

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022510.D
 Acq On : 07 Jun 2021 04:43
 Operator : JC/MD
 Sample : PB136857ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#04

Quant Time: Jun 07 06:18:58 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)

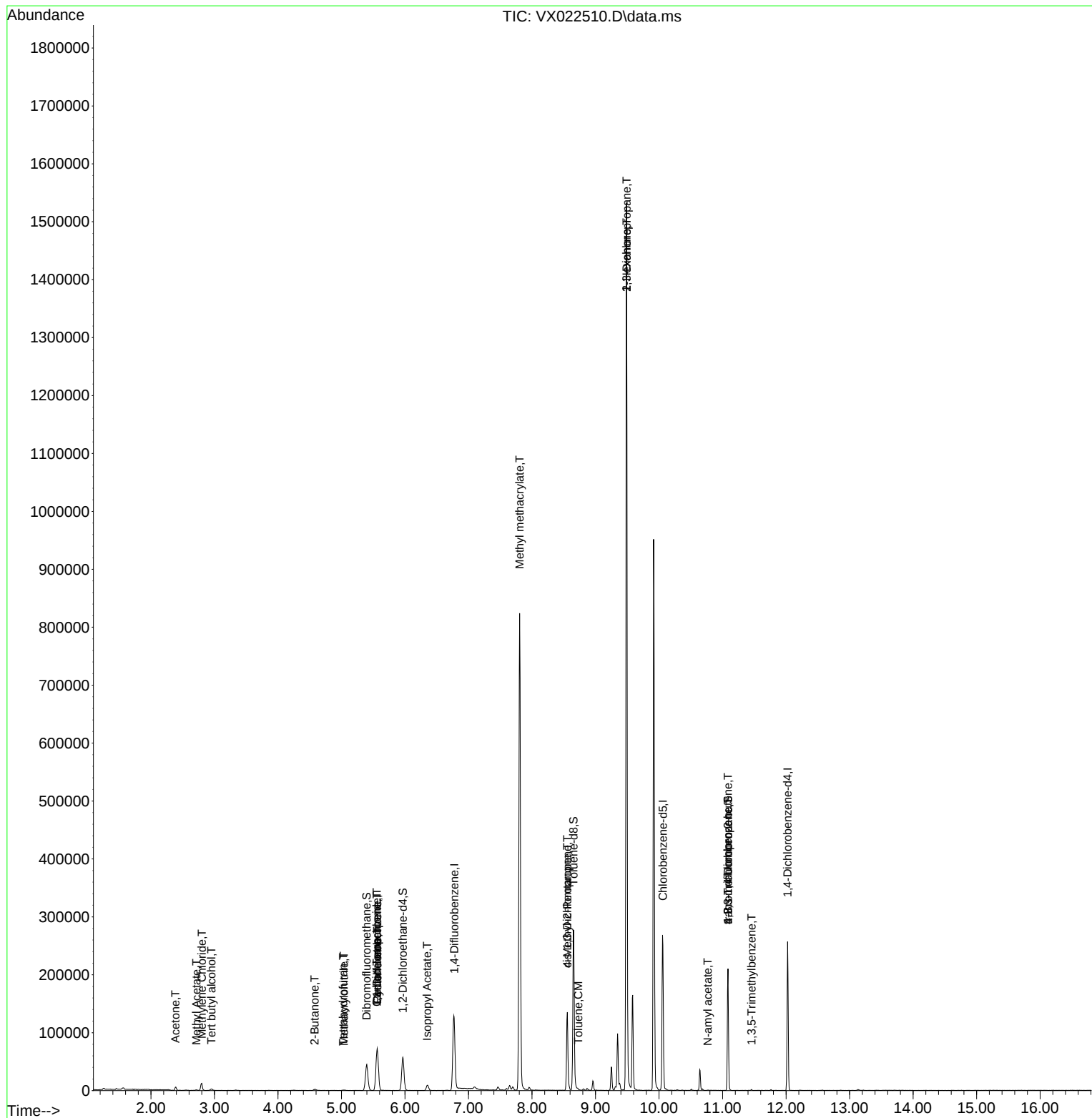
Internal Standards						
1) Pentafluorobenzene	5.562	168	60193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	125931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51317	55.268	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.540%	
35) Dibromofluoromethane	5.397	113	37567	47.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.080%	
50) Toluene-d8	8.653	98	158764	51.609	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	11.085	95	56529	49.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.440%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	1903	8.961	ug/l	# 73
16) Acetone	2.386	43	6502	16.082	ug/l	91
18) Methyl Acetate	2.715	43	1609	1.496	ug/l	# 71
20) Methylene Chloride	2.800	84	5452	6.073	ug/l	95
25) 2-Butanone	4.574	43	2536	3.877	ug/l	90
29) Tetrahydrofuran	5.026	42	900	2.312	ug/l	# 63
31) Cyclohexane	5.562	56	2010	1.723	ug/l	# 11
36) 1,1-Dichloropropene	5.556	75	6329	5.435	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	7151	6.278	ug/l	# 17
41) Methacrylonitrile	5.038	41	434	0.568	ug/l	# 35
43) Isopropyl Acetate	6.348	43	13063	5.595	ug/l	95
48) Methyl methacrylate	7.806	41	69252	64.359	ug/l	# 37
51) 4-Methyl-2-Pentanone	8.555	43	47618	34.047	ug/l	# 45
52) Toluene	8.726	92	487	0.215	ug/l	92
54) cis-1,3-Dichloropropene	8.555	75	21017	13.649	ug/l	# 65
57) 1,3-Dichloropropane	9.488	76	12820	8.152	ug/l	# 42
59) 2-Hexanone	9.488	43	176512	167.802	ug/l	# 44
74) N-amyl acetate	10.768	43	659	0.357	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	29660	26.129	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	848	0.263	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.085	75	29660	61.908	ug/l	# 12

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

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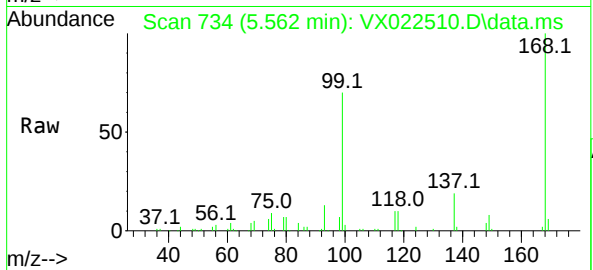
Quant Time: Jun 07 06:18:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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QLast Update : Wed May 19 14:23:10 2021
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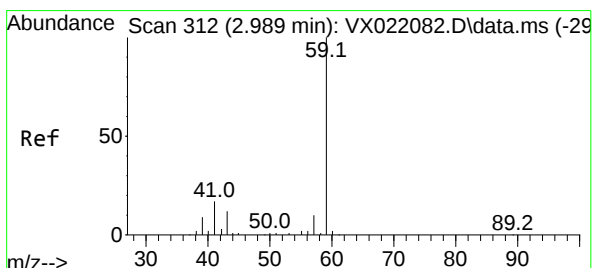
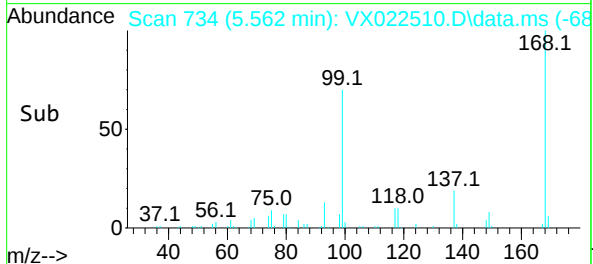
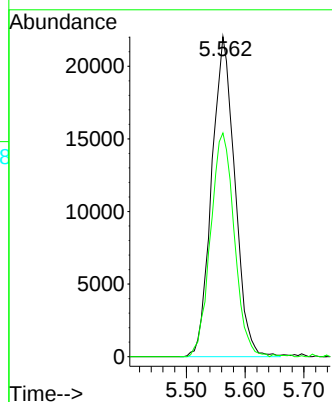


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04

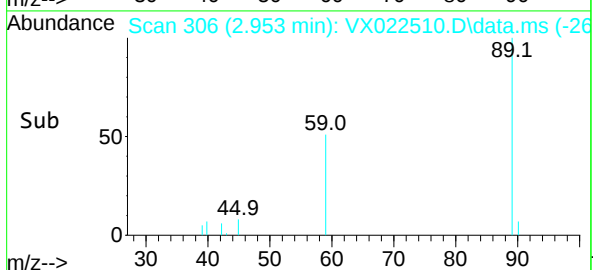
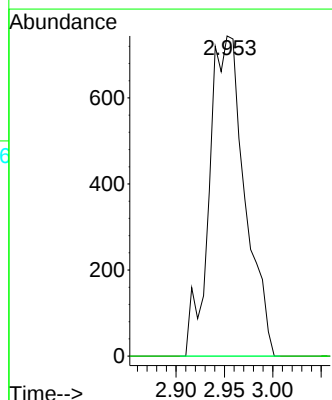
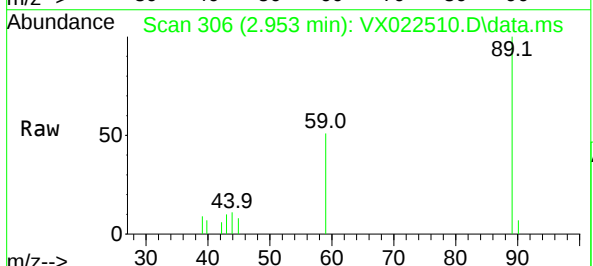


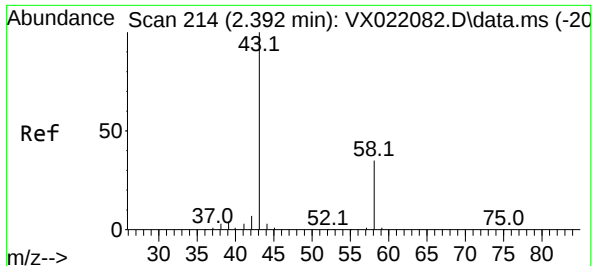
Tgt Ion:168 Resp: 60193
Ion Ratio Lower Upper
168 100
99 69.9 45.8 68.6#



#11
Tert butyl alcohol
Concen: 8.961 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Tgt Ion: 59 Resp: 1903
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

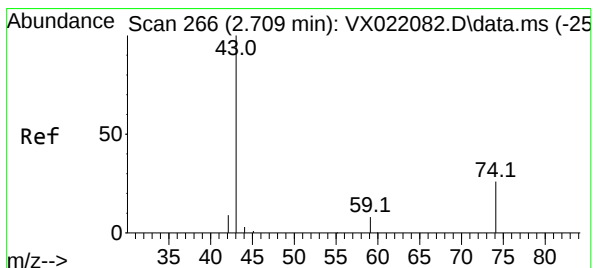
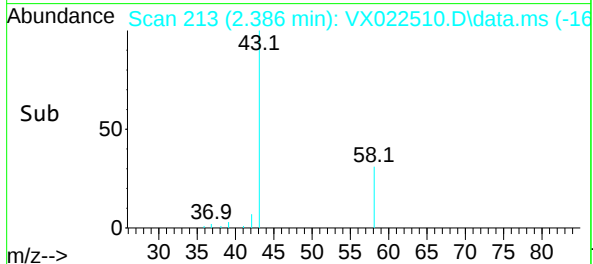
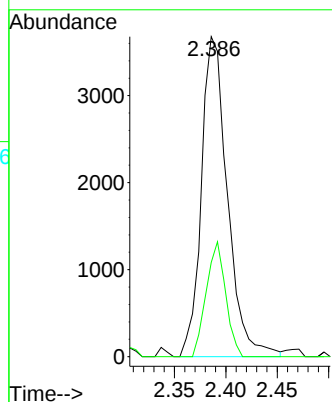
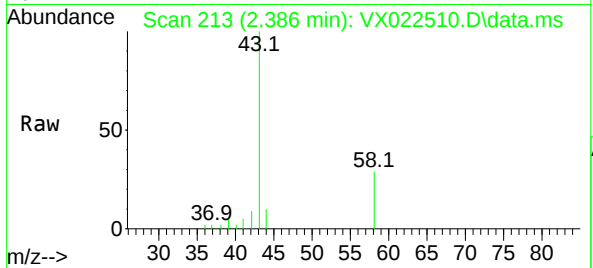




#16
Acetone
Concen: 16.082 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

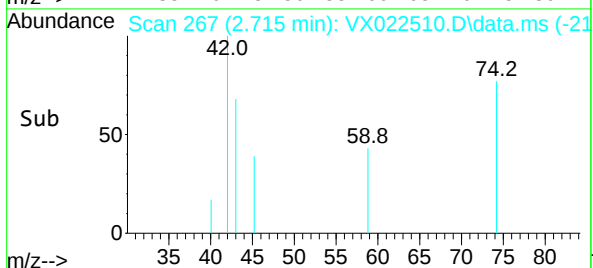
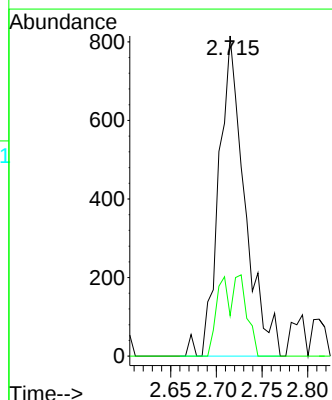
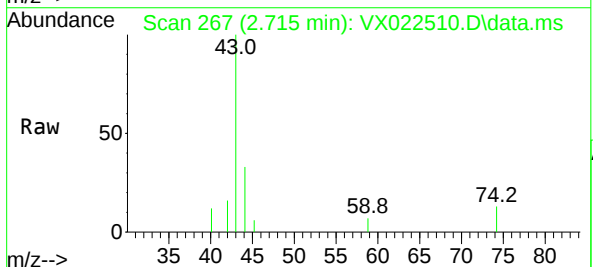
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04

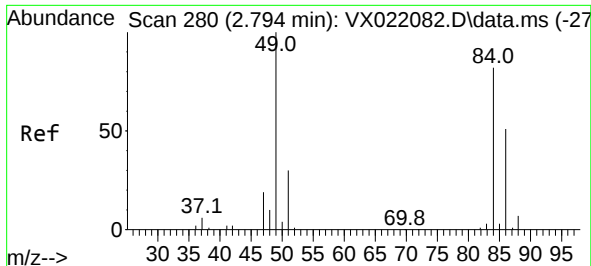
Tgt Ion: 43 Resp: 6502
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#18
Methyl Acetate
Concen: 1.496 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
74 12.5 21.9 32.9#





#20

Methylene Chloride

Concen: 6.073 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022510.D

Acq: 07 Jun 2021 04:43

Tgt Ion: 84 Resp: 5452

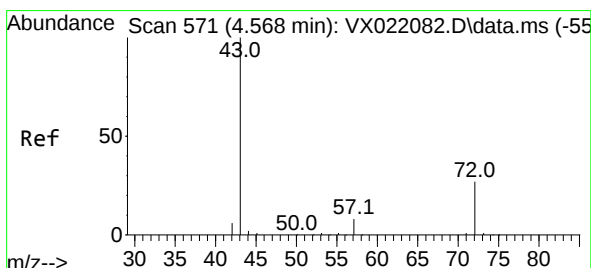
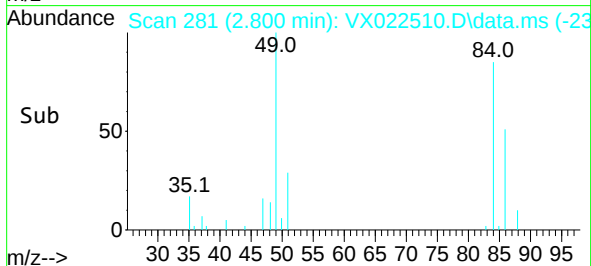
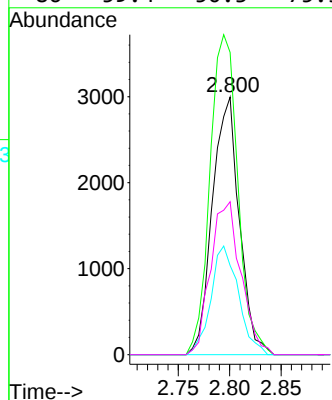
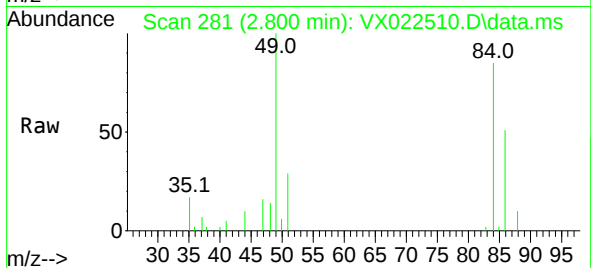
Ion Ratio Lower Upper

84 100

49 117.4 88.6 132.8

51 34.6 27.0 40.6

86 59.4 50.3 75.5



#25

2-Butanone

Concen: 3.877 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022510.D

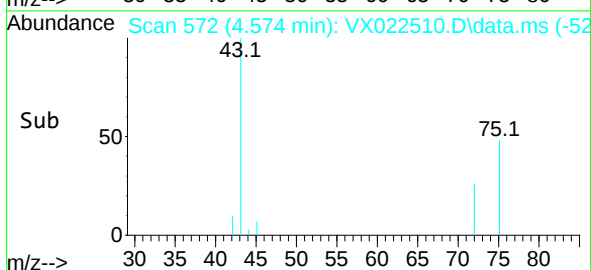
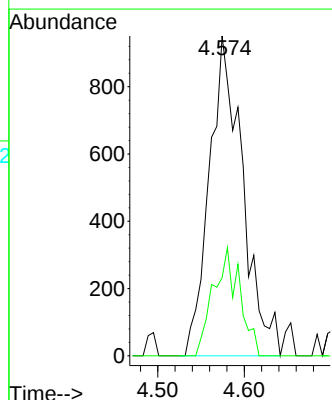
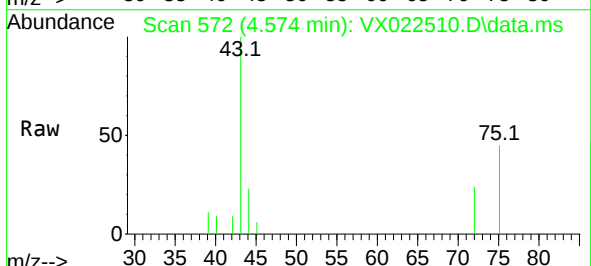
Acq: 07 Jun 2021 04:43

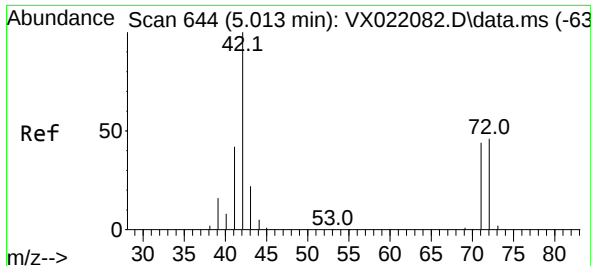
Tgt Ion: 43 Resp: 2536

Ion Ratio Lower Upper

43 100

72 24.4 23.7 35.5





#29

Tetrahydrofuran

Concen: 2.312 ug/l

RT: 5.026 min Scan# 646

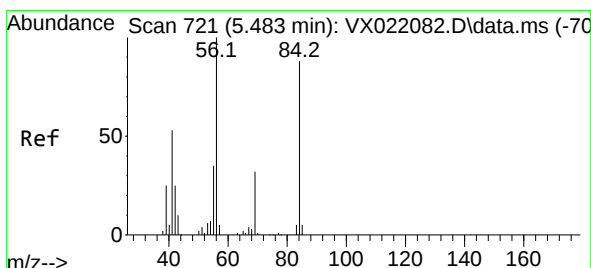
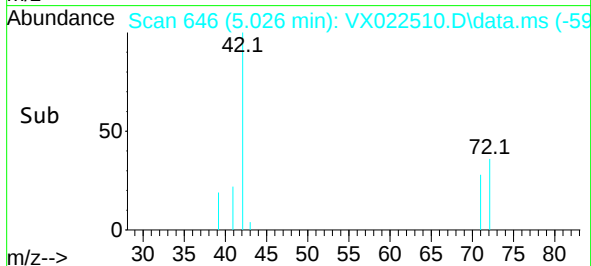
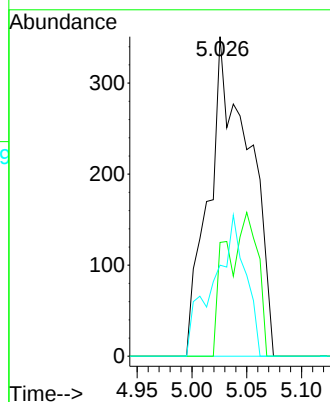
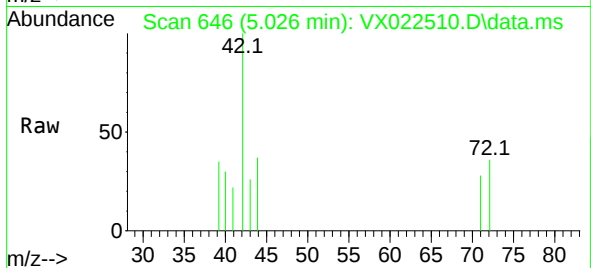
Delta R.T. 0.013 min

Lab File: VX022510.D

Acq: 07 Jun 2021 04:43

Tgt Ion:	42	Resp:	900
Ion	Ratio	Lower	Upper
42	100		
72	13.8	41.7	62.5#
71	35.4	38.4	57.6#

Instrument :
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ClientSampleId :
PB136857ZHE#04



#31

Cyclohexane

Concen: 1.723 ug/l

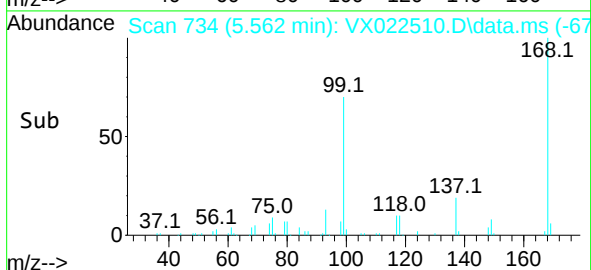
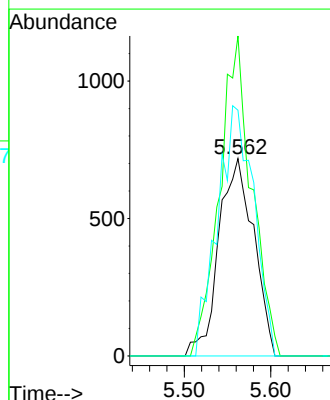
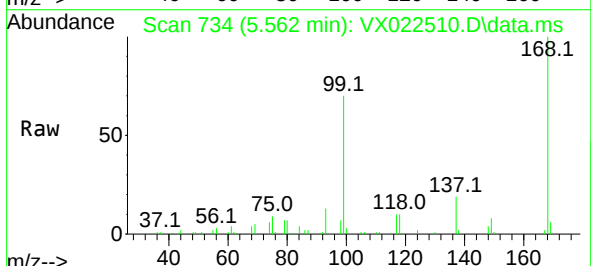
RT: 5.562 min Scan# 734

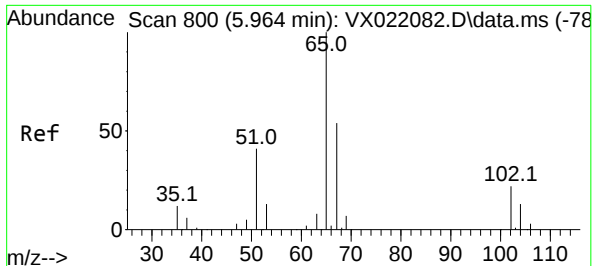
Delta R.T. 0.079 min

Lab File: VX022510.D

Acq: 07 Jun 2021 04:43

Tgt Ion:	56	Resp:	2010
Ion	Ratio	Lower	Upper
56	100		
69	162.1	25.3	37.9#
84	124.5	71.4	107.0#



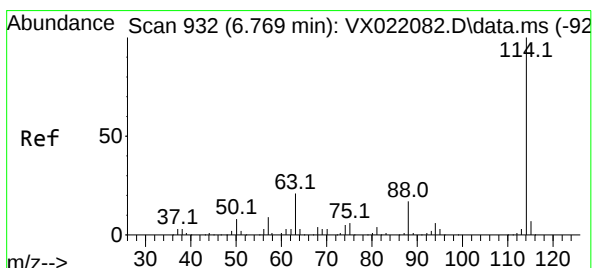
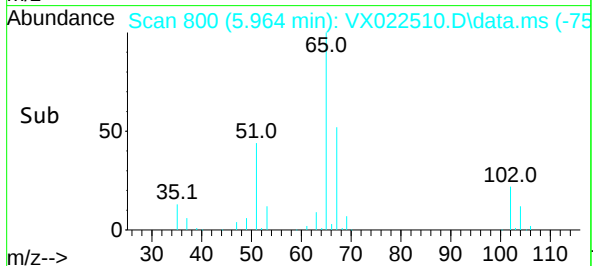
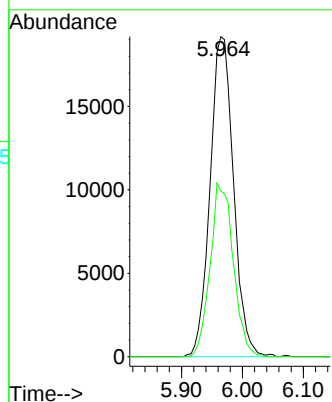
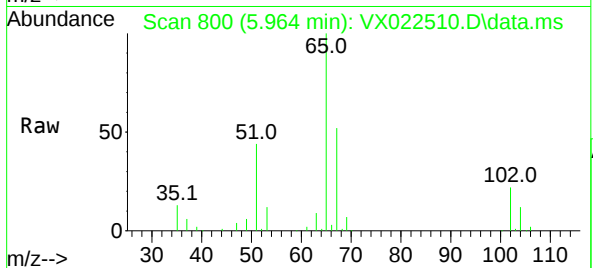


#33

1,2-Dichloroethane-d4
Concen: 55.268 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Instrument :
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ClientSampleId :
PB136857ZHE#04

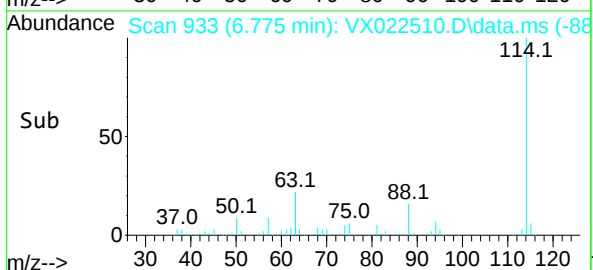
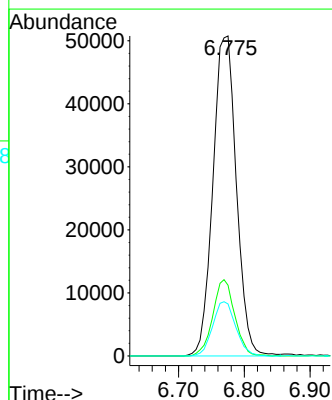
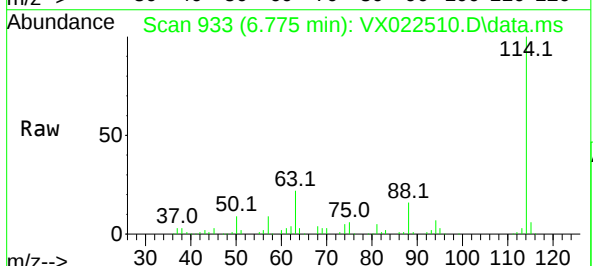
Tgt Ion: 65 Resp: 51317
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

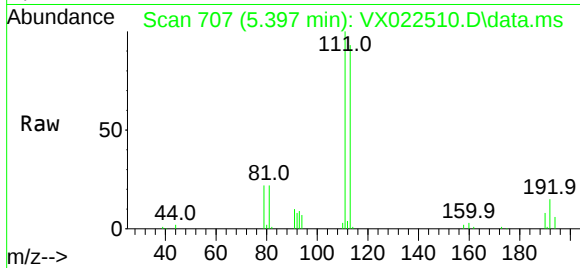
Tgt Ion: 114 Resp: 125931
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 16.3 0.0 32.8



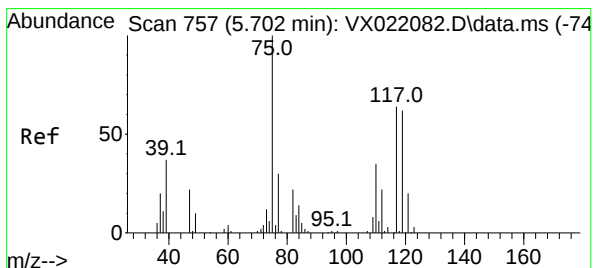
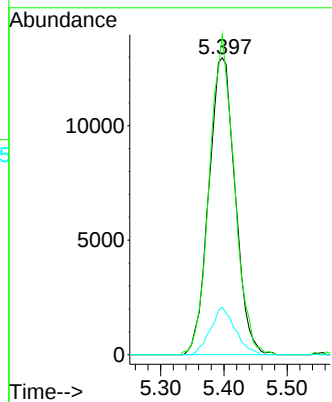
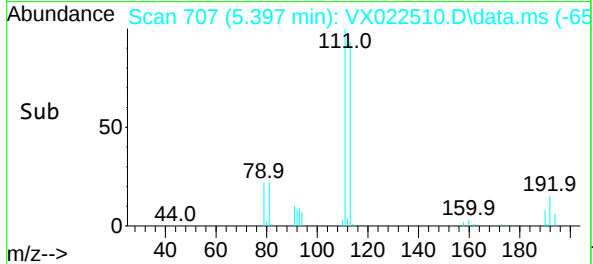


#35
Dibromofluoromethane
Concen: 47.041 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

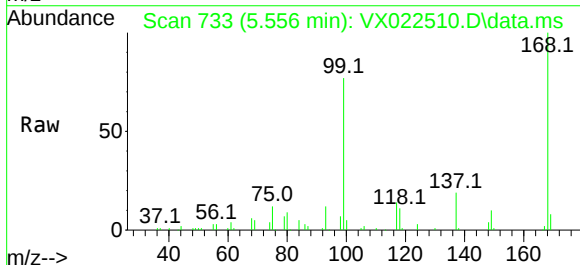
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04



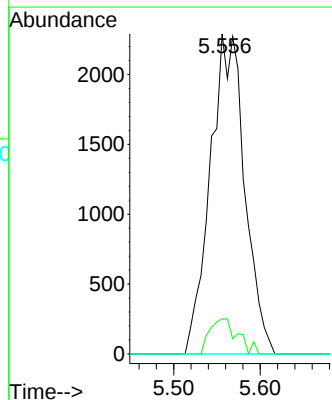
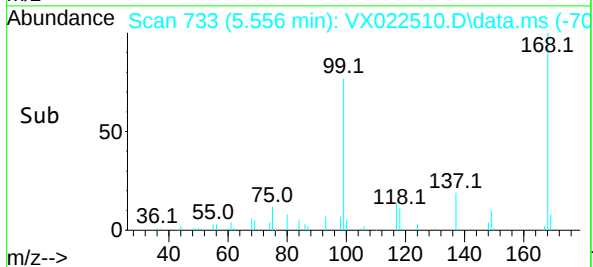
Tgt Ion:113 Resp: 37567
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 15.0 16.7 25.1#

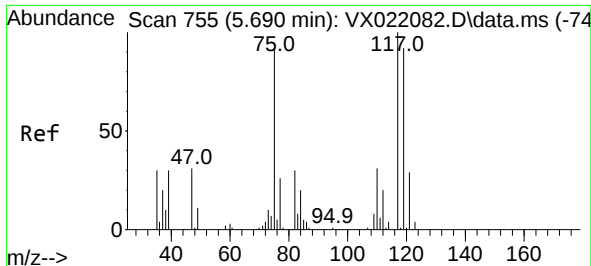


#36
1,1-Dichloropropene
Concen: 5.435 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43



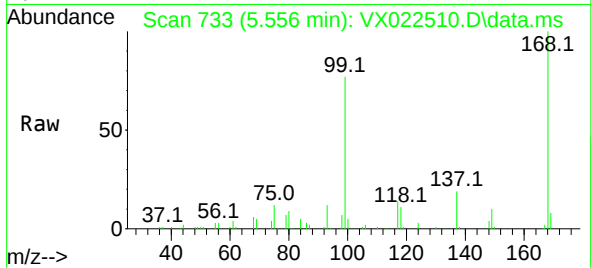
Tgt Ion: 75 Resp: 6329
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



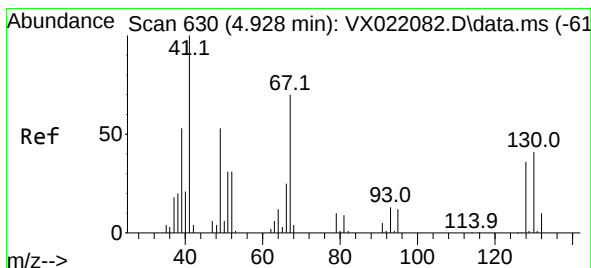
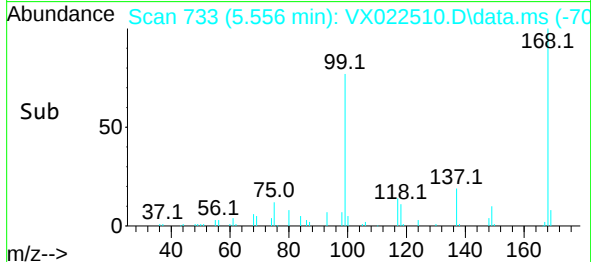
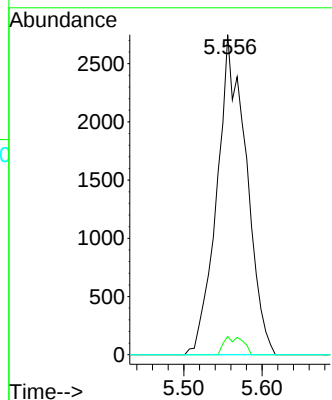


#38
Carbon Tetrachloride
Concen: 6.278 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04

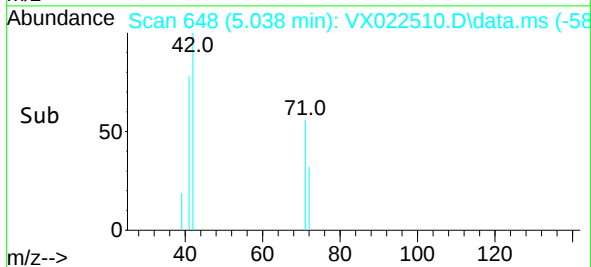
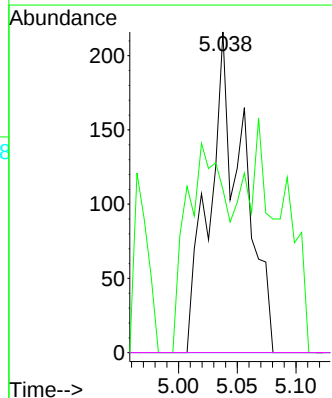
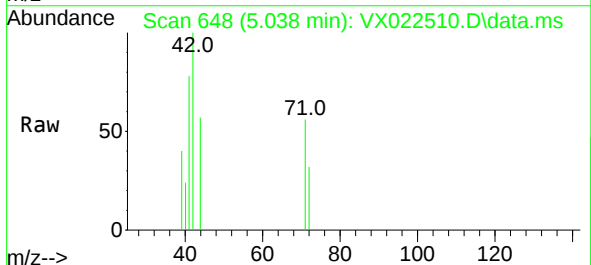


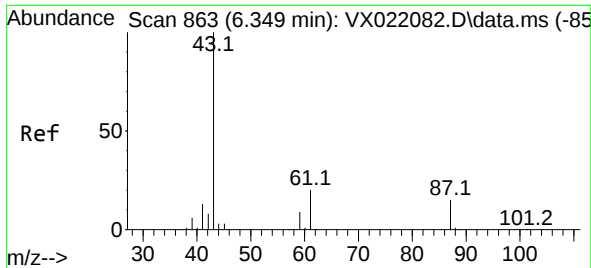
Tgt Ion:117 Resp: 7151
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.568 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Tgt Ion: 41 Resp: 434
Ion Ratio Lower Upper
41 100
39 73.7 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

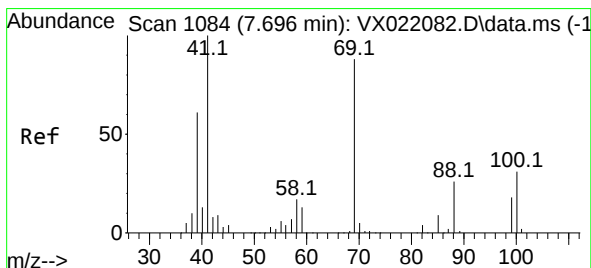
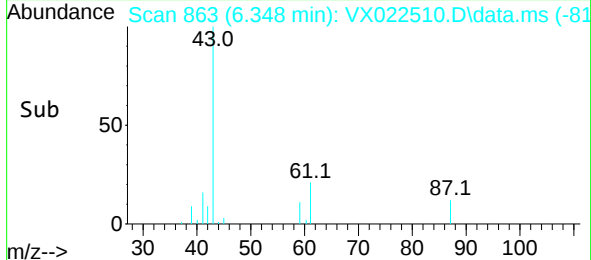
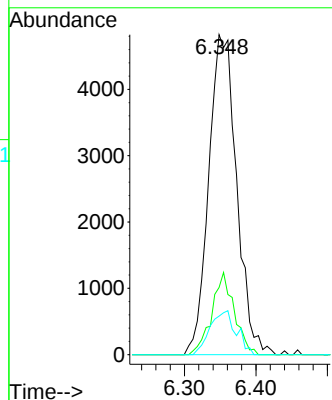
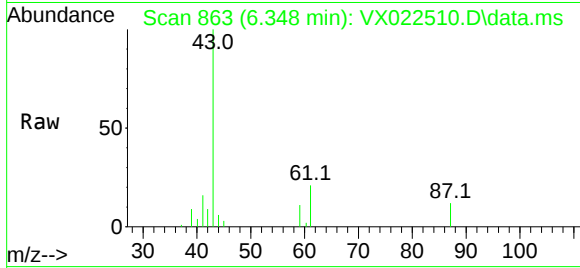




#43
Isopropyl Acetate
Concen: 5.595 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

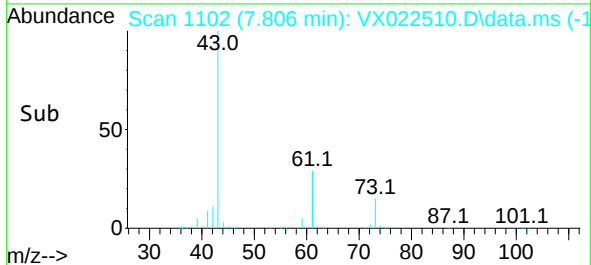
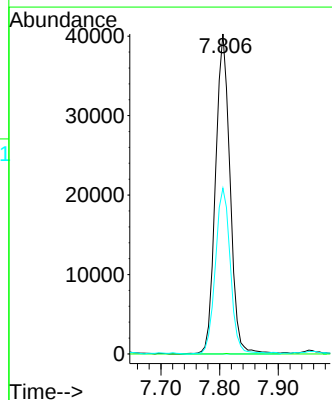
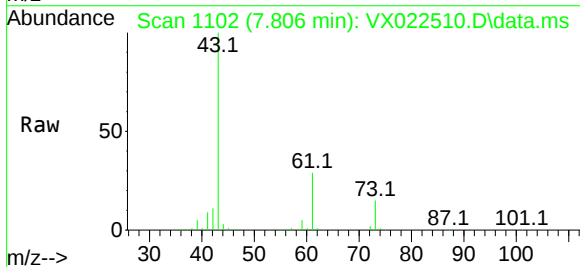
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04

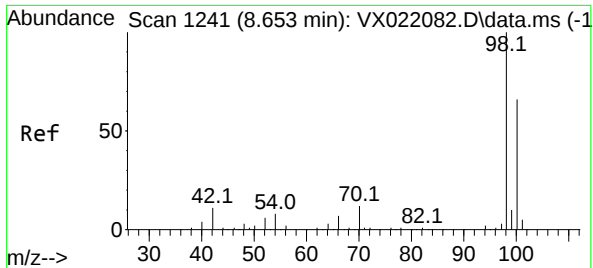
Tgt Ion: 43	Resp: 13063
Ion Ratio	Lower Upper
43 100	
61 20.7	18.2 27.4
87 12.9	12.5 18.7



#48
Methyl methacrylate
Concen: 64.359 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.110 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Tgt Ion: 41	Resp: 69252
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 53.2	44.6 67.0

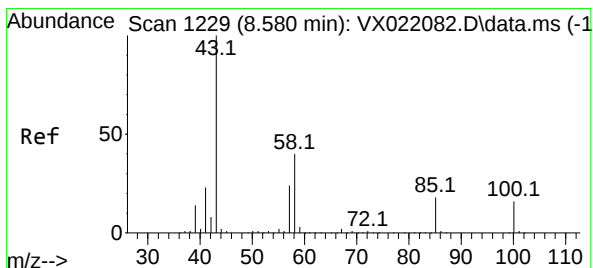
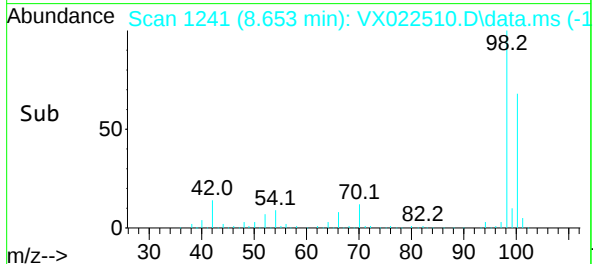
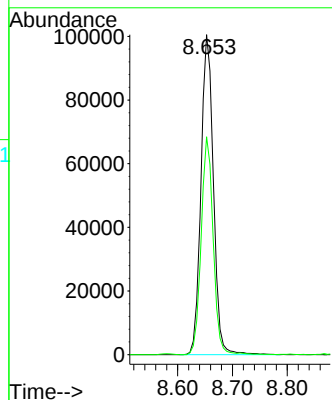
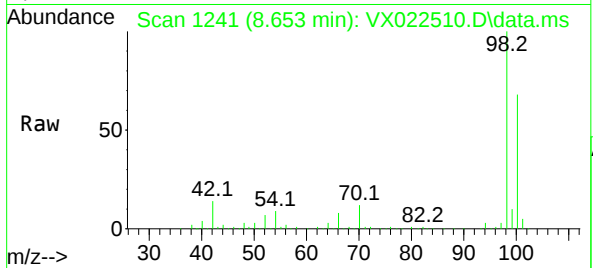




#50
Toluene-d8
Concen: 51.609 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

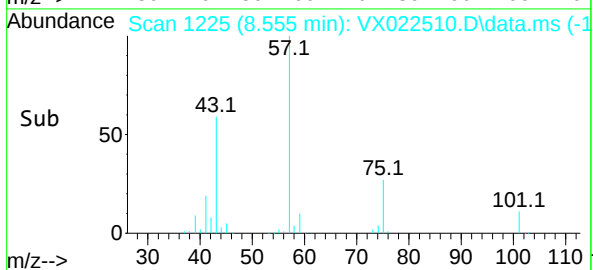
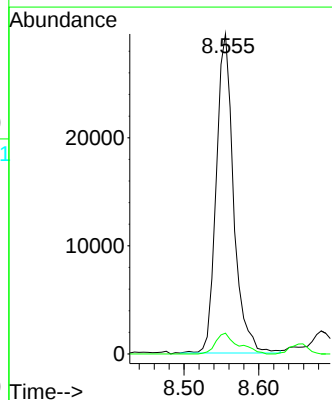
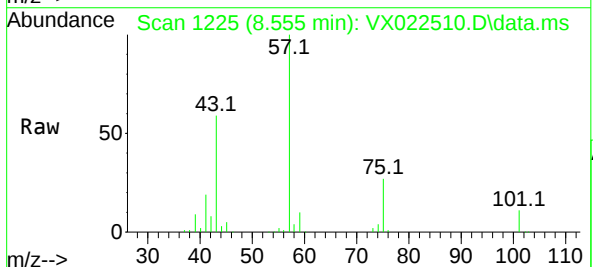
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04

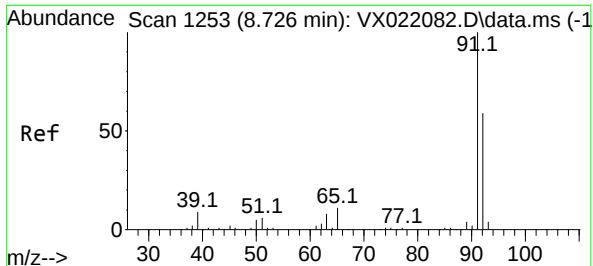
Tgt Ion: 98 Resp: 158764
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 34.047 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Tgt Ion: 43 Resp: 47618
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#

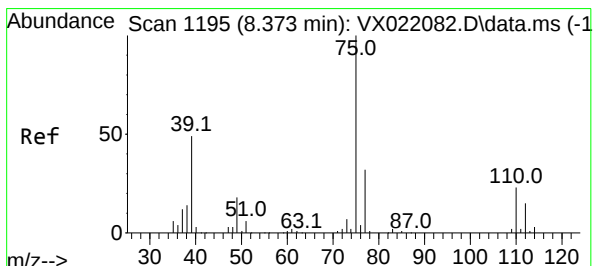
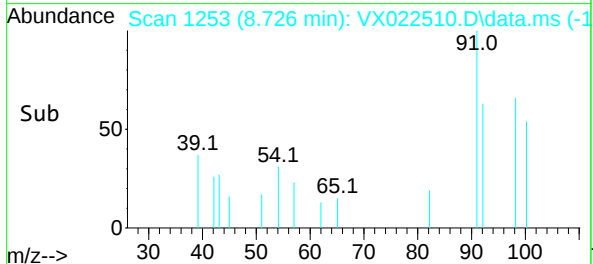
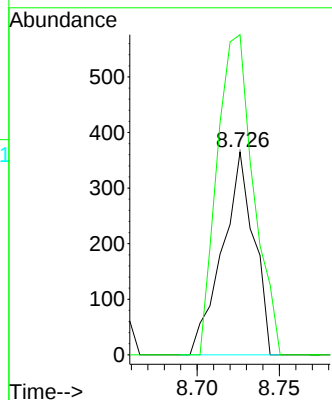
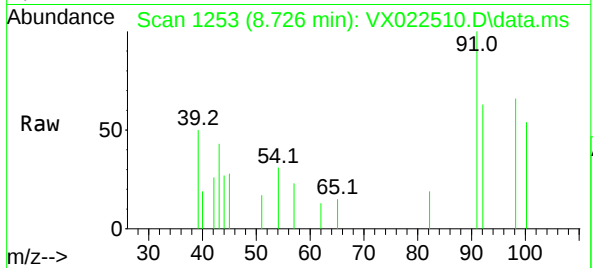




#52
Toluene
Concen: 0.215 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

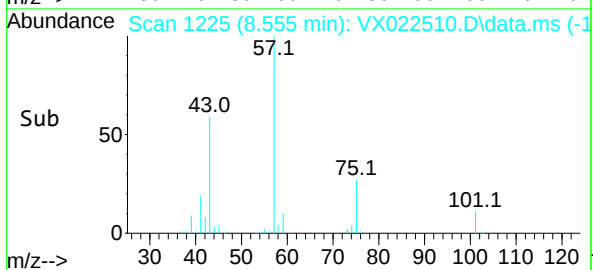
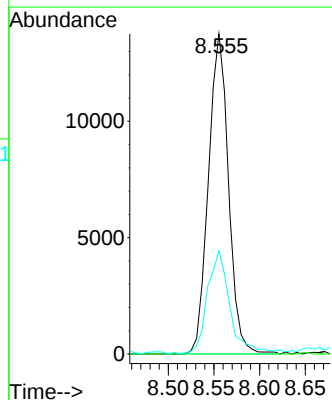
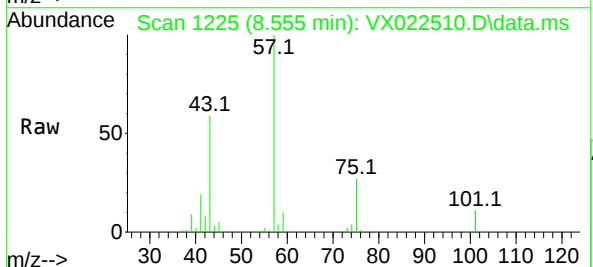
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04

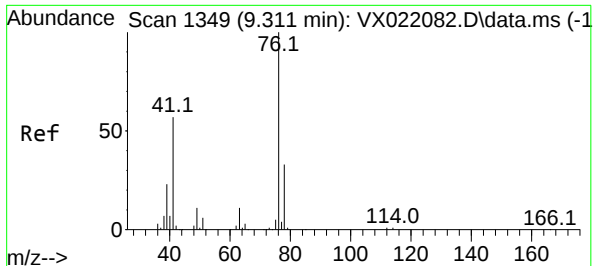
Tgt Ion: 92 Resp: 487
Ion Ratio Lower Upper
92 100
91 181.7 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 13.649 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Tgt Ion: 75 Resp: 21017
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 32.3 35.1 52.7#



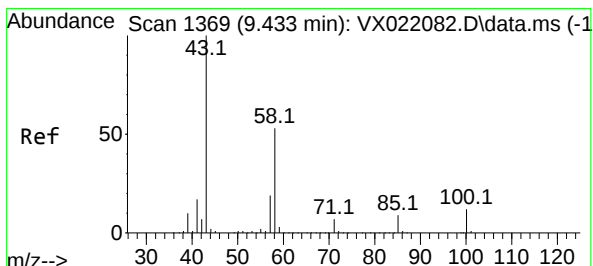
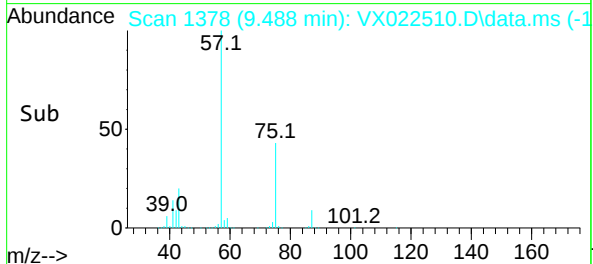
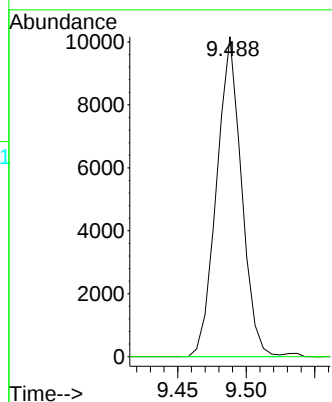
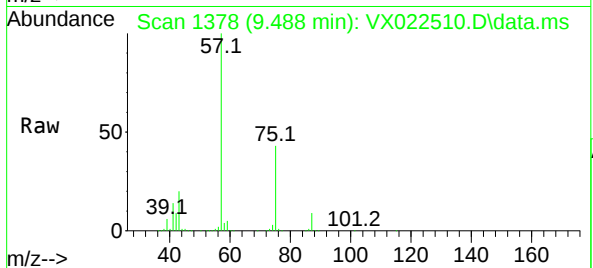


#57

1,3-Dichloropropane
Concen: 8.152 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04

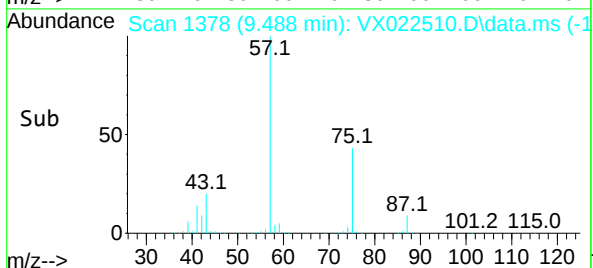
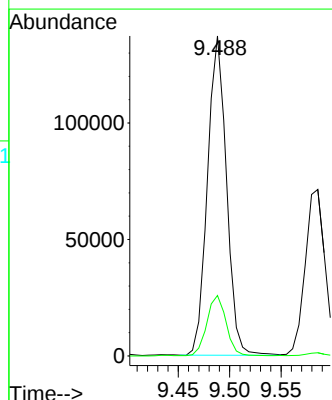
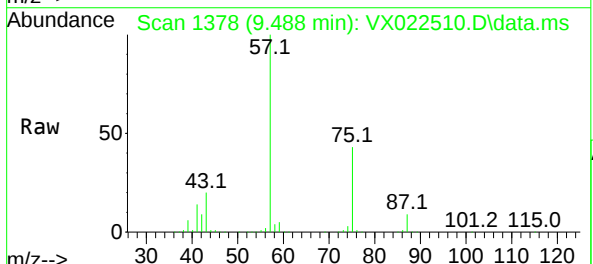
Tgt Ion: 76 Resp: 12820
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

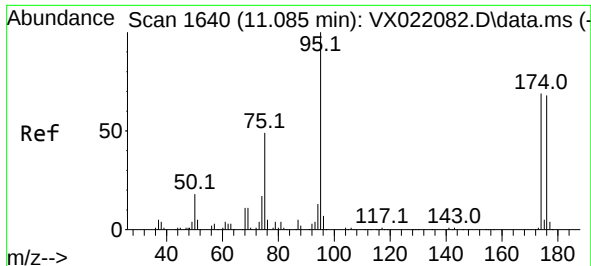


#59

2-Hexanone
Concen: 167.802 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Tgt Ion: 43 Resp: 176512
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#

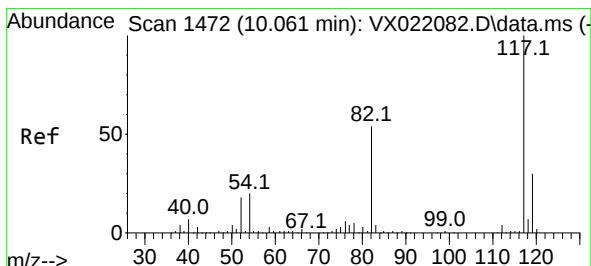
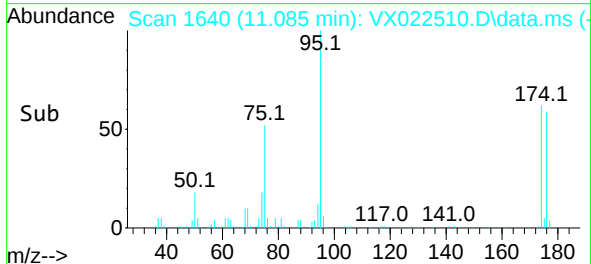
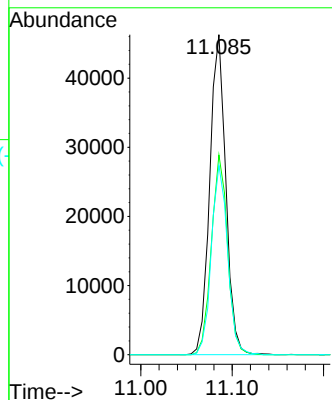
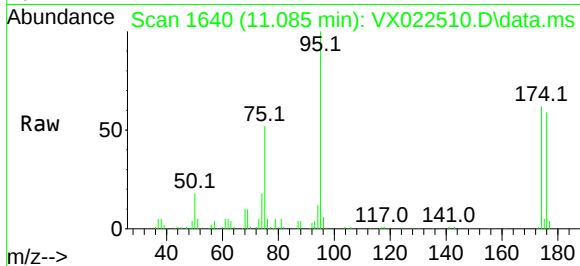




#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

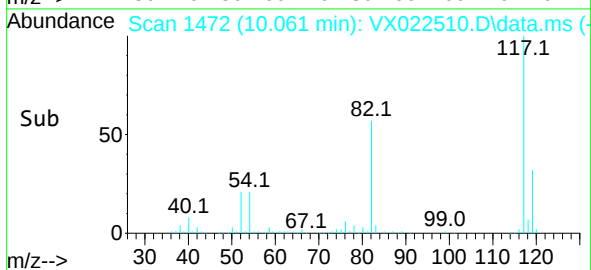
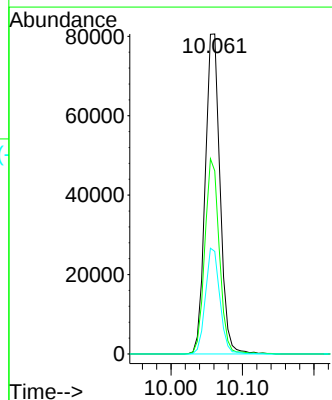
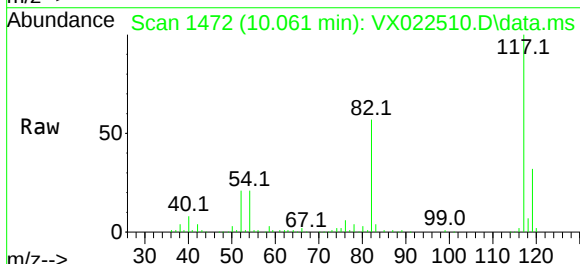
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#04

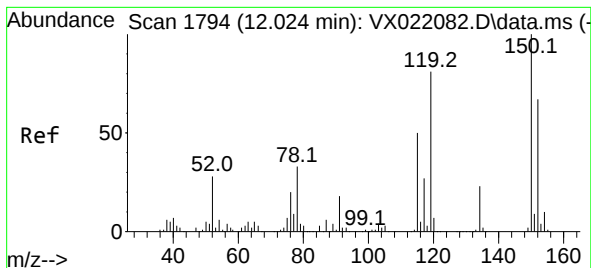
Tgt Ion: 95 Resp: 56529
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022510.D
Acq: 07 Jun 2021 04:43

Tgt Ion: 117 Resp: 115915
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.0 26.6 39.8

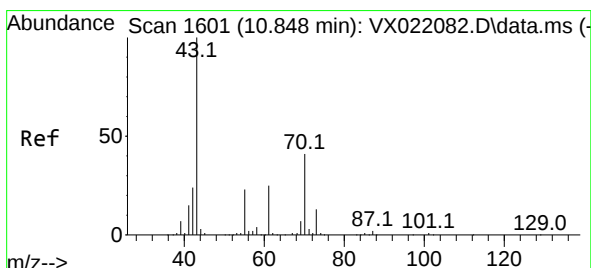
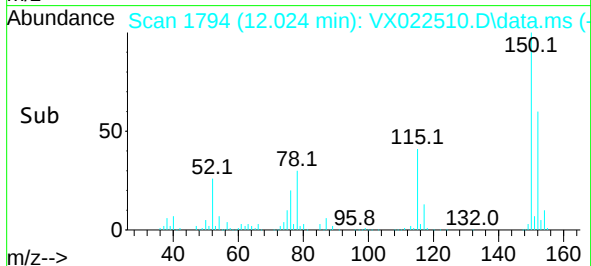
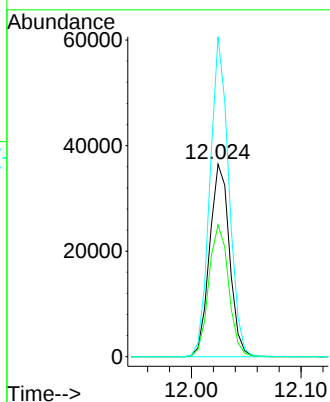
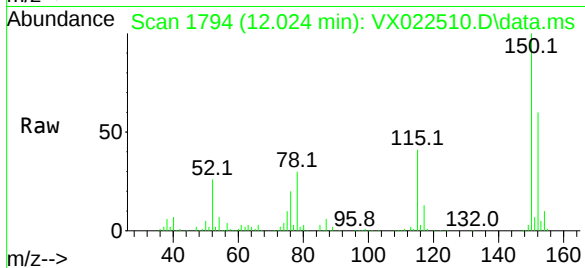




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022510.D
 Acq: 07 Jun 2021 04:43

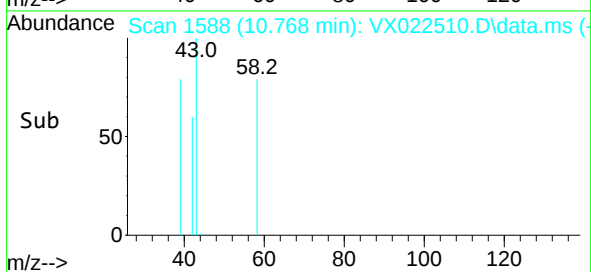
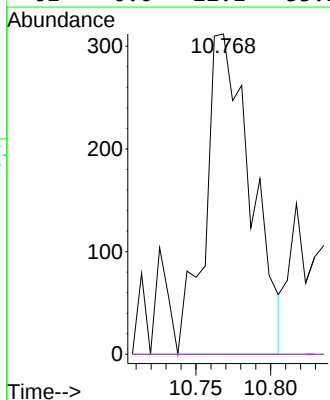
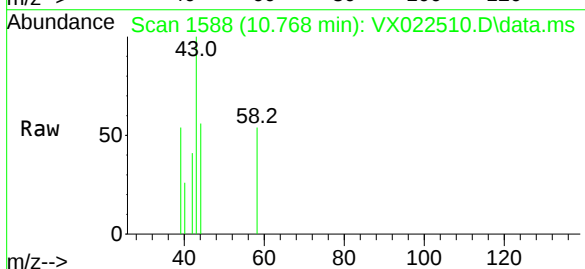
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#04

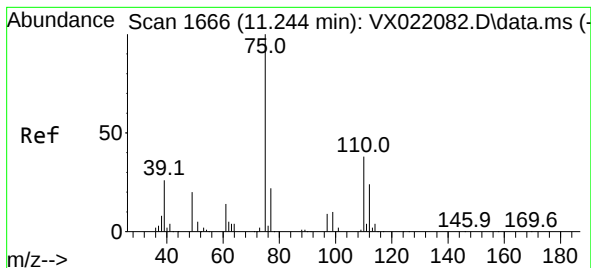
Tgt Ion:152 Resp: 46013
 Ion Ratio Lower Upper
 152 100
 115 68.0 41.1 123.3
 150 157.2 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.357 ug/l
 RT: 10.768 min Scan# 1588
 Delta R.T. -0.080 min
 Lab File: VX022510.D
 Acq: 07 Jun 2021 04:43

Tgt Ion: 43 Resp: 659
 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: 26.129 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022510.D

Acq: 07 Jun 2021 04:43

Tgt Ion: 75 Resp: 29660

Ion Ratio Lower Upper

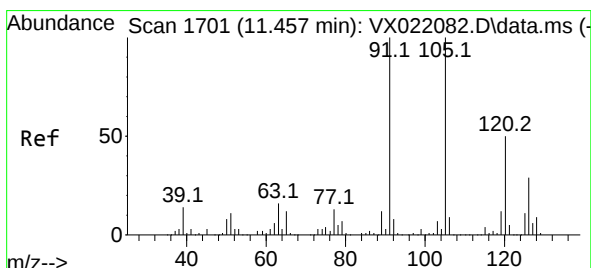
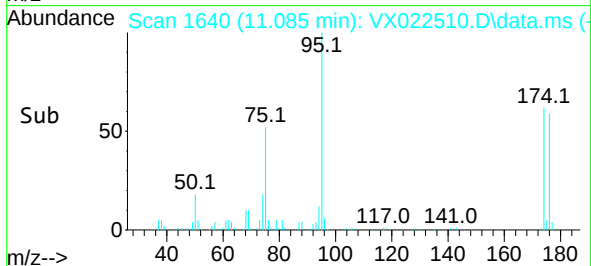
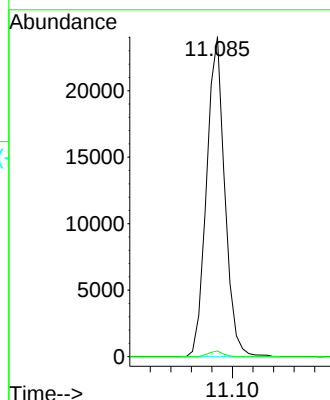
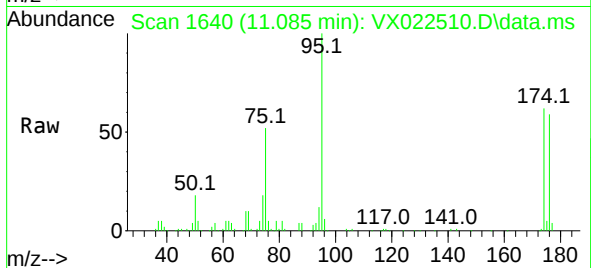
75 100
77 1.4 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

PB136857ZHE#04



#80

1,3,5-Trimethylbenzene

Concen: 0.263 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

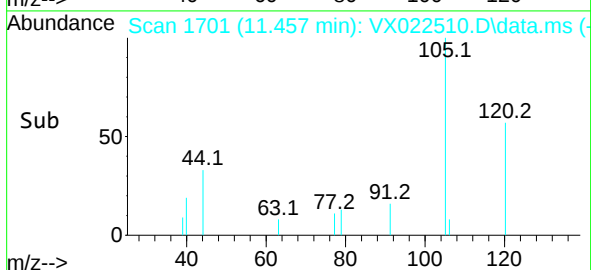
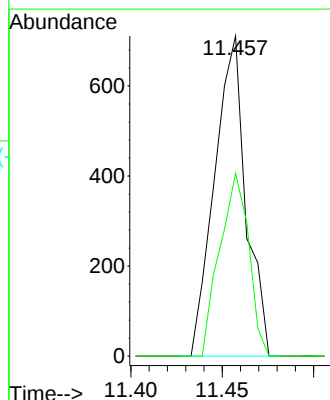
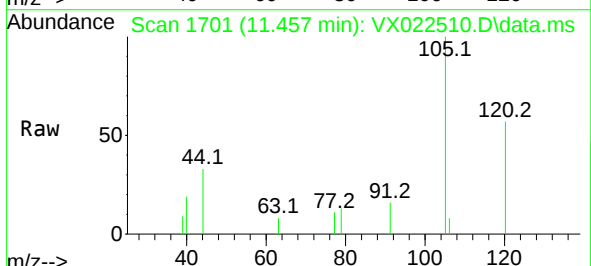
Lab File: VX022510.D

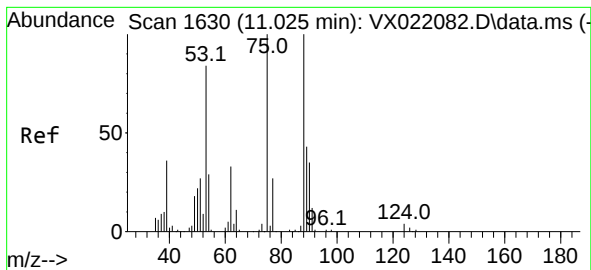
Acq: 07 Jun 2021 04:43

Tgt Ion:105 Resp: 848

Ion Ratio Lower Upper

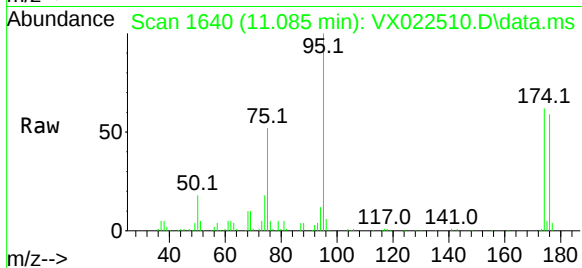
105 100
120 52.9 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.908 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022510.D
 Acq: 07 Jun 2021 04:43

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#04



Tgt Ion: 75 Resp: 29660
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

