

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023039.D
 Acq On : 30 Jun 2021 17:17
 Operator : JC/MD
 Sample : M2892-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:27:15 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

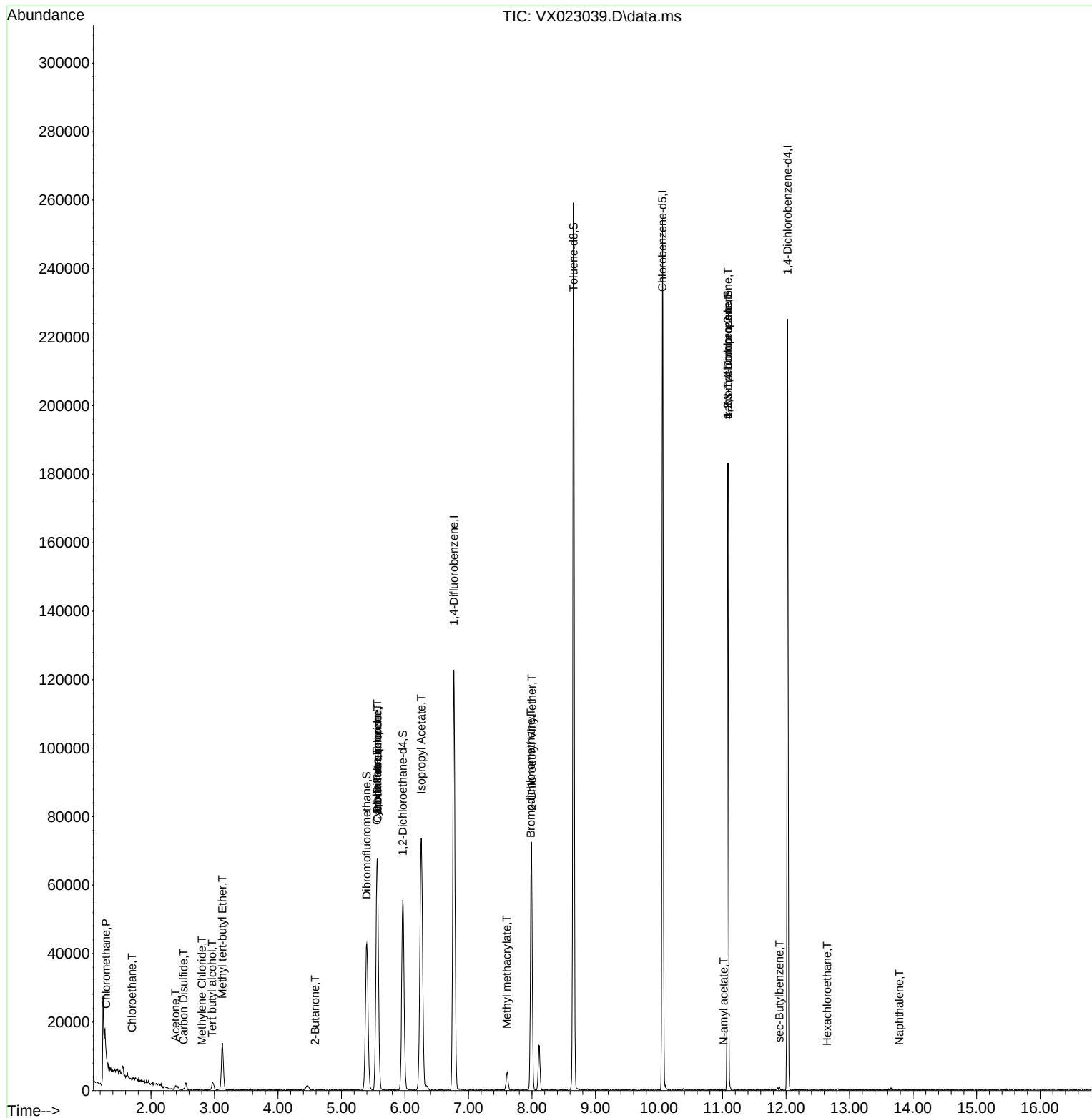
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	55118	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	116099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53071	53.056	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.120%
35) Dibromofluoromethane	5.397	113	37383	50.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	8.653	98	143233	49.571	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.085	95	47382	43.939	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.880%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	346	0.405	ug/l	# 42
6) Chloroethane	1.703	64	227	0.466	ug/l	# 43
11) Tert butyl alcohol	2.965	59	2679	12.851	ug/l	96
16) Acetone	2.386	43	1117	2.519	ug/l	94
17) Carbon Disulfide	2.514	76	316	3.666	ug/l	# 75
19) Methyl tert-butyl Ether	3.123	73	14054	5.481	ug/l	99
20) Methylene Chloride	2.800	84	40	0.417	ug/l	# 10
25) 2-Butanone	4.587	43	176	0.255	ug/l	# 45
31) Cyclohexane	5.556	56	1859	1.316	ug/l	# 40
36) 1,1-Dichloropropene	5.562	75	5672	4.600	ug/l	# 44
38) Carbon Tetrachloride	5.568	117	7075	6.840	ug/l	# 16
43) Isopropyl Acetate	6.257	43	18578	8.089	ug/l	# 57
47) Bromodichloromethane	7.982	83	212	3.095	ug/l	# 25
48) Methyl methacrylate	7.604	41	1592	1.498	ug/l	# 36
58) 2-Chloroethyl Vinyl ether	7.994	63	64	5.289	ug/l	# 45
74) N-amyl acetate	11.018	43	166	2.146	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	26242	27.150	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26242	70.295	ug/l	# 12
85) sec-Butylbenzene	11.896	105	766	0.237	ug/l	100
90) Hexachloroethane	12.646	117	25	3.759	ug/l	# 9
95) Naphthalene	13.786	128	124	1.963	ug/l	# 69

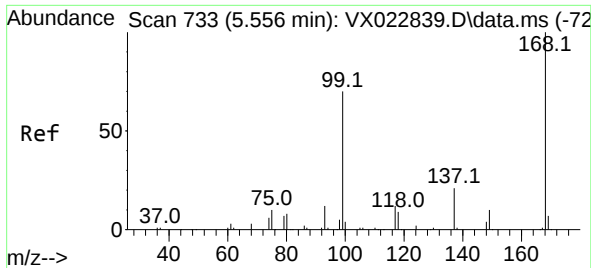
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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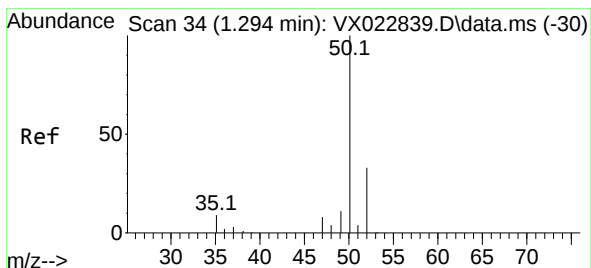
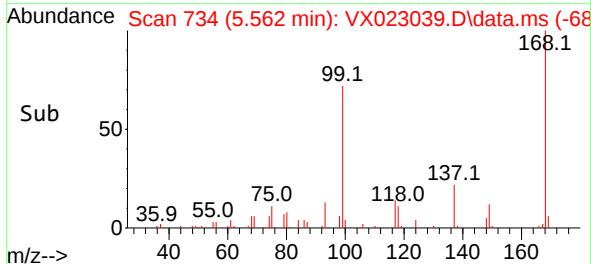
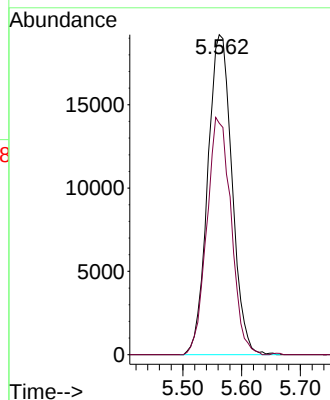
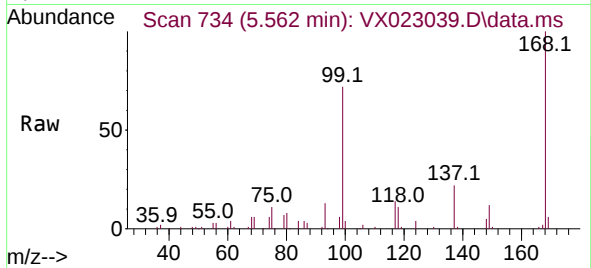




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

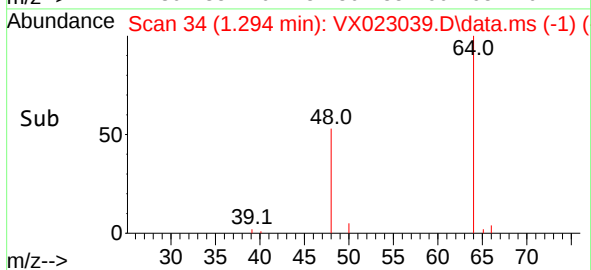
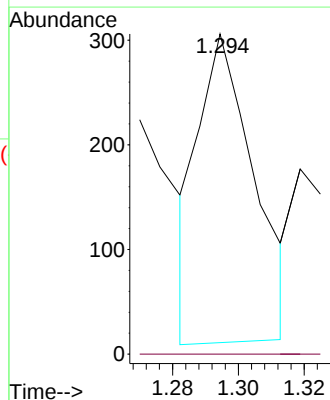
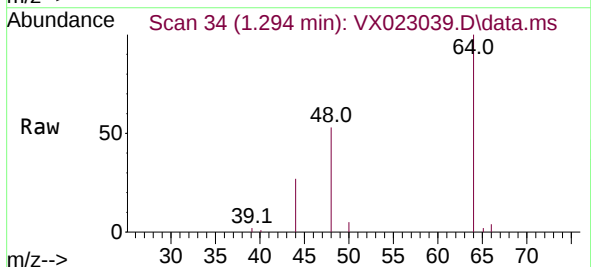
Instrument :
MSVOA_X
ClientSampled :

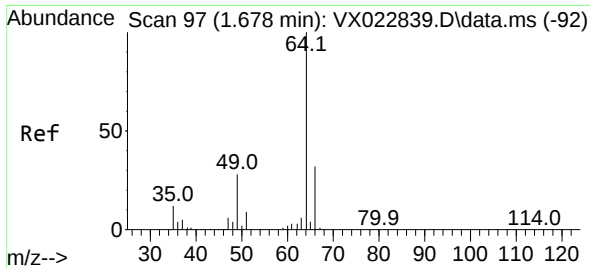
Tgt Ion:168 Resp: 55118
Ion Ratio Lower Upper
168 100
99 72.4 45.8 68.6#



#3
Chloromethane
Concen: 0.405 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 50 Resp: 346
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

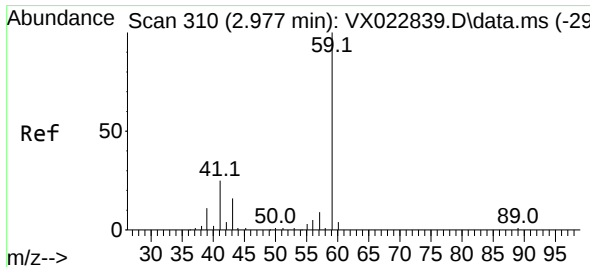
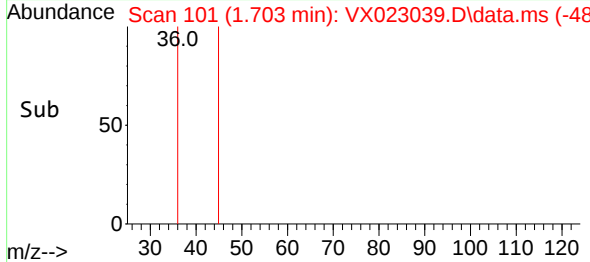
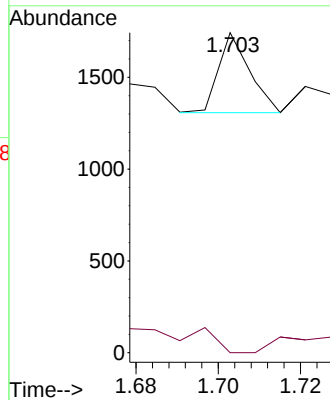
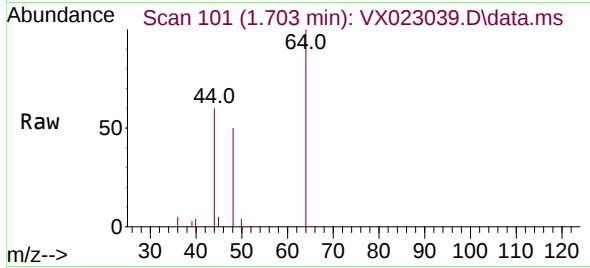




#6
Chloroethane
Concen: 0.466 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

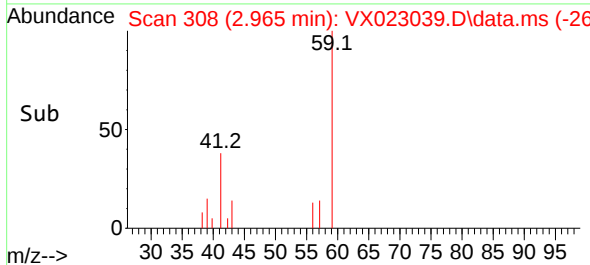
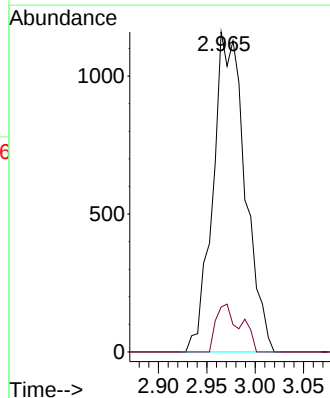
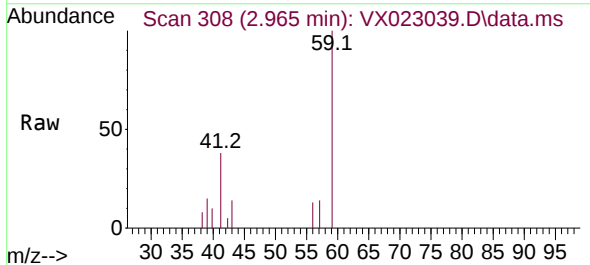
Instrument :
MSVOA_X
ClientSampleId :

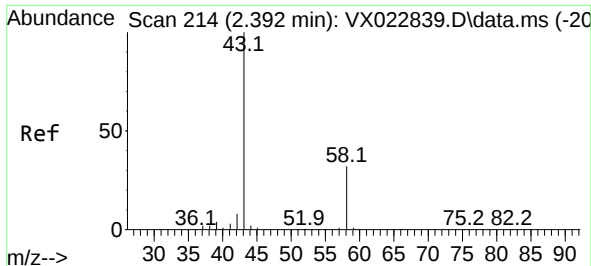
Tgt Ion: 64 Resp: 227
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 12.851 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 59 Resp: 2679
Ion Ratio Lower Upper
59 100
57 11.3 7.8 11.8

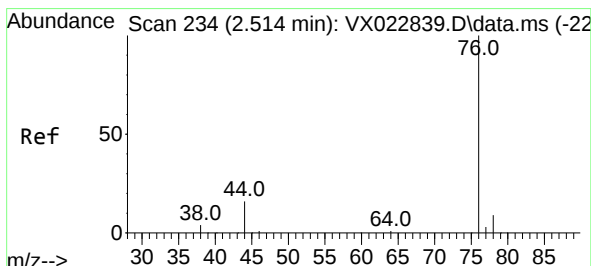
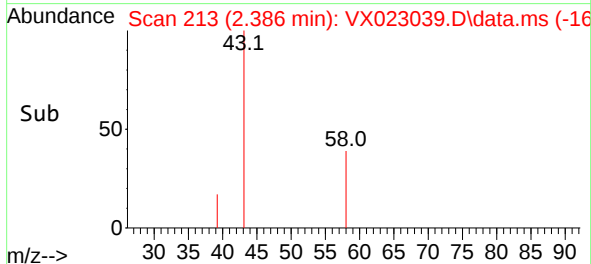
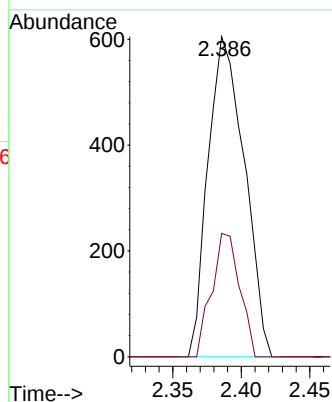
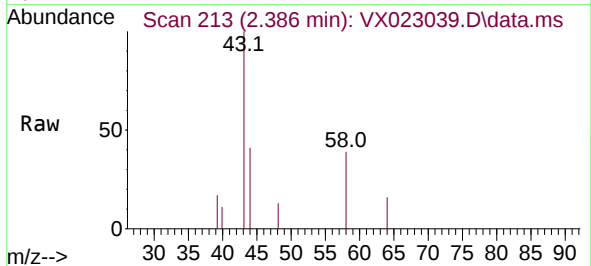




#16
Acetone
Concen: 2.519 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

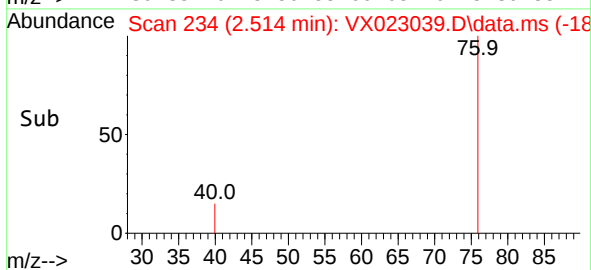
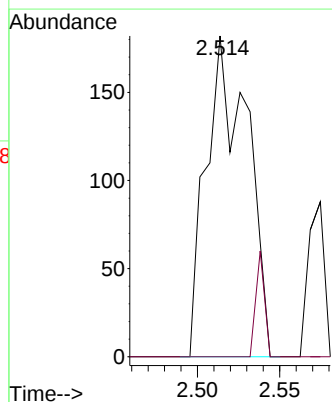
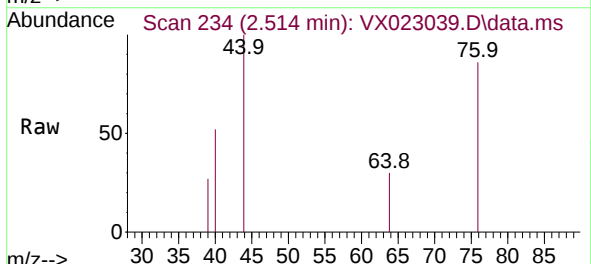
Instrument :
MSVOA_X
ClientSampled :

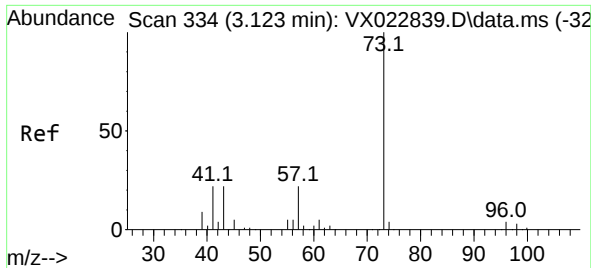
Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 38.5 27.8 41.8



#17
Carbon Disulfide
Concen: 3.666 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 76 Resp: 316
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

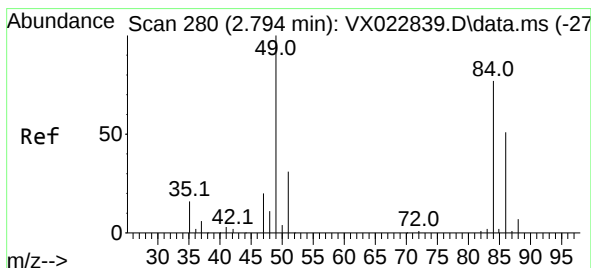
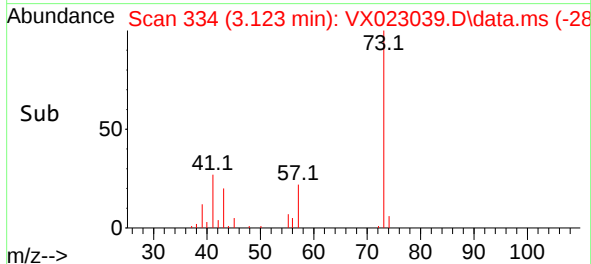
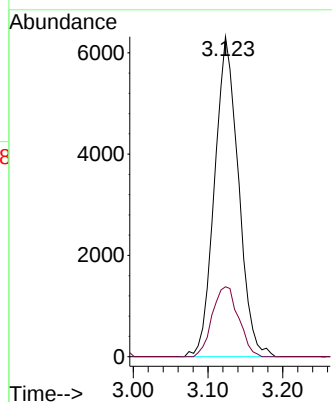
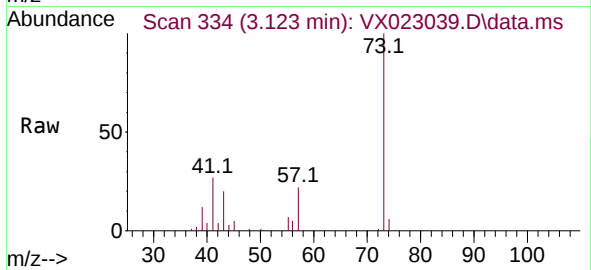




#19
Methyl tert-butyl Ether
Concen: 5.481 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

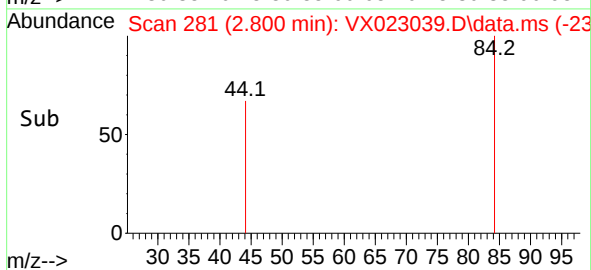
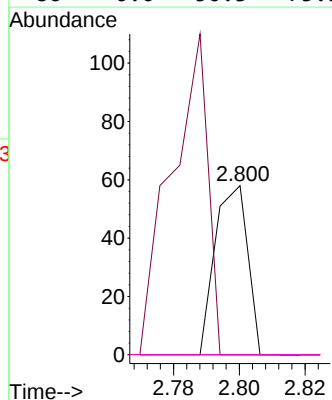
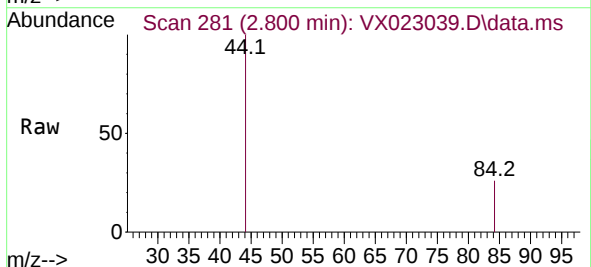
Instrument :
MSVOA_X
ClientSampled :

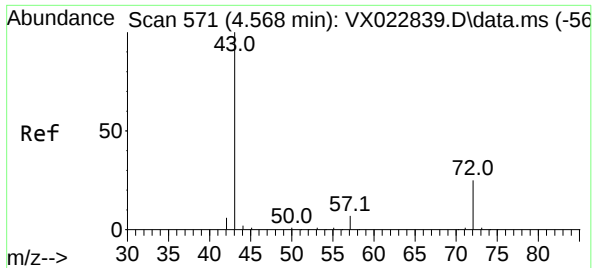
Tgt Ion: 73 Resp: 14054
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 84 Resp: 40
Ion Ratio Lower Upper
84 100
49 0.0 88.6 132.8#
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#





#25

2-Butanone

Concen: 0.255 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX023039.D

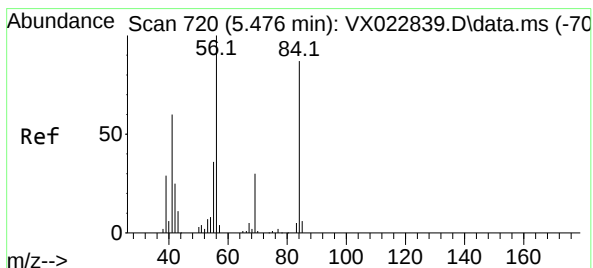
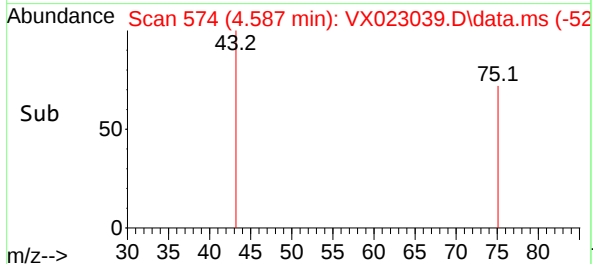
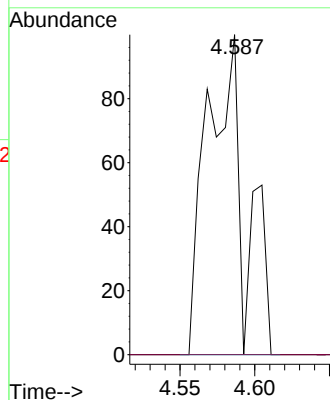
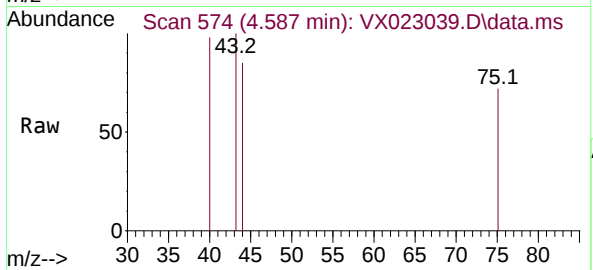
Acq: 30 Jun 2021 17:17

Tgt Ion: 43 Resp: 176

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.316 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX023039.D

Acq: 30 Jun 2021 17:17

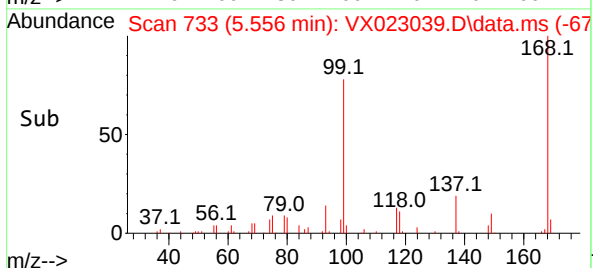
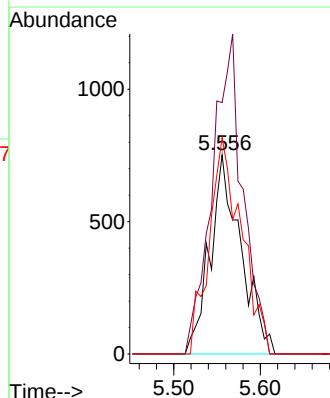
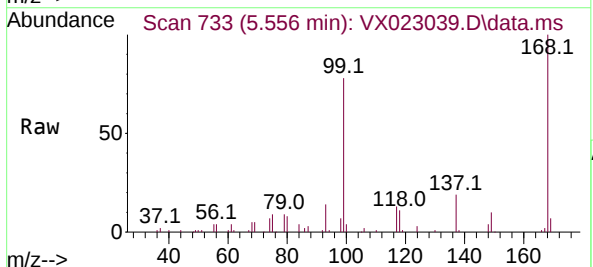
Tgt Ion: 56 Resp: 1859

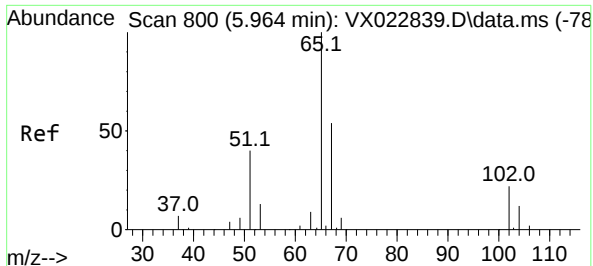
Ion Ratio Lower Upper

56 100

69 126.3 25.3 37.9#

84 108.6 71.4 107.0#



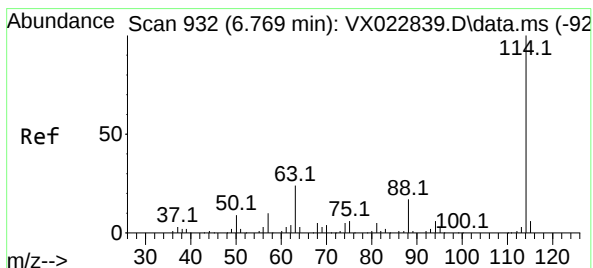
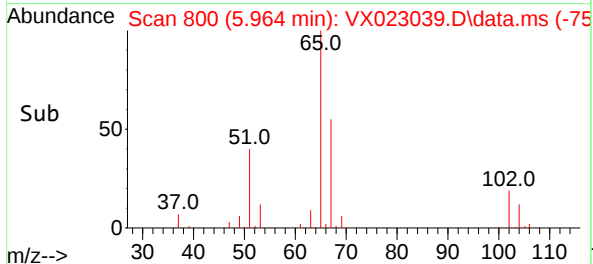
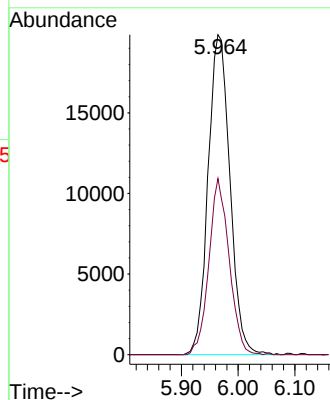
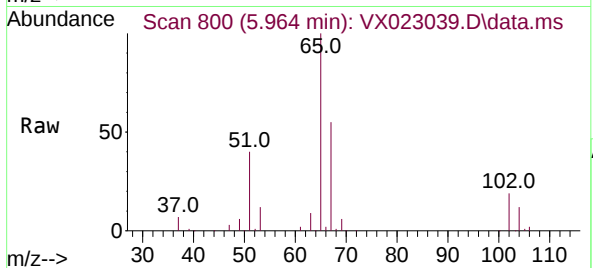


#33

1,2-Dichloroethane-d4
Concen: 53.056 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Instrument :
MSVOA_X
ClientSampled :

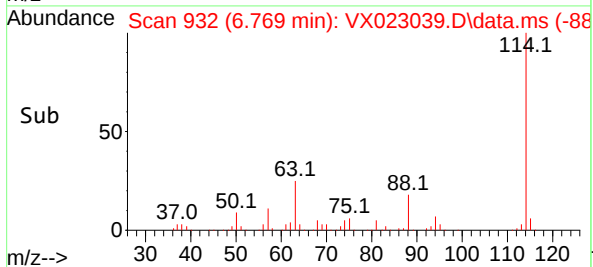
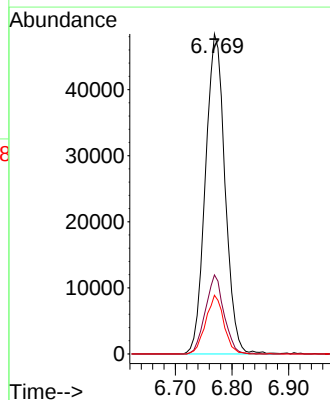
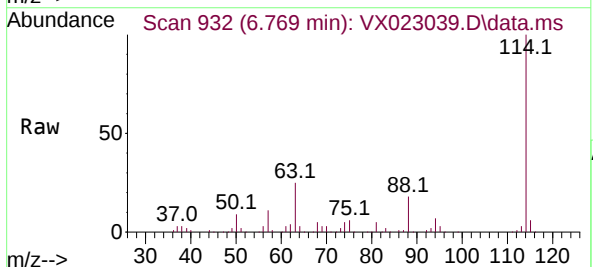
Tgt Ion: 65 Resp: 53071
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

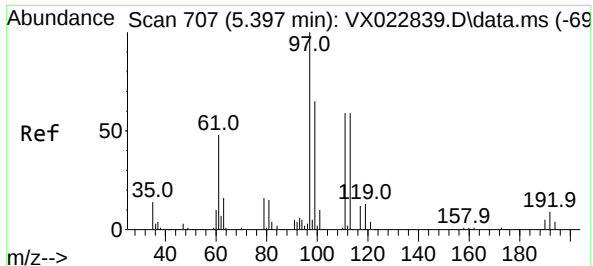


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 114 Resp: 116099
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.8
88 18.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.706 ug/l

RT: 5.397 min Scan# 707

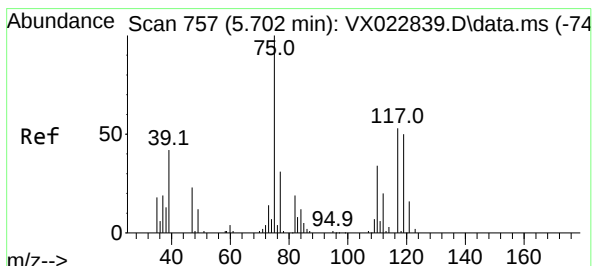
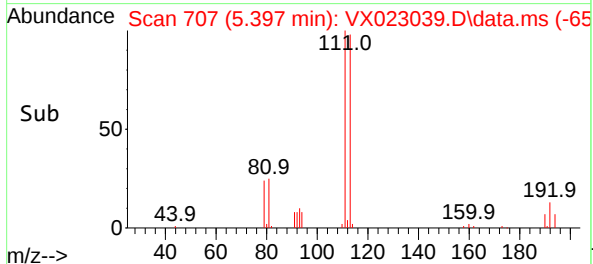
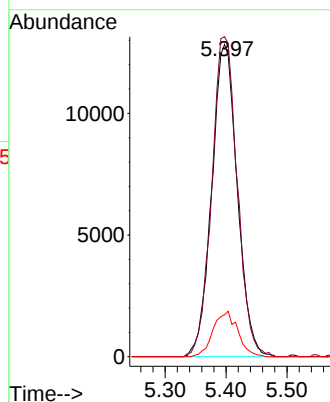
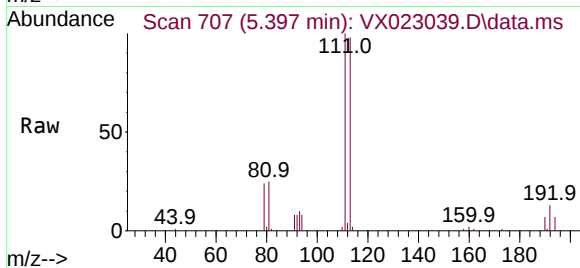
Delta R.T. 0.000 min

Lab File: VX023039.D

Acq: 30 Jun 2021 17:17

Tgt Ion:	113	Resp:	37383
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	14.0	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.600 ug/l

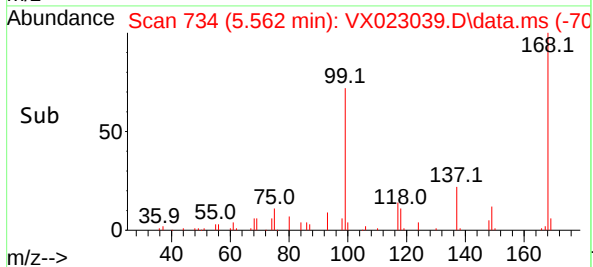
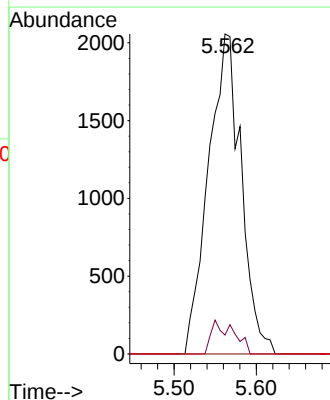
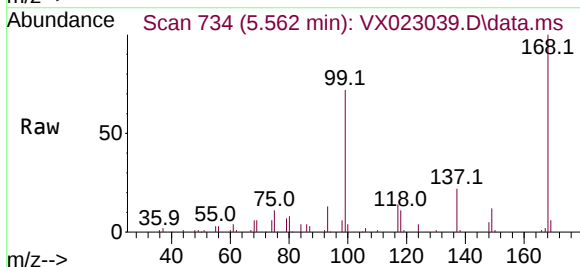
RT: 5.562 min Scan# 734

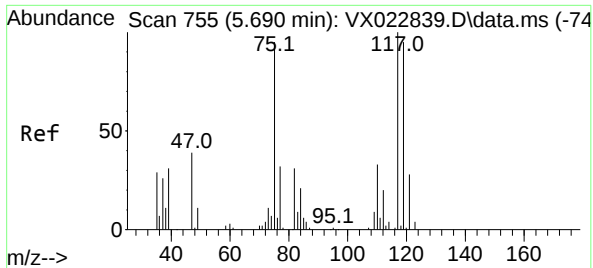
Delta R.T. -0.140 min

Lab File: VX023039.D

Acq: 30 Jun 2021 17:17

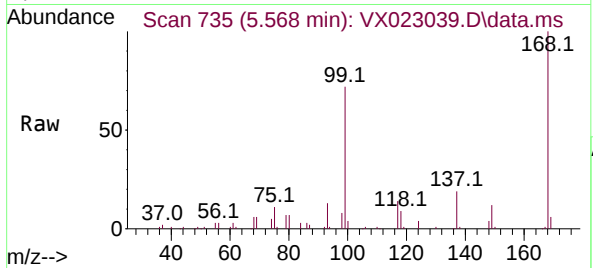
Tgt Ion:	75	Resp:	5672
Ion	Ratio	Lower	Upper
75	100		
110	3.9	18.1	54.4#
77	0.0	25.3	37.9#



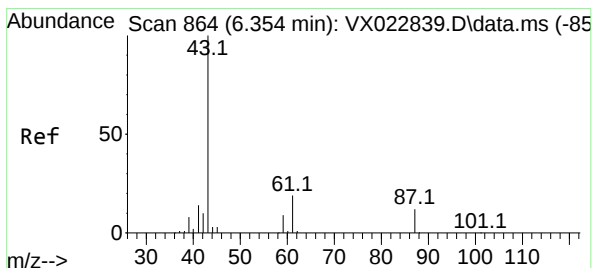
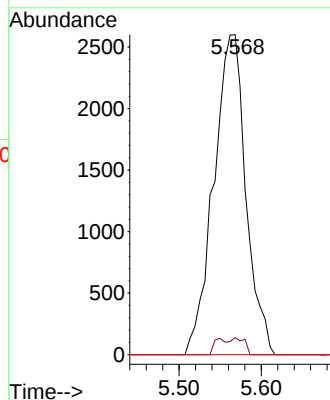
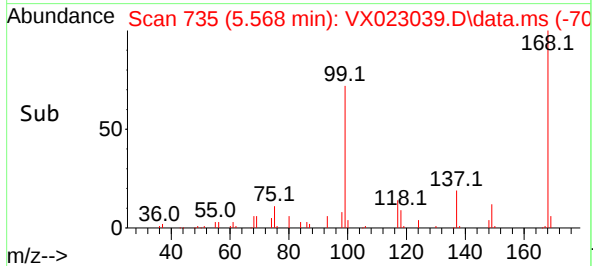


#38
Carbon Tetrachloride
Concen: 6.840 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

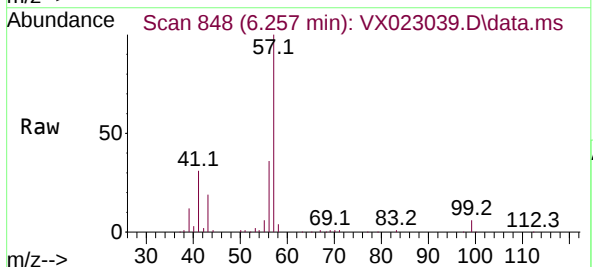
Instrument :
MSVOA_X
ClientSampled :



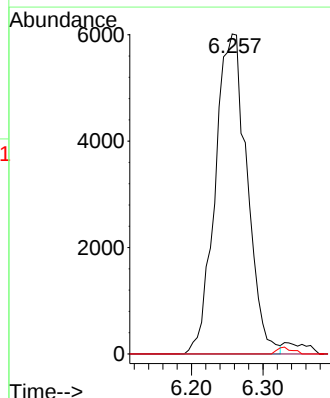
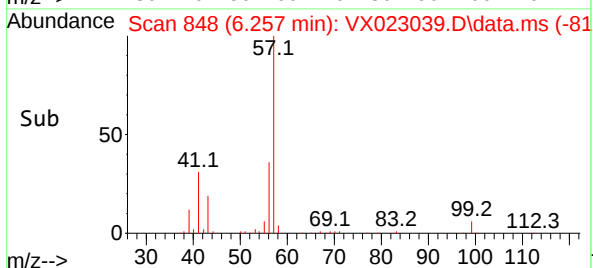
Tgt Ion:117 Resp: 7075
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

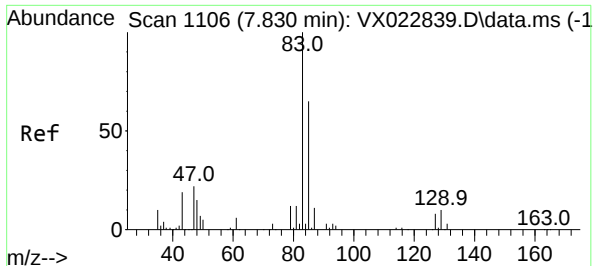


#43
Isopropyl Acetate
Concen: 8.089 ug/l
RT: 6.257 min Scan# 848
Delta R.T. -0.097 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17



Tgt Ion: 43 Resp: 18578
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

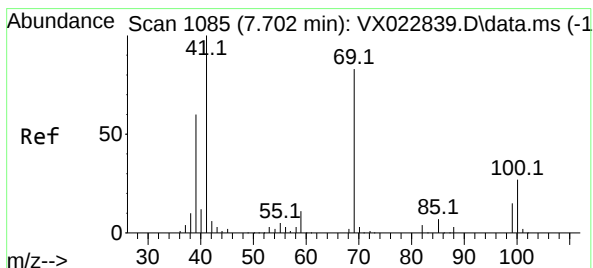
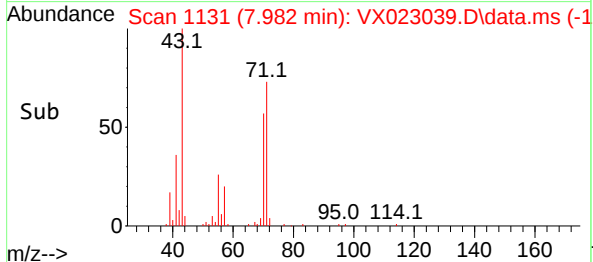
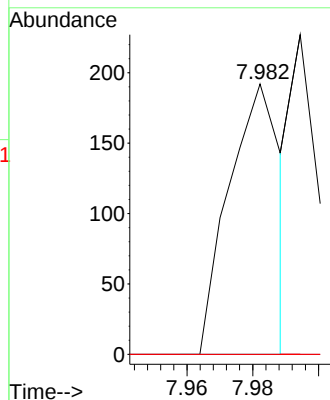
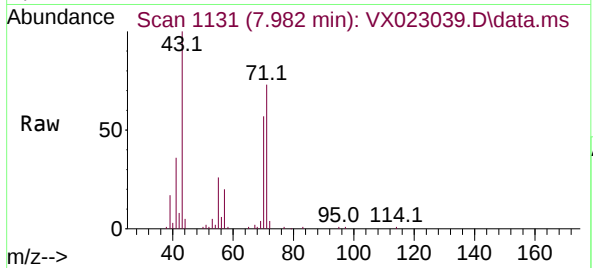




#47
Bromodichloromethane
Concen: 3.095 ug/l
RT: 7.982 min Scan# 1131
Delta R.T. 0.152 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

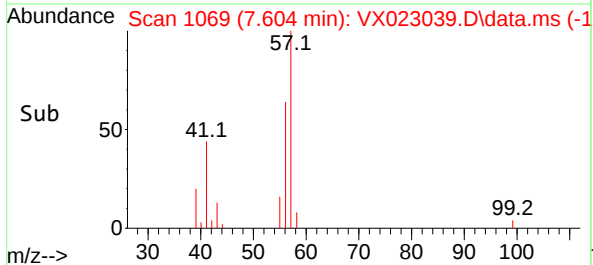
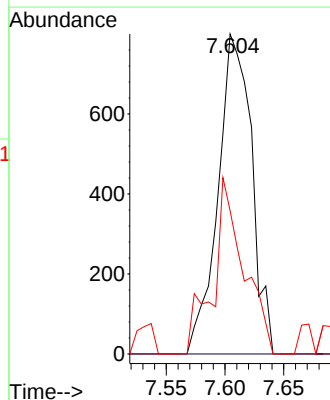
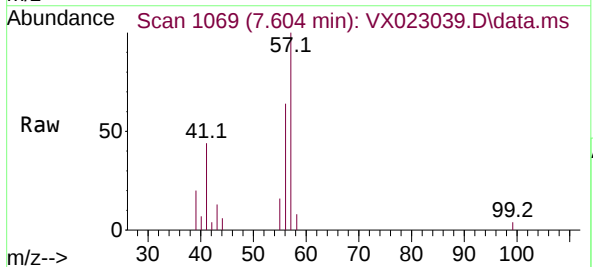
Instrument :
MSVOA_X
ClientSampled :

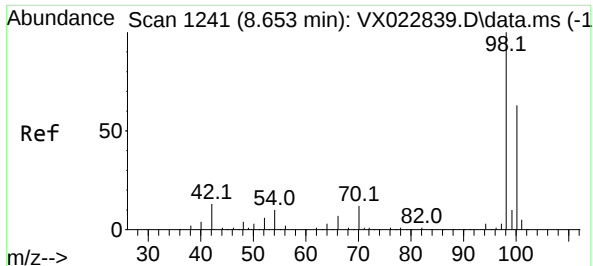
Tgt Ion: 83 Resp: 212
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 1.498 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 41 Resp: 1592
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 50.4 44.6 67.0





#50

Toluene-d8

Concen: 49.571 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023039.D

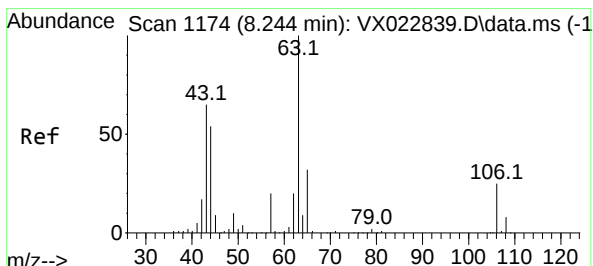
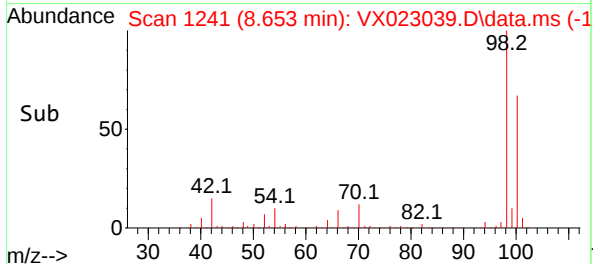
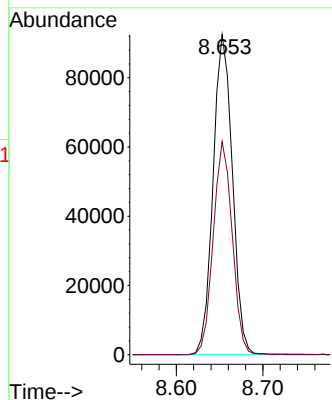
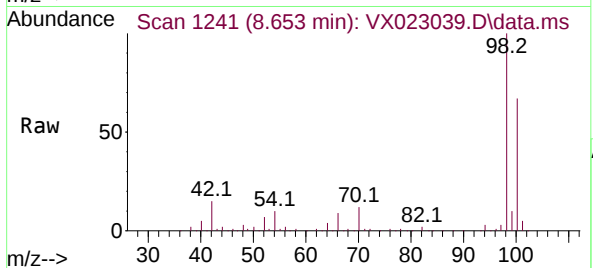
Acq: 30 Jun 2021 17:17

Tgt Ion: 98 Resp: 143233

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



#58

2-Chloroethyl Vinyl ether

Concen: 5.289 ug/l

RT: 7.994 min Scan# 1133

Delta R.T. -0.250 min

Lab File: VX023039.D

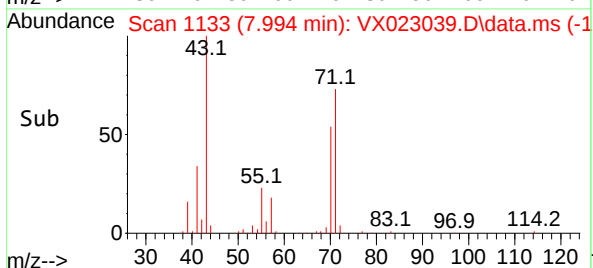
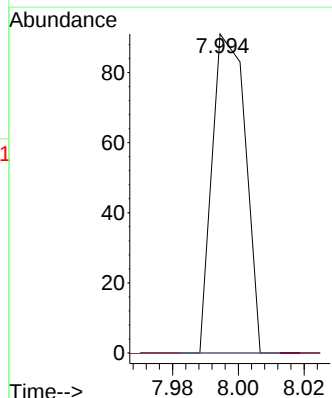
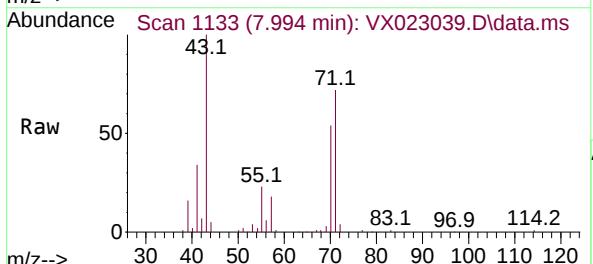
Acq: 30 Jun 2021 17:17

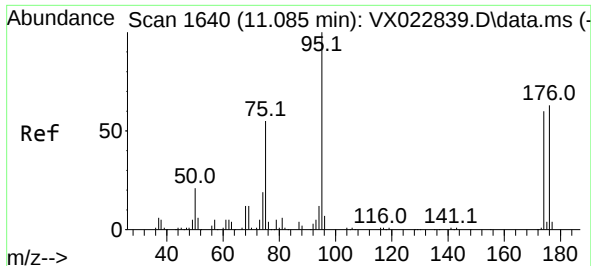
Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

63 100

106 0.0 23.5 35.3#

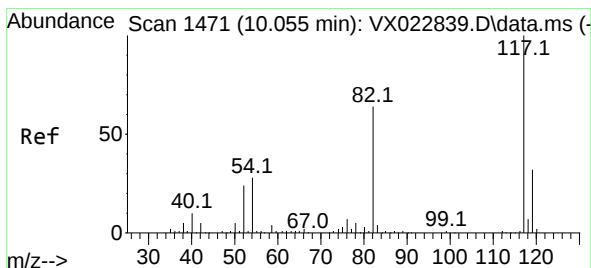
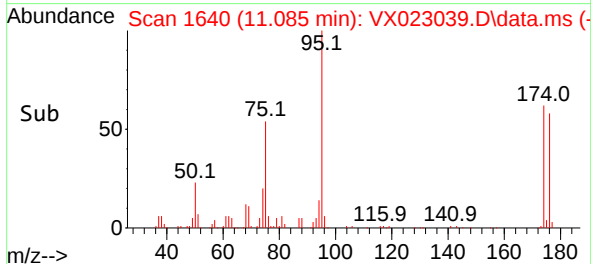
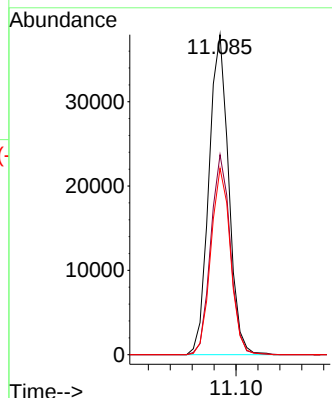
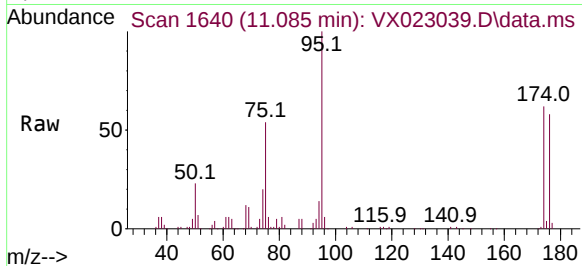




#62
4-Bromofluorobenzene
Concen: 43.939 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

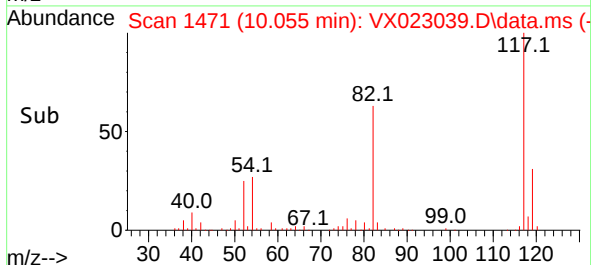
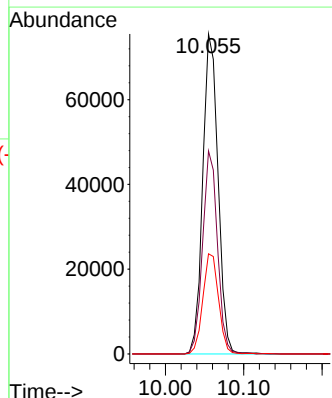
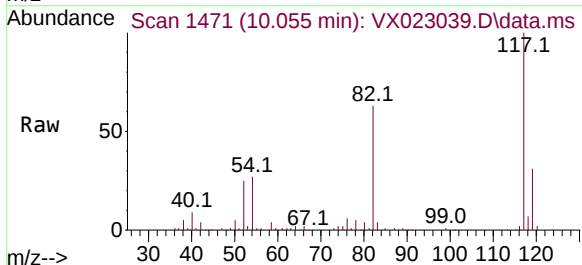
Instrument :
MSVOA_X
ClientSampleId :

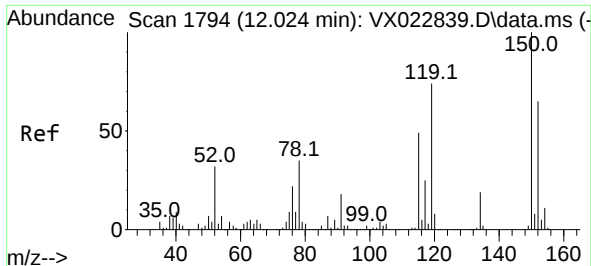
Tgt Ion: 95 Resp: 47382
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 57.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 117 Resp: 102227
Ion Ratio Lower Upper
117 100
82 63.4 47.4 71.2
119 31.3 26.6 39.8

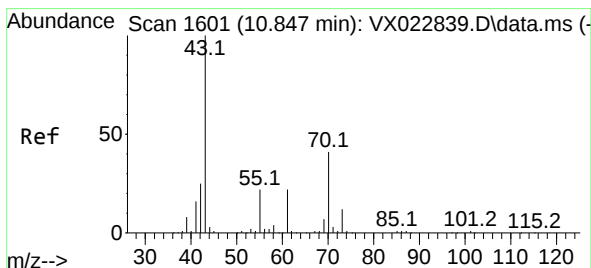
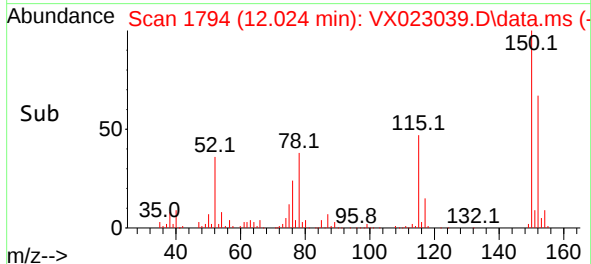
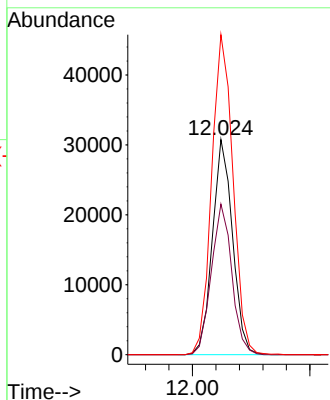
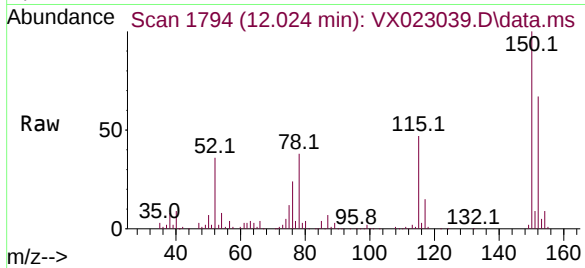




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

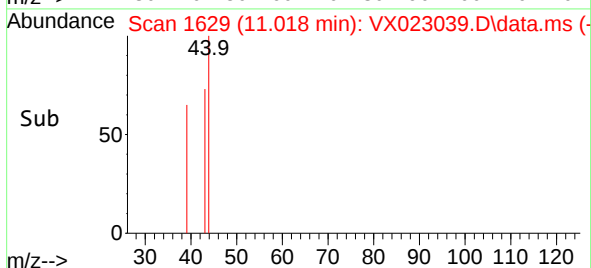
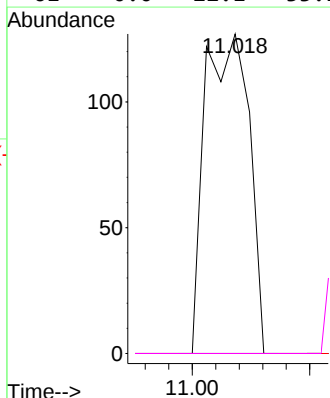
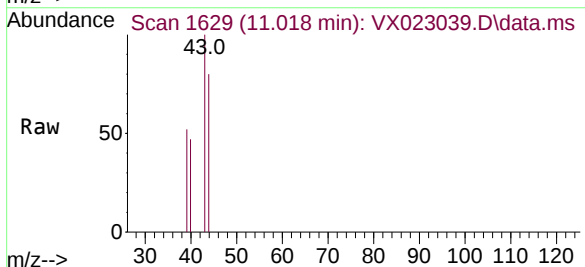
Instrument :
MSVOA_X
ClientSampled :

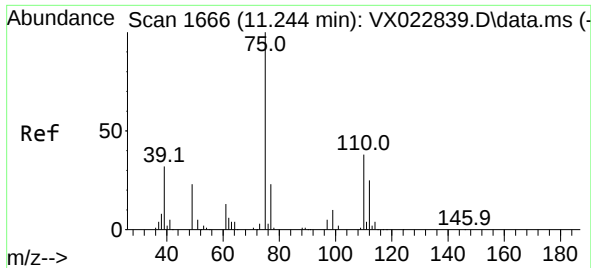
Tgt Ion:152 Resp: 36593
Ion Ratio Lower Upper
152 100
115 71.2 41.1 123.3
150 157.1 0.0 349.0



#74
N-ethyl acetate
Concen: 2.146 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.171 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 43 Resp: 166
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#

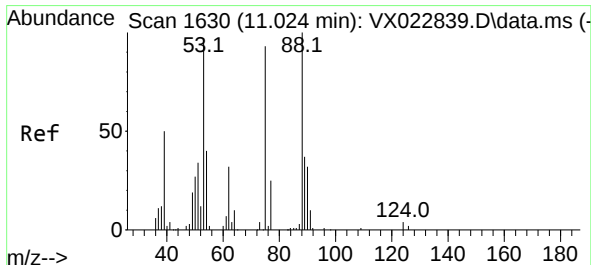
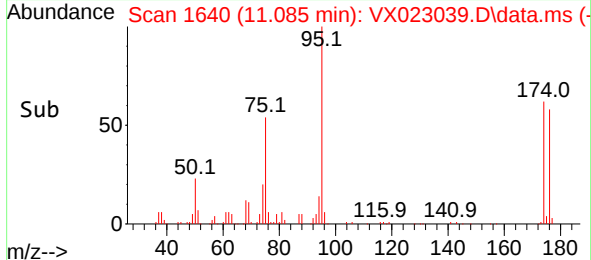
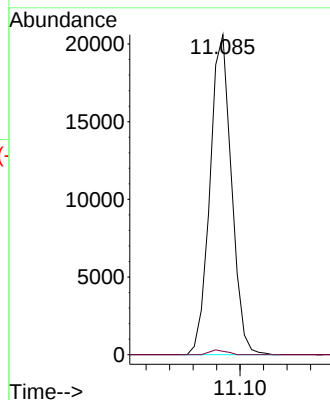
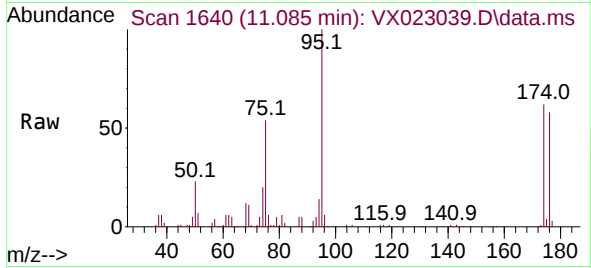




#76
1,2,3-Trichloropropane
Concen: 27.150 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

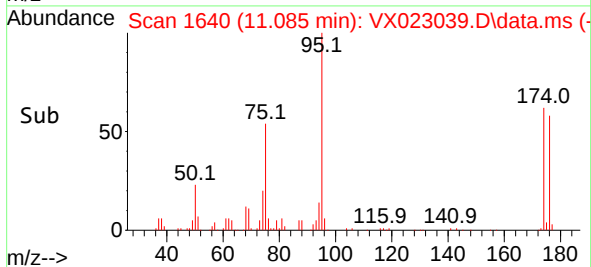
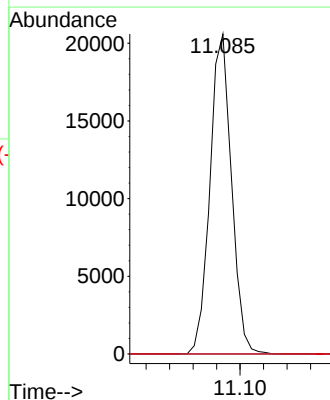
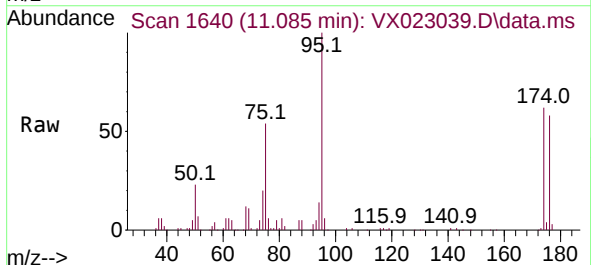
Instrument :
MSVOA_X
ClientSampled :

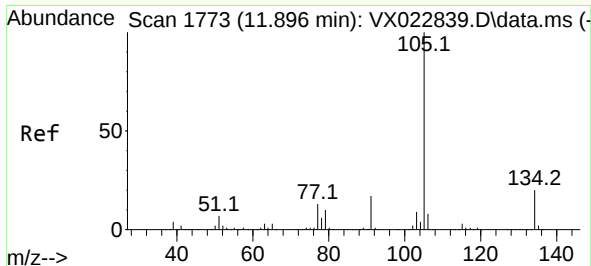
Tgt Ion: 75 Resp: 26242
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.295 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Tgt Ion: 75 Resp: 26242
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

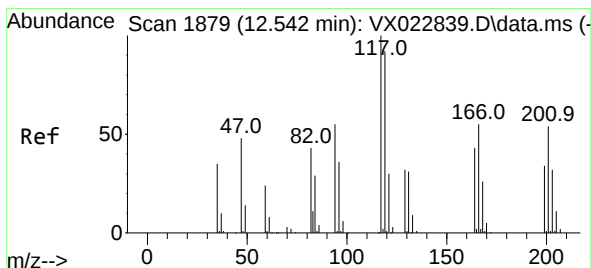
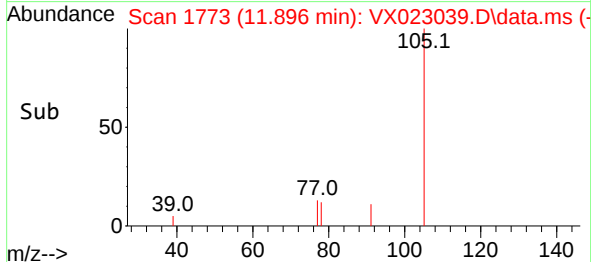
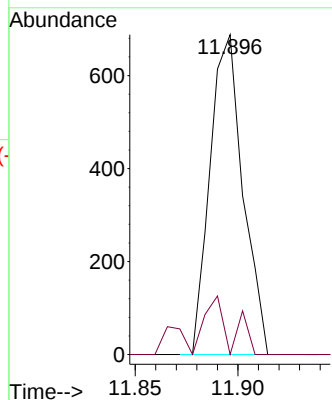
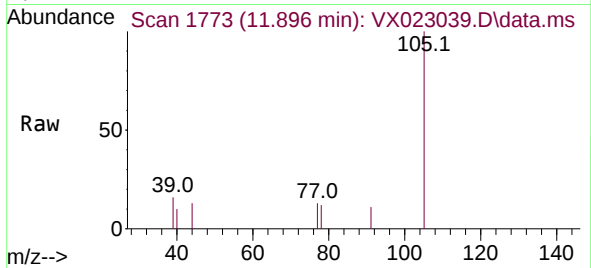




#85
 sec-Butylbenzene
 Concen: 0.237 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX023039.D
 Acq: 30 Jun 2021 17:17

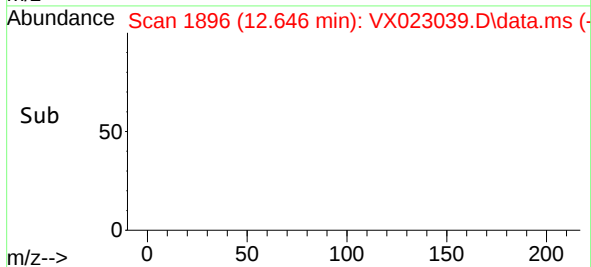
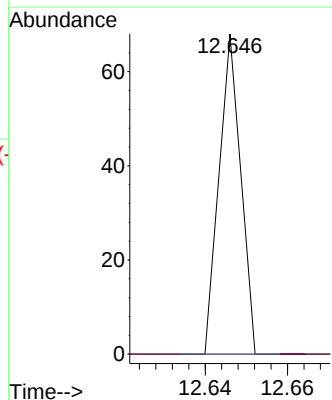
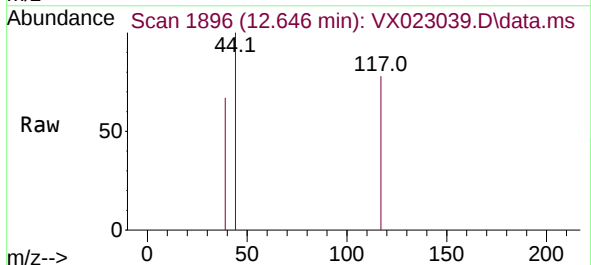
Instrument :
 MSVOA_X
 ClientSampled :

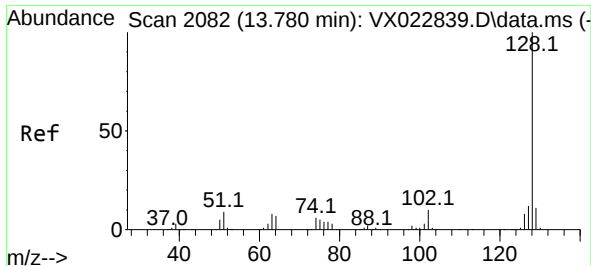
Tgt Ion:105 Resp: 766
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#90
 Hexachloroethane
 Concen: 3.759 ug/l
 RT: 12.646 min Scan# 1896
 Delta R.T. 0.104 min
 Lab File: VX023039.D
 Acq: 30 Jun 2021 17:17

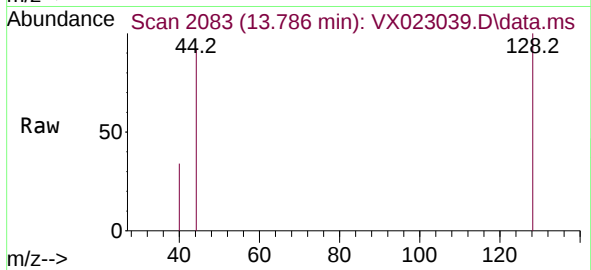
Tgt Ion:117 Resp: 25
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 1.963 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023039.D
Acq: 30 Jun 2021 17:17

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 124
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

