

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022403.D
 Acq On : 04 Jun 2021 06:07
 Operator : JC/MD
 Sample : M2580-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 07:10:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

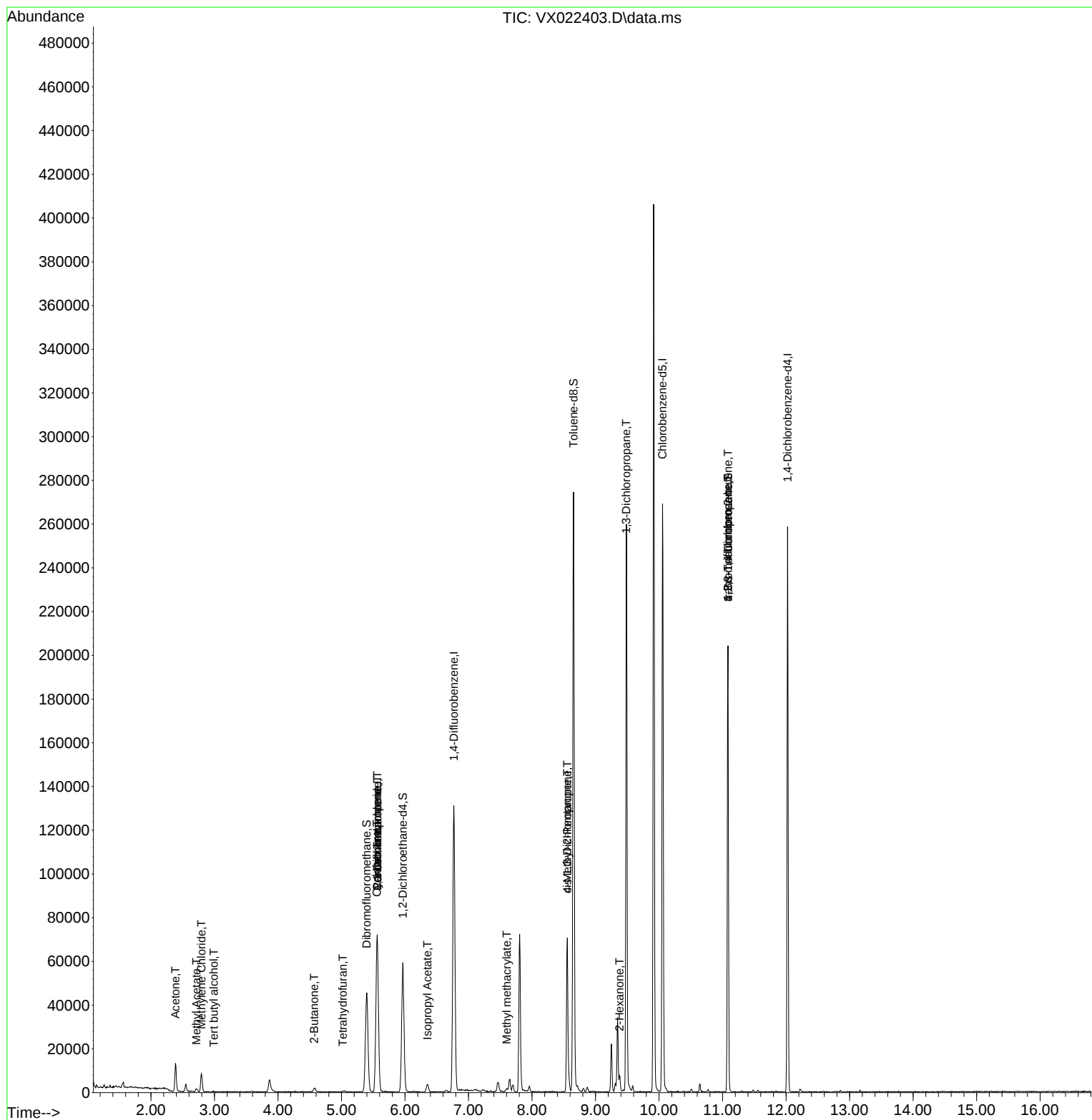
Internal Standards						
1) Pentafluorobenzene	5.562	168	60721	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53115	56.71	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	113.42%	
35) Dibromofluoromethane	5.397	113	38582	47.61	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	95.22%	
50) Toluene-d8	8.653	98	159830	51.20	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.085	95	56113	48.63	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	97.26%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.989	59	64	0.30	ug/l	# 73
16) Acetone	2.386	43	13869	34.01	ug/l	89
18) Methyl Acetate	2.715	43	2110	1.95	ug/l	# 85
20) Methylene Chloride	2.794	84	3579	3.95	ug/l	# 65
25) 2-Butanone	4.568	43	3285	4.98	ug/l	# 77
29) Tetrahydrofuran	5.019	42	151	0.38	ug/l	# 27
31) Cyclohexane	5.556	56	1752	1.49	ug/l	# 60
36) 1,1-Dichloropropene	5.562	75	6166	5.22	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	6825	5.90	ug/l	# 16
43) Isopropyl Acetate	6.354	43	4906	2.07	ug/l	# 82
48) Methyl methacrylate	7.604	41	2885	2.64	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.555	43	26316	18.54	ug/l	# 47
54) cis-1,3-Dichloropropene	8.555	75	11733	7.51	ug/l	# 60
57) 1,3-Dichloropropane	9.482	76	2096	1.31	ug/l	# 42
59) 2-Hexanone	9.378	43	4323	4.05	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	29877	27.20	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29877	64.44	ug/l	# 12

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

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Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

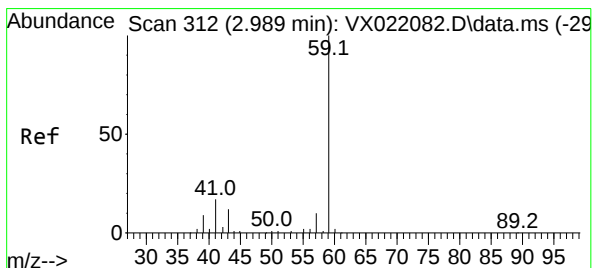
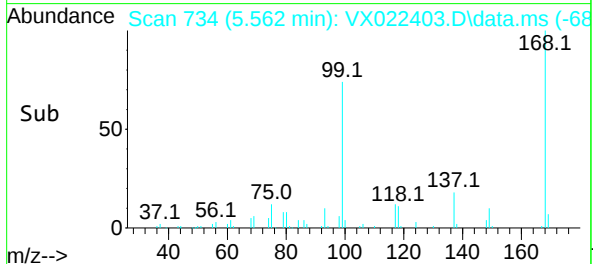
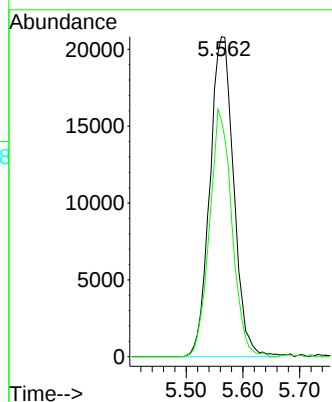
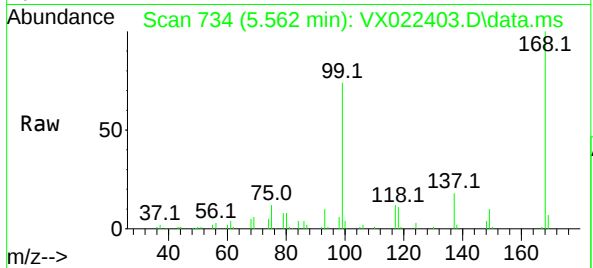




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

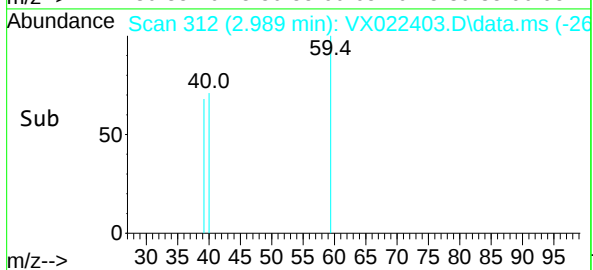
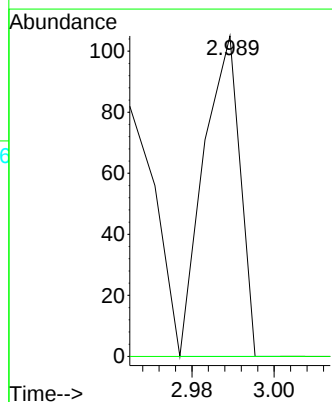
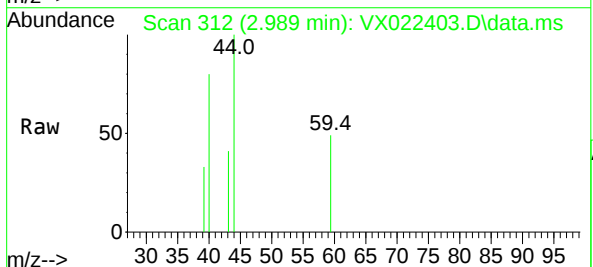
Instrument :
MSVOA_X
ClientSampled :

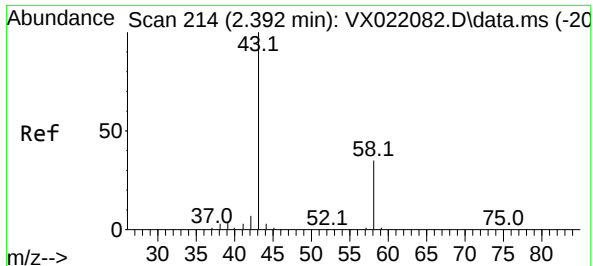
Tgt Ion:168 Resp: 60721
Ion Ratio Lower Upper
168 100
99 73.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.30 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

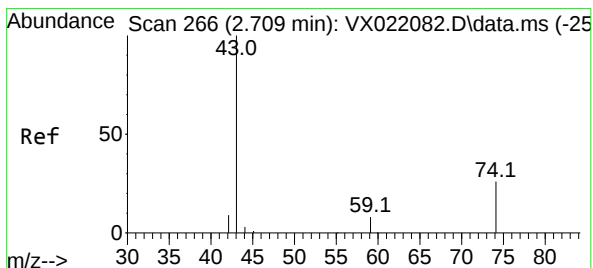
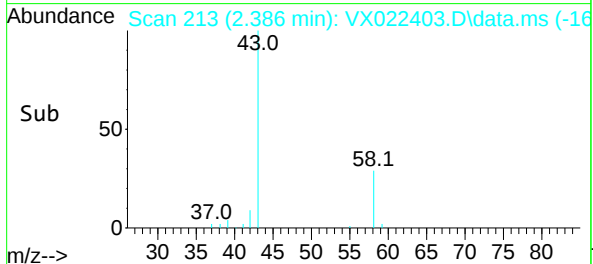
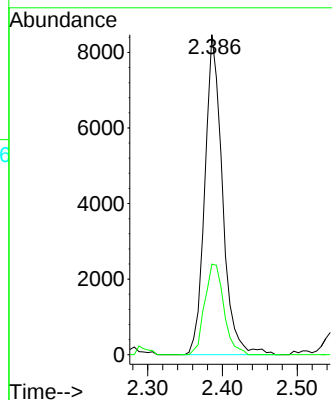
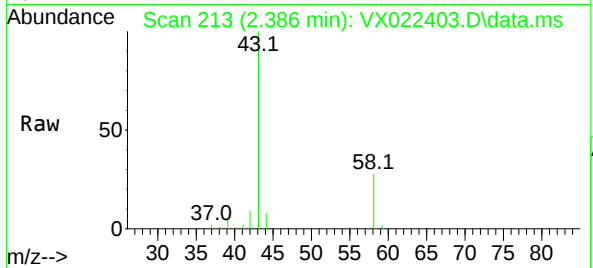




#16
Acetone
Concen: 34.01 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

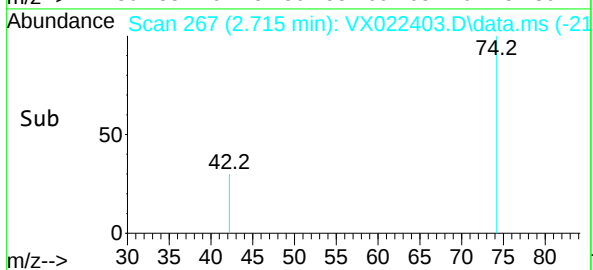
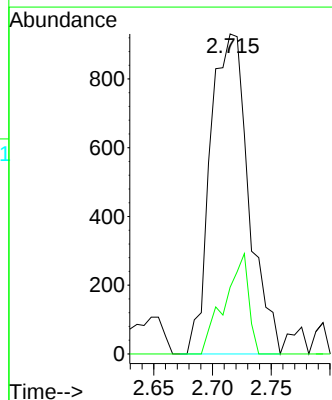
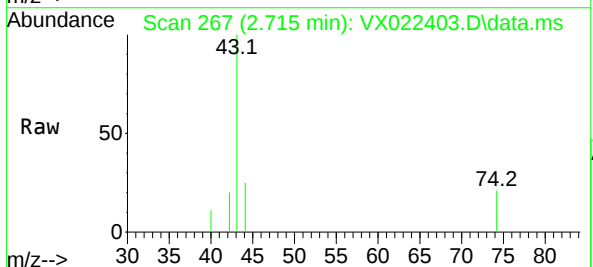
Instrument :
MSVOA_X
ClientSampled :

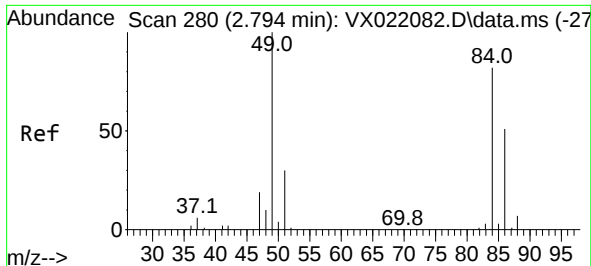
Tgt Ion: 43 Resp: 13869
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8



#18
Methyl Acetate
Concen: 1.95 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
74 19.6 21.9 32.9#



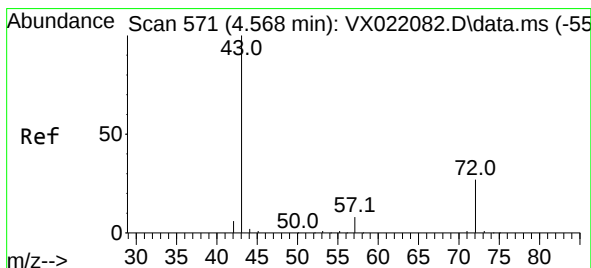
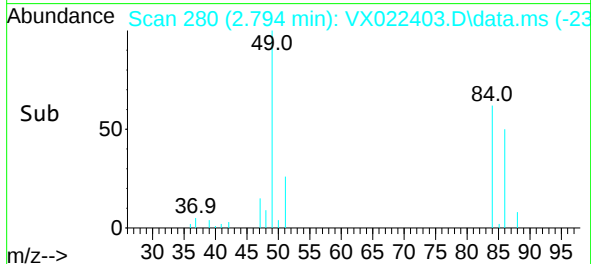
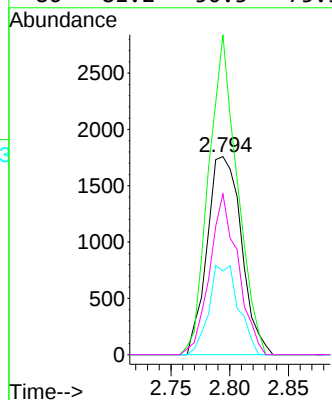
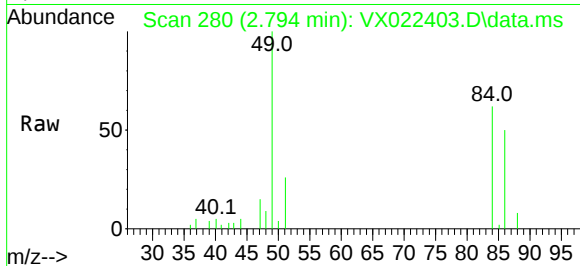


#20
Methylene Chloride
Concen: 3.95 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 3579

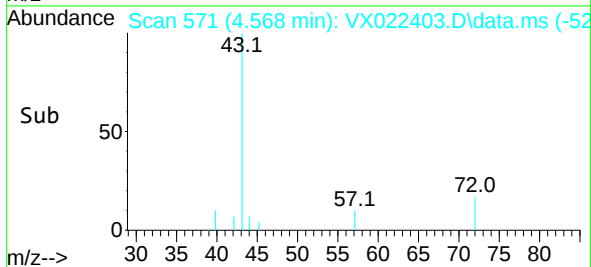
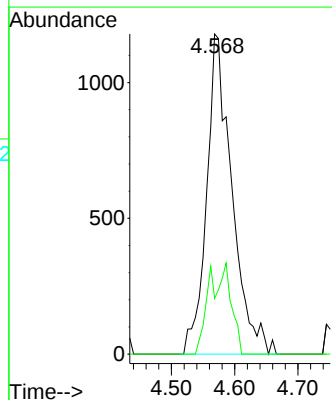
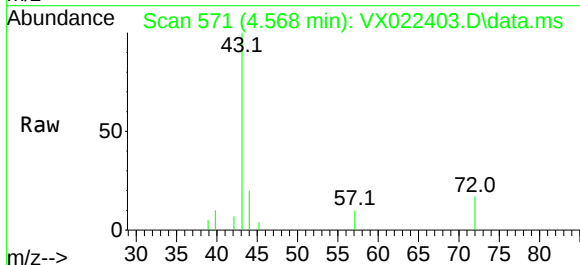
Ion	Ratio	Lower	Upper
84	100		
49	161.5	88.6	132.8#
51	42.2	27.0	40.6#
86	81.2	50.3	75.5#

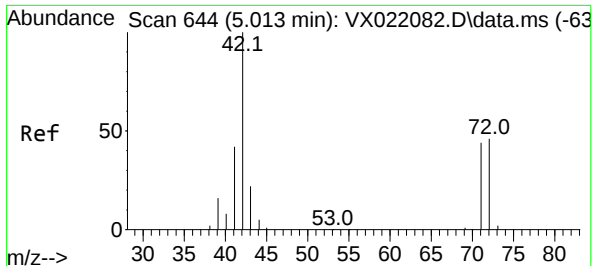


#25
2-Butanone
Concen: 4.98 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 43 Resp: 3285

Ion	Ratio	Lower	Upper
43	100		
72	17.4	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.38 ug/l

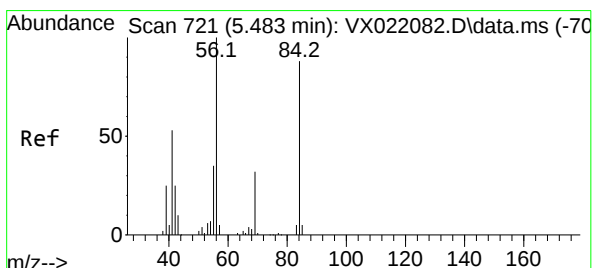
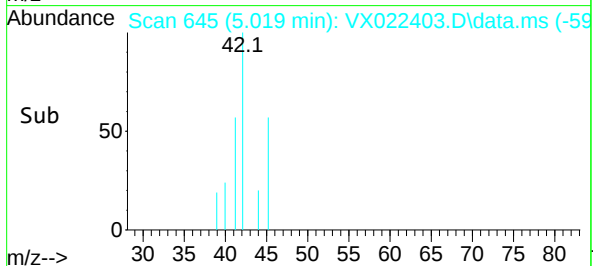
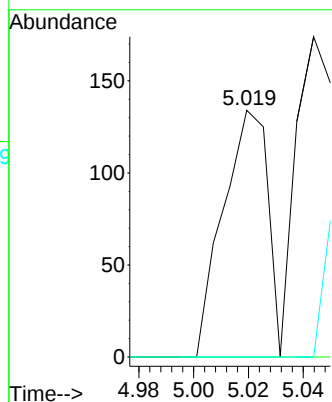
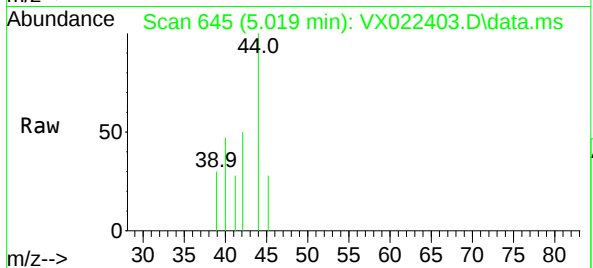
RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

Tgt Ion: 42	Resp: 151
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 0.0	38.4 57.6#



#31

Cyclohexane

Concen: 1.49 ug/l

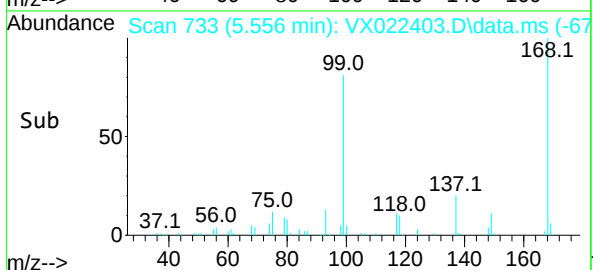
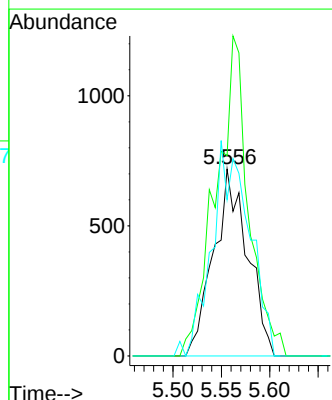
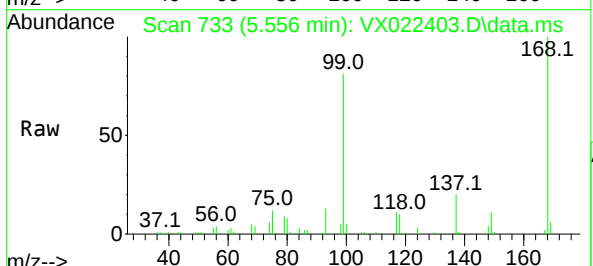
RT: 5.556 min Scan# 733

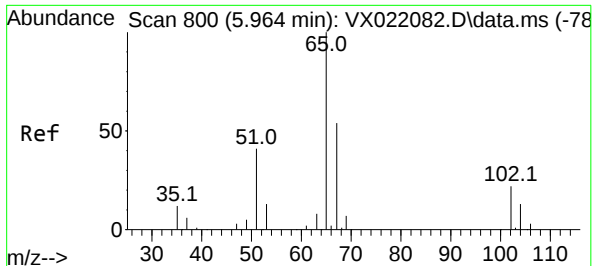
Delta R.T. 0.073 min

Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

Tgt Ion: 56	Resp: 1752
Ion Ratio	Lower Upper
56 100	
69 107.2	25.3 37.9#
84 83.7	71.4 107.0

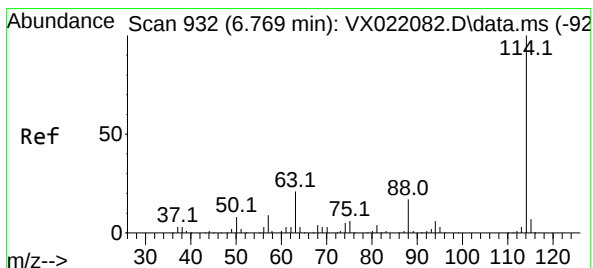
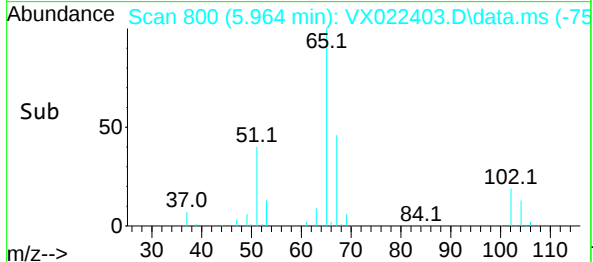
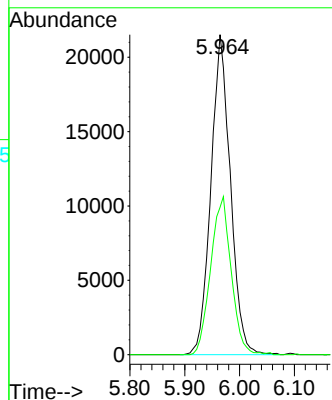
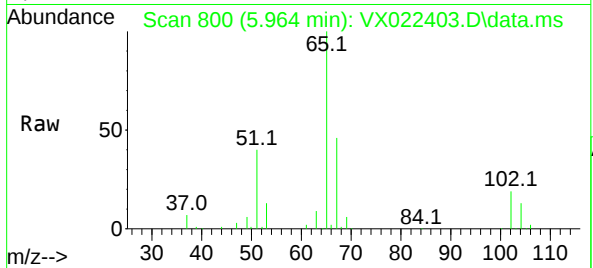




#33
1,2-Dichloroethane-d4
Concen: 56.71 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

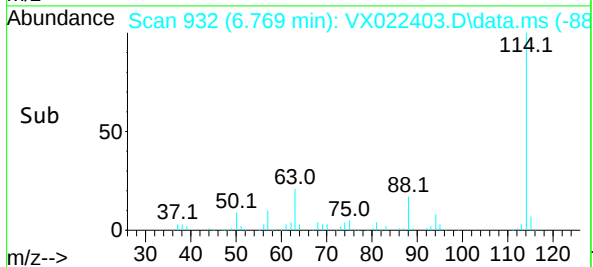
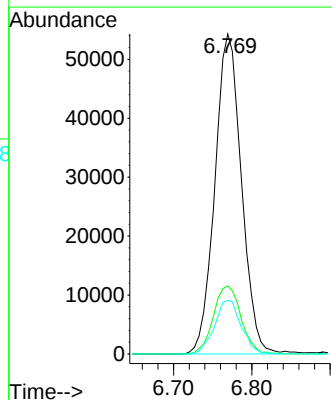
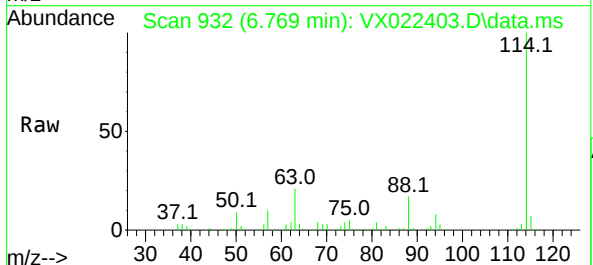
Instrument :
MSVOA_X
ClientSampled :

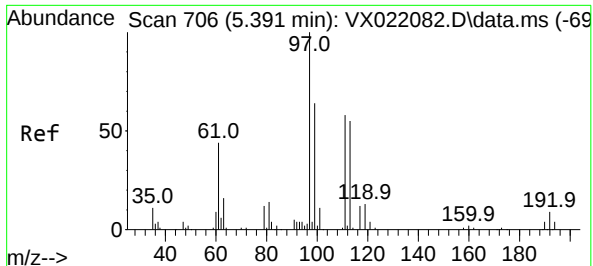
Tgt Ion: 65 Resp: 53115
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 114 Resp: 127784
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.61 ug/l

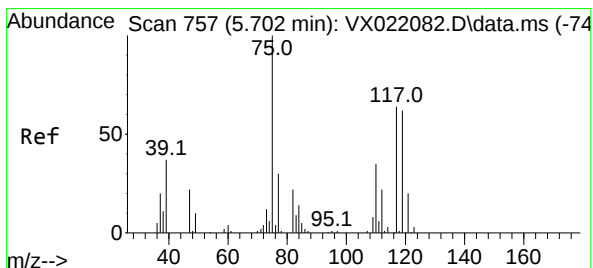
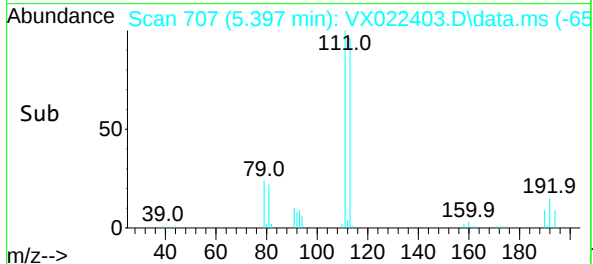
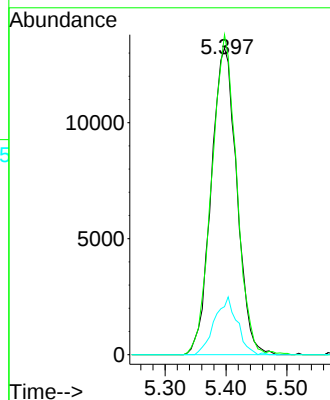
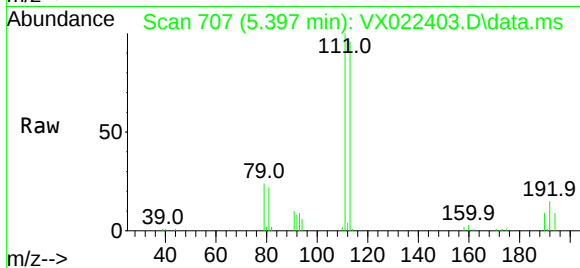
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

Tgt Ion:	113	Resp:	38582
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	16.7	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.22 ug/l

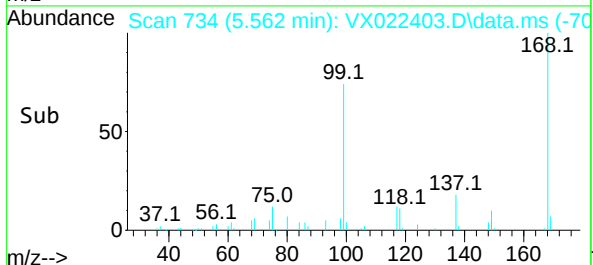
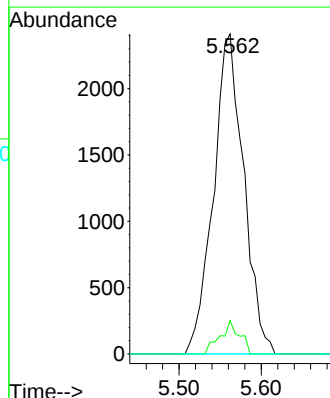
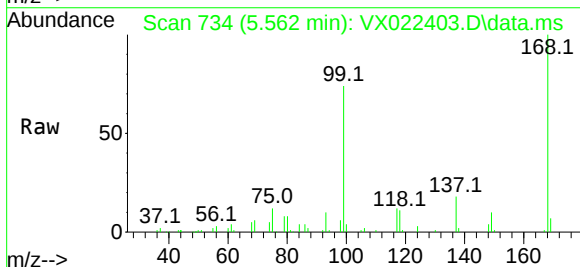
RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

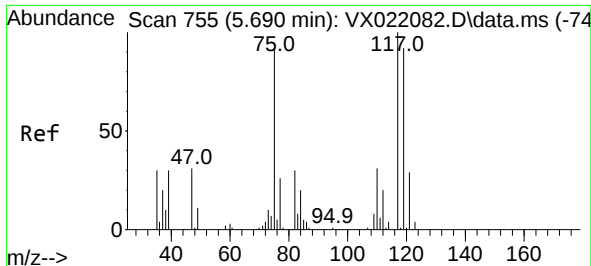
Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

Tgt Ion:	75	Resp:	6166
Ion	Ratio	Lower	Upper
75	100		
110	6.7	18.1	54.4#
77	0.0	25.3	37.9#

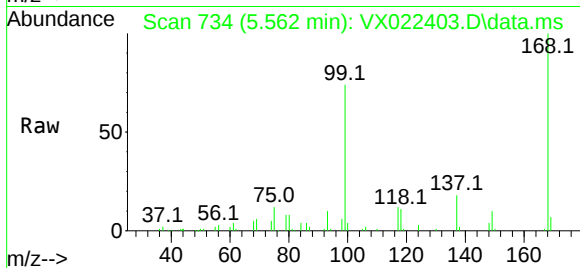


Instrument :
MSVOA_X
ClientSampled :

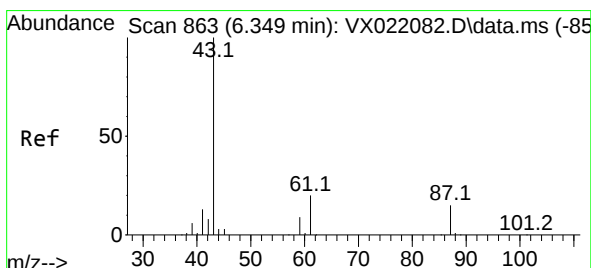
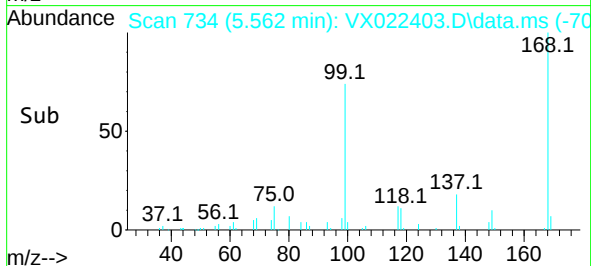
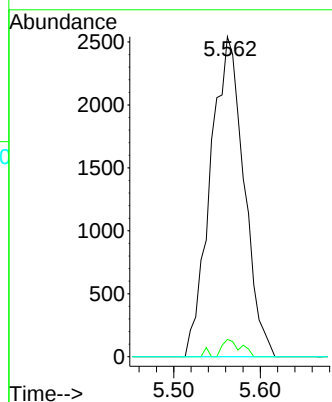


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Instrument :
MSVOA_X
ClientSampled :

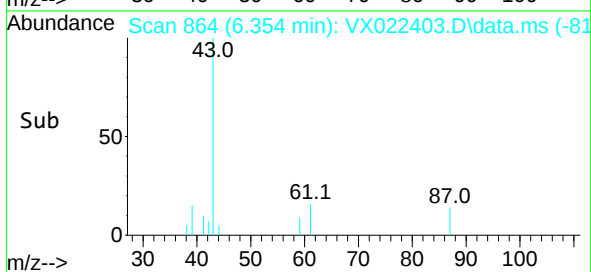
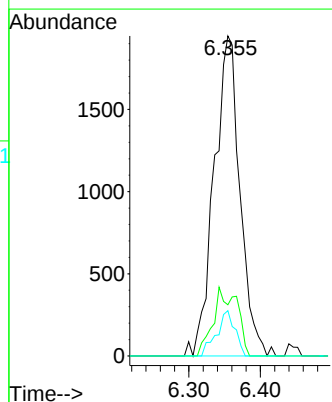
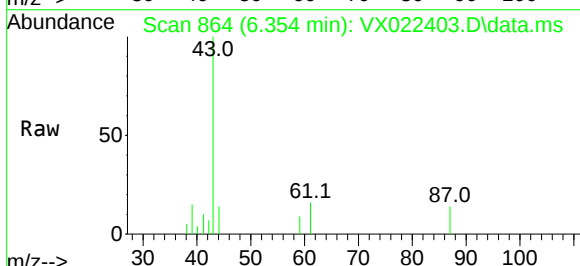


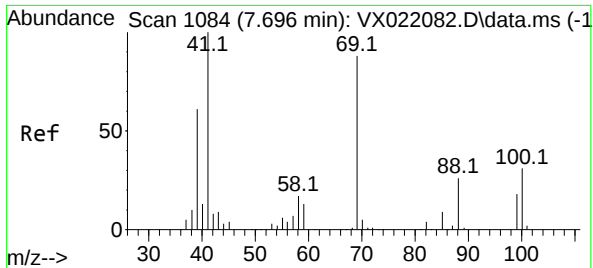
Tgt Ion:117 Resp: 6825
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 2.07 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 43 Resp: 4906
Ion Ratio Lower Upper
43 100
61 12.1 18.2 27.4#
87 10.0 12.5 18.7#

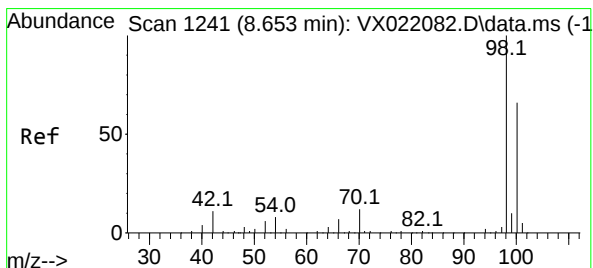
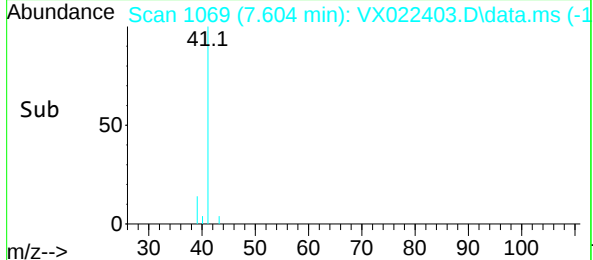
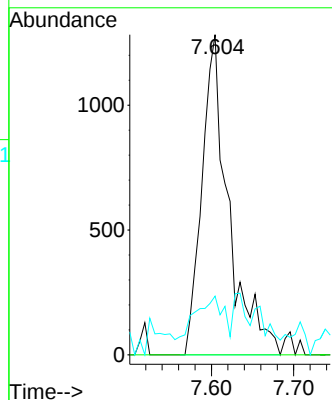
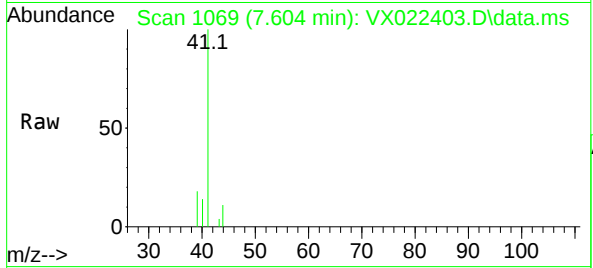




#48
Methyl methacrylate
Concen: 2.64 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

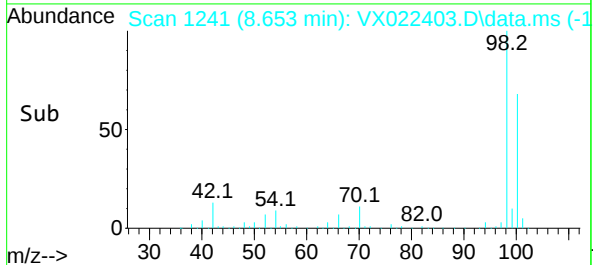
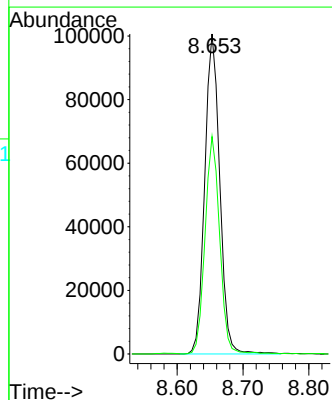
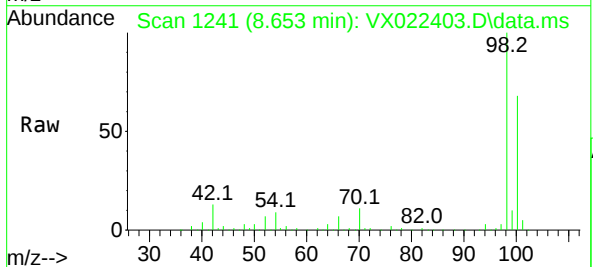
Instrument :
MSVOA_X
ClientSampled :

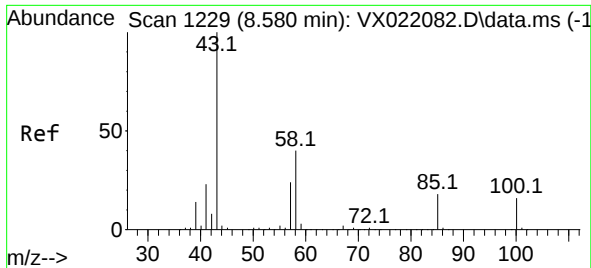
Tgt Ion: 41 Resp: 2885
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 13.3 44.6 67.0#



#50
Toluene-d8
Concen: 51.20 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 98 Resp: 159830
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

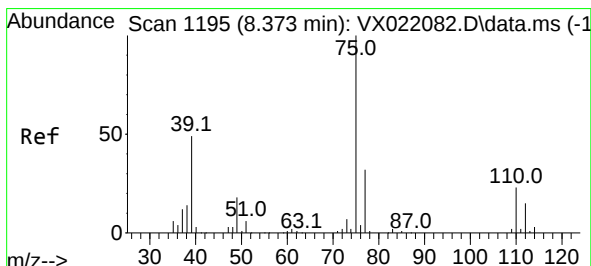
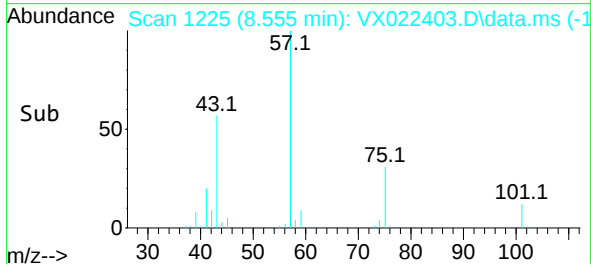
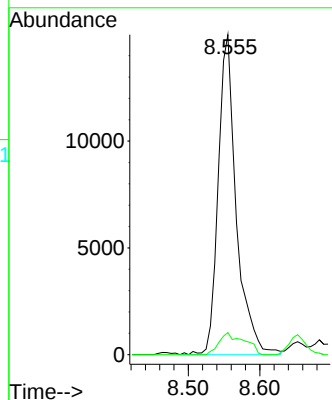
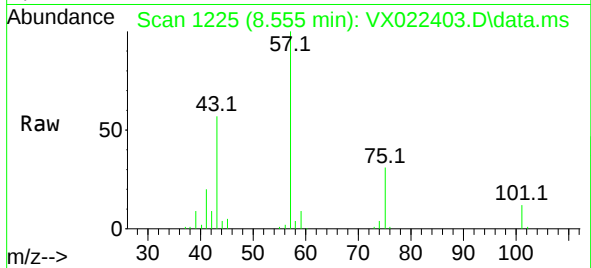




#51
4-Methyl-2-Pentanone
Concen: 18.54 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

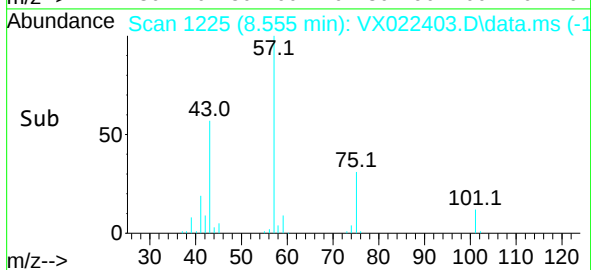
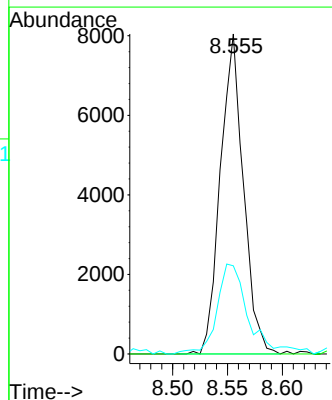
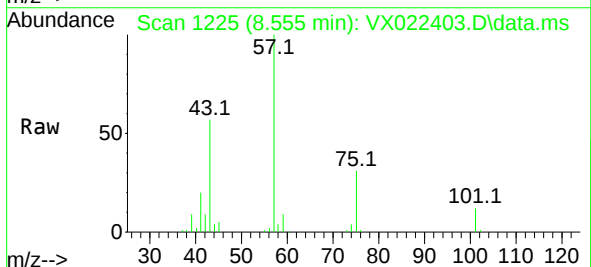
Instrument :
MSVOA_X
ClientSampled :

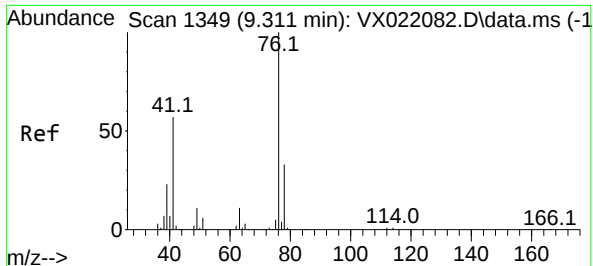
Tgt Ion: 43 Resp: 26316
Ion Ratio Lower Upper
43 100
58 9.6 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 7.51 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 75 Resp: 11733
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 26.8 35.1 52.7#

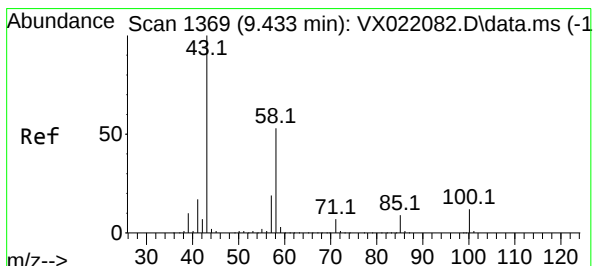
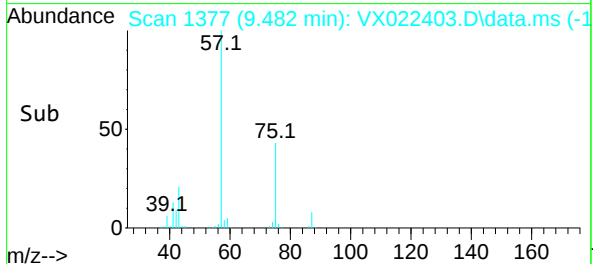
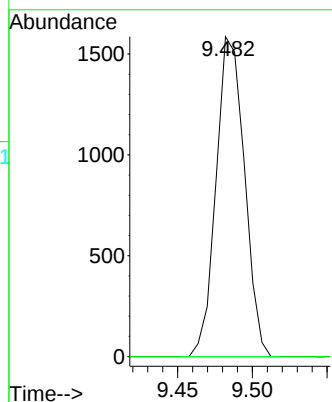
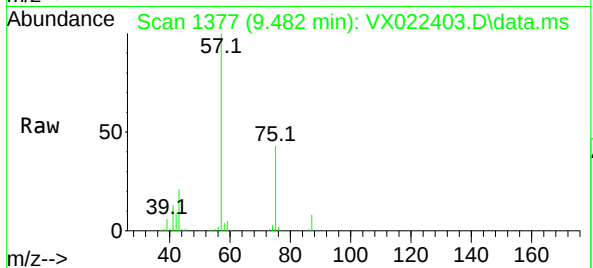




#57
1,3-Dichloropropane
Concen: 1.31 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

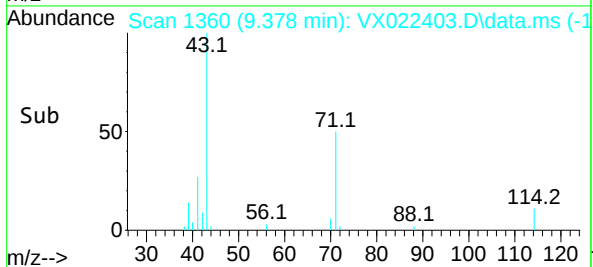
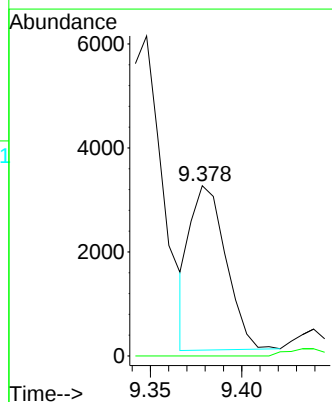
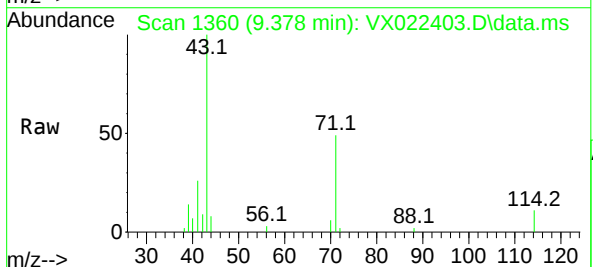
Instrument :
MSVOA_X
ClientSampled :

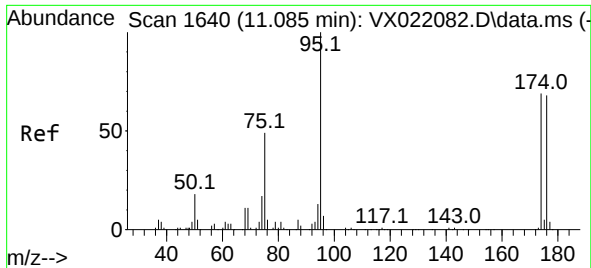
Tgt Ion: 76 Resp: 2096
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 4.05 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 43 Resp: 4323
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

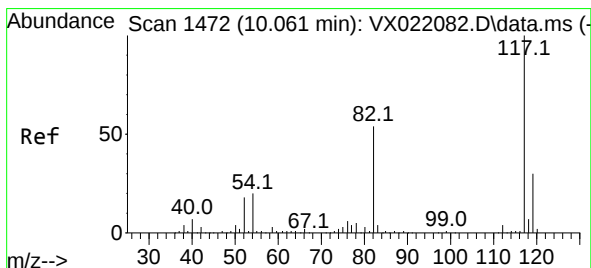
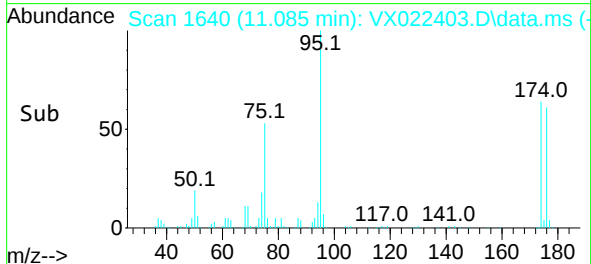
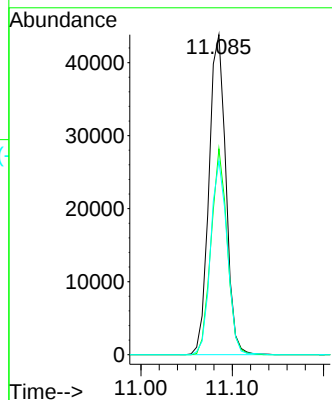
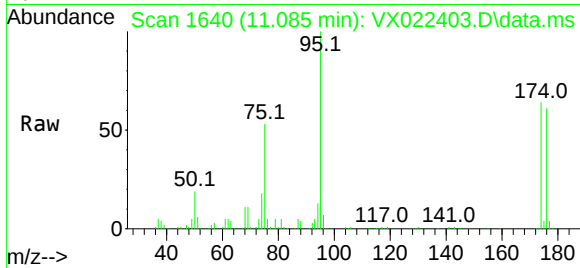




#62
4-Bromofluorobenzene
Concen: 48.63 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

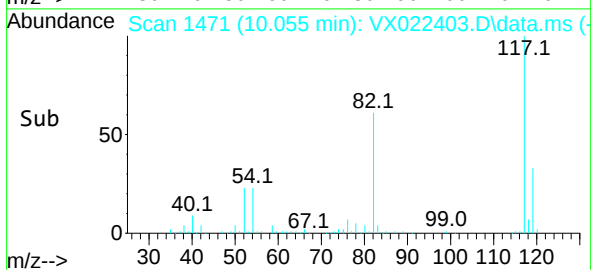
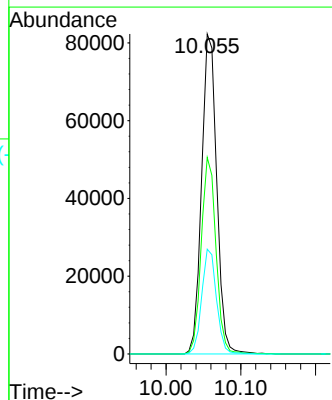
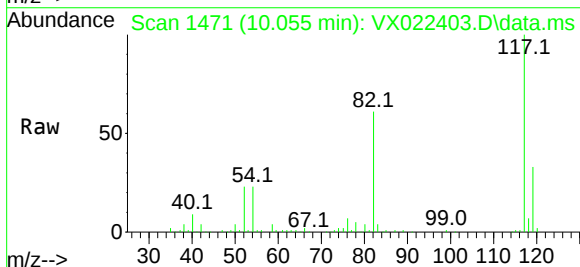
Instrument :
MSVOA_X
ClientSampled :

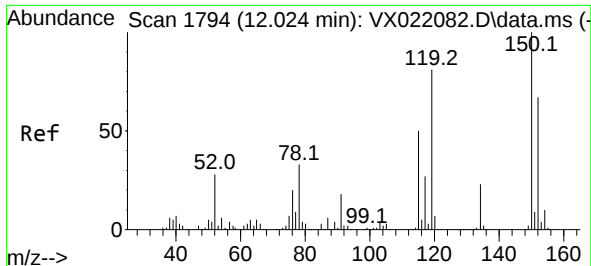
Tgt Ion: 95 Resp: 56113
Ion Ratio Lower Upper
95 100
174 61.3 0.0 154.6
176 59.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 117 Resp: 115694
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.7 26.6 39.8

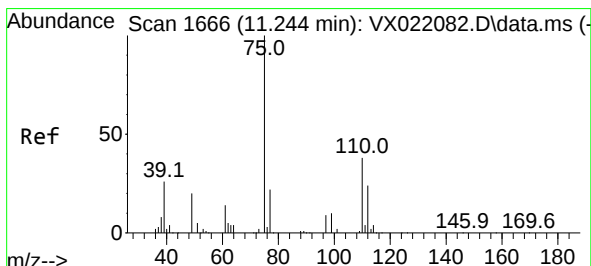
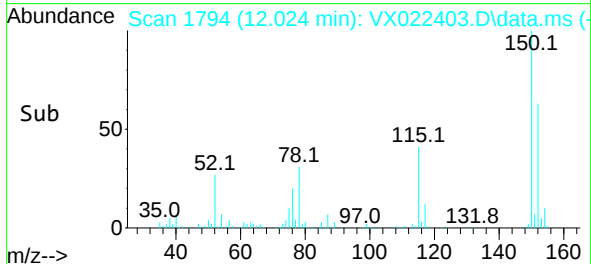
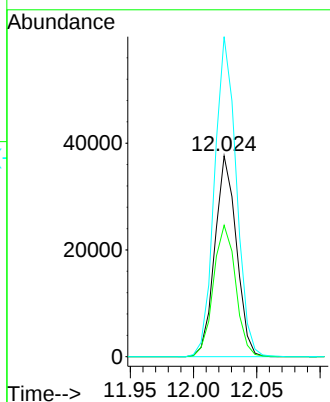
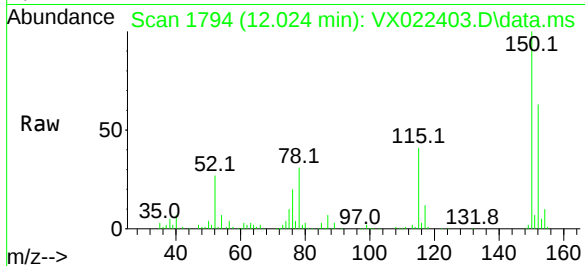




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

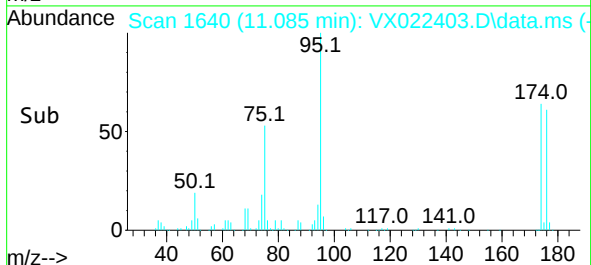
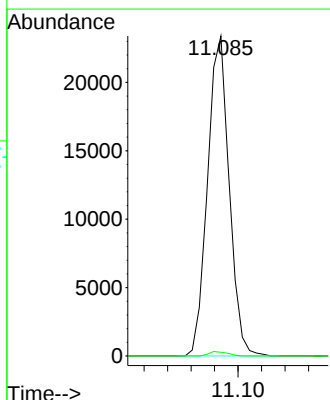
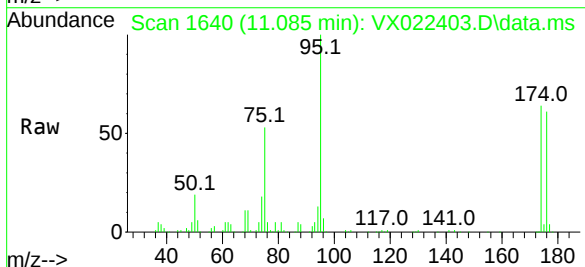
Instrument :
MSVOA_X
ClientSampled :

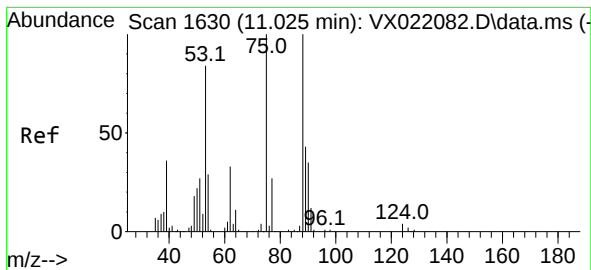
Tgt Ion:152 Resp: 44531
Ion Ratio Lower Upper
152 100
115 67.5 41.1 123.3
150 160.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.20 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

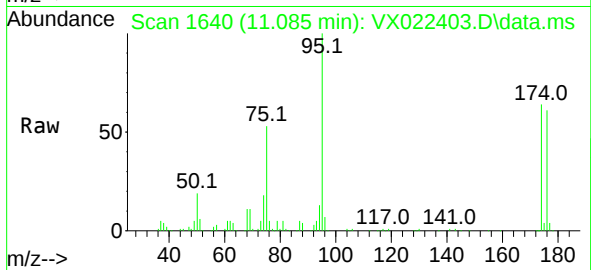
Tgt Ion: 75 Resp: 29877
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.44 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022403.D
 Acq: 04 Jun 2021 06:07

Instrument :
 MSVOA_X
 ClientSampleId :



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#

