

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022588.D
 Acq On : 09 Jun 2021 01:31
 Operator : JC/MD
 Sample : M2625-27
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:04:10 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

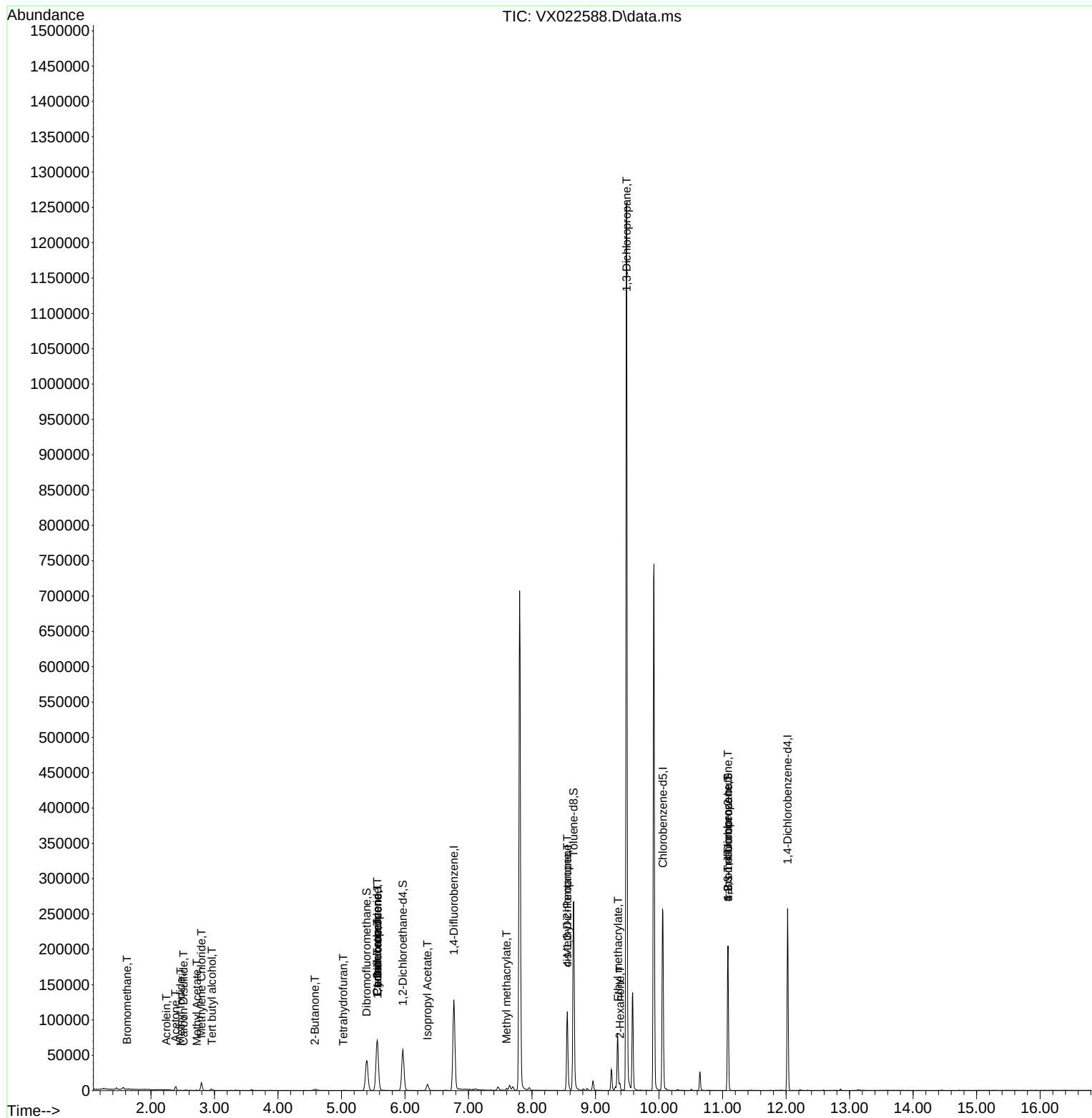
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	59411	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	120956	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	111811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51531	48.790	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.397	113	36064	47.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.653	98	152152	50.388	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.780%
62) 4-Bromofluorobenzene	11.085	95	53756	47.895	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.780%
Target Compounds						
						Qvalue
5) Bromomethane	1.623	94	162	0.378	ug/l	# 2
10) Methyl Iodide	2.465	142	172	0.200	ug/l	# 42
11) Tert butyl alcohol	2.959	59	1334	5.631	ug/l	# 73
13) Acrolein	2.239	56	27	3.356	ug/l	# 14
16) Acetone	2.386	43	5652	11.909	ug/l	# 99
17) Carbon Disulfide	2.514	76	180	3.473	ug/l	# 75
18) Methyl Acetate	2.721	43	653	0.499	ug/l	# 80
20) Methylene Chloride	2.794	84	4204	4.243	ug/l	# 88
25) 2-Butanone	4.580	43	1417	1.807	ug/l	# 45
29) Tetrahydrofuran	5.025	42	155	0.337	ug/l	# 27
31) Cyclohexane	5.562	56	1614	1.292	ug/l	# 3
36) 1,1-Dichloropropene	5.568	75	6182	5.283	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7073	8.317	ug/l	# 16
43) Isopropyl Acetate	6.354	43	11344	4.659	ug/l	# 92
48) Methyl methacrylate	7.598	41	3344	2.952	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	38794	25.578	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	17585	13.034	ug/l	# 60
56) Ethyl methacrylate	9.354	69	384	2.922	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10337	6.471	ug/l	# 42
59) 2-Hexanone	9.384	43	4718	4.072	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	29265	25.526	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	29265	63.045	ug/l	# 12

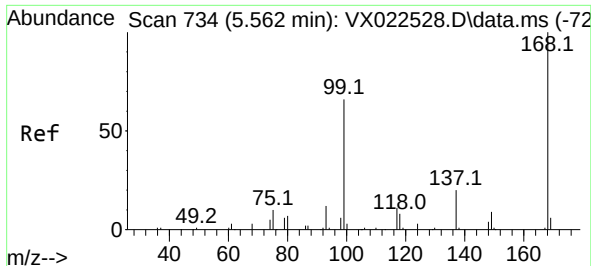
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
Data File : VX022588.D
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Sample : M2625-27
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

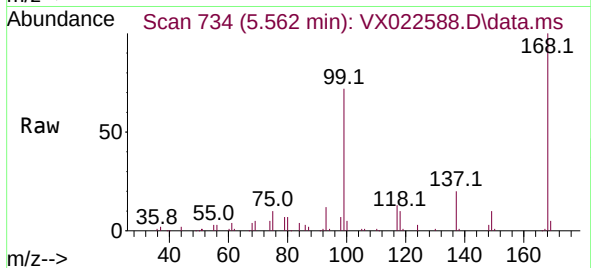
Quant Time: Jun 09 04:04:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



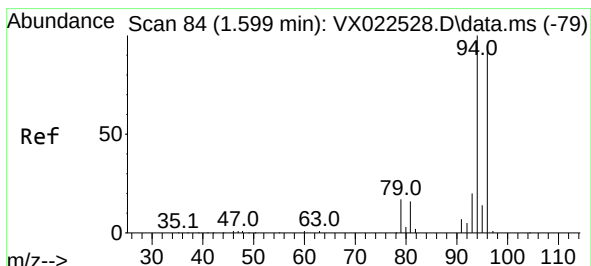
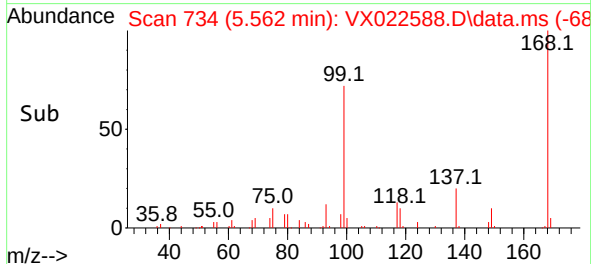
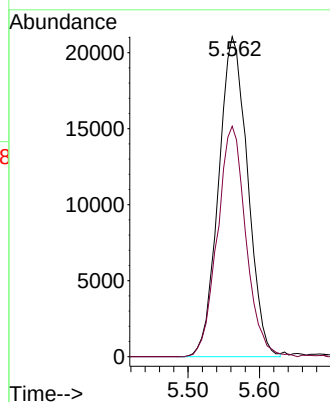


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Instrument :
MSVOA_X
ClientSampled :

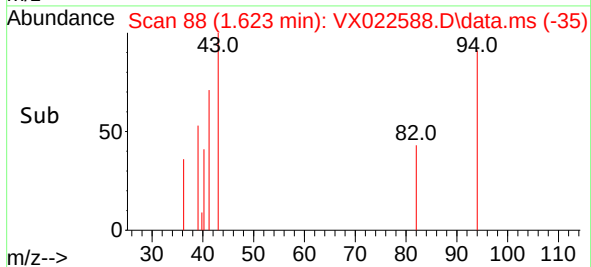
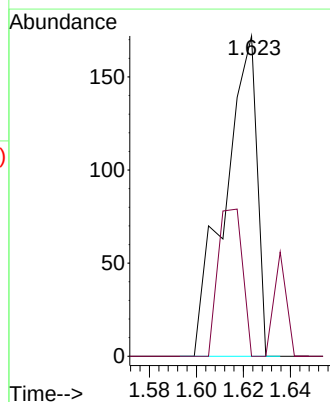
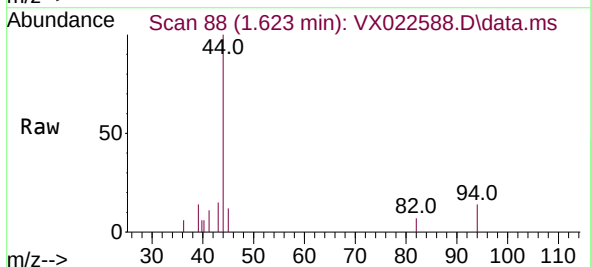


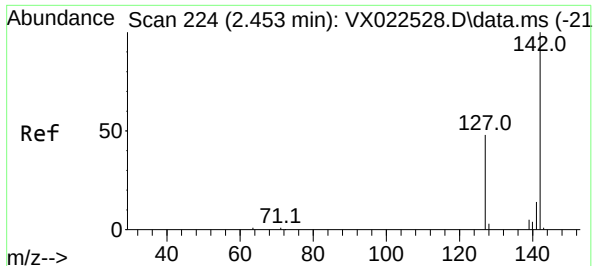
Tgt Ion:168 Resp: 59411
Ion Ratio Lower Upper
168 100
99 72.0 45.8 68.6#



#5
Bromomethane
Concen: 0.378 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

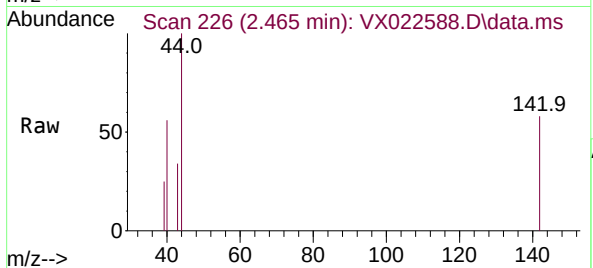
Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



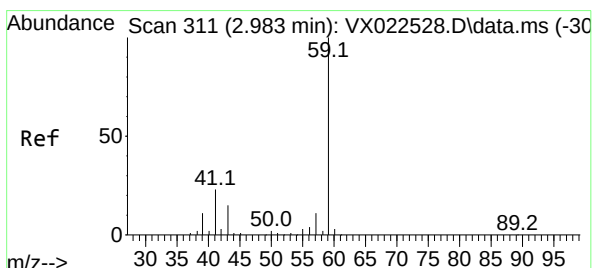
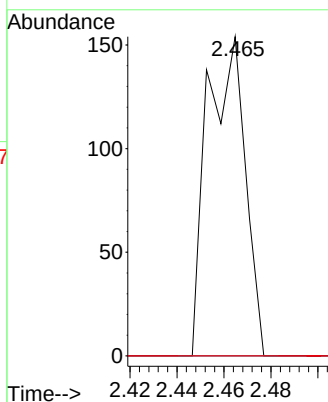
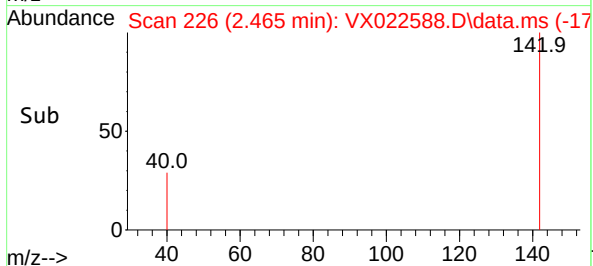


#10
Methyl Iodide
Concen: 0.200 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

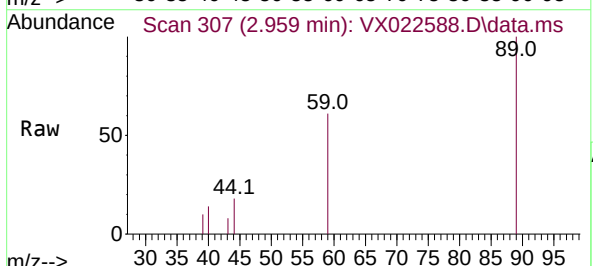
Instrument :
MSVOA_X
ClientSampled :



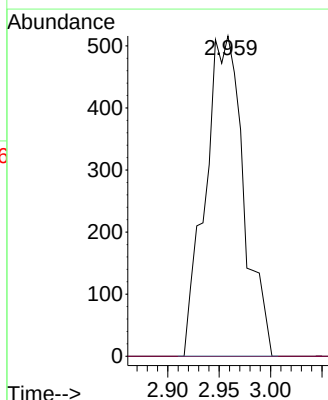
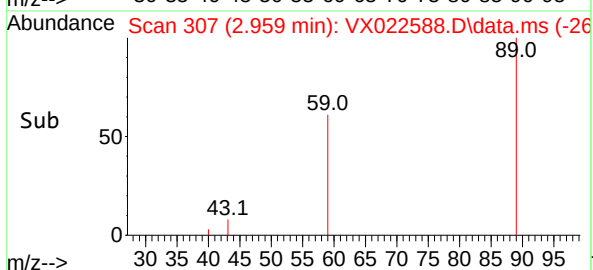
Tgt Ion:142 Resp: 172
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

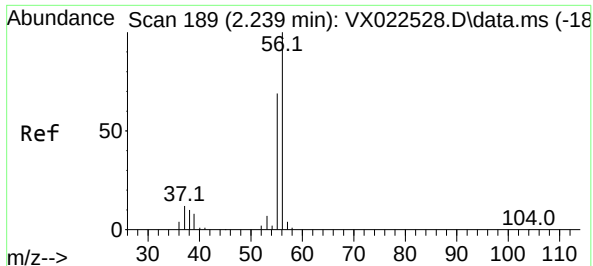


#11
Tert butyl alcohol
Concen: 5.631 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31



Tgt Ion: 59 Resp: 1334
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 3.356 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX022588.D

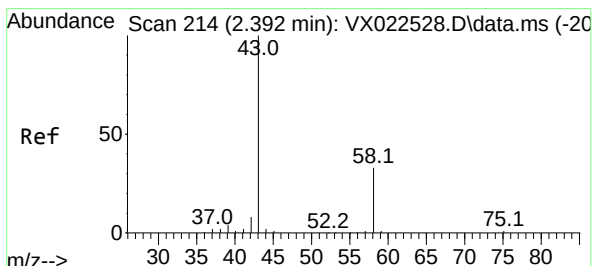
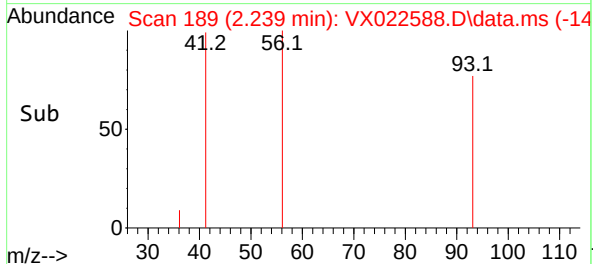
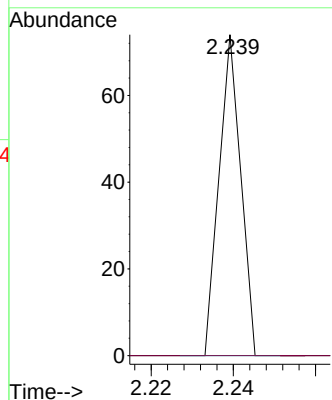
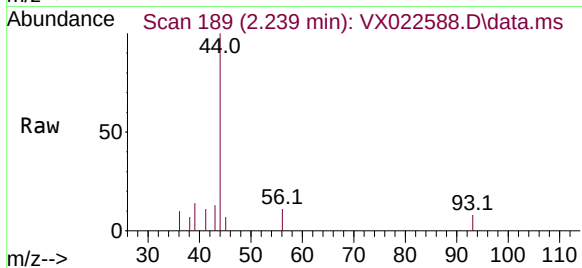
Acq: 09 Jun 2021 01:31

Tgt Ion: 56 Resp: 27

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#16

Acetone

Concen: 11.909 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022588.D

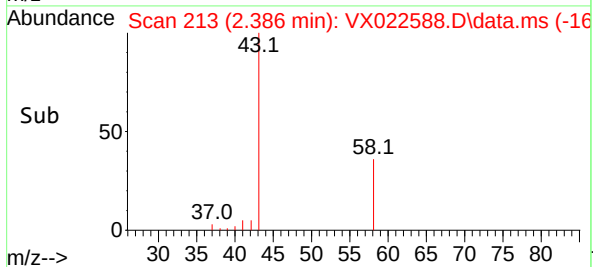
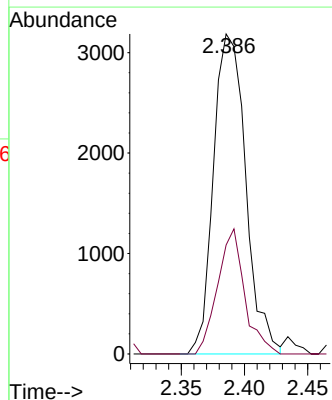
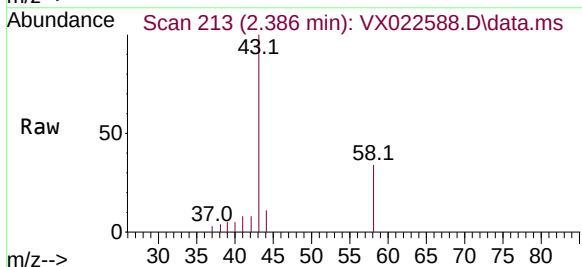
Acq: 09 Jun 2021 01:31

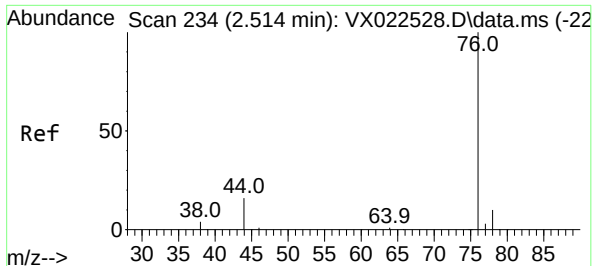
Tgt Ion: 43 Resp: 5652

Ion Ratio Lower Upper

43 100

58 34.1 27.8 41.8

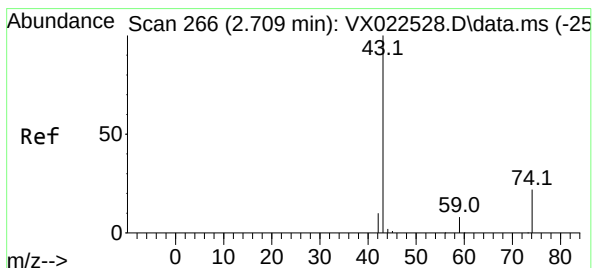
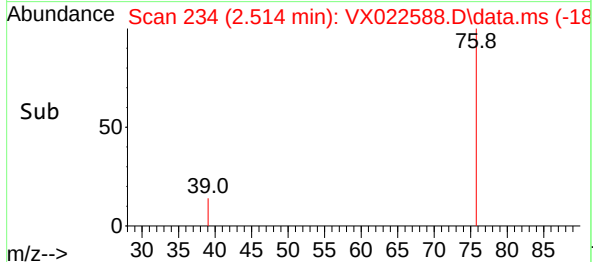
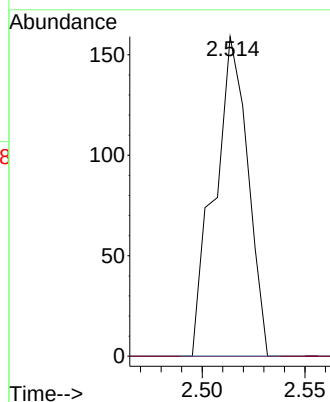
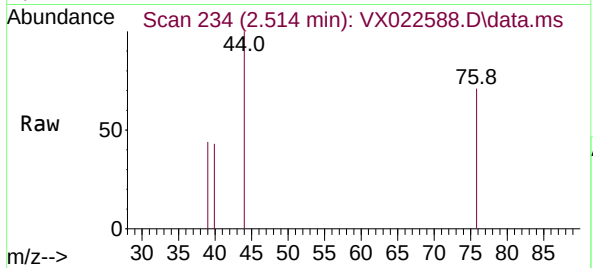




#17
Carbon Disulfide
Concen: 3.473 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

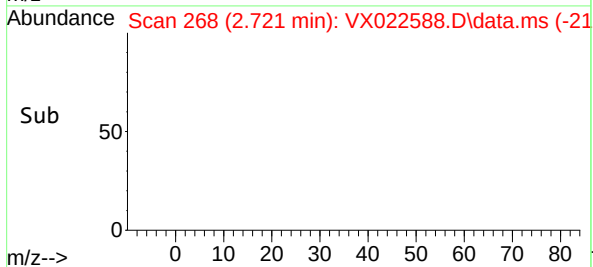
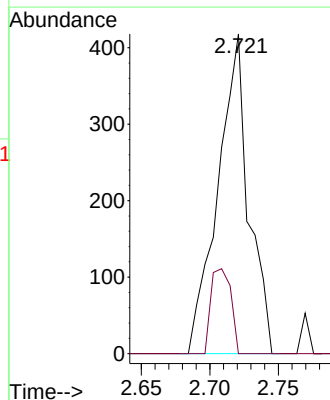
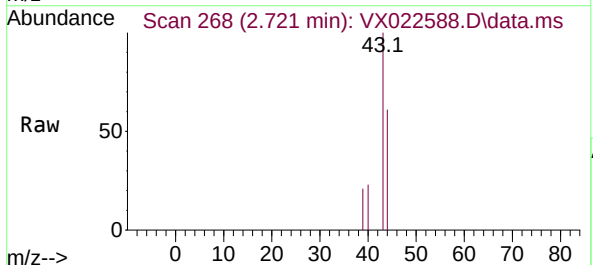
Instrument :
MSVOA_X
ClientSampled :

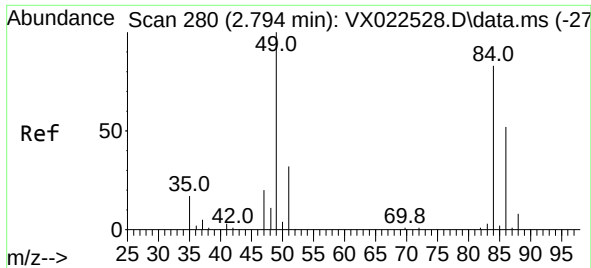
Tgt Ion: 76 Resp: 180
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
74 17.2 21.9 32.9#





#20

Methylene Chloride

Concen: 4.243 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022588.D

Acq: 09 Jun 2021 01:31

Tgt Ion: 84 Resp: 4204

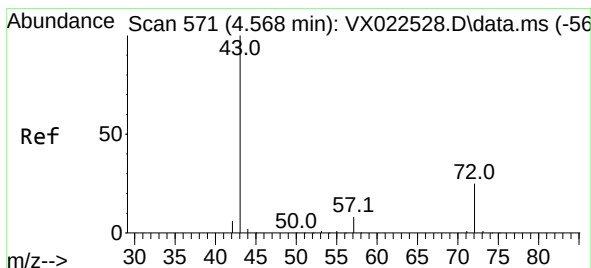
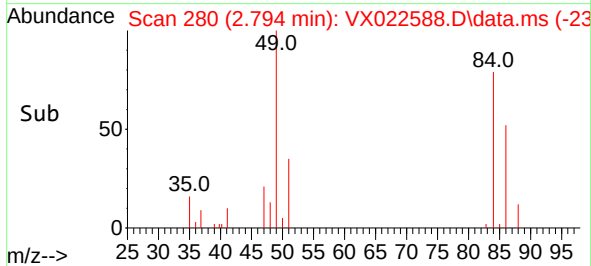
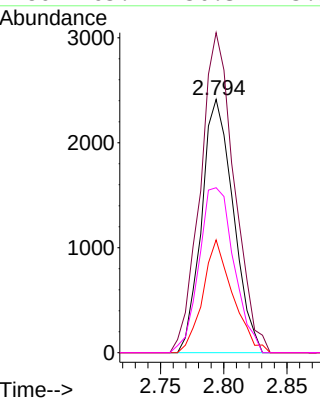
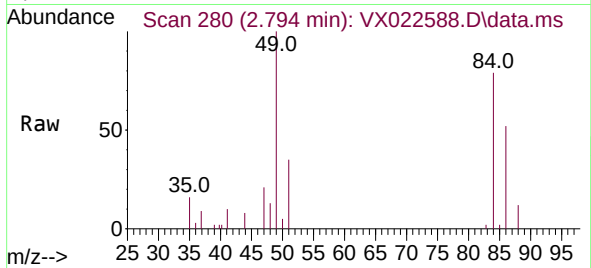
Ion Ratio Lower Upper

84 100

49 126.4 88.6 132.8

51 44.5 27.0 40.6#

86 65.1 50.3 75.5



#25

2-Butanone

Concen: 1.807 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022588.D

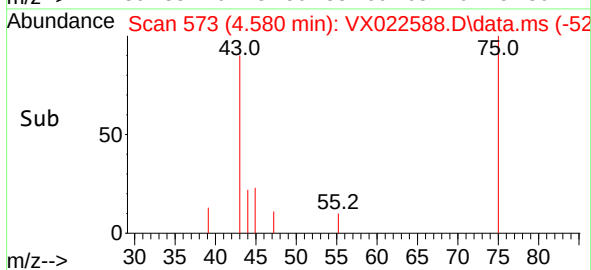
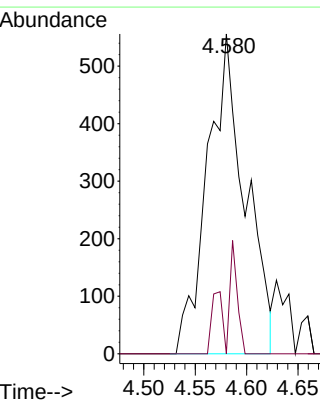
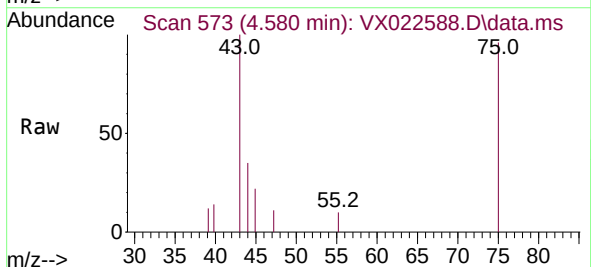
Acq: 09 Jun 2021 01:31

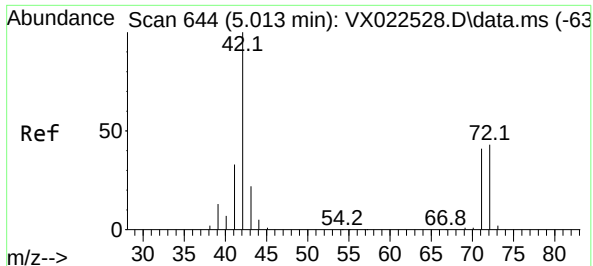
Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.337 ug/l

RT: 5.025 min Scan# 646

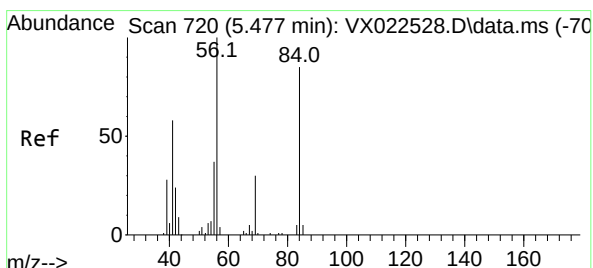
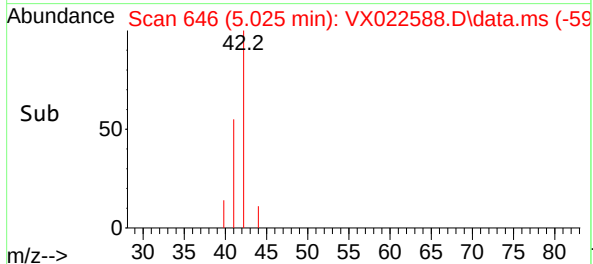
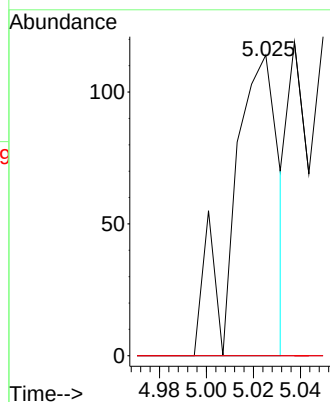
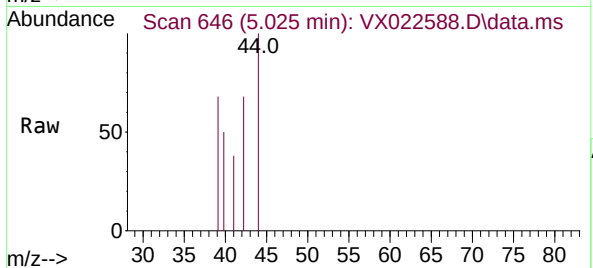
Delta R.T. 0.012 min

Lab File: VX022588.D

Acq: 09 Jun 2021 01:31

Tgt Ion:	42	Resp:	155
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.292 ug/l

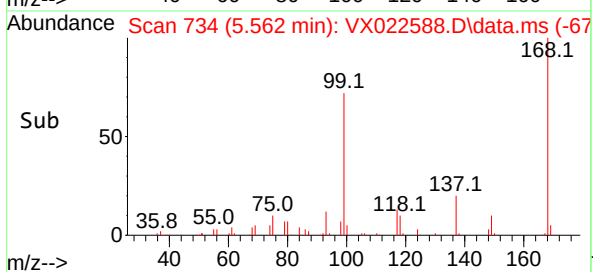
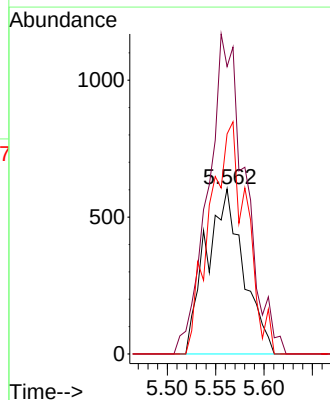
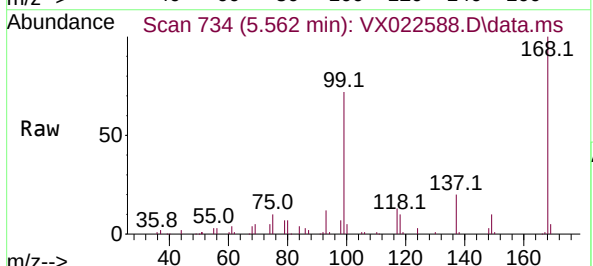
RT: 5.562 min Scan# 734

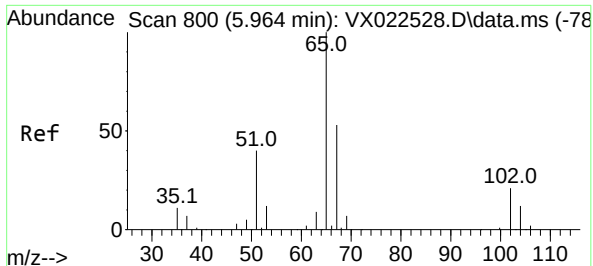
Delta R.T. 0.085 min

Lab File: VX022588.D

Acq: 09 Jun 2021 01:31

Tgt Ion:	56	Resp:	1614
Ion	Ratio	Lower	Upper
56	100		
69	163.3	25.3	37.9#
84	133.3	71.4	107.0#



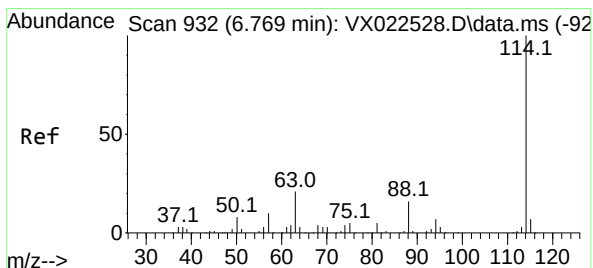
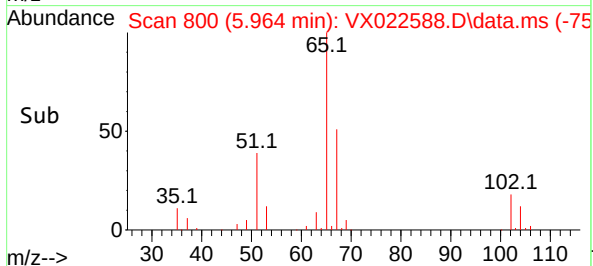
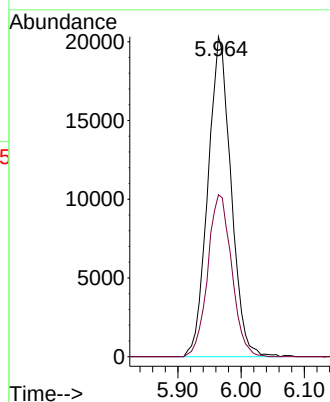
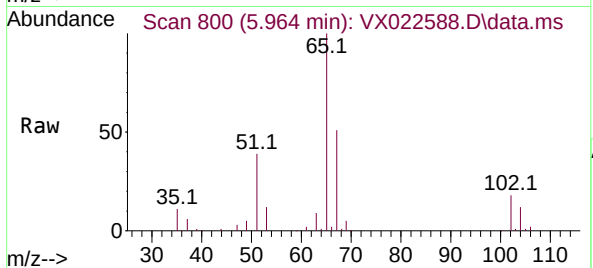


#33

1,2-Dichloroethane-d4
Concen: 48.790 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Instrument :
MSVOA_X
ClientSampled :

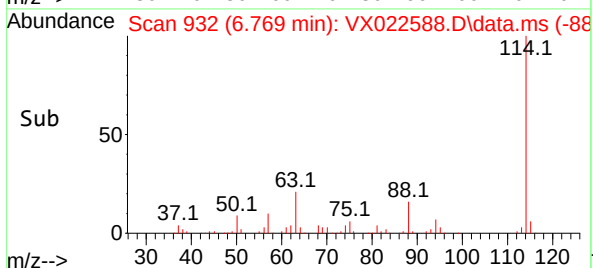
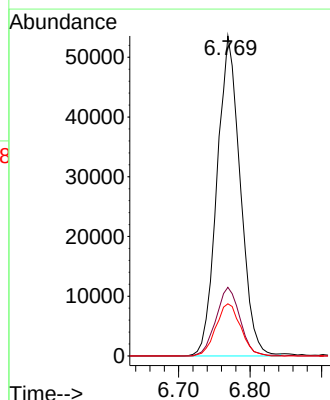
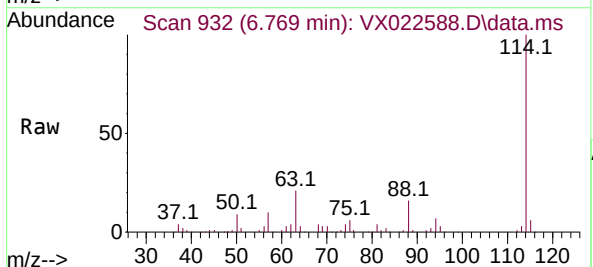
Tgt Ion: 65 Resp: 51531
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

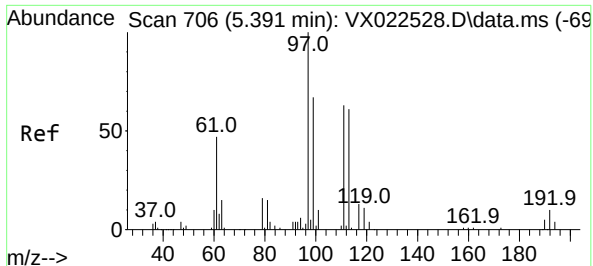


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Tgt Ion: 114 Resp: 120956
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.655 ug/l

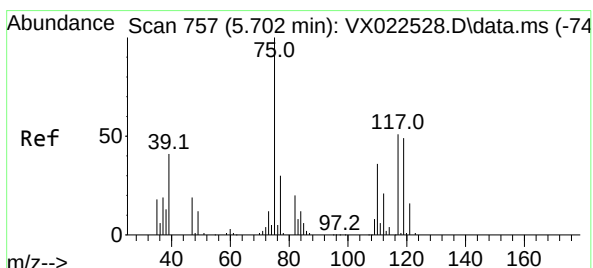
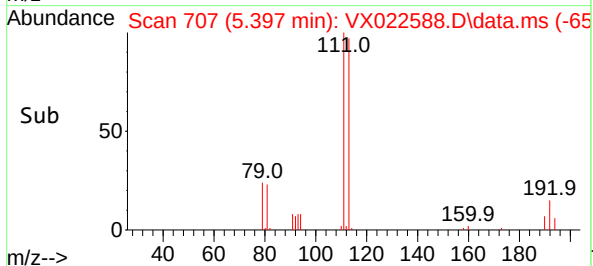
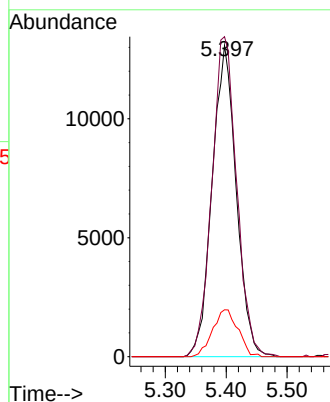
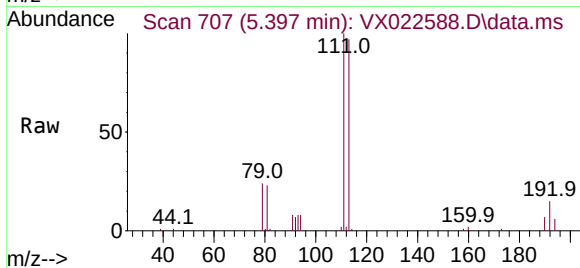
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022588.D

Acq: 09 Jun 2021 01:31

Tgt Ion:	113	Resp:	36064
Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.9	122.9
192	15.9	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.283 ug/l

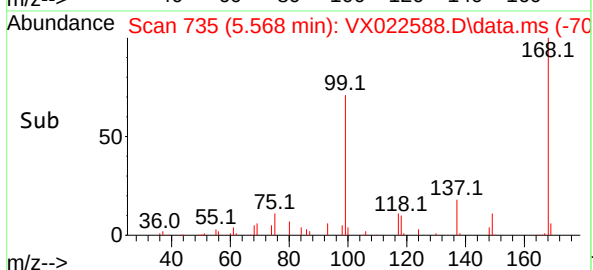
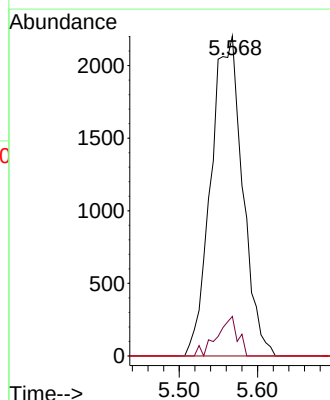
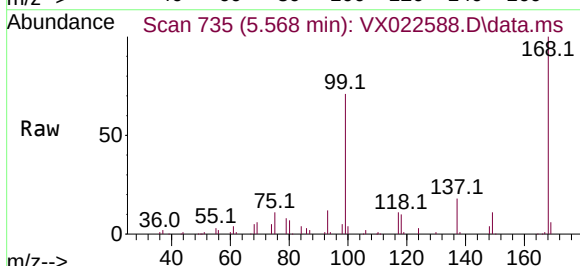
RT: 5.568 min Scan# 735

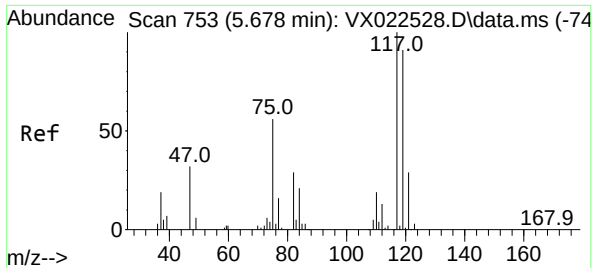
Delta R.T. -0.134 min

Lab File: VX022588.D

Acq: 09 Jun 2021 01:31

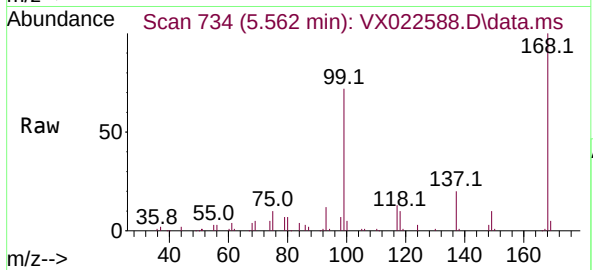
Tgt Ion:	75	Resp:	6182
Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.4#
77	0.0	25.3	37.9#



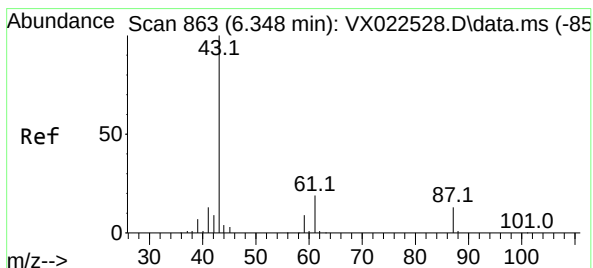
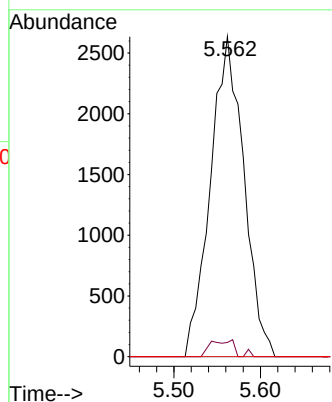
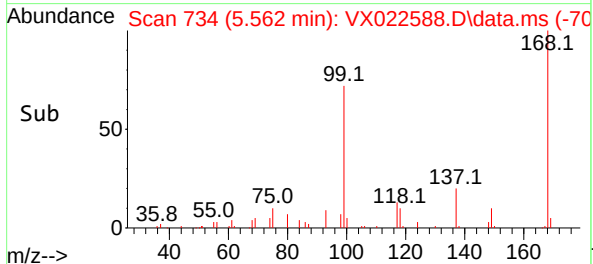


#38
Carbon Tetrachloride
Concen: 8.317 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

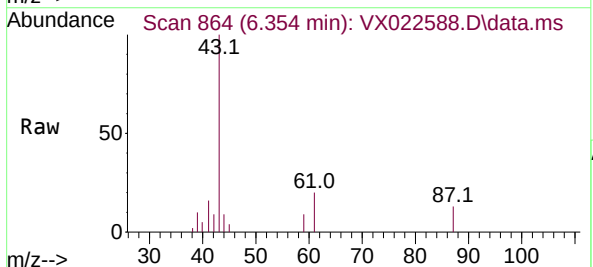
Instrument :
MSVOA_X
ClientSampled :



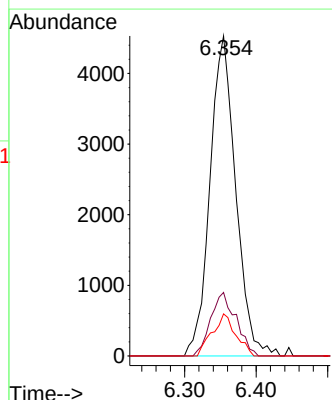
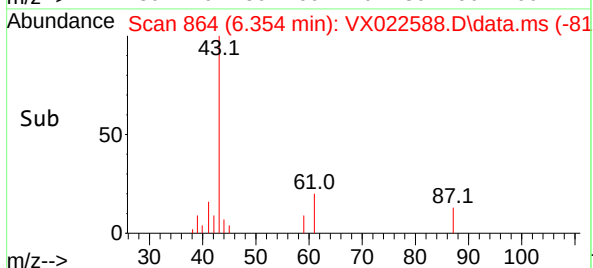
Tgt Ion:117 Resp: 7073
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

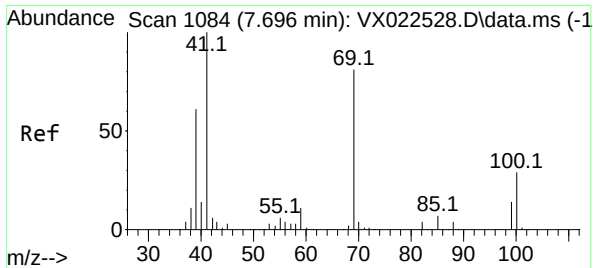


#43
Isopropyl Acetate
Concen: 4.659 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31



Tgt Ion: 43 Resp: 11344
Ion Ratio Lower Upper
43 100
61 19.5 18.2 27.4
87 12.0 12.5 18.7#

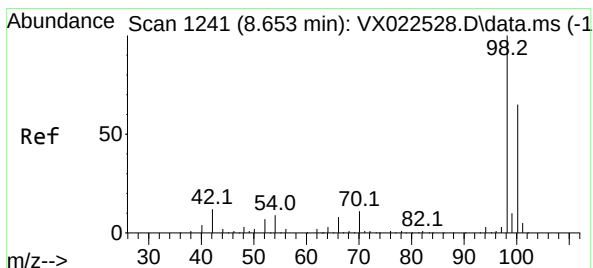
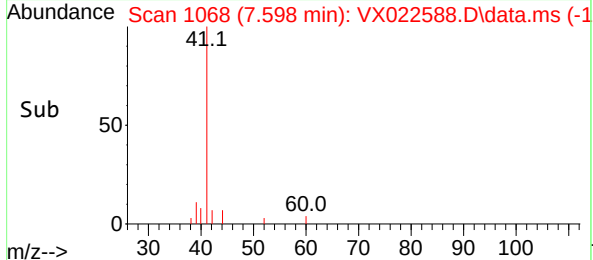
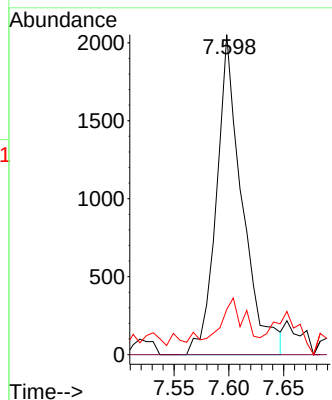
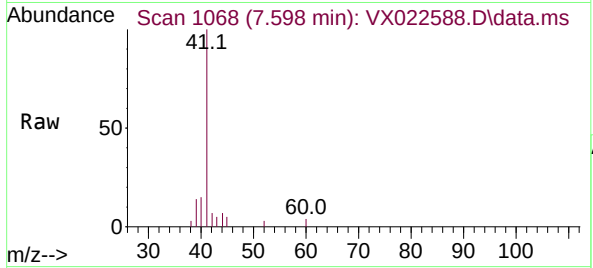




#48
Methyl methacrylate
Concen: 2.952 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

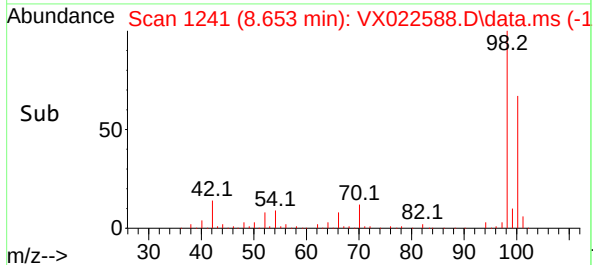
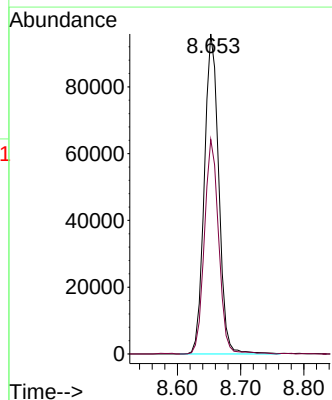
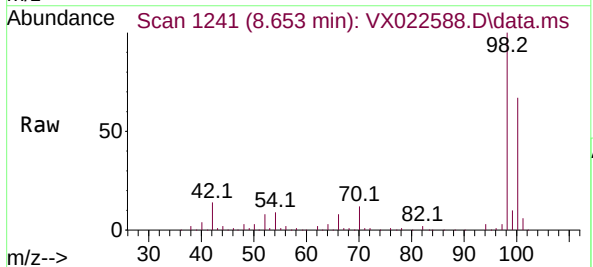
Instrument :
MSVOA_X
ClientSampleId :

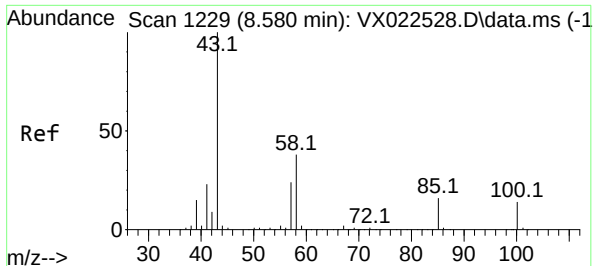
Tgt Ion: 41 Resp: 3344
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.388 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Tgt Ion: 98 Resp: 152152
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

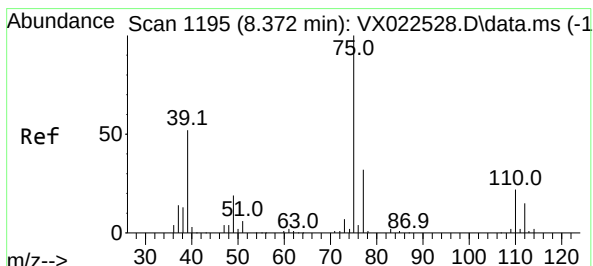
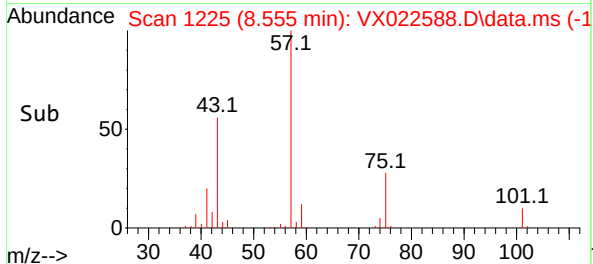
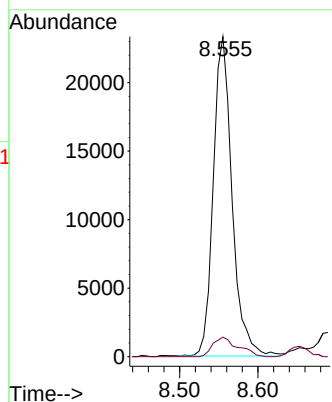
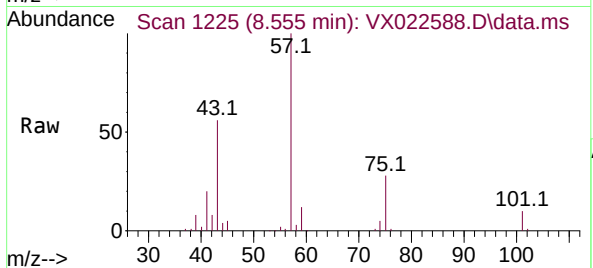




#51
4-Methyl-2-Pentanone
Concen: 25.578 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

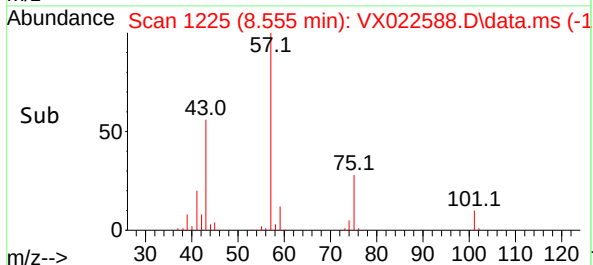
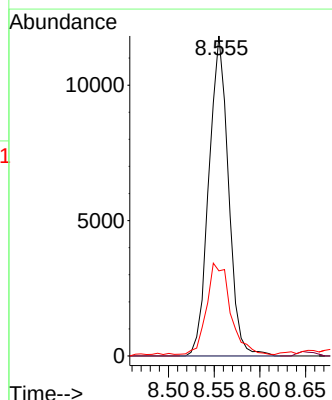
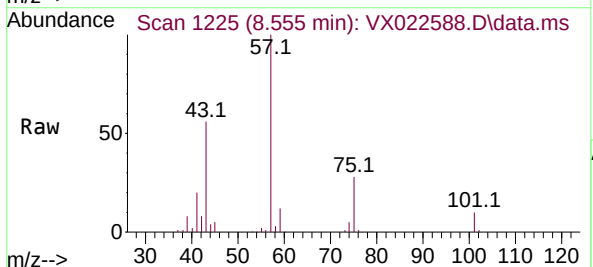
Instrument :
MSVOA_X
ClientSampled :

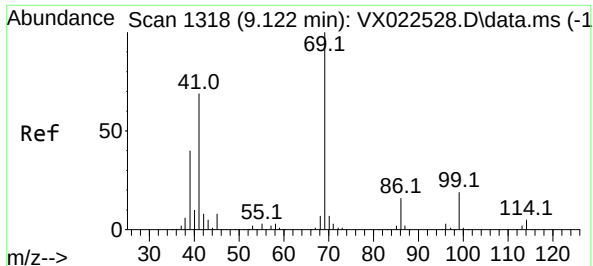
Tgt Ion: 43 Resp: 38794
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.034 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Tgt Ion: 75 Resp: 17585
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 26.1 35.1 52.7#

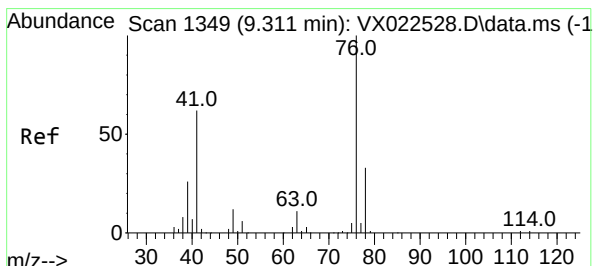
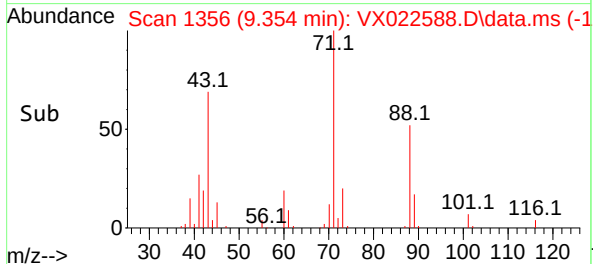
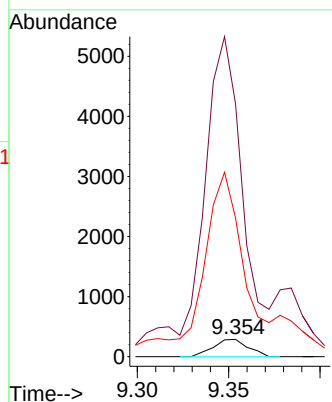
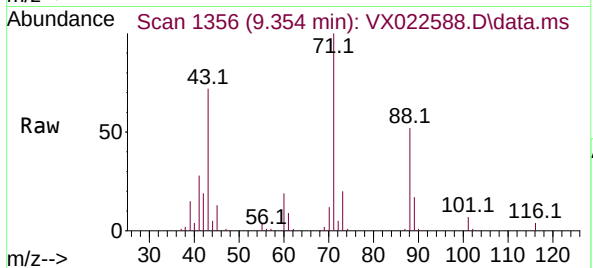




#56
Ethyl methacrylate
Concen: 2.922 ug/l
RT: 9.354 min Scan# 1356
Delta R.T. 0.232 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

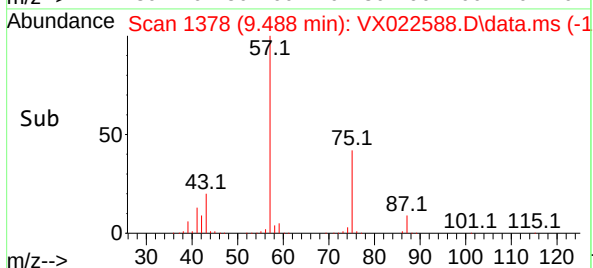
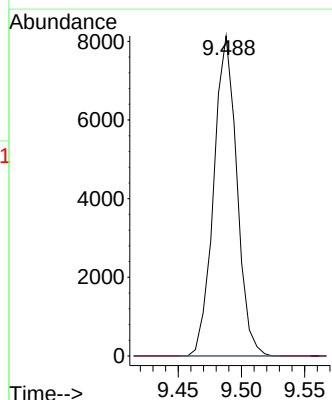
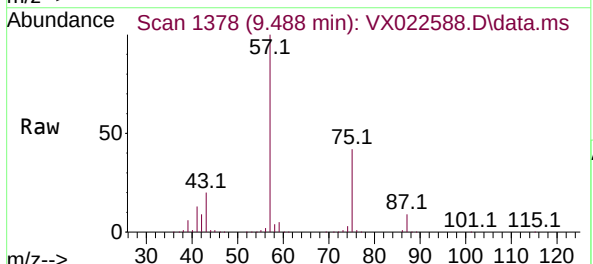
Instrument :
MSVOA_X
ClientSampled :

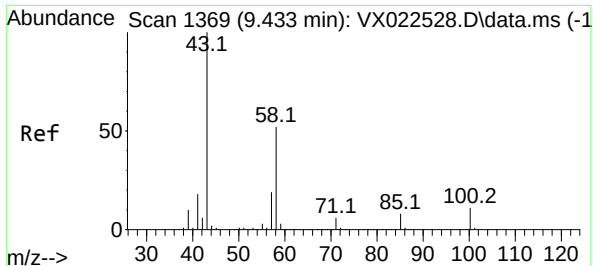
Tgt Ion: 69 Resp: 384
Ion Ratio Lower Upper
69 100
41 2010.7 46.8 70.2#
39 1203.4 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.471 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Tgt Ion: 76 Resp: 10337
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

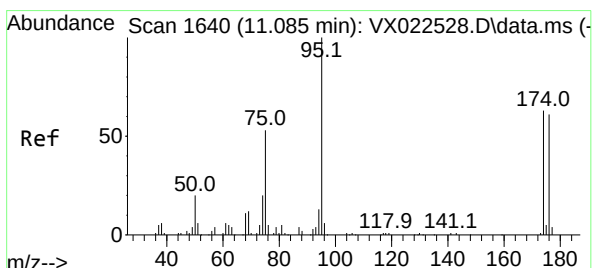
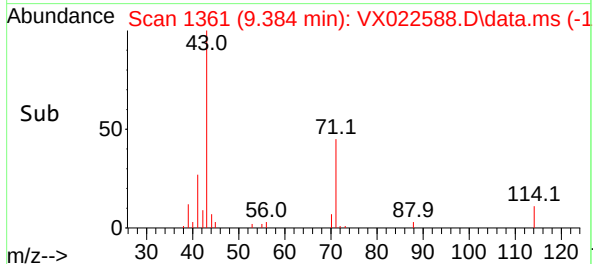
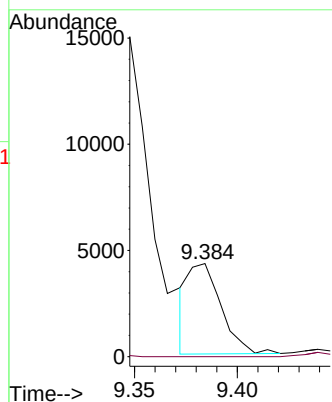
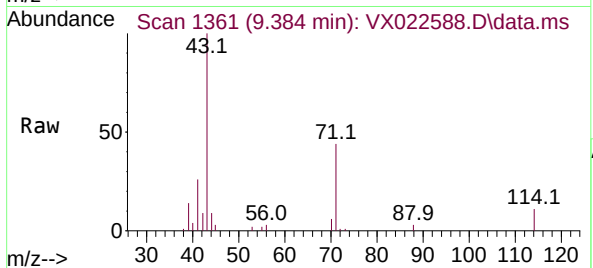




#59
2-Hexanone
Concen: 4.072 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

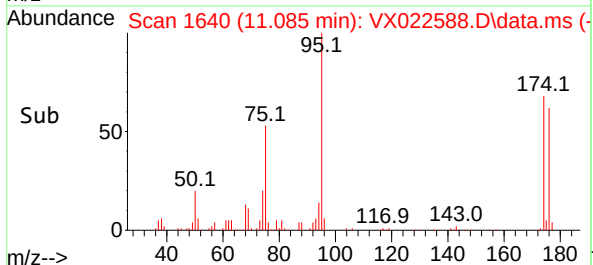
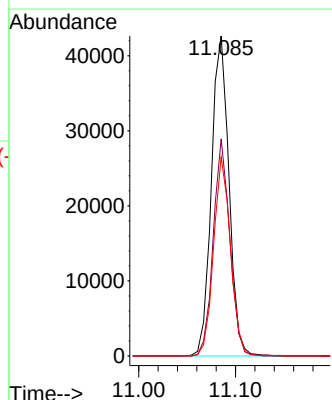
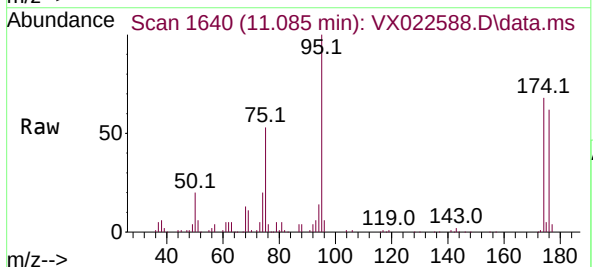
Instrument :
MSVOA_X
ClientSampled :

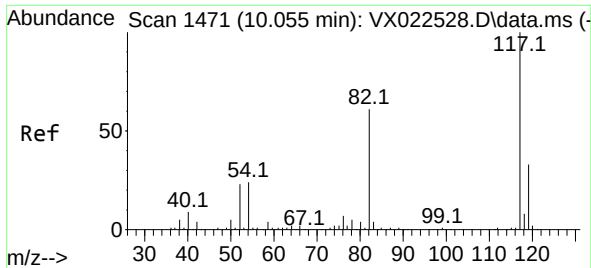
Tgt Ion: 43 Resp: 4718
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.895 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Tgt Ion: 95 Resp: 53756
Ion Ratio Lower Upper
95 100
174 63.8 0.0 154.6
176 59.6 0.0 155.8

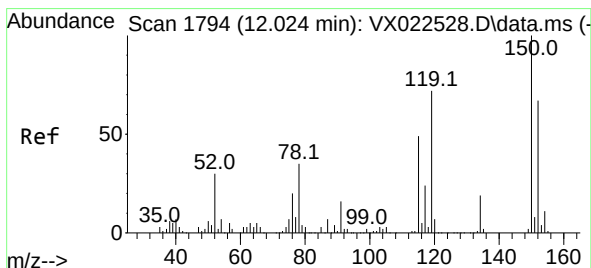
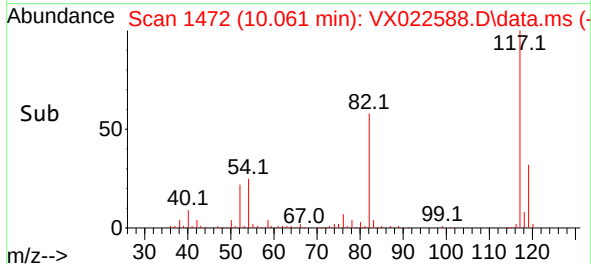
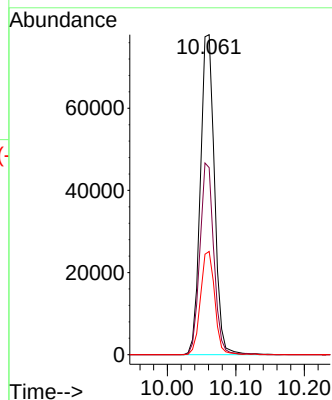
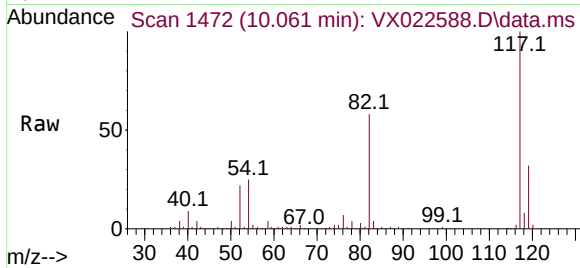




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

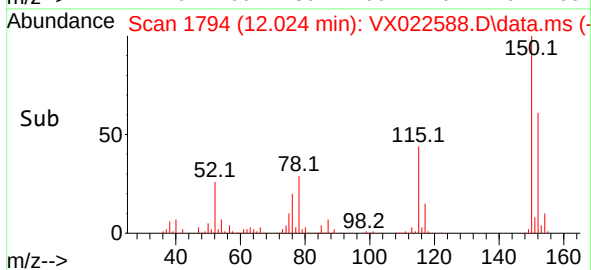
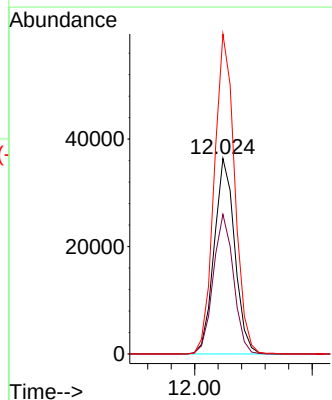
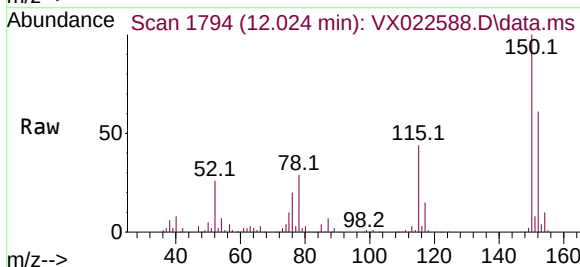
Instrument :
MSVOA_X
ClientSampled :

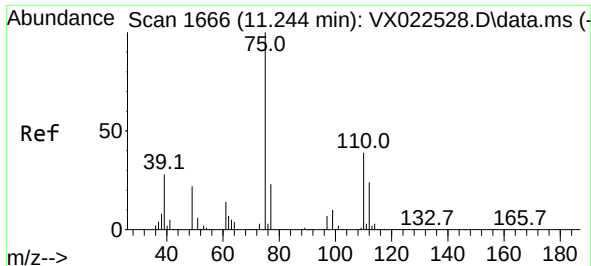
Tgt Ion:117 Resp: 111811
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Tgt Ion:152 Resp: 44255
Ion Ratio Lower Upper
152 100
115 70.2 41.1 123.3
150 162.4 0.0 349.0

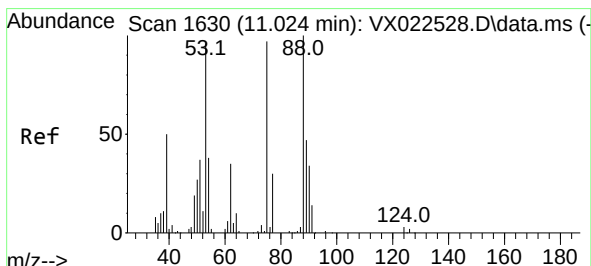
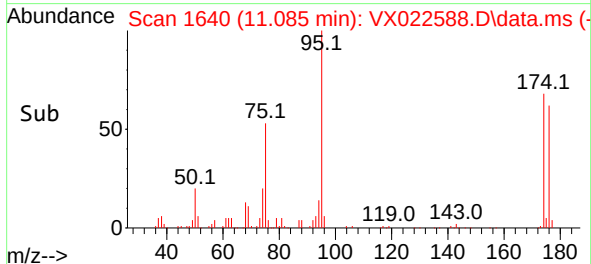
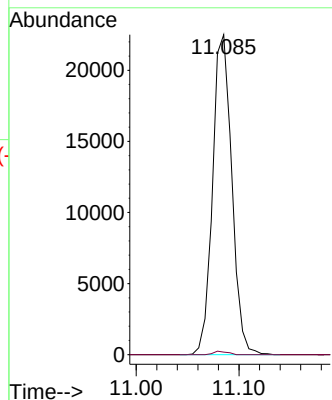
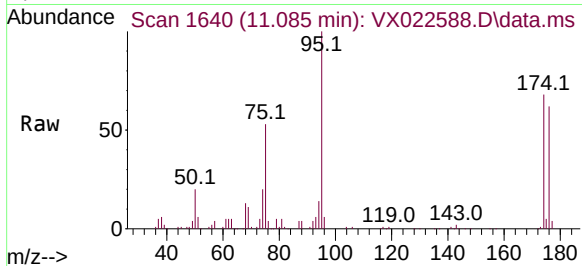




#76
1,2,3-Trichloropropane
Concen: 25.526 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29265
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.045 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022588.D
Acq: 09 Jun 2021 01:31

Tgt Ion: 75 Resp: 29265
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

