

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022400.D
 Acq On : 04 Jun 2021 04:56
 Operator : JC/MD
 Sample : PB36780ZHE#15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#15

Quant Time: Jun 04 05:42:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

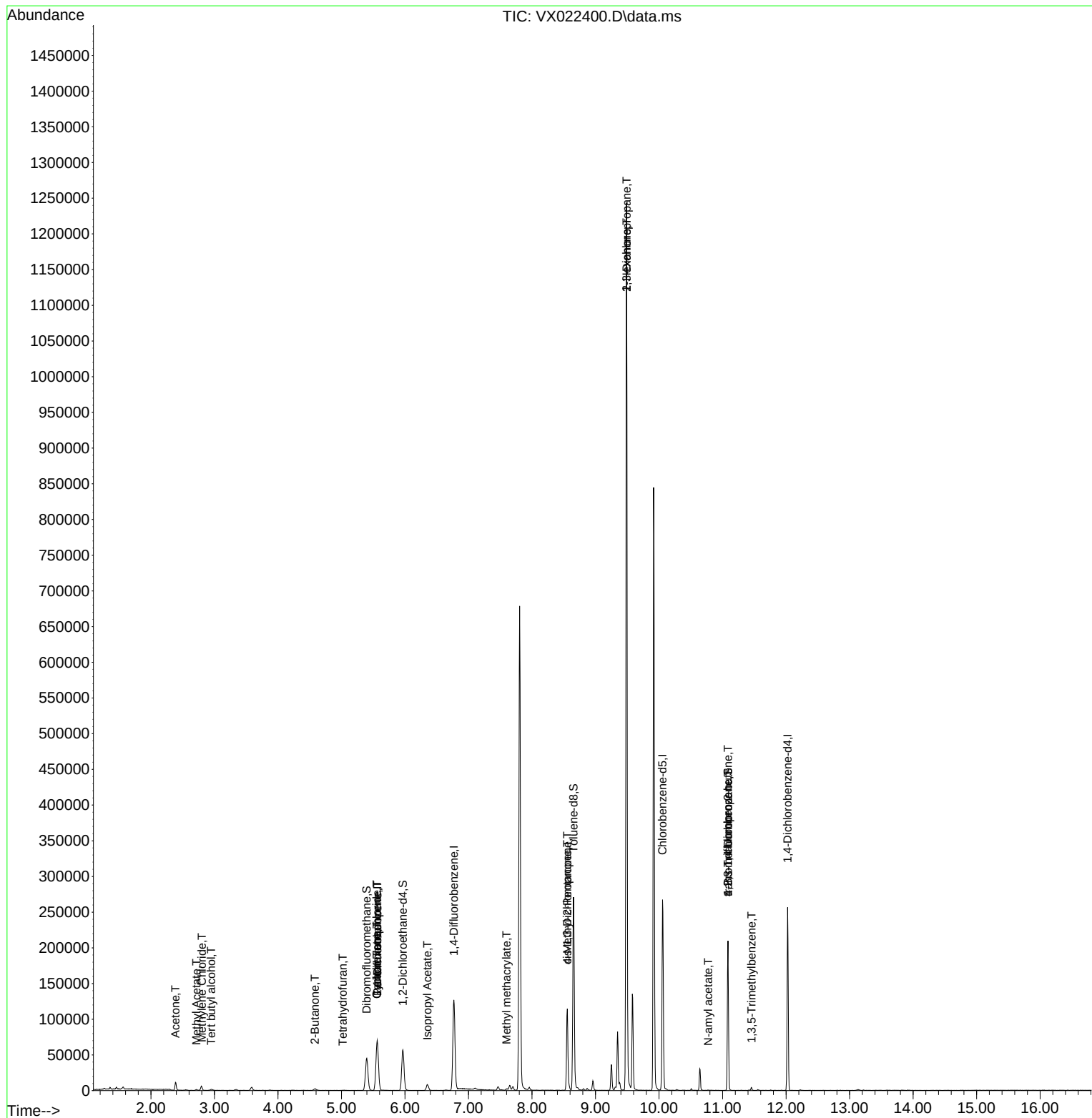
Internal Standards						
1) Pentafluorobenzene	5.562	168	59965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52460	56.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.42%			
35) Dibromofluoromethane	5.397	113	38380	48.06	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.12%			
50) Toluene-d8	8.652	98	158847	51.64	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.28%			
62) 4-Bromofluorobenzene	11.085	95	55610	48.91	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.82%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	1170	5.53	ug/l #	73
16) Acetone	2.385	43	11375	28.24	ug/l	96
18) Methyl Acetate	2.715	43	1536	1.43	ug/l #	86
20) Methylene Chloride	2.800	84	2419	2.70	ug/l #	87
25) 2-Butanone	4.580	43	2913	4.47	ug/l #	80
29) Tetrahydrofuran	5.019	42	163	0.42	ug/l #	27
31) Cyclohexane	5.555	56	1666	1.43	ug/l #	51
36) 1,1-Dichloropropene	5.562	75	5947	5.11	ug/l #	48
38) Carbon Tetrachloride	5.555	117	7057	6.20	ug/l #	15
43) Isopropyl Acetate	6.354	43	11317	4.85	ug/l #	94
48) Methyl methacrylate	7.598	41	2933	2.73	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	41044	29.35	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	18659	12.12	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	10559	6.71	ug/l #	42
59) 2-Hexanone	9.488	43	146224	139.02	ug/l #	43
74) N-amyl acetate	10.774	43	736	0.39	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	28842	25.03	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1990	0.61	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	28842	59.29	ug/l #	12

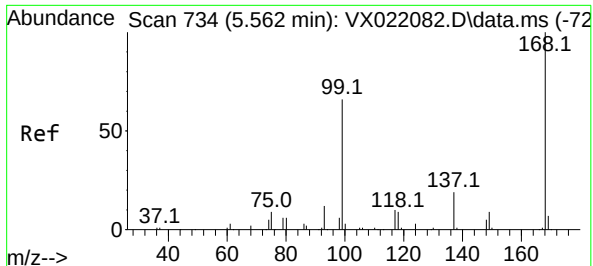
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Jun 04 05:42:39 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

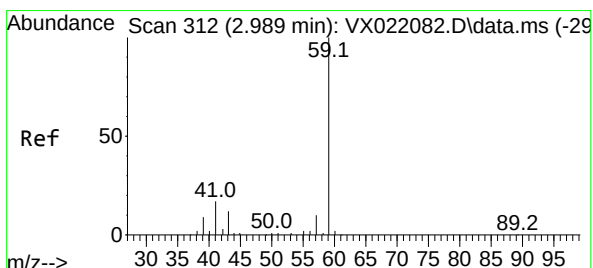
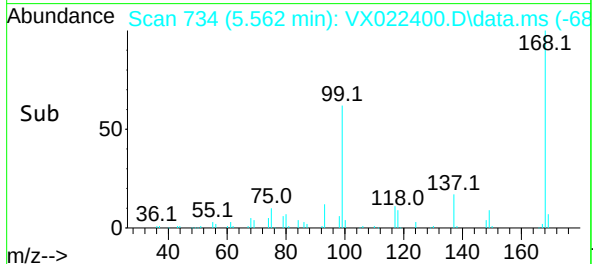
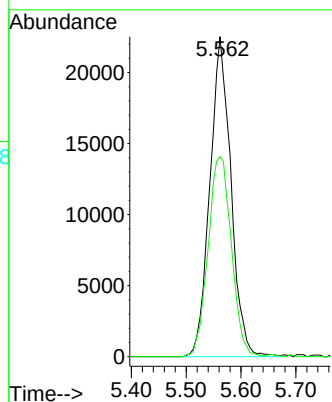
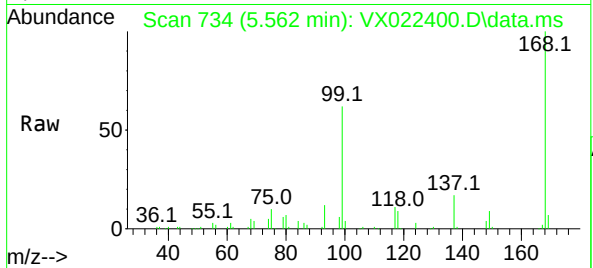




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

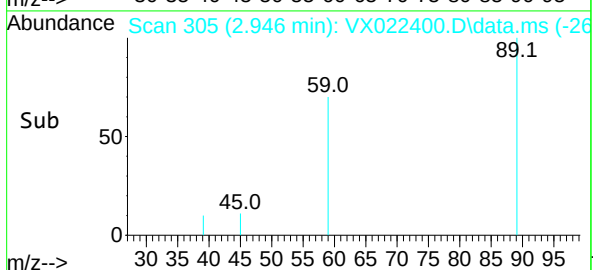
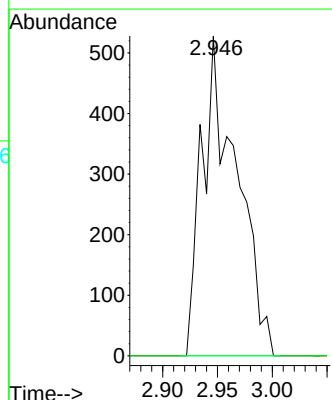
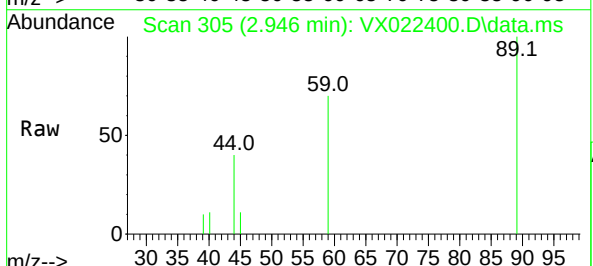
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

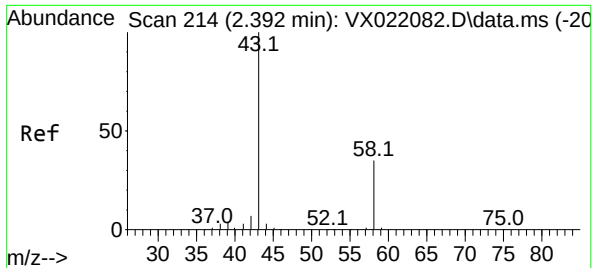
Tgt Ion:168 Resp: 59965
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 5.53 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Tgt Ion: 59 Resp: 1170
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

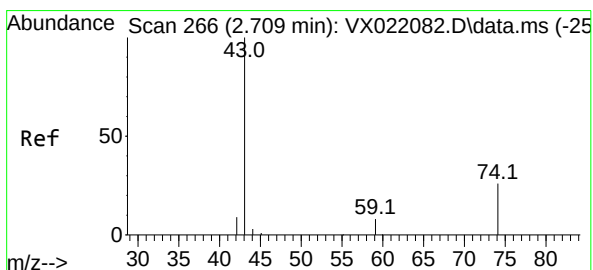
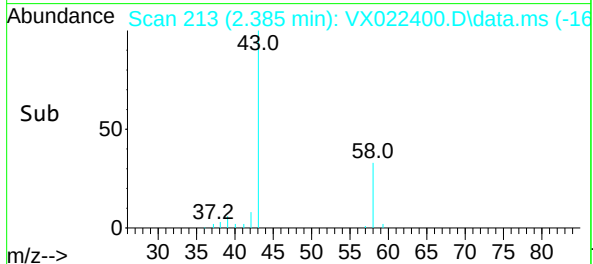
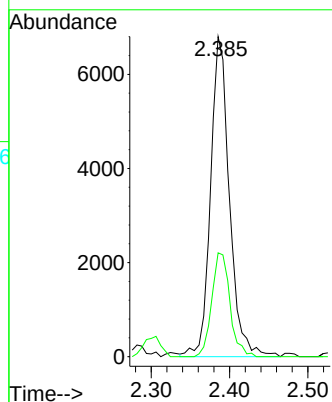
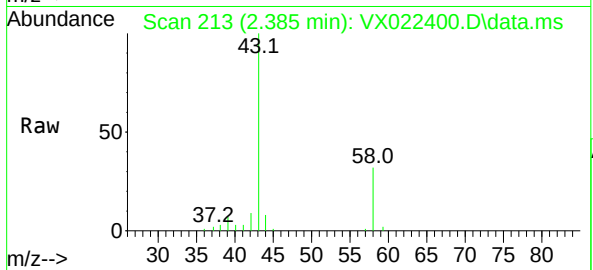




#16
Acetone
Concen: 28.24 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

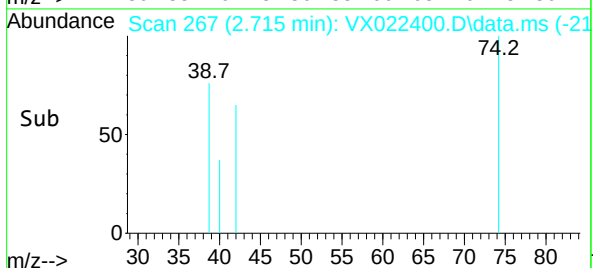
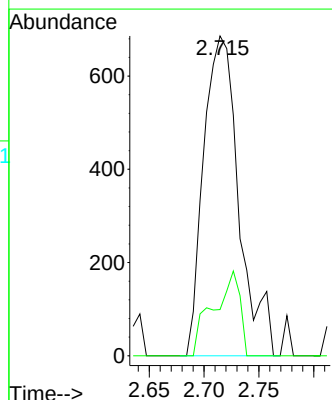
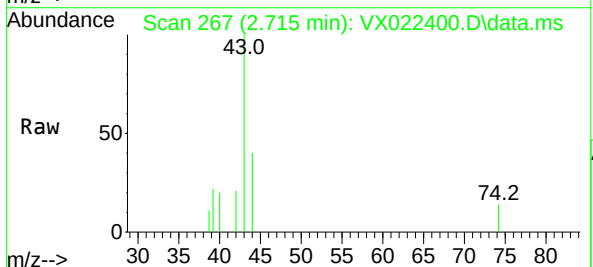
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

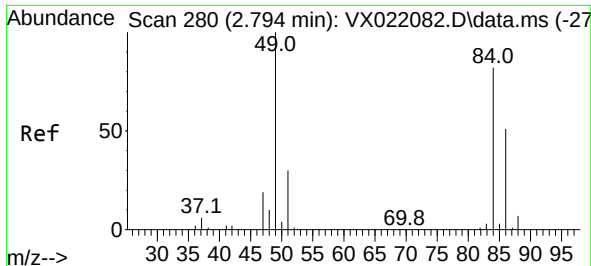
Tgt Ion: 43 Resp: 11375
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8



#18
Methyl Acetate
Concen: 1.43 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
74 20.0 21.9 32.9#

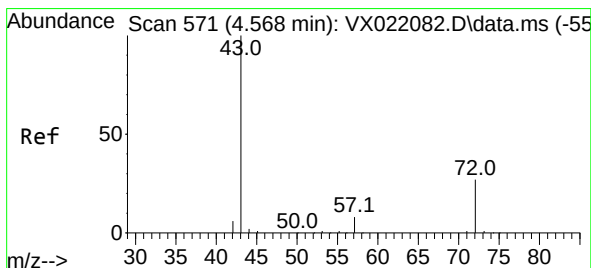
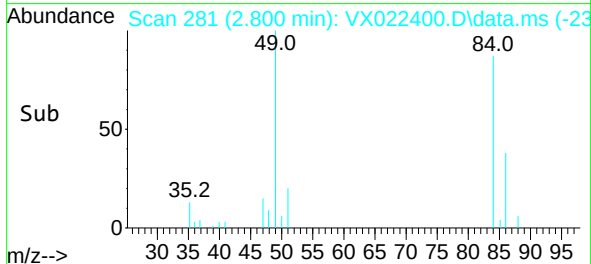
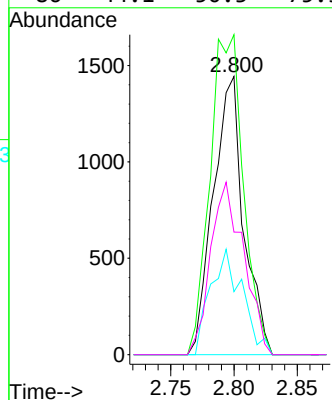
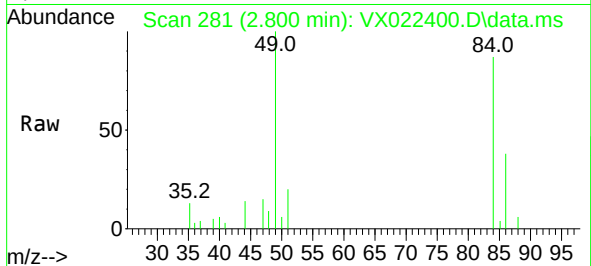




#20
Methylene Chloride
Concen: 2.70 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

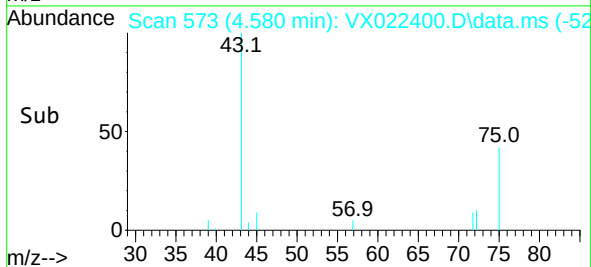
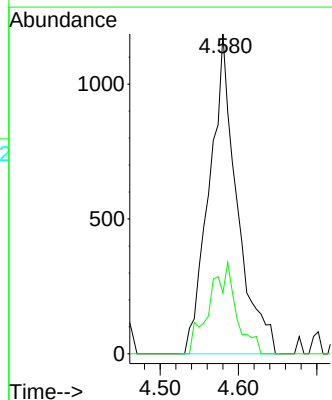
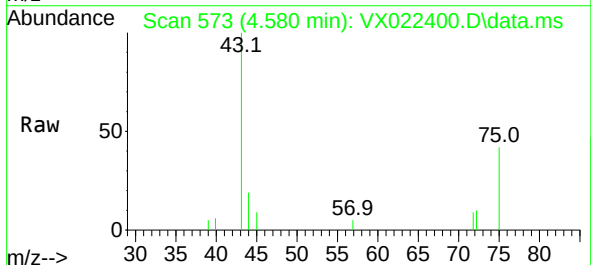
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

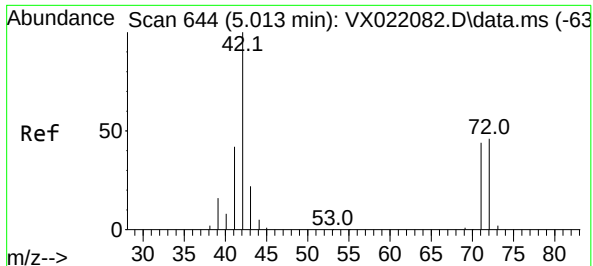
Tgt Ion: 84 Resp: 2419
Ion Ratio Lower Upper
84 100
49 115.0 88.6 132.8
51 22.7 27.0 40.6#
86 44.1 50.3 75.5#



#25
2-Butanone
Concen: 4.47 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Tgt Ion: 43 Resp: 2913
Ion Ratio Lower Upper
43 100
72 19.1 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.42 ug/l

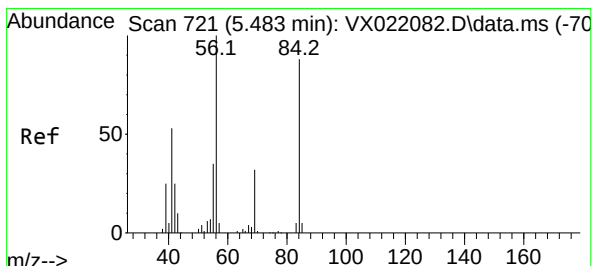
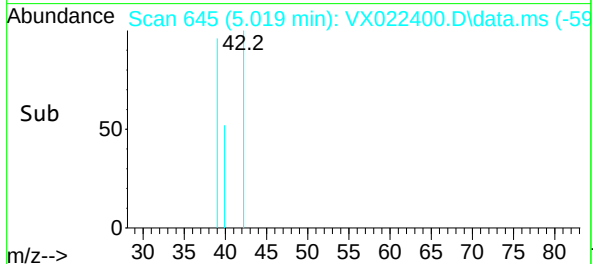
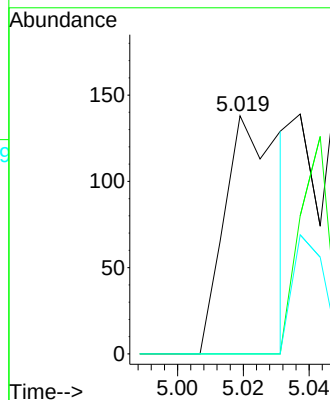
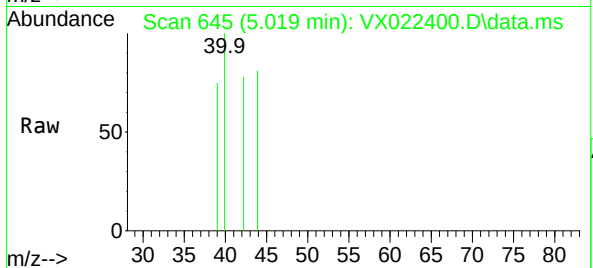
RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX022400.D

Acq: 04 Jun 2021 04:56

Tgt Ion:	42	Resp:	163
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.43 ug/l

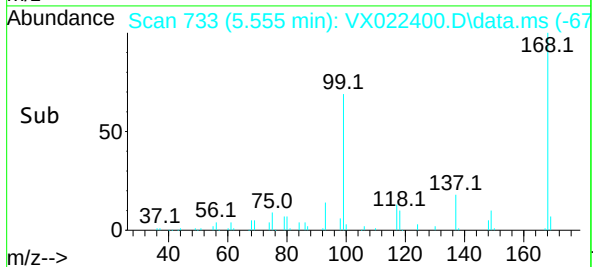
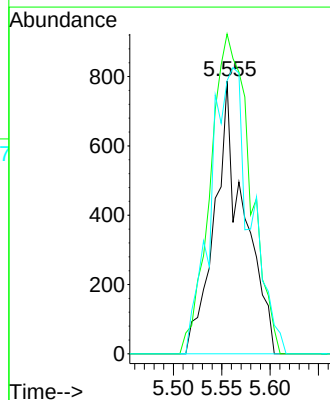
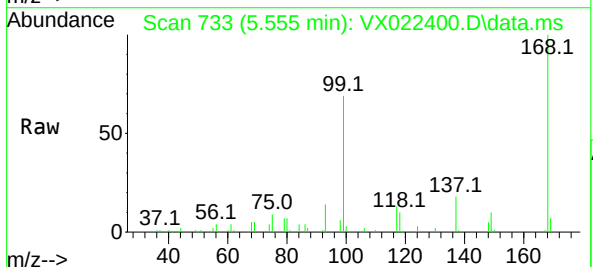
RT: 5.555 min Scan# 733

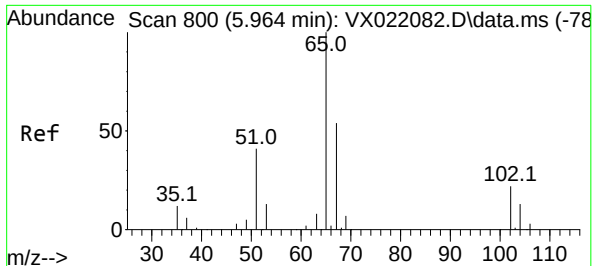
Delta R.T. 0.072 min

Lab File: VX022400.D

Acq: 04 Jun 2021 04:56

Tgt Ion:	56	Resp:	1666
Ion	Ratio	Lower	Upper
56	100		
69	117.3	25.3	37.9#
84	100.1	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 56.71 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX022400.D

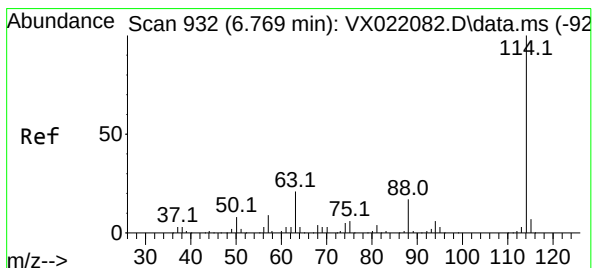
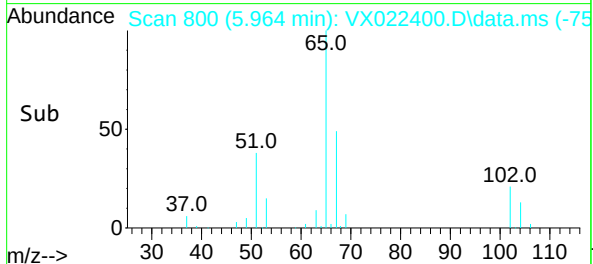
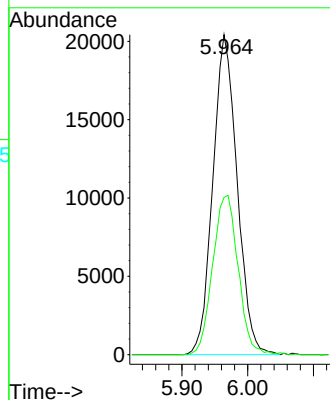
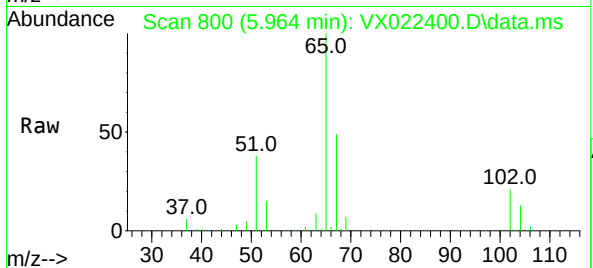
Acq: 04 Jun 2021 04:56

Tgt Ion: 65 Resp: 52460

Ion Ratio Lower Upper

65 100

67 52.1 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: VX022400.D

Acq: 04 Jun 2021 04:56

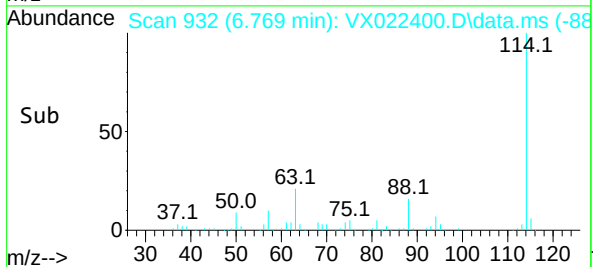
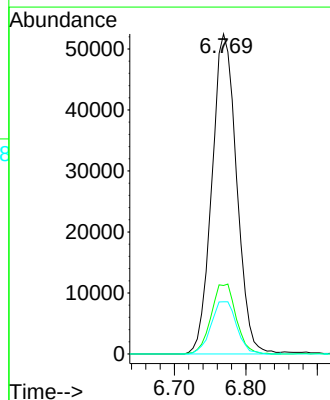
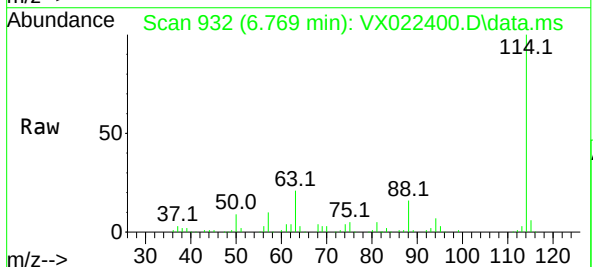
Tgt Ion: 114 Resp: 125918

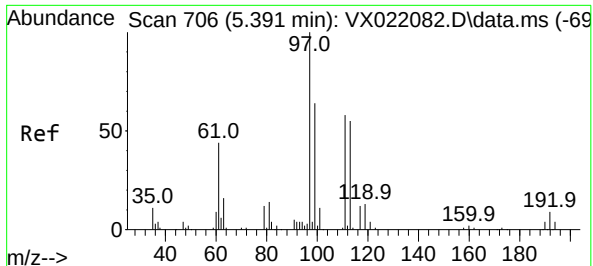
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

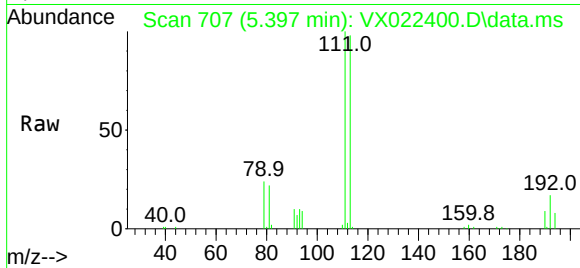
88 16.3 0.0 32.8



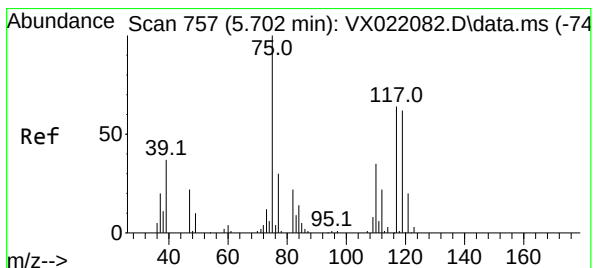
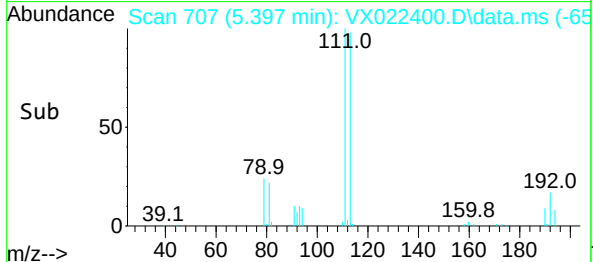
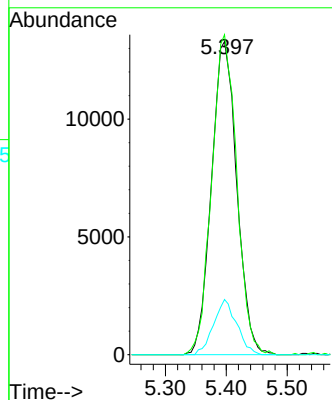


#35
Dibromofluoromethane
Concen: 48.06 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Instrument :
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ClientSampleId :
PB36780ZHE#15

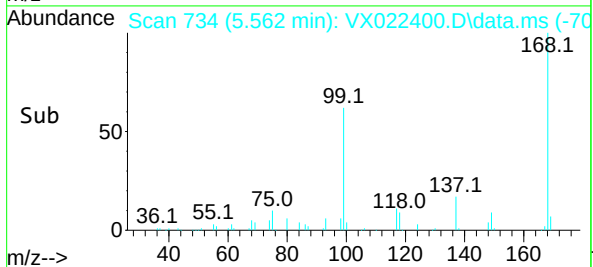
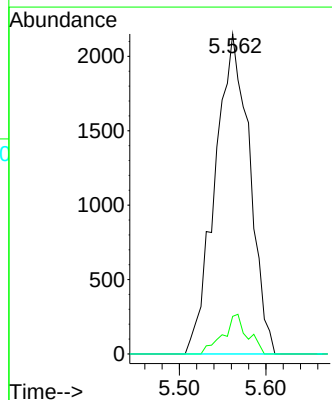
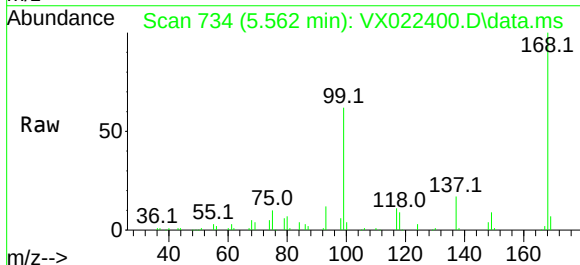


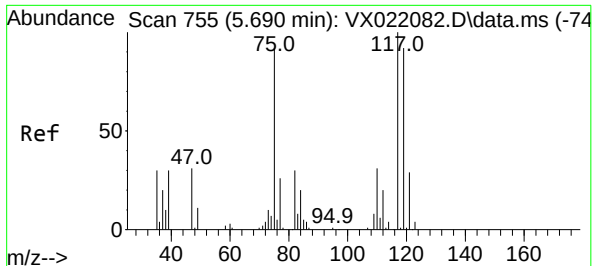
Tgt Ion:113 Resp: 38380
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 16.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

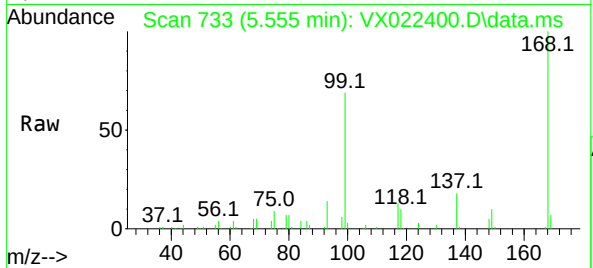
Tgt Ion: 75 Resp: 5947
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



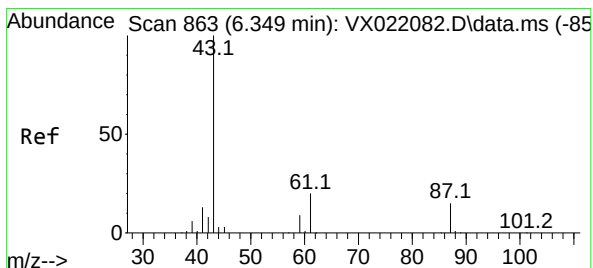
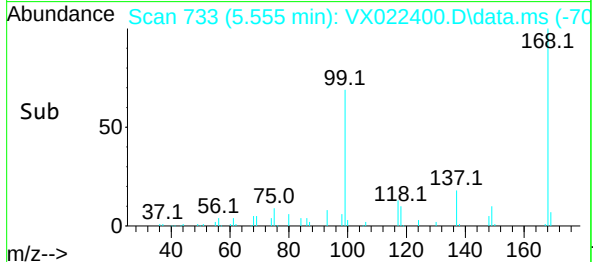
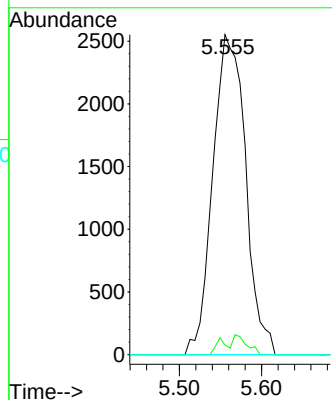


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

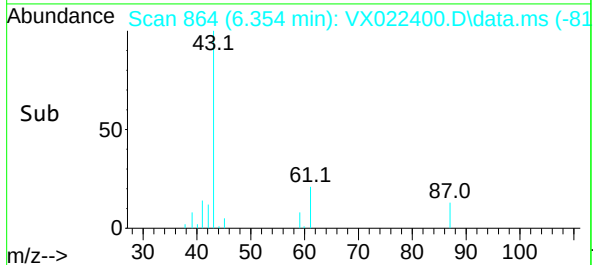
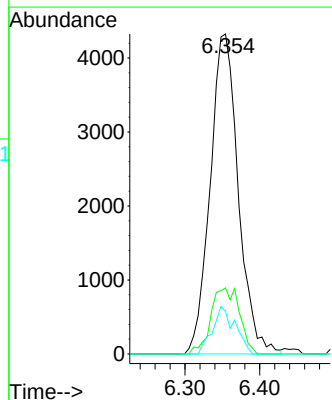
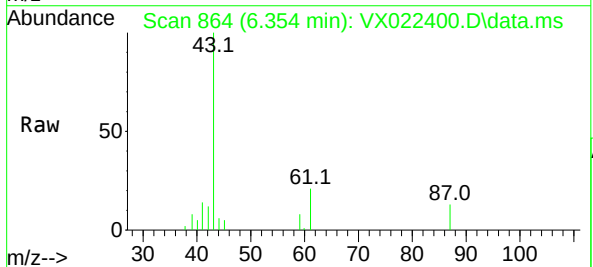


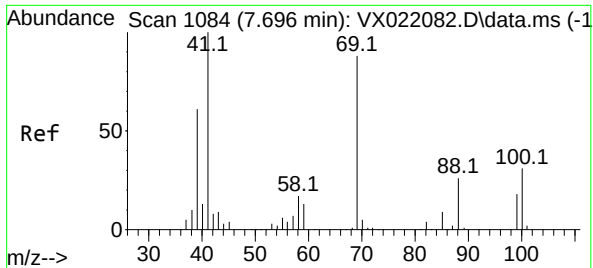
Tgt Ion:117 Resp: 7057
Ion Ratio Lower Upper
117 100
119 3.0 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.85 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Tgt Ion: 43 Resp: 11317
Ion Ratio Lower Upper
43 100
61 21.1 18.2 27.4
87 11.9 12.5 18.7#

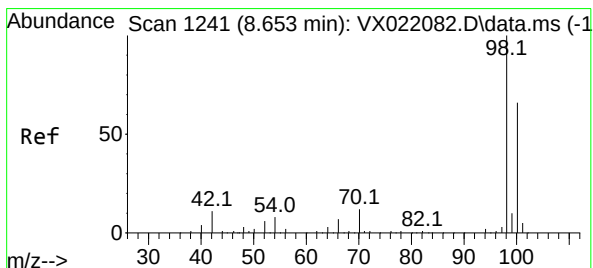
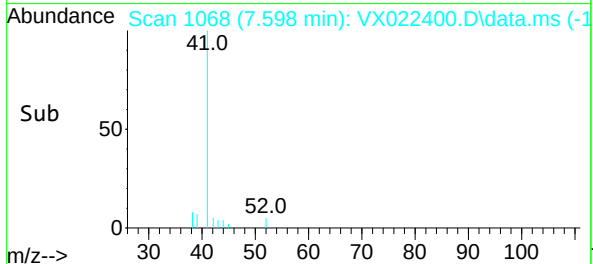
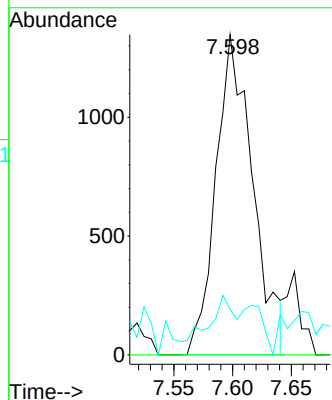
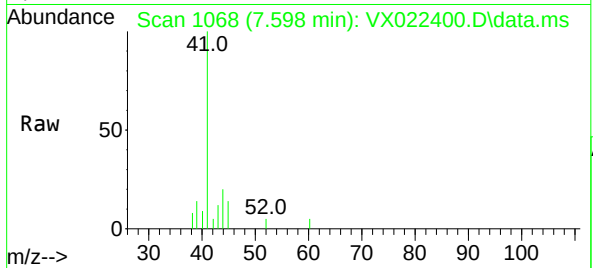




#48
Methyl methacrylate
Concen: 2.73 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

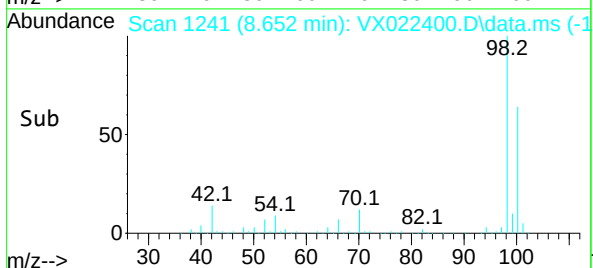
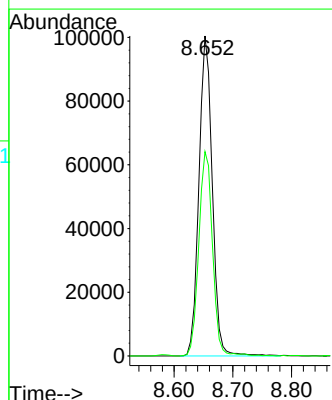
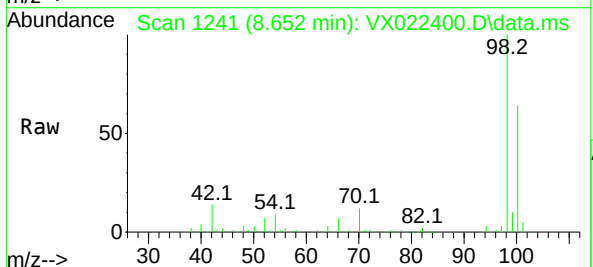
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

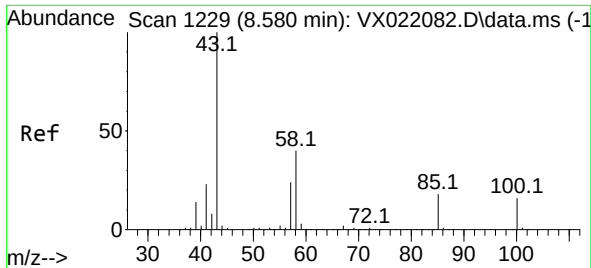
Tgt Ion: 41 Resp: 2933
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 51.64 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Tgt Ion: 98 Resp: 158847
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

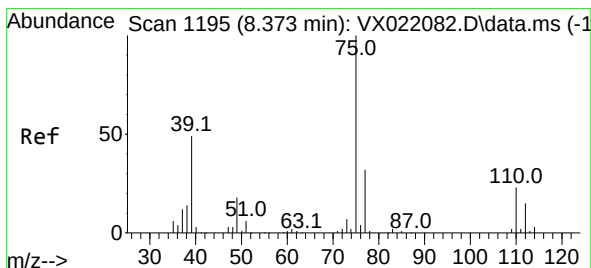
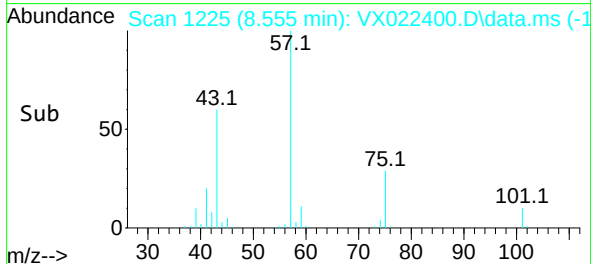
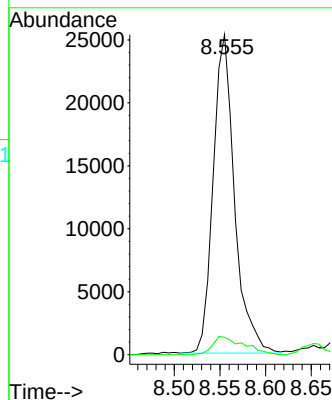
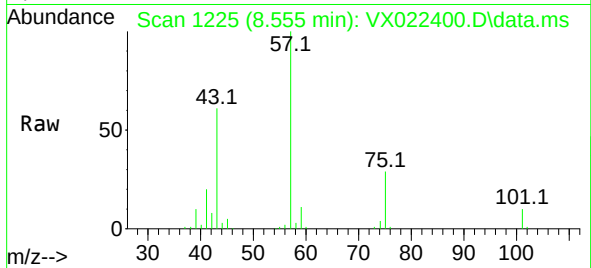




#51
4-Methyl-2-Pentanone
Concen: 29.35 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

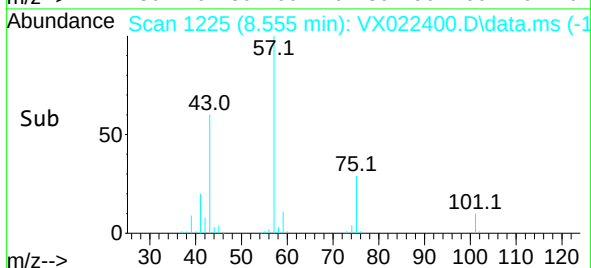
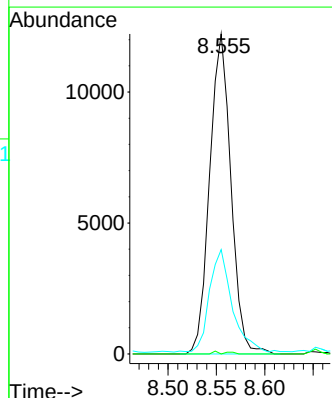
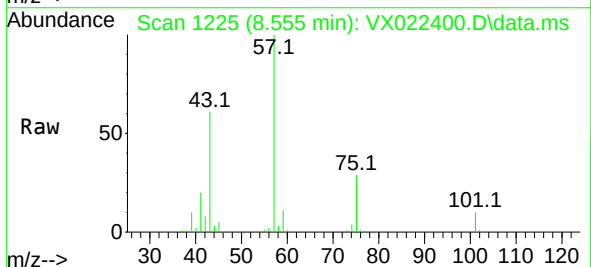
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

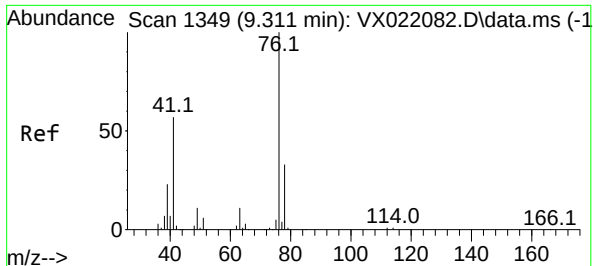
Tgt Ion: 43 Resp: 41044
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.12 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Tgt Ion: 75 Resp: 18659
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 31.9 35.1 52.7#





#57

1,3-Dichloropropane

Concen: 6.71 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX022400.D

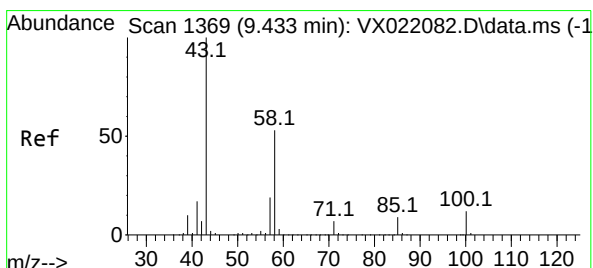
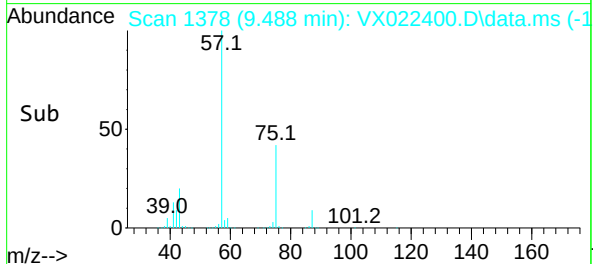
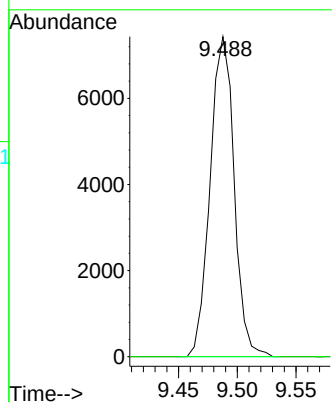
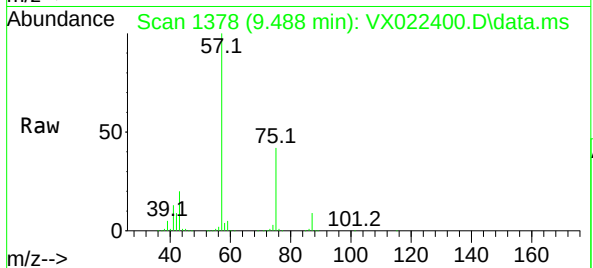
Acq: 04 Jun 2021 04:56

Tgt Ion: 76 Resp: 10559

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 139.02 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX022400.D

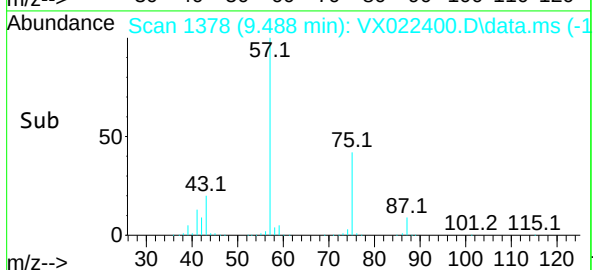
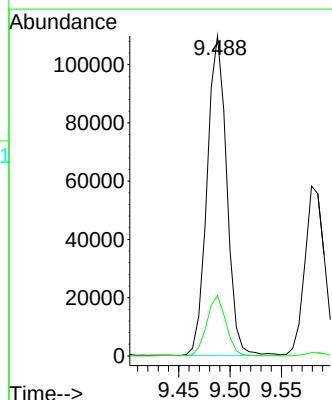
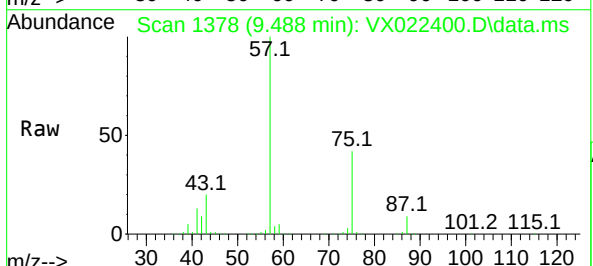
Acq: 04 Jun 2021 04:56

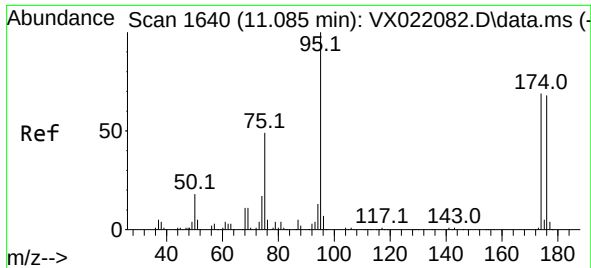
Tgt Ion: 43 Resp: 146224

Ion Ratio Lower Upper

43 100

58 18.4 30.9 92.8#

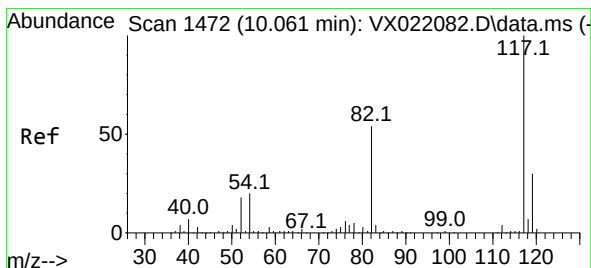
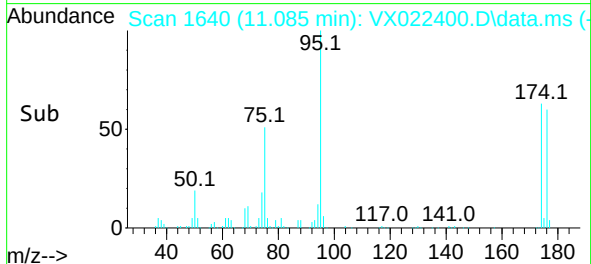
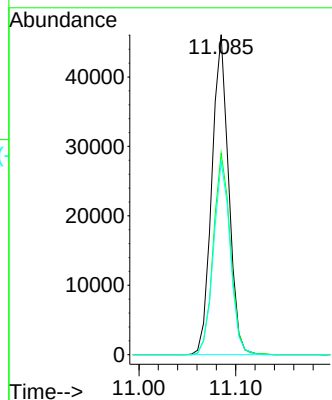
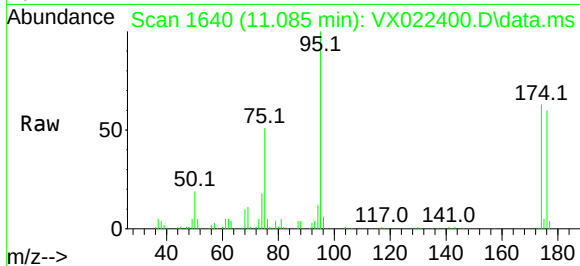




#62
4-Bromofluorobenzene
Concen: 48.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

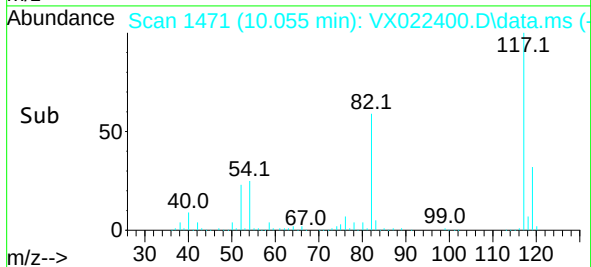
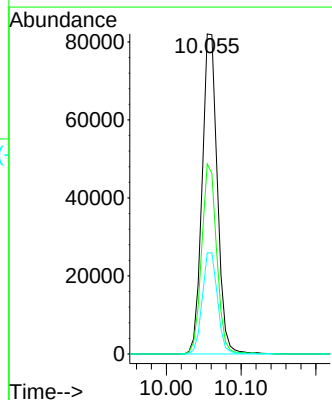
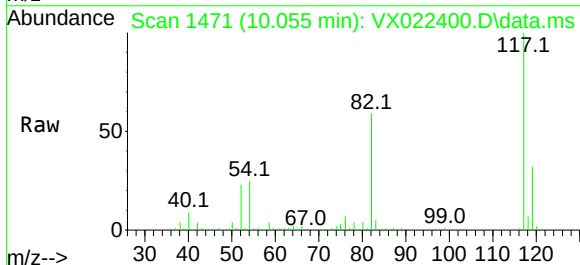
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

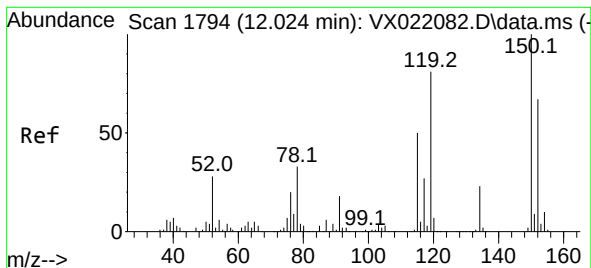
Tgt Ion: 95 Resp: 55610
Ion Ratio Lower Upper
95 100
174 64.0 0.0 154.6
176 60.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Tgt Ion: 117 Resp: 115959
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.5 26.6 39.8

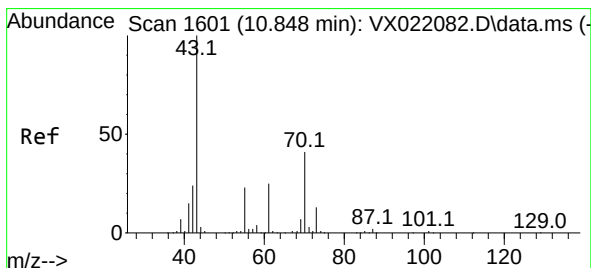
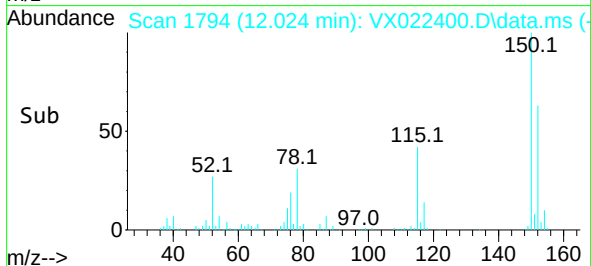
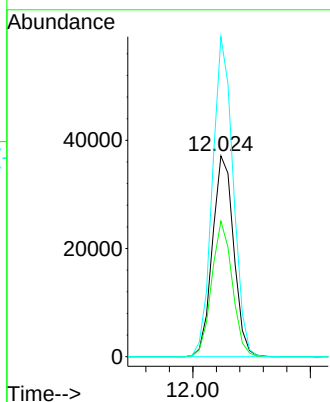
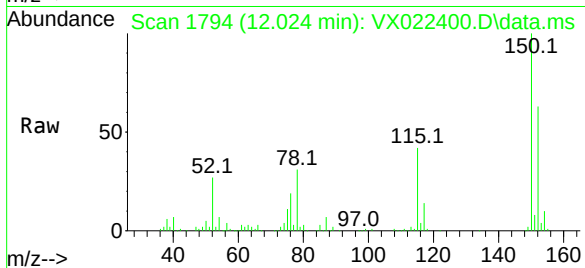




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

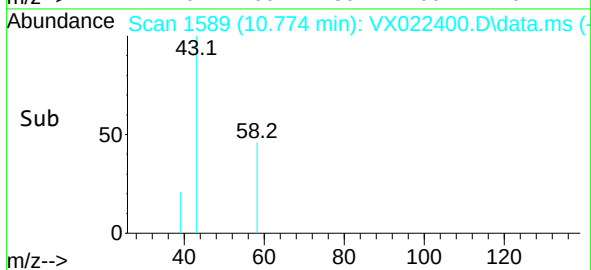
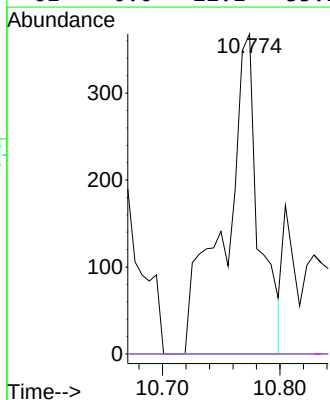
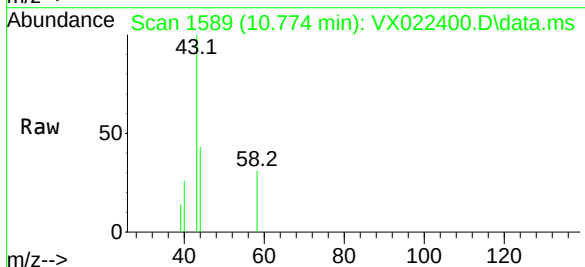
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

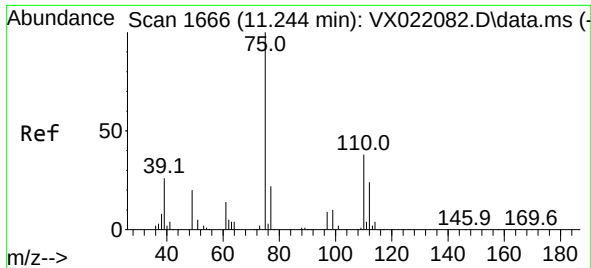
Tgt Ion:152 Resp: 46716
Ion Ratio Lower Upper
152 100
115 65.3 41.1 123.3
150 155.2 0.0 349.0



#74
N-ethyl acetate
Concen: 0.39 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

Tgt Ion: 43 Resp: 736
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#

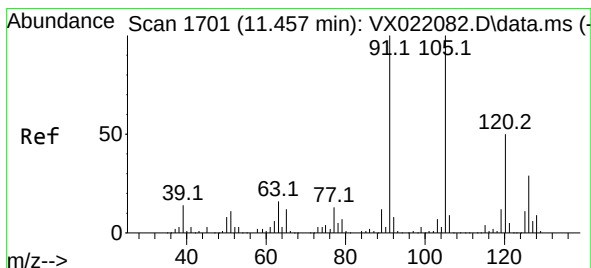
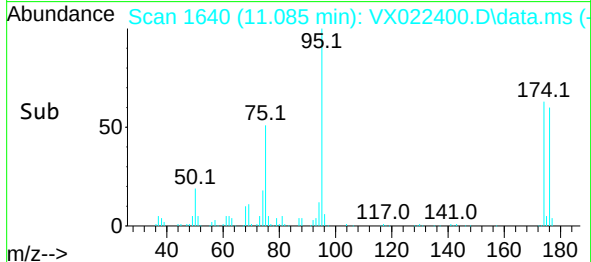
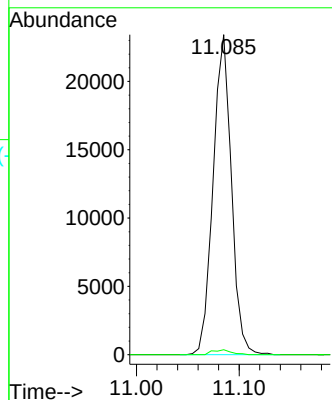
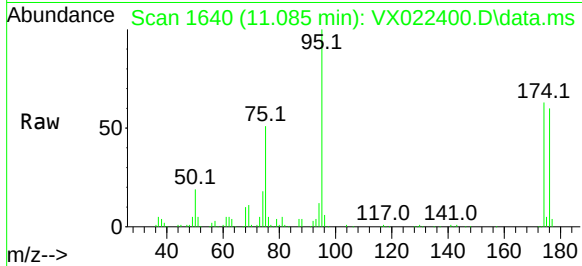




#76
1,2,3-Trichloropropane
Concen: 25.03 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

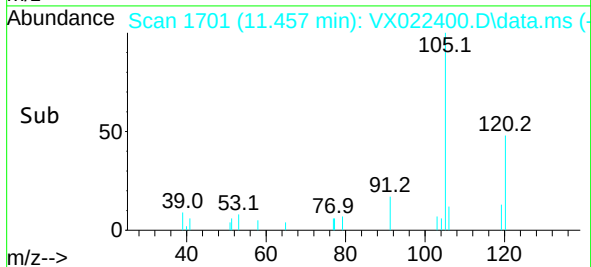
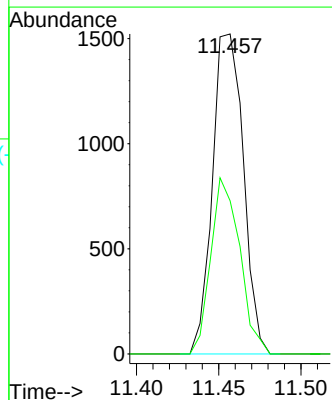
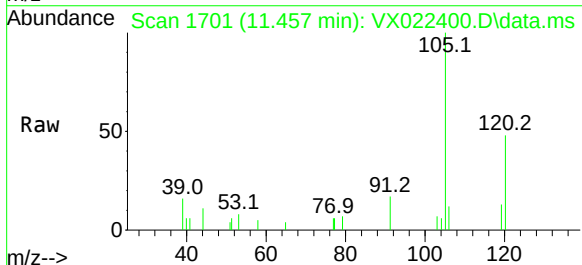
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#15

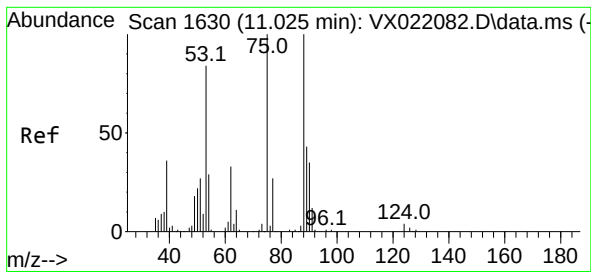
Tgt Ion: 75 Resp: 28842
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.61 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX022400.D
Acq: 04 Jun 2021 04:56

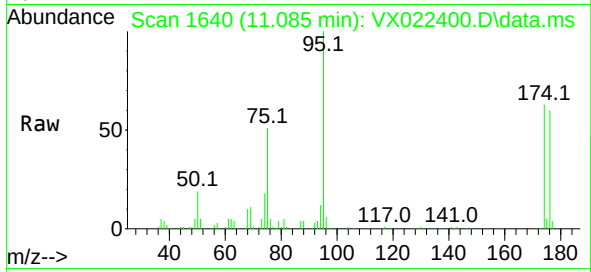
Tgt Ion: 105 Resp: 1990
Ion Ratio Lower Upper
105 100
120 51.6 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.29 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022400.D
 Acq: 04 Jun 2021 04:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#15



Tgt Ion: 75 Resp: 28842
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

