

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023066.D
 Acq On : 01 Jul 2021 05:03
 Operator : JC/MD
 Sample : M2829-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 07:05:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

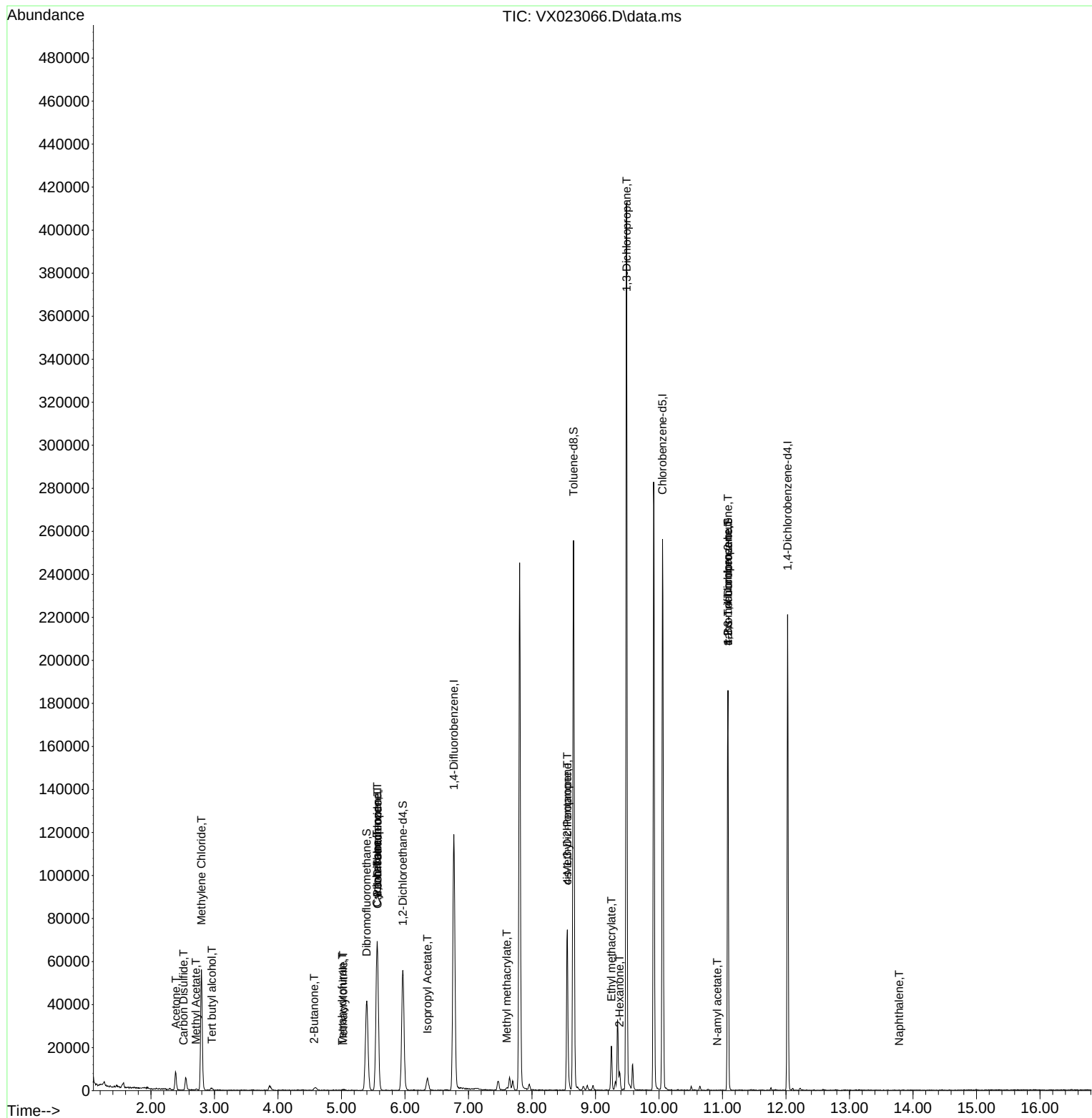
Internal Standards						
1) Pentafluorobenzene	5.562	168	52063	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51719	54.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.480%	
35) Dibromofluoromethane	5.397	113	35701	50.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.480%	
50) Toluene-d8	8.653	98	139091	49.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	11.085	95	47545	45.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	707	3.590	ug/l	# 73
16) Acetone	2.392	43	8891	21.226	ug/l	# 87
17) Carbon Disulfide	2.514	76	21	3.526	ug/l	# 75
18) Methyl Acetate	2.709	43	740	0.718	ug/l	# 68
20) Methylene Chloride	2.794	84	23859	28.878	ug/l	# 89
25) 2-Butanone	4.568	43	697	1.070	ug/l	# 45
29) Tetrahydrofuran	5.013	42	260	0.621	ug/l	# 33
31) Cyclohexane	5.556	56	1852	1.388	ug/l	# 32
36) 1,1-Dichloropropene	5.562	75	6378	5.366	ug/l	# 47
38) Carbon Tetrachloride	5.568	117	6911	6.933	ug/l	# 16
41) Methacrylonitrile	5.026	41	155	0.204	ug/l	# 21
43) Isopropyl Acetate	6.355	43	7525	3.400	ug/l	# 93
48) Methyl methacrylate	7.604	41	1974	1.927	ug/l	# 22
51) 4-Methyl-2-Pentanone	8.555	43	27114	19.682	ug/l	# 46
54) cis-1,3-Dichloropropene	8.555	75	11139	9.613	ug/l	# 67
56) Ethyl methacrylate	9.250	69	65	2.619	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	3253	2.153	ug/l	# 42
59) 2-Hexanone	9.378	43	5382	5.150	ug/l	# 19
74) N-amyl acetate	10.915	43	31	2.072	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	28021	28.377	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28021	73.177	ug/l	# 12
95) Naphthalene	13.780	128	37	1.934	ug/l	# 69

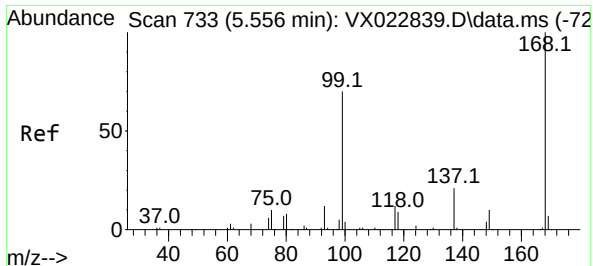
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

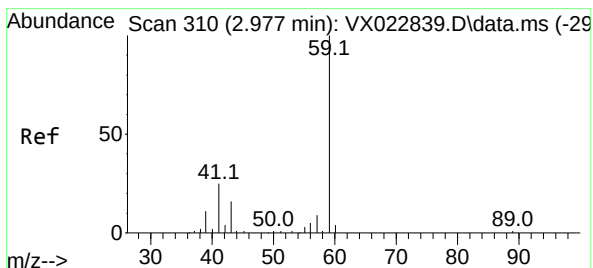
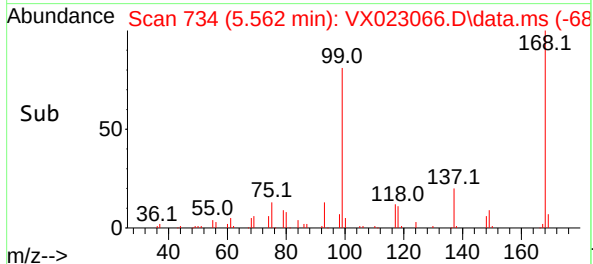
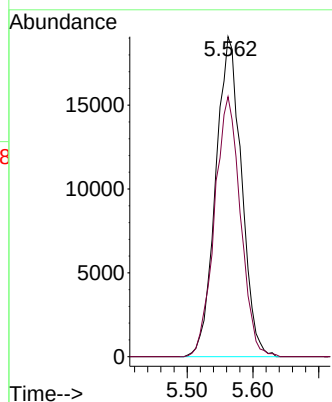
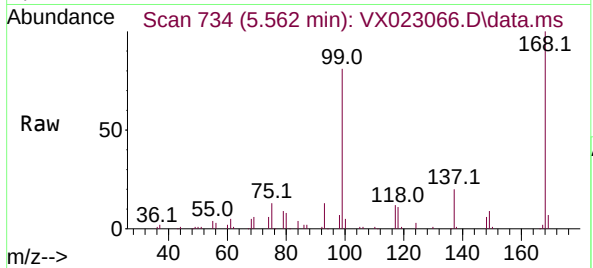




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

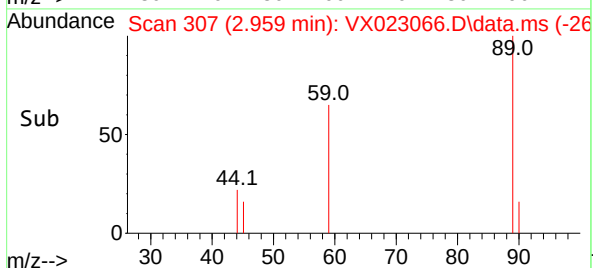
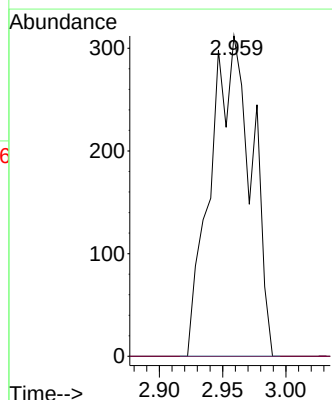
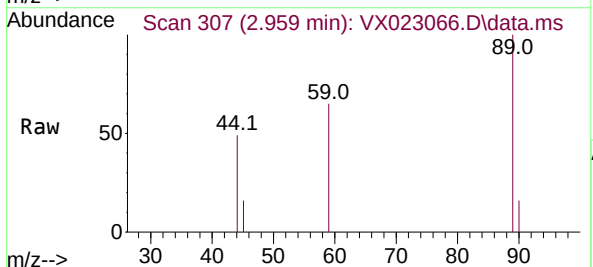
Instrument :
MSVOA_X
ClientSampled :

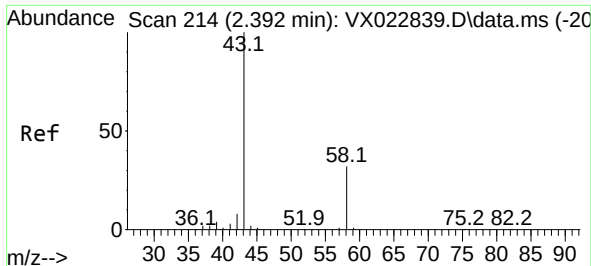
Tgt Ion:168 Resp: 52063
Ion Ratio Lower Upper
168 100
99 81.3 45.8 68.6#



#11
Tert butyl alcohol
Concen: 3.590 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

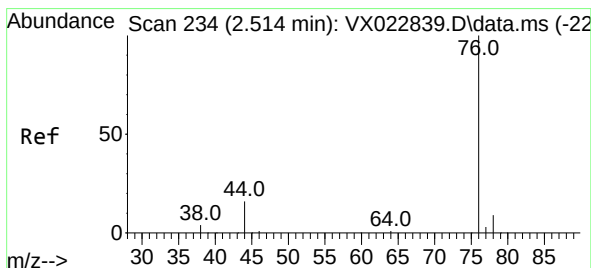
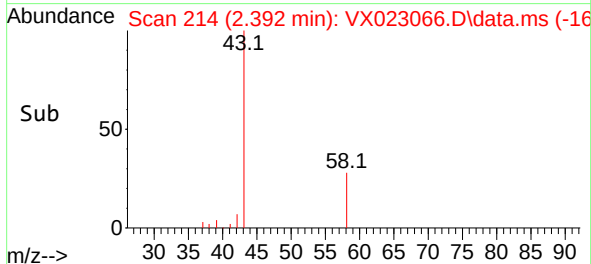
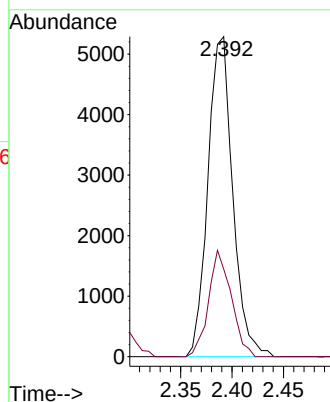
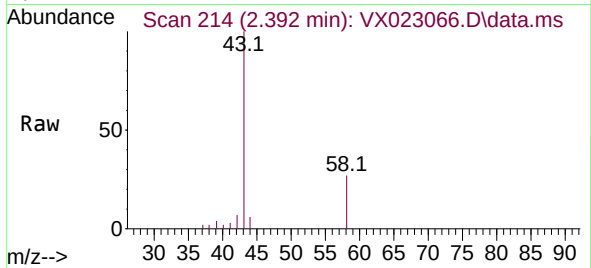




#16
Acetone
Concen: 21.226 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

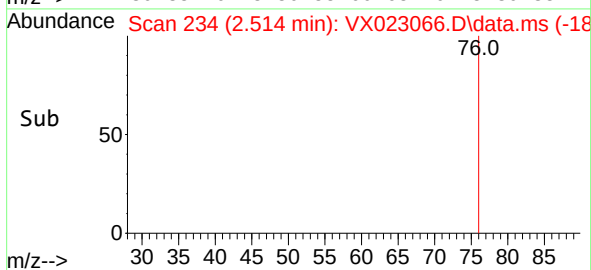
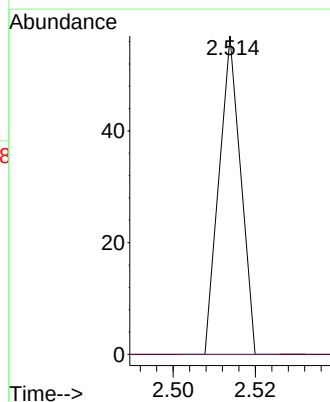
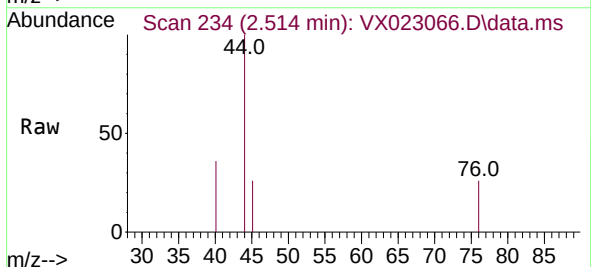
Instrument :
MSVOA_X
ClientSampled :

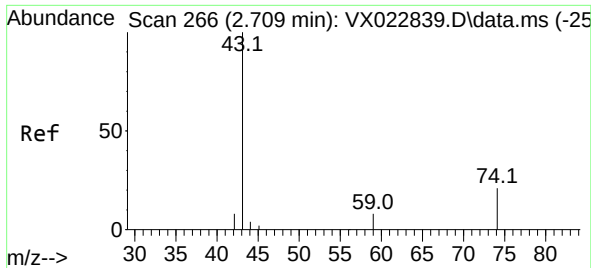
Tgt Ion: 43 Resp: 8891
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.526 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

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

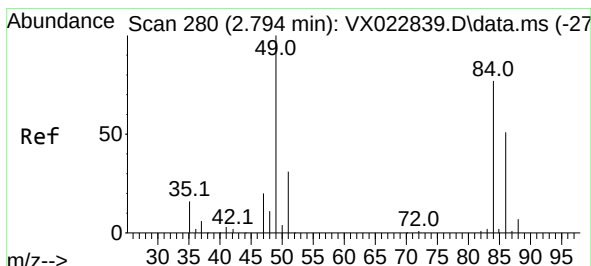
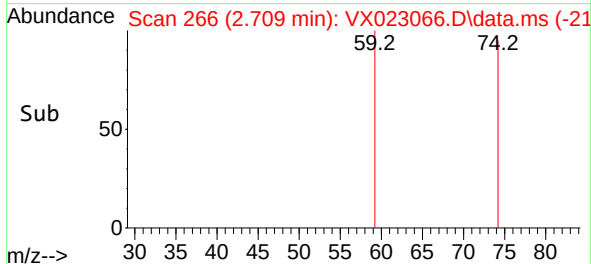
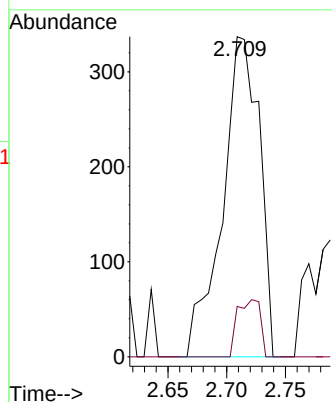
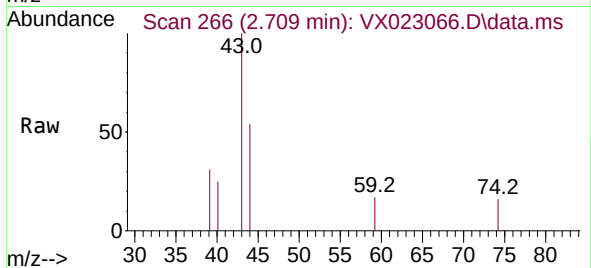




#18
Methyl Acetate
Concen: 0.718 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

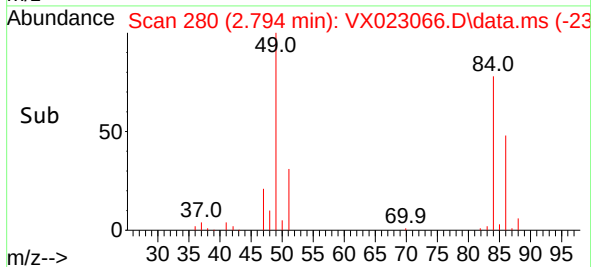
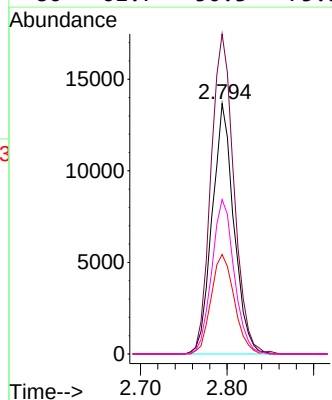
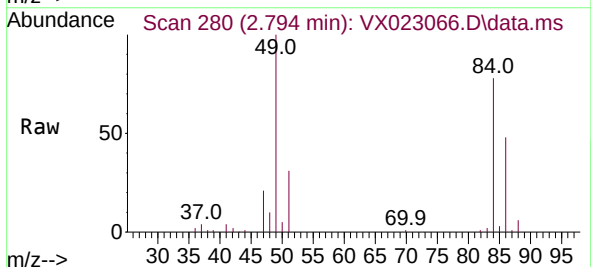
Instrument :
MSVOA_X
ClientSampled :

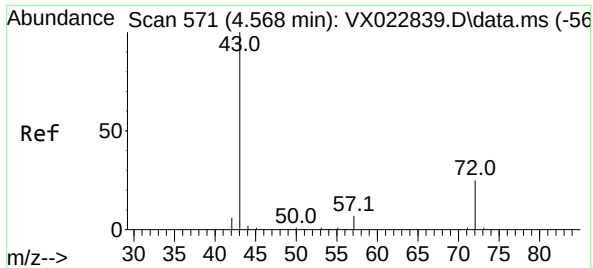
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
74 10.9 21.9 32.9#



#20
Methylene Chloride
Concen: 28.878 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion: 84 Resp: 23859
Ion Ratio Lower Upper
84 100
49 127.8 88.6 132.8
51 39.7 27.0 40.6
86 61.7 50.3 75.5





#25

2-Butanone

Concen: 1.070 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX023066.D

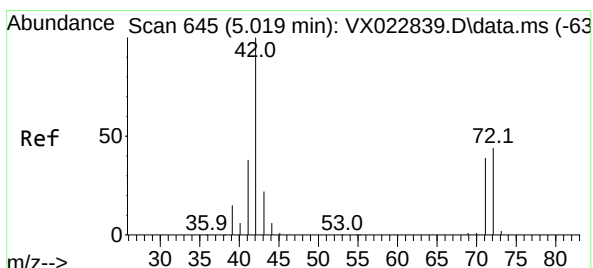
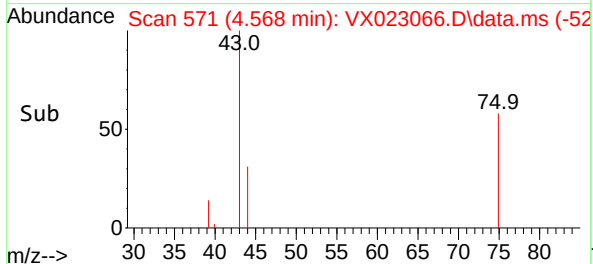
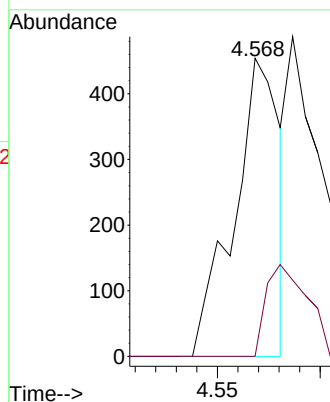
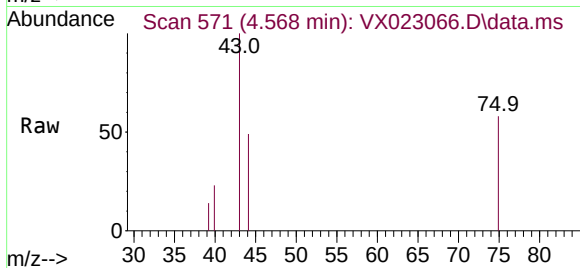
Acq: 01 Jul 2021 05:03

Tgt Ion: 43 Resp: 697

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.621 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX023066.D

Acq: 01 Jul 2021 05:03

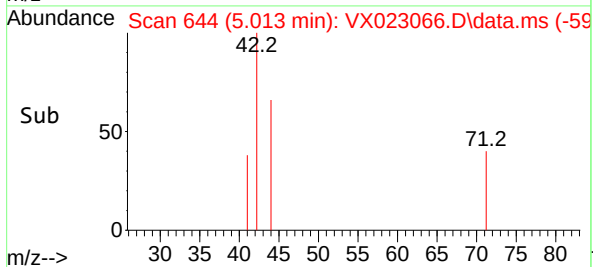
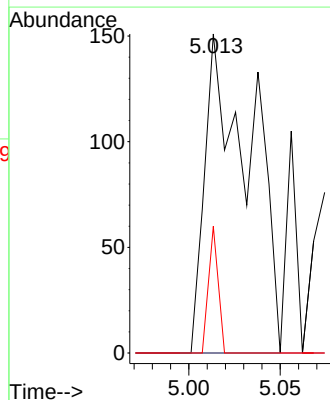
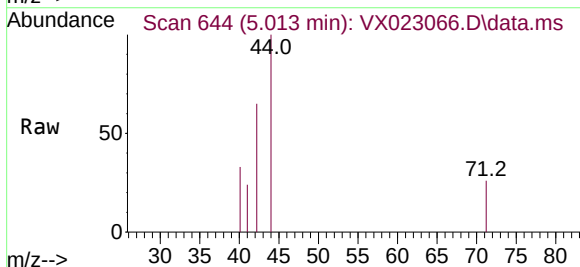
Tgt Ion: 42 Resp: 260

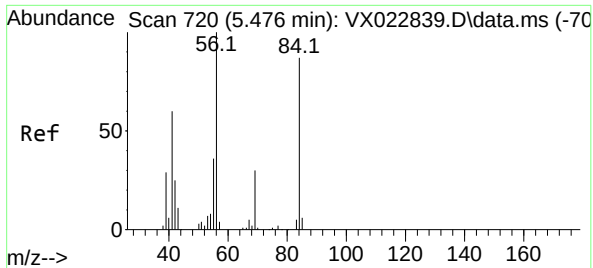
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

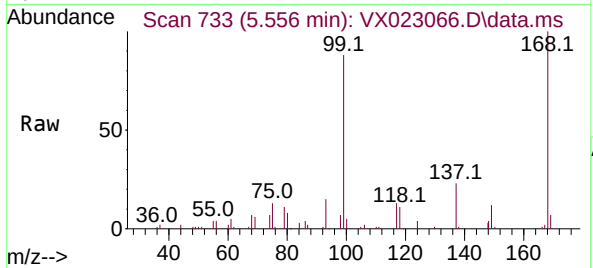
71 8.5 38.4 57.6#



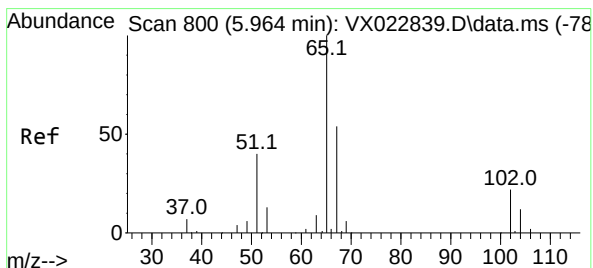
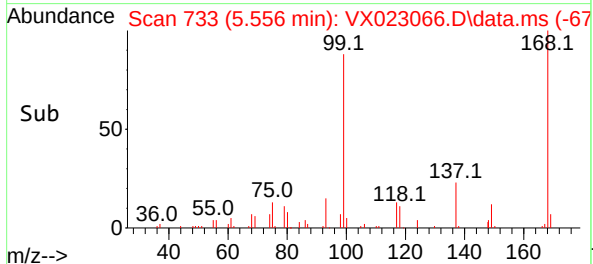
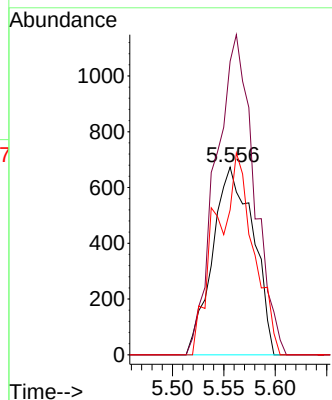


#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Instrument :
MSVOA_X
ClientSampleId :

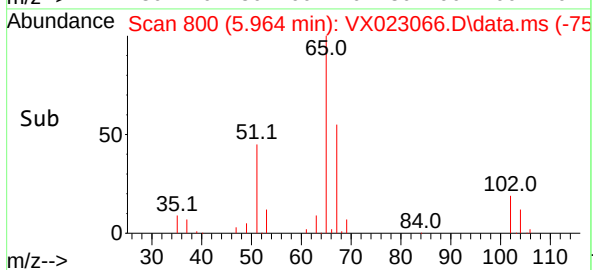
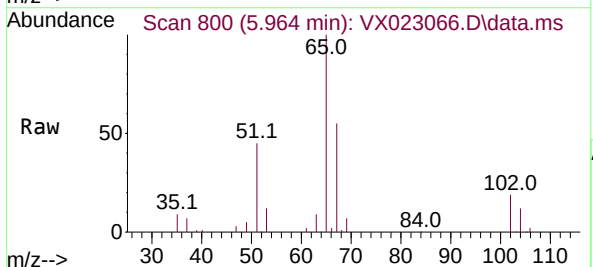
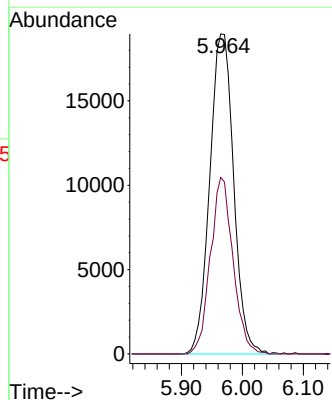


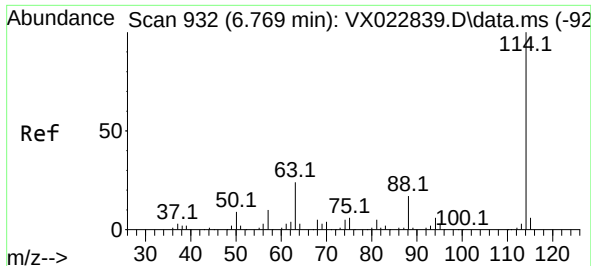
Tgt Ion: 56 Resp: 1852
Ion Ratio Lower Upper
56 100
69 156.3 25.3 37.9#
84 77.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.739 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion: 65 Resp: 51719
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

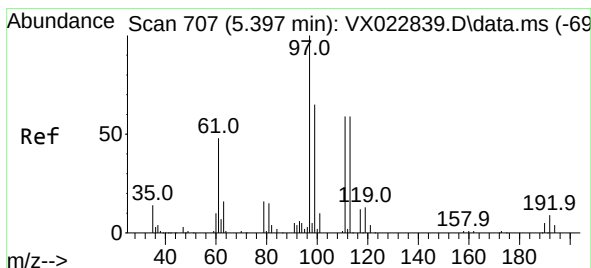
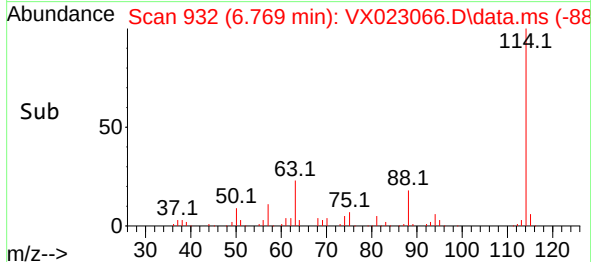
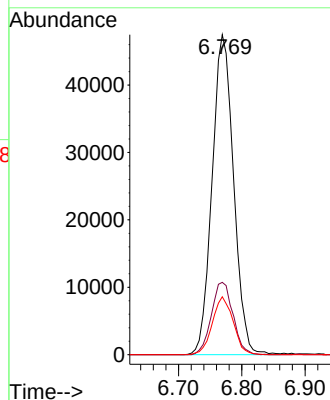
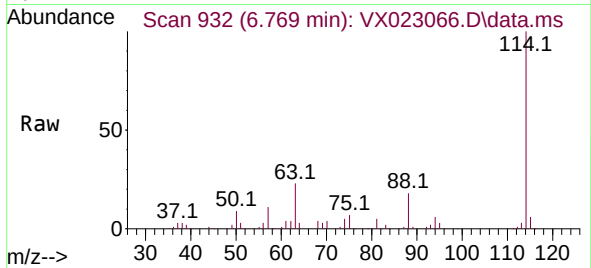




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

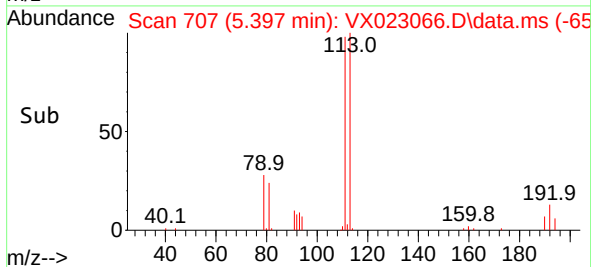
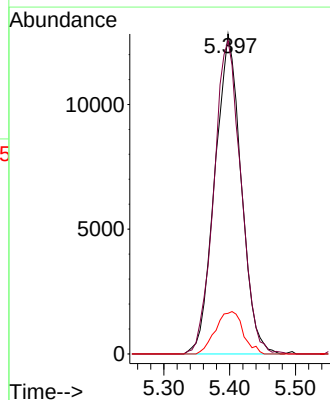
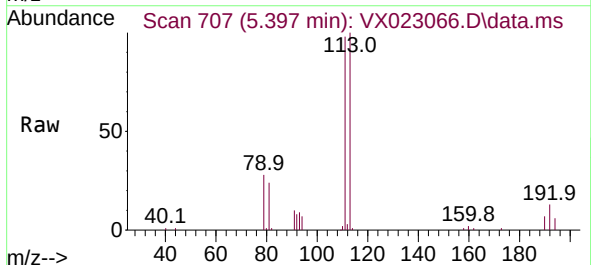
Instrument :
MSVOA_X
ClientSampled :

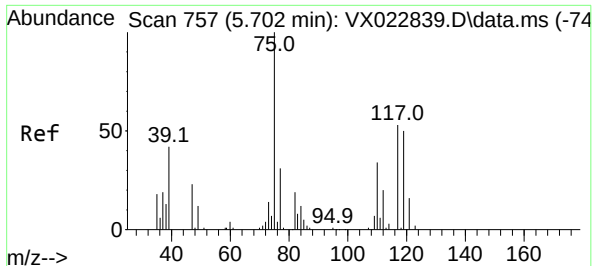
Tgt Ion:114 Resp: 111899
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 18.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.242 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion:113 Resp: 35701
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 13.8 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.366 ug/l

RT: 5.562 min Scan# 734

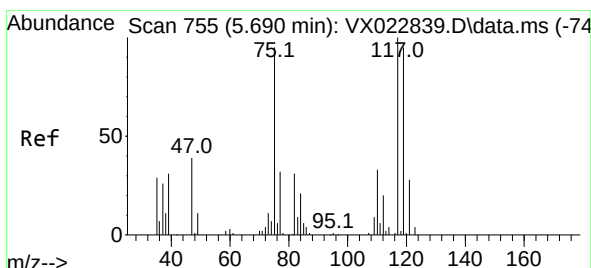
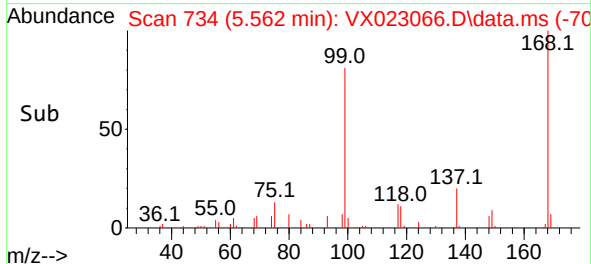
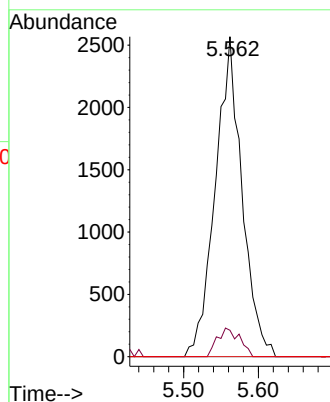
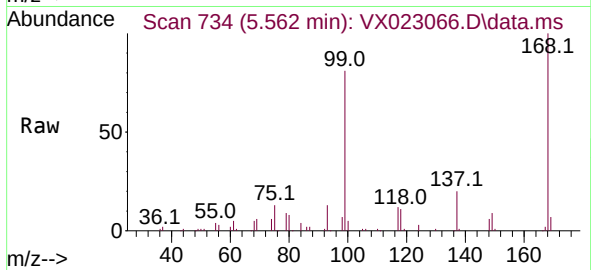
Delta R.T. -0.140 min

Lab File: VX023066.D

Acq: 01 Jul 2021 05:03

Tgt Ion:	75	Resp:	6378
Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.933 ug/l

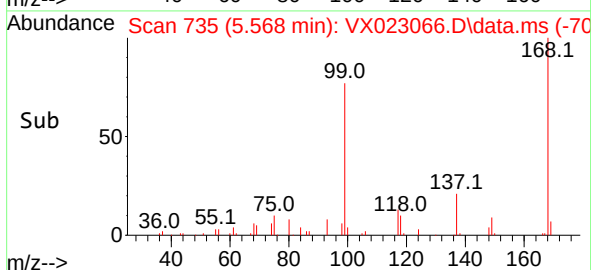
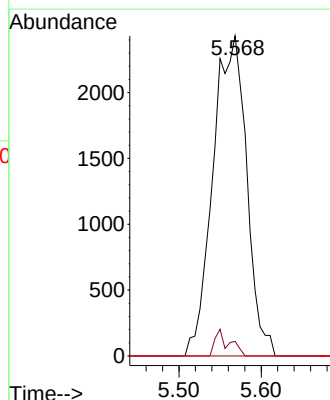
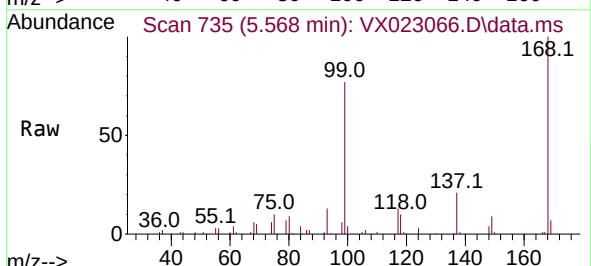
RT: 5.568 min Scan# 735

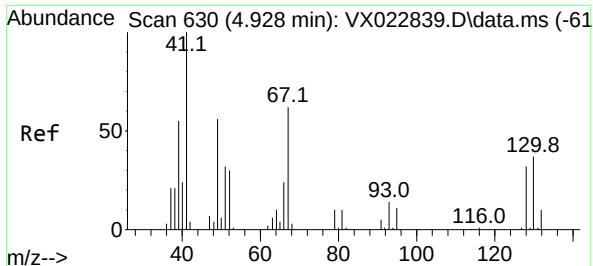
Delta R.T. -0.122 min

Lab File: VX023066.D

Acq: 01 Jul 2021 05:03

Tgt Ion:	117	Resp:	6911
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#

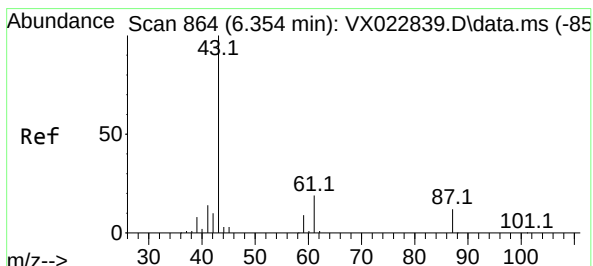
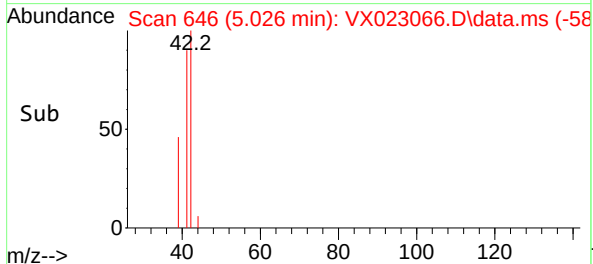
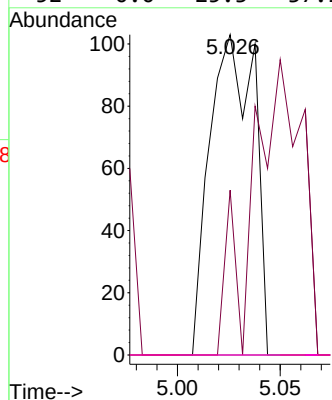
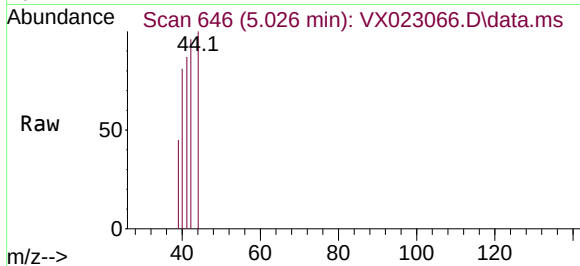




#41
Methacrylonitrile
Concen: 0.204 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.098 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

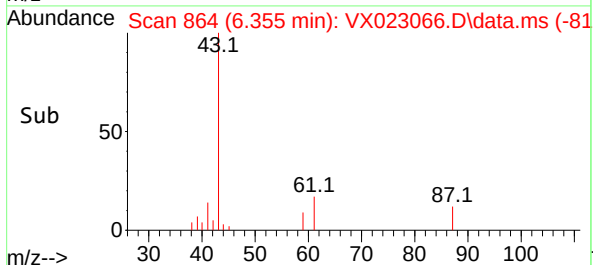
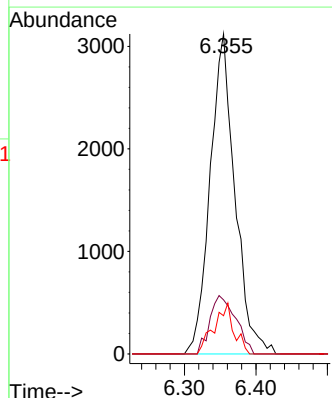
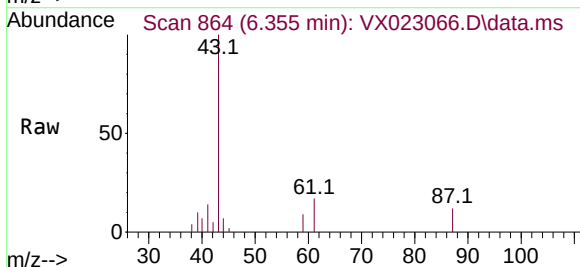
Instrument :
MSVOA_X
ClientSampled :

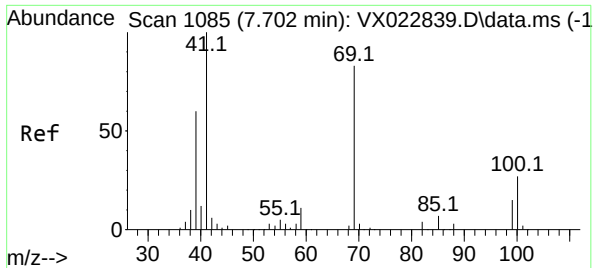
Tgt Ion: 41	Resp:	155
Ion	Ratio	Lower Upper
41	100	
39	0.0	42.5 63.7#
67	0.0	65.0 97.6#
52	0.0	25.3 37.9#



#43
Isopropyl Acetate
Concen: 3.400 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion: 43	Resp:	7525
Ion	Ratio	Lower Upper
43	100	
61	19.0	18.2 27.4
87	12.7	12.5 18.7





#48

Methyl methacrylate

Concen: 1.927 ug/l

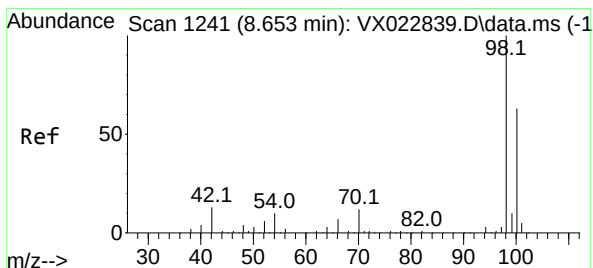
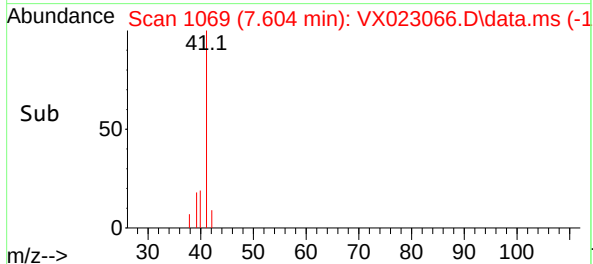
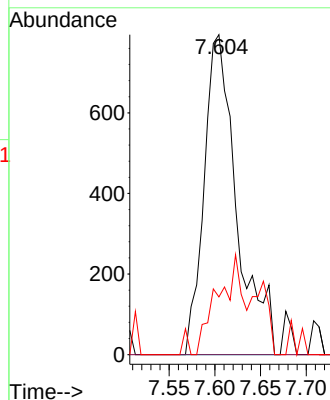
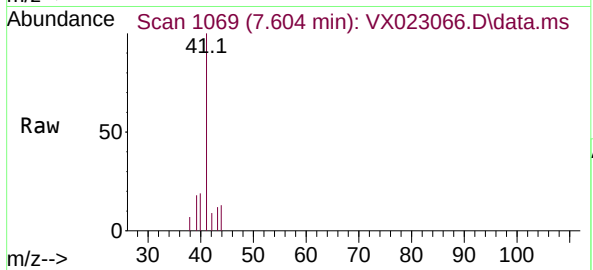
RT: 7.604 min Scan# 1069

Delta R.T. -0.098 min

Lab File: VX023066.D

Acq: 01 Jul 2021 05:03

Tgt Ion:	41	Resp:	1974
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	23.6	44.6	67.0#



#50

Toluene-d8

Concen: 49.944 ug/l

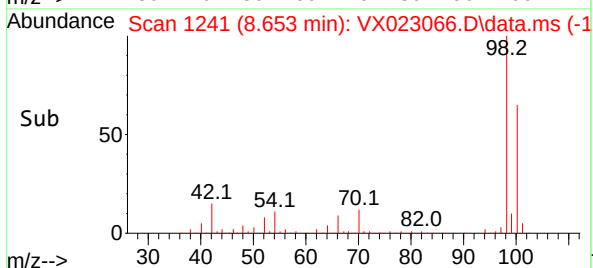
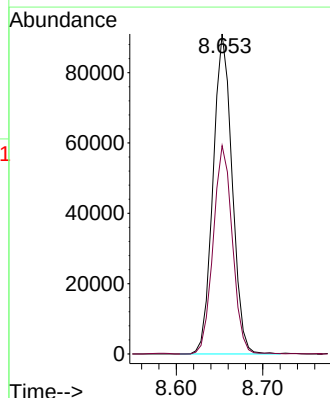
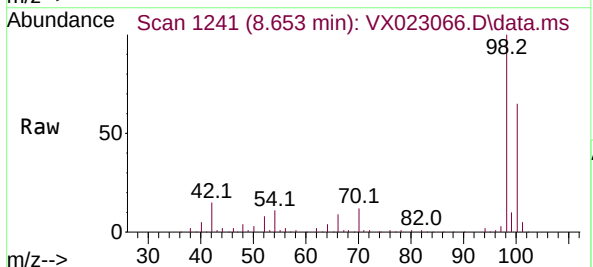
RT: 8.653 min Scan# 1241

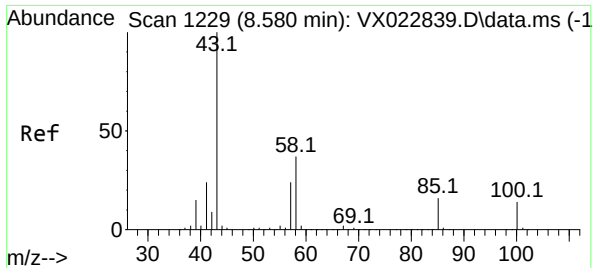
Delta R.T. -0.000 min

Lab File: VX023066.D

Acq: 01 Jul 2021 05:03

Tgt Ion:	98	Resp:	139091
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9

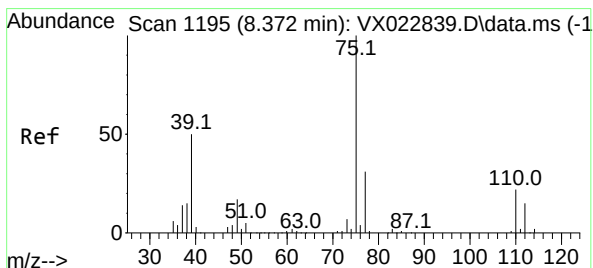
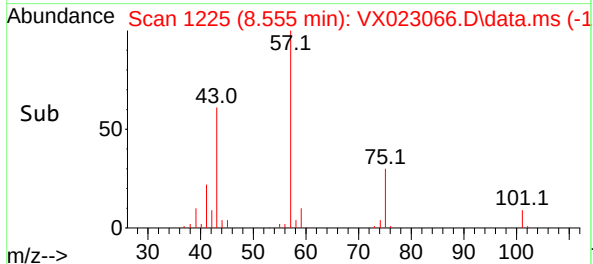
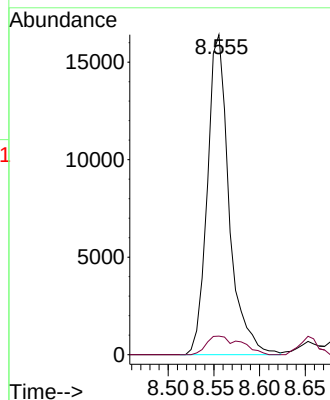
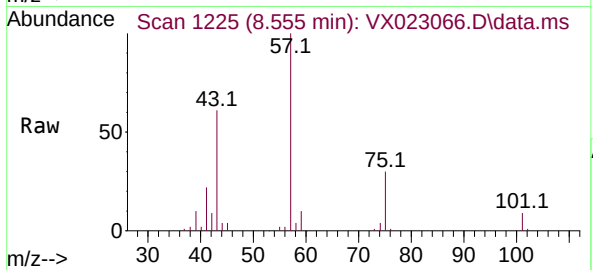




#51
4-Methyl-2-Pentanone
Concen: 19.682 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

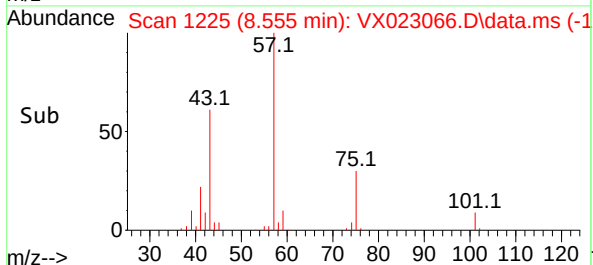
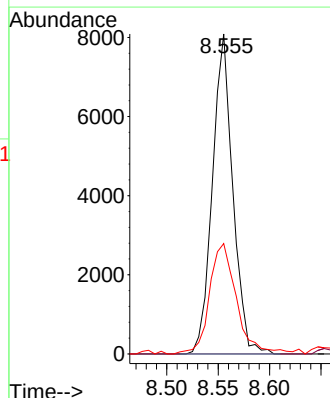
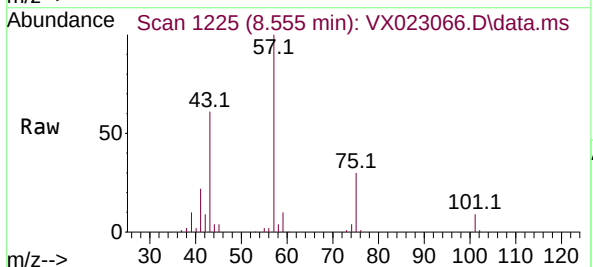
Instrument :
MSVOA_X
ClientSampled :

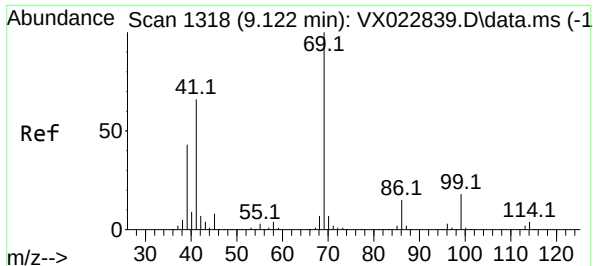
Tgt Ion: 43 Resp: 27114
Ion Ratio Lower Upper
43 100
58 9.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 9.613 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion: 75 Resp: 11139
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 33.9 35.1 52.7#

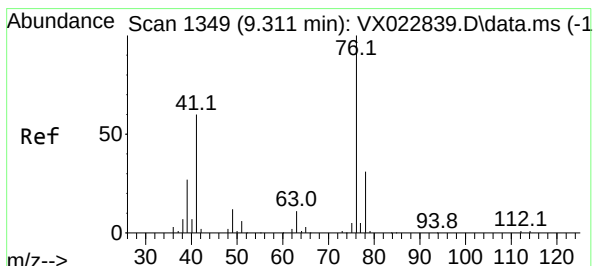
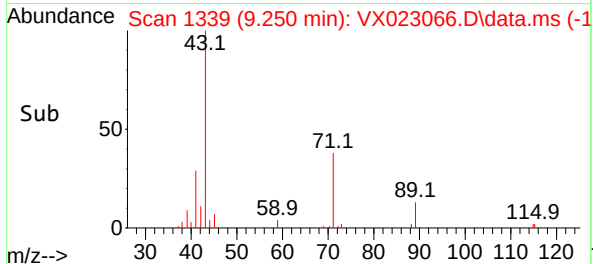
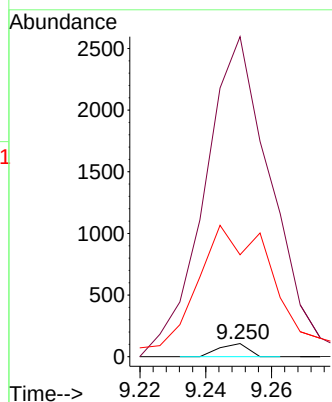
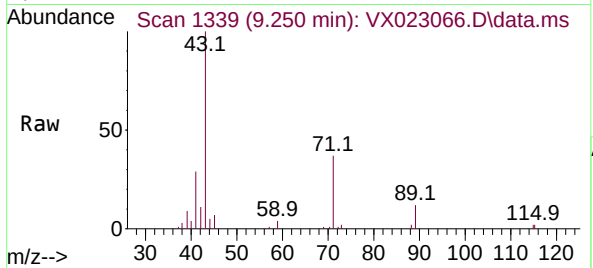




#56
Ethyl methacrylate
Concen: 2.619 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

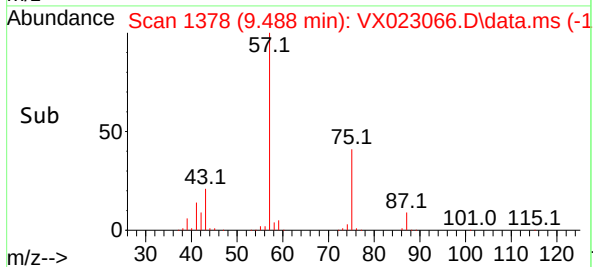
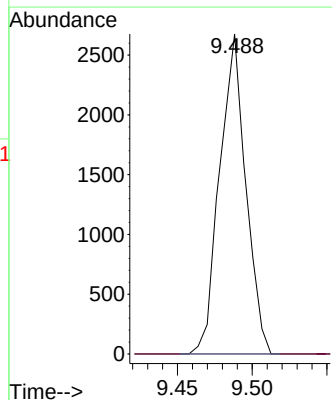
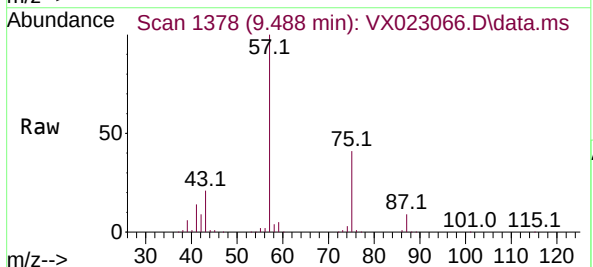
Instrument :
MSVOA_X
ClientSampled :

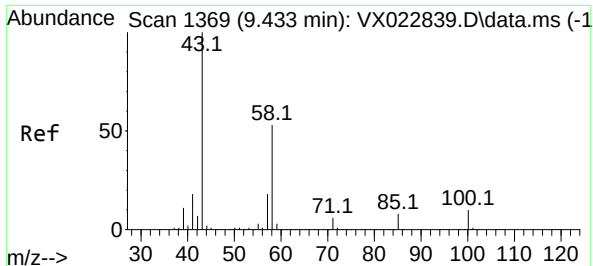
Tgt Ion: 69 Resp: 65
Ion Ratio Lower Upper
69 100
41 5786.2 46.8 70.2#
39 2806.2 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 2.153 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion: 76 Resp: 3253
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

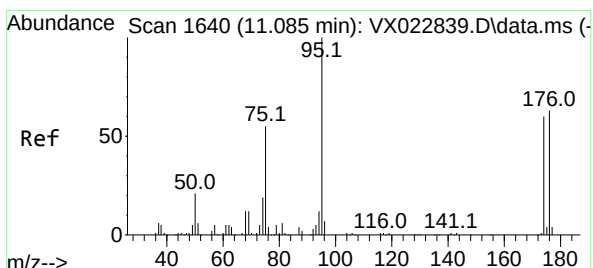
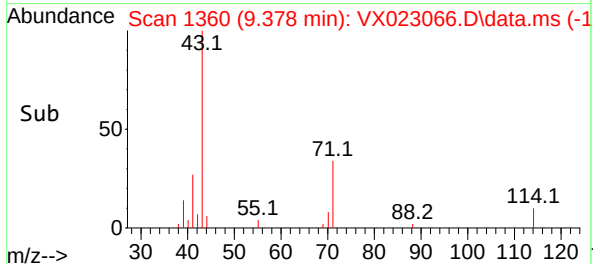
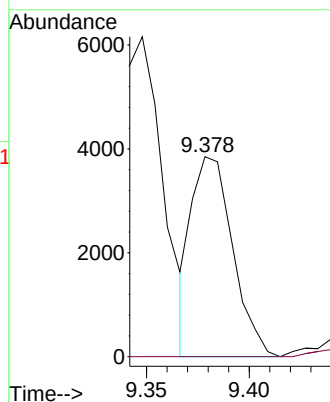
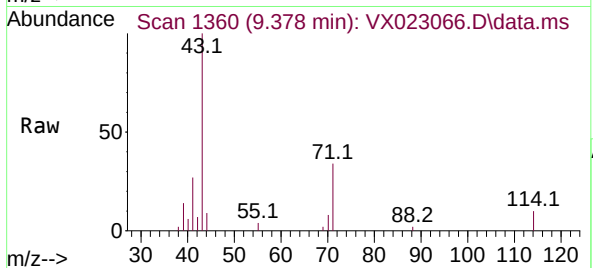




#59
2-Hexanone
Concen: 5.150 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

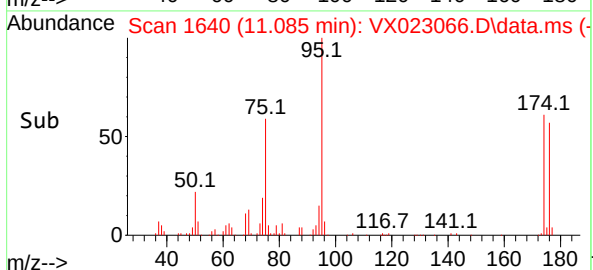
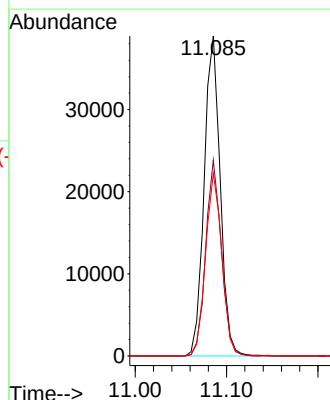
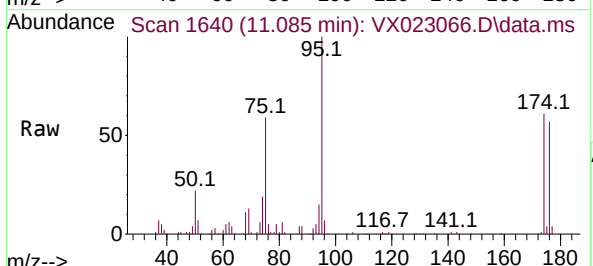
Instrument :
MSVOA_X
ClientSampled :

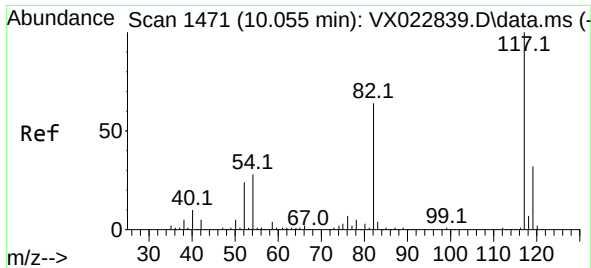
Tgt Ion: 43 Resp: 5382
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 45.745 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion: 95 Resp: 47545
Ion Ratio Lower Upper
95 100
174 59.8 0.0 154.6
176 57.7 0.0 155.8

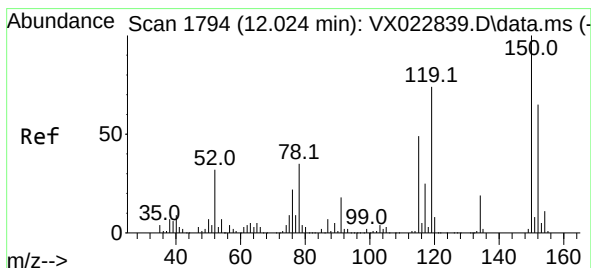
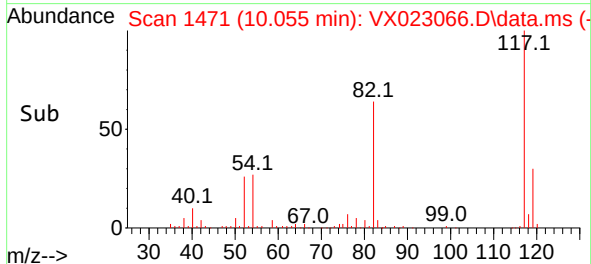
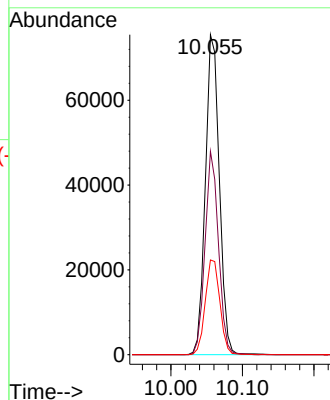
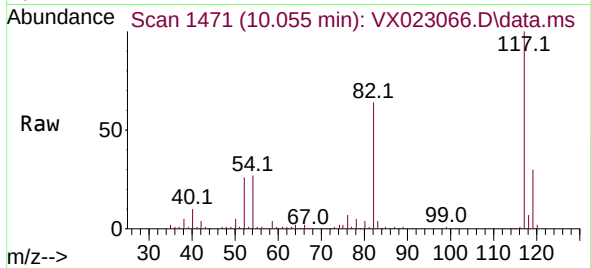




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

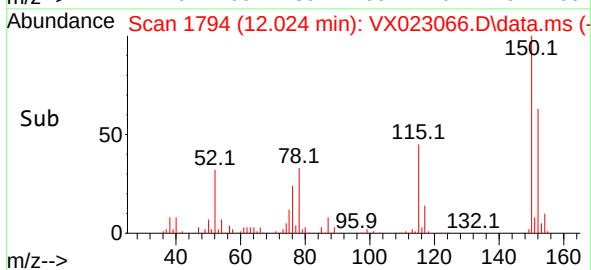
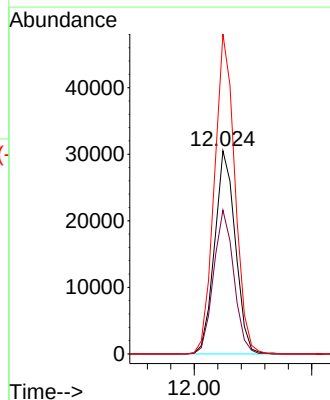
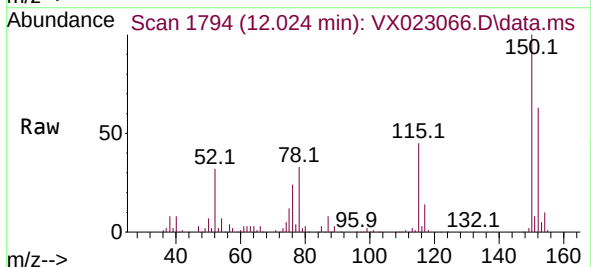
Instrument :
MSVOA_X
ClientSampled :

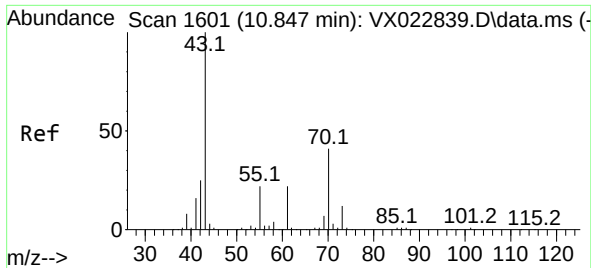
Tgt Ion:117 Resp: 102628
Ion Ratio Lower Upper
117 100
82 63.6 47.4 71.2
119 29.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

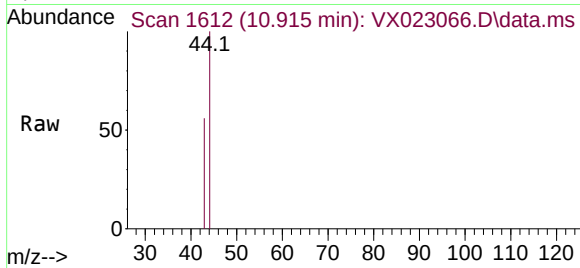
Tgt Ion:152 Resp: 37384
Ion Ratio Lower Upper
152 100
115 69.4 41.1 123.3
150 155.7 0.0 349.0



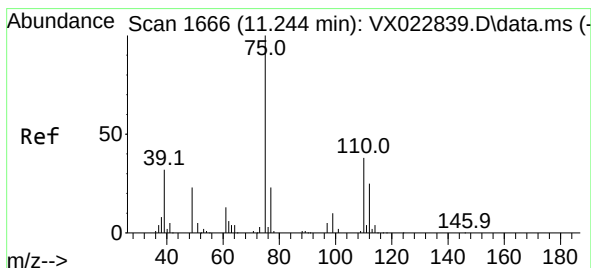
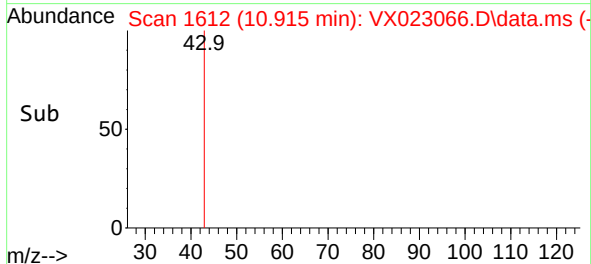
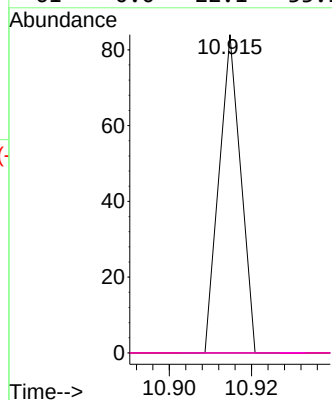


#74
N-amy1 acetate
Concen: 2.072 ug/l
RT: 10.915 min Scan# 1612
Delta R.T. 0.068 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Instrument :
MSVOA_X
ClientSampled :

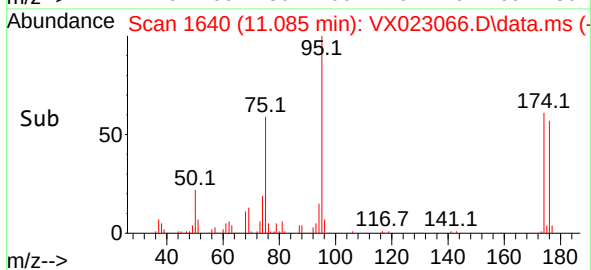
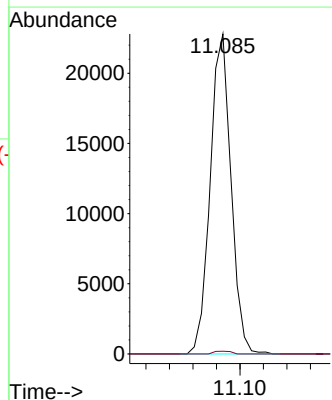
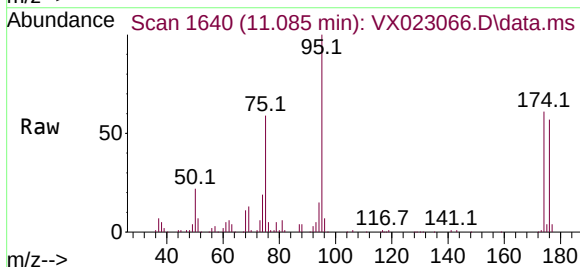


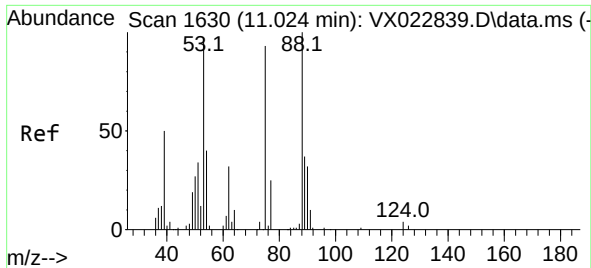
Tgt Ion: 43	Resp: 31
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 28.377 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion: 75	Resp: 28021
Ion Ratio	Lower Upper
75	100
77	0.7 19.1 57.5#

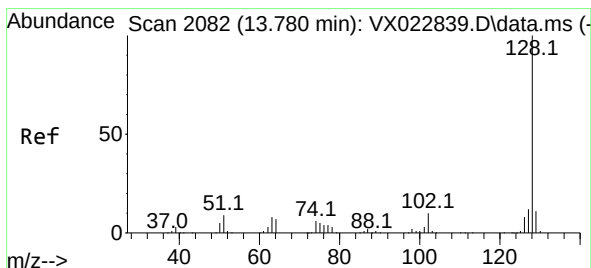
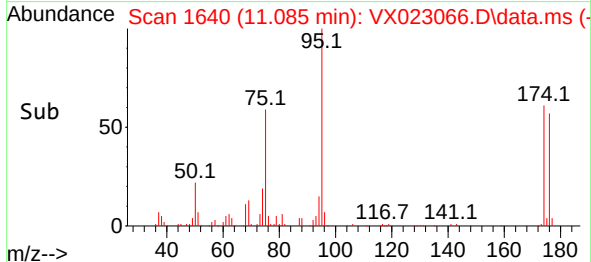
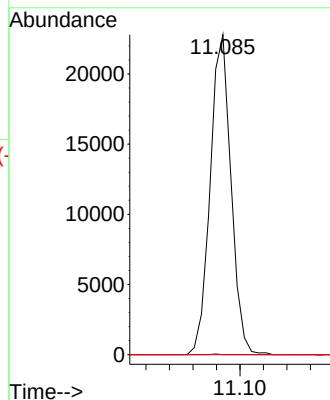
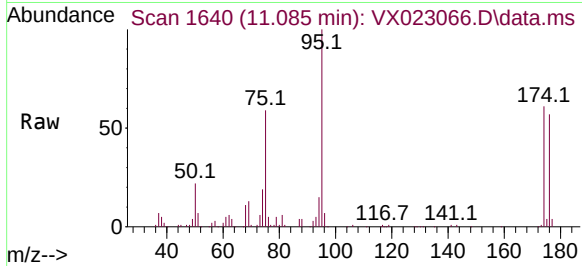




#81
trans-1,4-Dichloro-2-butene
Concen: 73.177 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 28021
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.934 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023066.D
Acq: 01 Jul 2021 05:03

Tgt Ion:128 Resp: 37
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

