

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022570.D
 Acq On : 08 Jun 2021 17:41
 Operator : JC/MD
 Sample : PB136878ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:01:17 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

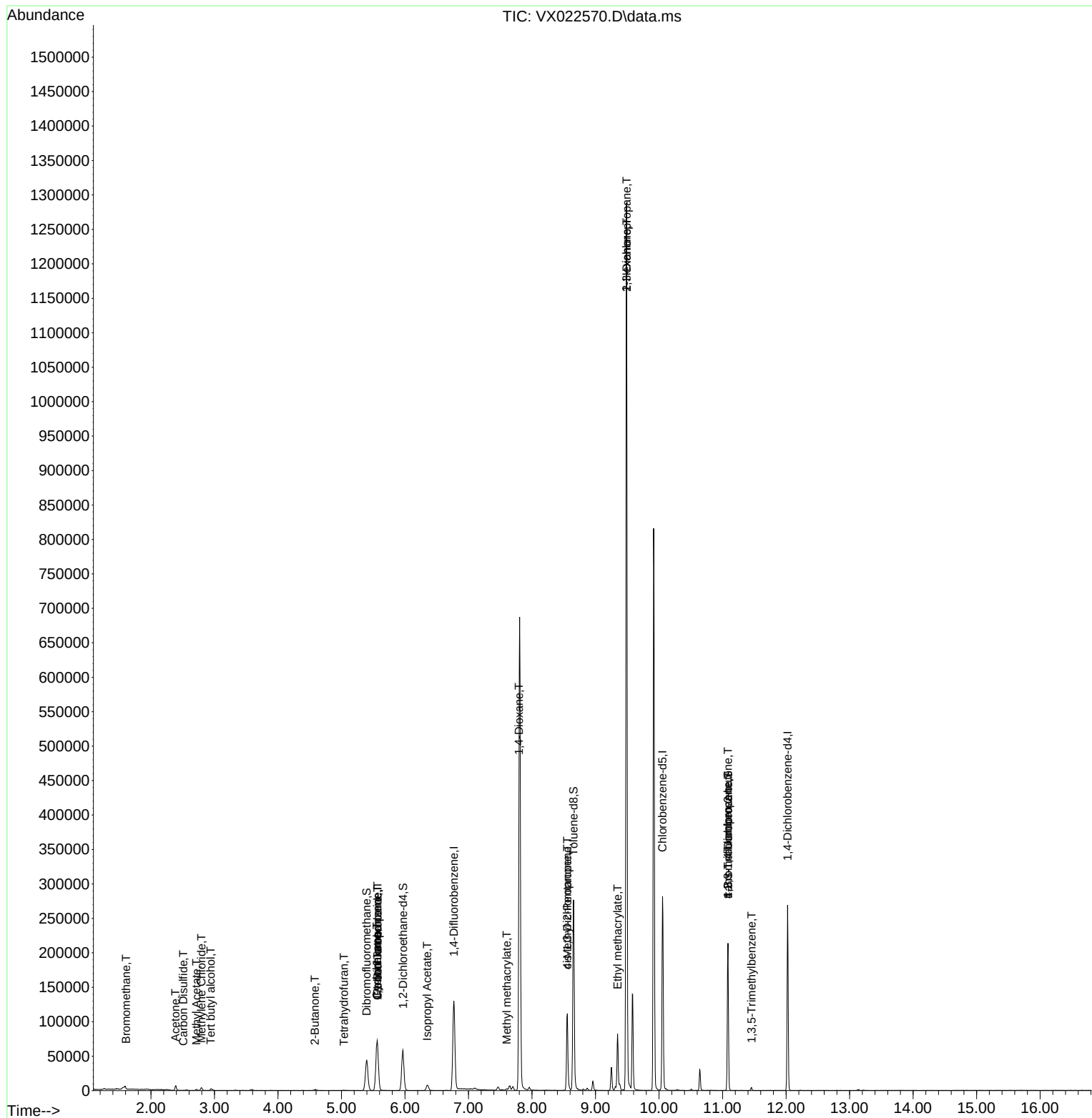
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	60628	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	53099	49.266	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.540%
35) Dibromofluoromethane	5.397	113	37732	47.409	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.820%
50) Toluene-d8	8.653	98	158125	49.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.085	95	56419	47.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.600%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	94	0.215	ug/l	94
11) Tert butyl alcohol	2.940	59	1712	7.082	ug/l	# 73
16) Acetone	2.386	43	7044	14.544	ug/l	97
17) Carbon Disulfide	2.508	76	21	3.394	ug/l	# 75
18) Methyl Acetate	2.715	43	2026	1.517	ug/l	90
20) Methylene Chloride	2.794	84	1629	1.611	ug/l	# 73
25) 2-Butanone	4.580	43	1462	1.827	ug/l	# 66
29) Tetrahydrofuran	5.038	42	420	0.894	ug/l	# 41
31) Cyclohexane	5.556	56	1760	1.380	ug/l	# 36
36) 1,1-Dichloropropene	5.568	75	6303	5.122	ug/l	# 46
38) Carbon Tetrachloride	5.568	117	7378	8.267	ug/l	# 15
43) Isopropyl Acetate	6.348	43	11409	4.456	ug/l	# 90
48) Methyl methacrylate	7.604	41	3109	2.609	ug/l	# 10
49) 1,4-Dioxane	7.793	88	40	1.660	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	39687	24.881	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	17680	12.575	ug/l	# 68
56) Ethyl methacrylate	9.348	69	405	2.923	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10522	6.263	ug/l	# 43
59) 2-Hexanone	9.488	43	150142	123.212	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	30717	25.925	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2017	0.633	ug/l	# 89
81) trans-1,4-Dichloro-2-b...	11.085	75	30717	63.940	ug/l	# 12

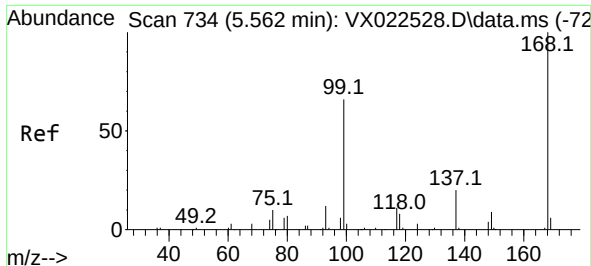
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jun 09 04:01:17 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

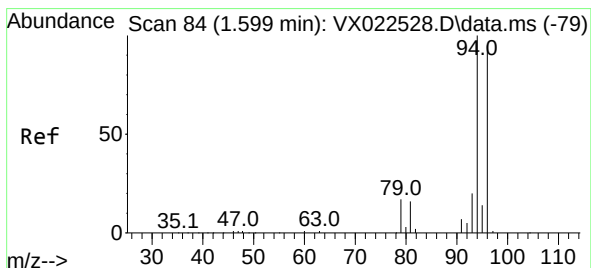
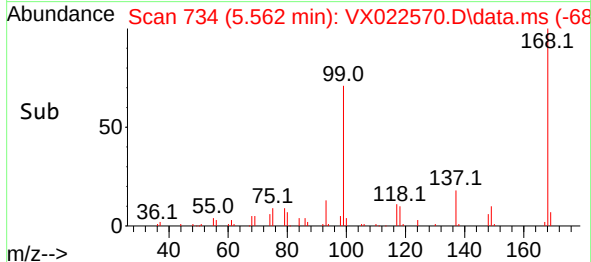
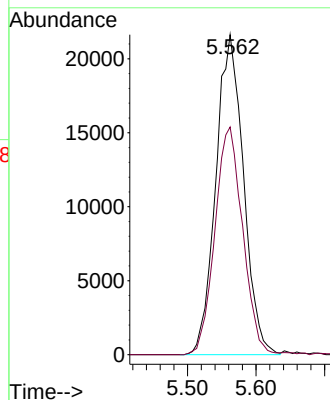
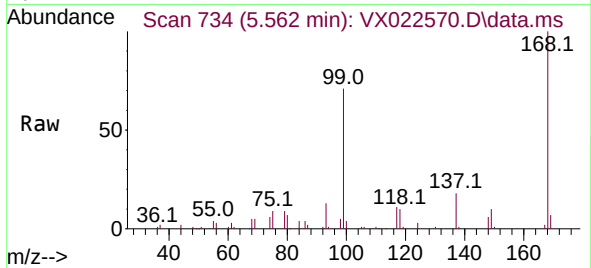




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

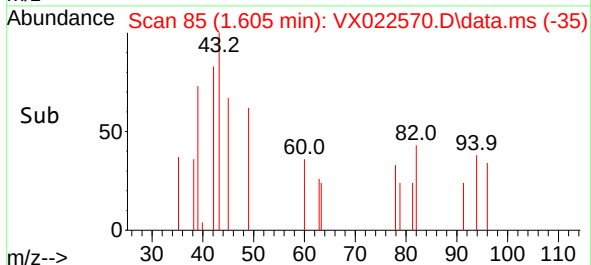
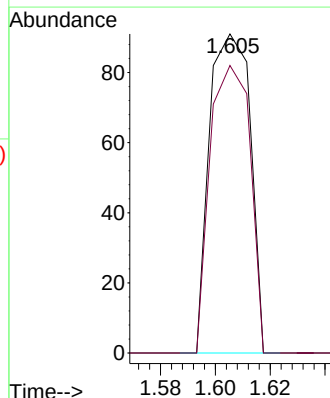
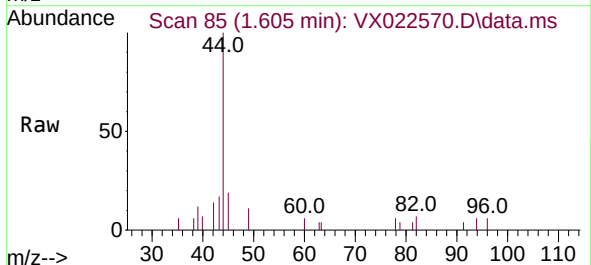
Instrument :
MSVOA_X
ClientSampleId :

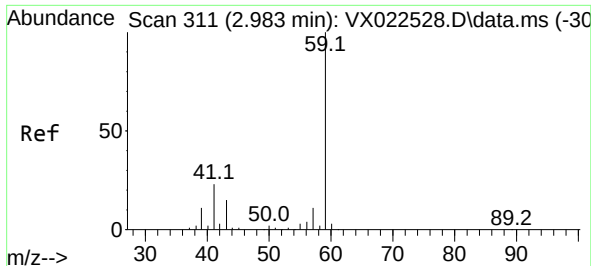
Tgt Ion:168 Resp: 60628
Ion Ratio Lower Upper
168 100
99 71.1 45.8 68.6#



#5
Bromomethane
Concen: 0.215 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 90.1 76.4 114.6



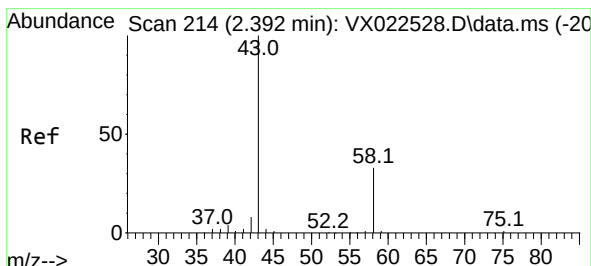
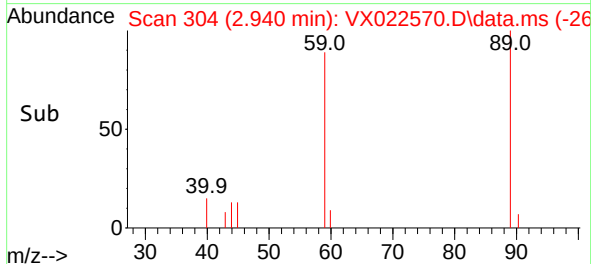
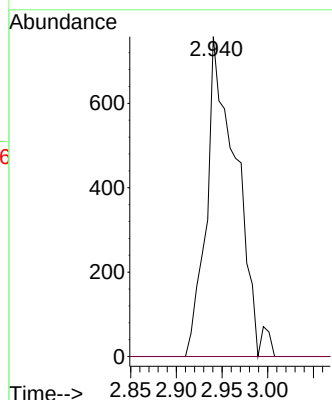
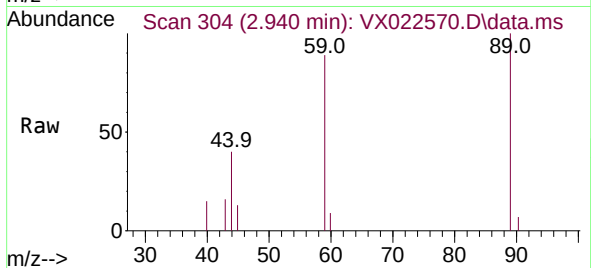


#11

Tert butyl alcohol
Concen: 7.082 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampled :

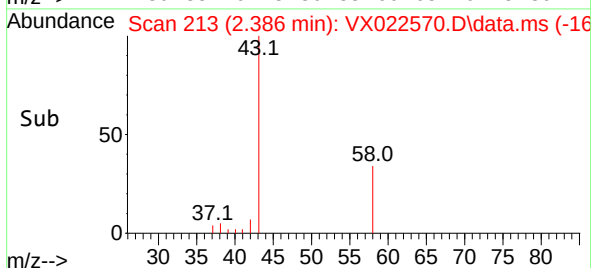
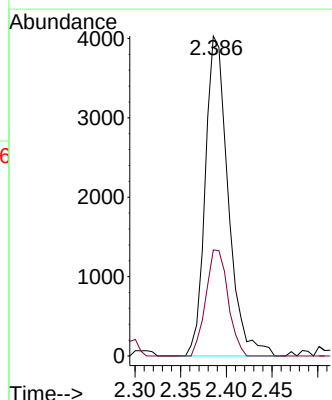
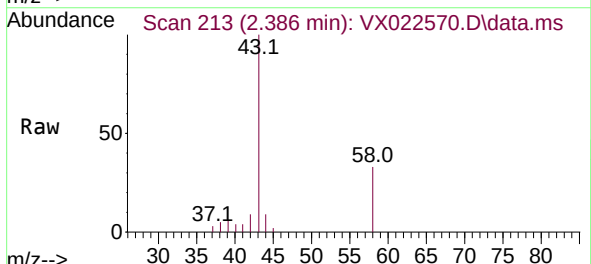
Tgt Ion: 59 Resp: 1712
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

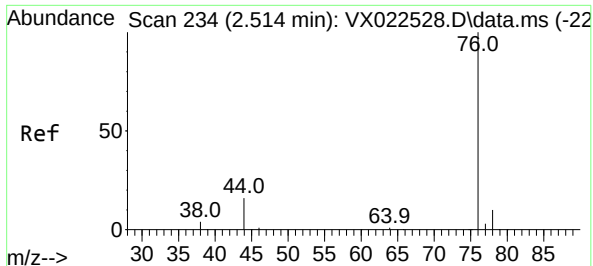


#16

Acetone
Concen: 14.544 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 43 Resp: 7044
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8

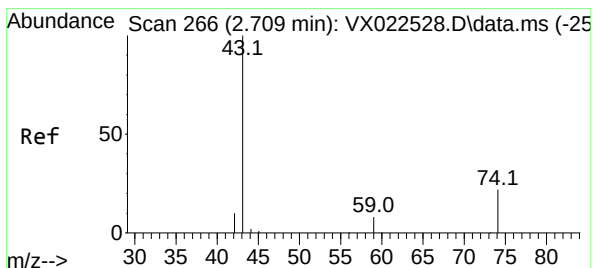
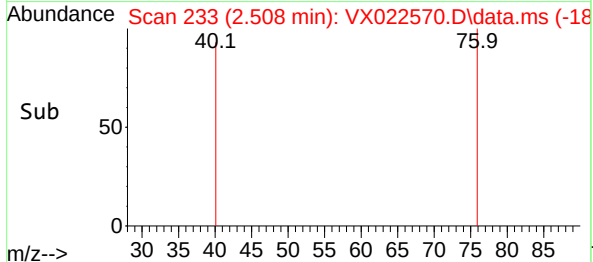
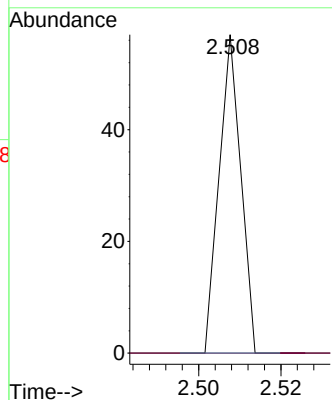
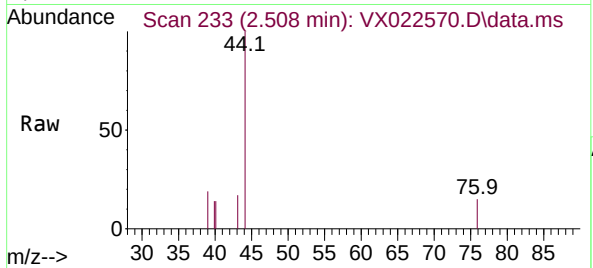




#17
Carbon Disulfide
Concen: 3.394 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

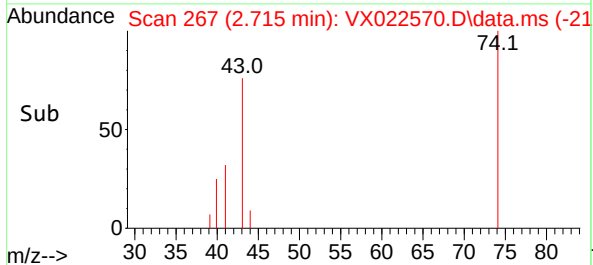
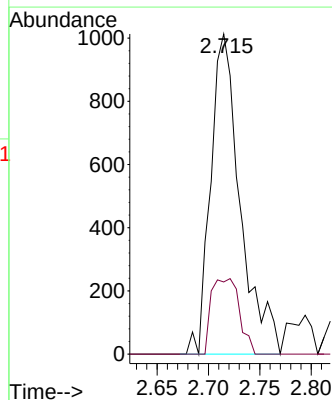
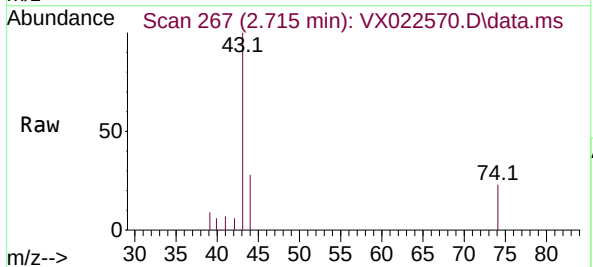
Instrument :
MSVOA_X
ClientSampled :

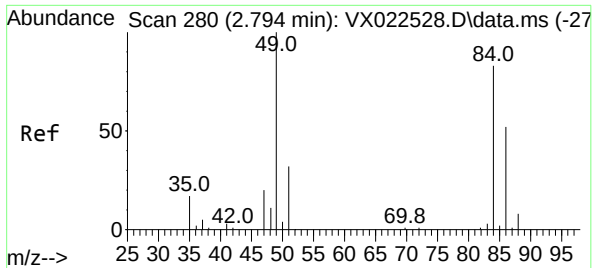
Tgt Ion: 76 Resp: 21
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.517 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 43 Resp: 2026
Ion Ratio Lower Upper
43 100
74 22.3 21.9 32.9



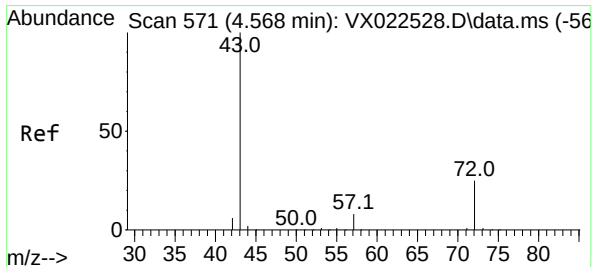
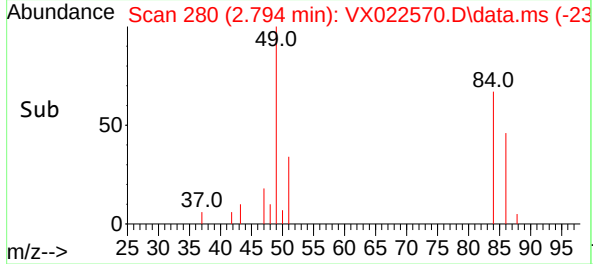
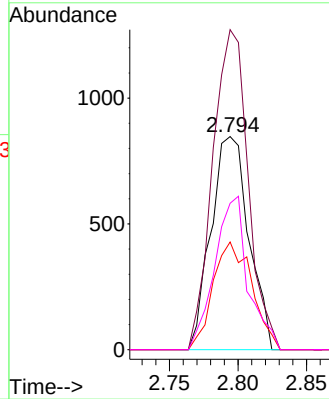
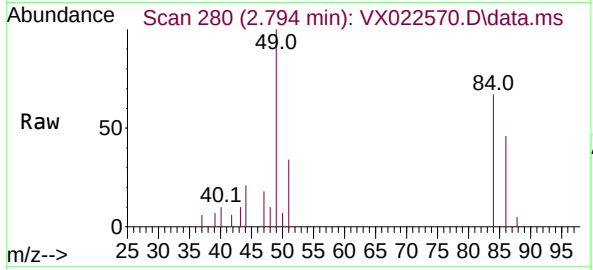


#20
Methylene Chloride
Concen: 1.611 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1629

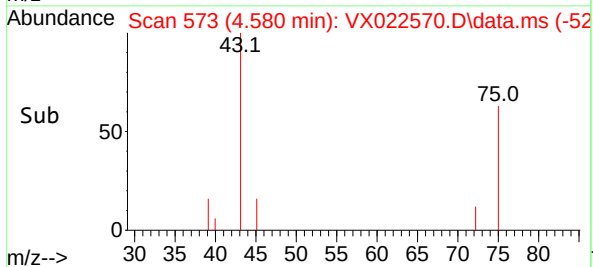
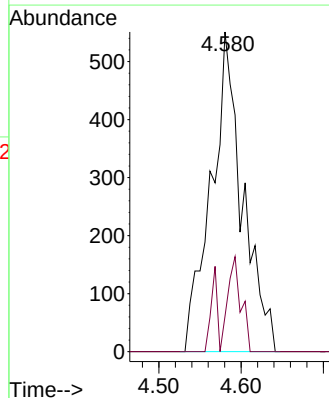
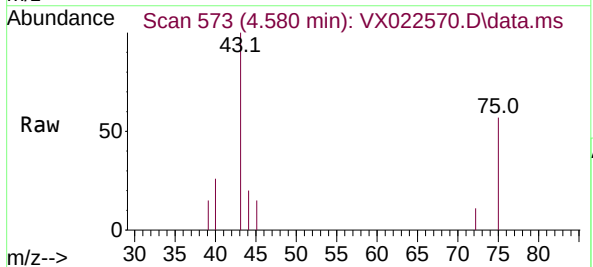
Ion	Ratio	Lower	Upper
84	100		
49	150.2	88.6	132.8#
51	50.5	27.0	40.6#
86	68.7	50.3	75.5

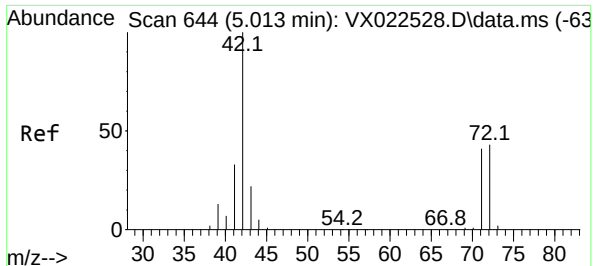


#25
2-Butanone
Concen: 1.827 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 43 Resp: 1462

Ion	Ratio	Lower	Upper
43	100		
72	11.1	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.894 ug/l

RT: 5.038 min Scan# 648

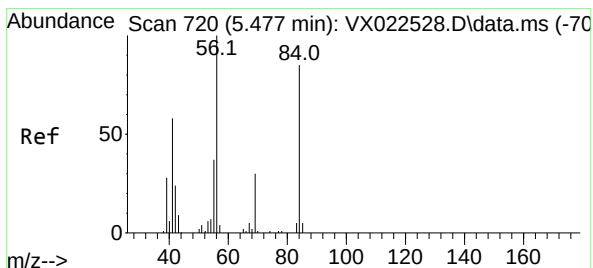
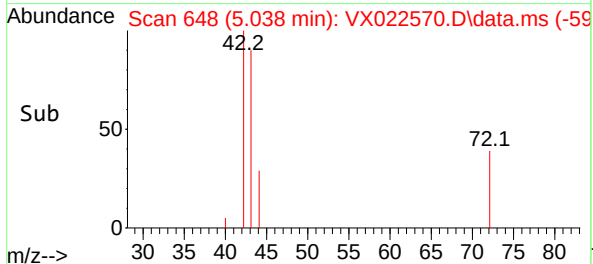
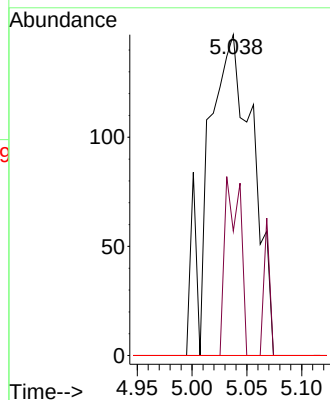
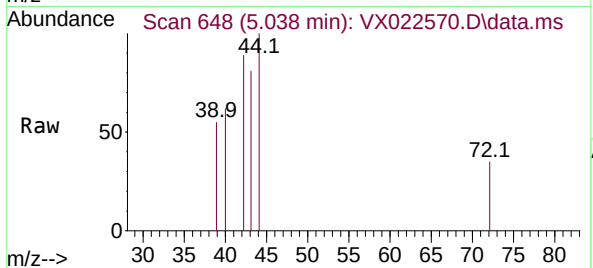
Delta R.T. 0.025 min

Lab File: VX022570.D

Acq: 08 Jun 2021 17:41

Tgt Ion:	42	Resp:	420
Ion	Ratio	Lower	Upper
42	100		
72	19.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.380 ug/l

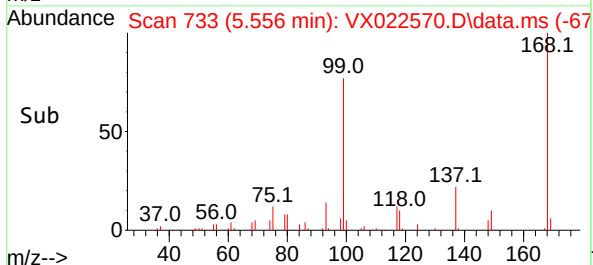
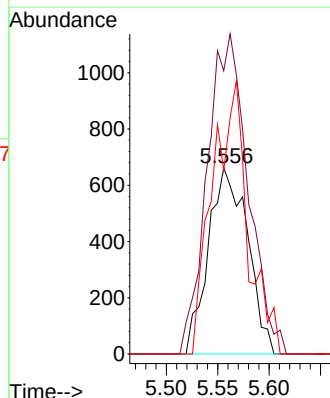
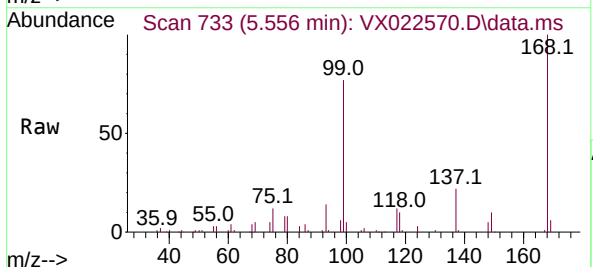
RT: 5.556 min Scan# 733

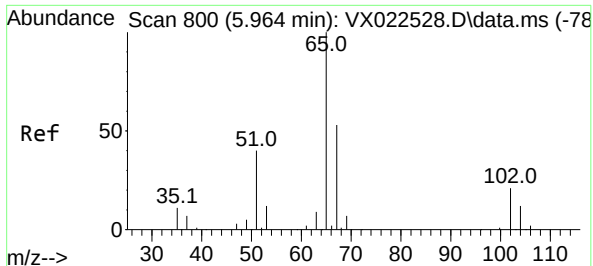
Delta R.T. 0.079 min

Lab File: VX022570.D

Acq: 08 Jun 2021 17:41

Tgt Ion:	56	Resp:	1760
Ion	Ratio	Lower	Upper
56	100		
69	151.9	25.3	37.9#
84	98.5	71.4	107.0



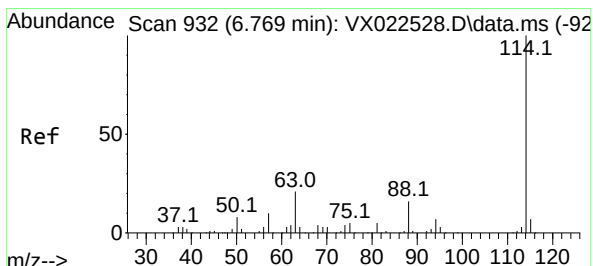
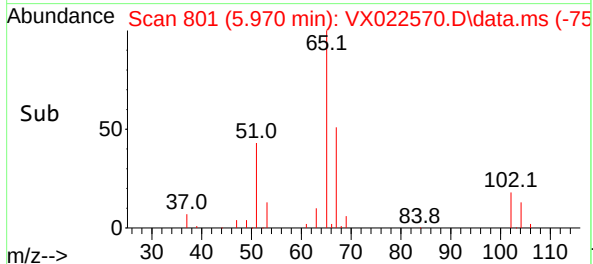
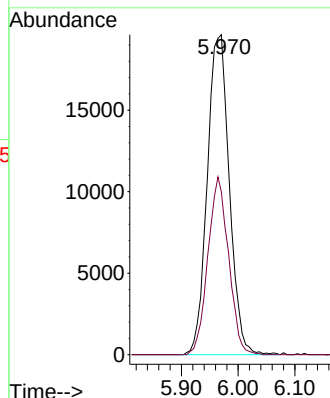
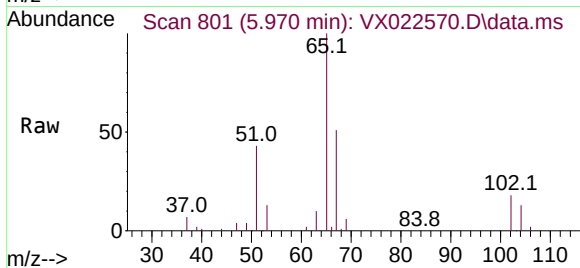


#33

1,2-Dichloroethane-d4
Concen: 49.266 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampleId :

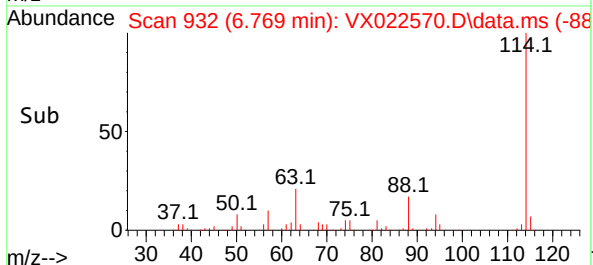
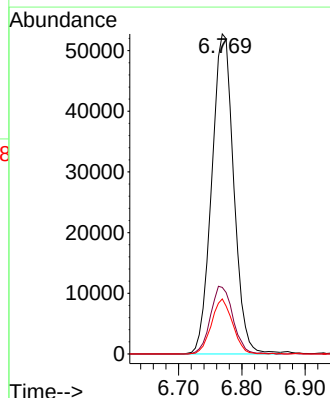
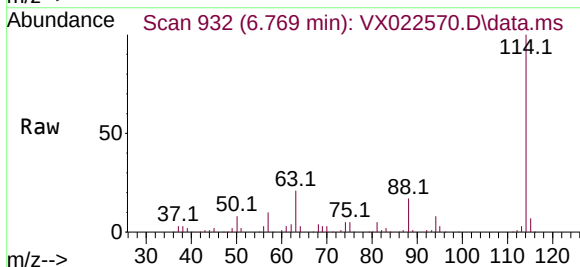
Tgt Ion: 65 Resp: 53099
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

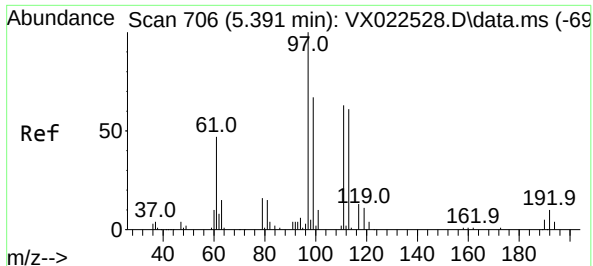


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 114 Resp: 127207
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.409 ug/l

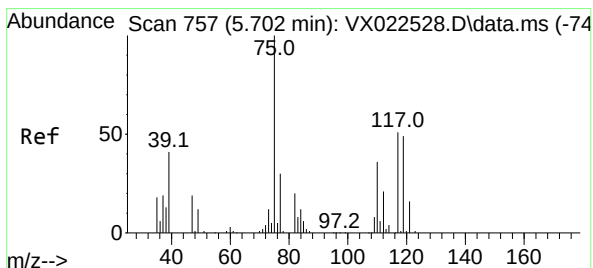
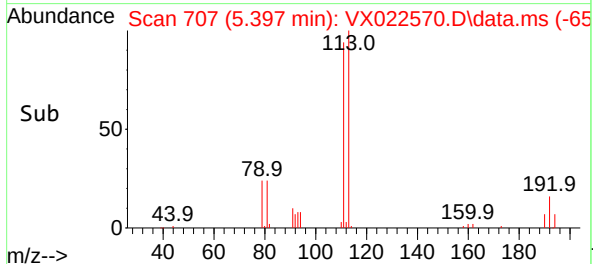
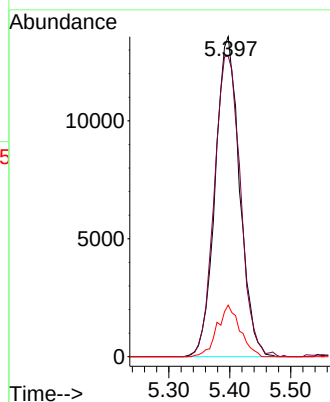
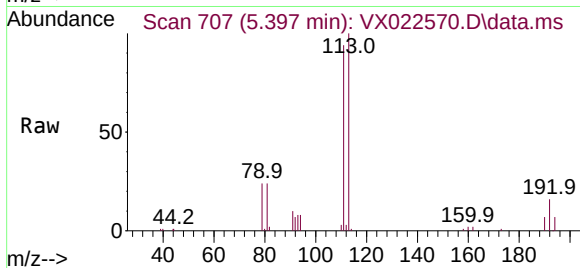
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022570.D

Acq: 08 Jun 2021 17:41

Tgt Ion:	113	Resp:	37732
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.9	122.9
192	15.2	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.122 ug/l

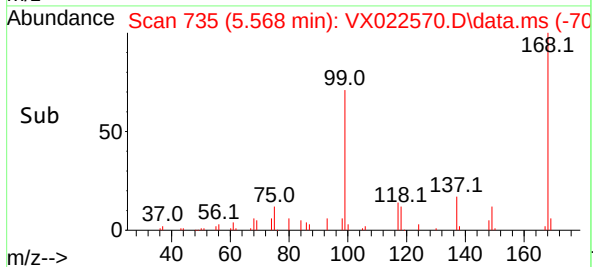
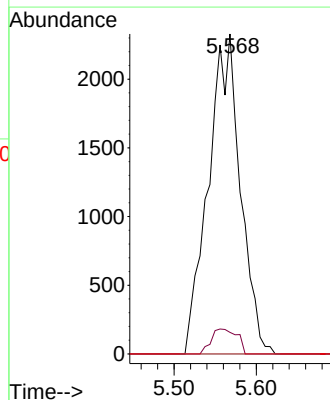
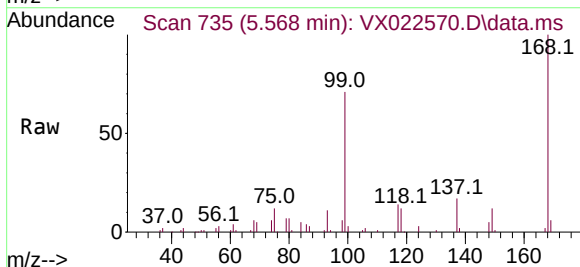
RT: 5.568 min Scan# 735

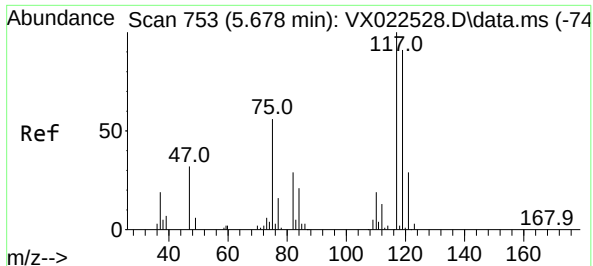
Delta R.T. -0.134 min

Lab File: VX022570.D

Acq: 08 Jun 2021 17:41

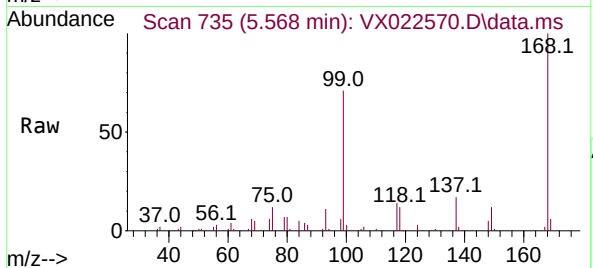
Tgt Ion:	75	Resp:	6303
Ion	Ratio	Lower	Upper
75	100		
110	6.3	18.1	54.4#
77	0.0	25.3	37.9#



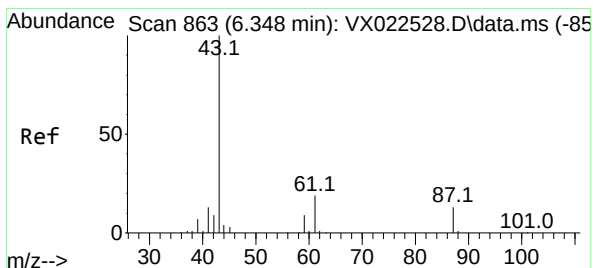
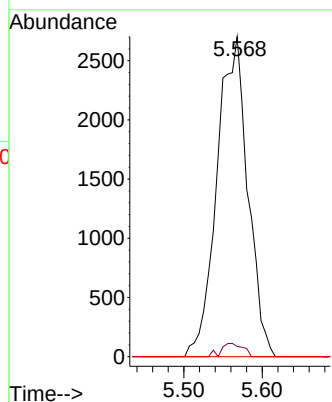
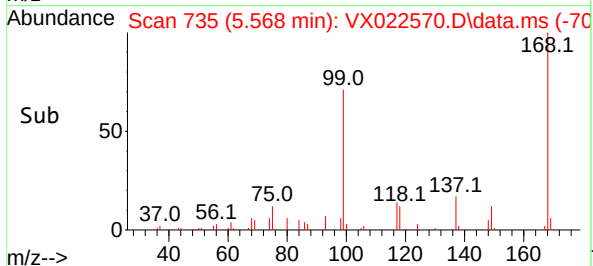


#38
Carbon Tetrachloride
Concen: 8.267 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

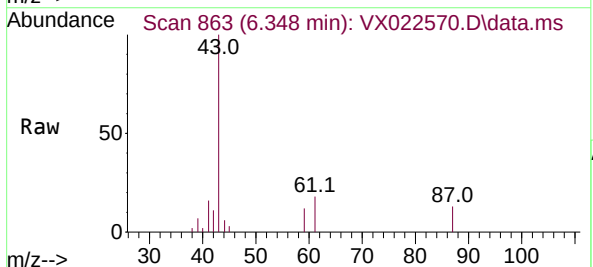
Instrument :
MSVOA_X
ClientSampleId :



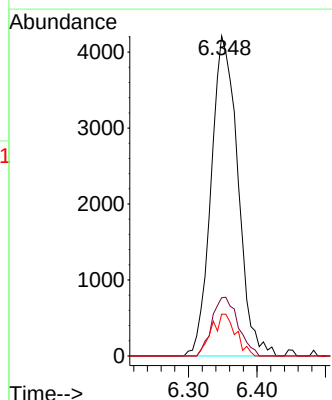
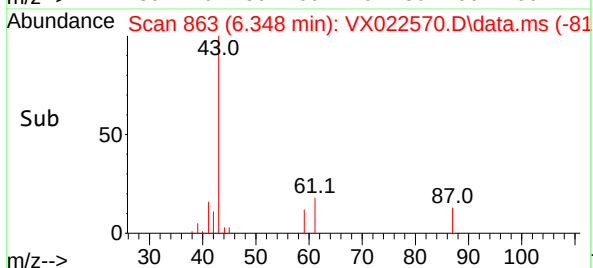
Tgt Ion:117 Resp: 7378
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#

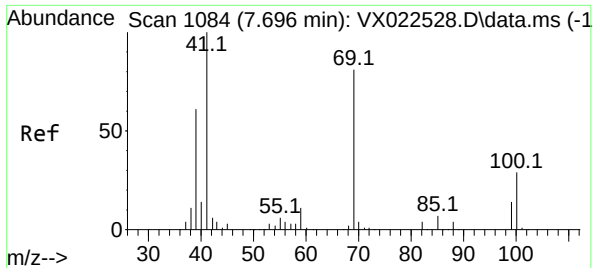


#43
Isopropyl Acetate
Concen: 4.456 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41



Tgt Ion: 43 Resp: 11409
Ion Ratio Lower Upper
43 100
61 17.9 18.2 27.4#
87 11.9 12.5 18.7#

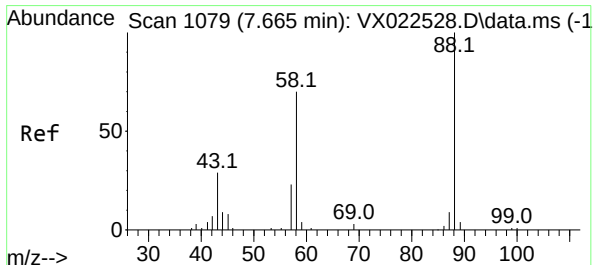
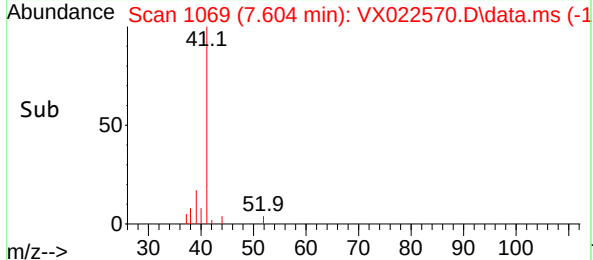
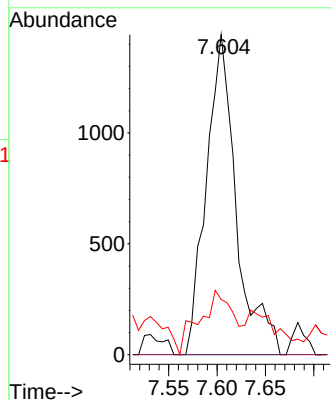
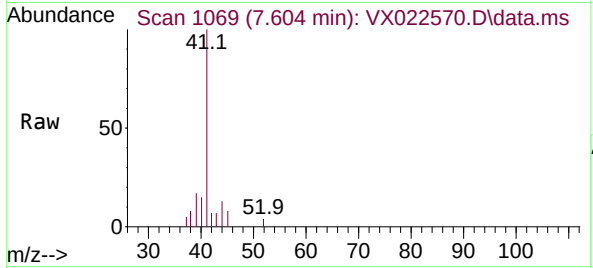




#48
Methyl methacrylate
Concen: 2.609 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

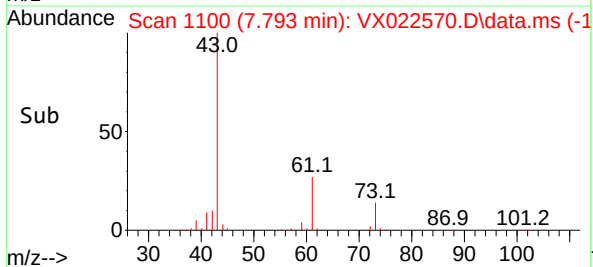
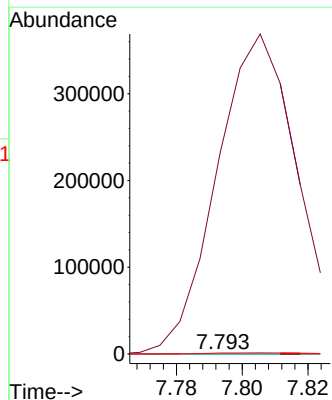
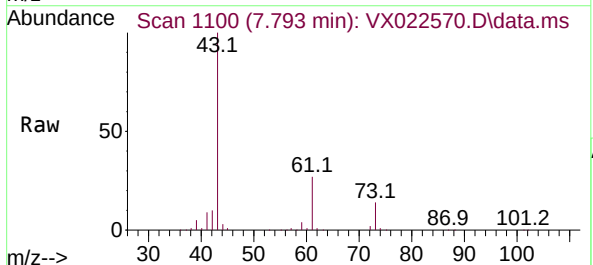
Instrument :
MSVOA_X
ClientSampled :

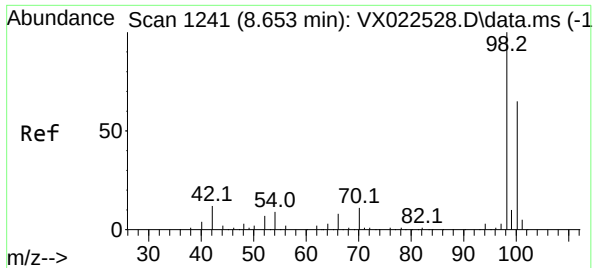
Tgt Ion: 41 Resp: 3109
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 1.660 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.128 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 1610157.5 23.2 34.8#
58 6157.5 55.0 82.4#

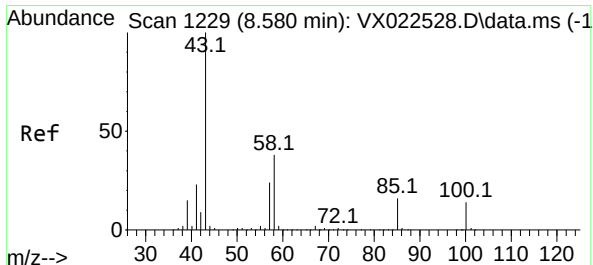
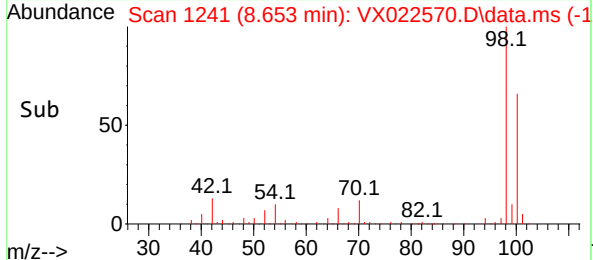
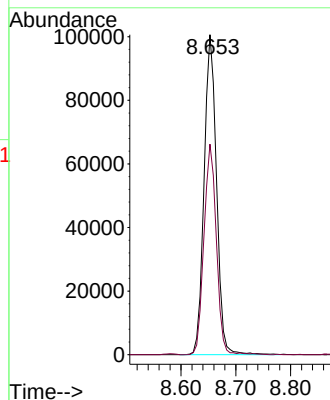
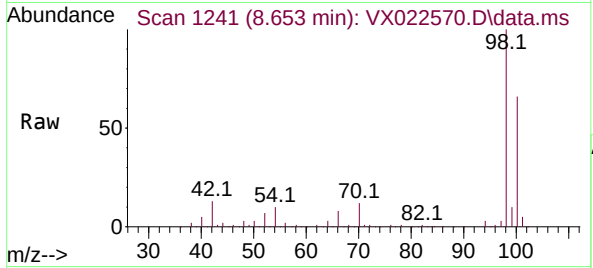




#50
Toluene-d8
Concen: 49.793 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

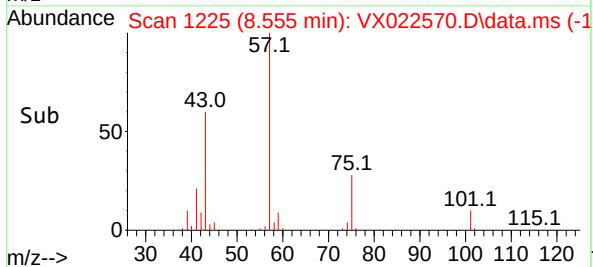
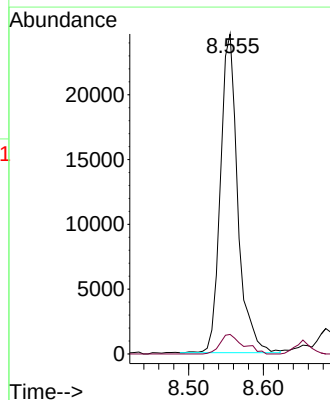
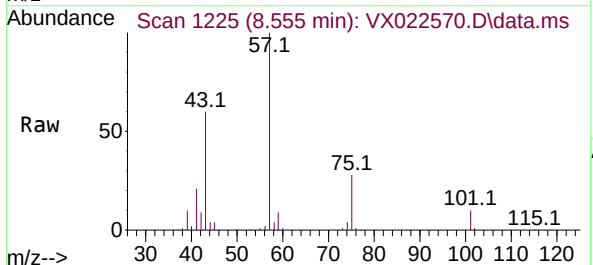
Instrument :
MSVOA_X
ClientSampled :

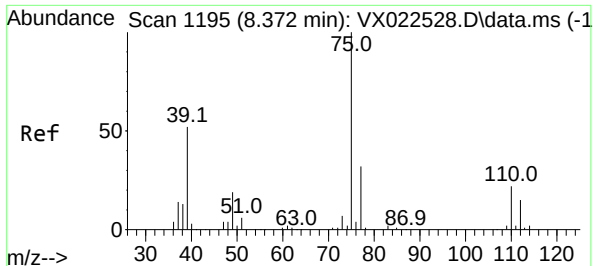
Tgt Ion: 98 Resp: 158125
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 24.881 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 43 Resp: 39687
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#

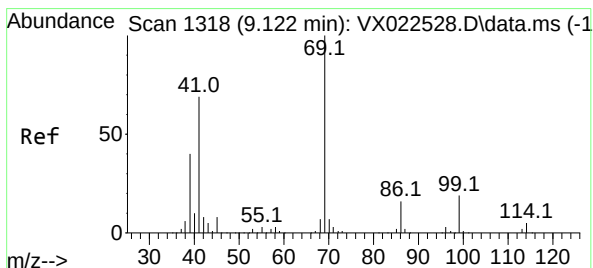
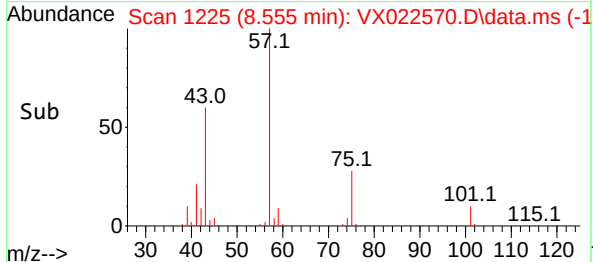
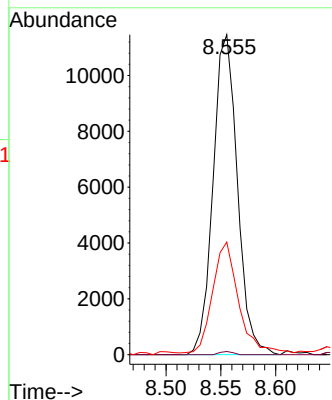
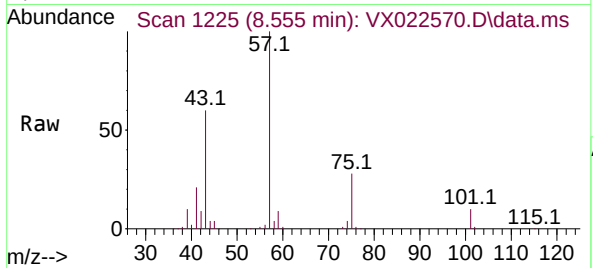




#54
 cis-1,3-Dichloropropene
 Concen: 12.575 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX022570.D
 Acq: 08 Jun 2021 17:41

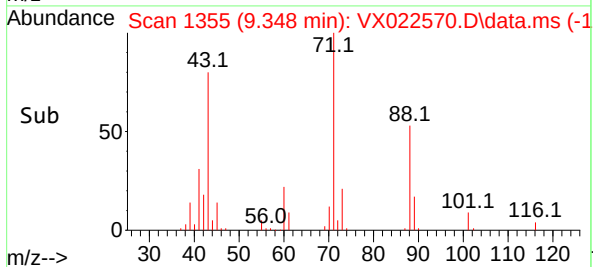
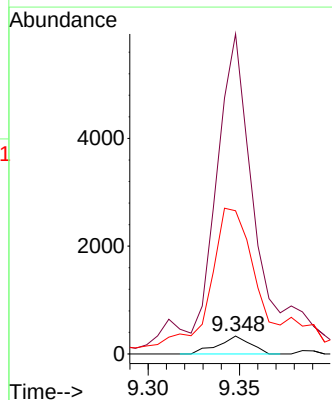
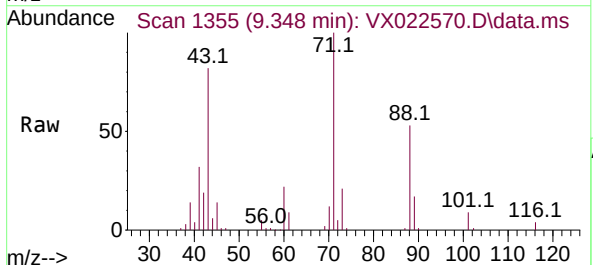
Instrument :
 MSVOA_X
 ClientSampled :

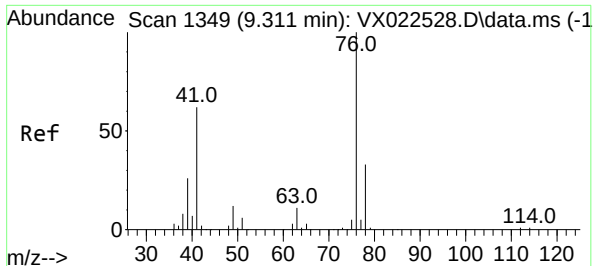
Tgt Ion: 75 Resp: 17680
 Ion Ratio Lower Upper
 75 100
 77 1.0 25.7 38.5#
 39 34.7 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.923 ug/l
 RT: 9.348 min Scan# 1355
 Delta R.T. 0.226 min
 Lab File: VX022570.D
 Acq: 08 Jun 2021 17:41

Tgt Ion: 69 Resp: 405
 Ion Ratio Lower Upper
 69 100
 41 2236.5 46.8 70.2#
 39 1066.7 24.7 37.1#



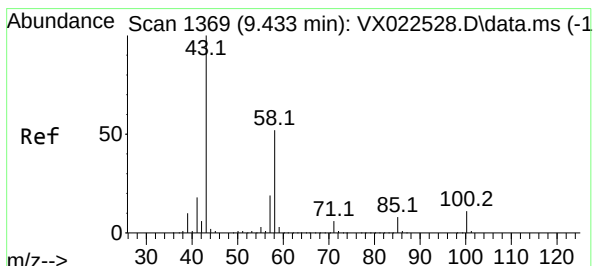
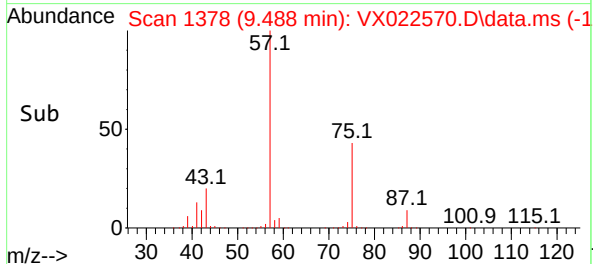
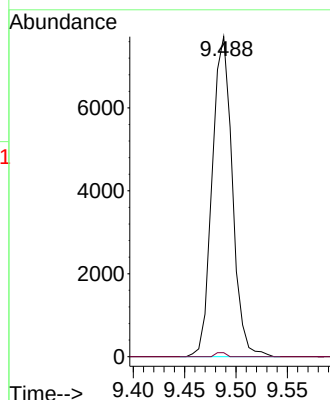
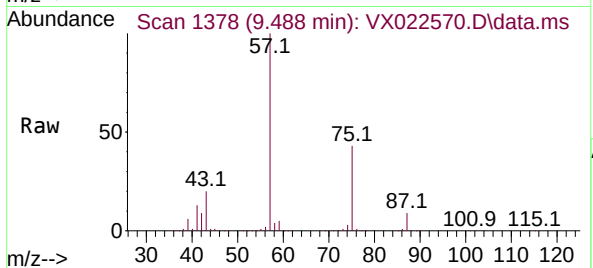


#57

1,3-Dichloropropane
Concen: 6.263 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampled :

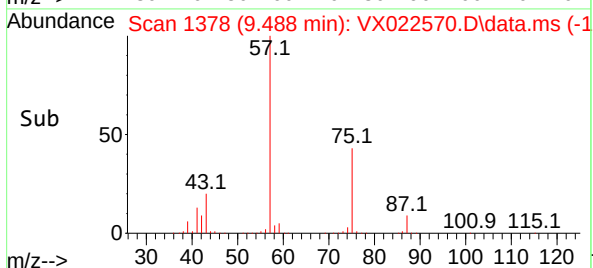
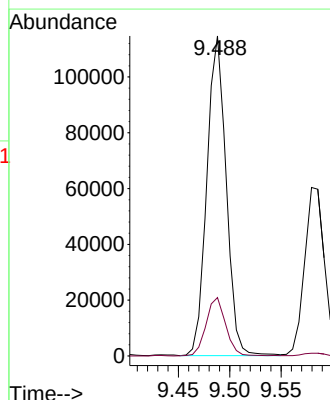
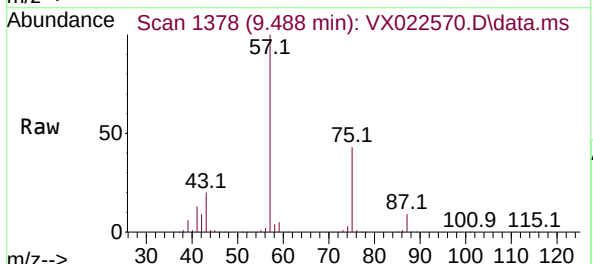
Tgt Ion: 76 Resp: 10522
Ion Ratio Lower Upper
76 100
78 0.7 26.2 39.2#

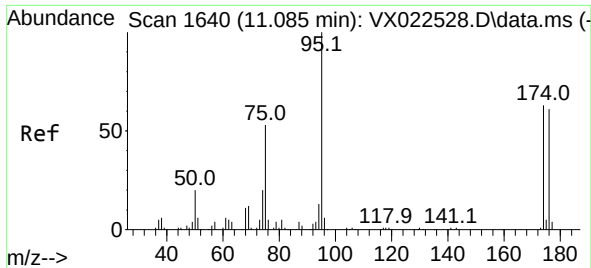


#59

2-Hexanone
Concen: 123.212 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 43 Resp: 150142
Ion Ratio Lower Upper
43 100
58 18.6 30.9 92.8#

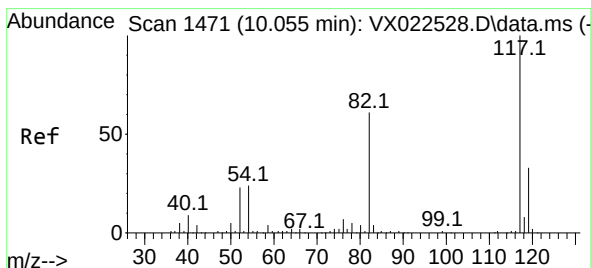
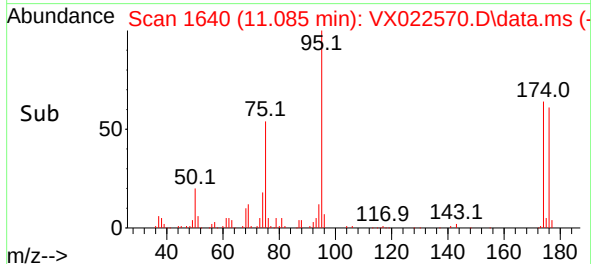
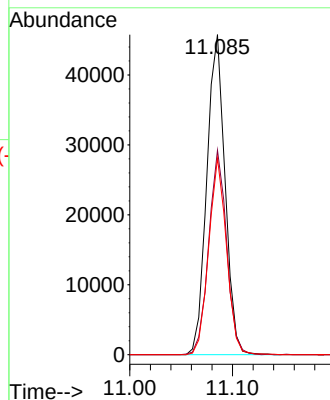
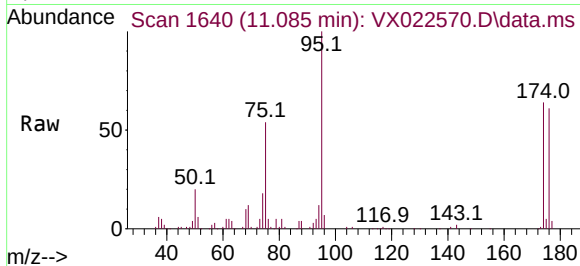




#62
4-Bromofluorobenzene
Concen: 47.797 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

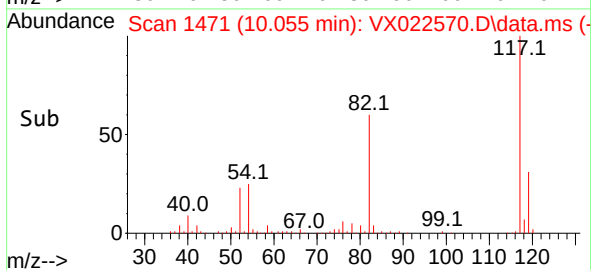
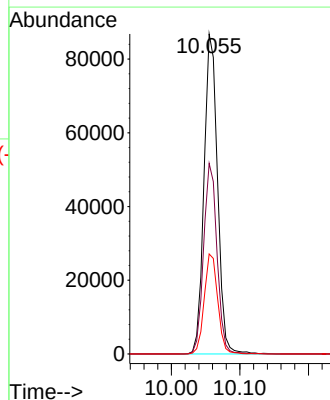
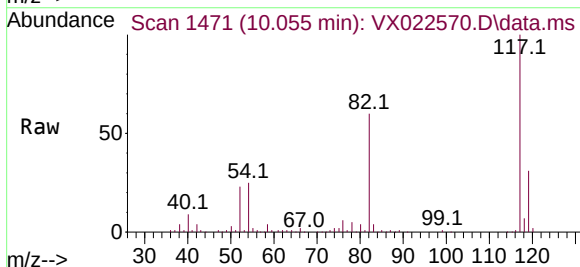
Instrument :
MSVOA_X
ClientSampleId :

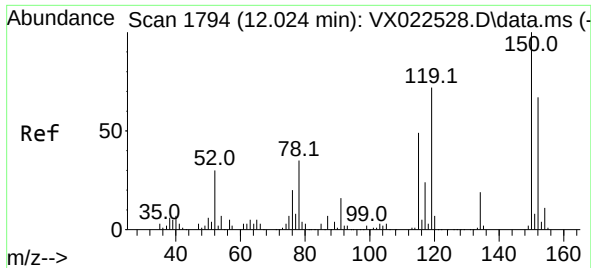
Tgt Ion: 95 Resp: 56419
Ion Ratio Lower Upper
95 100
174 62.8 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 117 Resp: 119152
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.3 26.6 39.8

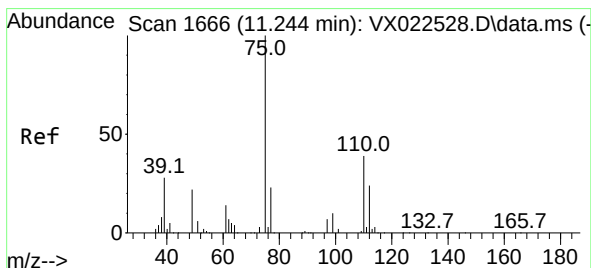
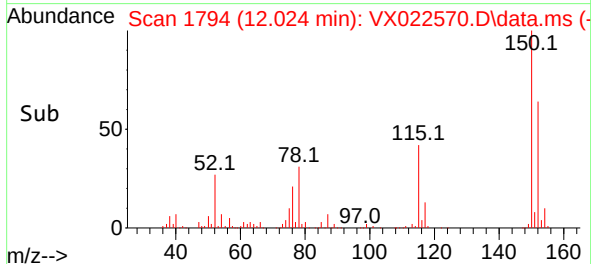
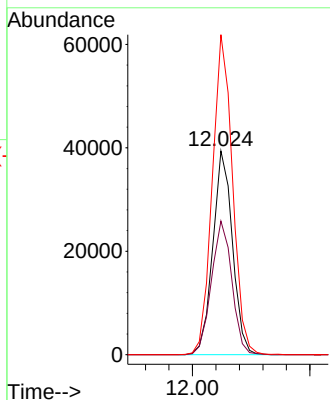
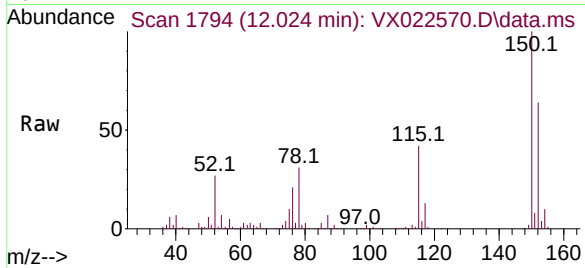




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022570.D
 Acq: 08 Jun 2021 17:41

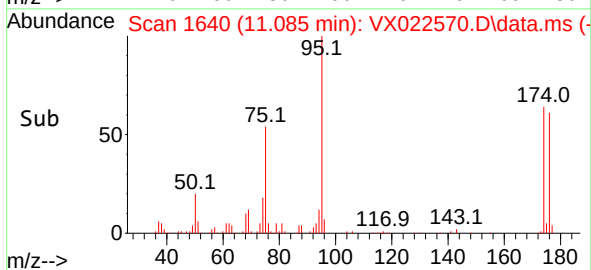
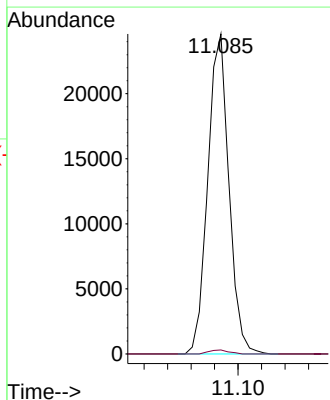
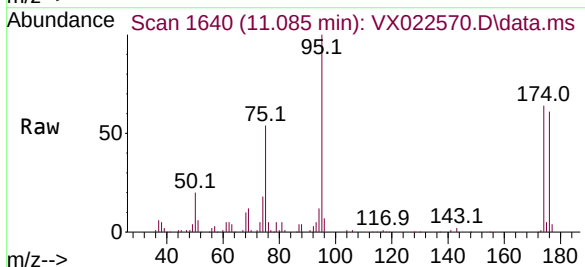
Instrument :
 MSVOA_X
 ClientSampled :

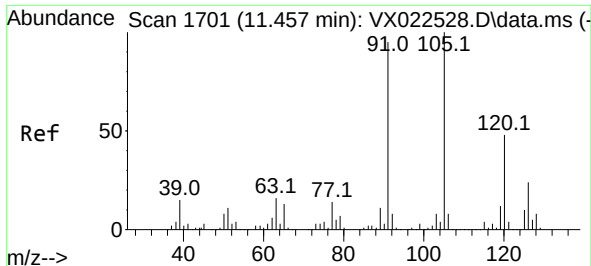
Tgt Ion:152 Resp: 45736
 Ion Ratio Lower Upper
 152 100
 115 68.2 41.1 123.3
 150 161.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.925 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022570.D
 Acq: 08 Jun 2021 17:41

Tgt Ion: 75 Resp: 30717
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

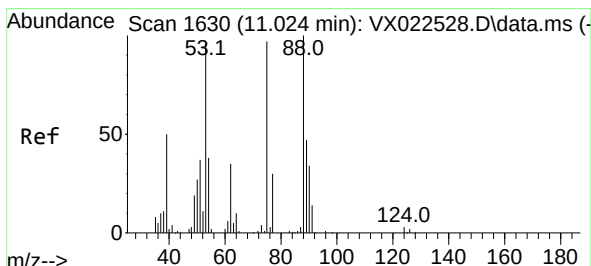
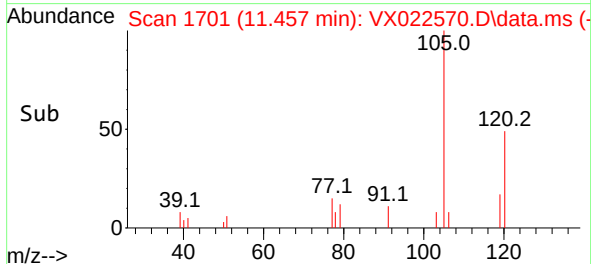
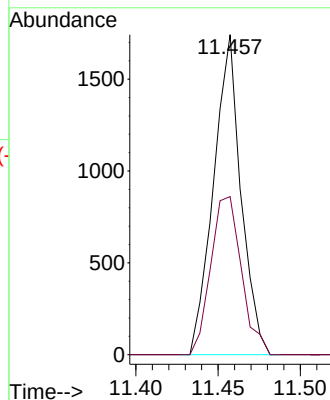
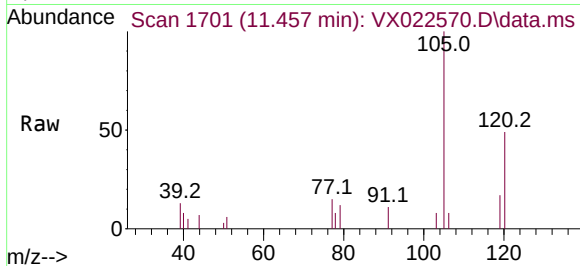




#80
1,3,5-Trimethylbenzene
Concen: 0.633 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2017
Ion Ratio Lower Upper
105 100
120 55.4 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.940 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022570.D
Acq: 08 Jun 2021 17:41

Tgt Ion: 75 Resp: 30717
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

