

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022401.D
 Acq On : 04 Jun 2021 05:20
 Operator : JC/MD
 Sample : PB36780ZHE#16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#16

Quant Time: Jun 04 07:09:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	60705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	126446	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51851	55.37	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	110.74%		
35) Dibromofluoromethane	5.397	113	38339	47.81	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.62%		
50) Toluene-d8	8.653	98	156591	50.70	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.40%		
62) 4-Bromofluorobenzene	11.085	95	53648	46.99	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.98%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	2326	10.86	ug/l #	79
13) Acrolein	2.233	56	99	0.70	ug/l #	39
16) Acetone	2.386	43	30933	75.86	ug/l	97
18) Methyl Acetate	2.721	43	1469	1.35	ug/l #	87
20) Methylene Chloride	2.800	84	6778	7.49	ug/l	95
25) 2-Butanone	4.568	43	4473	6.78	ug/l #	76
31) Cyclohexane	5.568	56	1578	1.34	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5630	4.82	ug/l #	48
38) Carbon Tetrachloride	5.556	117	6835	5.98	ug/l #	14
43) Isopropyl Acetate	6.354	43	11698	4.99	ug/l	95
48) Methyl methacrylate	7.598	41	3603	3.33	ug/l #	10
49) 1,4-Dioxane	7.805	88	25	1.19	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	42033	29.93	ug/l #	47
54) cis-1,3-Dichloropropene	8.555	75	19197	12.42	ug/l #	61
57) 1,3-Dichloropropane	9.488	76	10672	6.76	ug/l #	42
59) 2-Hexanone	9.378	43	4659	4.41	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	28821	28.16	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1060	0.36	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.085	75	28821	66.71	ug/l #	12

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

Quant Time: Jun 04 07:09:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

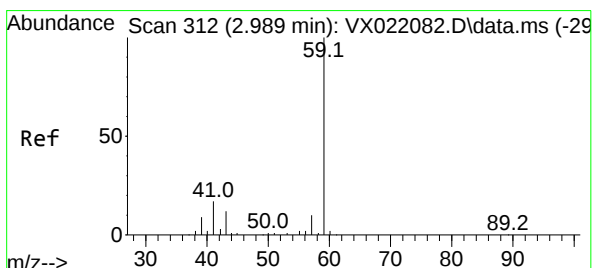
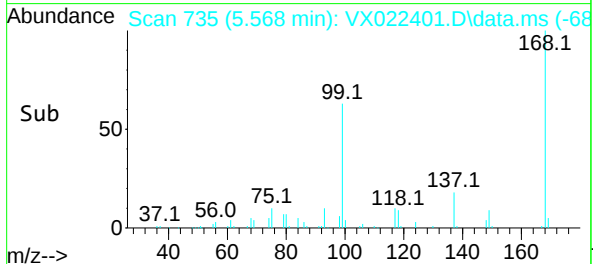
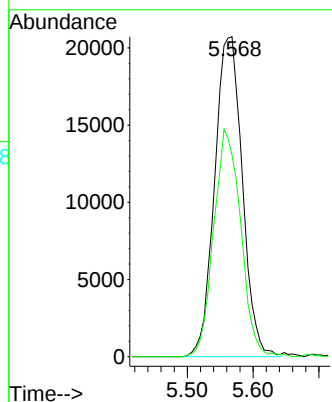
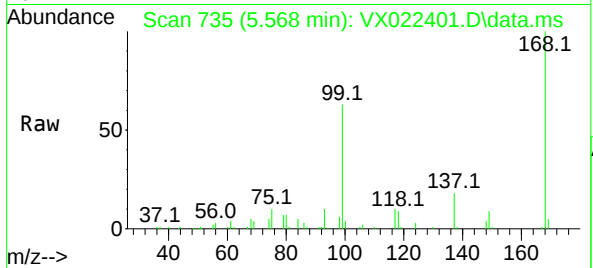




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

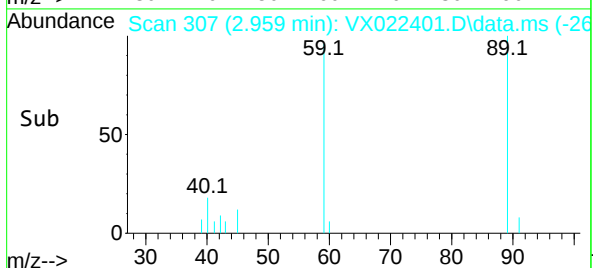
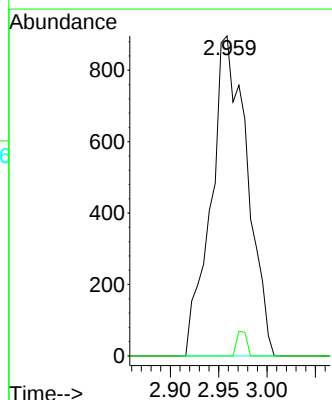
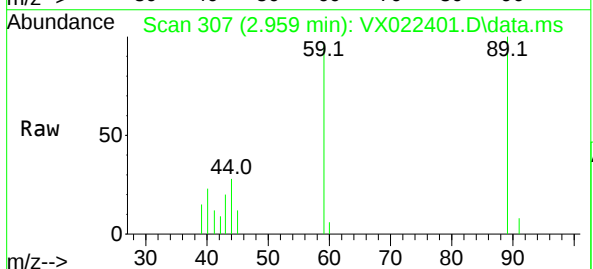
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

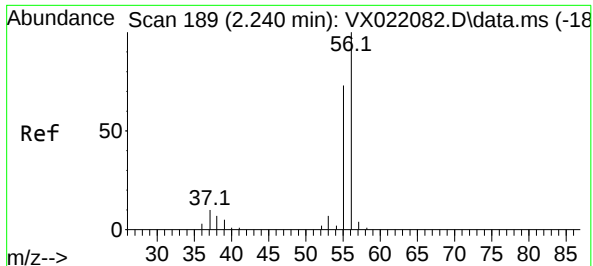
Tgt Ion:168 Resp: 60705
Ion Ratio Lower Upper
168 100
99 63.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 10.86 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Tgt Ion: 59 Resp: 2326
Ion Ratio Lower Upper
59 100
57 2.1 7.8 11.8#

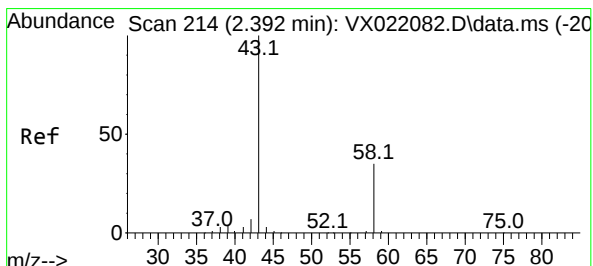
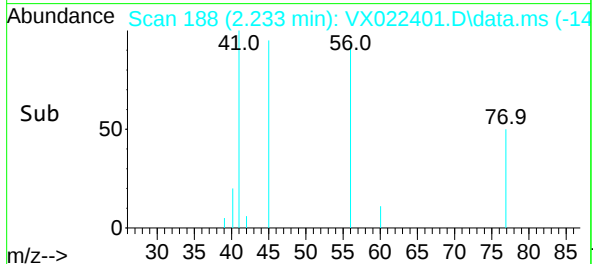
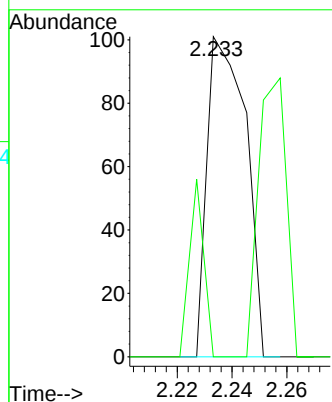
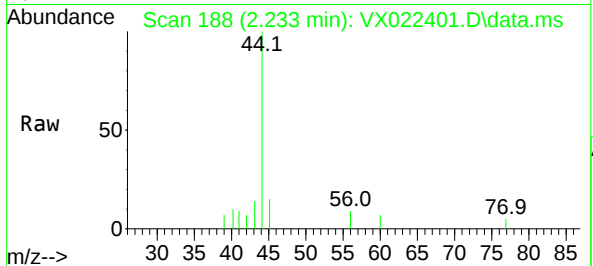




#13
Acrolein
Concen: 0.70 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

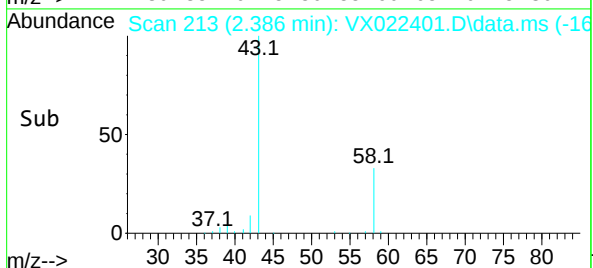
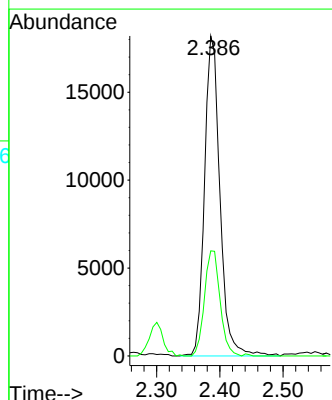
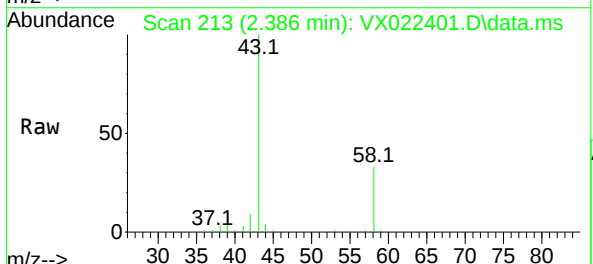
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

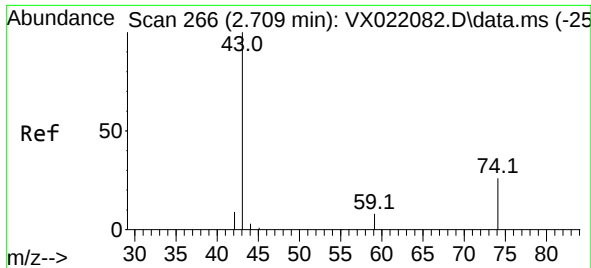
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 20.2 56.4 84.6#



#16
Acetone
Concen: 75.86 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Tgt Ion: 43 Resp: 30933
Ion Ratio Lower Upper
43 100
58 32.9 27.8 41.8

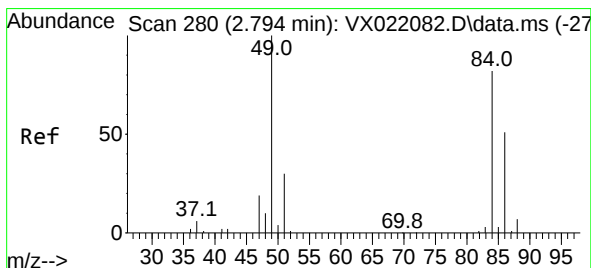
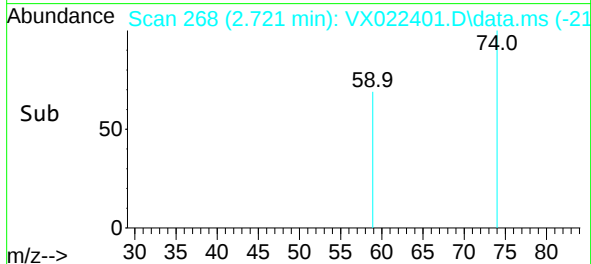
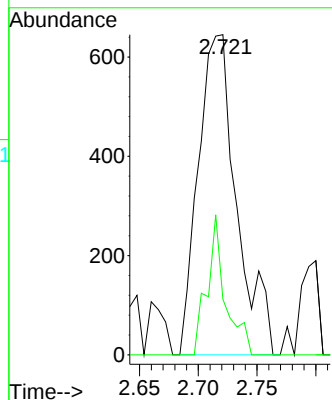
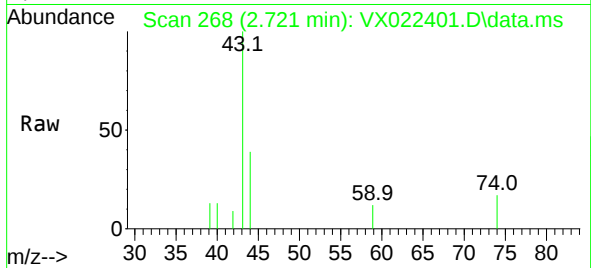




#18
Methyl Acetate
Concen: 1.35 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

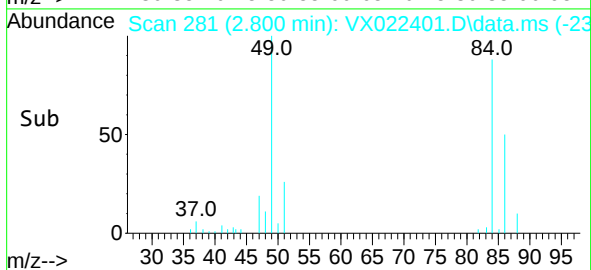
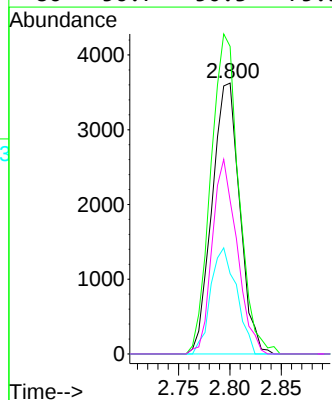
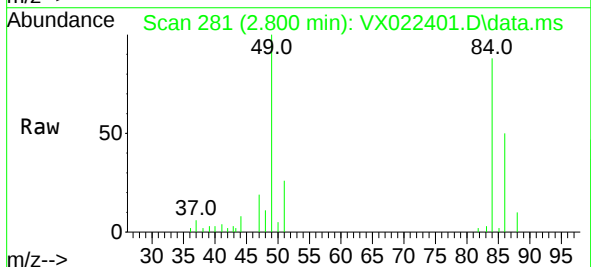
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

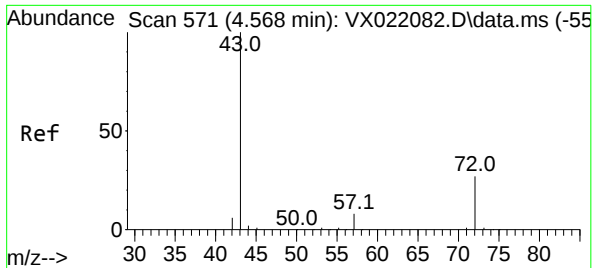
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
74 20.7 21.9 32.9#



#20
Methylene Chloride
Concen: 7.49 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Tgt Ion: 84 Resp: 6778
Ion Ratio Lower Upper
84 100
49 113.5 88.6 132.8
51 29.7 27.0 40.6
86 56.7 50.3 75.5

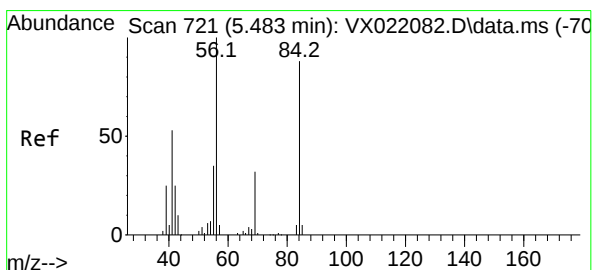
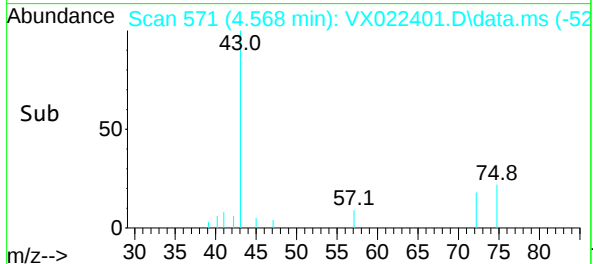
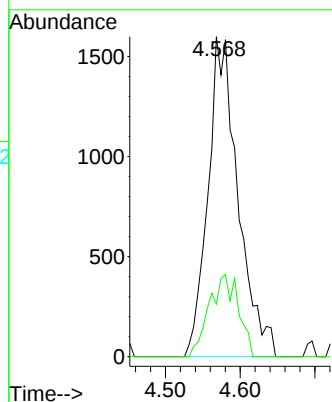
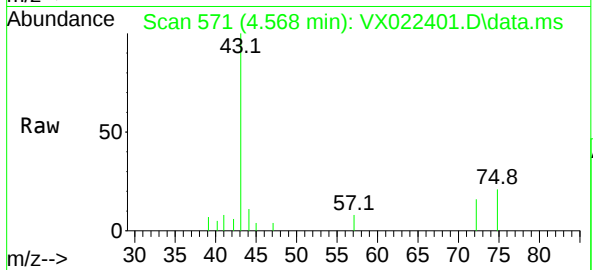




#25
2-Butanone
Concen: 6.78 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

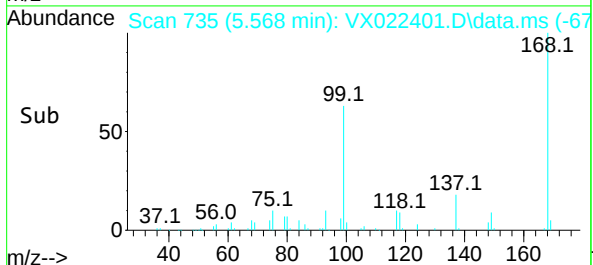
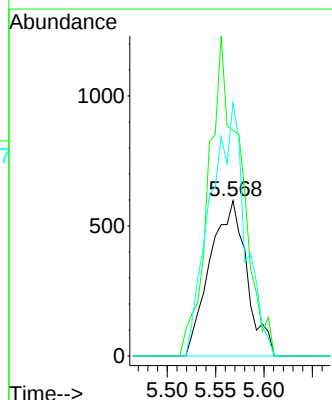
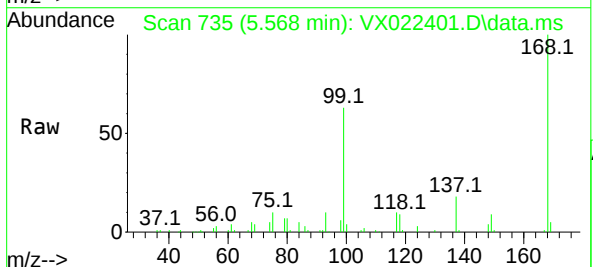
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

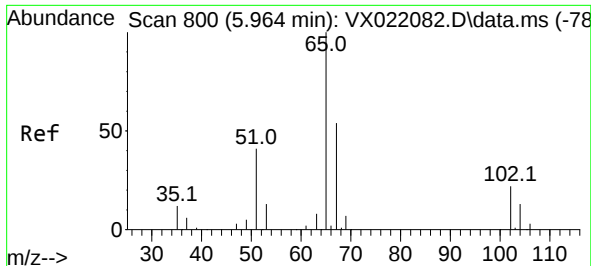
Tgt Ion: 43 Resp: 4473
Ion Ratio Lower Upper
43 100
72 16.4 23.7 35.5#



#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Tgt Ion: 56 Resp: 1578
Ion Ratio Lower Upper
56 100
69 145.2 25.3 37.9#
84 163.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 55.37 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022401.D

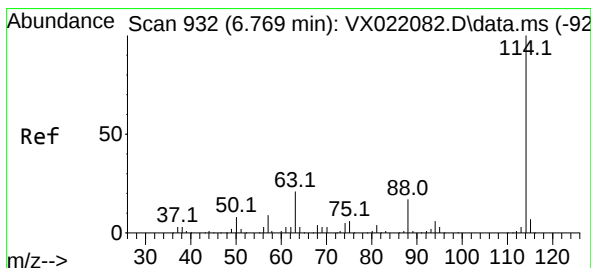
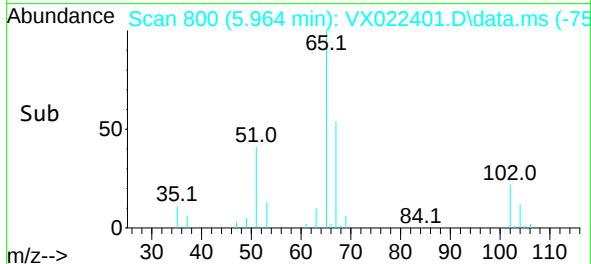
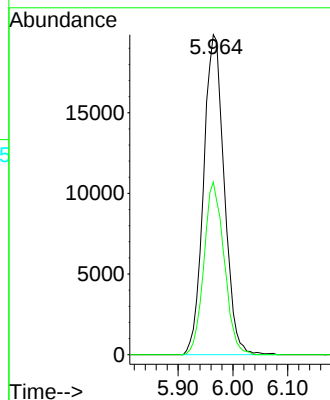
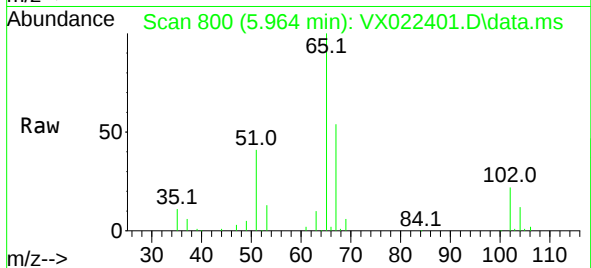
Acq: 04 Jun 2021 05:20

Tgt Ion: 65 Resp: 51851

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022401.D

Acq: 04 Jun 2021 05:20

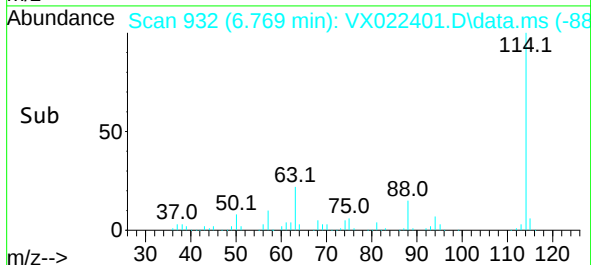
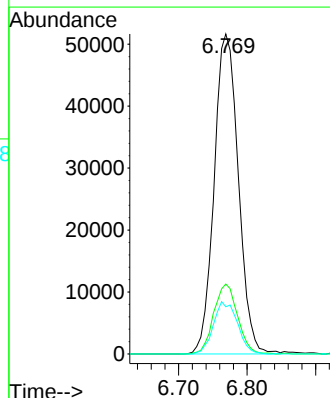
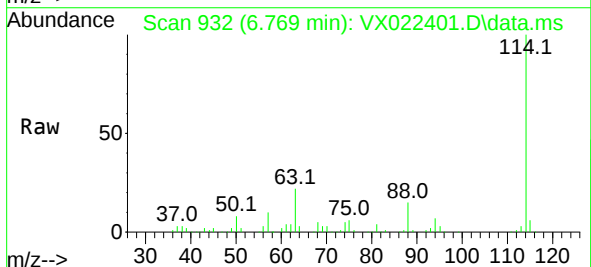
Tgt Ion: 114 Resp: 126446

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

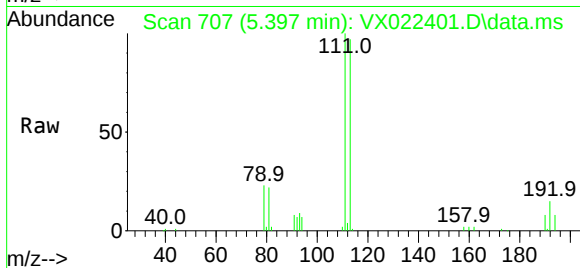
88 14.7 0.0 32.8



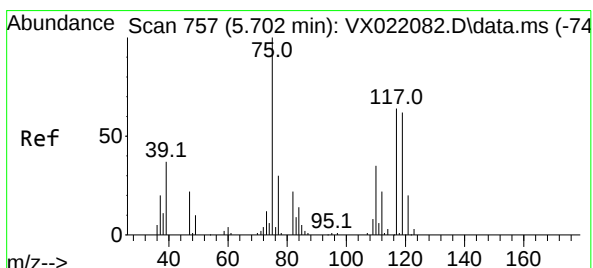
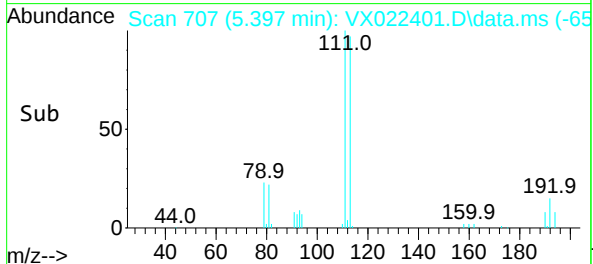
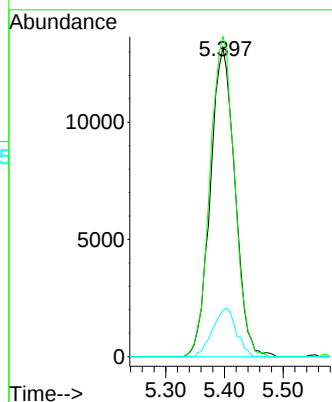


#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

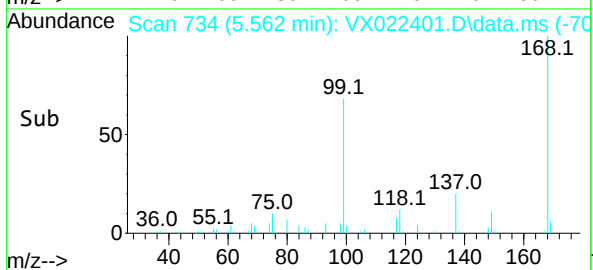
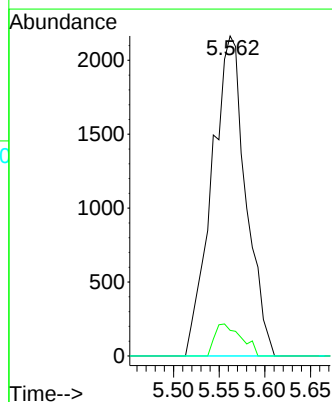
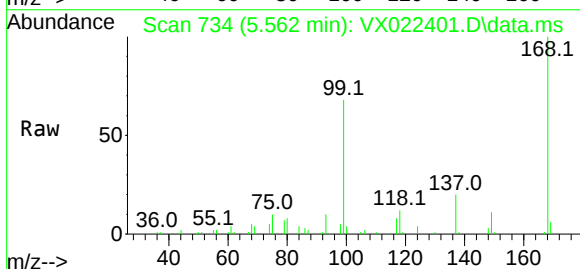


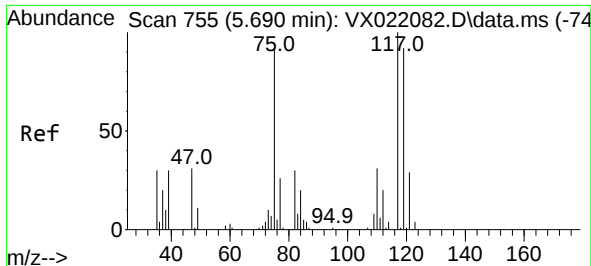
Tgt Ion:113 Resp: 38339
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 15.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

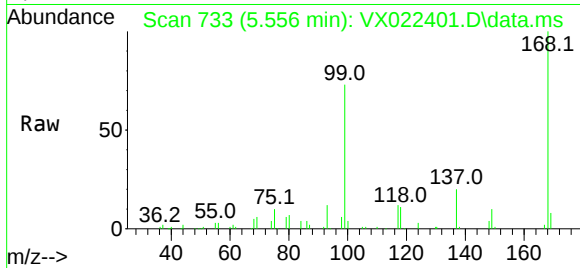
Tgt Ion: 75 Resp: 5630
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



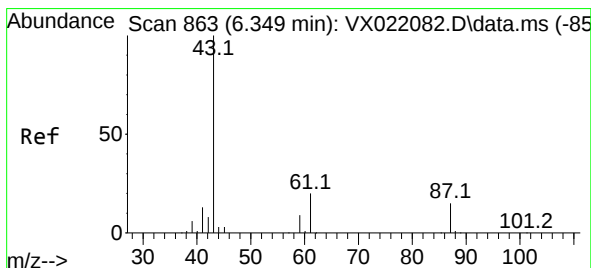
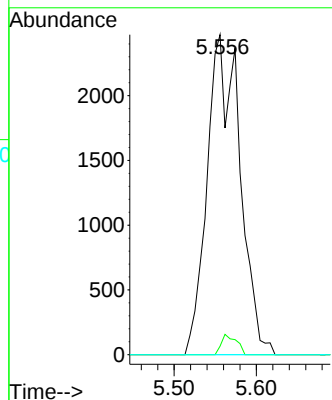
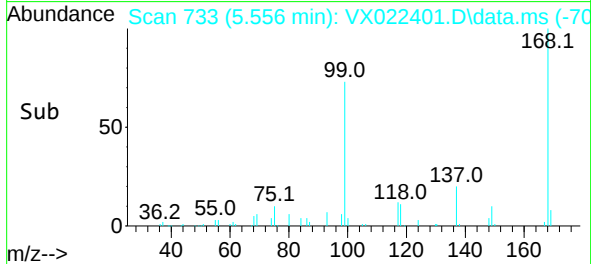


#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

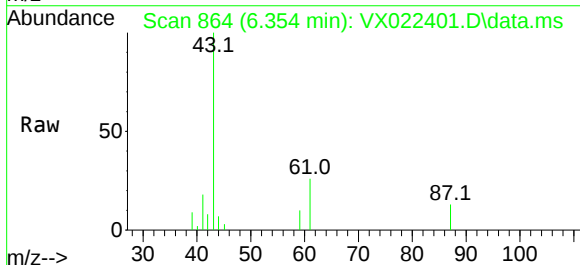
Instrument :
MSVOA_X
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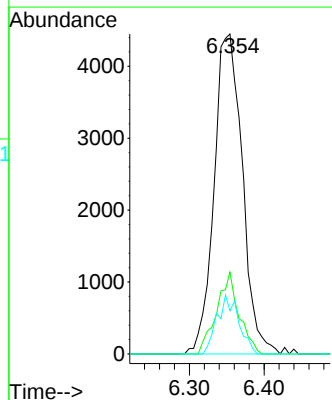
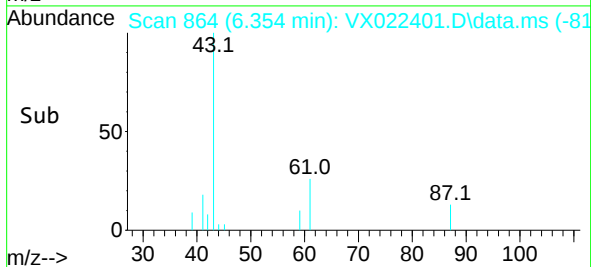
Tgt Ion:117 Resp: 6835
Ion Ratio Lower Upper
117 100
119 2.7 76.2 114.2#
121 0.0 24.8 37.2#

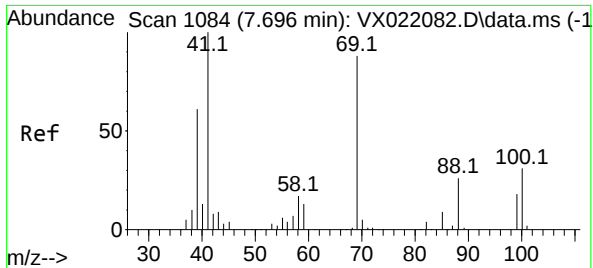


#43
Isopropyl Acetate
Concen: 4.99 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20



Tgt Ion: 43 Resp: 11698
Ion Ratio Lower Upper
43 100
61 20.2 18.2 27.4
87 14.2 12.5 18.7

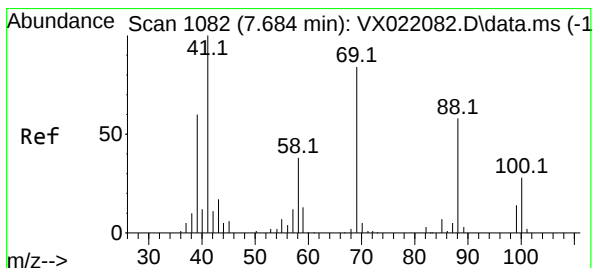
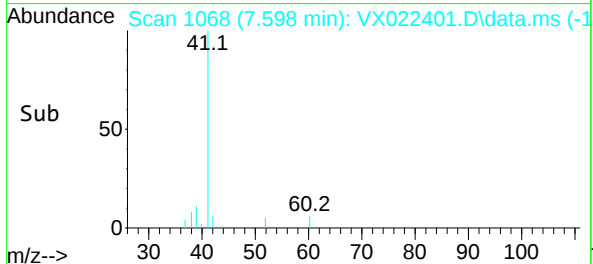
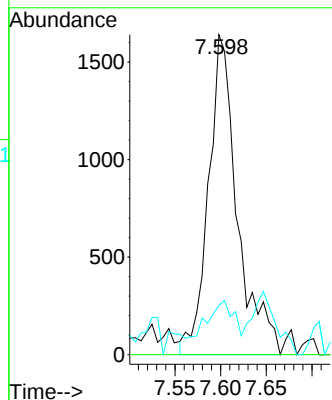
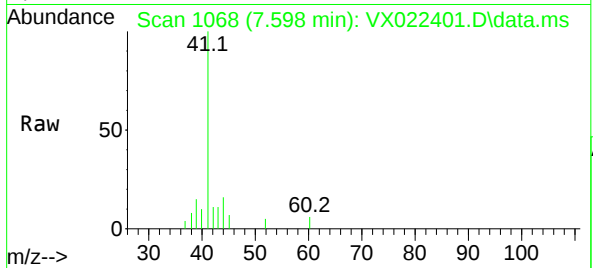




#48
Methyl methacrylate
Concen: 3.33 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

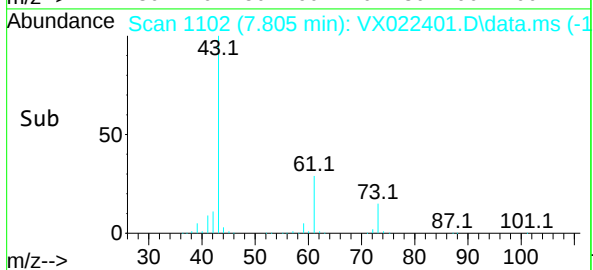
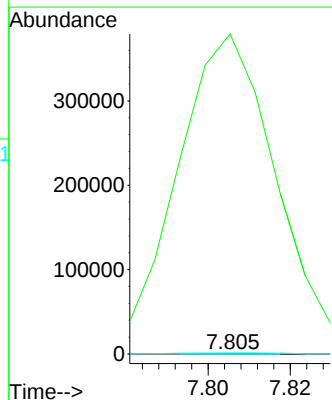
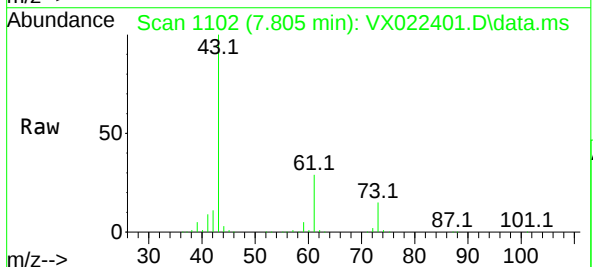
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

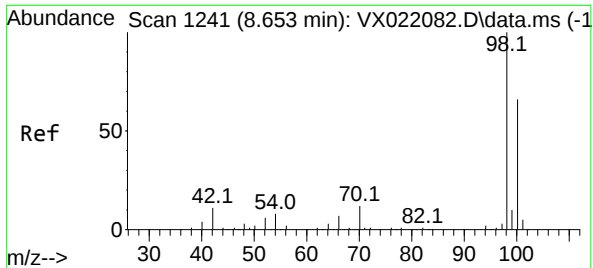
Tgt Ion: 41 Resp: 3603
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 1.19 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.121 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 2610372.0 23.2 34.8#
58 9936.0 55.0 82.4#

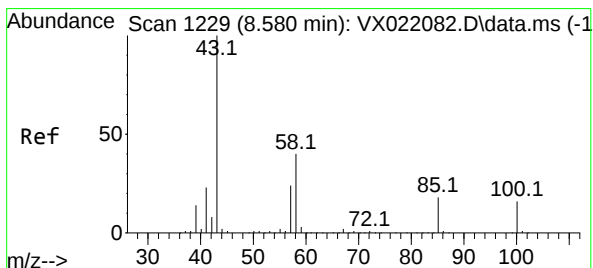
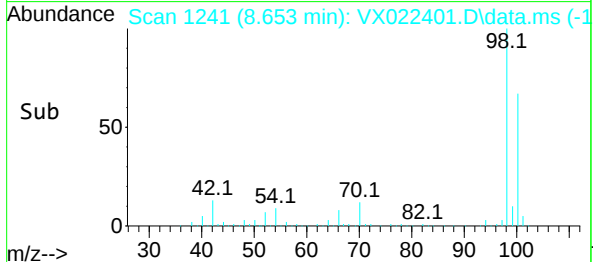
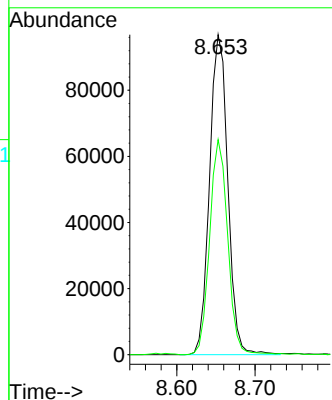
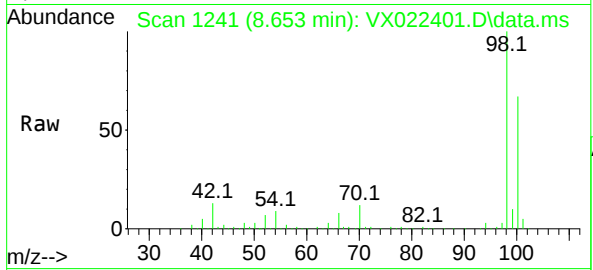




#50
Toluene-d8
Concen: 50.70 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

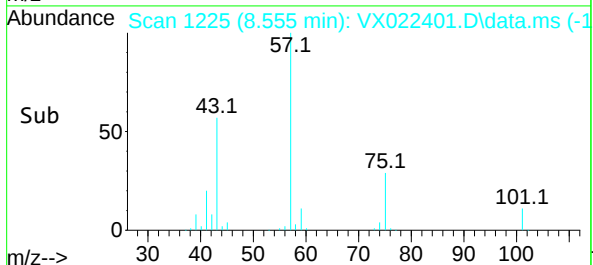
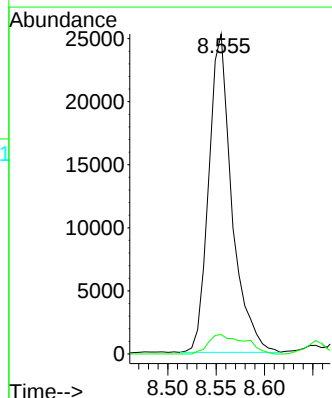
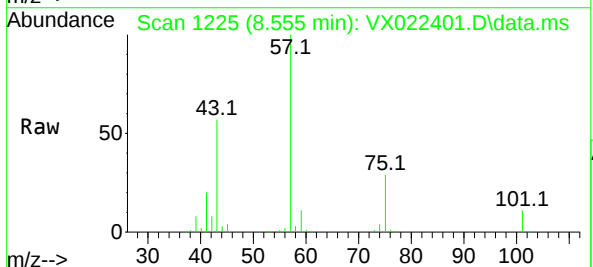
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

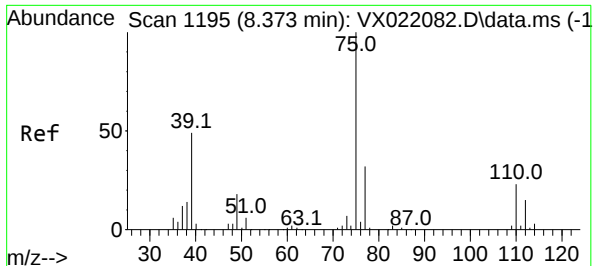
Tgt Ion: 98 Resp: 156591
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 29.93 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Tgt Ion: 43 Resp: 42033
Ion Ratio Lower Upper
43 100
58 9.7 35.4 53.0#

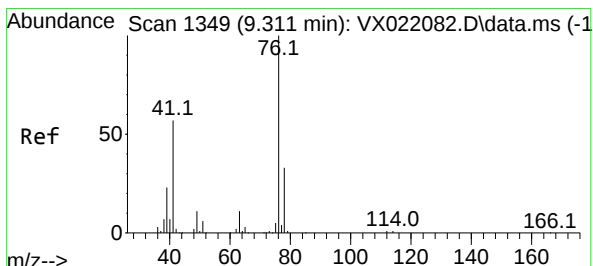
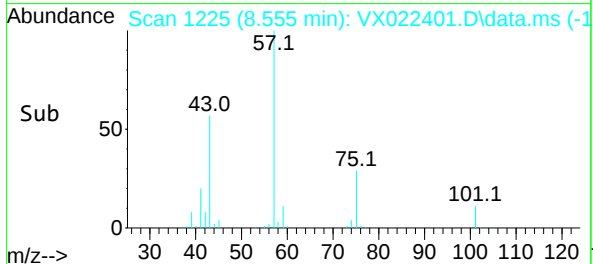
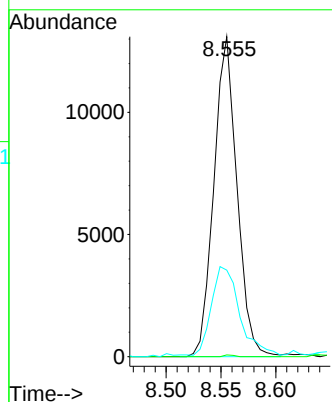
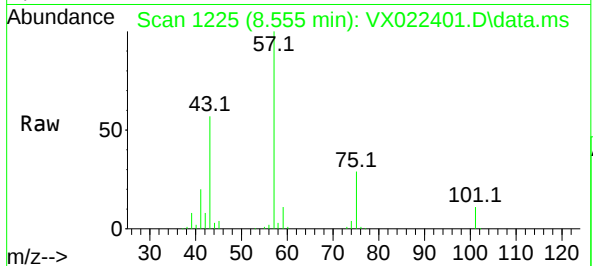




#54
 cis-1,3-Dichloropropene
 Concen: 12.42 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022401.D
 Acq: 04 Jun 2021 05:20

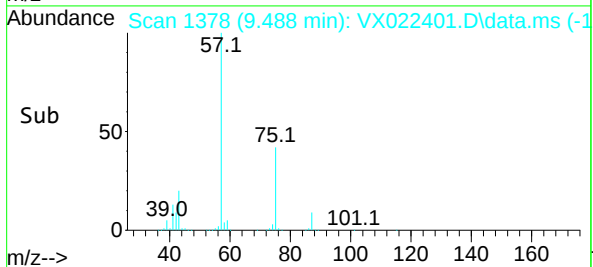
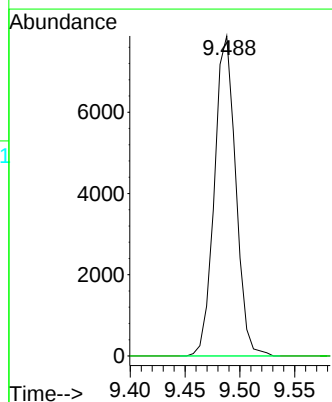
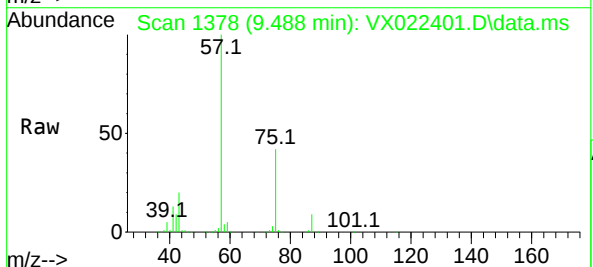
Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#16

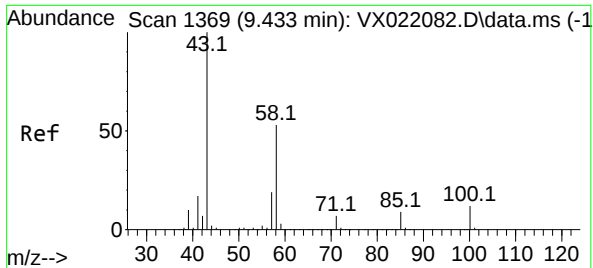
Tgt Ion: 75 Resp: 19197
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 26.5 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 6.76 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022401.D
 Acq: 04 Jun 2021 05:20

Tgt Ion: 76 Resp: 10672
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

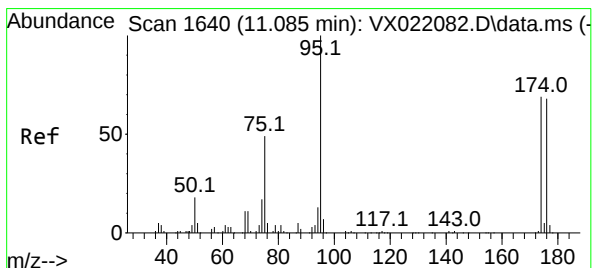
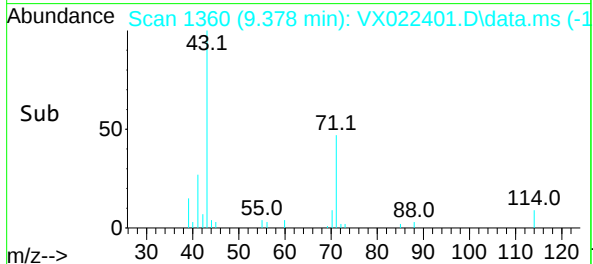
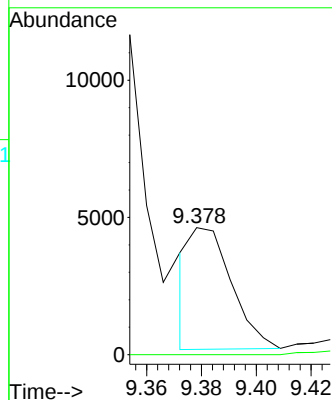
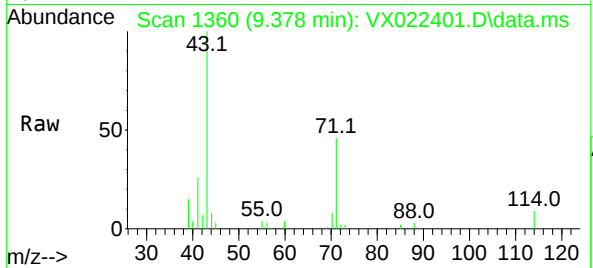




#59
2-Hexanone
Concen: 4.41 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

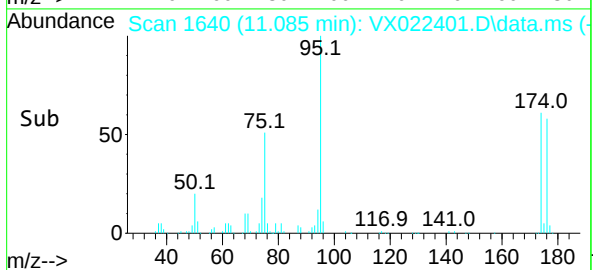
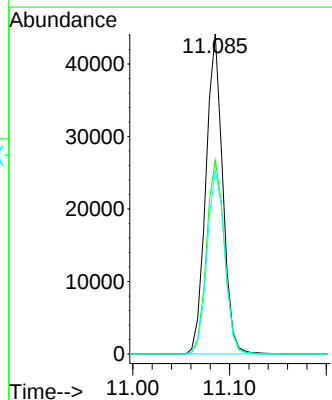
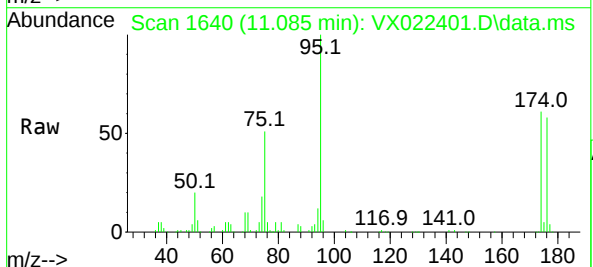
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

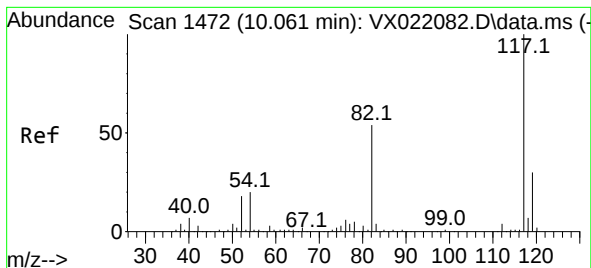
Tgt Ion: 43 Resp: 4659
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.99 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Tgt Ion: 95 Resp: 53648
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 59.7 0.0 155.8

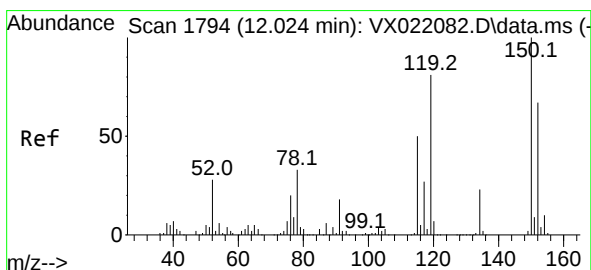
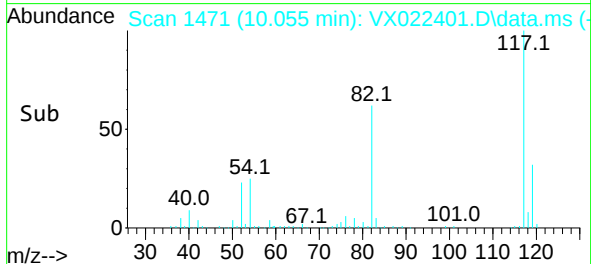
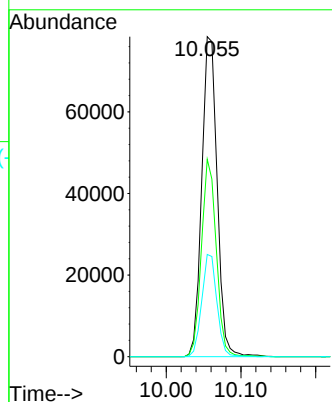
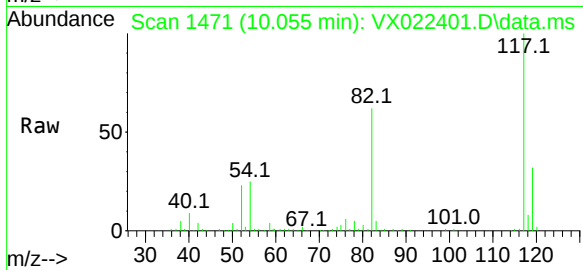




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

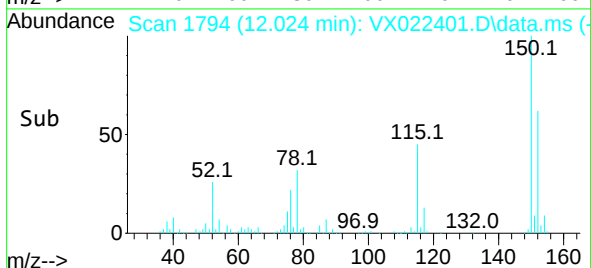
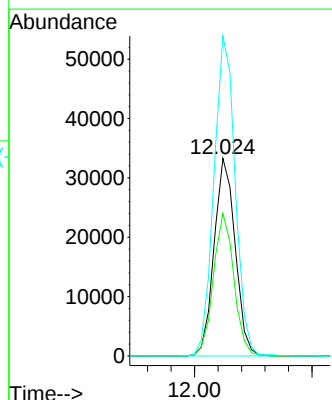
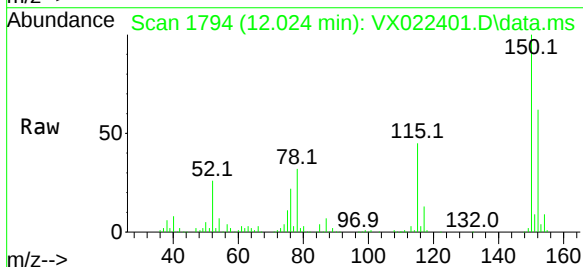
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

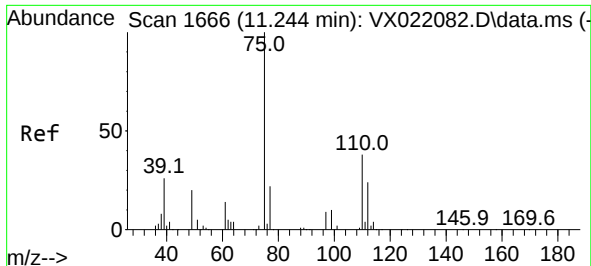
Tgt Ion:117 Resp: 112261
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

Tgt Ion:152 Resp: 41493
Ion Ratio Lower Upper
152 100
115 70.2 41.1 123.3
150 163.2 0.0 349.0

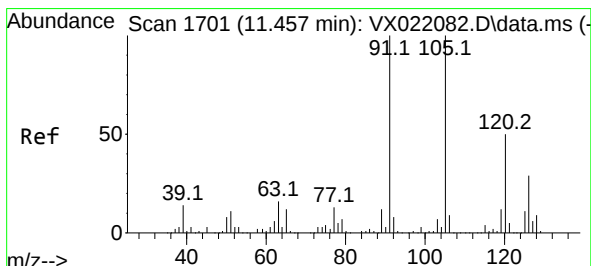
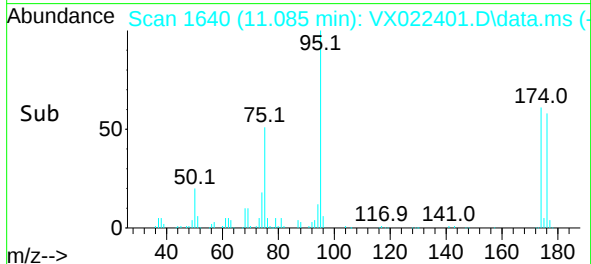
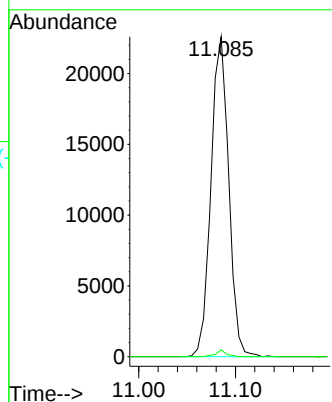
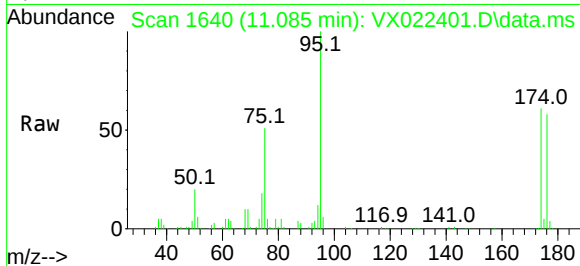




#76
1,2,3-Trichloropropane
Concen: 28.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

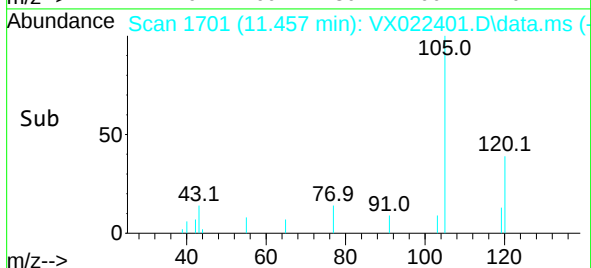
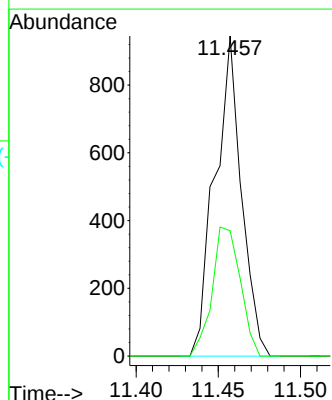
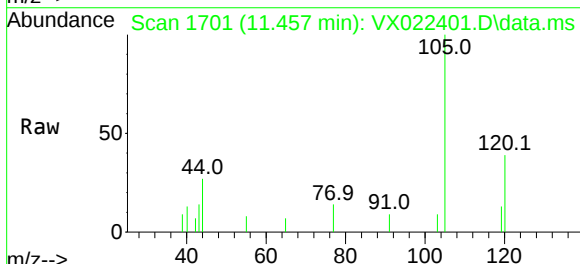
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#16

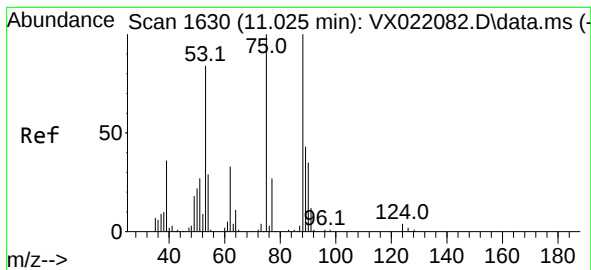
Tgt Ion: 75 Resp: 28821
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.36 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022401.D
Acq: 04 Jun 2021 05:20

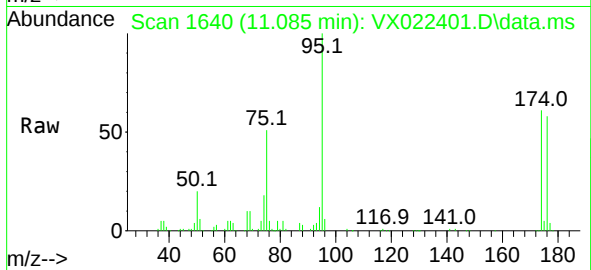
Tgt Ion: 105 Resp: 1060
Ion Ratio Lower Upper
105 100
120 42.7 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.71 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022401.D
 Acq: 04 Jun 2021 05:20

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#16



Tgt Ion: 75 Resp: 28821
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.2 37.9 56.9#

