

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023067.D
 Acq On : 01 Jul 2021 05:27
 Operator : JC/MD
 Sample : M2829-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 07:05:23 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)

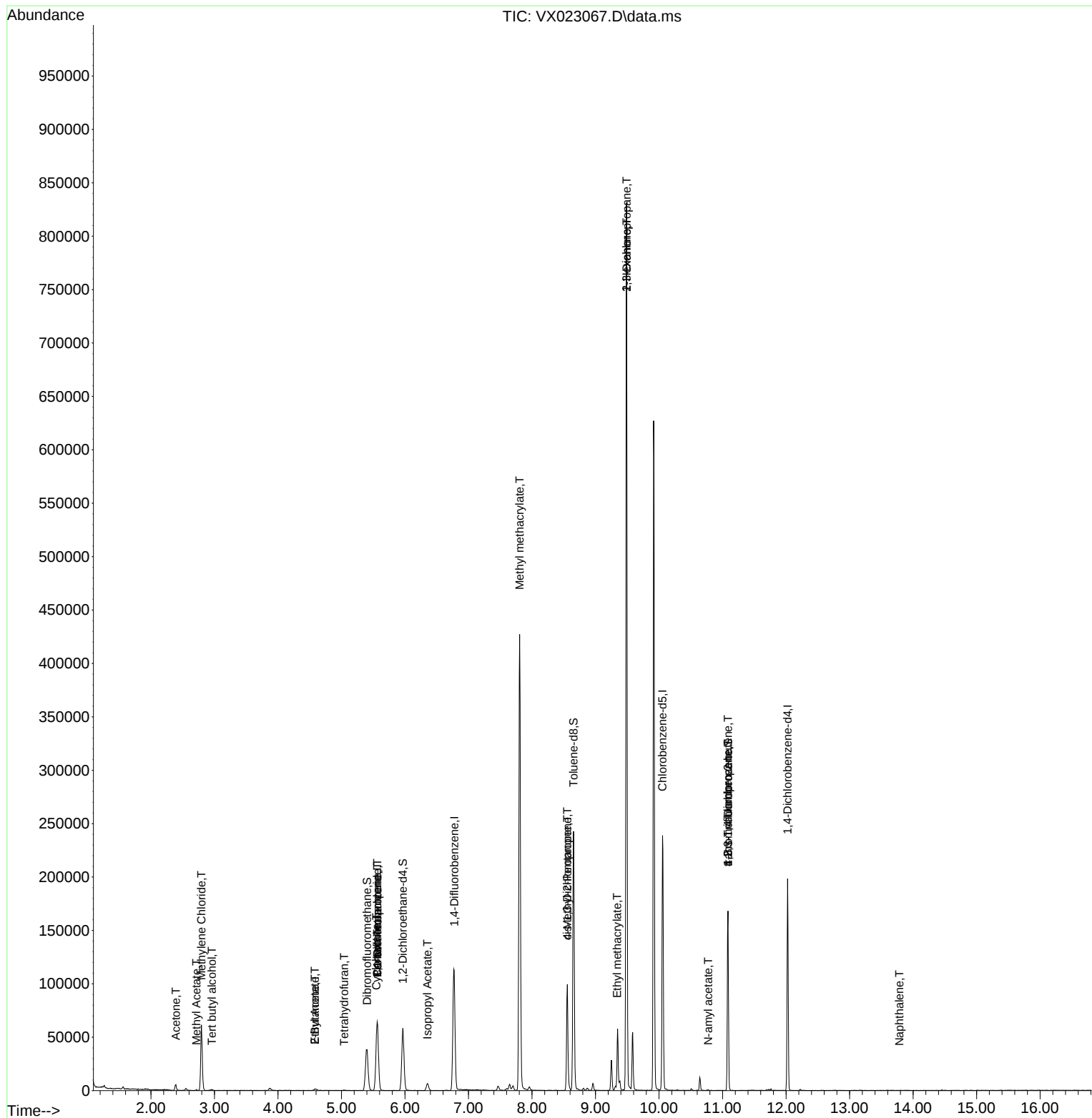
Internal Standards						
1) Pentafluorobenzene	5.562	168	51323	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	102859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54012	57.990	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.980%			
35) Dibromofluoromethane	5.403	113	34018	52.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	8.653	98	135105	52.777	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.560%			
62) 4-Bromofluorobenzene	11.085	95	44474	46.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.958	59	597	3.075	ug/l	# 73
16) Acetone	2.392	43	5822	14.100	ug/l	99
18) Methyl Acetate	2.715	43	560	0.551	ug/l	# 73
20) Methylene Chloride	2.794	84	24589	30.174	ug/l	# 84
25) 2-Butanone	4.580	43	1262	1.965	ug/l	# 79
29) Tetrahydrofuran	5.043	42	313	0.758	ug/l	# 33
31) Cyclohexane	5.549	56	1801	1.370	ug/l	# 27
36) 1,1-Dichloropropene	5.562	75	5657	5.178	ug/l	# 46
37) Ethyl Acetate	4.580	43	1262	0.997	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	6404	6.989	ug/l	# 14
43) Isopropyl Acetate	6.354	43	8987	4.417	ug/l	# 89
48) Methyl methacrylate	7.805	41	37557	39.883	ug/l	# 37
51) 4-Methyl-2-Pentanone	8.555	43	35124	27.737	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	14882	12.798	ug/l	# 67
56) Ethyl methacrylate	9.341	69	369	2.827	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	6421	4.623	ug/l	# 42
59) 2-Hexanone	9.488	43	94442	98.307	ug/l	# 43
74) N-amyl acetate	10.774	43	383	2.292	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	24161	28.152	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	24161	72.648	ug/l	# 12
95) Naphthalene	13.786	128	73	1.949	ug/l	# 69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
Data File : VX023067.D
Acq On : 01 Jul 2021 05:27
Operator : JC/MD
Sample : M2829-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 01 07:05:23 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

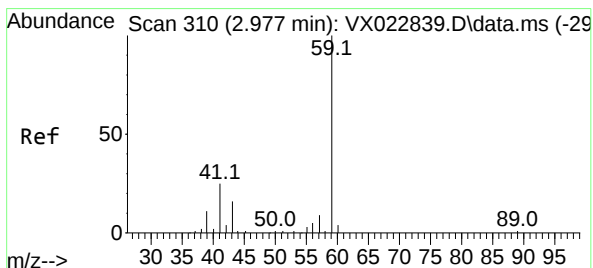
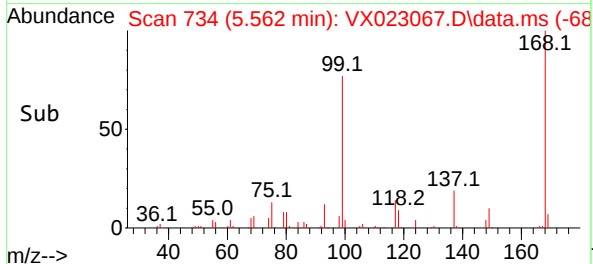
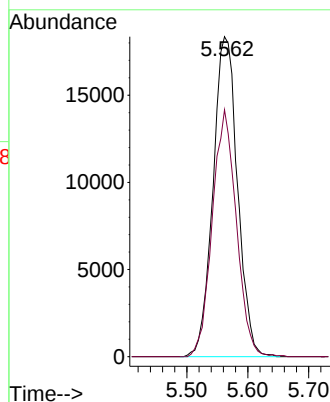
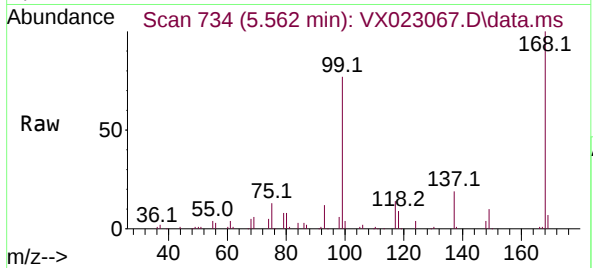




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

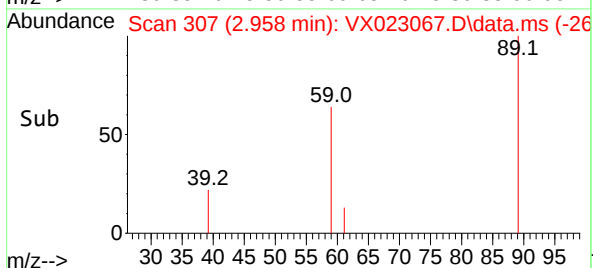
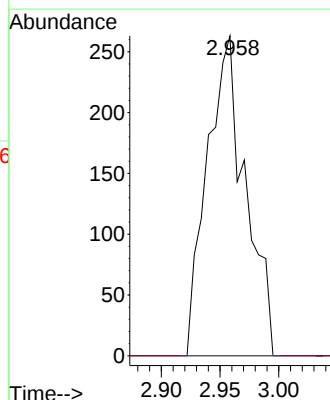
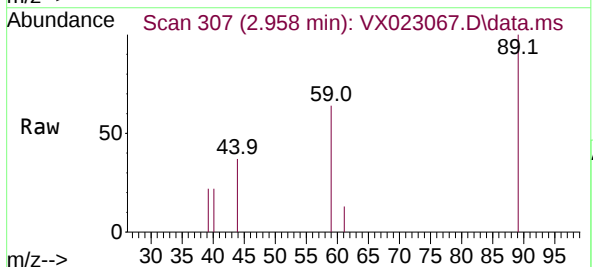
Instrument :
MSVOA_X
ClientSampled :

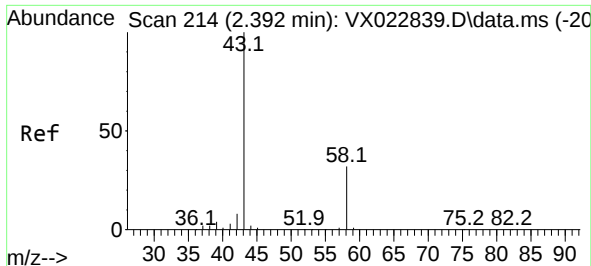
Tgt Ion:168 Resp: 51323
Ion Ratio Lower Upper
168 100
99 77.2 45.8 68.6#



#11
Tert butyl alcohol
Concen: 3.075 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.019 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 59 Resp: 597
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

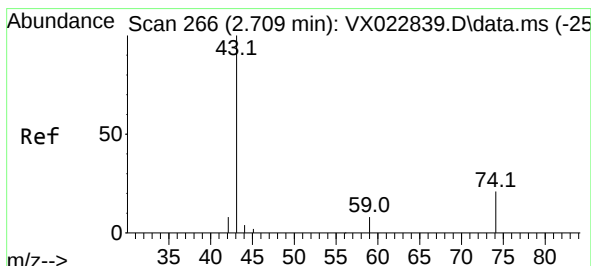
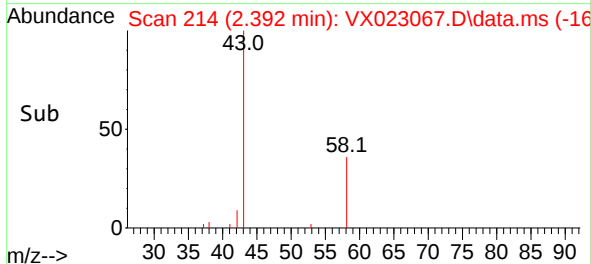
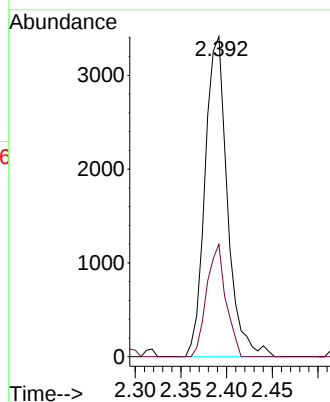
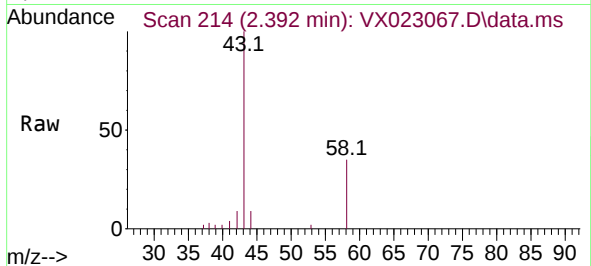




#16
Acetone
Concen: 14.100 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

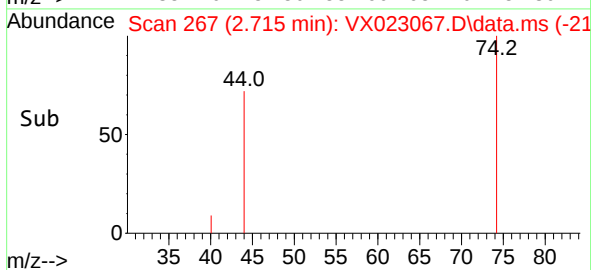
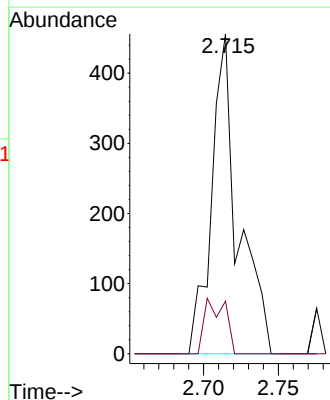
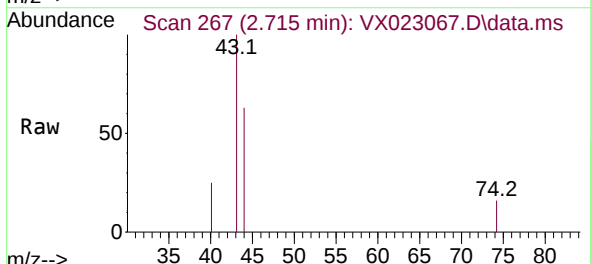
Instrument :
MSVOA_X
ClientSampled :

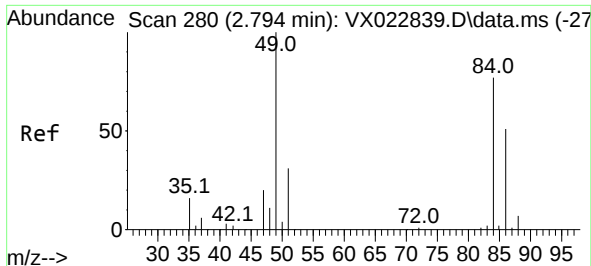
Tgt Ion: 43 Resp: 5822
Ion Ratio Lower Upper
43 100
58 35.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.551 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
74 13.4 21.9 32.9#





#20

Methylene Chloride

Concen: 30.174 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX023067.D

Acq: 01 Jul 2021 05:27

Tgt Ion: 84 Resp: 24589

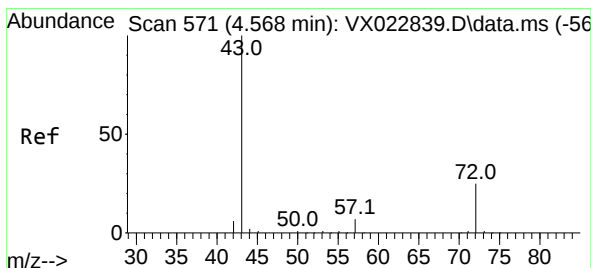
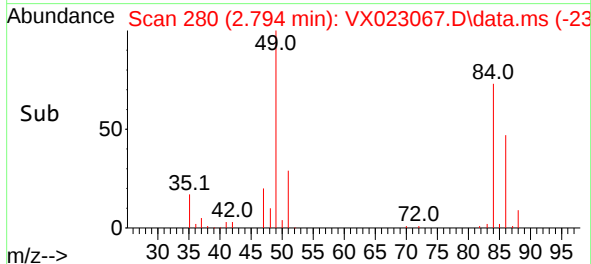
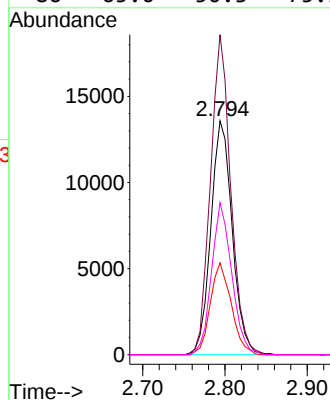
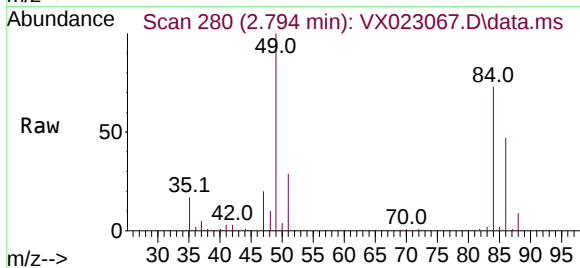
Ion Ratio Lower Upper

84 100

49 136.8 88.6 132.8#

51 39.3 27.0 40.6

86 65.0 50.3 75.5



#25

2-Butanone

Concen: 1.965 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX023067.D

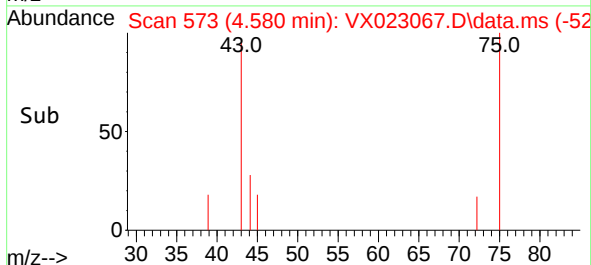
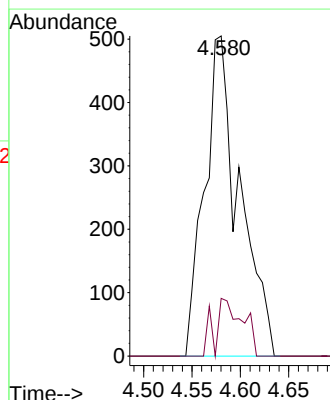
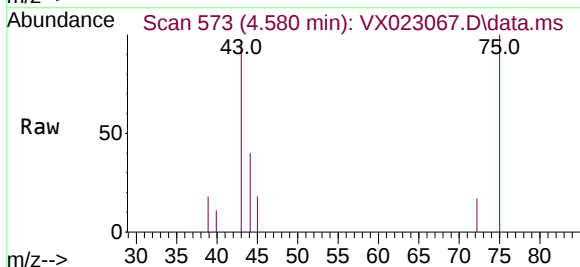
Acq: 01 Jul 2021 05:27

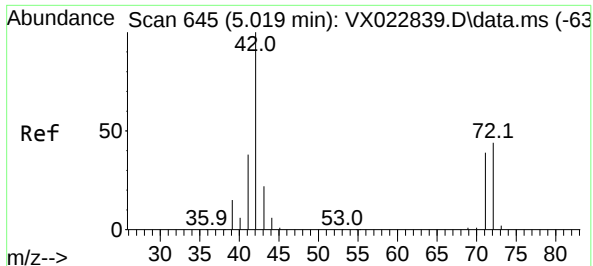
Tgt Ion: 43 Resp: 1262

Ion Ratio Lower Upper

43 100

72 18.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.758 ug/l

RT: 5.043 min Scan# 649

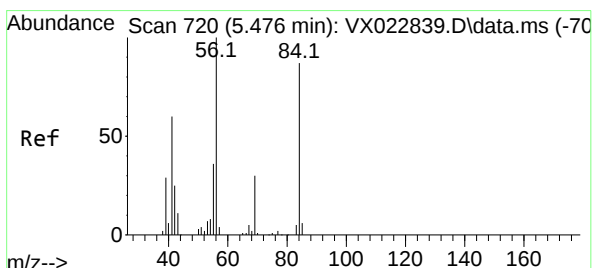
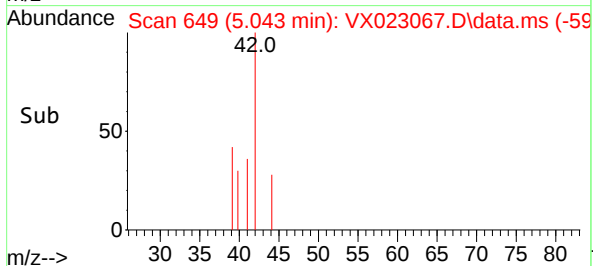
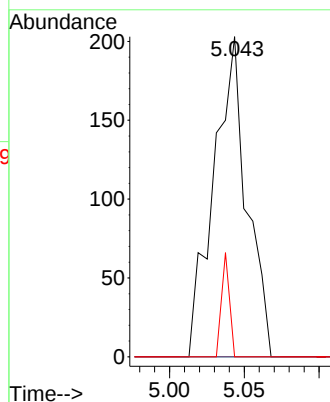
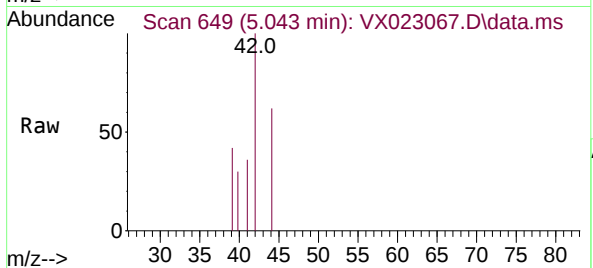
Delta R.T. 0.024 min

Lab File: VX023067.D

Acq: 01 Jul 2021 05:27

Tgt Ion:	42	Resp:	313
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	7.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.370 ug/l

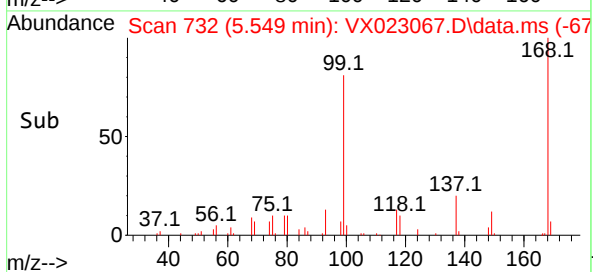
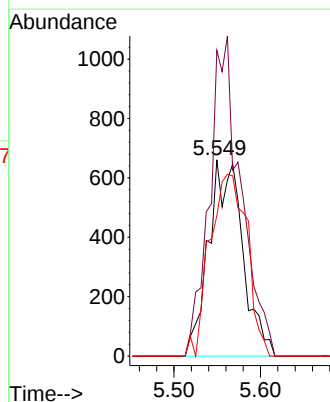
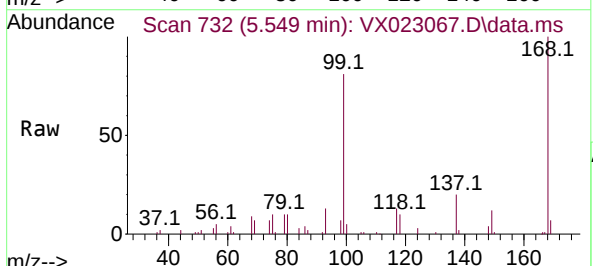
RT: 5.549 min Scan# 732

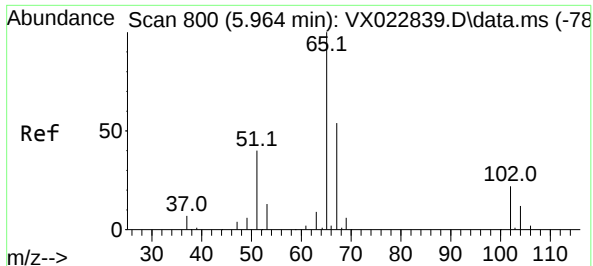
Delta R.T. 0.073 min

Lab File: VX023067.D

Acq: 01 Jul 2021 05:27

Tgt Ion:	56	Resp:	1801
Ion	Ratio	Lower	Upper
56	100		
69	155.7	25.3	37.9#
84	71.4	71.4	107.0



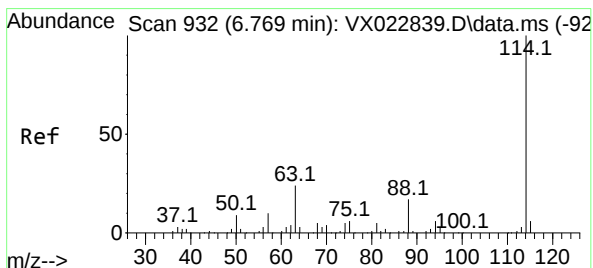
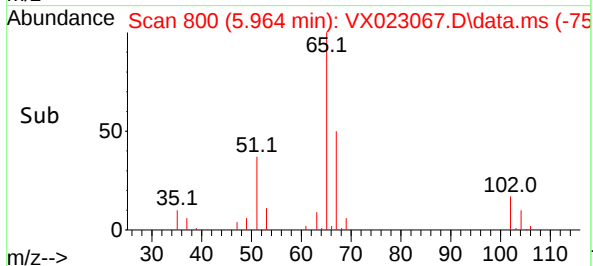
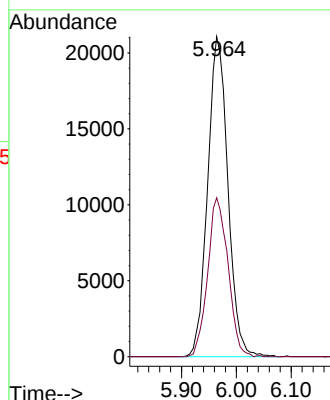
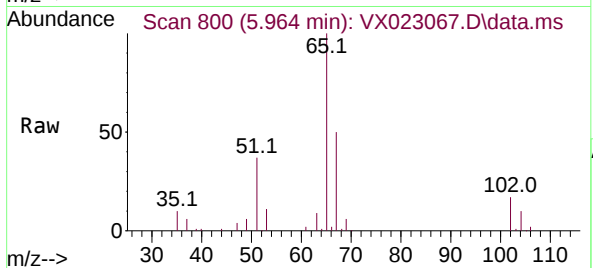


#33

1,2-Dichloroethane-d4
Concen: 57.990 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Instrument :
MSVOA_X
ClientSampled :

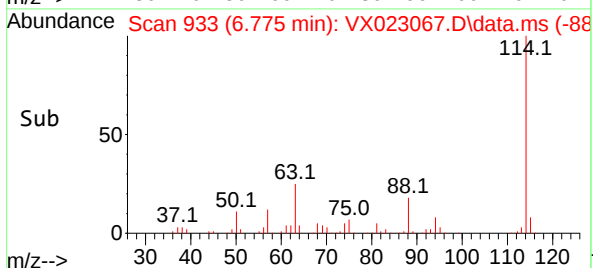
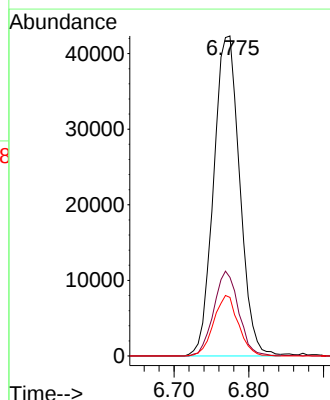
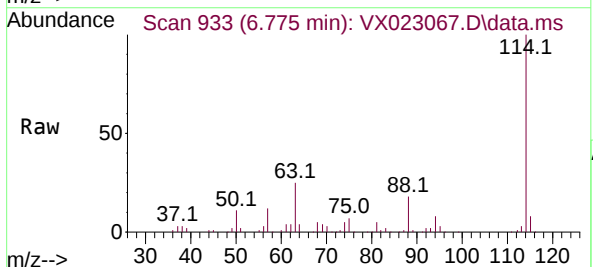
Tgt Ion: 65 Resp: 54012
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

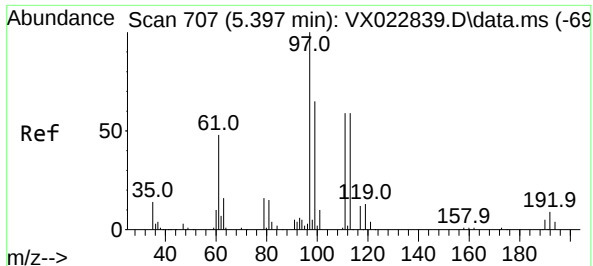


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 114 Resp: 102859
Ion Ratio Lower Upper
114 100
63 24.6 0.0 40.8
88 18.3 0.0 32.8

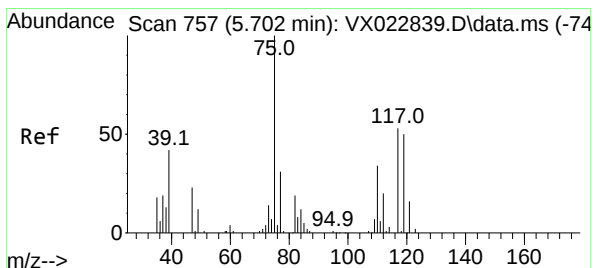
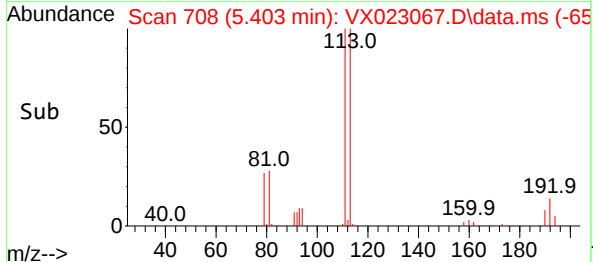
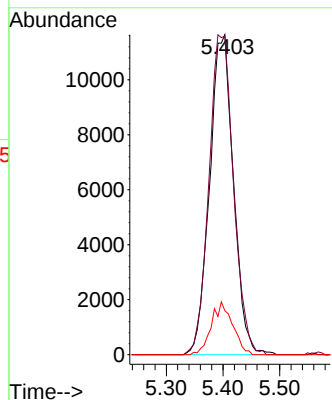
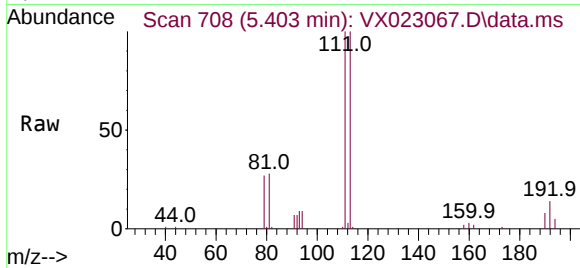




#35
Dibromofluoromethane
Concen: 52.081 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

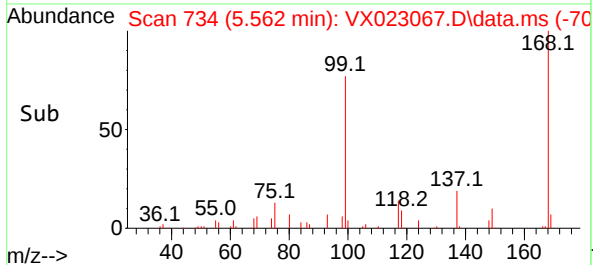
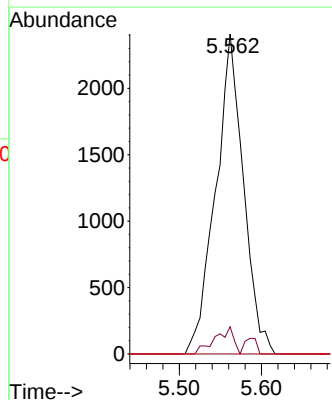
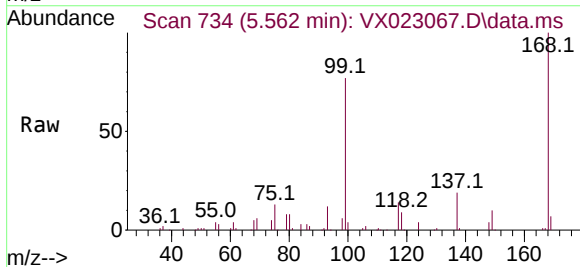
Instrument :
MSVOA_X
ClientSampleId :

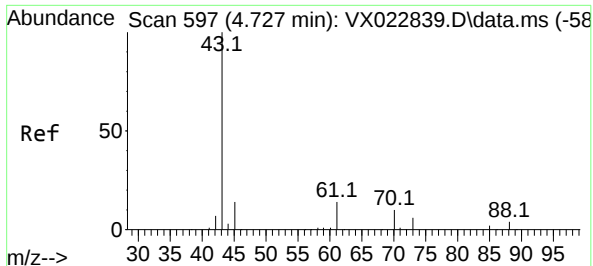
Tgt Ion:113 Resp: 34018
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 14.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 75 Resp: 5657
Ion Ratio Lower Upper
75 100
110 5.7 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.997 ug/l

RT: 4.580 min Scan# 573

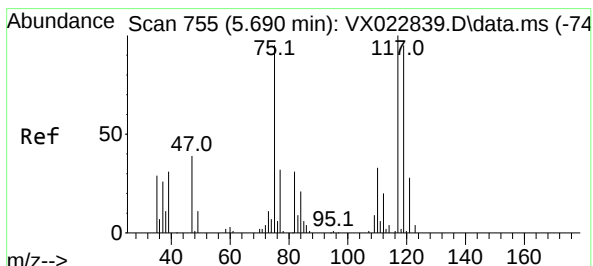
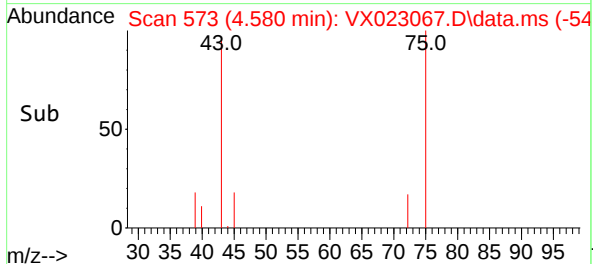
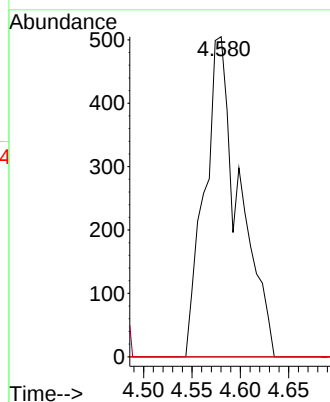
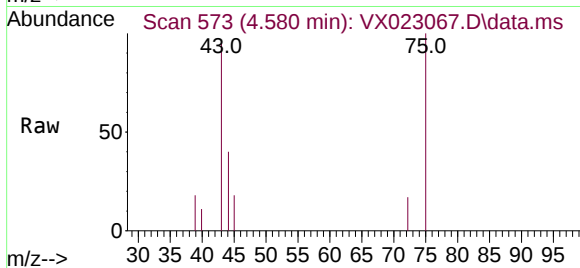
Delta R.T. -0.147 min

Lab File: VX023067.D

Acq: 01 Jul 2021 05:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43	Resp:	1262
Ion Ratio	Lower	Upper
43	100	
61	0.0	12.8
70	0.0	15.7#



#38

Carbon Tetrachloride

Concen: 6.989 ug/l

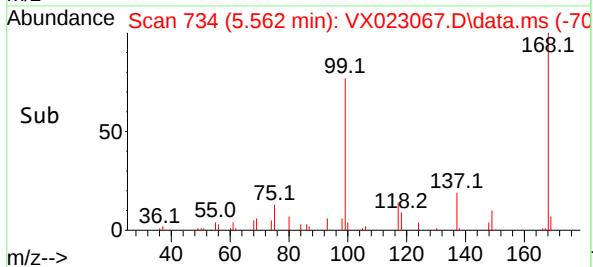
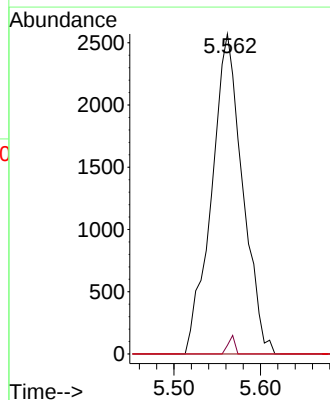
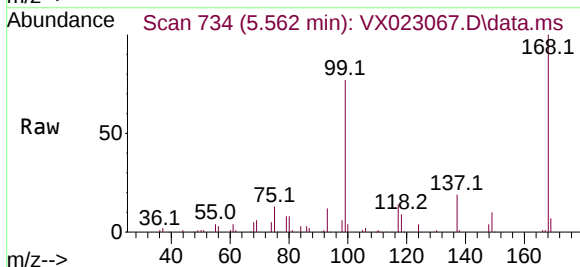
RT: 5.562 min Scan# 734

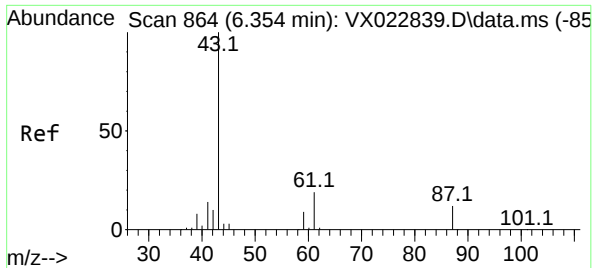
Delta R.T. -0.128 min

Lab File: VX023067.D

Acq: 01 Jul 2021 05:27

Tgt Ion: 117	Resp:	6404
Ion Ratio	Lower	Upper
117	100	
119	2.7	76.2
121	0.0	37.2#

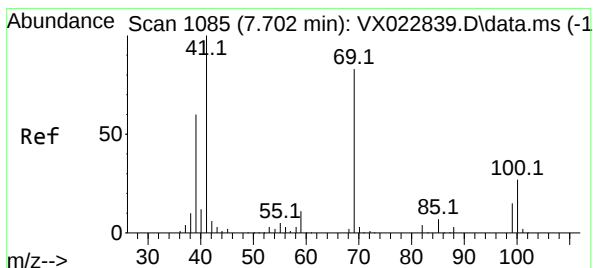
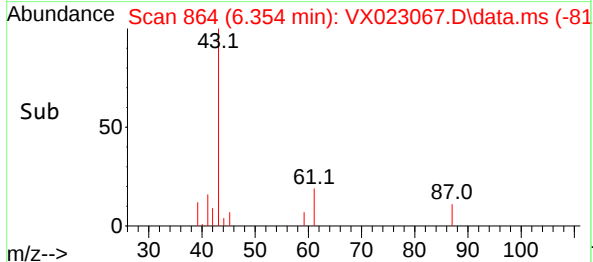
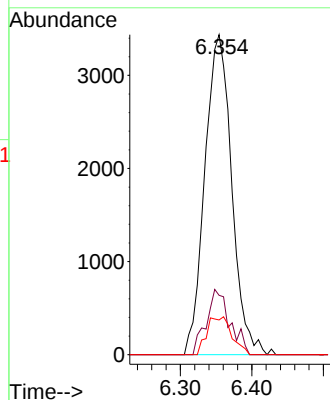
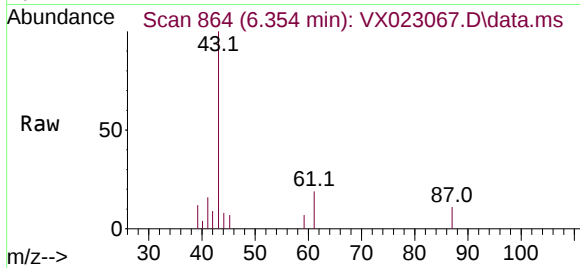




#43
Isopropyl Acetate
Concen: 4.417 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

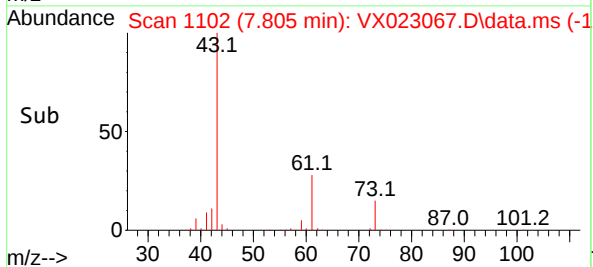
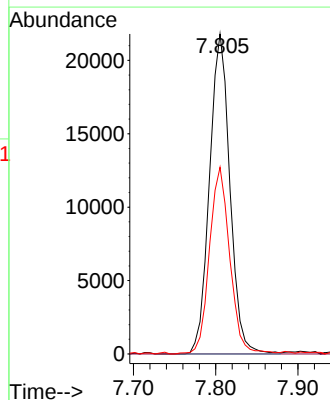
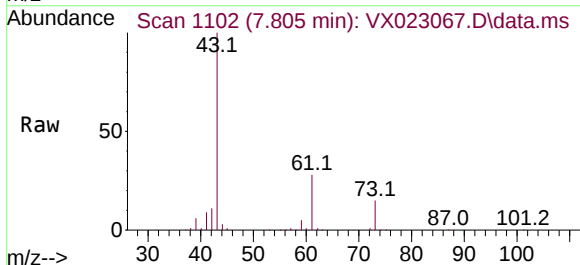
Instrument :
MSVOA_X
ClientSampleId :

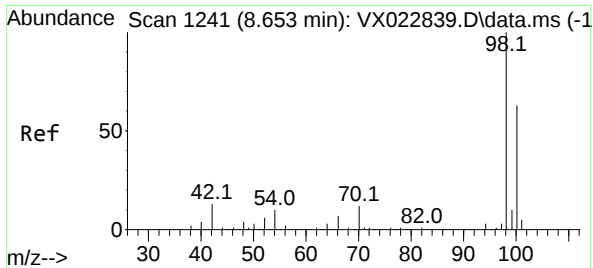
Tgt Ion:	43	Resp:	8987
Ion	Ratio	Lower	Upper
43	100		
61	17.9	18.2	27.4#
87	10.9	12.5	18.7#



#48
Methyl methacrylate
Concen: 39.883 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion:	41	Resp:	37557
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	58.2	44.6	67.0

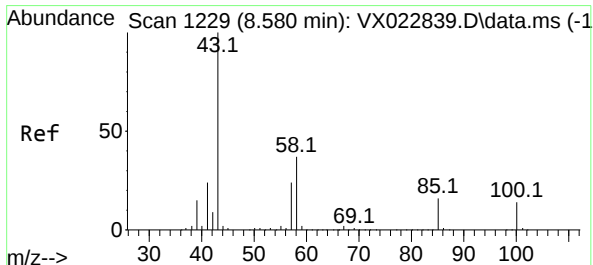
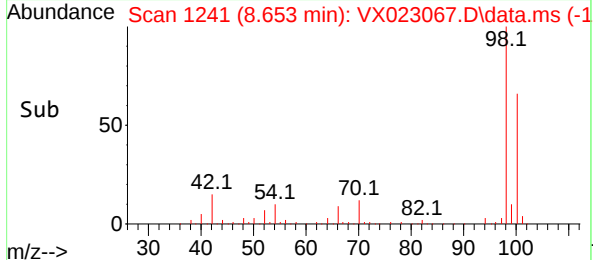
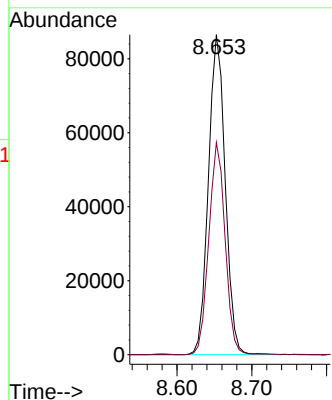
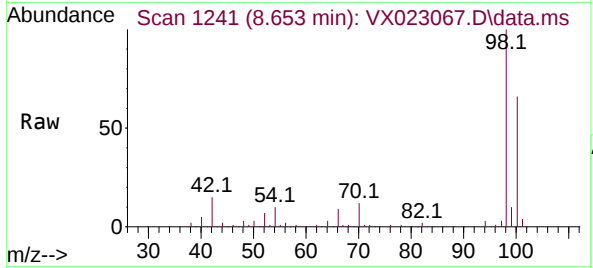




#50
Toluene-d8
Concen: 52.777 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

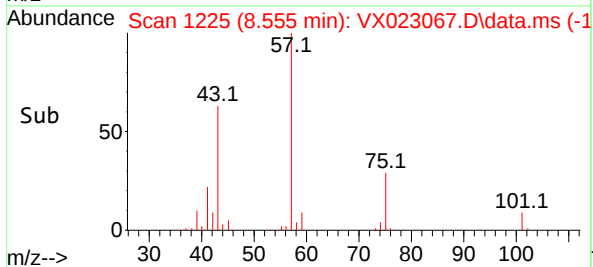
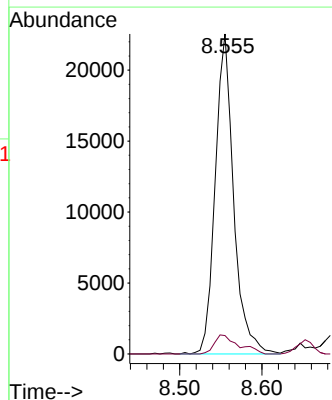
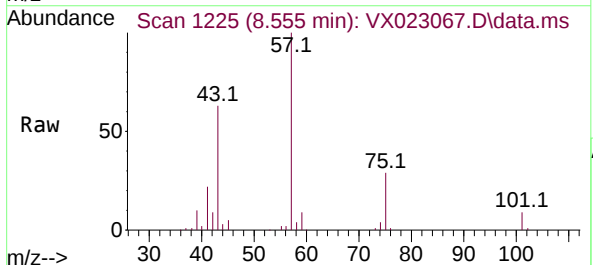
Instrument :
MSVOA_X
ClientSampled :

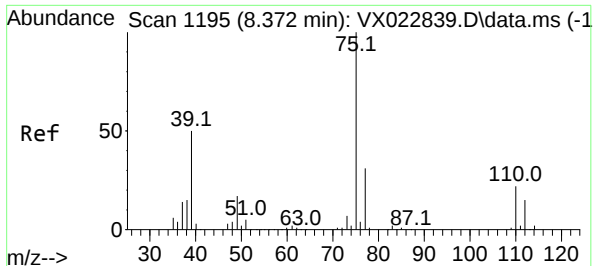
Tgt Ion: 98 Resp: 135105
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 27.737 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 43 Resp: 35124
Ion Ratio Lower Upper
43 100
58 7.8 35.4 53.0#

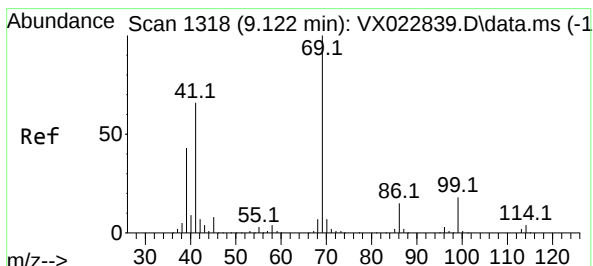
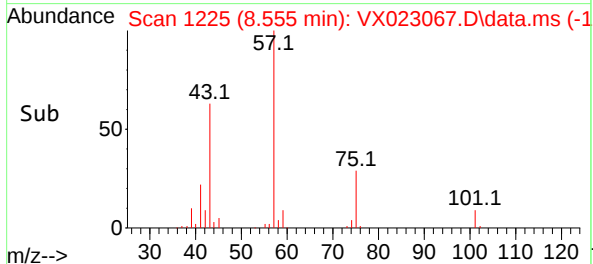
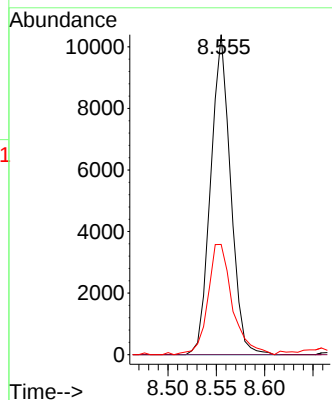
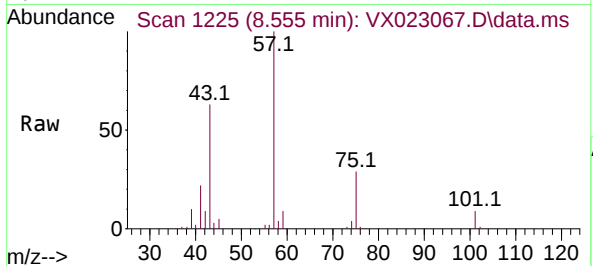




#54
 cis-1,3-Dichloropropene
 Concen: 12.798 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023067.D
 Acq: 01 Jul 2021 05:27

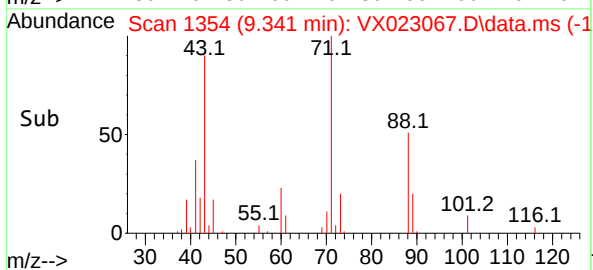
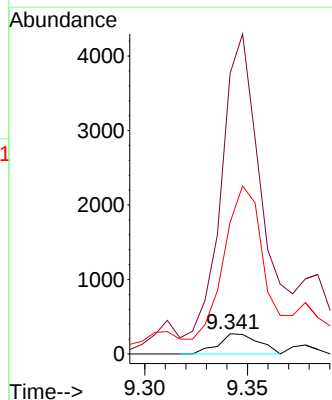
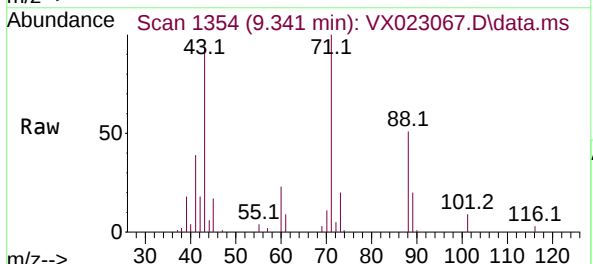
Instrument :
 MSVOA_X
 ClientSampled :

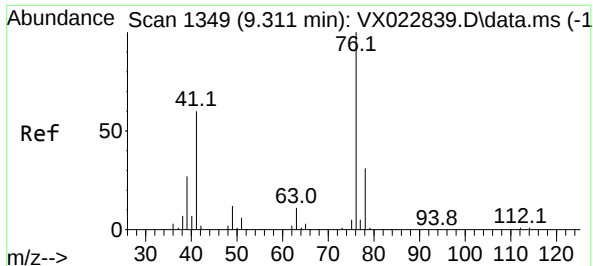
Tgt Ion: 75 Resp: 14882
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 33.9 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 2.827 ug/l
 RT: 9.341 min Scan# 1354
 Delta R.T. 0.219 min
 Lab File: VX023067.D
 Acq: 01 Jul 2021 05:27

Tgt Ion: 69 Resp: 369
 Ion Ratio Lower Upper
 69 100
 41 1690.2 46.8 70.2#
 39 751.2 24.7 37.1#



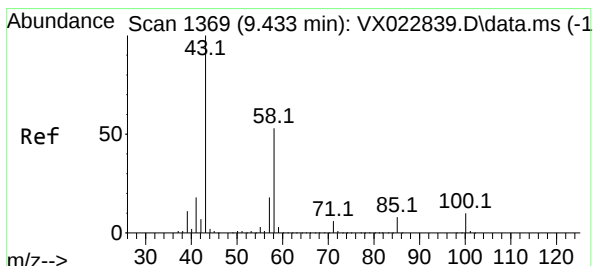
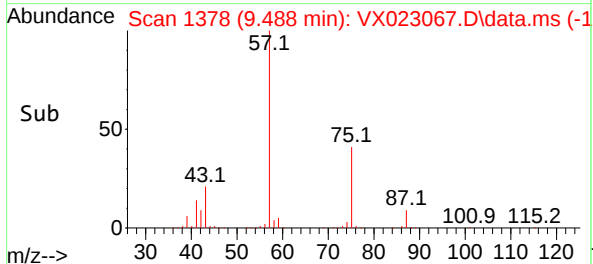
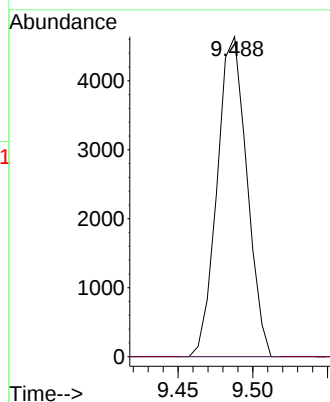
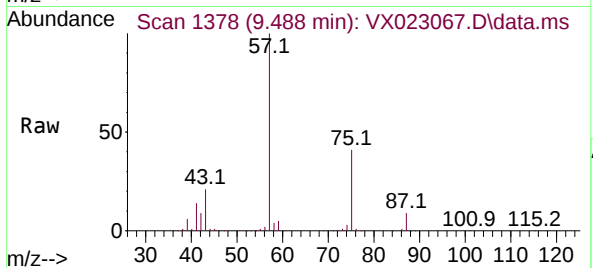


#57

1,3-Dichloropropane
Concen: 4.623 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Instrument :
MSVOA_X
ClientSampled :

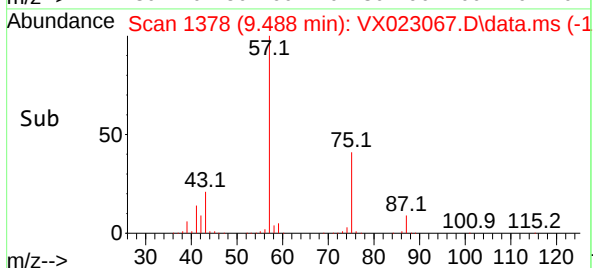
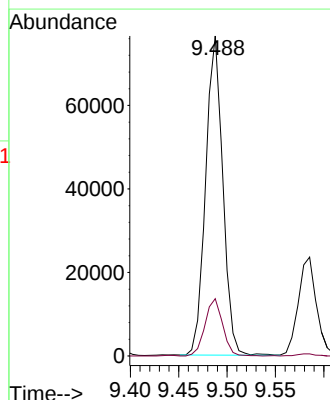
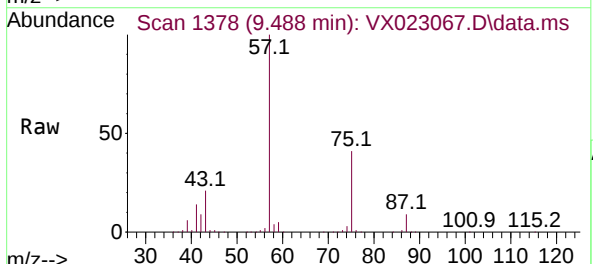
Tgt Ion: 76 Resp: 6421
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

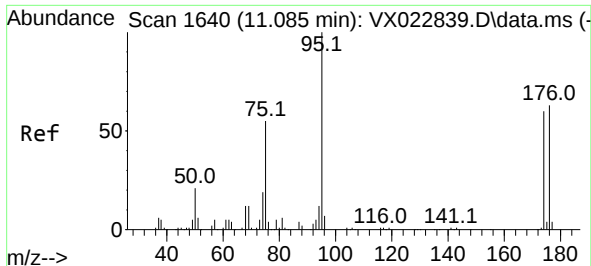


#59

2-Hexanone
Concen: 98.307 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 43 Resp: 94442
Ion Ratio Lower Upper
43 100
58 18.5 30.9 92.8#

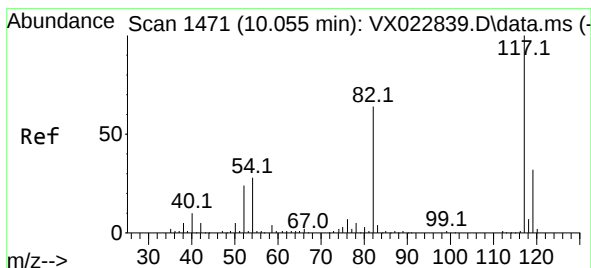
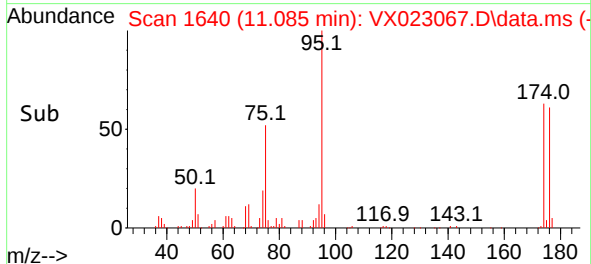
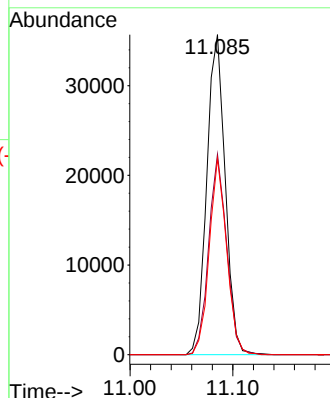
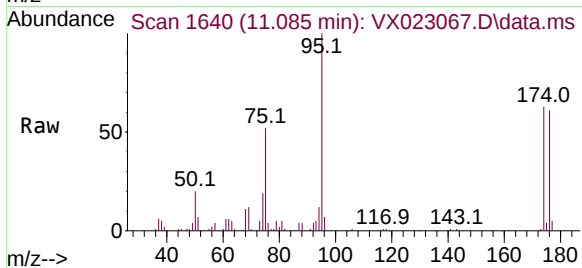




#62
4-Bromofluorobenzene
Concen: 46.551 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

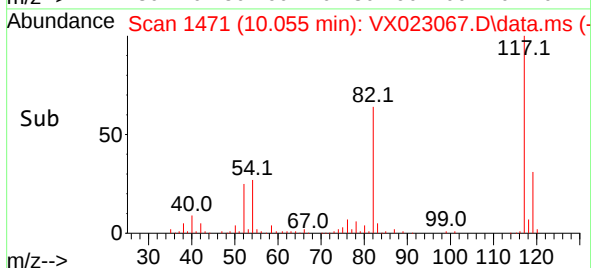
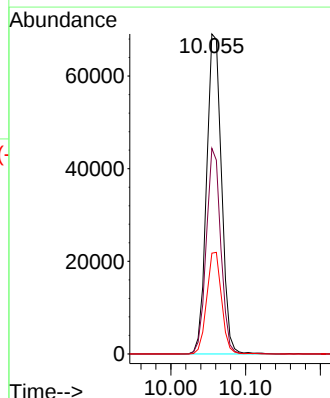
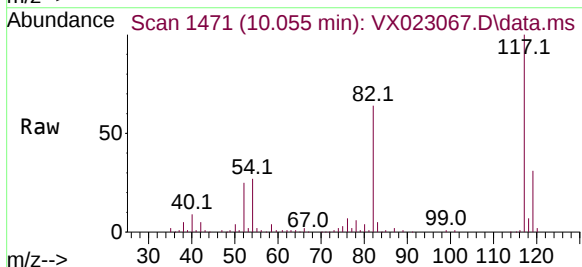
Instrument :
MSVOA_X
ClientSampleId :

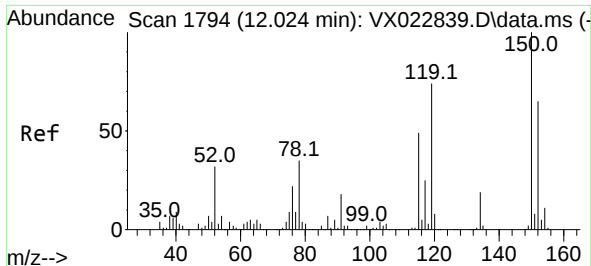
Tgt Ion: 95 Resp: 44474
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 57.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 117 Resp: 95800
Ion Ratio Lower Upper
117 100
82 64.3 47.4 71.2
119 31.5 26.6 39.8

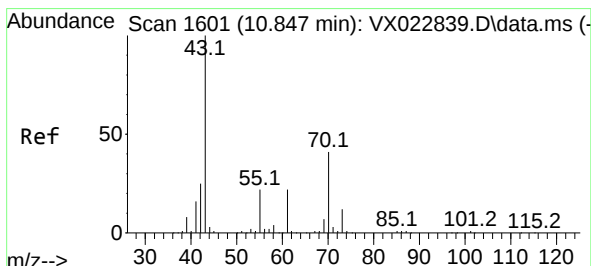
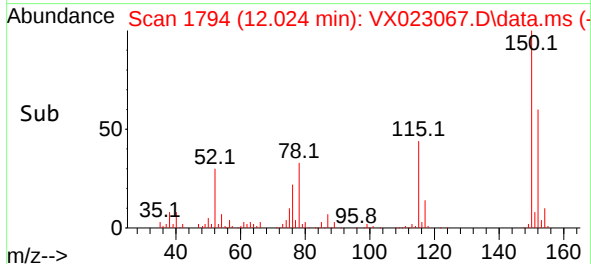
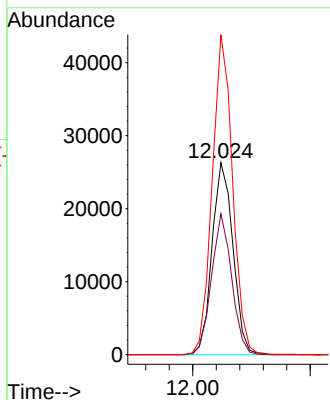
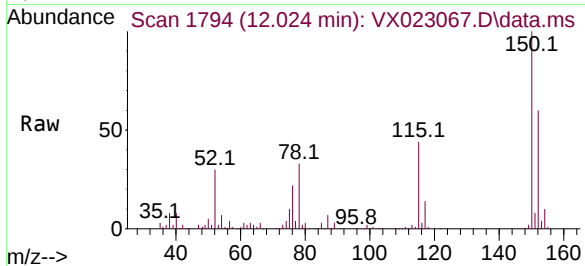




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

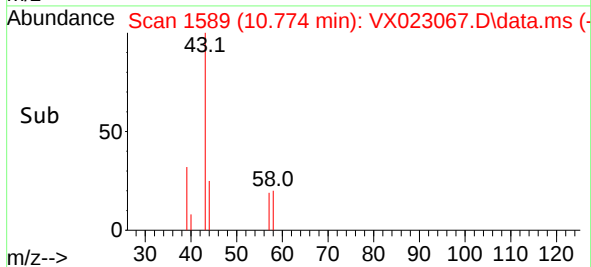
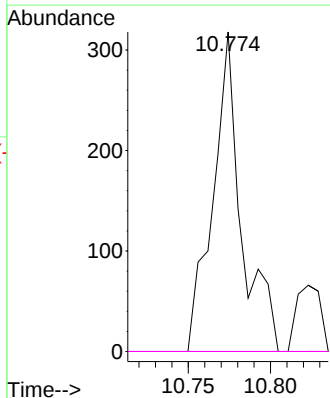
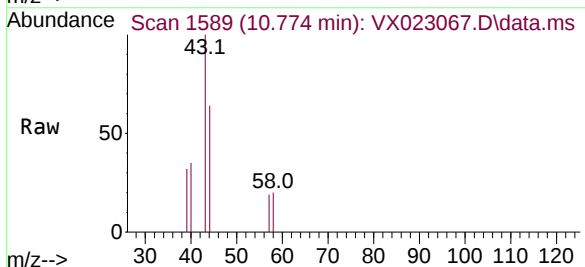
Instrument :
MSVOA_X
ClientSampled :

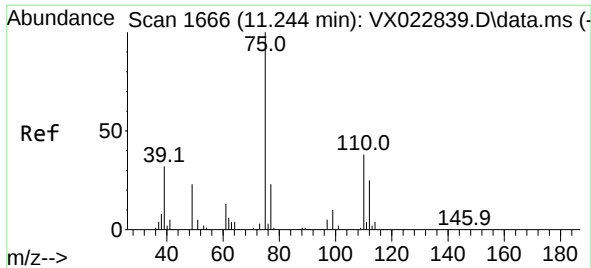
Tgt Ion:152 Resp: 32492
Ion Ratio Lower Upper
152 100
115 70.7 41.1 123.3
150 162.1 0.0 349.0



#74
N-ethyl acetate
Concen: 2.292 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 43 Resp: 383
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#

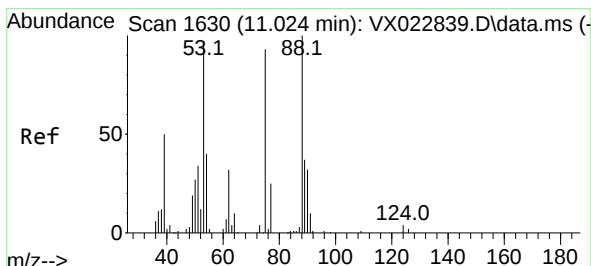
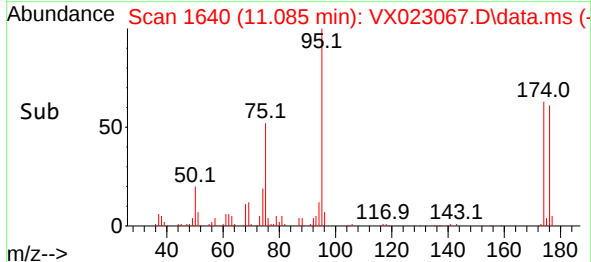
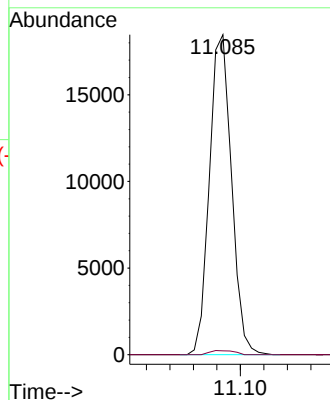
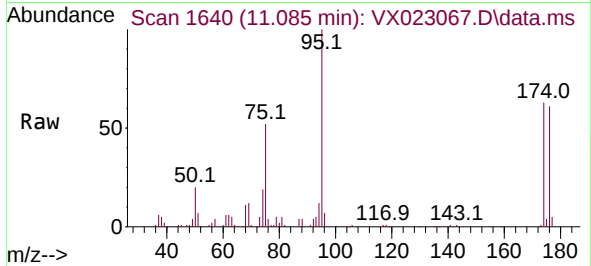




#76
1,2,3-Trichloropropane
Concen: 28.152 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

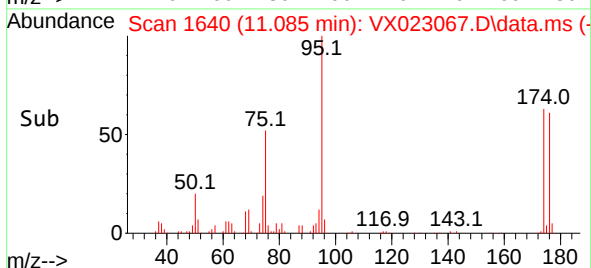
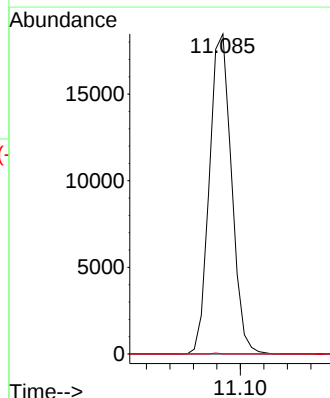
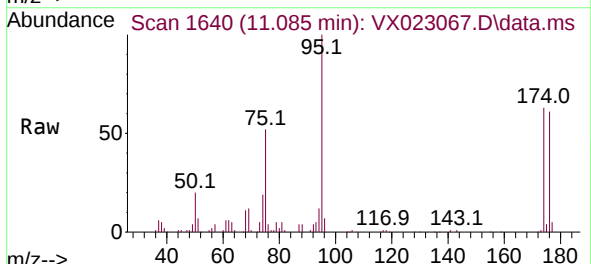
Instrument :
MSVOA_X
ClientSampleId :

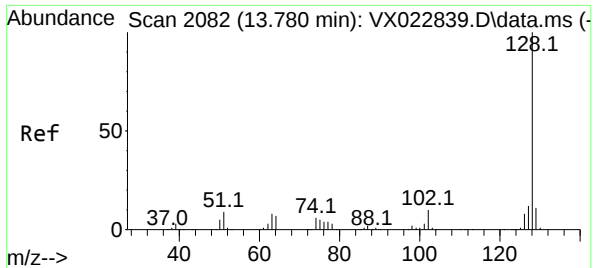
Tgt Ion: 75 Resp: 24161
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.648 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Tgt Ion: 75 Resp: 24161
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.949 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023067.D
Acq: 01 Jul 2021 05:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 73
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

