

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023558.D
 Acq On : 04 Aug 2021 22:19
 Operator : JC/MD
 Sample : M3276-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PRE-MAEC-02

Quant Time: Aug 05 06:10:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

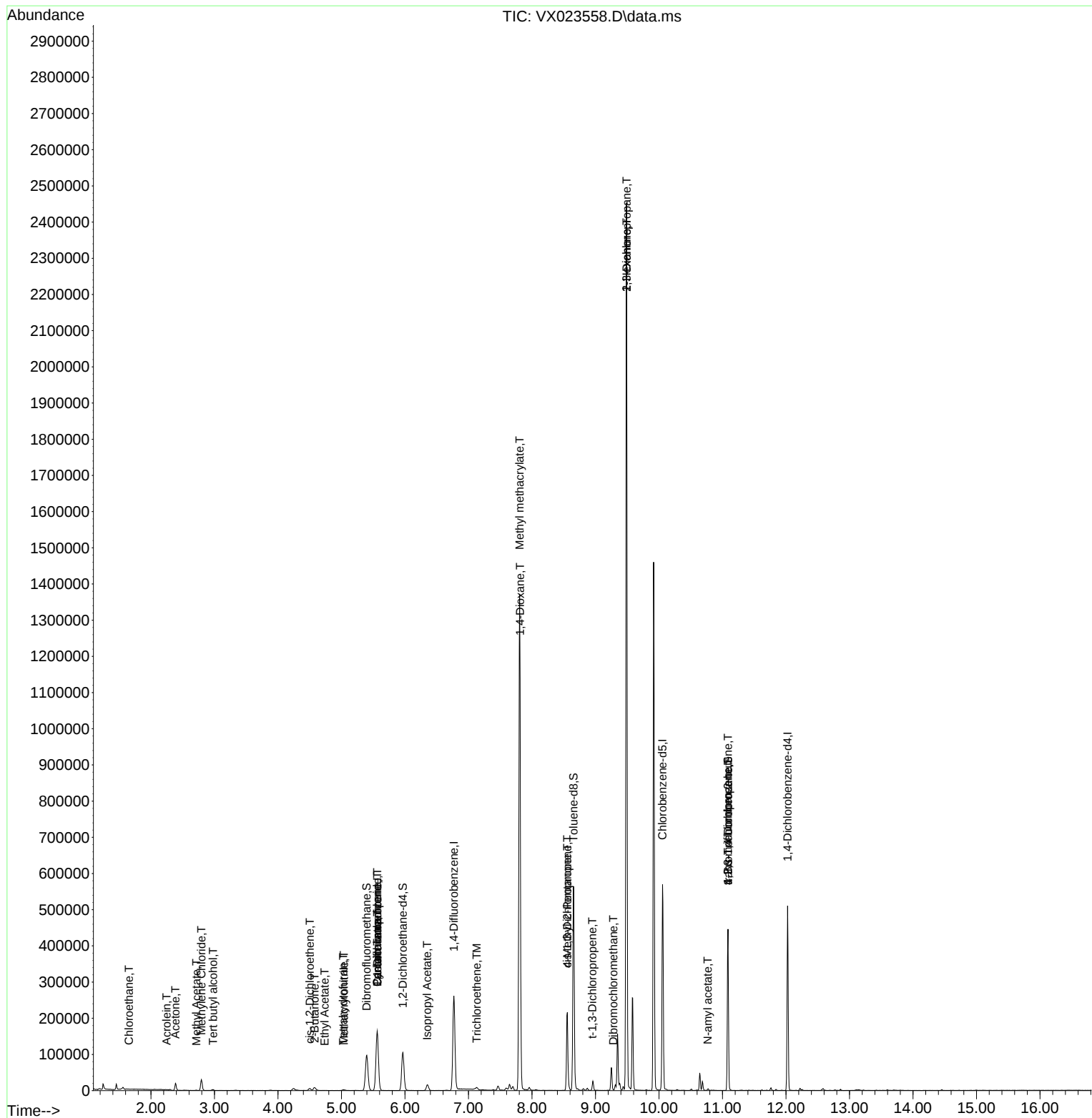
Internal Standards						
1) Pentafluorobenzene	5.562	168	154461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	259746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102467	53.181	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.360%			
35) Dibromofluoromethane	5.397	113	83647	51.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	8.653	98	326680	54.750	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.500%			
62) 4-Bromofluorobenzene	11.085	95	110261	54.344	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.680%			
Target Compounds					Qvalue	
6) Chloroethane	1.654	64	382	0.371	ug/l #	43
11) Tert butyl alcohol	2.977	59	2600	5.907	ug/l #	95
13) Acrolein	2.246	56	140	1.986	ug/l #	45
16) Acetone	2.386	43	20184	21.355	ug/l	90
18) Methyl Acetate	2.715	43	1344	0.598	ug/l	90
20) Methylene Chloride	2.794	84	13277	7.222	ug/l	92
25) 2-Butanone	4.574	43	15600	10.632	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	3584	1.914	ug/l	90
29) Tetrahydrofuran	5.026	42	2251	2.340	ug/l #	51
31) Cyclohexane	5.562	56	3380	1.184	ug/l #	37
36) 1,1-Dichloropropene	5.562	75	11946	5.084	ug/l #	49
37) Ethyl Acetate	4.733	43	886	0.299	ug/l #	64
38) Carbon Tetrachloride	5.562	117	15368	6.431	ug/l #	15
41) Methacrylonitrile	5.038	41	1353	0.865	ug/l #	40
43) Isopropyl Acetate	6.349	43	21459	4.674	ug/l	93
44) Trichloroethene	7.129	130	1858	0.971	ug/l	94
48) Methyl methacrylate	7.806	41	120938	56.883	ug/l #	38
49) 1,4-Dioxane	7.812	88	317	7.002	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	76269	27.162	ug/l #	45
53) t-1,3-Dichloropropene	8.952	75	43	1.831	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	32846	11.695	ug/l #	68
57) 1,3-Dichloropropane	9.488	76	19293	6.496	ug/l #	43
59) 2-Hexanone	9.488	43	284701	133.522	ug/l #	44
60) Dibromochloromethane	9.281	129	91	2.028	ug/l #	11
74) N-amyl acetate	10.768	43	2210	0.641	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	57306	25.982	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57306	69.862	ug/l #	12

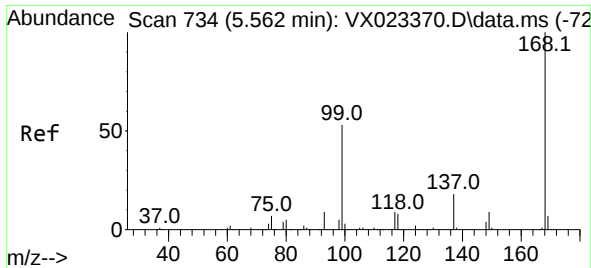
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023558.D
Acq On : 04 Aug 2021 22:19
Operator : JC/MD
Sample : M3276-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

Quant Time: Aug 05 06:10:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

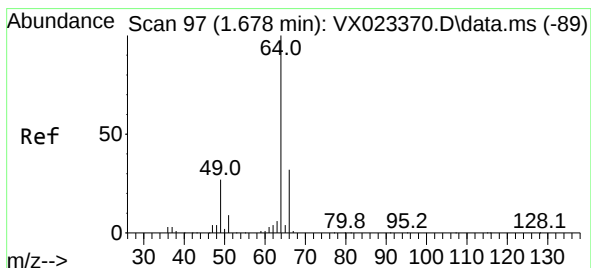
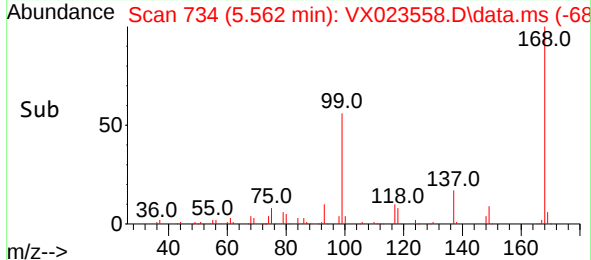
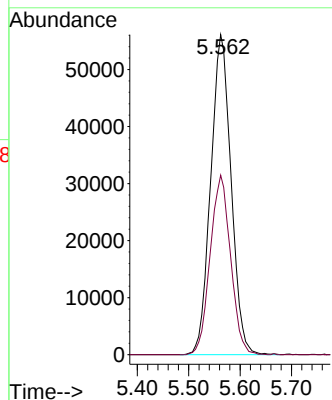
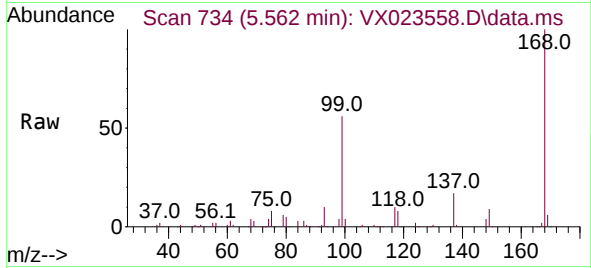




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

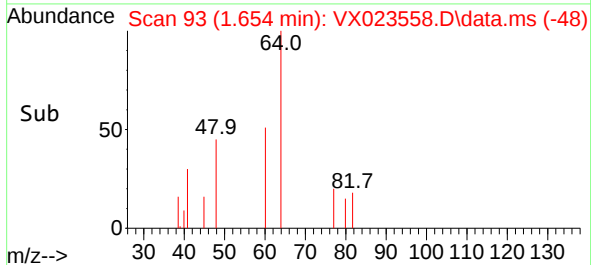
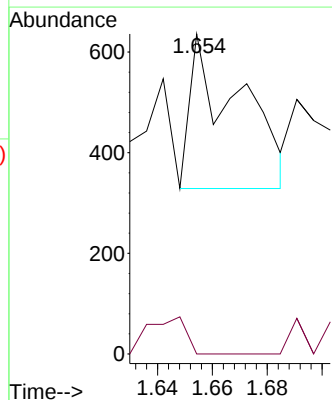
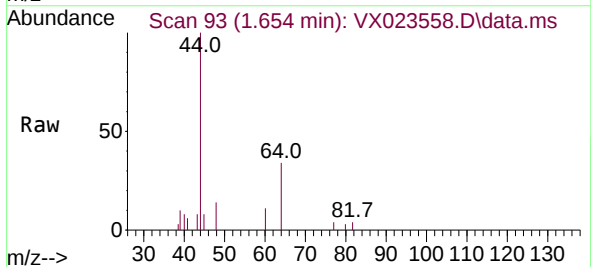
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

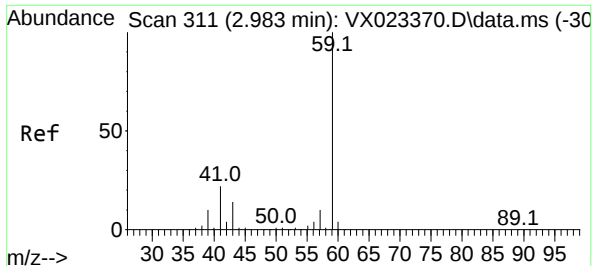
Tgt Ion:168 Resp: 154461
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



#6
Chloroethane
Concen: 0.371 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 64 Resp: 382
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



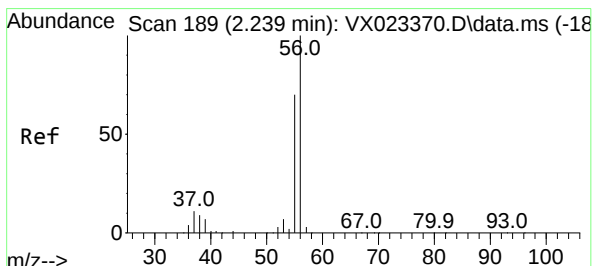
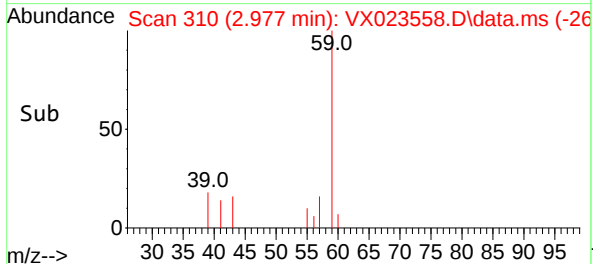
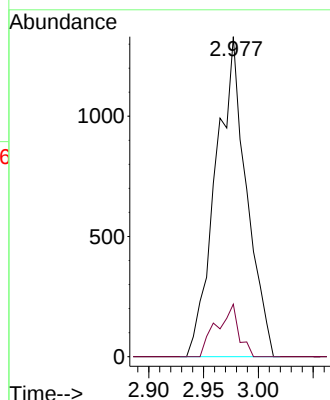
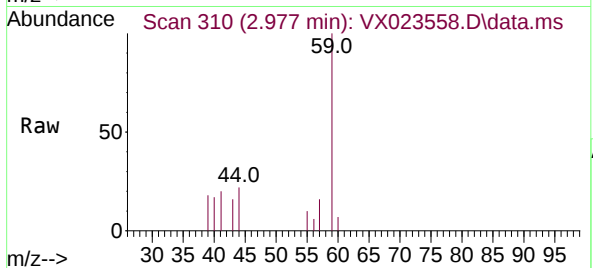


#11

Tert butyl alcohol
Concen: 5.907 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

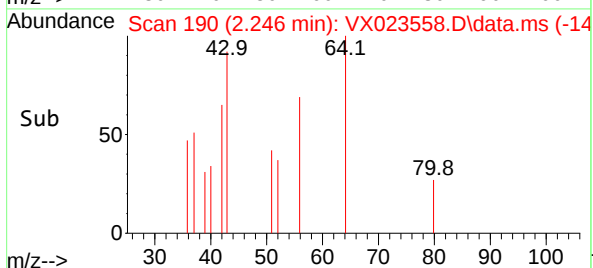
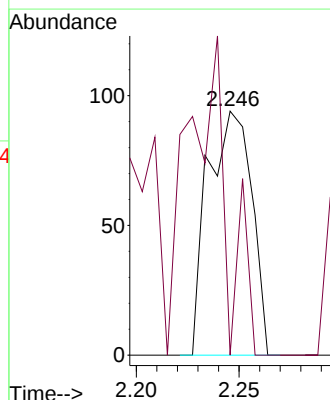
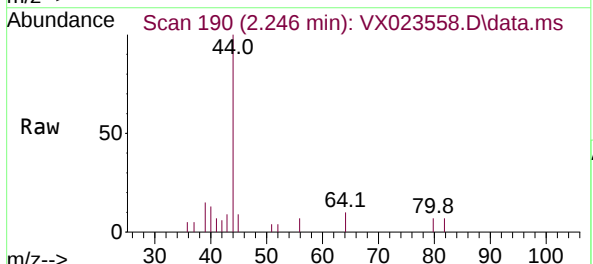
Tgt Ion: 59 Resp: 2600
Ion Ratio Lower Upper
59 100
57 11.8 7.8 11.8#

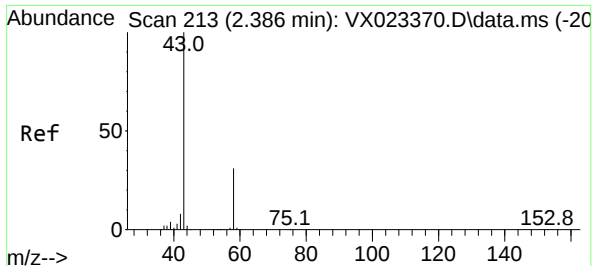


#13

Acrolein
Concen: 1.986 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 115.7 56.4 84.6#

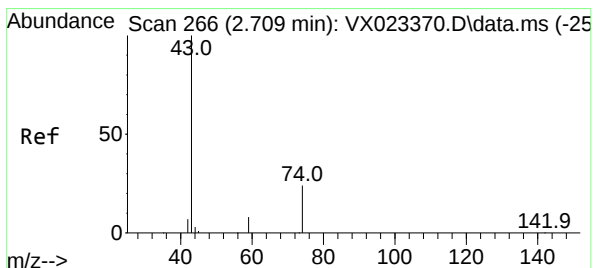
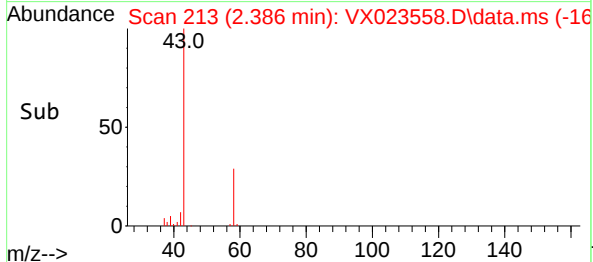
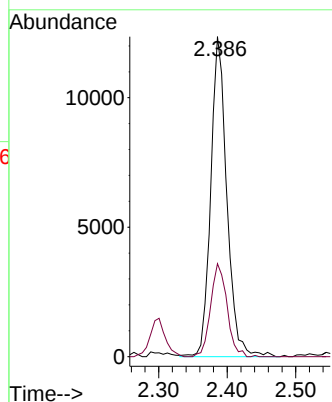
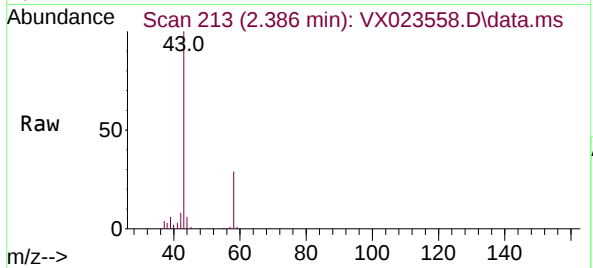




#16
Acetone
Concen: 21.355 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

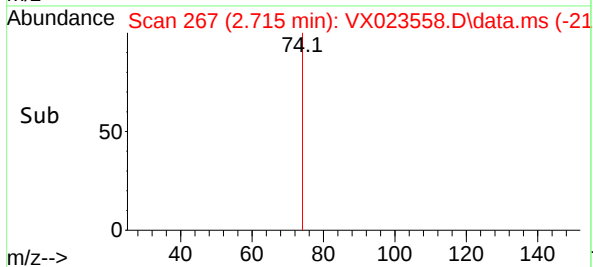
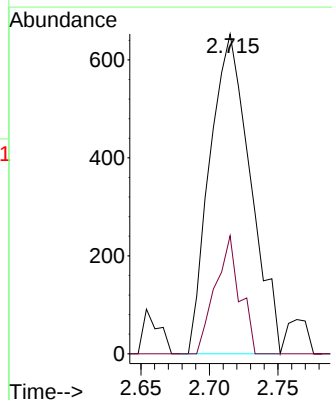
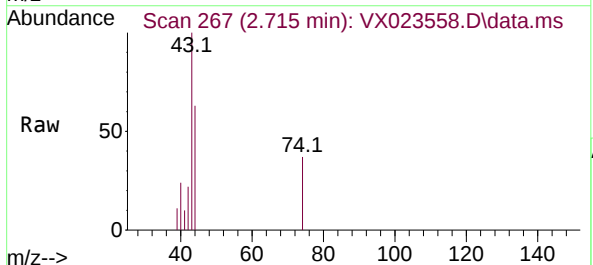
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

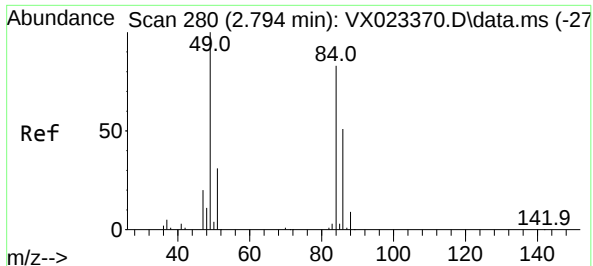
Tgt Ion: 43 Resp: 20184
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.598 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
74 22.3 21.9 32.9

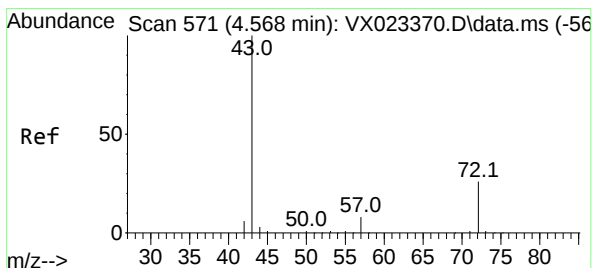
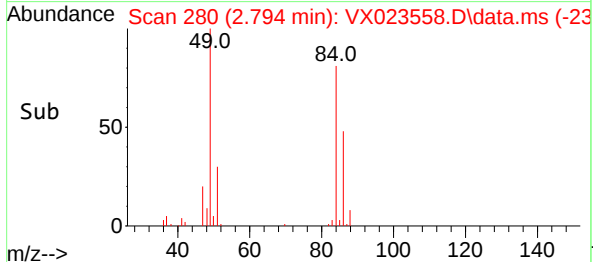
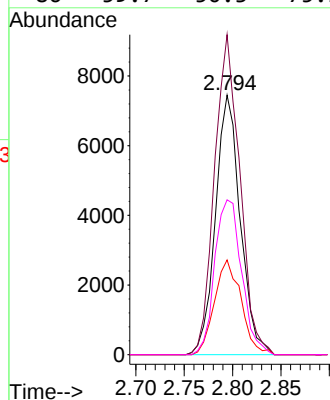
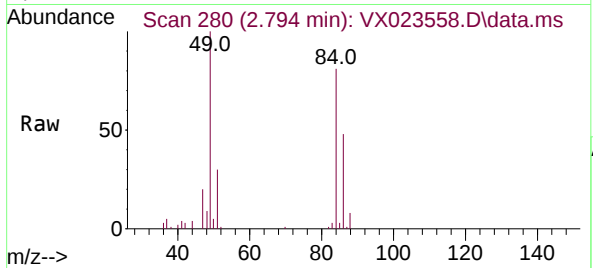




#20
Methylene Chloride
Concen: 7.222 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

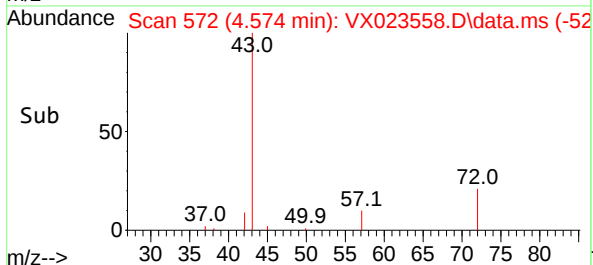
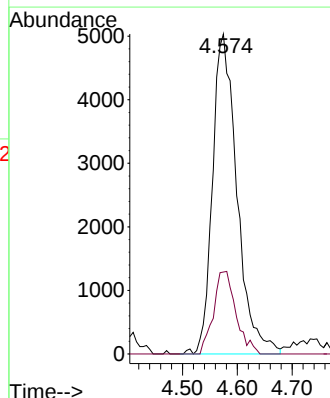
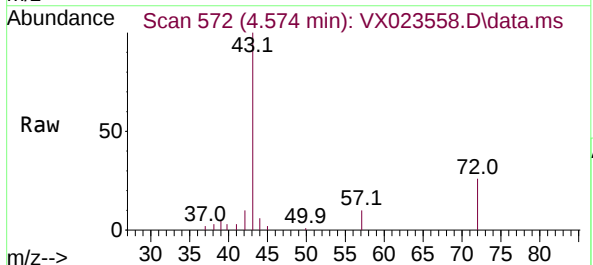
Instrument :
MSVOA_X
ClientSampled :
PRE-MAEC-02

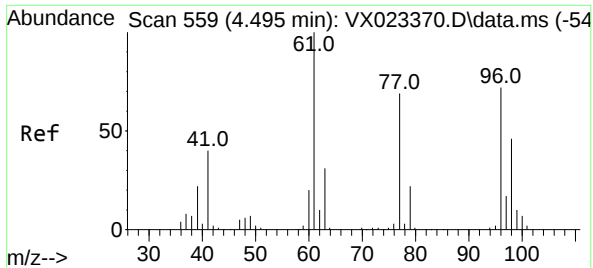
Tgt Ion:	84	Resp:	13277
Ion	Ratio	Lower	Upper
84	100		
49	123.3	88.6	132.8
51	36.5	27.0	40.6
86	59.7	50.3	75.5



#25
2-Butanone
Concen: 10.632 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion:	43	Resp:	15600
Ion	Ratio	Lower	Upper
43	100		
72	25.6	23.7	35.5





#27

cis-1,2-Dichloroethene

Concen: 1.914 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX023558.D

Acq: 04 Aug 2021 22:19

Instrument :

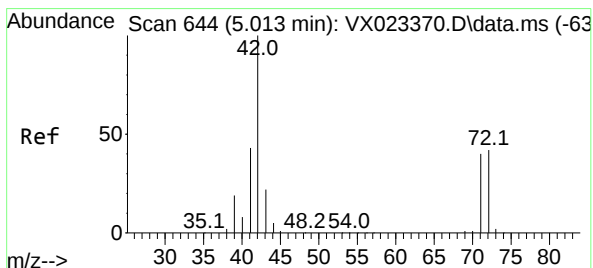
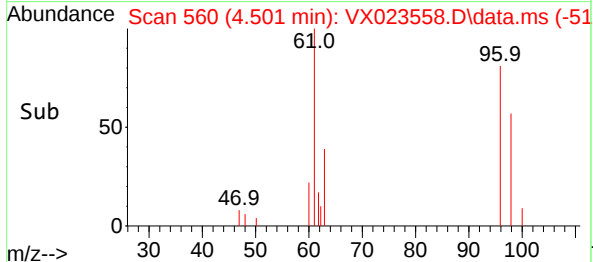
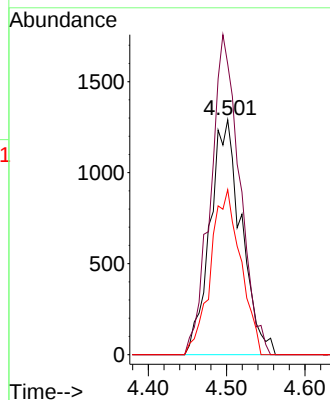
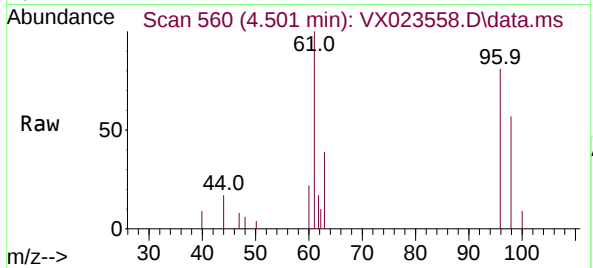
MSVOA_X

ClientSampleId :

PRE-MAEC-02

Tgt Ion: 96 Resp: 3584

Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	285.6
98	67.4	0.0	129.6



#29

Tetrahydrofuran

Concen: 2.340 ug/l

RT: 5.026 min Scan# 646

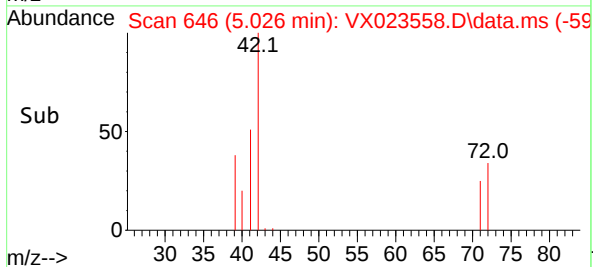
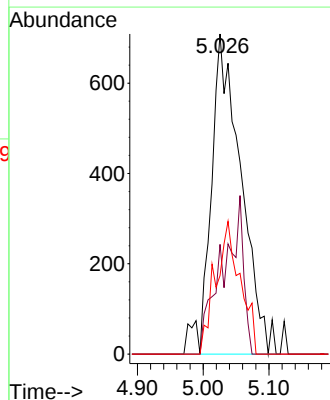
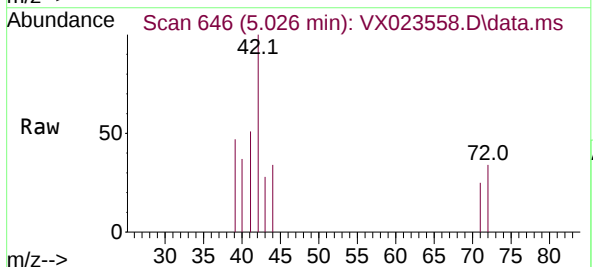
Delta R.T. 0.013 min

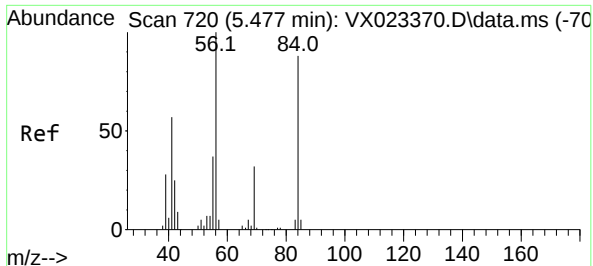
Lab File: VX023558.D

Acq: 04 Aug 2021 22:19

Tgt Ion: 42 Resp: 2251

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	33.9	38.4	57.6#

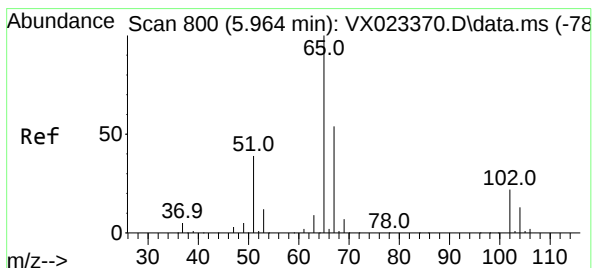
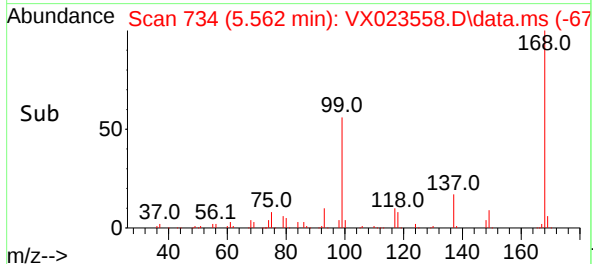
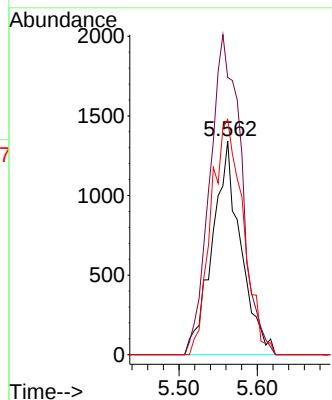
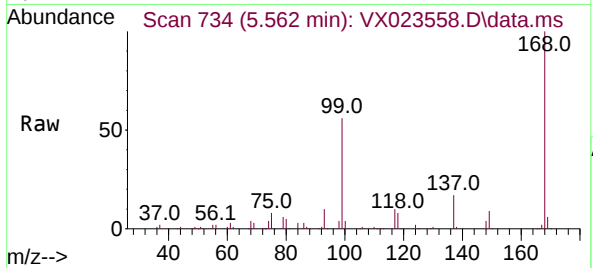




#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

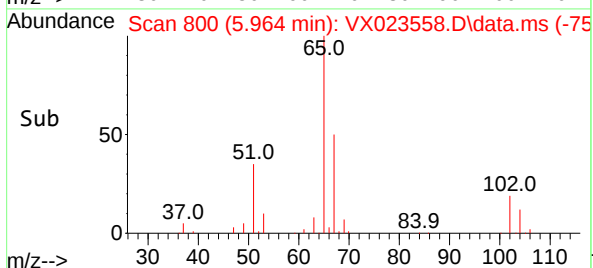
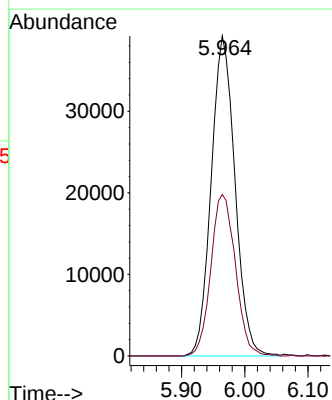
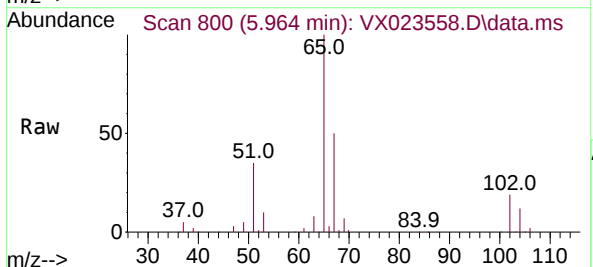
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

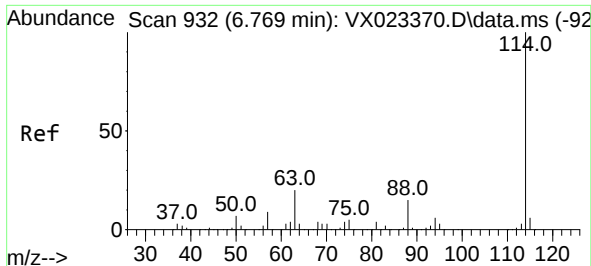
Tgt Ion: 56 Resp: 3380
Ion Ratio Lower Upper
56 100
69 129.7 25.3 37.9#
84 110.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.181 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 65 Resp: 102467
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

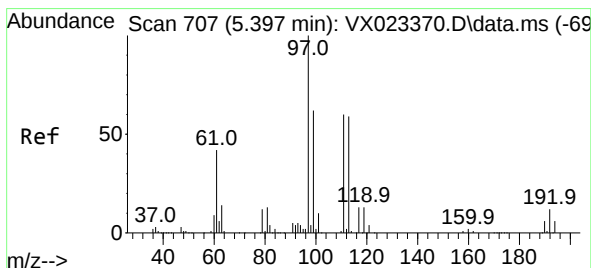
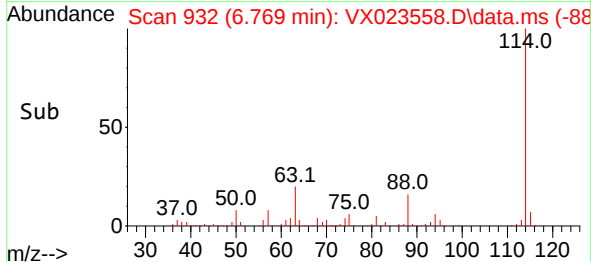
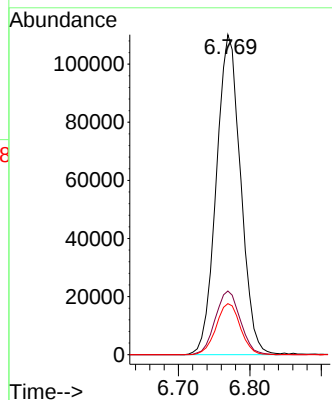
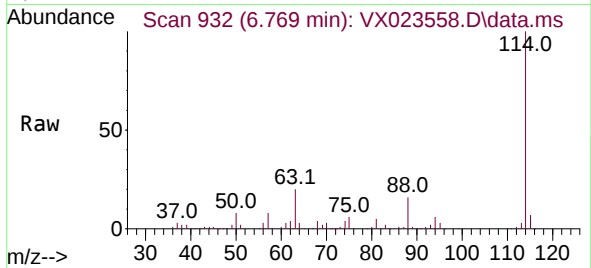




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

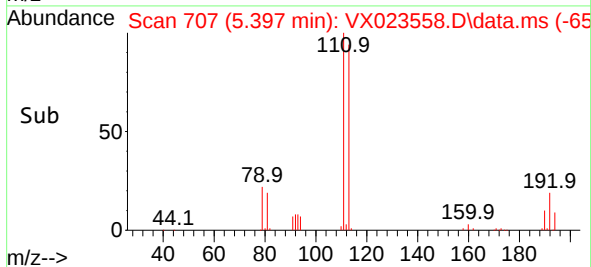
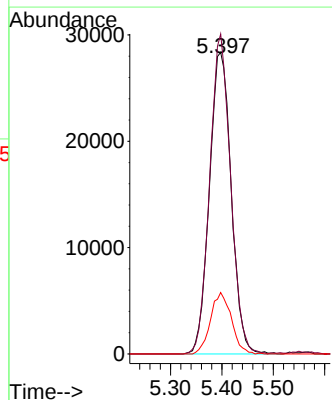
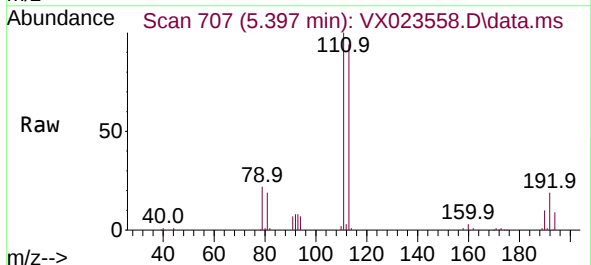
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

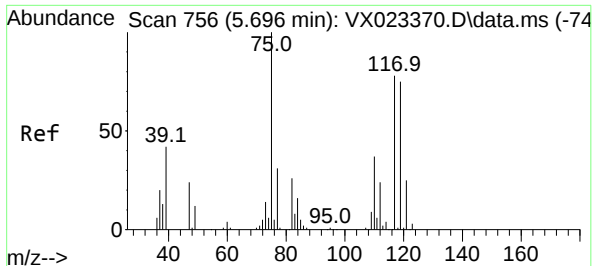
Tgt Ion:114 Resp: 259746
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.505 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion:113 Resp: 83647
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.084 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023558.D

Acq: 04 Aug 2021 22:19

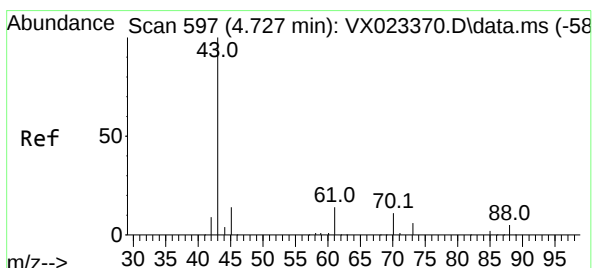
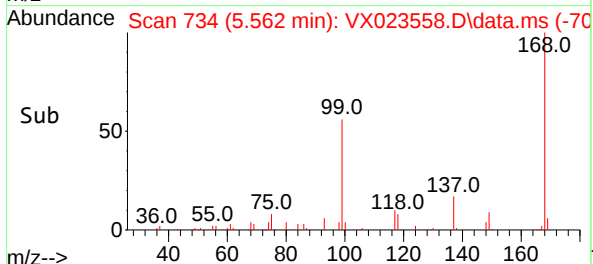
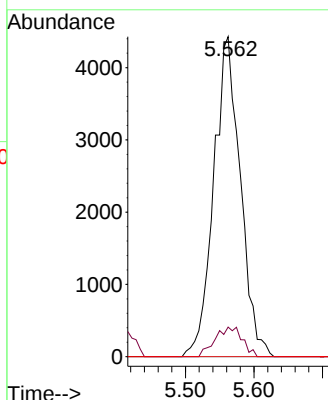
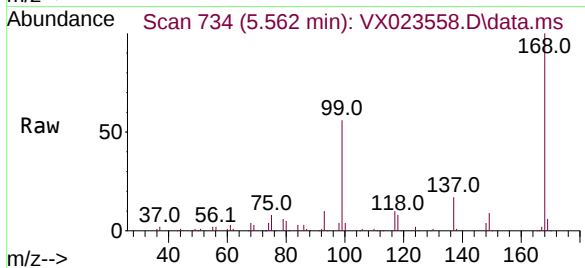
Tgt Ion: 75 Resp: 11946

Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.4#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 0.299 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.006 min

Lab File: VX023558.D

Acq: 04 Aug 2021 22:19

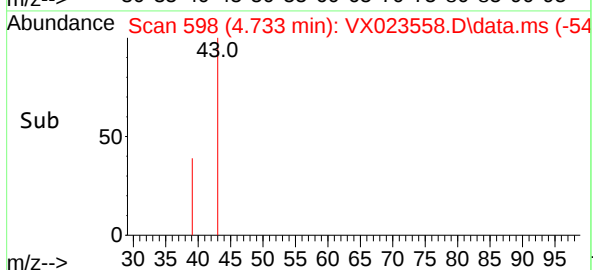
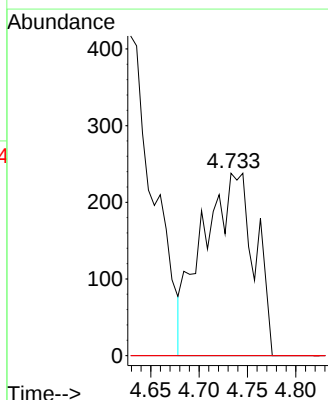
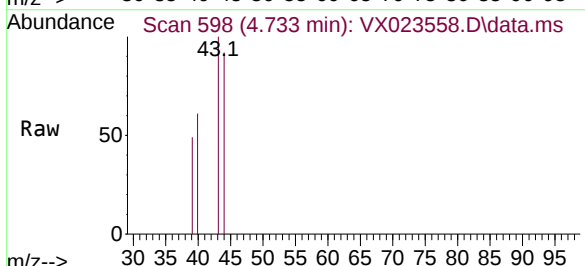
Tgt Ion: 43 Resp: 886

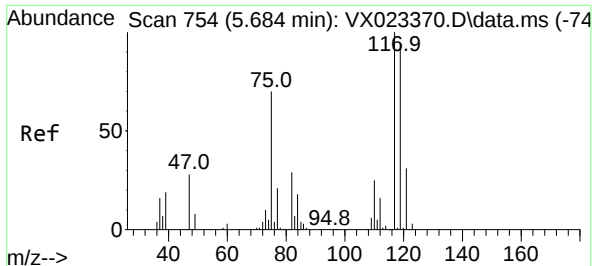
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

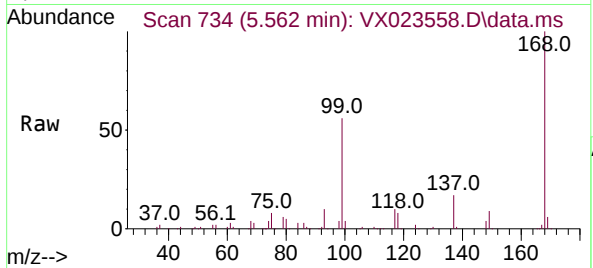
70 0.0 10.5 15.7#



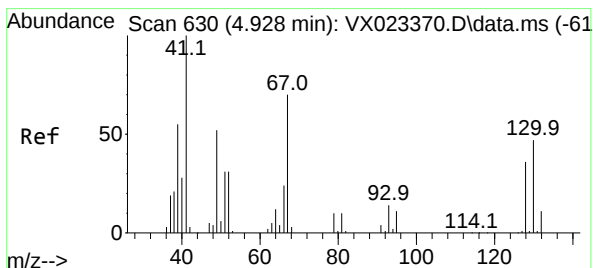
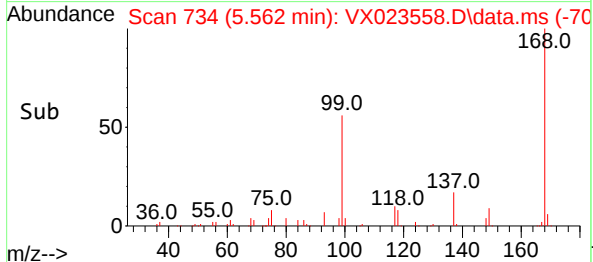
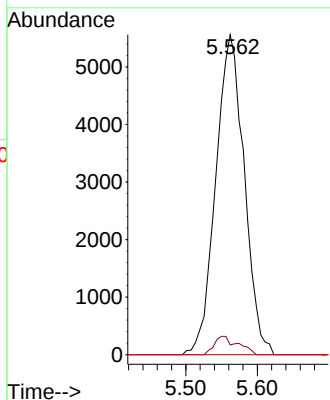


#38
Carbon Tetrachloride
Concen: 6.431 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

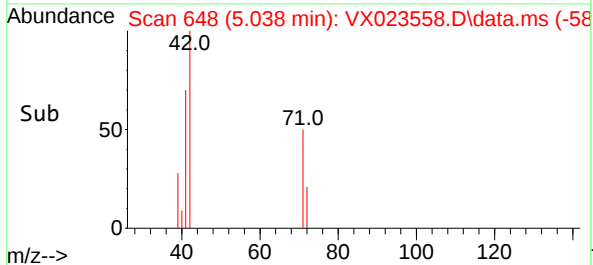
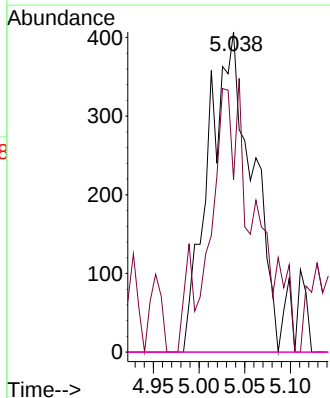
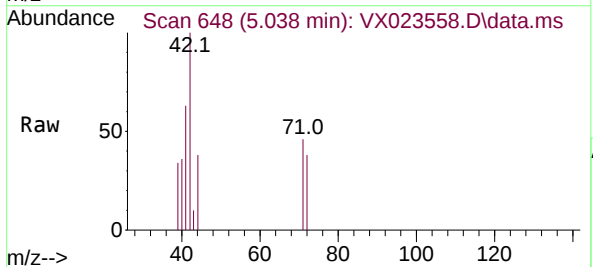


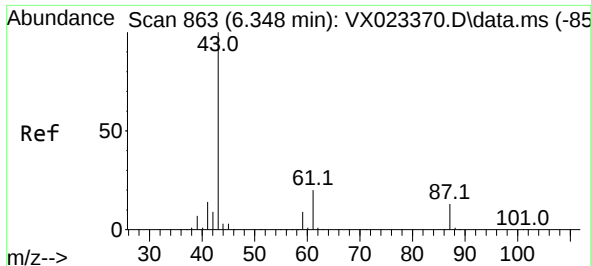
Tgt Ion:117 Resp: 15368
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.865 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 41 Resp: 1353
Ion Ratio Lower Upper
41 100
39 43.0 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

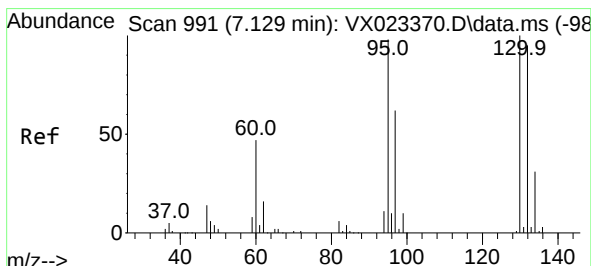
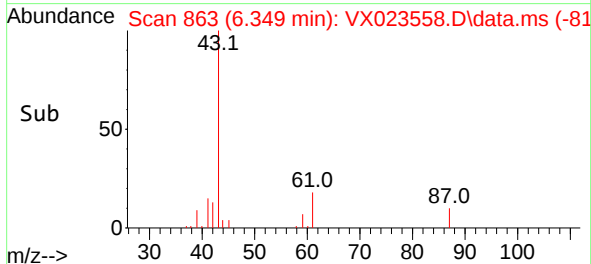
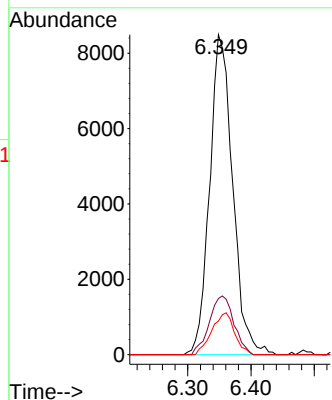
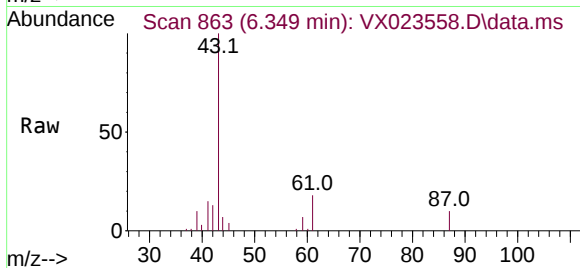




#43
Isopropyl Acetate
Concen: 4.674 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.001 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

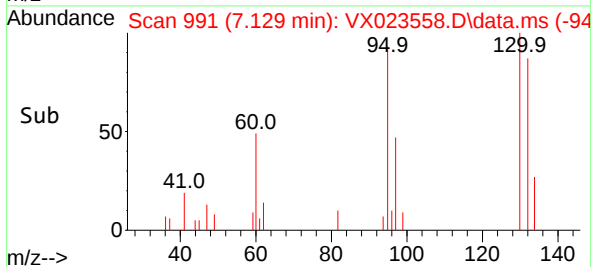
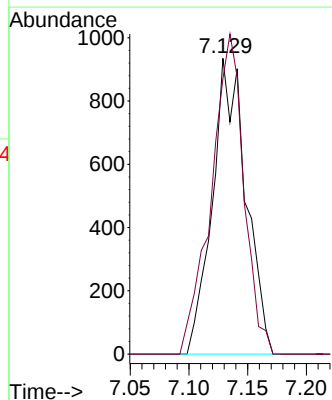
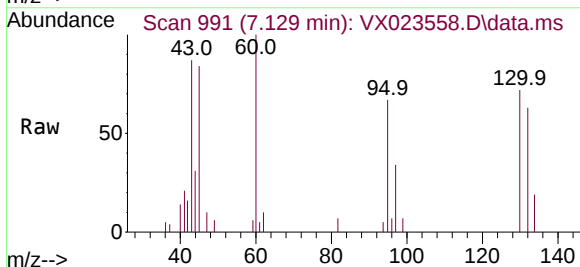
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

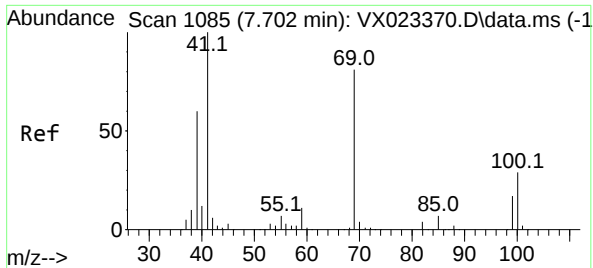
Tgt Ion:	43	Resp:	21459
Ion	Ratio	Lower	Upper
43	100		
61	19.5	18.2	27.4
87	12.9	12.5	18.7



#44
Trichloroethene
Concen: 0.971 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion:	130	Resp:	1858
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	198.0

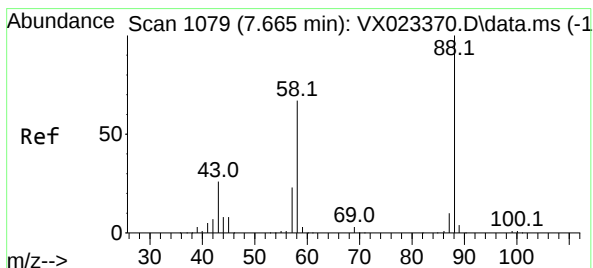
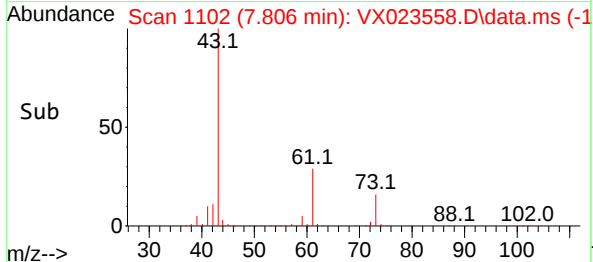
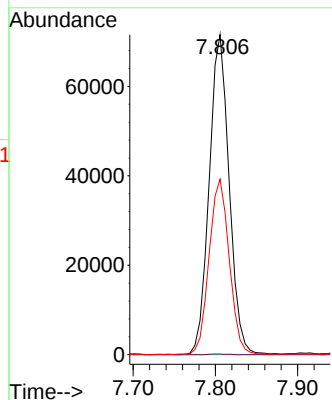
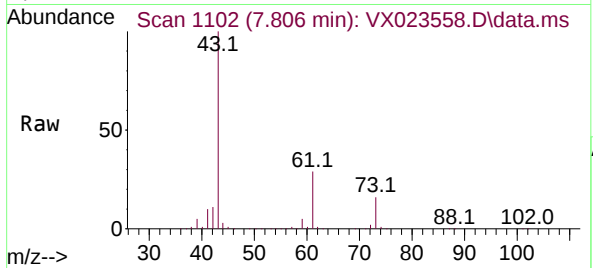




#48
Methyl methacrylate
Concen: 56.883 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.104 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

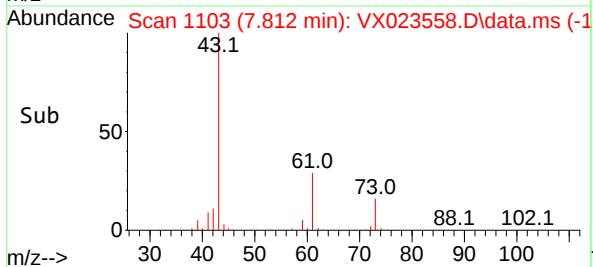
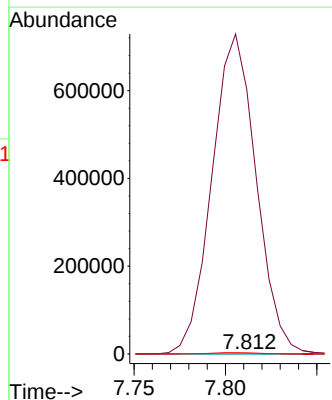
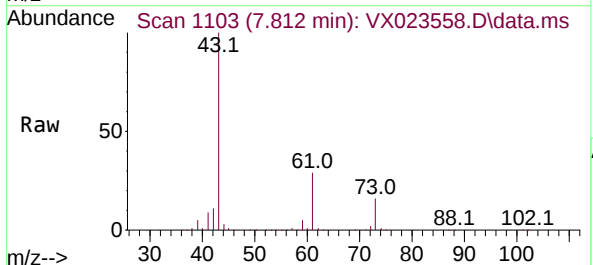
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

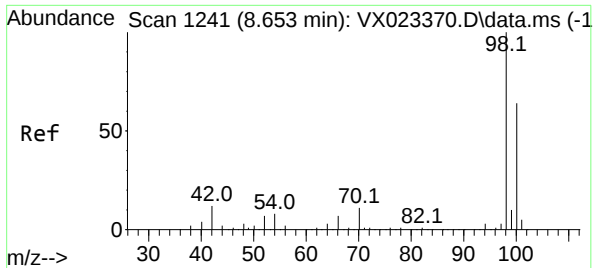
Tgt Ion: 41 Resp: 120938
Ion Ratio Lower Upper
41 100
69 0.2 76.0 114.0#
39 55.6 44.6 67.0



#49
1,4-Dioxane
Concen: 7.002 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.147 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 88 Resp: 317
Ion Ratio Lower Upper
88 100
43 389181.1 23.2 34.8#
58 1687.7 55.0 82.4#

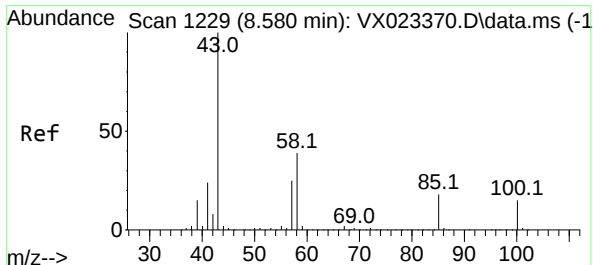
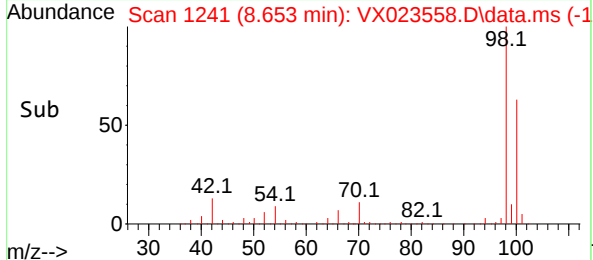
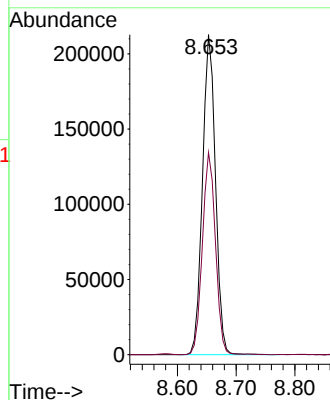
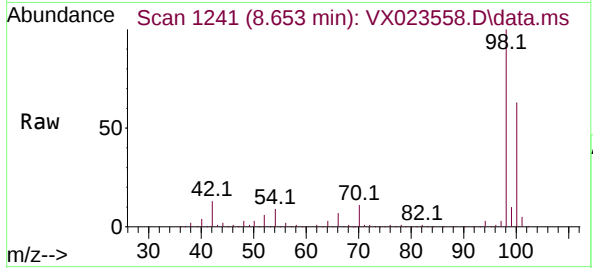




#50
Toluene-d8
Concen: 54.750 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

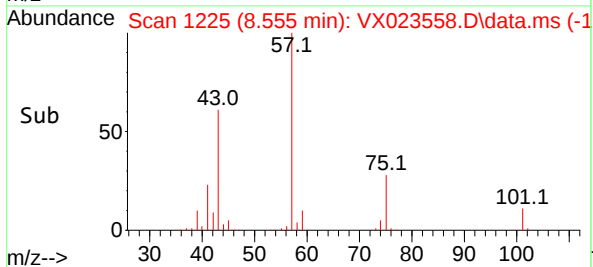
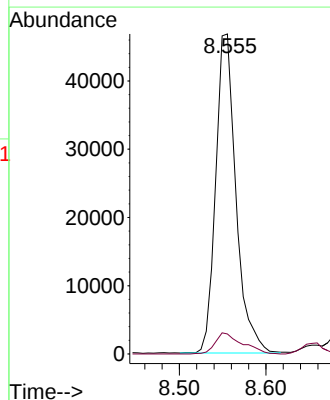
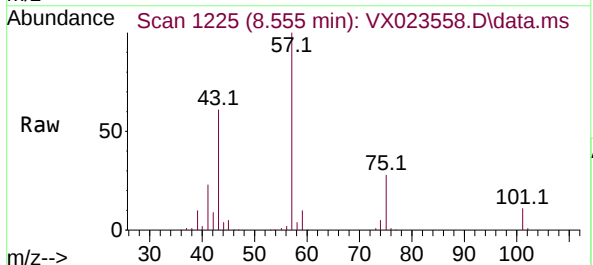
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

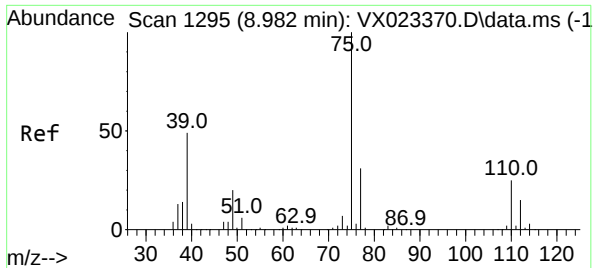
Tgt Ion: 98 Resp: 326680
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 27.162 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 43 Resp: 76269
Ion Ratio Lower Upper
43 100
58 8.8 35.4 53.0#

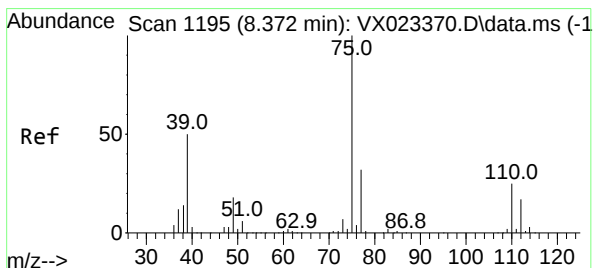
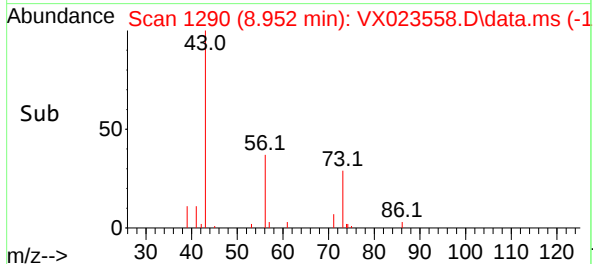
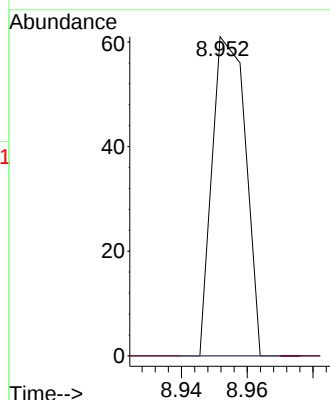
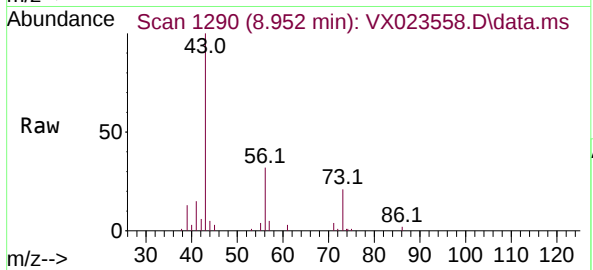




#53
t-1,3-Dichloropropene
Concen: 1.831 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

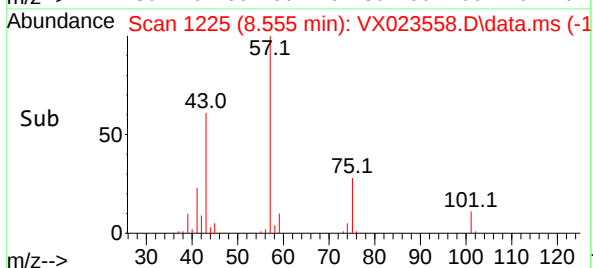
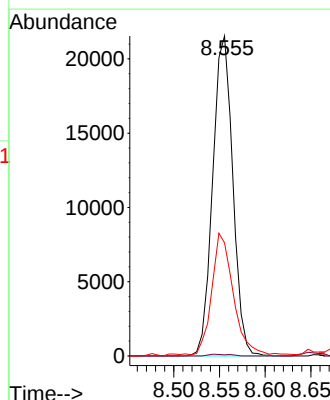
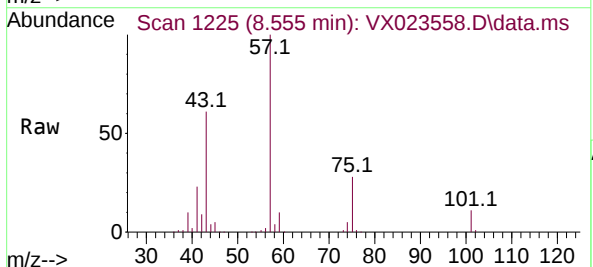
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

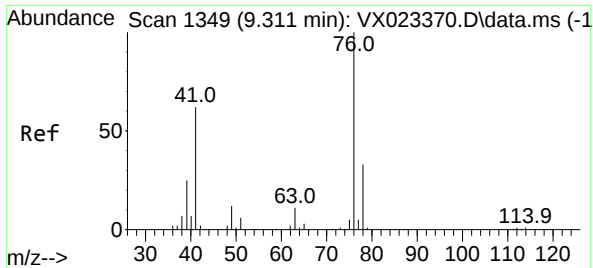
Tgt Ion: 75 Resp: 43
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 11.695 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 75 Resp: 32846
Ion Ratio Lower Upper
75 100
77 0.3 25.7 38.5#
39 34.9 35.1 52.7#

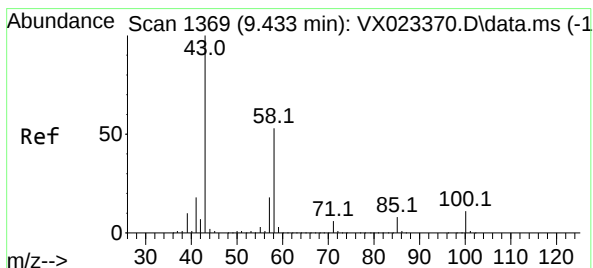
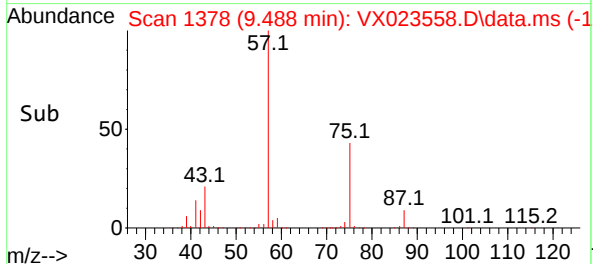
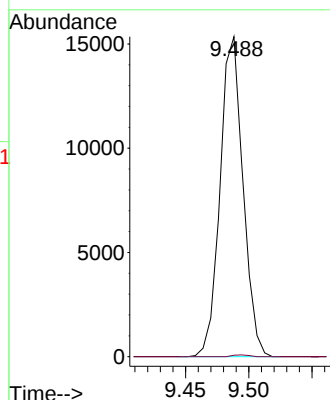
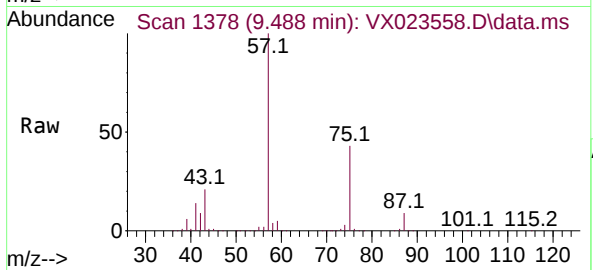




#57
1,3-Dichloropropane
Concen: 6.496 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

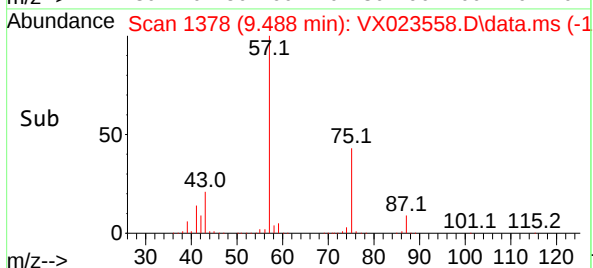
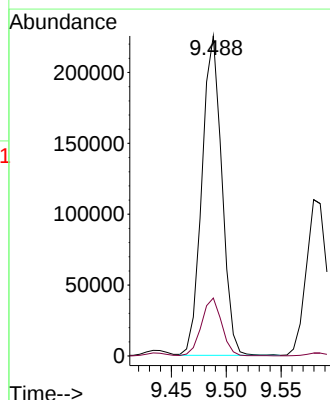
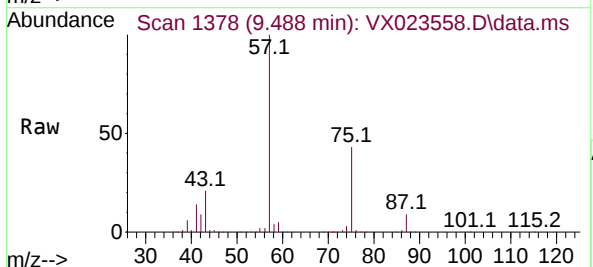
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

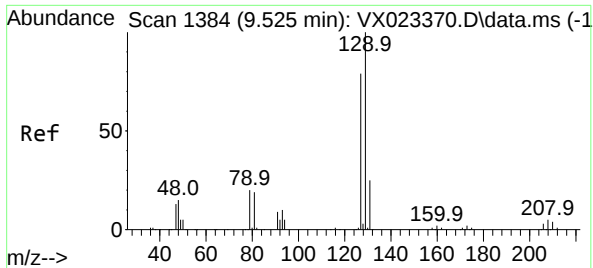
Tgt Ion: 76 Resp: 19293
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#



#59
2-Hexanone
Concen: 133.522 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 43 Resp: 284701
Ion Ratio Lower Upper
43 100
58 18.6 30.9 92.8#

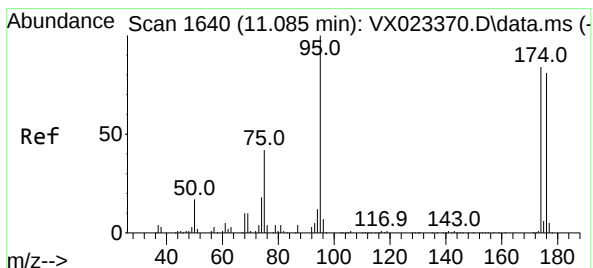
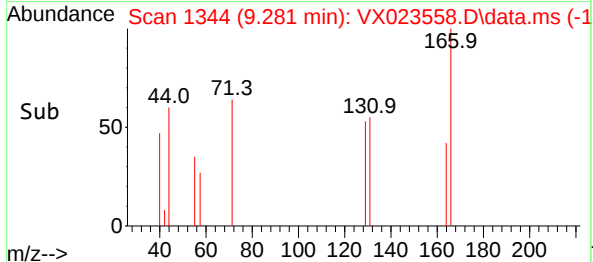
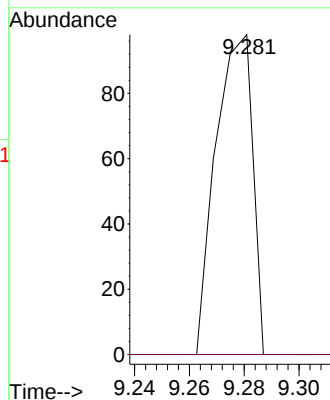
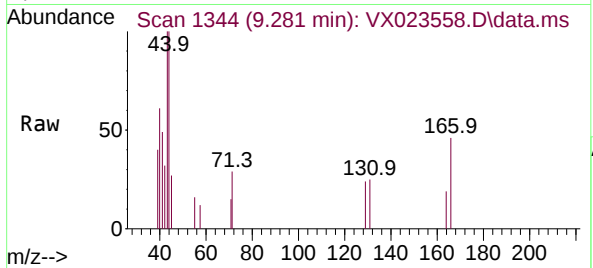




#60
Dibromochloromethane
Concen: 2.028 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

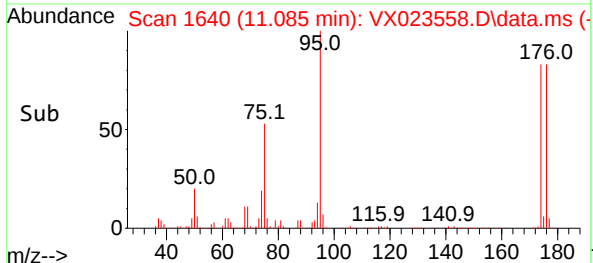
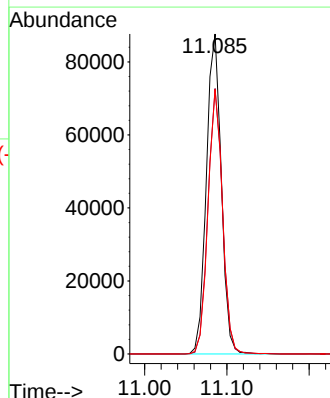
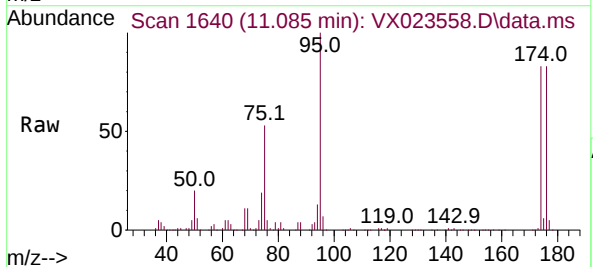
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

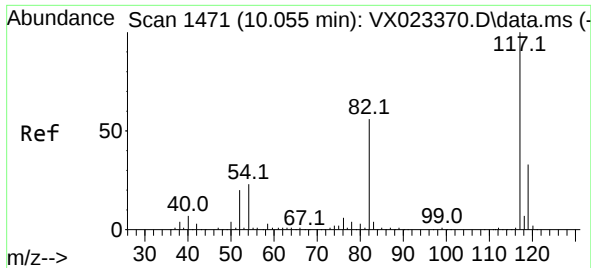
Tgt Ion:129 Resp: 91
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 54.344 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 95 Resp: 110261
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 80.7 0.0 155.8

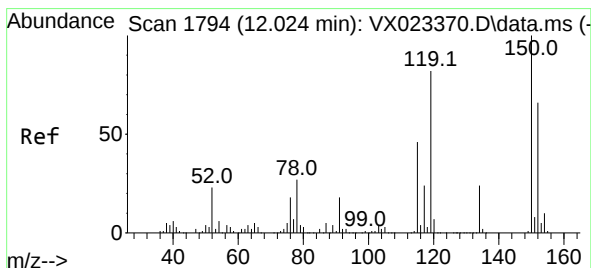
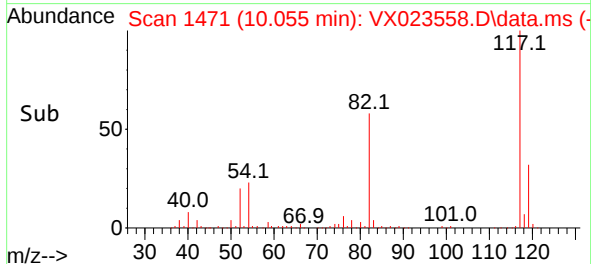
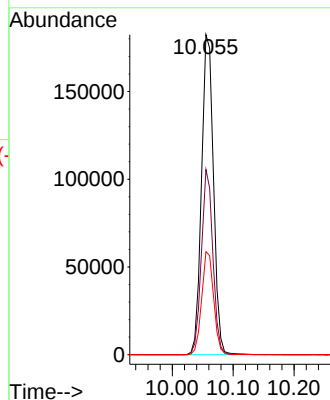
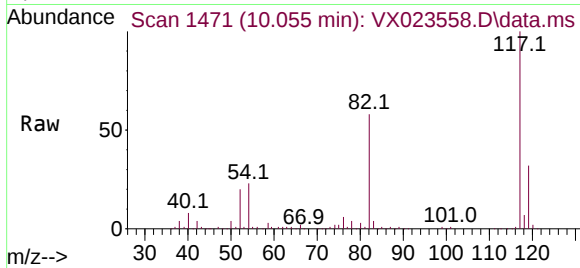




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

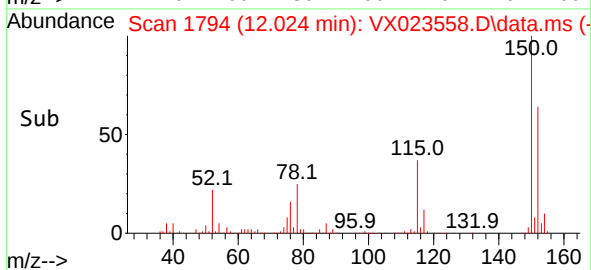
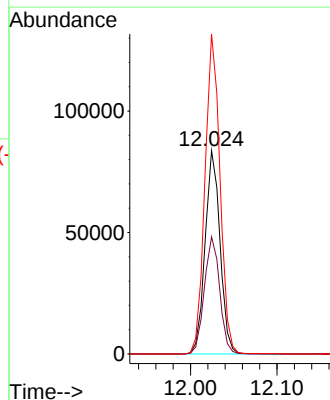
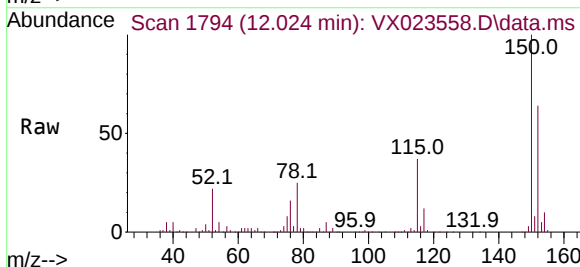
Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

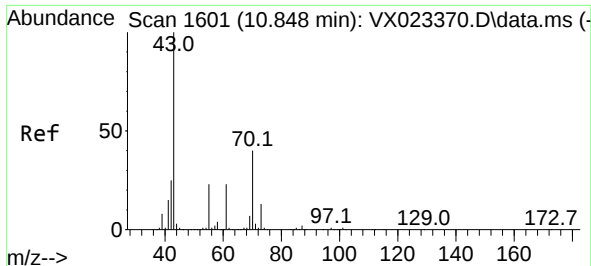
Tgt Ion:117 Resp: 248891
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

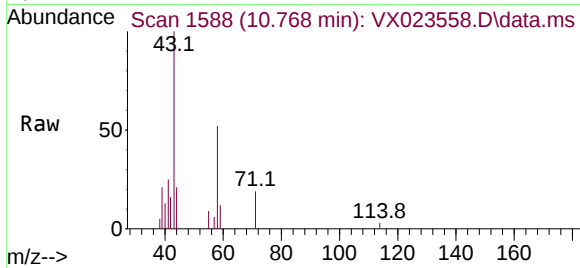
Tgt Ion:152 Resp: 100229
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 158.3 0.0 349.0



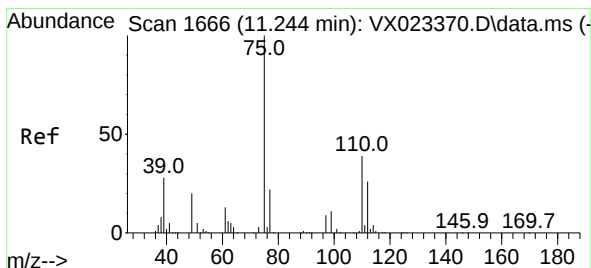
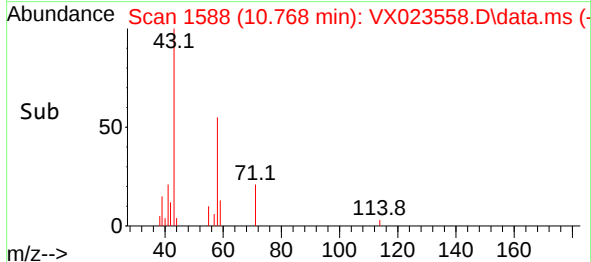
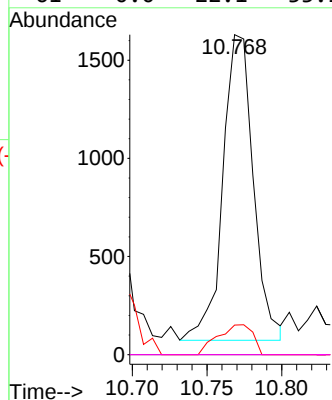


#74
N-amy1 acetate
Concen: 0.641 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Instrument :
MSVOA_X
ClientSampleId :
PRE-MAEC-02

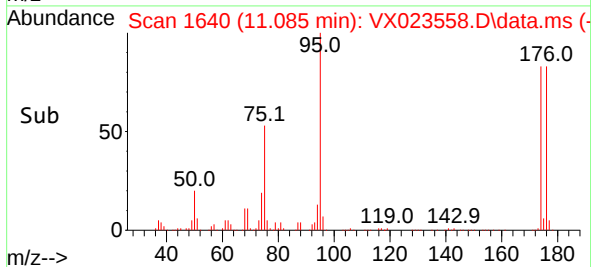
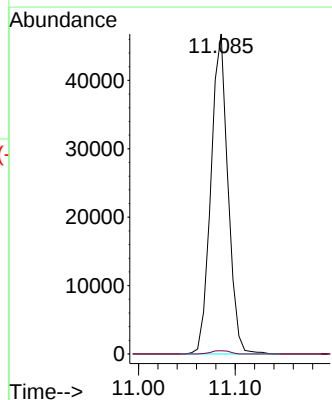
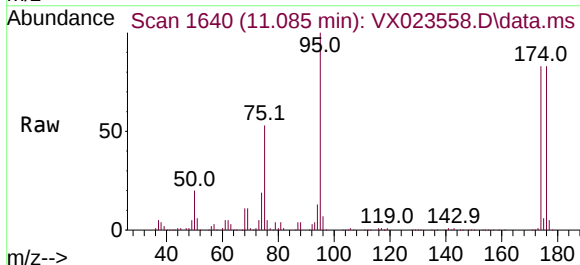


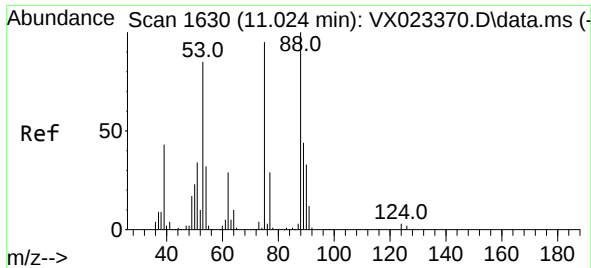
Tgt Ion: 43	Resp: 2210
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	11.2 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.982 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023558.D
Acq: 04 Aug 2021 22:19

Tgt Ion: 75	Resp: 57306
Ion Ratio	Lower Upper
75	100
77	1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.862 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023558.D
 Acq: 04 Aug 2021 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 PRE-MAEC-02

Tgt Ion: 75 Resp: 57306
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

