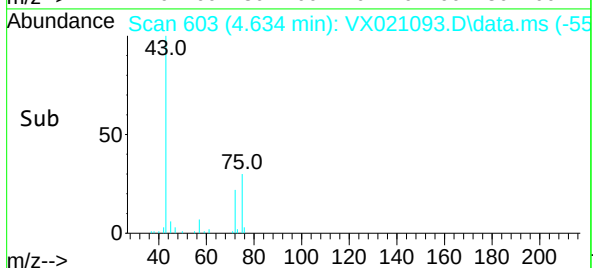
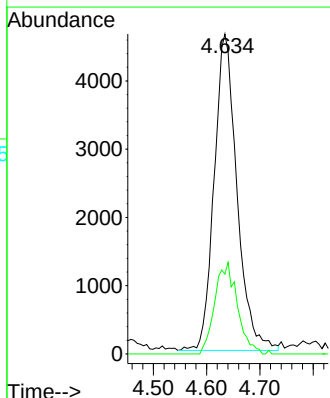
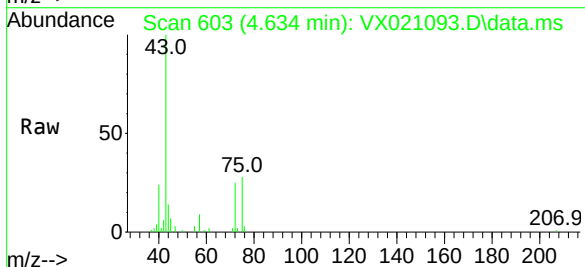
Acq: 09 Mar 2021 04:12

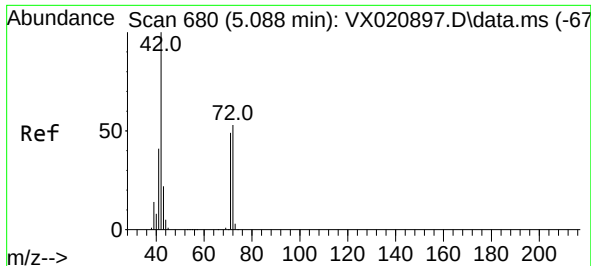
Tgt Ion: 43 Resp: 13800

Ion Ratio Lower Upper

43 100

72 25.2 23.7 35.5





#29

Tetrahydrofuran

Concen: 1.49 ug/l

RT: 5.093 min Scan# 681

Delta R.T. 0.005 min

Lab File: VX021093.D

Acq: 09 Mar 2021 04:12

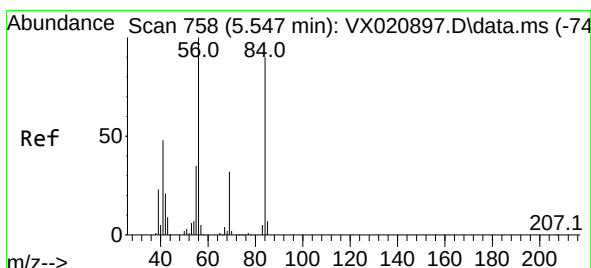
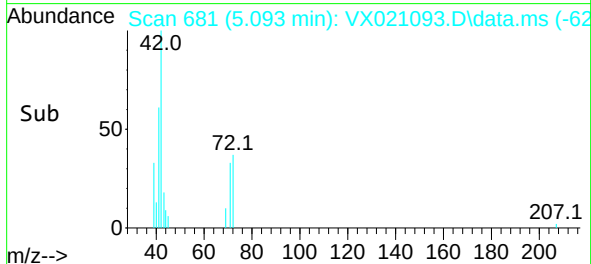
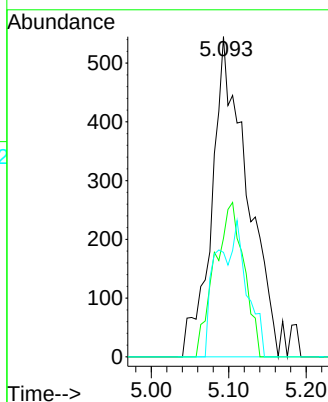
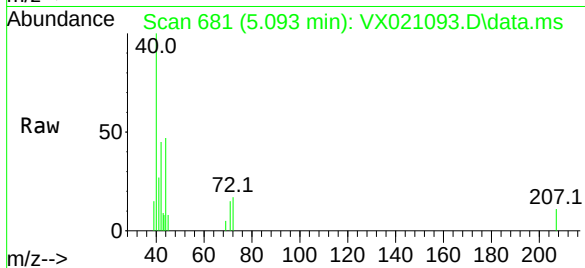
Instrument :

MSVOA_X

ClientSampleId :

IDW-GW807B-SO-030421

Tgt Ion:	42	Resp:	1721
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	16.9	38.4	57.6#



#31

Cyclohexane

Concen: 0.93 ug/l

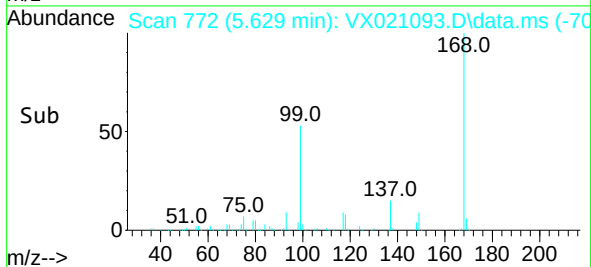
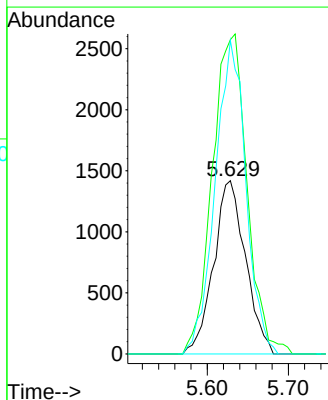
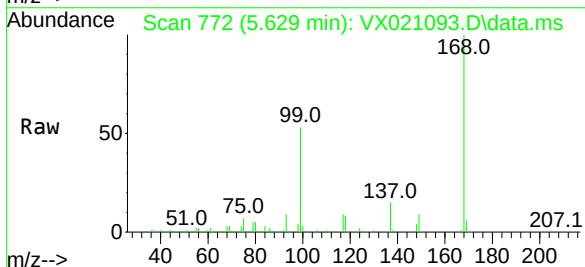
RT: 5.629 min Scan# 772

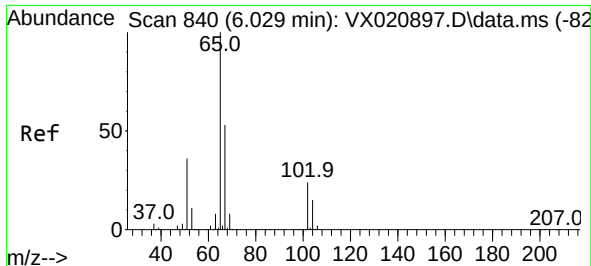
Delta R.T. 0.082 min

Lab File: VX021093.D

Acq: 09 Mar 2021 04:12

Tgt Ion:	56	Resp:	3880
Ion	Ratio	Lower	Upper
56	100		
69	181.4	25.3	37.9#
84	181.0	71.4	107.0#

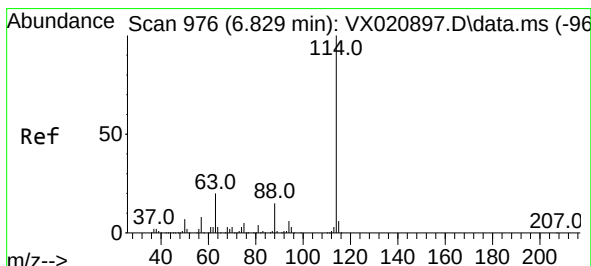
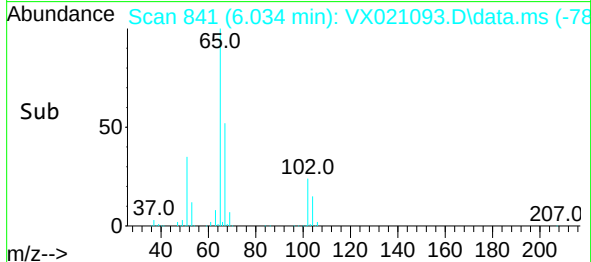
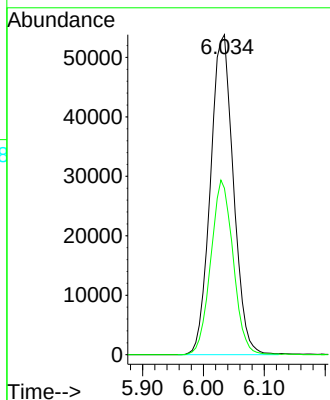
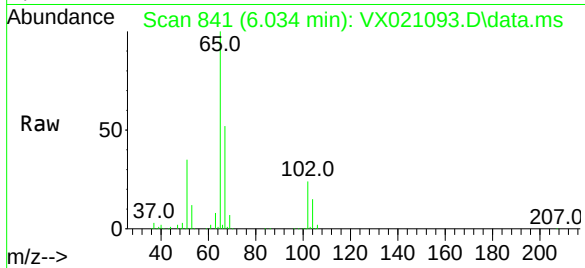




#33
1,2-Dichloroethane-d4
Concen: 49.02 ug/l
RT: 6.034 min Scan# 841
Delta R.T. 0.005 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

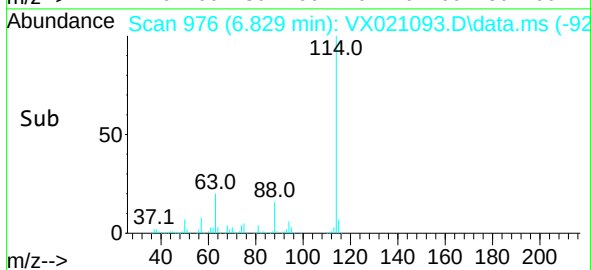
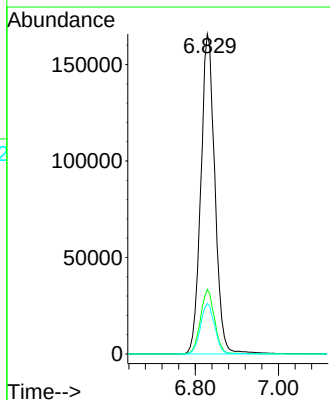
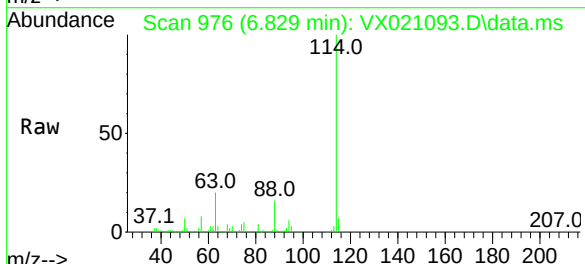
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

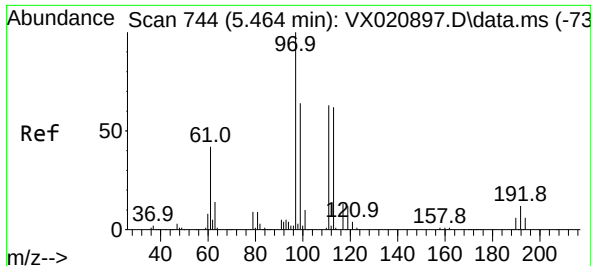
Tgt Ion: 65 Resp: 141225
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

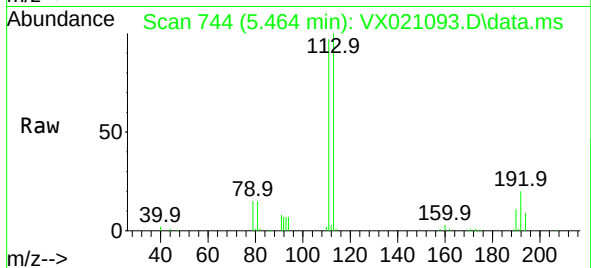
Tgt Ion: 114 Resp: 388940
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.7 0.0 32.8



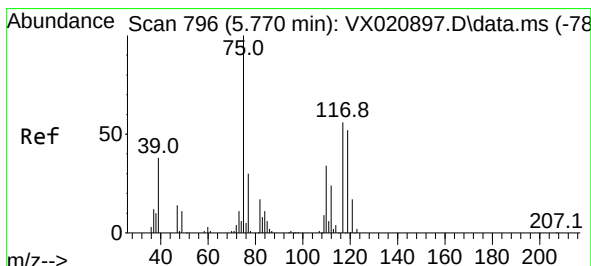
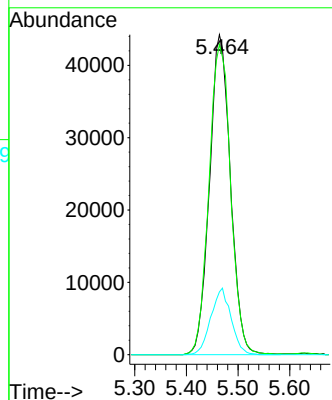
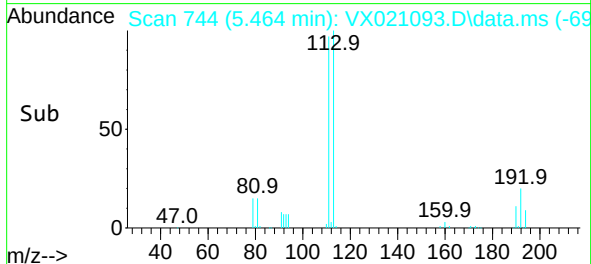


#35
Dibromofluoromethane
Concen: 52.80 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

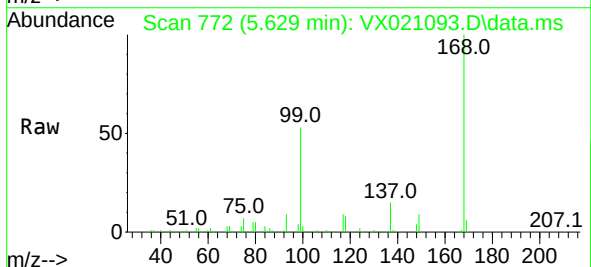
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421



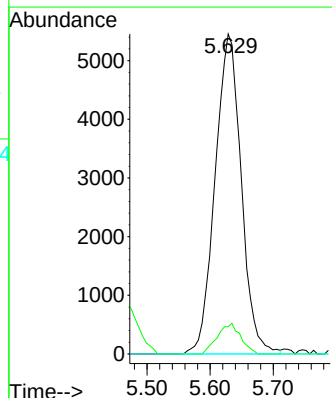
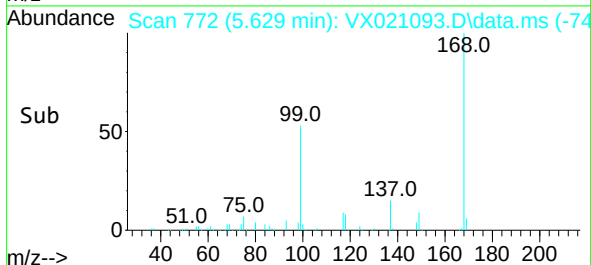
Tgt Ion:113 Resp: 124784
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 20.0 16.7 25.1

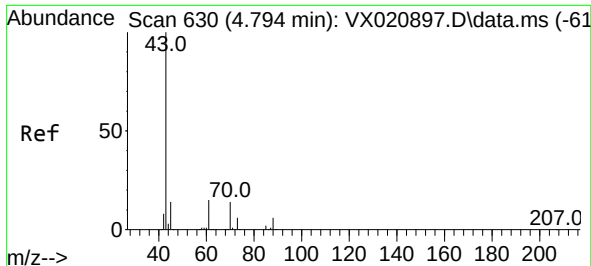


#36
1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.142 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12



Tgt Ion: 75 Resp: 15688
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.92 ug/l

RT: 4.634 min Scan# 603

Delta R.T. -0.159 min

Lab File: VX021093.D

Acq: 09 Mar 2021 04:12

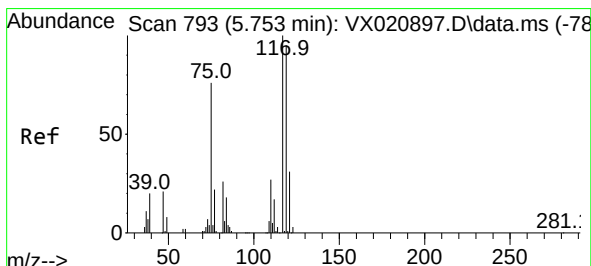
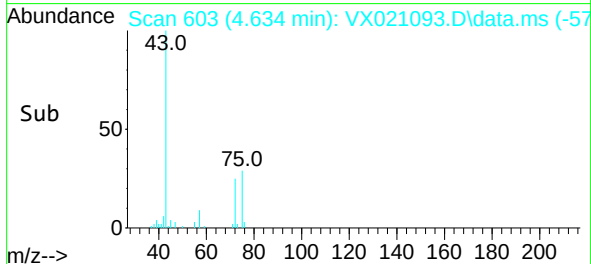
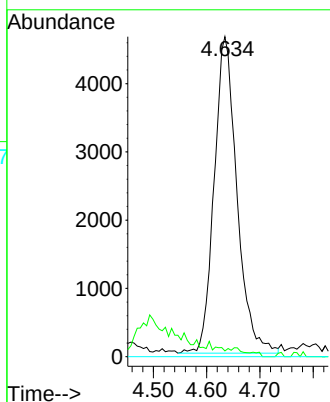
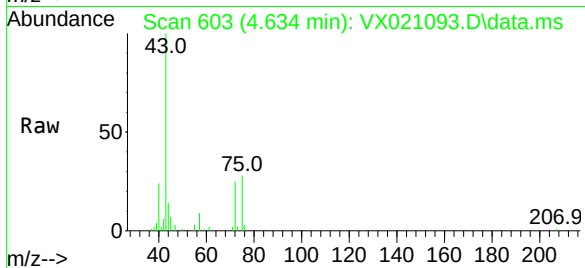
Instrument :

MSVOA_X

ClientSampleId :

IDW-GW807B-SO-030421

Tgt Ion: 43	Resp: 13800
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.58 ug/l

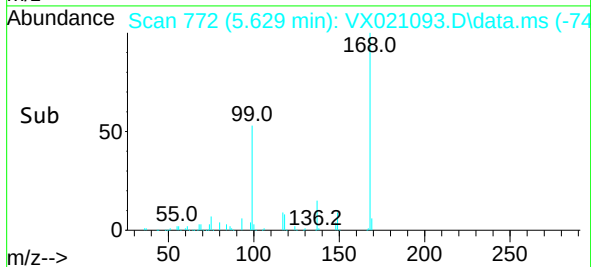
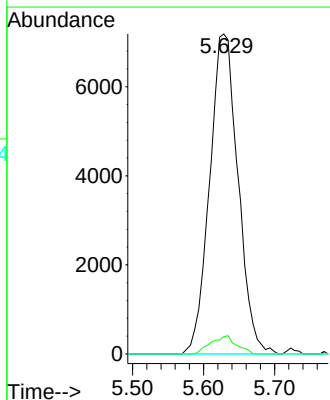
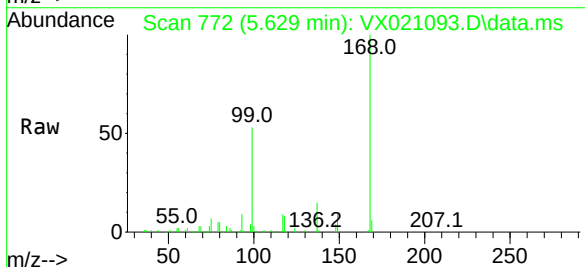
RT: 5.629 min Scan# 772

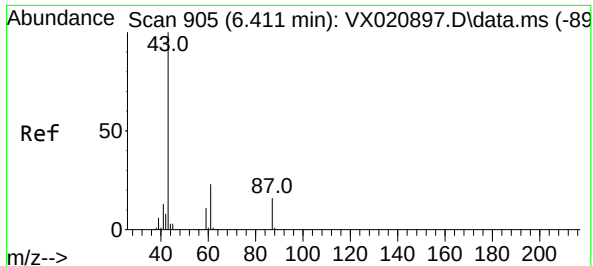
Delta R.T. -0.124 min

Lab File: VX021093.D

Acq: 09 Mar 2021 04:12

Tgt Ion: 117	Resp: 19972
Ion Ratio	Lower Upper
117 100	
119 5.4	76.2 114.2#
121 0.0	24.8 37.2#

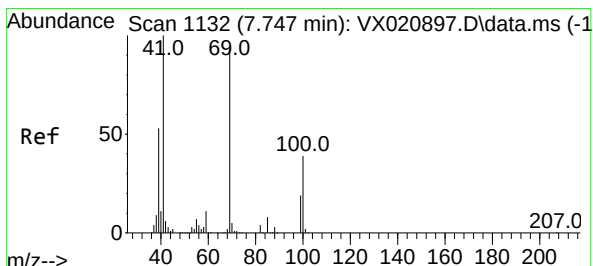
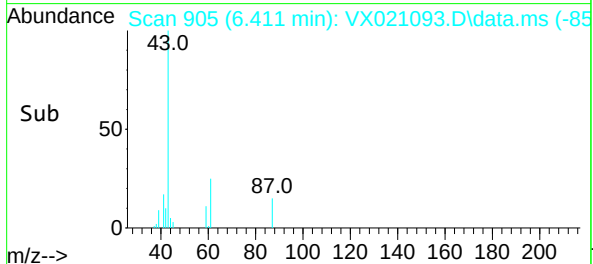
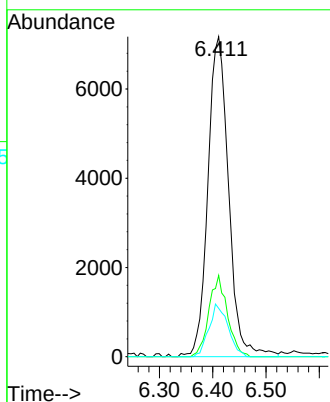
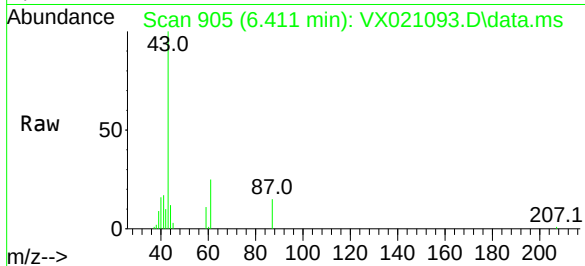




#43
Isopropyl Acetate
Concen: 3.23 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

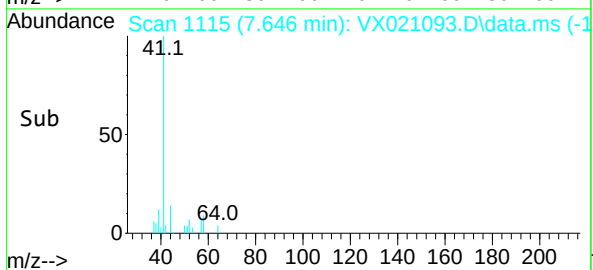
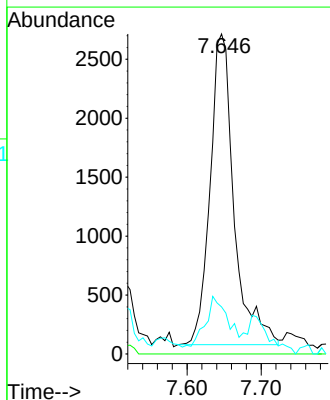
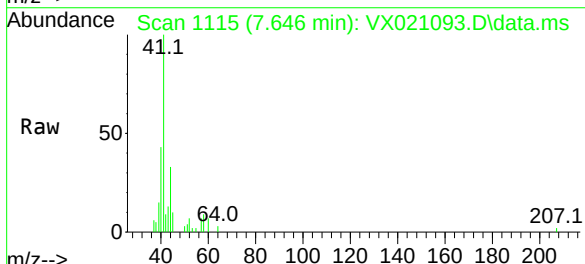
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

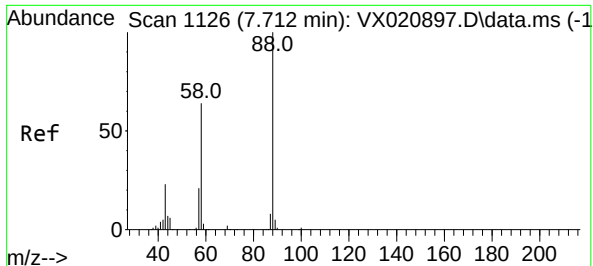
Tgt Ion:	43	Resp:	19347
Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.4
87	15.2	12.5	18.7



#48
Methyl methacrylate
Concen: 1.97 ug/l
RT: 7.646 min Scan# 1115
Delta R.T. -0.101 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

Tgt Ion:	41	Resp:	5913
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

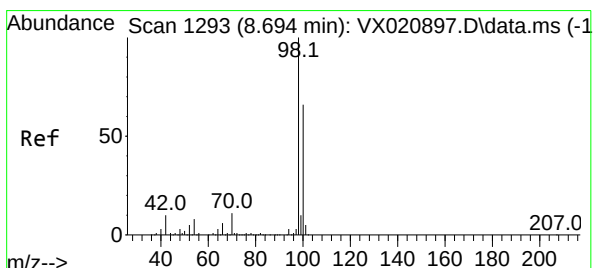
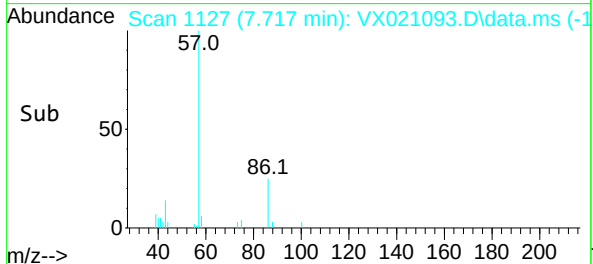
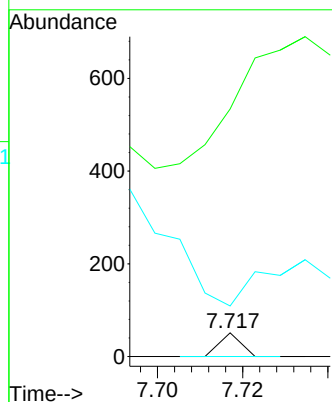
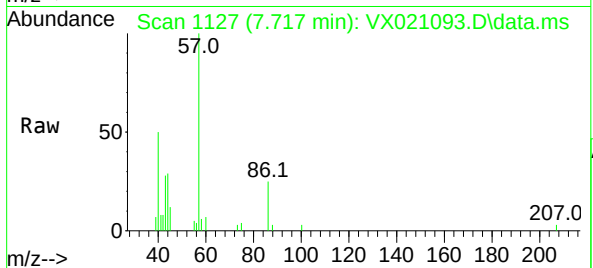




#49
1,4-Dioxane
Concen: 0.26 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

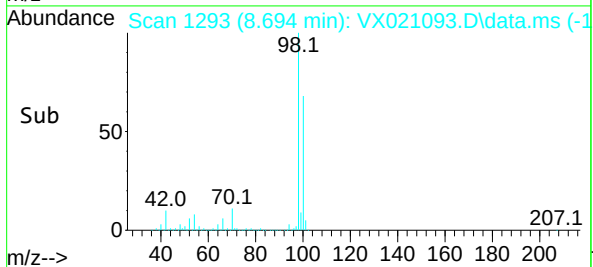
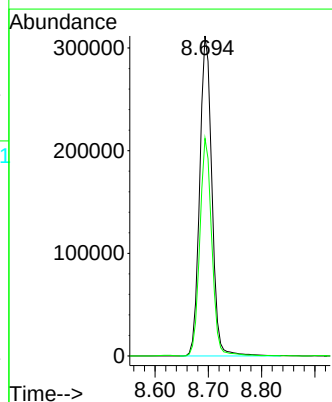
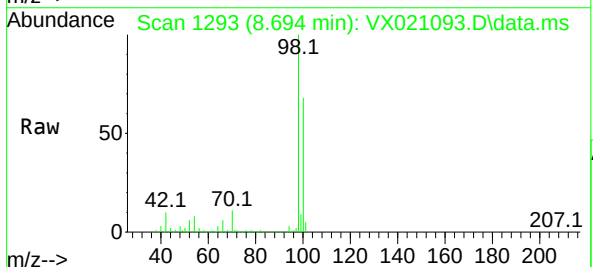
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

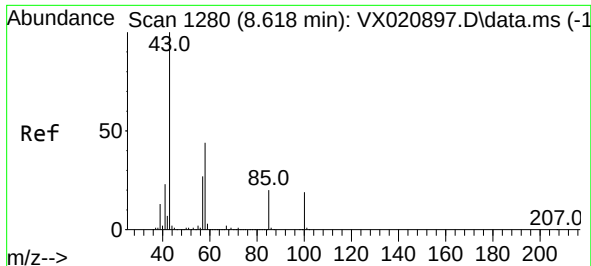
Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 53.83 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

Tgt Ion: 98 Resp: 495977
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

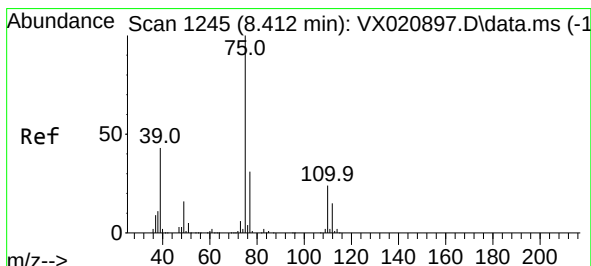
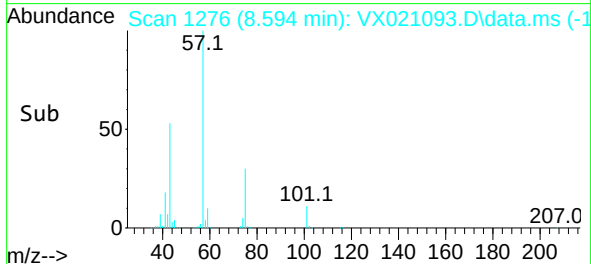
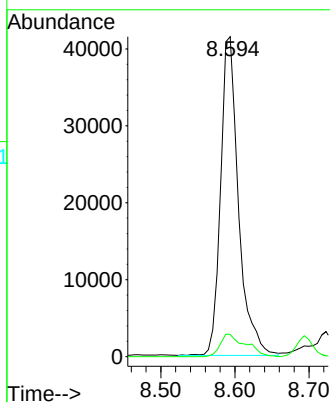
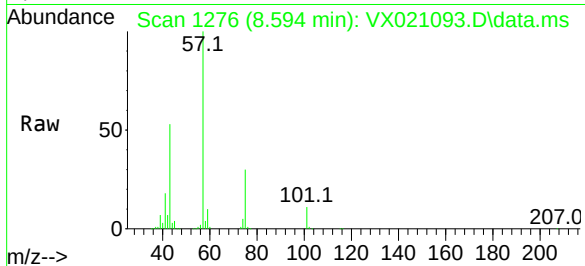




#51
4-Methyl-2-Pentanone
Concen: 19.99 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

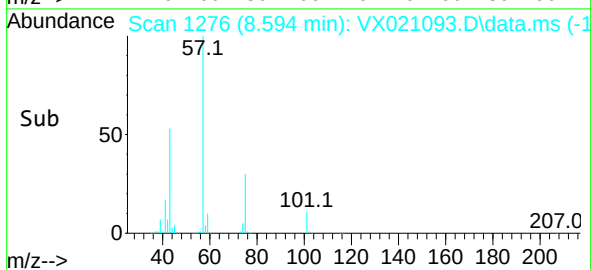
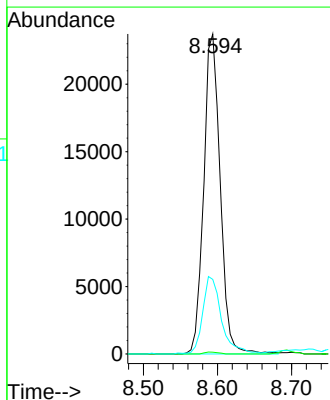
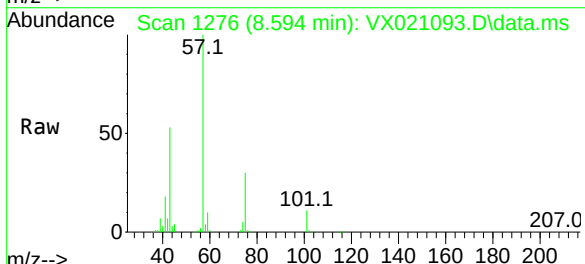
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

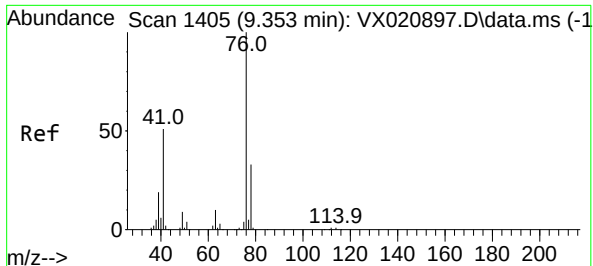
Tgt Ion: 43 Resp: 69620
Ion Ratio Lower Upper
43 100
58 10.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 7.67 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

Tgt Ion: 75 Resp: 36722
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 23.0 35.1 52.7#

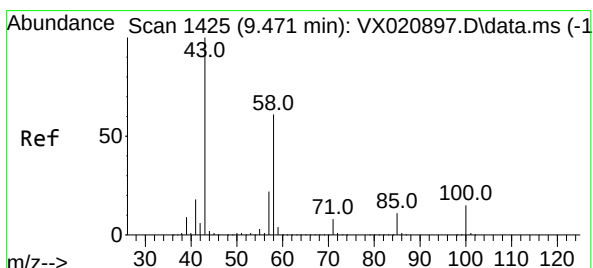
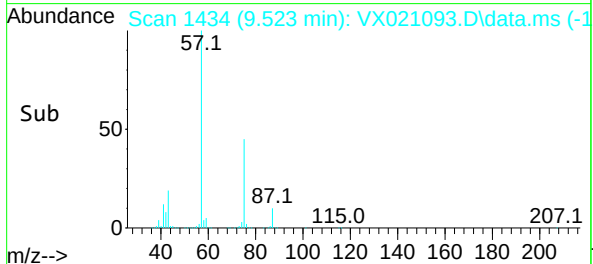
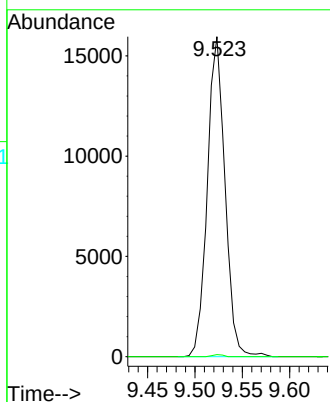
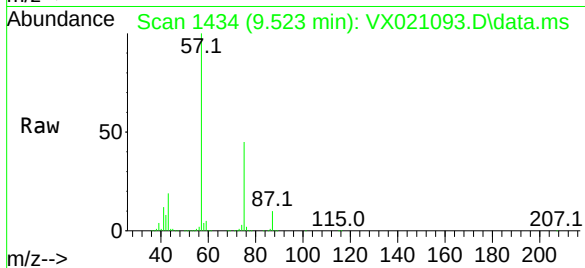




#57
1,3-Dichloropropane
Concen: 4.43 ug/l
RT: 9.523 min Scan# 1434
Delta R.T. 0.170 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

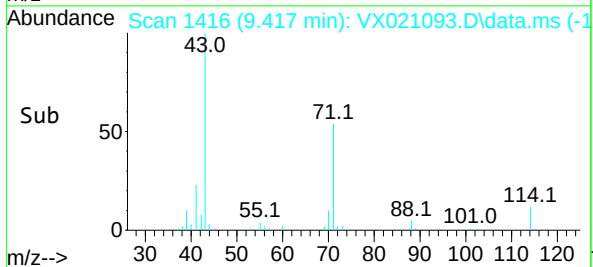
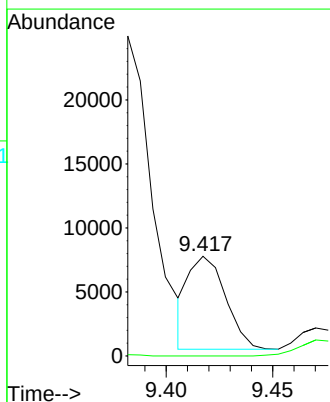
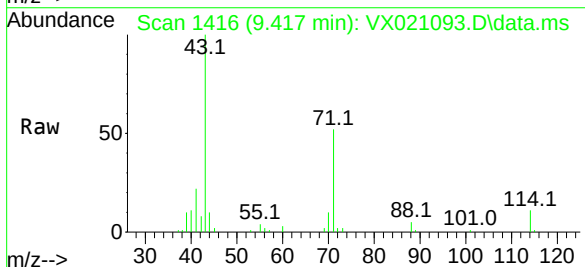
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

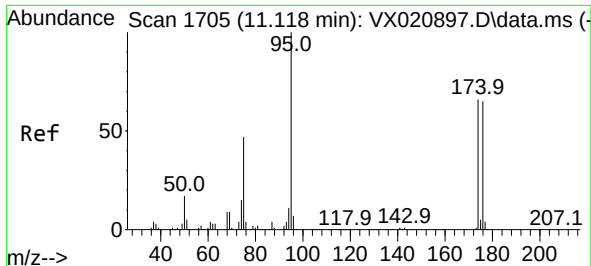
Tgt Ion: 76 Resp: 20700
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#



#59
2-Hexanone
Concen: 3.38 ug/l
RT: 9.417 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

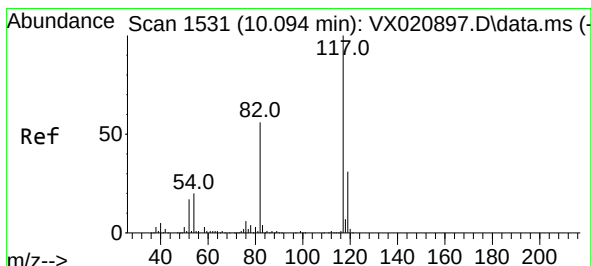
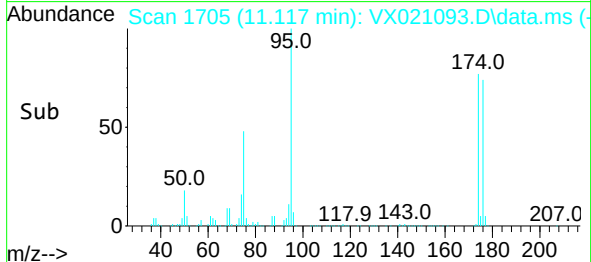
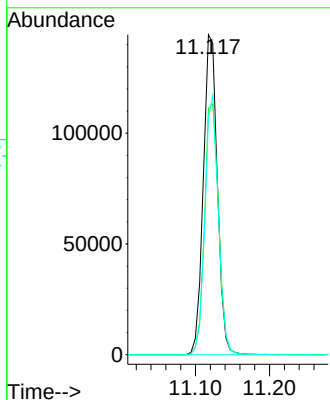
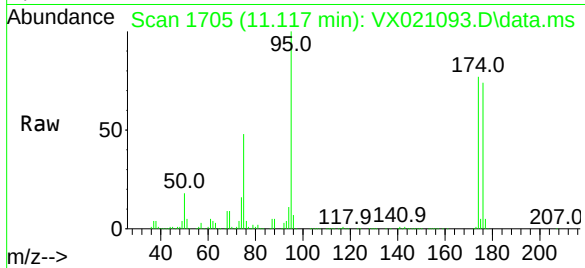




#62
4-Bromofluorobenzene
Concen: 55.80 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

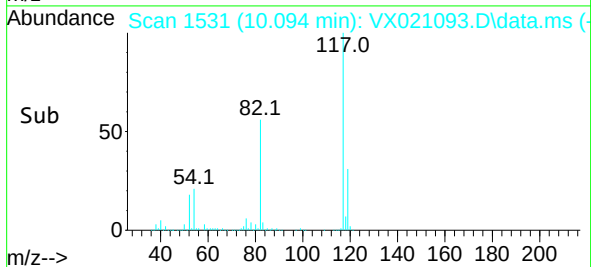
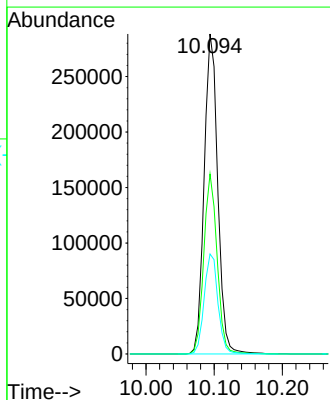
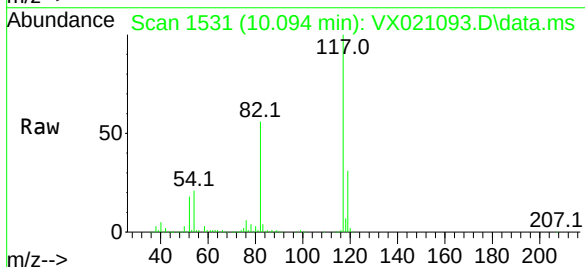
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

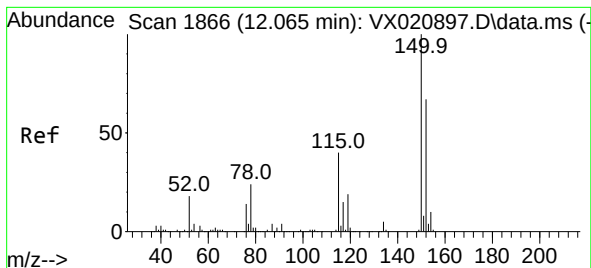
Tgt Ion: 95 Resp: 190108
Ion Ratio Lower Upper
95 100
174 79.0 0.0 154.6
176 77.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

Tgt Ion: 117 Resp: 400565
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.3 26.6 39.8

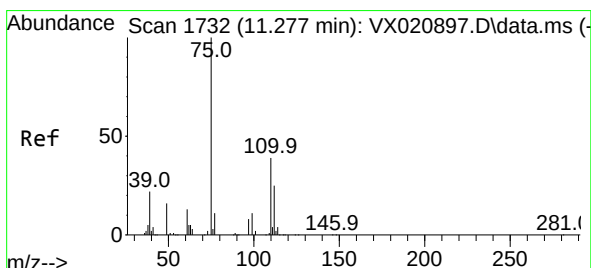
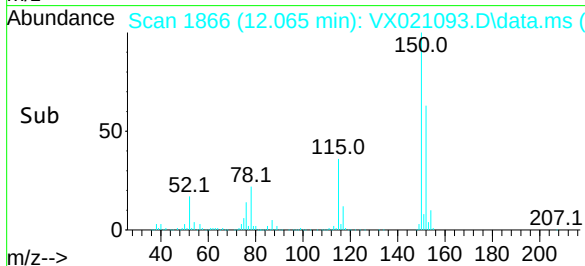
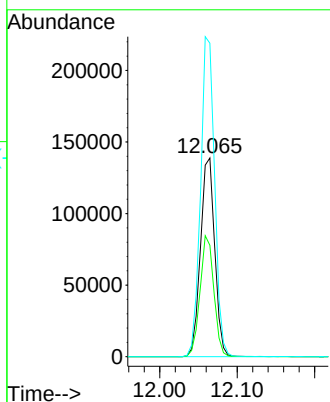
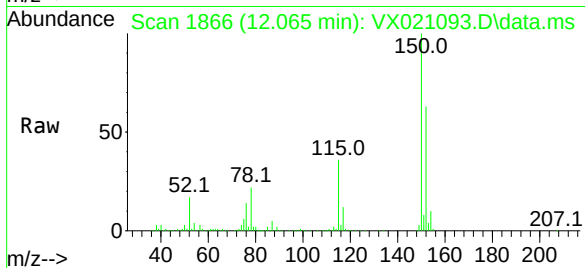




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

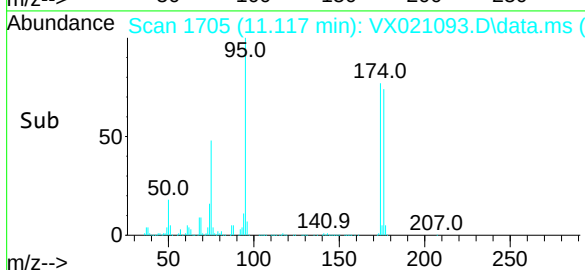
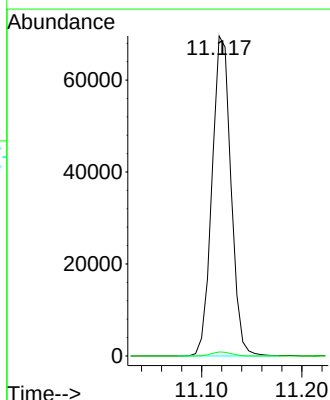
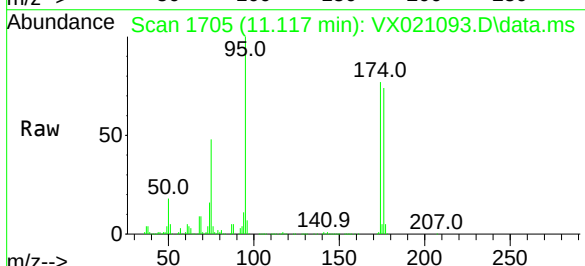
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW807B-SO-030421

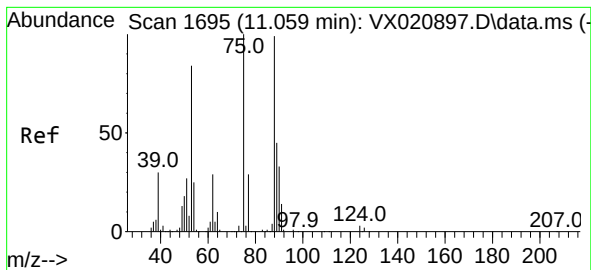
Tgt Ion:152 Resp: 177817
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.84 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021093.D
Acq: 09 Mar 2021 04:12

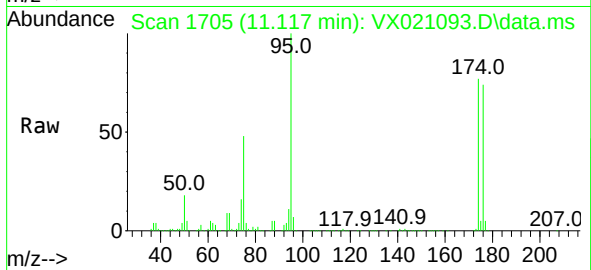
Tgt Ion: 75 Resp: 91191
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.78 ug/l
 RT: 11.117 min Scan# 1705
 Delta R.T. 0.058 min
 Lab File: VX021093.D
 Acq: 09 Mar 2021 04:12

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW807B-SO-030421



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

