

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022494.D
 Acq On : 06 Jun 2021 21:40
 Operator : JC/MD
 Sample : PB136829ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#03

Quant Time: Jun 07 04:28:32 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)

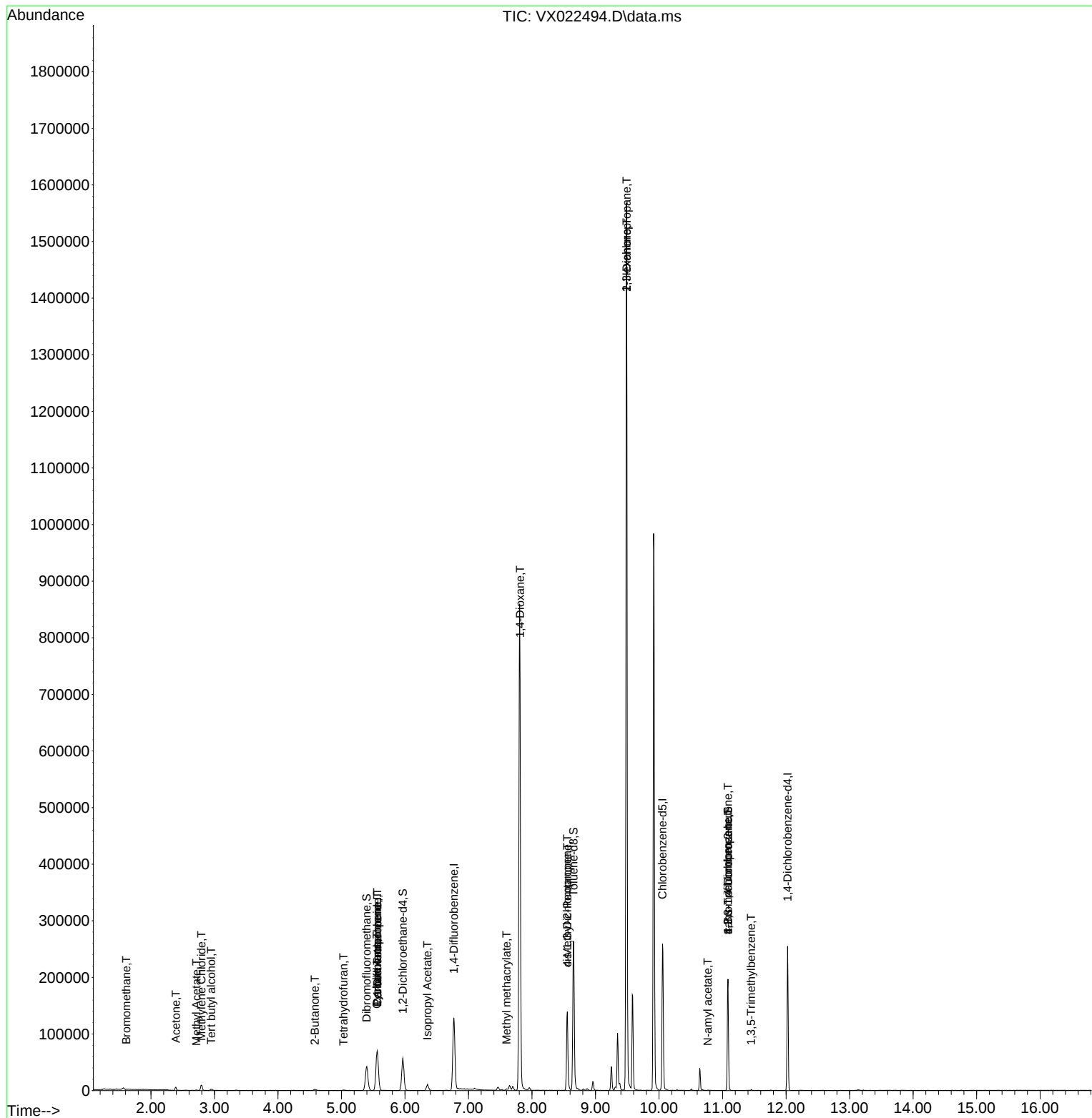
Internal Standards						
1) Pentafluorobenzene	5.562	168	59089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	124889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49848	54.689	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.380%			
35) Dibromofluoromethane	5.397	113	35865	45.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.560%			
50) Toluene-d8	8.653	98	153453	50.299	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.600%			
62) 4-Bromofluorobenzene	11.085	95	53963	47.855	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.700%			
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	149	0.312	ug/l #	76
11) Tert butyl alcohol	2.946	59	1550	7.435	ug/l #	73
16) Acetone	2.392	43	5908	14.886	ug/l	99
18) Methyl Acetate	2.715	43	1167	1.106	ug/l #	86
20) Methylene Chloride	2.794	84	4291	4.869	ug/l	87
25) 2-Butanone	4.580	43	2109	3.285	ug/l #	85
29) Tetrahydrofuran	5.031	42	693	1.813	ug/l #	67
31) Cyclohexane	5.556	56	1868	1.631	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	6071	5.257	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6997	6.194	ug/l #	16
43) Isopropyl Acetate	6.354	43	13731	5.930	ug/l #	93
48) Methyl methacrylate	7.598	41	3711	3.478	ug/l #	10
49) 1,4-Dioxane	7.811	88	30	1.444	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	49267	35.519	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	22310	14.609	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	13610	8.726	ug/l #	42
59) 2-Hexanone	9.488	43	180336	172.867	ug/l #	44
74) N-amyl acetate	10.768	43	448	0.253	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	28104	25.860	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	823	0.266	ug/l	85
81) trans-1,4-Dichloro-2-b...	11.085	75	28104	61.272	ug/l #	12

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

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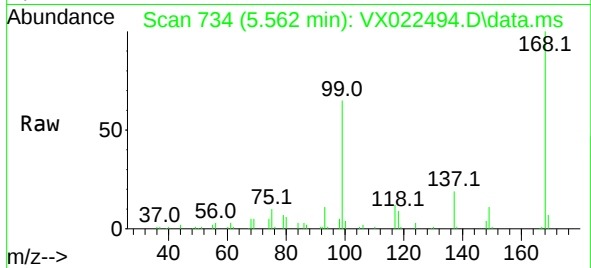
Quant Time: Jun 07 04:28:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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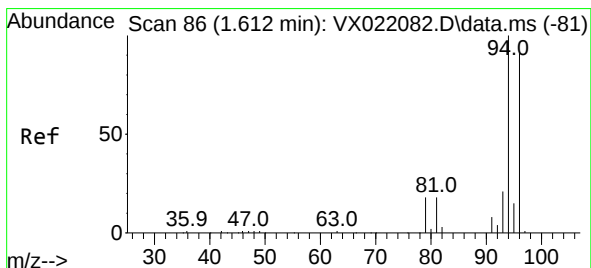
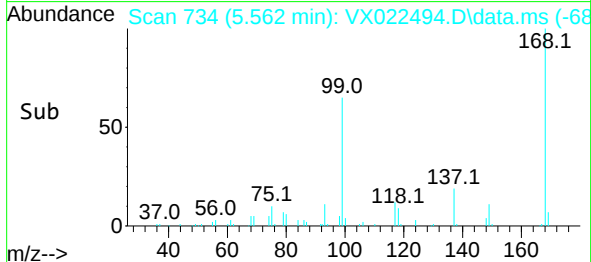
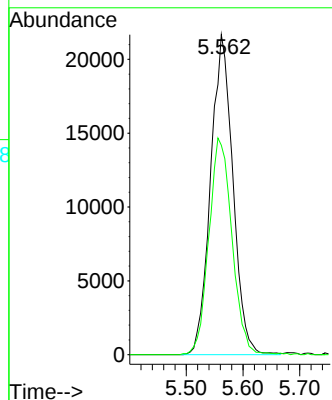


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#03

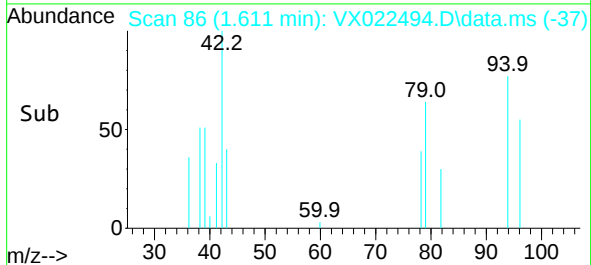
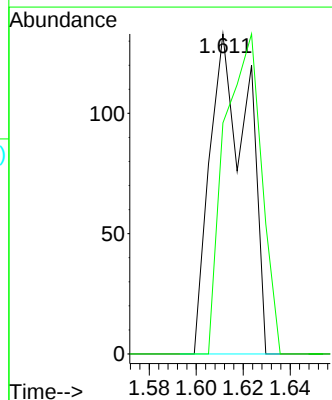
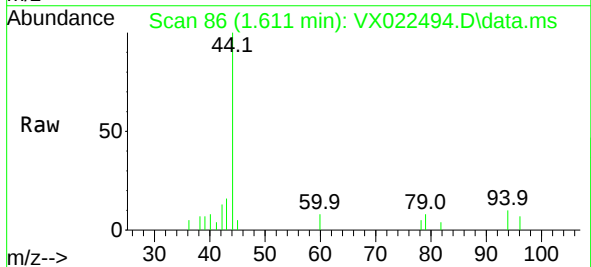


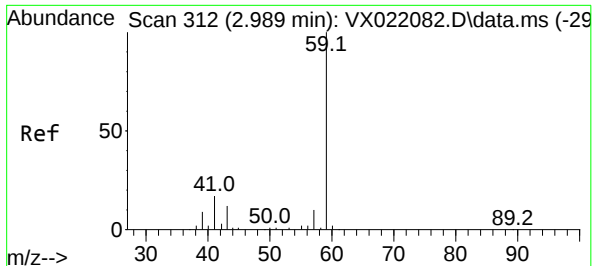
Tgt Ion:168 Resp: 59089
Ion Ratio Lower Upper
168 100
99 65.5 45.8 68.6



#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 72.2 76.4 114.6#



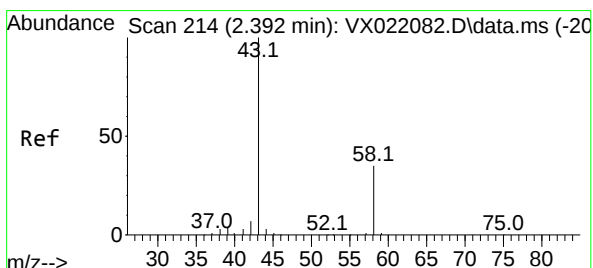
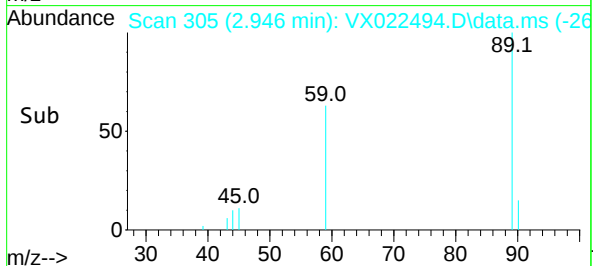
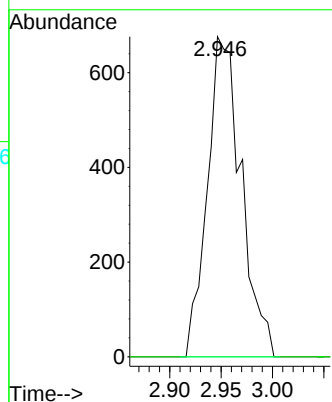
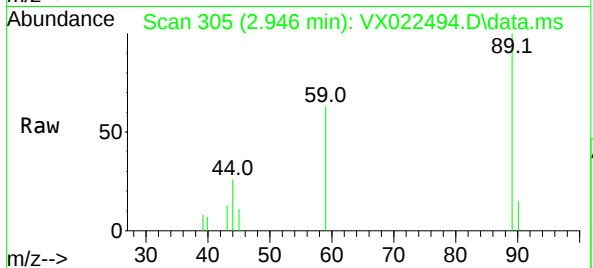


#11

Tert butyl alcohol
Concen: 7.435 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Instrument :
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ClientSampleId :
PB136829ZHE#03

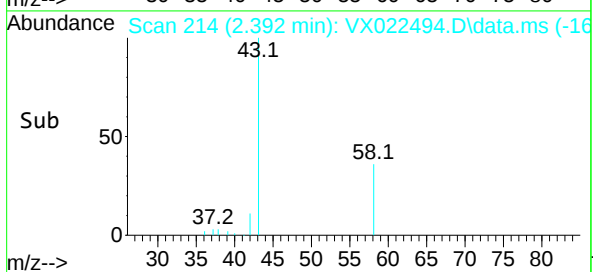
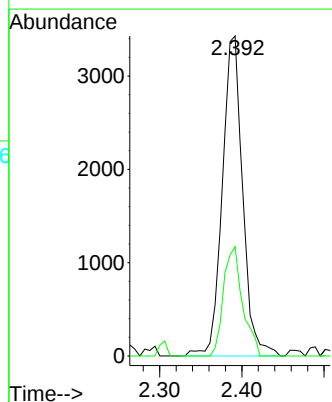
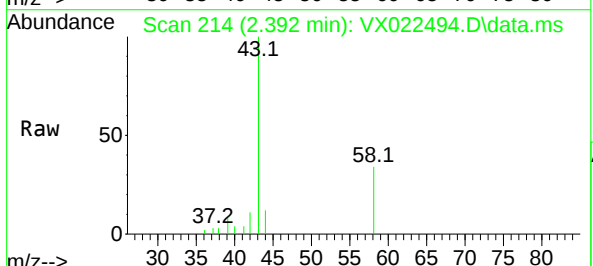
Tgt Ion: 59 Resp: 1550
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

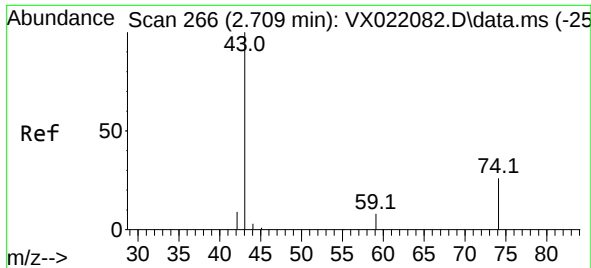


#16

Acetone
Concen: 14.886 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 43 Resp: 5908
Ion Ratio Lower Upper
43 100
58 34.1 27.8 41.8

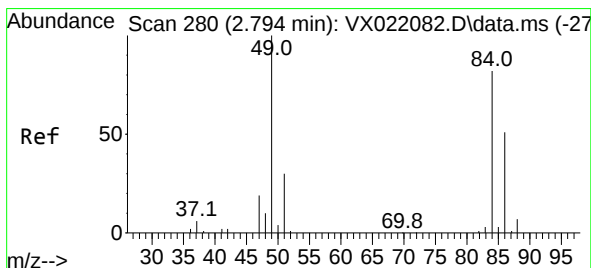
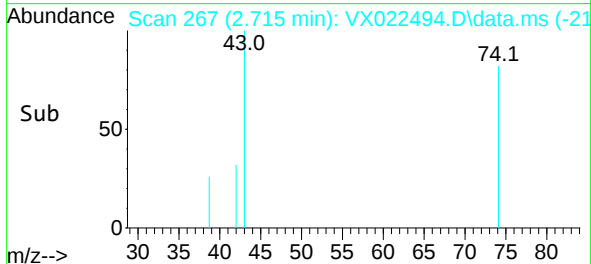
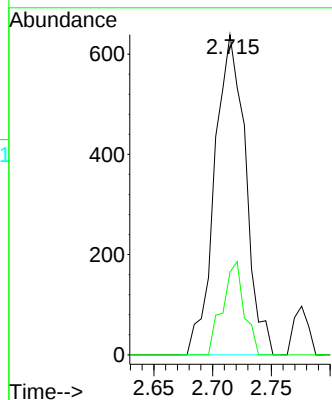
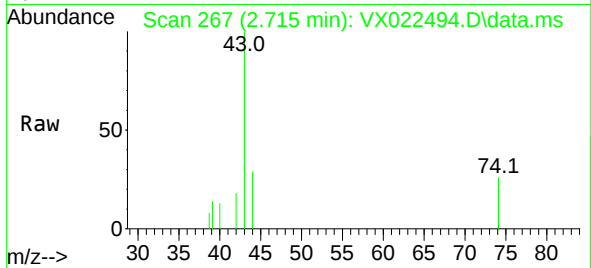




#18
Methyl Acetate
Concen: 1.106 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

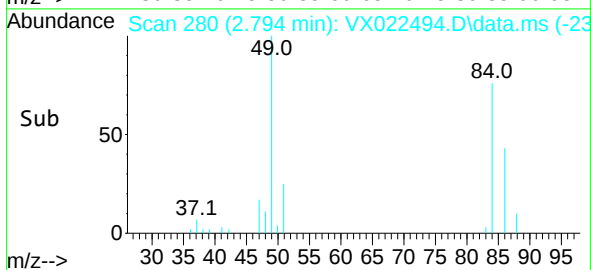
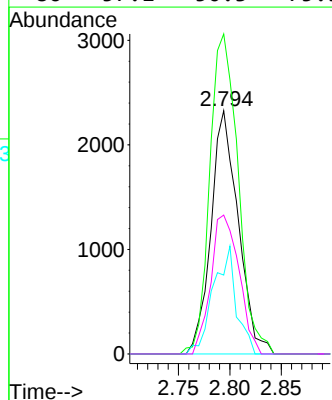
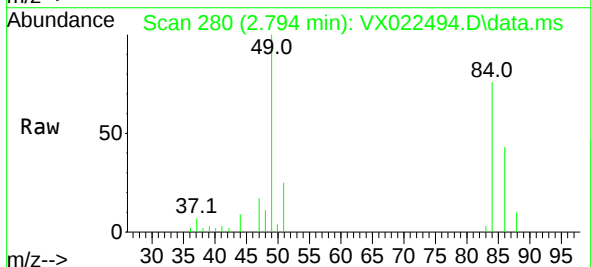
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#03

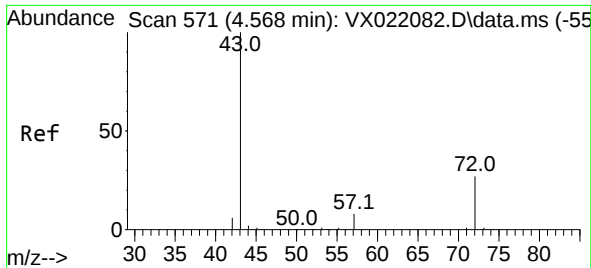
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
74 20.2 21.9 32.9#



#20
Methylene Chloride
Concen: 4.869 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 84 Resp: 4291
Ion Ratio Lower Upper
84 100
49 131.5 88.6 132.8
51 32.4 27.0 40.6
86 57.1 50.3 75.5

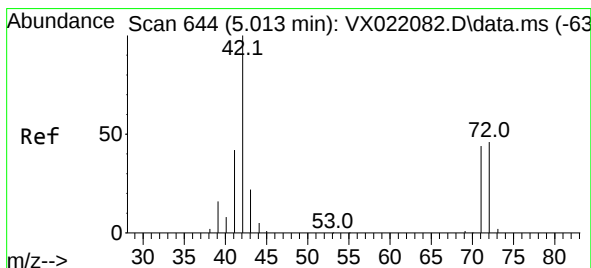
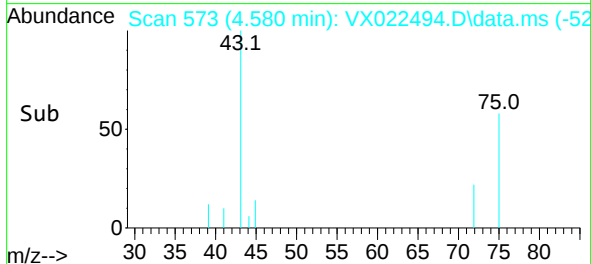
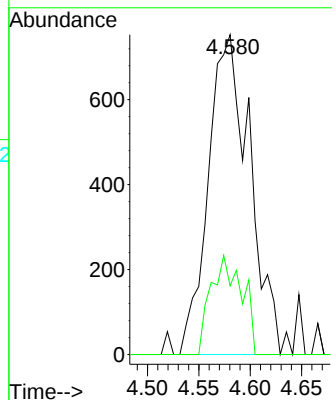
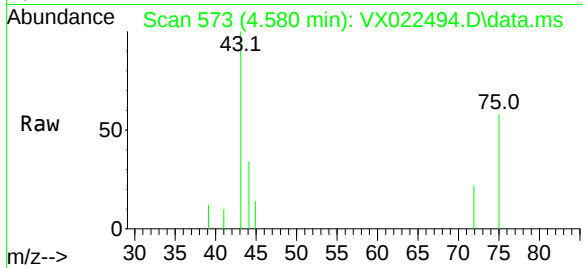




#25
2-Butanone
Concen: 3.285 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

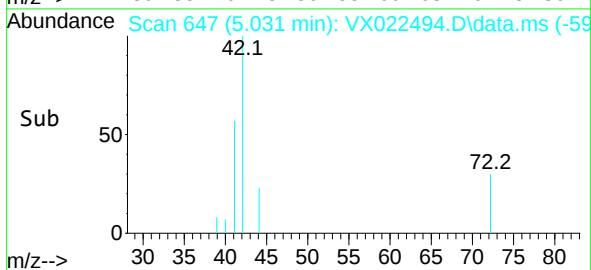
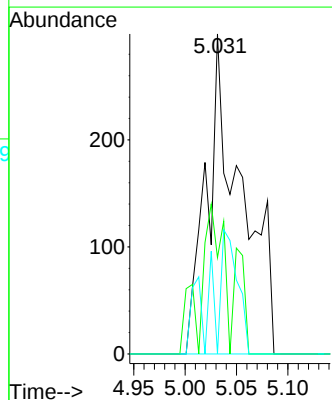
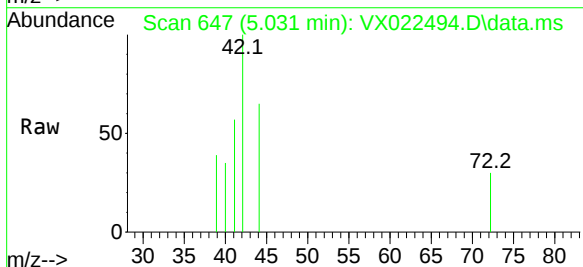
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#03

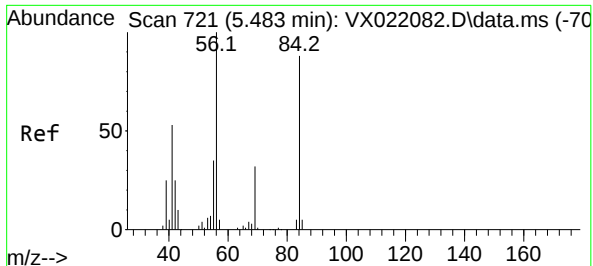
Tgt Ion: 43 Resp: 2109
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.813 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

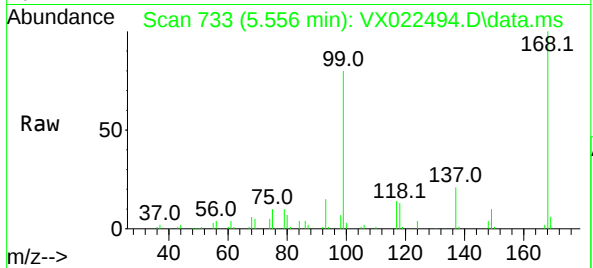
Tgt Ion: 42 Resp: 693
Ion Ratio Lower Upper
42 100
72 30.9 41.7 62.5#
71 23.4 38.4 57.6#



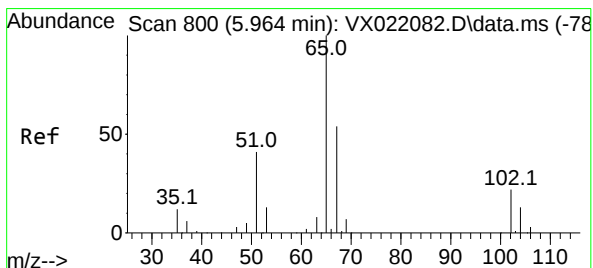
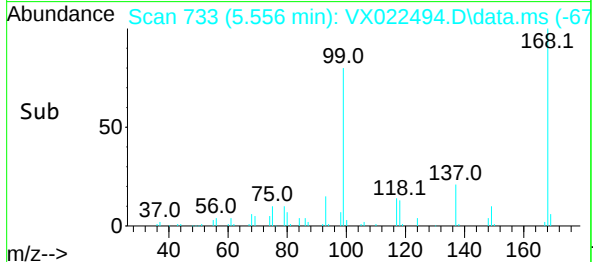
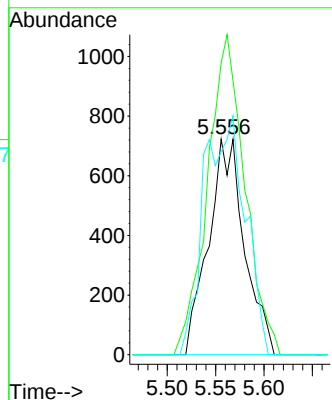


#31
Cyclohexane
Concen: 1.631 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Instrument :
MSVOA_X
ClientSampleId :
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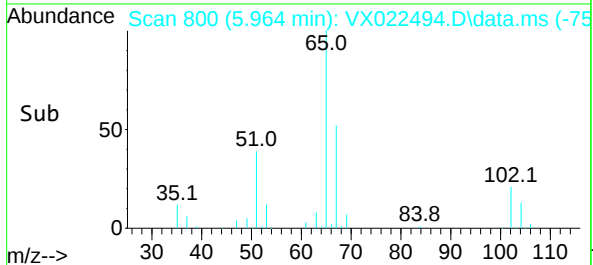
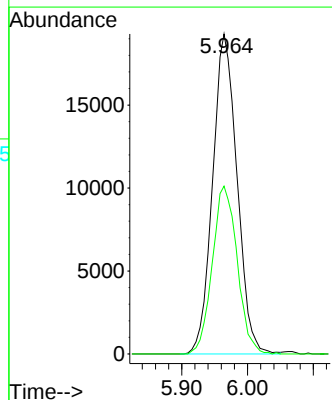
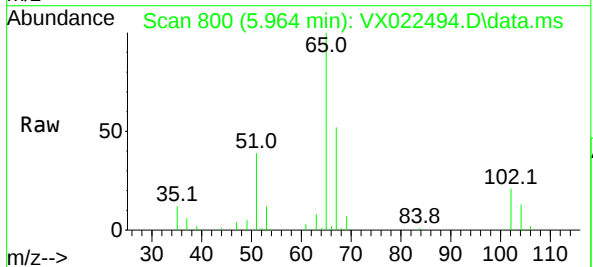


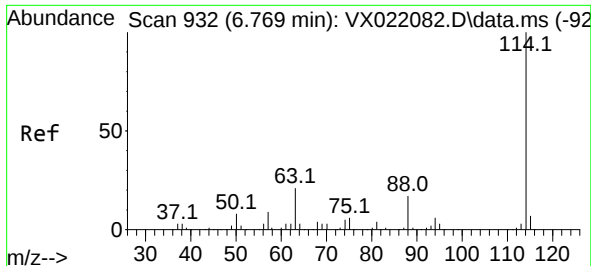
Tgt Ion: 56 Resp: 1868
Ion Ratio Lower Upper
56 100
69 135.3 25.3 37.9#
84 94.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.689 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 65 Resp: 49848
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

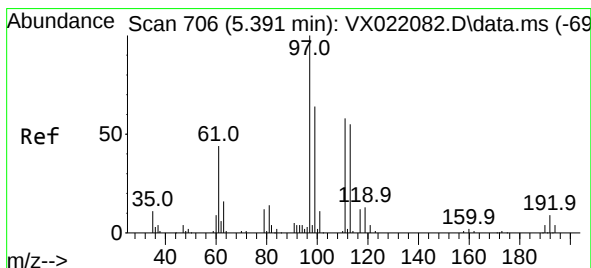
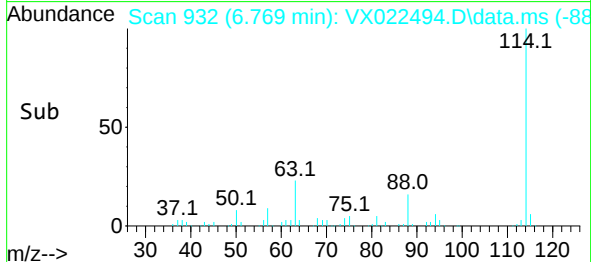
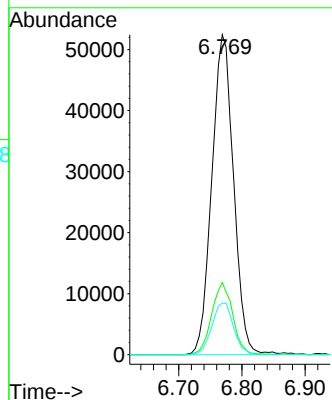
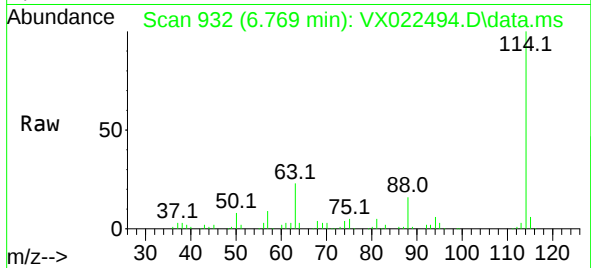




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

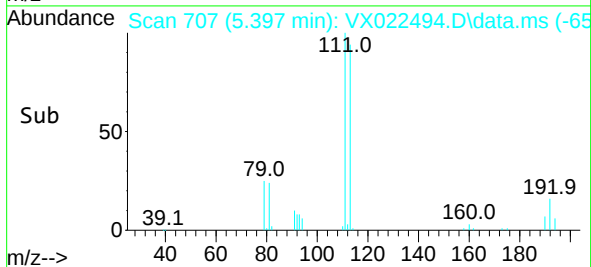
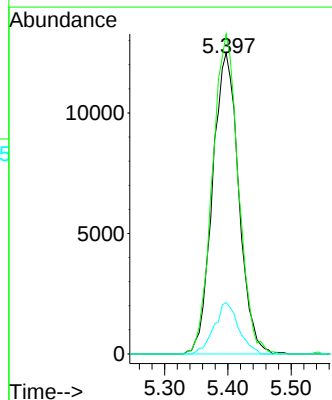
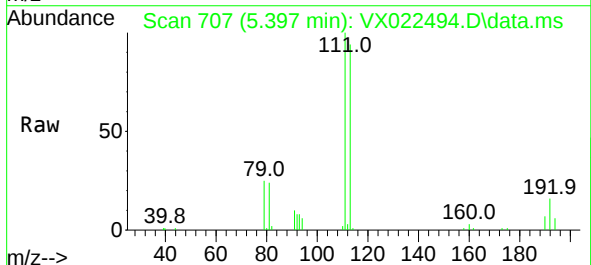
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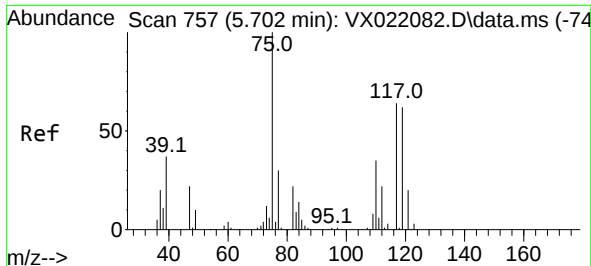
Tgt Ion:114 Resp: 124889
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.285 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion:113 Resp: 35865
Ion Ratio Lower Upper
113 100
111 105.8 81.9 122.9
192 15.9 16.7 25.1#

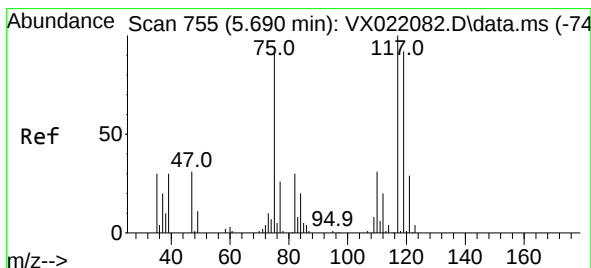
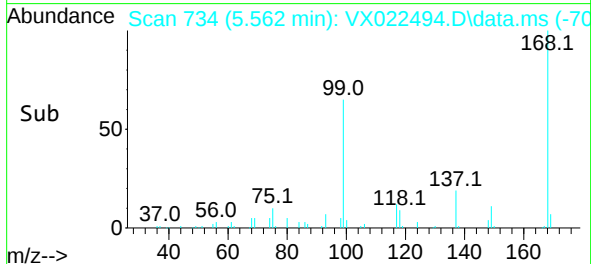
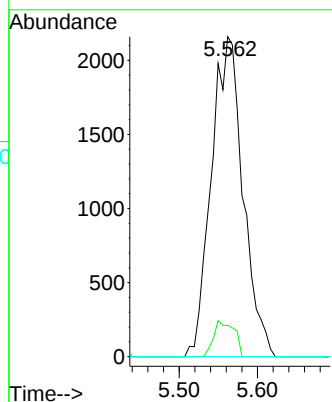
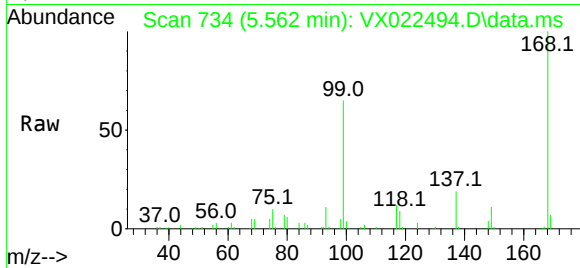




#36
1,1-Dichloropropene
Concen: 5.257 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

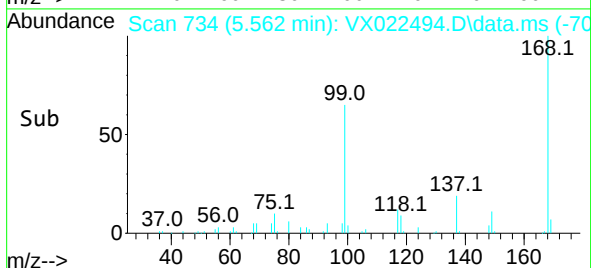
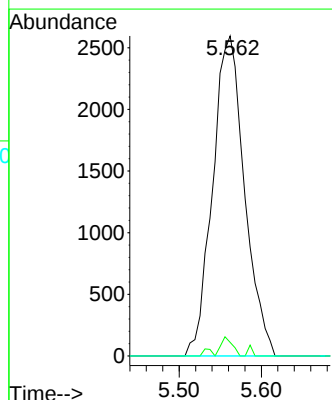
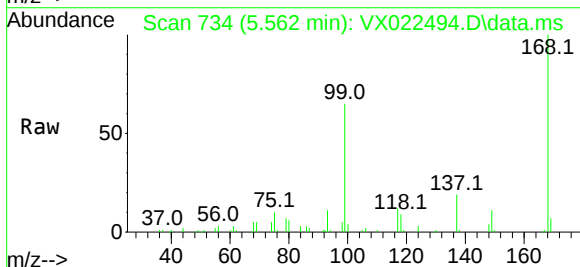
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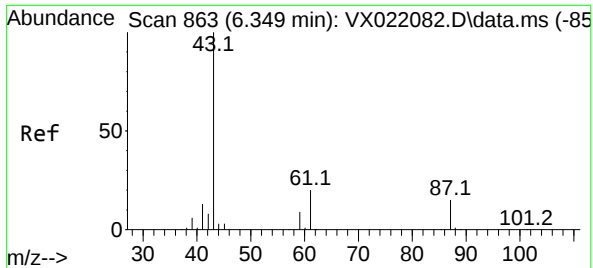
Tgt Ion: 75 Resp: 6071
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.194 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 117 Resp: 6997
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

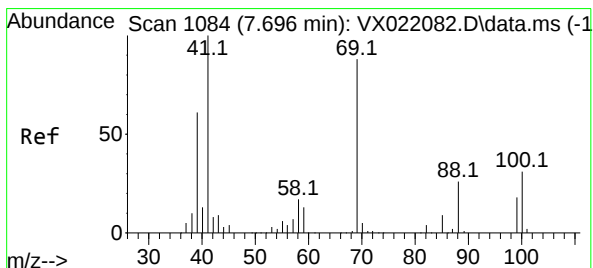
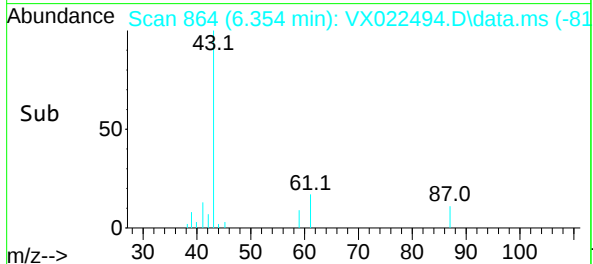
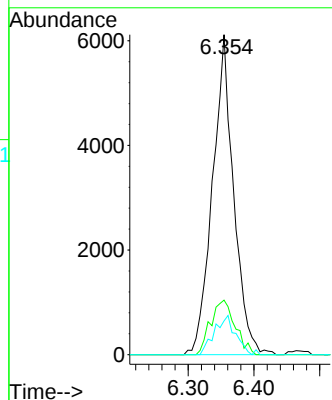
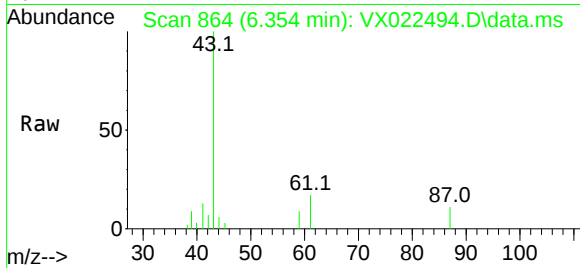




#43
Isopropyl Acetate
Concen: 5.930 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

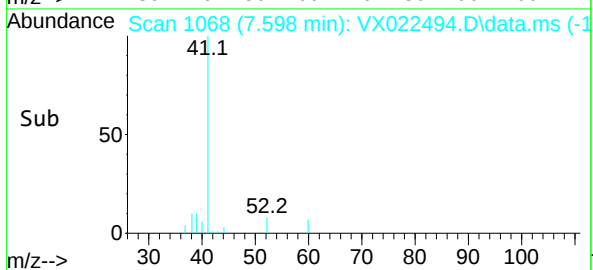
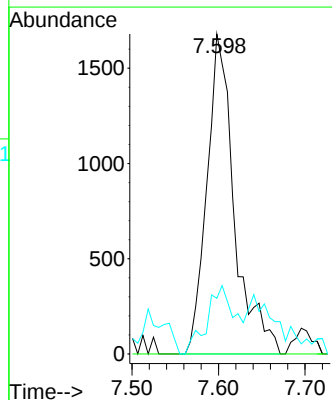
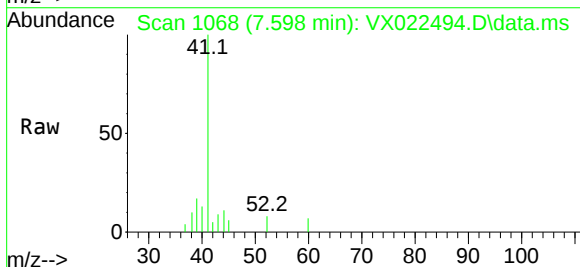
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#03

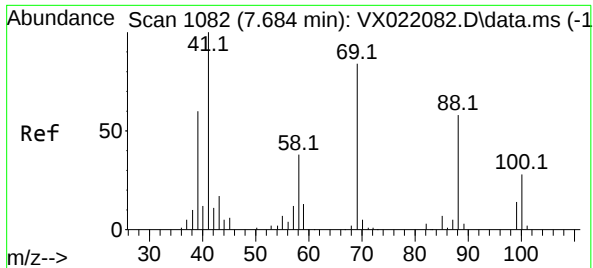
Tgt Ion: 43	Resp: 13731
Ion Ratio	Lower Upper
43 100	
61 19.7	18.2 27.4
87 12.0	12.5 18.7#



#48
Methyl methacrylate
Concen: 3.478 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 41	Resp: 3711
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: 1.444 ug/l

RT: 7.811 min Scan# 1103

Delta R.T. 0.127 min

Lab File: VX022494.D

Acq: 06 Jun 2021 21:40

Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 2601980.0 23.2 34.8#

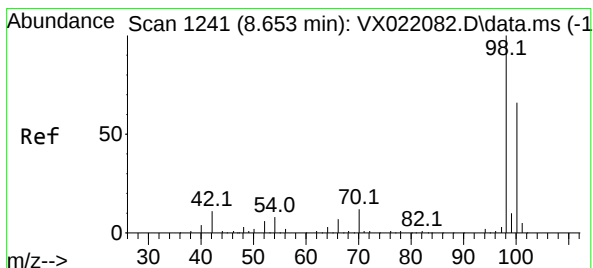
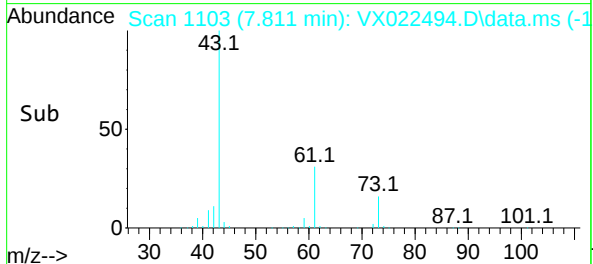
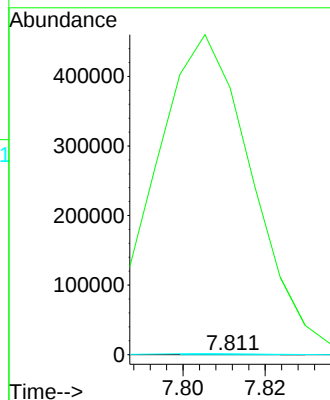
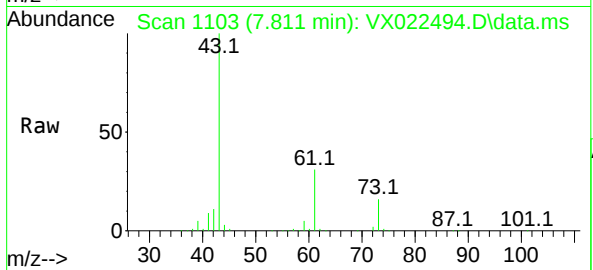
58 9536.7 55.0 82.4#

Instrument :

MSVOA_X

ClientSampleId :

PB136829ZHE#03



#50

Toluene-d8

Concen: 50.299 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022494.D

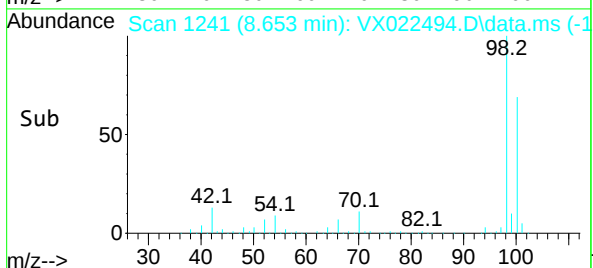
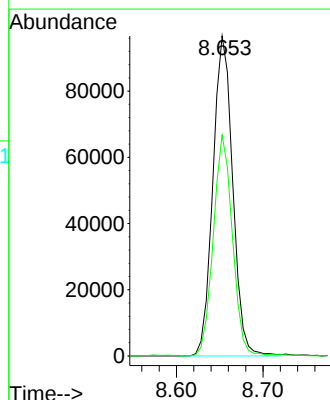
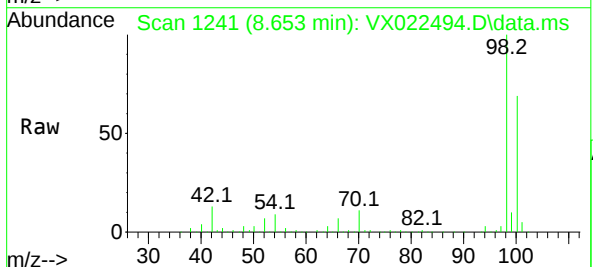
Acq: 06 Jun 2021 21:40

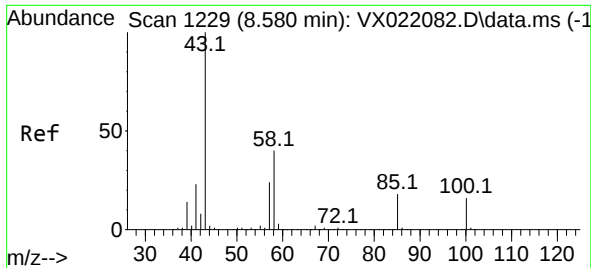
Tgt Ion: 98 Resp: 153453

Ion Ratio Lower Upper

98 100

100 67.1 51.9 77.9

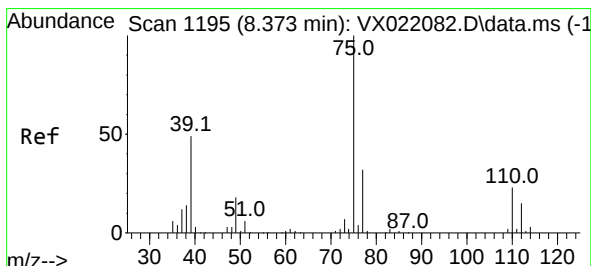
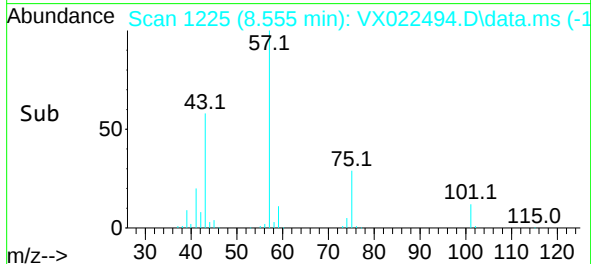
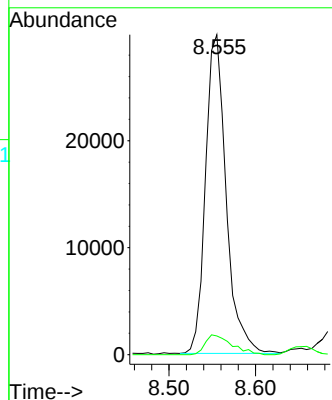
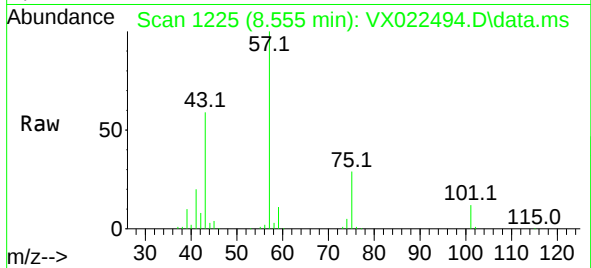




#51
4-Methyl-2-Pentanone
Concen: 35.519 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

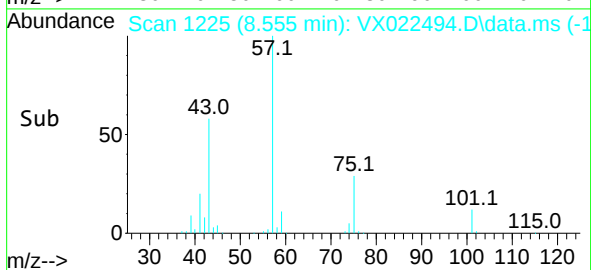
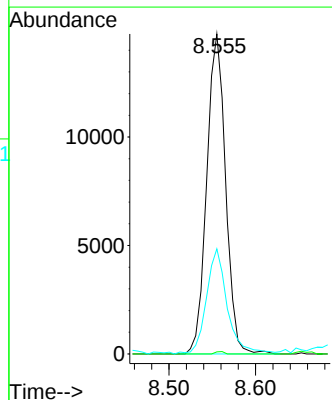
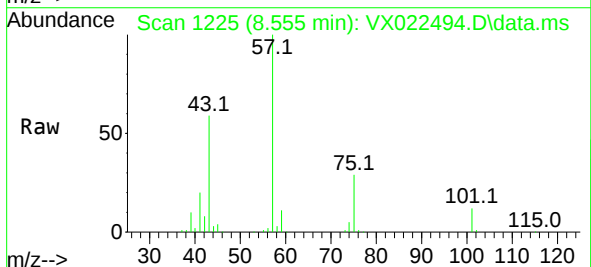
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#03

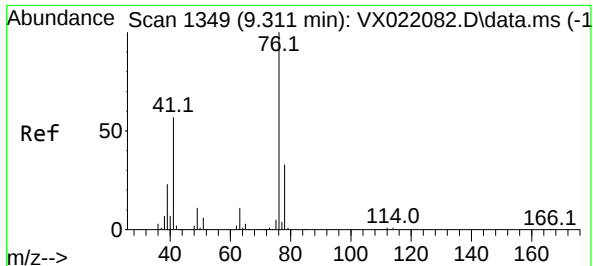
Tgt Ion: 43 Resp: 49267
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.609 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 75 Resp: 22310
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 32.2 35.1 52.7#



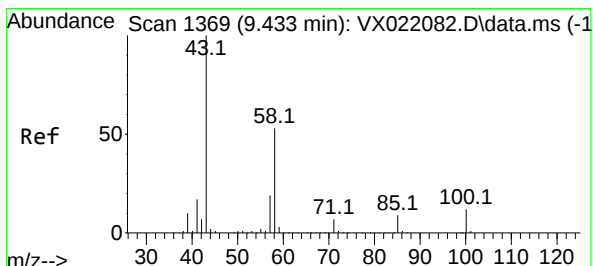
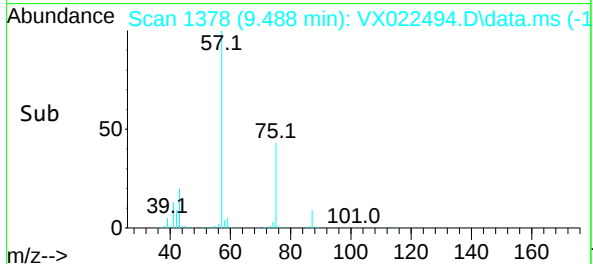
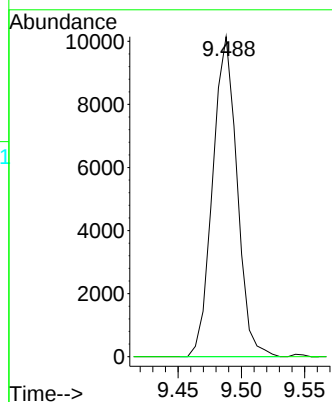
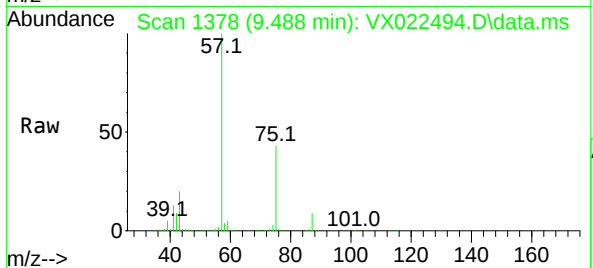


#57

1,3-Dichloropropane
Concen: 8.726 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#03

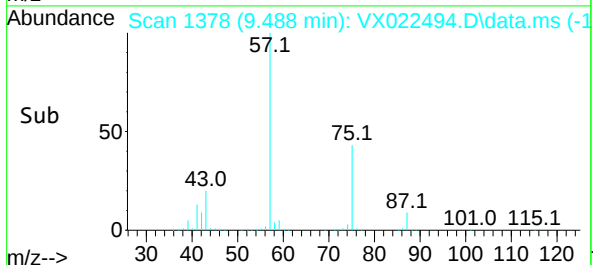
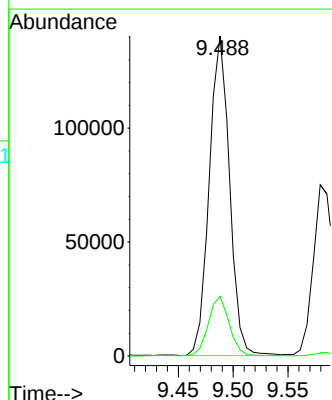
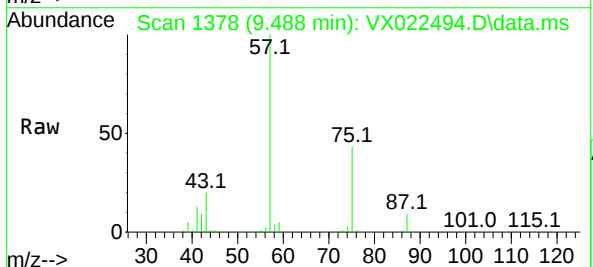
Tgt Ion: 76 Resp: 13610
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

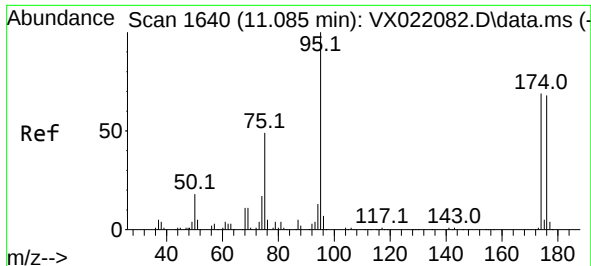


#59

2-Hexanone
Concen: 172.867 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 43 Resp: 180336
Ion Ratio Lower Upper
43 100
58 19.2 30.9 92.8#

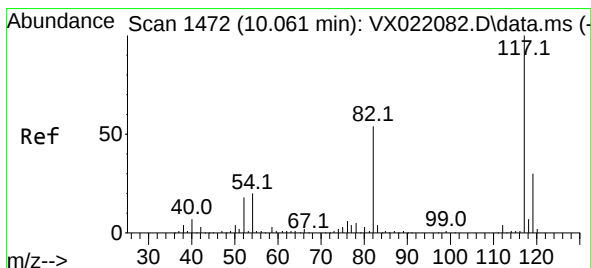
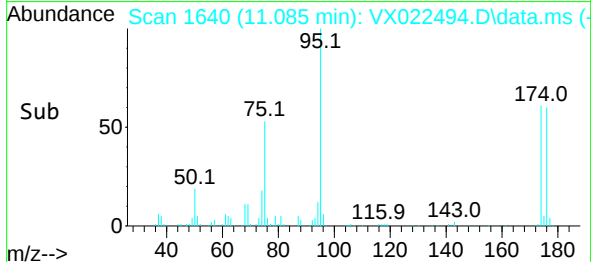
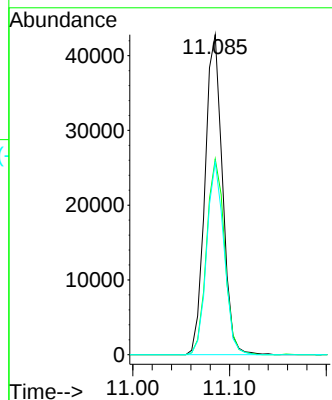
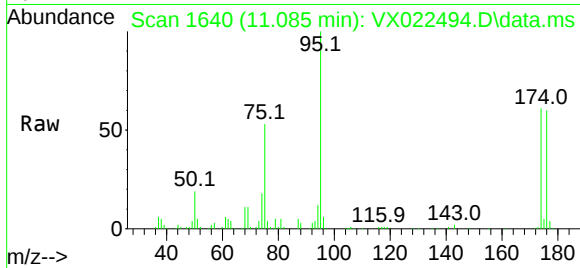




#62
4-Bromofluorobenzene
Concen: 47.855 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

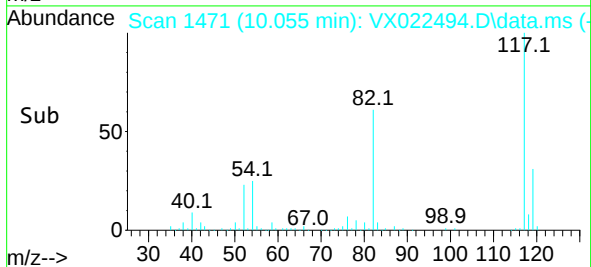
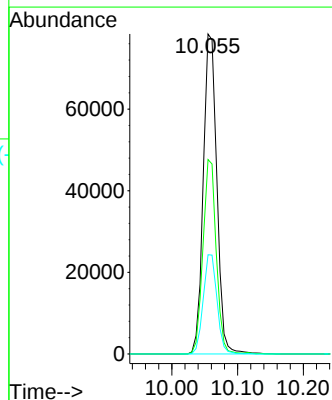
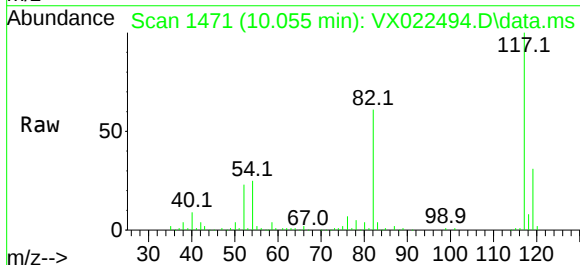
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#03

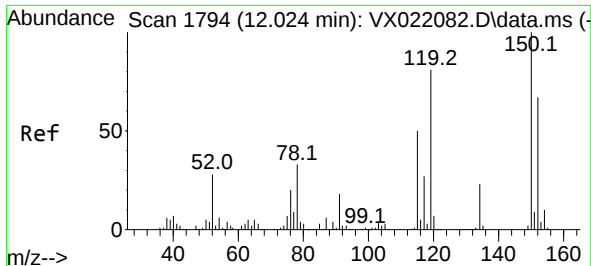
Tgt Ion: 95 Resp: 53963
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 59.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

Tgt Ion: 117 Resp: 112595
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.0 26.6 39.8

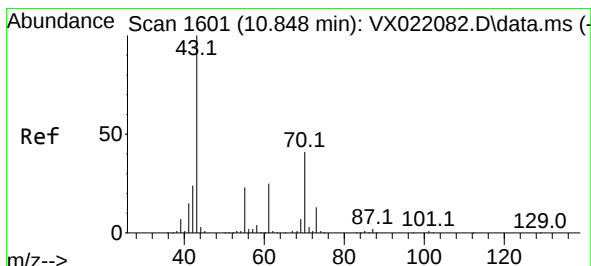
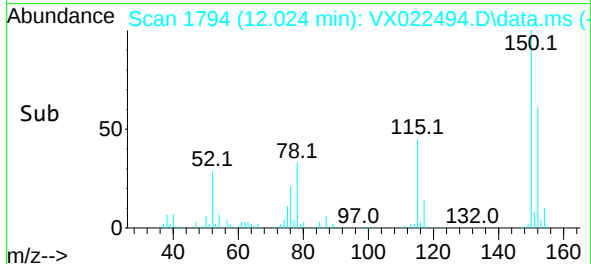
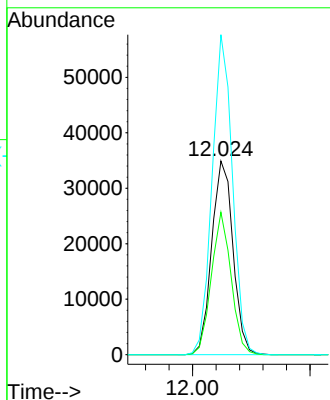
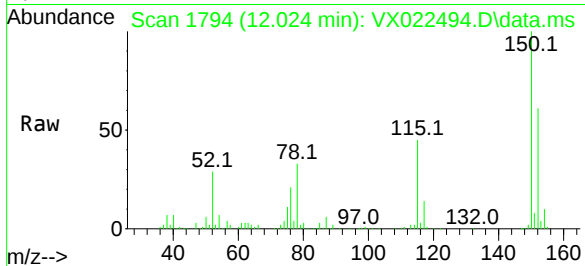




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022494.D
 Acq: 06 Jun 2021 21:40

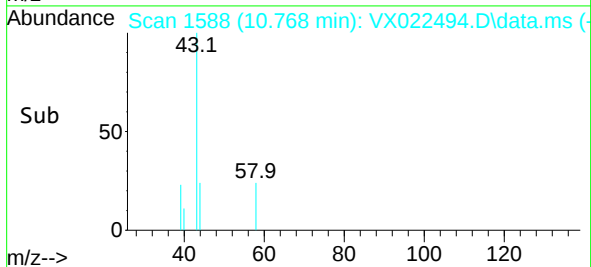
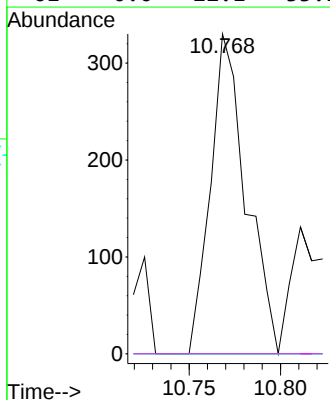
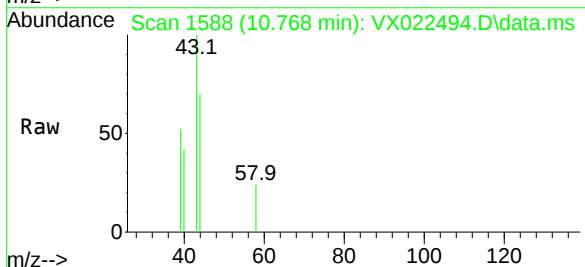
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#03

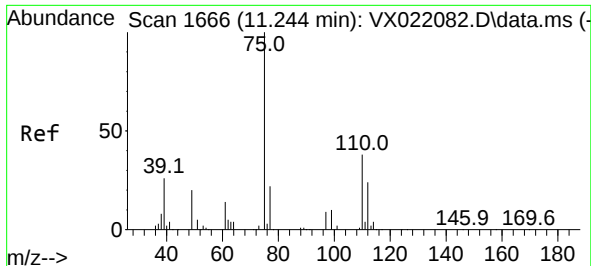
Tgt Ion:152 Resp: 44052
 Ion Ratio Lower Upper
 152 100
 115 68.0 41.1 123.3
 150 157.8 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.253 ug/l
 RT: 10.768 min Scan# 1588
 Delta R.T. -0.080 min
 Lab File: VX022494.D
 Acq: 06 Jun 2021 21:40

Tgt Ion: 43 Resp: 448
 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#

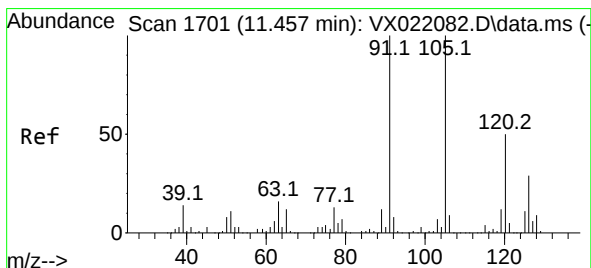
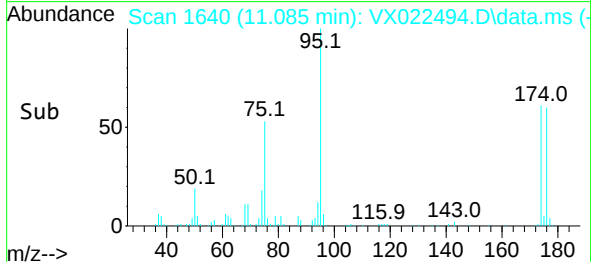
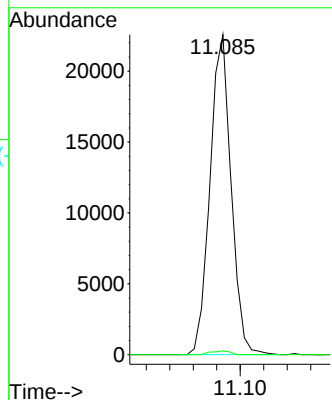
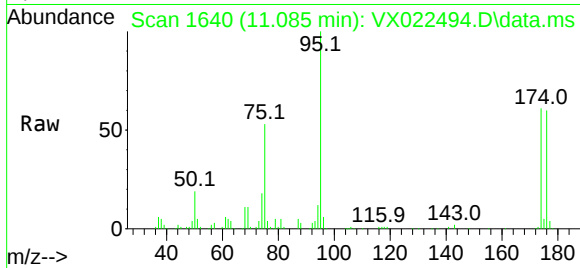




#76
1,2,3-Trichloropropane
Concen: 25.860 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

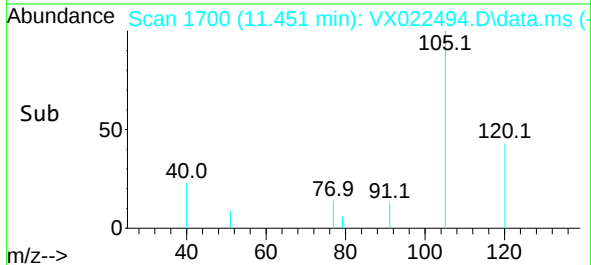
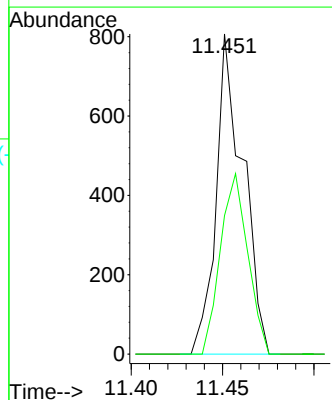
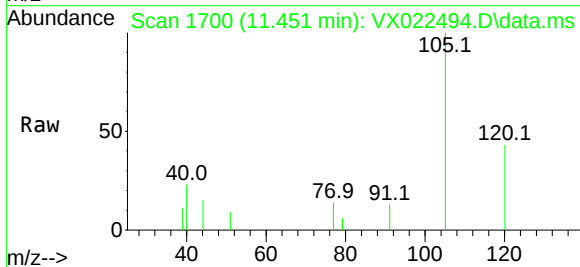
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#03

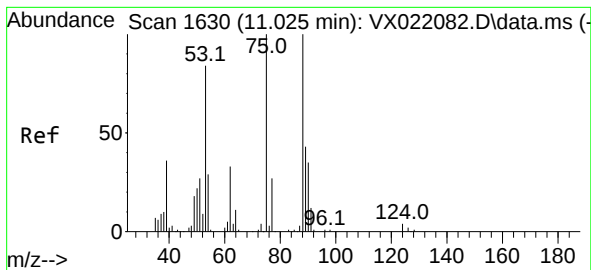
Tgt Ion: 75 Resp: 28104
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.266 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022494.D
Acq: 06 Jun 2021 21:40

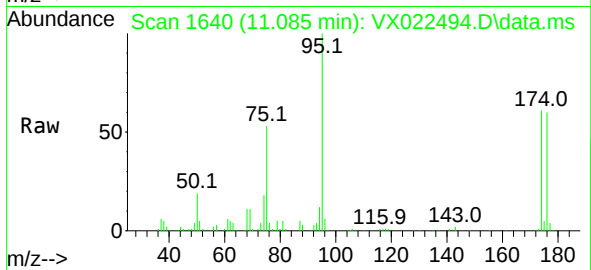
Tgt Ion:105 Resp: 823
Ion Ratio Lower Upper
105 100
120 57.6 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.272 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022494.D
 Acq: 06 Jun 2021 21:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#03



Tgt Ion: 75 Resp: 28104
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

