

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022589.D
 Acq On : 09 Jun 2021 01:55
 Operator : JC/MD
 Sample : M2625-28
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:04:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

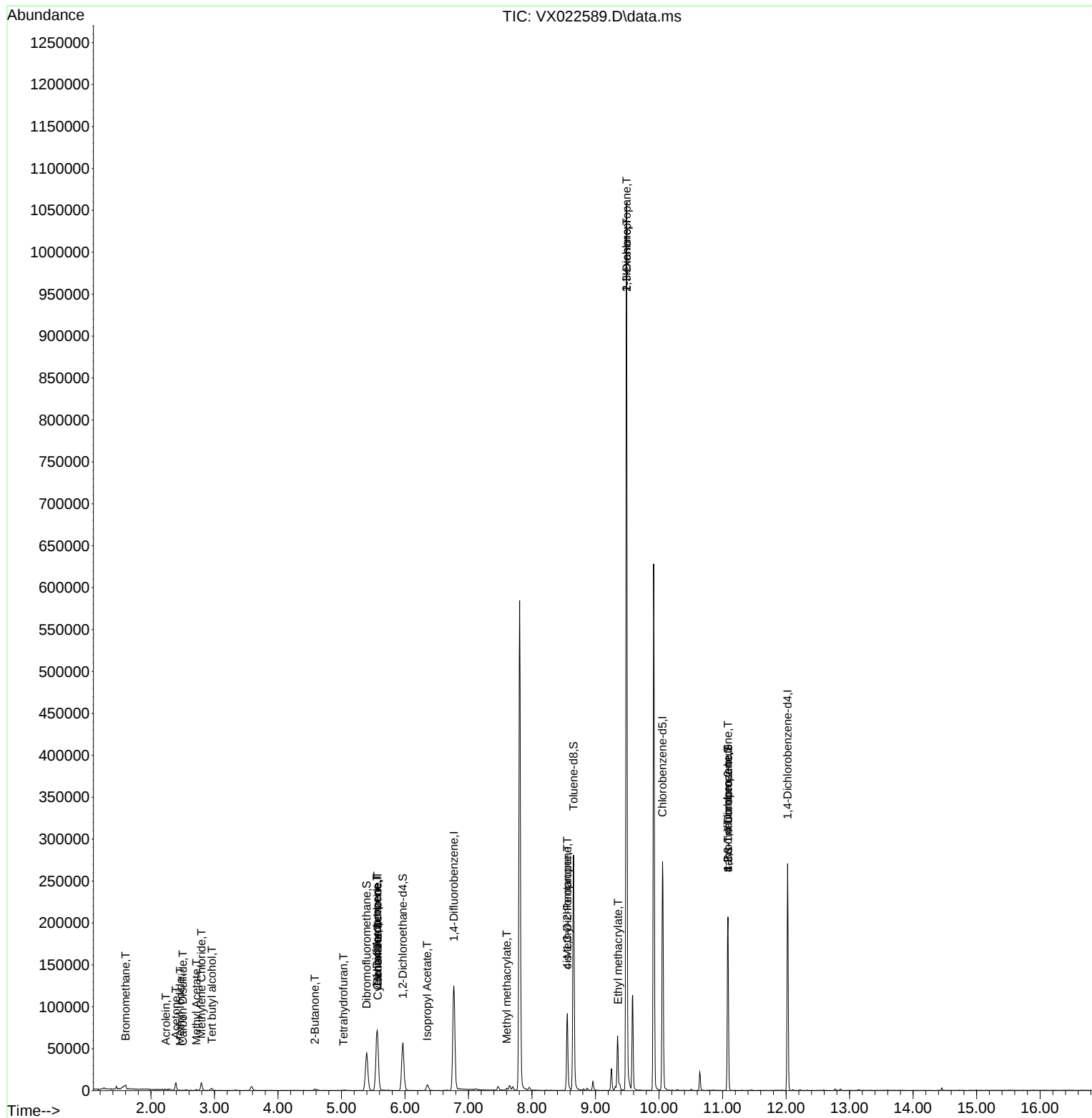
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	60956	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	124061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51834	47.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.660%
35) Dibromofluoromethane	5.397	113	36800	47.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.820%
50) Toluene-d8	8.653	98	156662	50.583	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.160%
62) 4-Bromofluorobenzene	11.085	95	56688	49.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.480%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	176	0.400	ug/l	# 78
10) Methyl Iodide	2.459	142	240	0.272	ug/l	# 42
11) Tert butyl alcohol	2.959	59	1491	6.134	ug/l	# 73
13) Acrolein	2.233	56	71	3.724	ug/l	# 1
16) Acetone	2.392	43	9303	19.106	ug/l	# 97
17) Carbon Disulfide	2.502	76	185	3.473	ug/l	# 75
18) Methyl Acetate	2.715	43	1117	0.832	ug/l	# 99
20) Methylene Chloride	2.794	84	3882	3.818	ug/l	# 85
25) 2-Butanone	4.581	43	1850	2.299	ug/l	# 73
29) Tetrahydrofuran	5.032	42	327	0.692	ug/l	# 38
31) Cyclohexane	5.574	56	1683	1.313	ug/l	# 23
36) 1,1-Dichloropropene	5.556	75	6160	5.133	ug/l	# 49
38) Carbon Tetrachloride	5.568	117	7165	8.241	ug/l	# 14
43) Isopropyl Acetate	6.348	43	9097	3.643	ug/l	# 93
48) Methyl methacrylate	7.604	41	3183	2.739	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	32671	21.001	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	14935	11.238	ug/l	# 64
56) Ethyl methacrylate	9.354	69	312	2.876	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	8849	5.401	ug/l	# 42
59) 2-Hexanone	9.488	43	121651	102.363	ug/l	# 43
76) 1,2,3-Trichloropropane	11.085	75	29877	24.701	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29877	61.196	ug/l	# 12

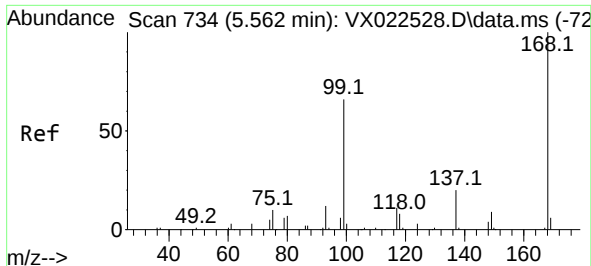
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jun 09 04:04:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

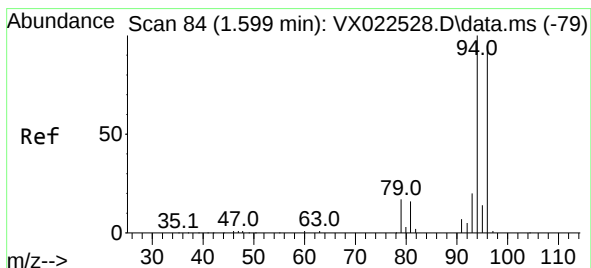
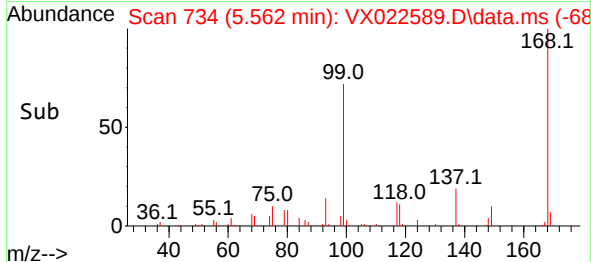
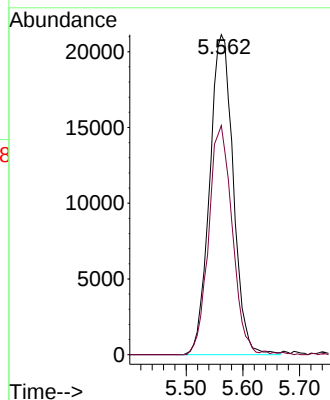
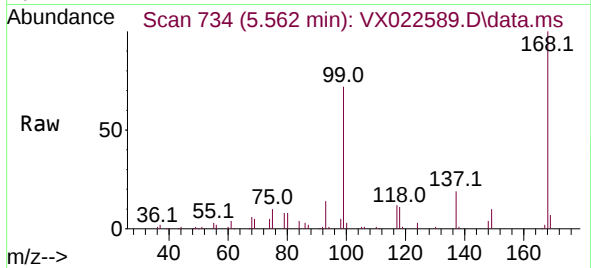




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

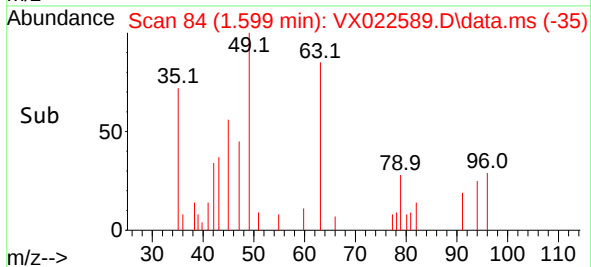
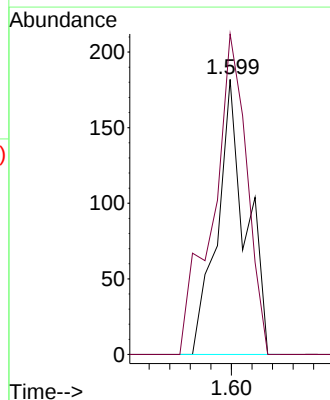
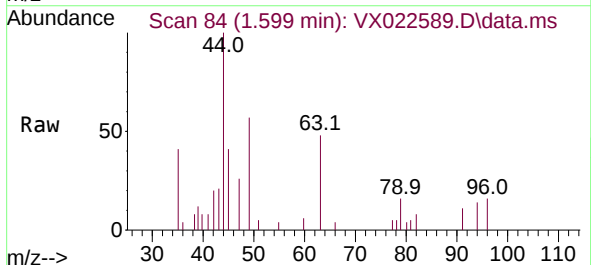
Instrument :
MSVOA_X
ClientSampleId :

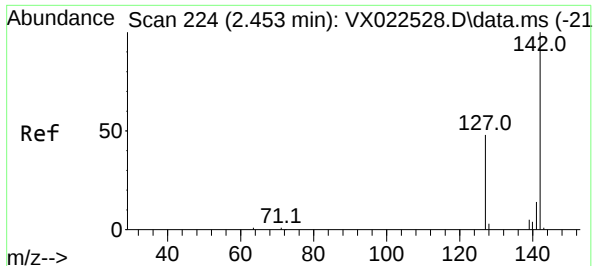
Tgt Ion:168 Resp: 60956
Ion Ratio Lower Upper
168 100
99 71.6 45.8 68.6#



#5
Bromomethane
Concen: 0.400 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

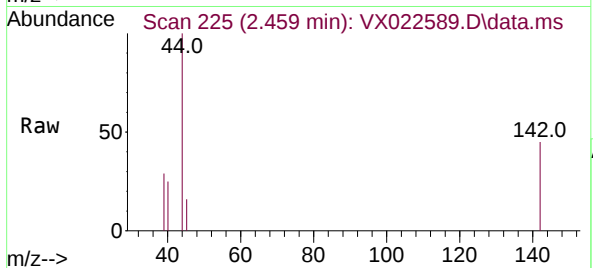
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 116.5 76.4 114.6#



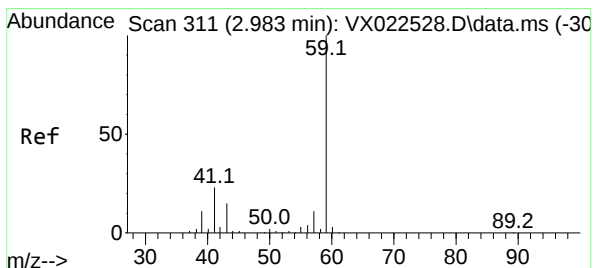
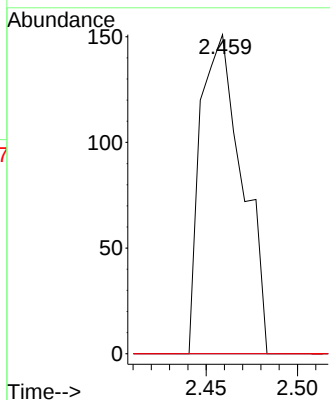
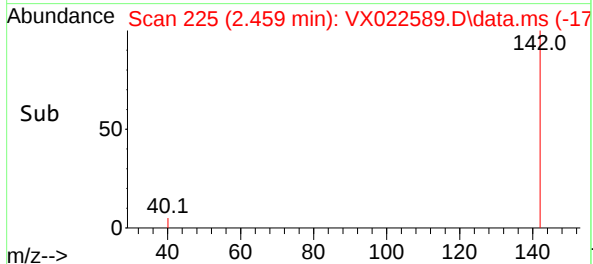


#10
Methyl Iodide
Concen: 0.272 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

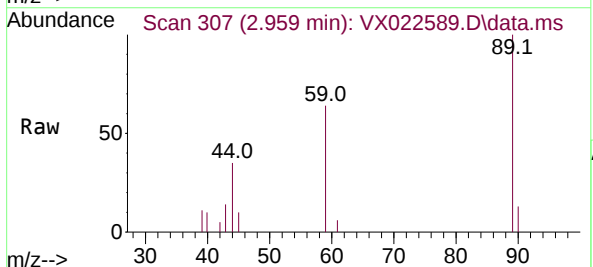
Instrument :
MSVOA_X
ClientSampleId :



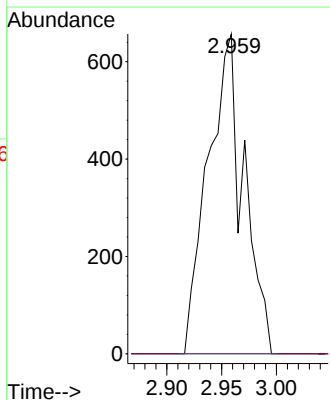
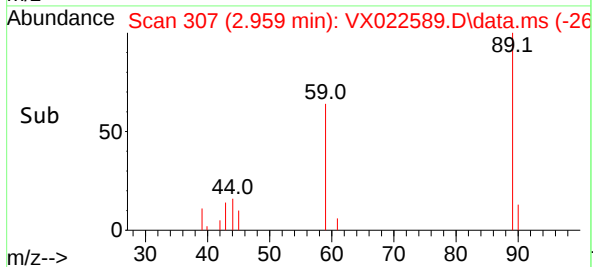
Tgt Ion:142 Resp: 240
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

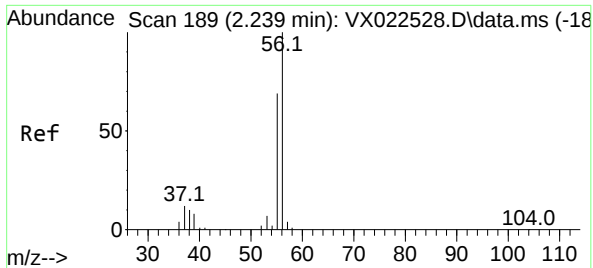


#11
Tert butyl alcohol
Concen: 6.134 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55



Tgt Ion: 59 Resp: 1491
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

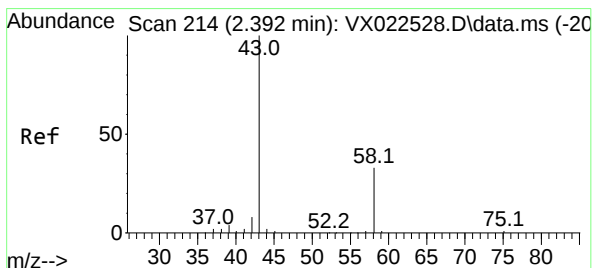
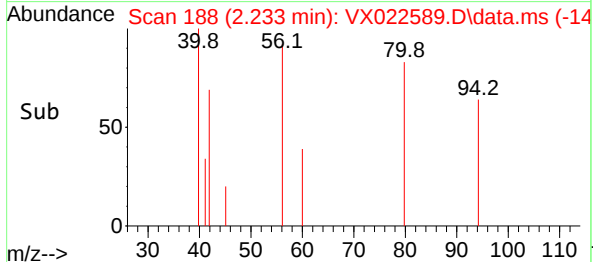
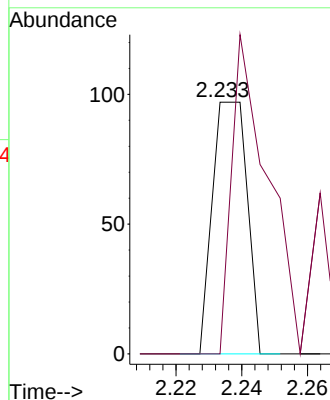
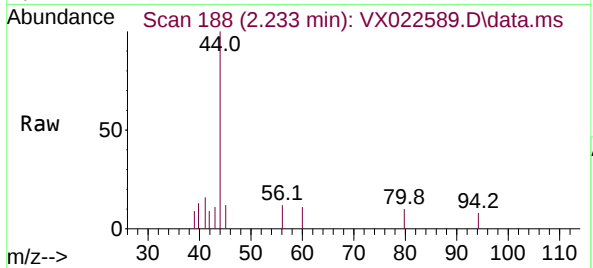




#13
Acrolein
Concen: 3.724 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

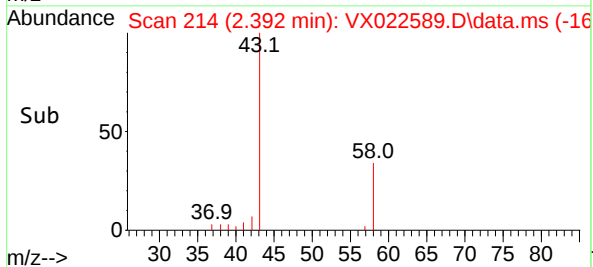
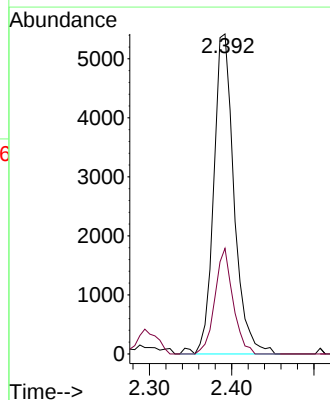
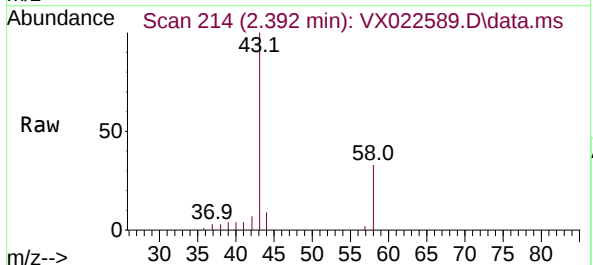
Instrument :
MSVOA_X
ClientSampled :

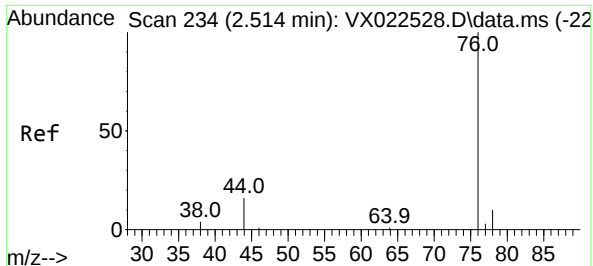
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 163.4 56.4 84.6#



#16
Acetone
Concen: 19.106 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Tgt Ion: 43 Resp: 9303
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8

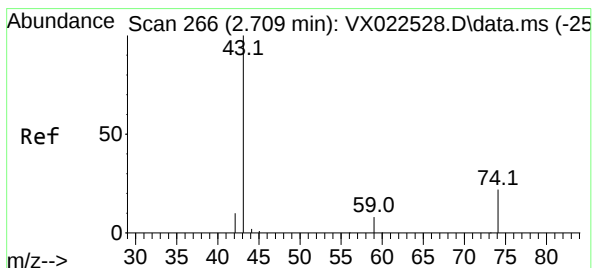
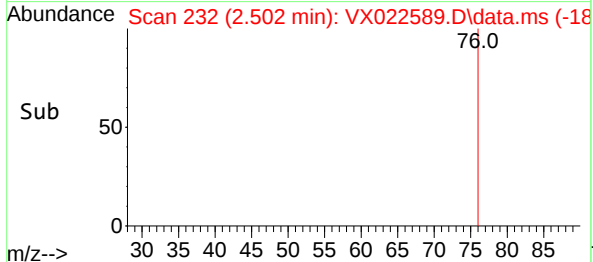
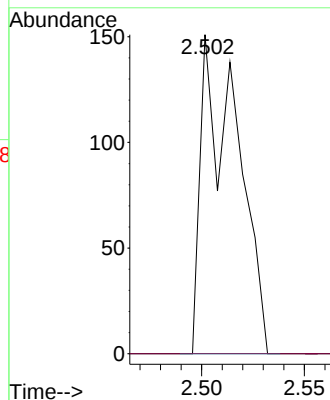
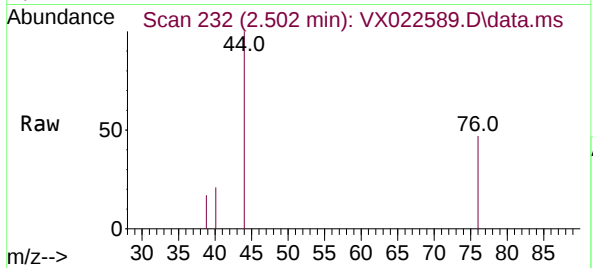




#17
Carbon Disulfide
Concen: 3.473 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

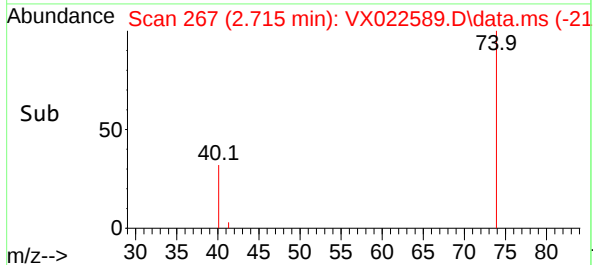
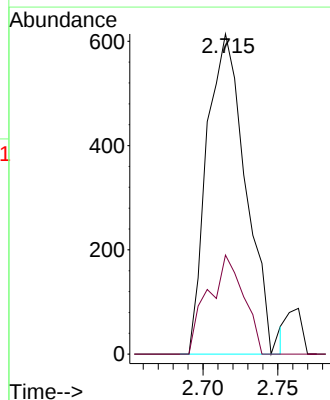
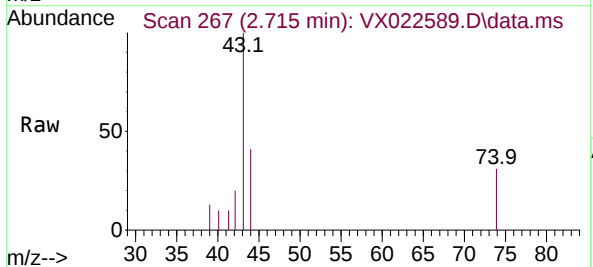
Instrument :
MSVOA_X
ClientSampled :

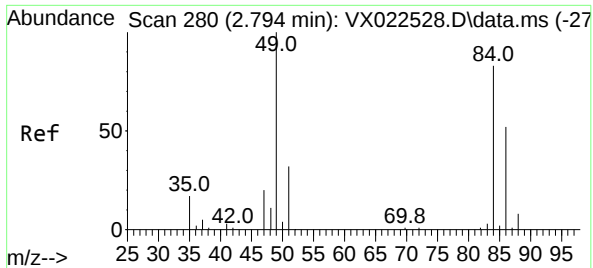
Tgt Ion: 76 Resp: 185
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.832 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
74 28.0 21.9 32.9





#20

Methylene Chloride

Concen: 3.818 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022589.D

Acq: 09 Jun 2021 01:55

Tgt Ion: 84 Resp: 3882

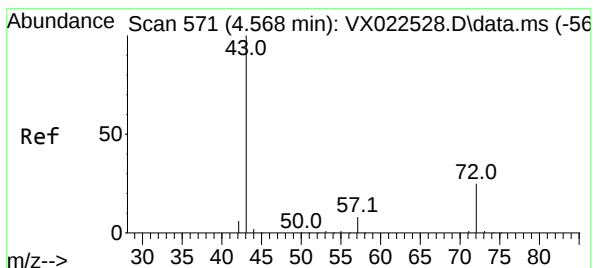
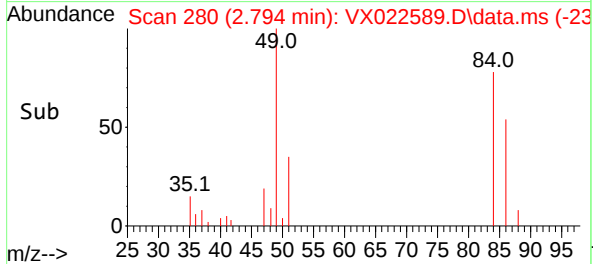
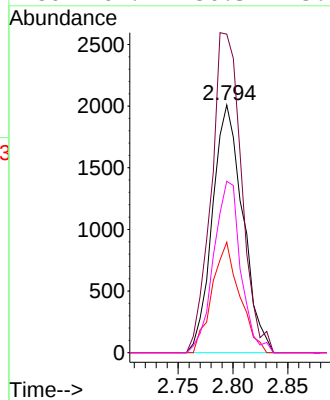
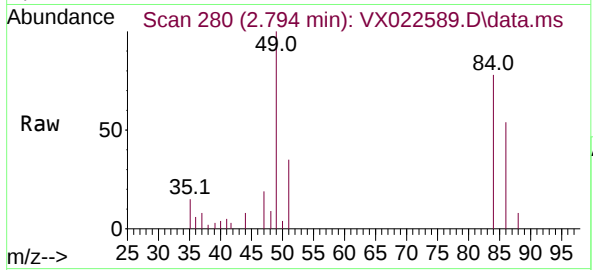
Ion Ratio Lower Upper

84 100

49 128.6 88.6 132.8

51 44.5 27.0 40.6#

86 69.2 50.3 75.5



#25

2-Butanone

Concen: 2.299 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX022589.D

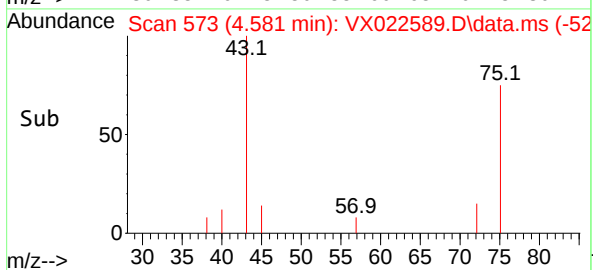
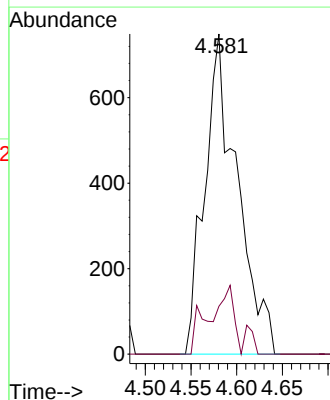
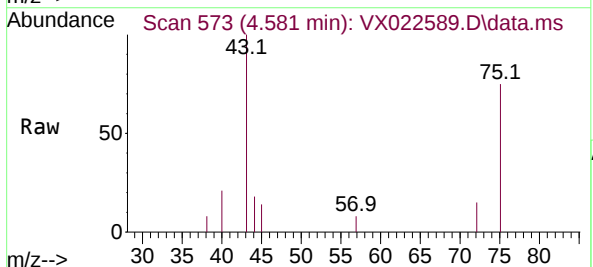
Acq: 09 Jun 2021 01:55

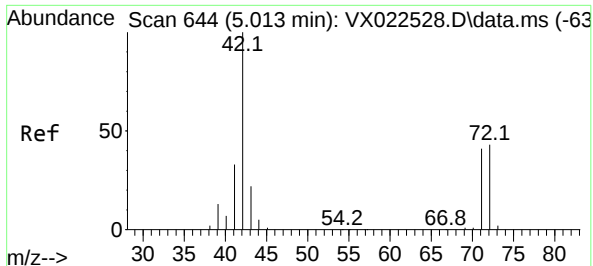
Tgt Ion: 43 Resp: 1850

Ion Ratio Lower Upper

43 100

72 15.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.692 ug/l

RT: 5.032 min Scan# 647

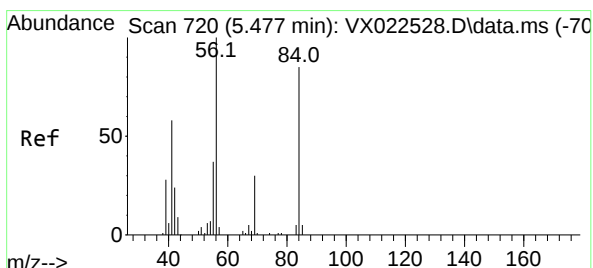
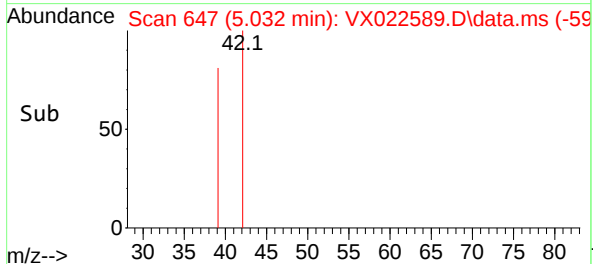
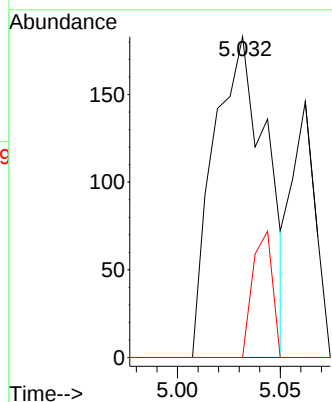
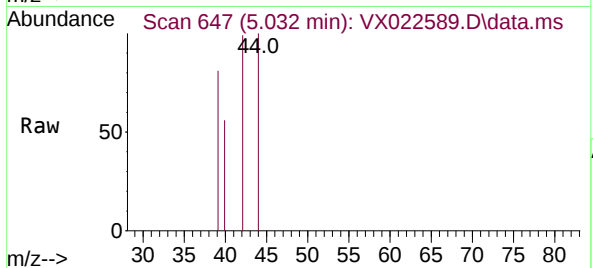
Delta R.T. 0.019 min

Lab File: VX022589.D

Acq: 09 Jun 2021 01:55

Tgt Ion:	42	Resp:	327
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	14.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.313 ug/l

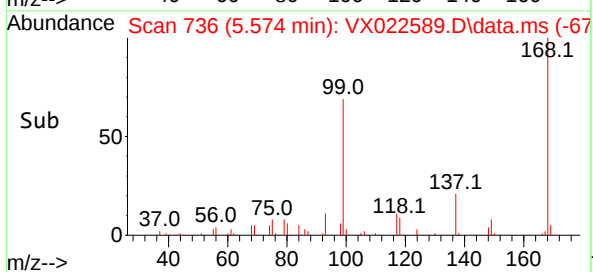
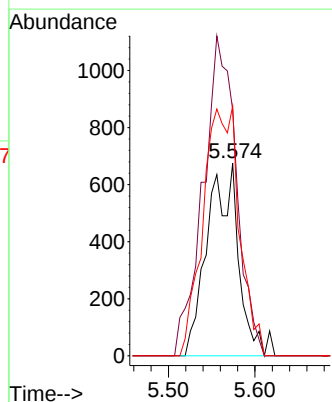
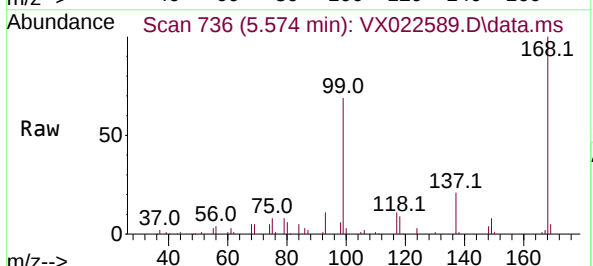
RT: 5.574 min Scan# 736

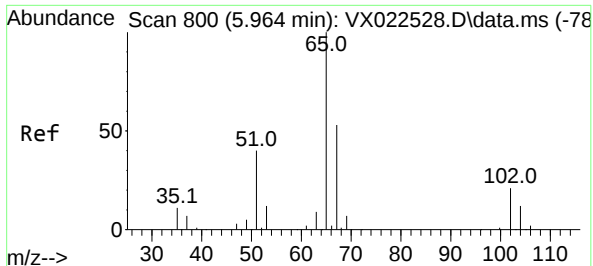
Delta R.T. 0.097 min

Lab File: VX022589.D

Acq: 09 Jun 2021 01:55

Tgt Ion:	56	Resp:	1683
Ion	Ratio	Lower	Upper
56	100		
69	127.7	25.3	37.9#
84	129.8	71.4	107.0#



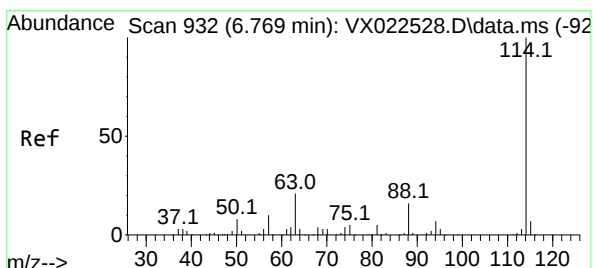
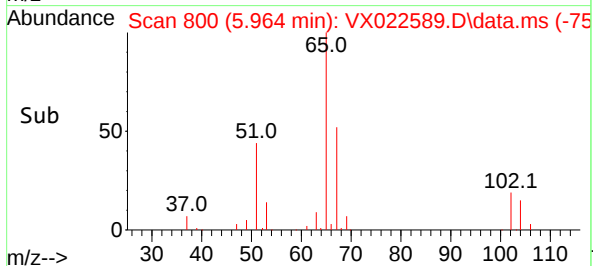
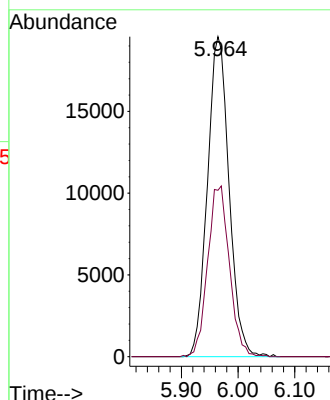
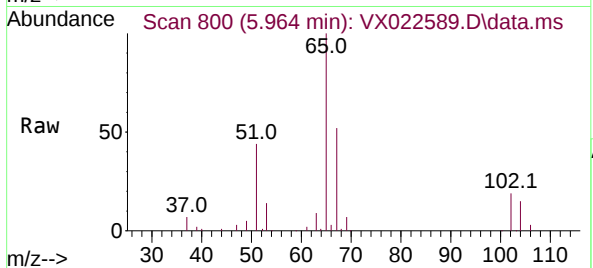


#33

1,2-Dichloroethane-d4
Concen: 47.833 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Instrument :
MSVOA_X
ClientSampleId :

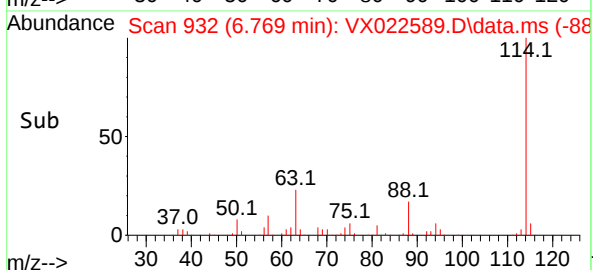
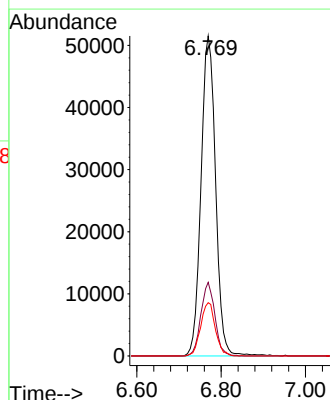
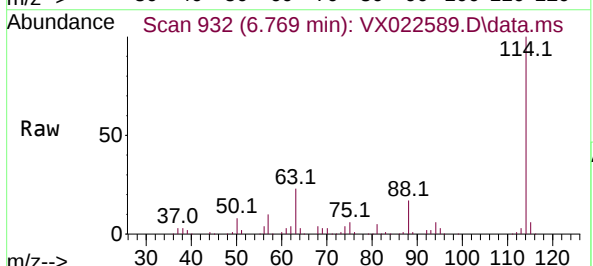
Tgt Ion: 65 Resp: 51834
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

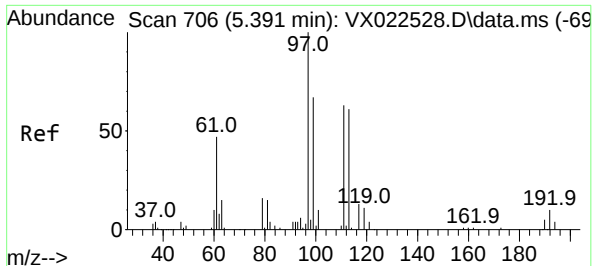


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Tgt Ion: 114 Resp: 124061
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.410 ug/l

RT: 5.397 min Scan# 707

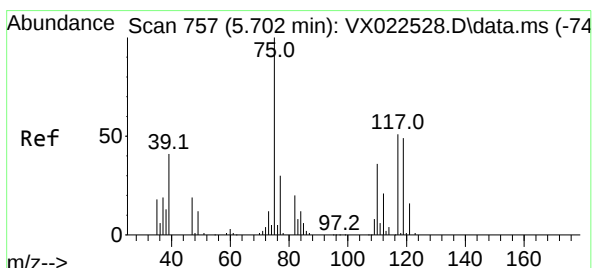
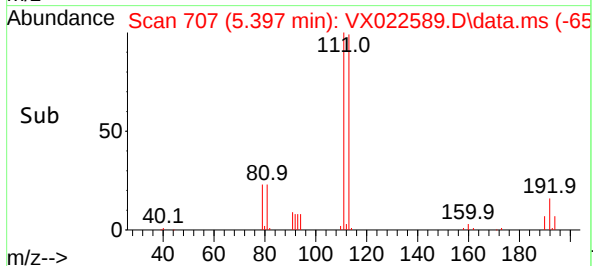
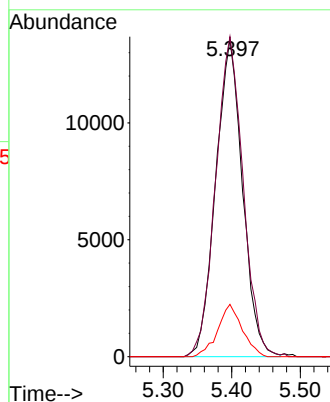
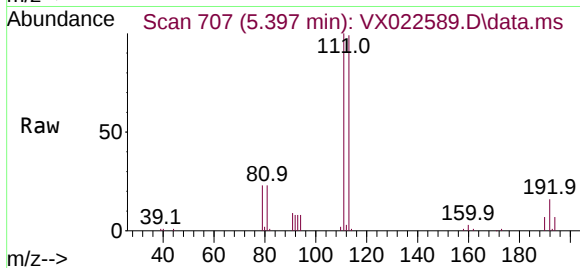
Delta R.T. 0.006 min

Lab File: VX022589.D

Acq: 09 Jun 2021 01:55

Tgt Ion:	113	Resp:	36800
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	15.1	16.7	25.1#

Instrument :
MSVOA_X
ClientSampled :



#36

1,1-Dichloropropene

Concen: 5.133 ug/l

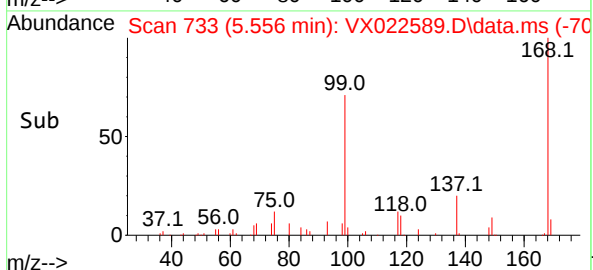
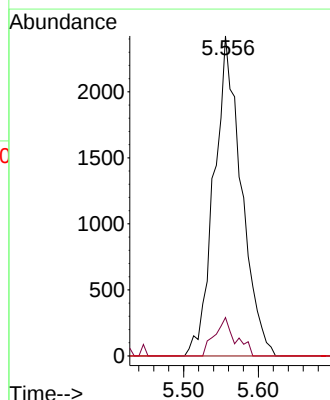
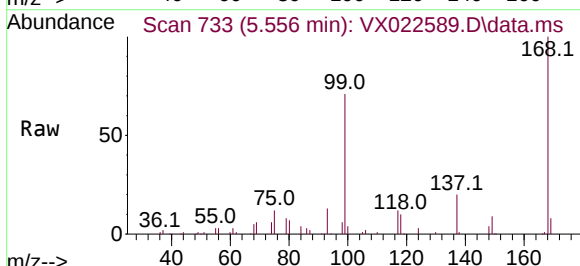
RT: 5.556 min Scan# 733

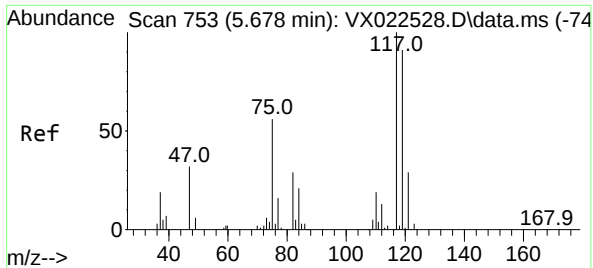
Delta R.T. -0.146 min

Lab File: VX022589.D

Acq: 09 Jun 2021 01:55

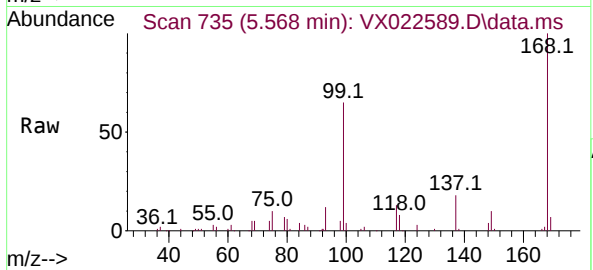
Tgt Ion:	75	Resp:	6160
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	25.3	37.9#



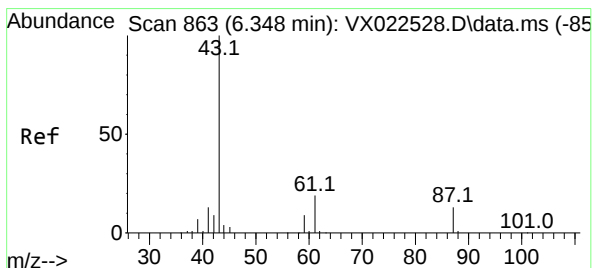
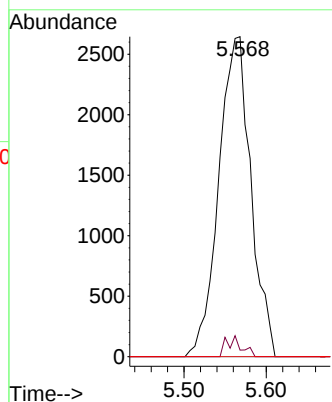
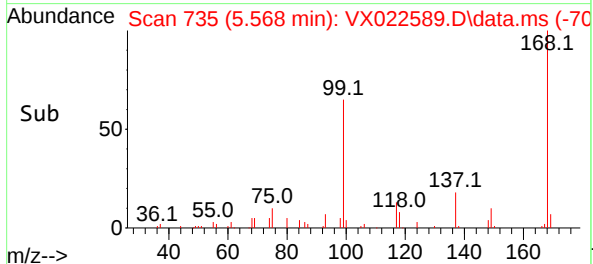


#38
Carbon Tetrachloride
Concen: 8.241 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

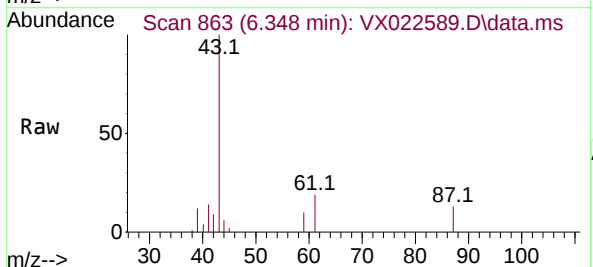
Instrument :
MSVOA_X
ClientSampleId :



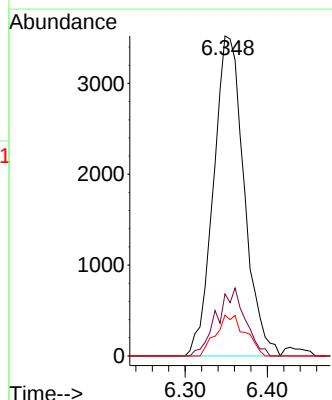
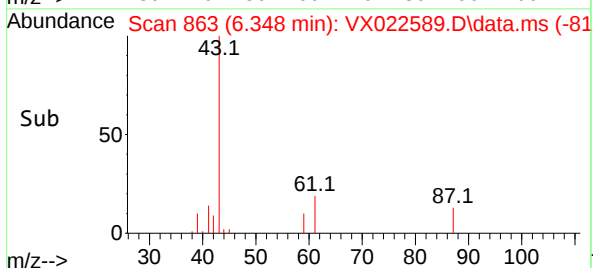
Tgt Ion:117 Resp: 7165
Ion Ratio Lower Upper
117 100
119 2.0 76.2 114.2#
121 0.0 24.8 37.2#

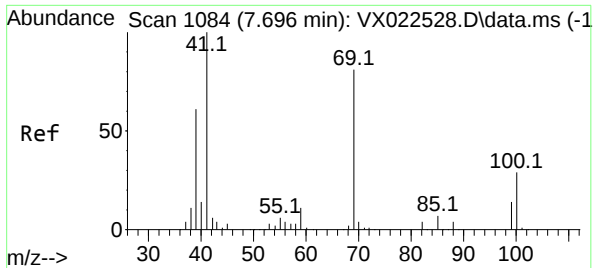


#43
Isopropyl Acetate
Concen: 3.643 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55



Tgt Ion: 43 Resp: 9097
Ion Ratio Lower Upper
43 100
61 20.0 18.2 27.4
87 12.2 12.5 18.7#

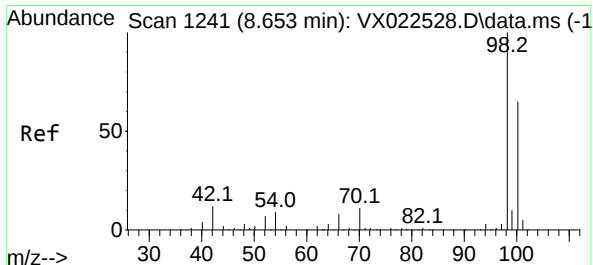
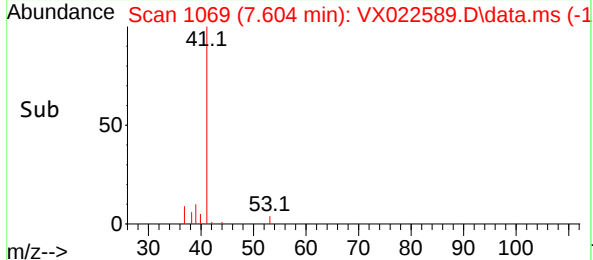
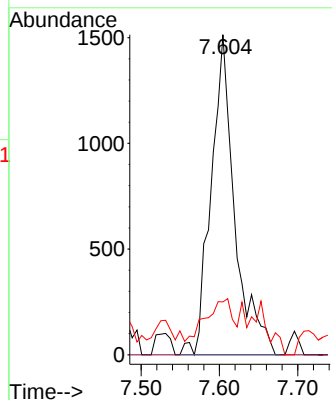
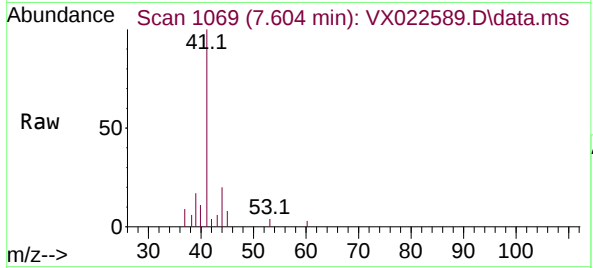




#48
Methyl methacrylate
Concen: 2.739 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

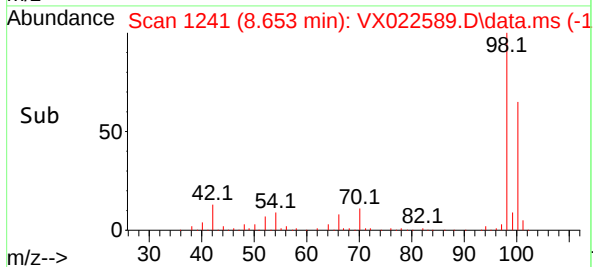
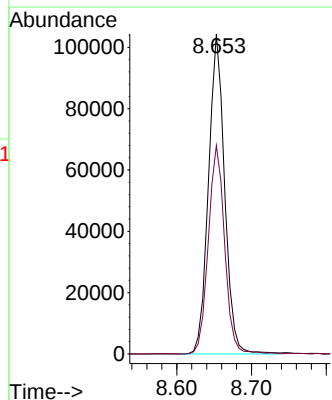
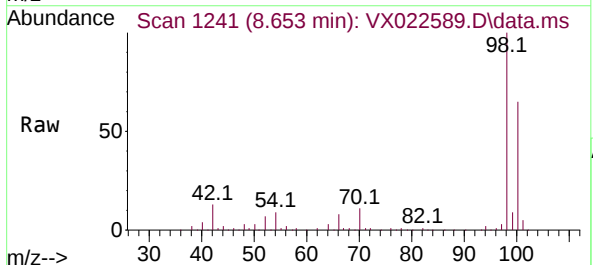
Instrument :
MSVOA_X
ClientSampleId :

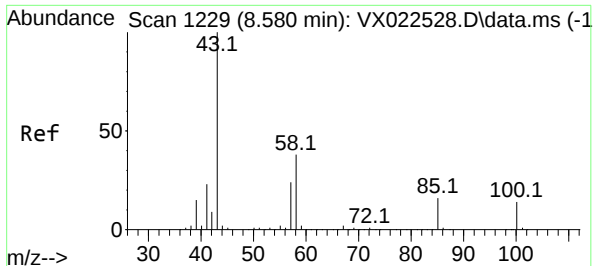
Tgt Ion: 41 Resp: 3183
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.583 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Tgt Ion: 98 Resp: 156662
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

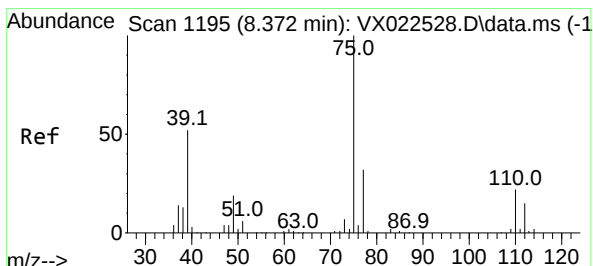
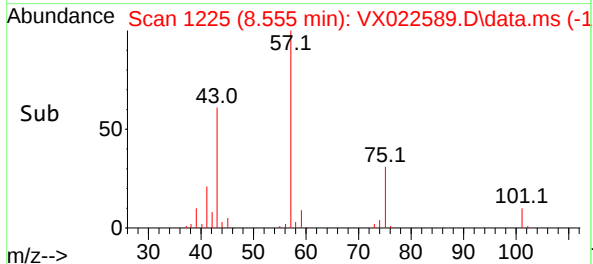
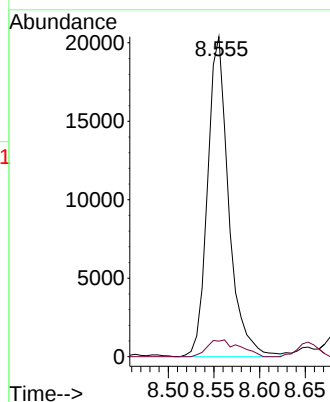
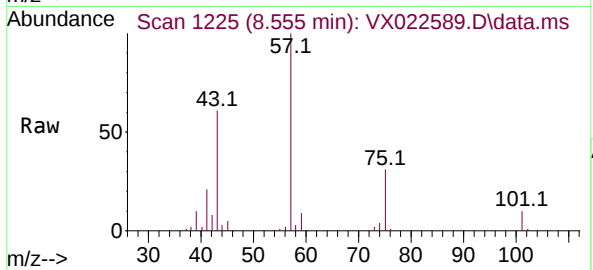




#51
4-Methyl-2-Pentanone
Concen: 21.001 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

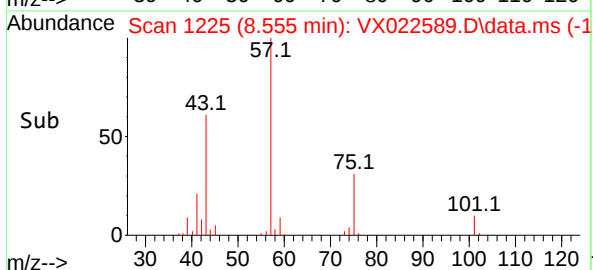
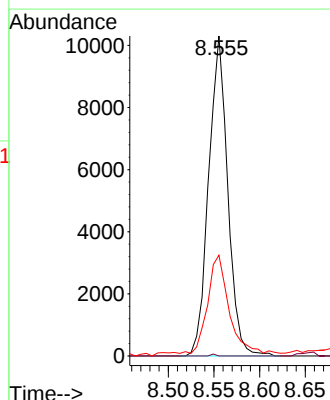
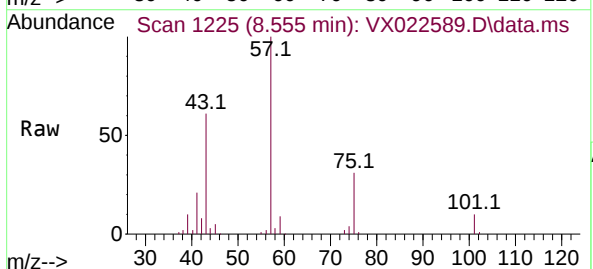
Instrument :
MSVOA_X
ClientSampled :

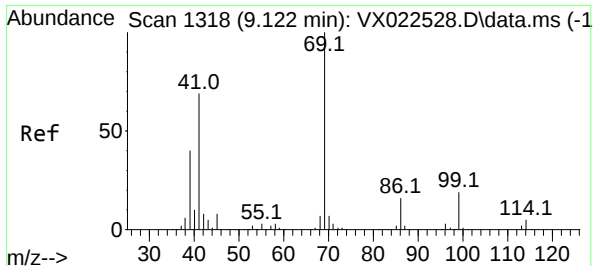
Tgt Ion: 43 Resp: 32671
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.238 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Tgt Ion: 75 Resp: 14935
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.7 35.1 52.7#





#56

Ethyl methacrylate

Concen: 2.876 ug/l

RT: 9.354 min Scan# 1356

Delta R.T. 0.232 min

Lab File: VX022589.D

Acq: 09 Jun 2021 01:55

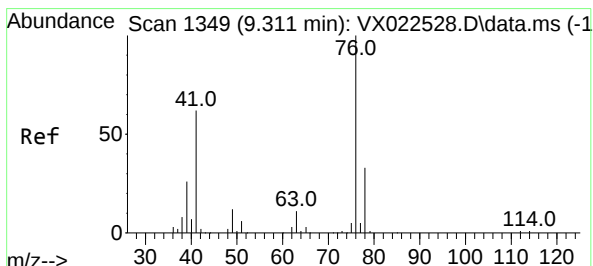
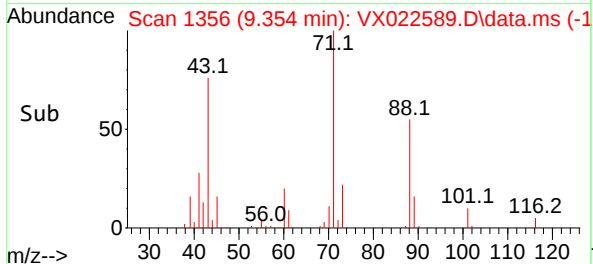
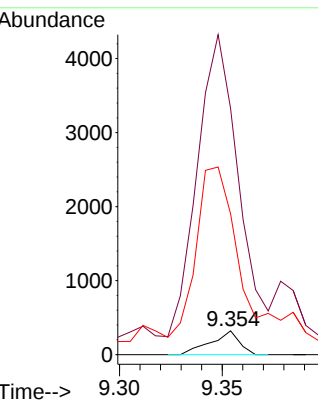
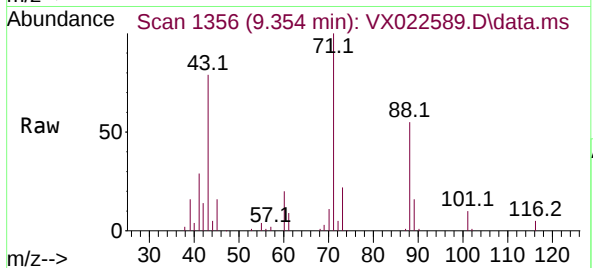
Tgt Ion: 69 Resp: 312

Ion Ratio Lower Upper

69 100

41 2034.3 46.8 70.2#

39 1295.2 24.7 37.1#



#57

1,3-Dichloropropane

Concen: 5.401 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX022589.D

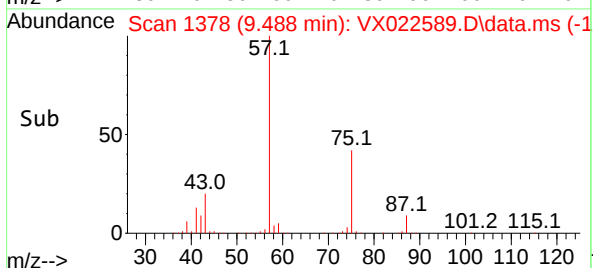
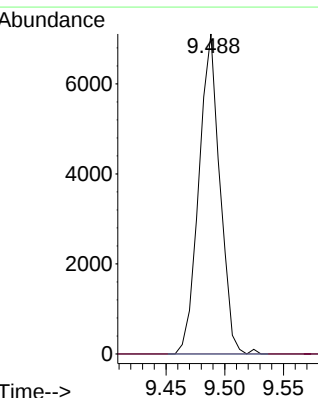
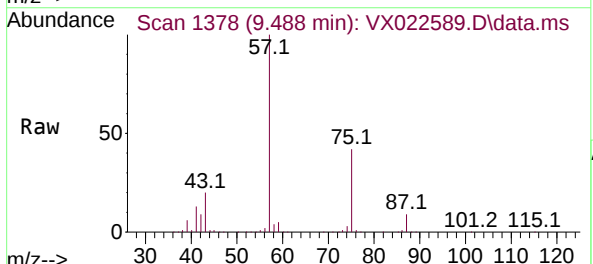
Acq: 09 Jun 2021 01:55

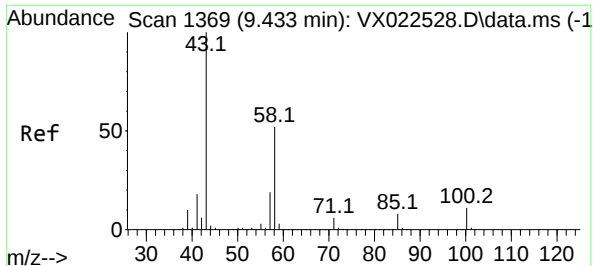
Tgt Ion: 76 Resp: 8849

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#

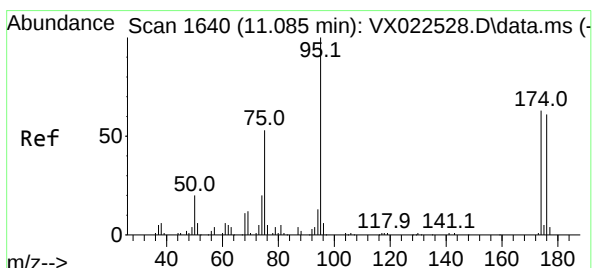
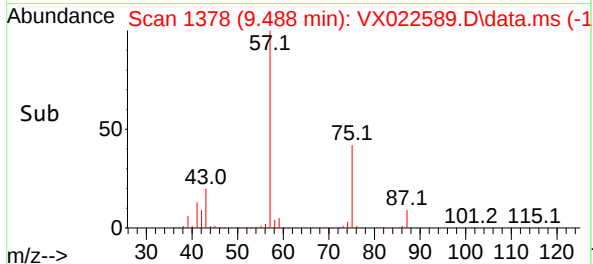
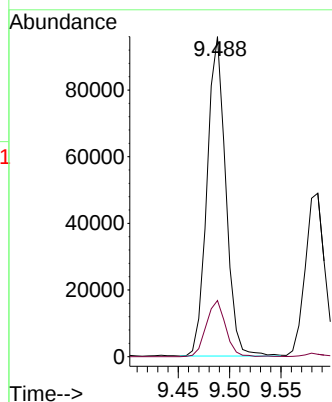
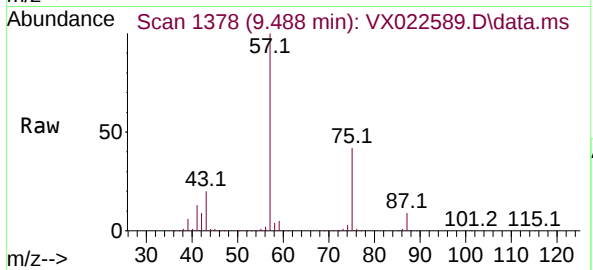




#59
2-Hexanone
Concen: 102.363 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

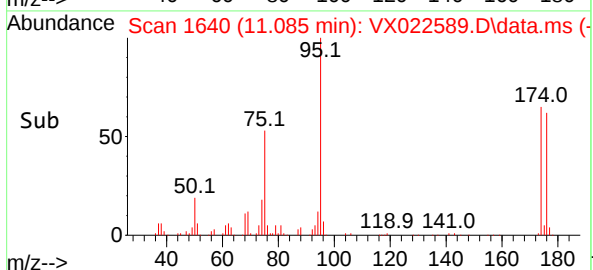
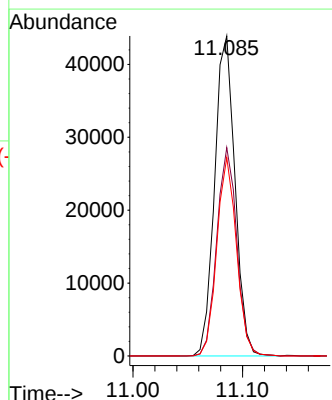
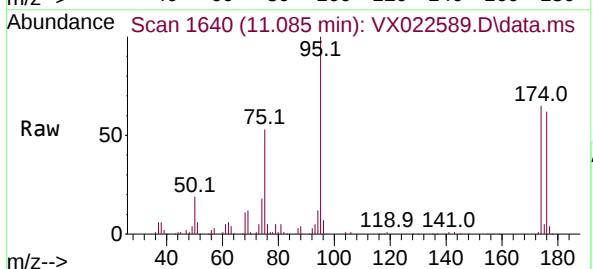
Instrument :
MSVOA_X
ClientSampled :

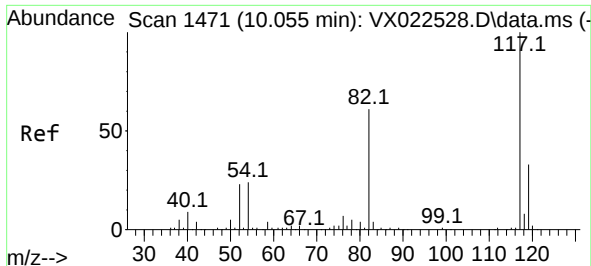
Tgt Ion: 43 Resp: 121651
Ion Ratio Lower Upper
43 100
58 18.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.243 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Tgt Ion: 95 Resp: 56688
Ion Ratio Lower Upper
95 100
174 64.2 0.0 154.6
176 59.9 0.0 155.8

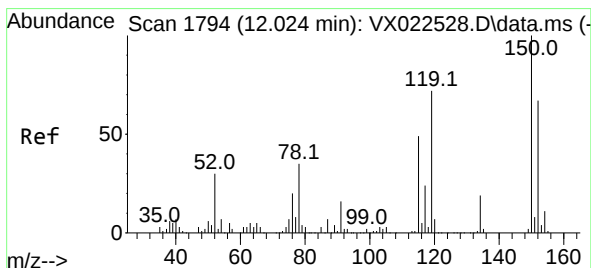
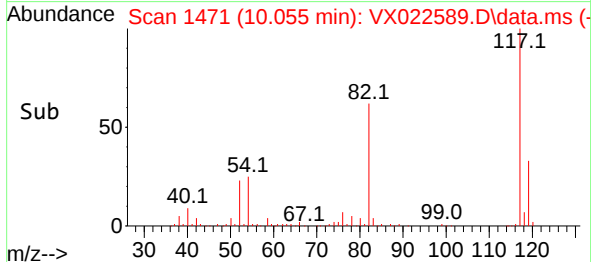
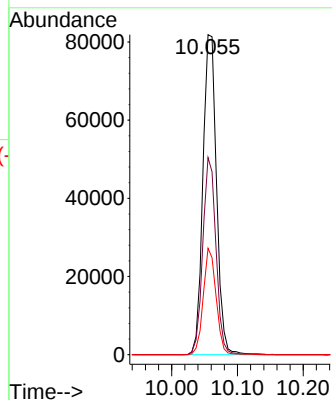
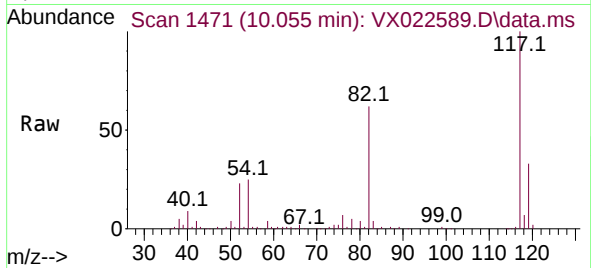




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

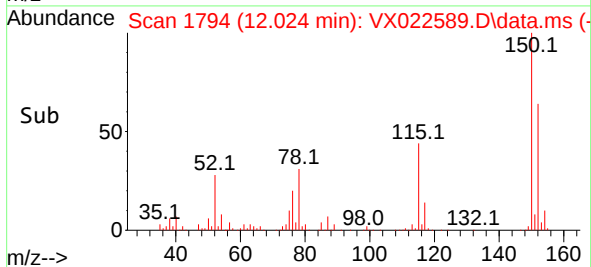
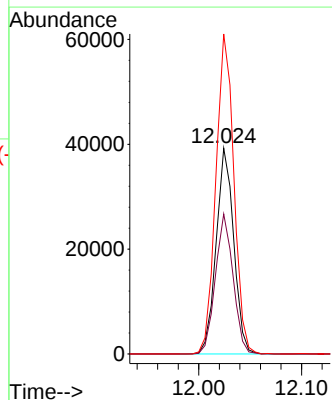
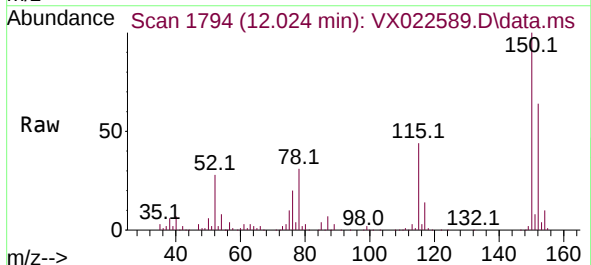
Instrument :
MSVOA_X
ClientSampled :

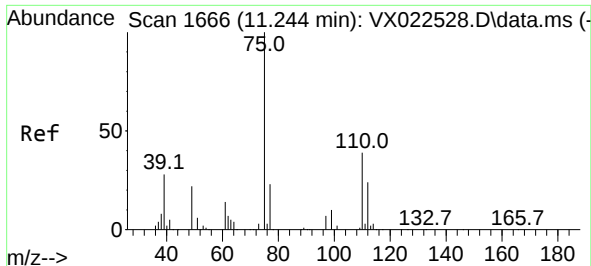
Tgt Ion:117 Resp: 117806
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Tgt Ion:152 Resp: 46689
Ion Ratio Lower Upper
152 100
115 68.2 41.1 123.3
150 158.8 0.0 349.0

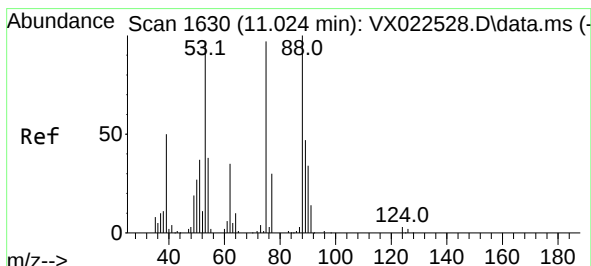
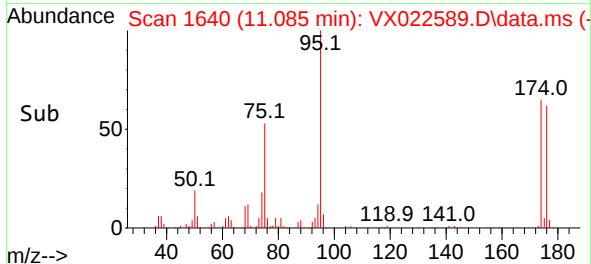
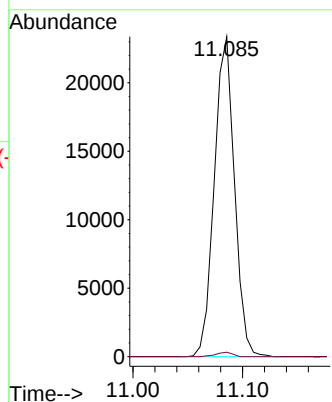
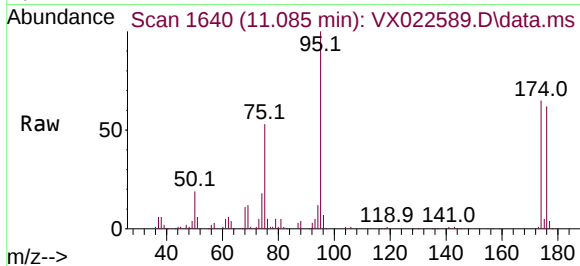




#76
1,2,3-Trichloropropane
Concen: 24.701 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29877
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.196 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022589.D
Acq: 09 Jun 2021 01:55

Tgt Ion: 75 Resp: 29877
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

