

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022512.D
 Acq On : 07 Jun 2021 05:30
 Operator : JC/MD
 Sample : PB136857ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#06

Quant Time: Jun 07 06:19:30 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)

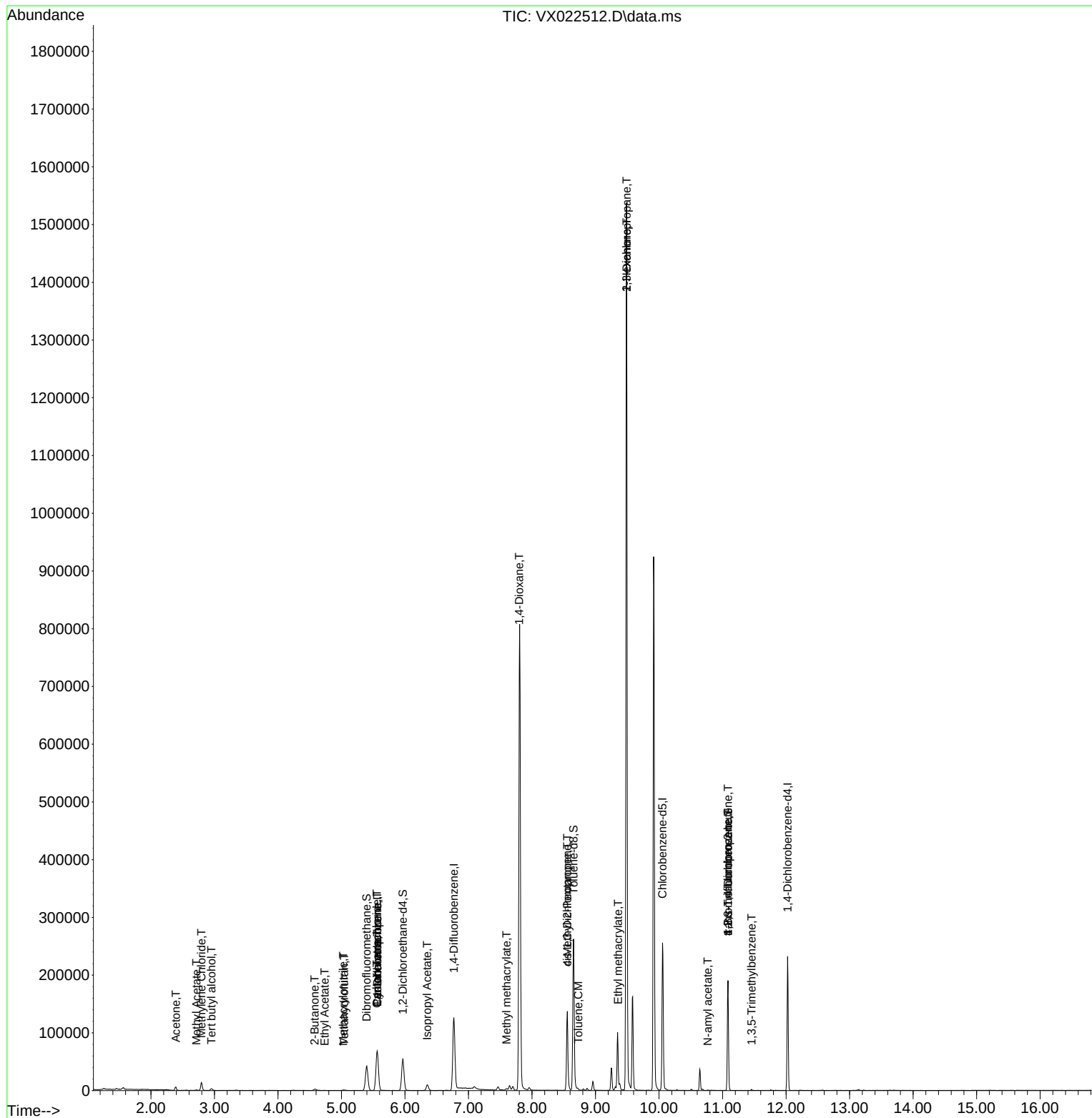
Internal Standards						
1) Pentafluorobenzene	5.562	168	57883	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	120642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49275	55.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.380%	
35) Dibromofluoromethane	5.397	113	34780	45.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.920%	
50) Toluene-d8	8.653	98	148369	50.344	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.085	95	52192	47.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.820%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	2218	10.861	ug/l	# 73
16) Acetone	2.392	43	6130	15.767	ug/l	97
18) Methyl Acetate	2.715	43	1819	1.759	ug/l	# 78
20) Methylene Chloride	2.794	84	5563	6.444	ug/l	# 87
25) 2-Butanone	4.574	43	2663	4.234	ug/l	# 69
29) Tetrahydrofuran	5.044	42	926	2.474	ug/l	# 54
31) Cyclohexane	5.562	56	1792	1.597	ug/l	# 25
36) 1,1-Dichloropropene	5.562	75	5710	5.118	ug/l	# 49
37) Ethyl Acetate	4.733	43	330	0.241	ug/l	# 64
38) Carbon Tetrachloride	5.556	117	6720	6.158	ug/l	# 16
41) Methacrylonitrile	5.025	41	382	0.522	ug/l	# 39
43) Isopropyl Acetate	6.348	43	13691	6.121	ug/l	# 93
48) Methyl methacrylate	7.598	41	4204	4.078	ug/l	# 10
49) 1,4-Dioxane	7.799	88	44	2.192	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	48369	36.100	ug/l	# 44
52) Toluene	8.726	92	484	0.223	ug/l	88
54) cis-1,3-Dichloropropene	8.555	75	21575	14.625	ug/l	# 63
56) Ethyl methacrylate	9.354	69	357	0.250	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	12876	8.546	ug/l	# 43
59) 2-Hexanone	9.488	43	177010	175.652	ug/l	# 43
74) N-amyl acetate	10.768	43	596	0.369	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	27584	27.791	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	840	0.298	ug/l	84
81) trans-1,4-Dichloro-2-b...	11.085	75	27584	65.847	ug/l	# 12

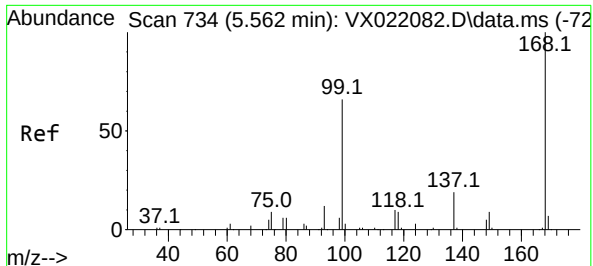
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jun 07 06:19:30 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

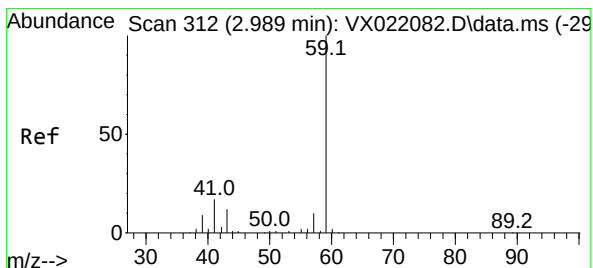
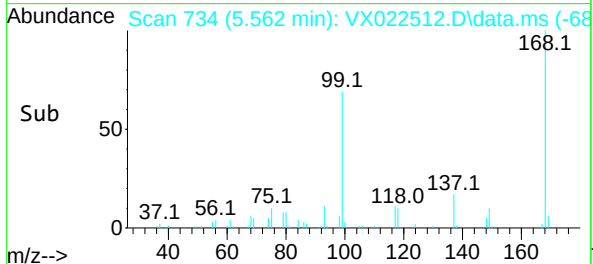
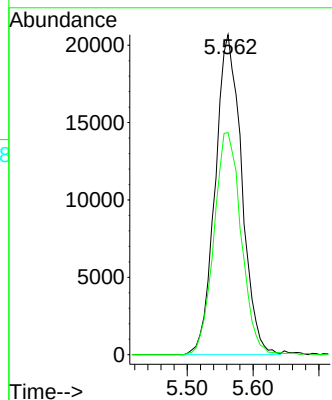
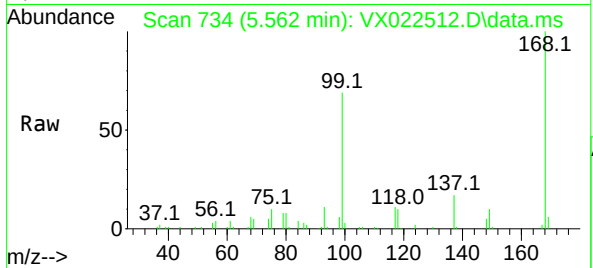




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

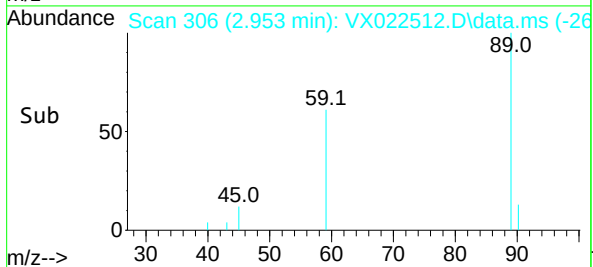
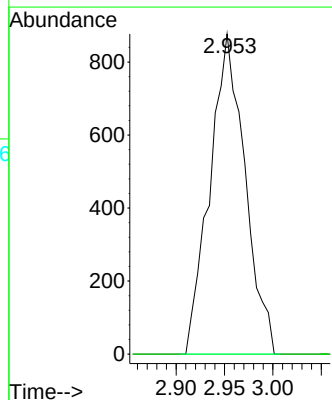
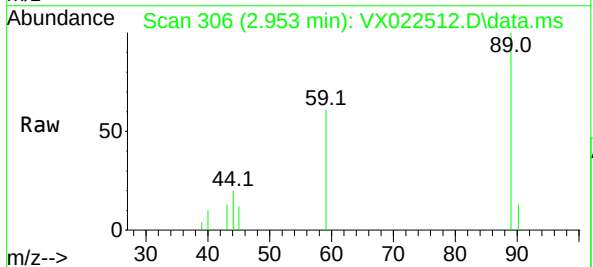
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

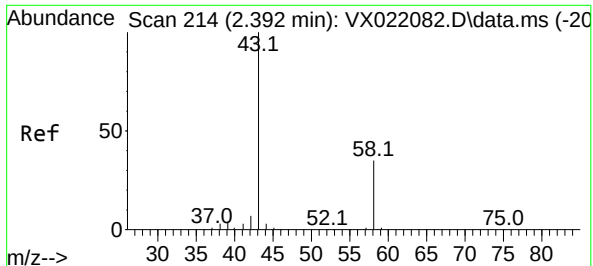
Tgt Ion:168 Resp: 57883
Ion Ratio Lower Upper
168 100
99 69.4 45.8 68.6#



#11
Tert butyl alcohol
Concen: 10.861 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 59 Resp: 2218
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

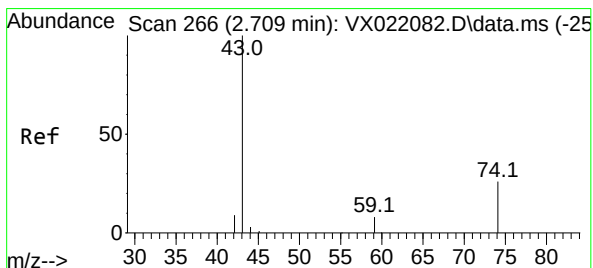
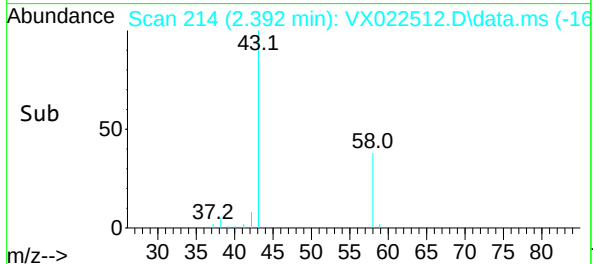
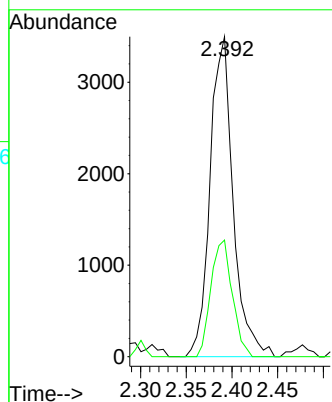
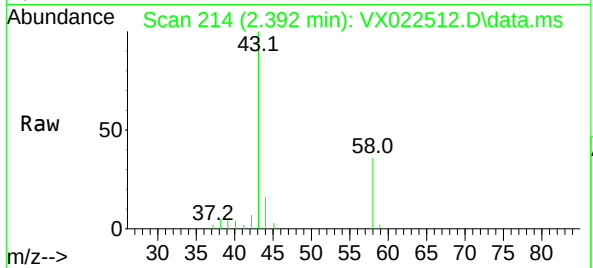




#16
Acetone
Concen: 15.767 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

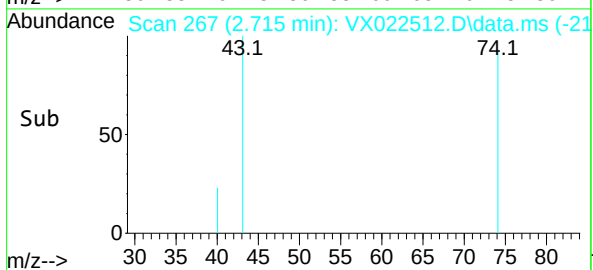
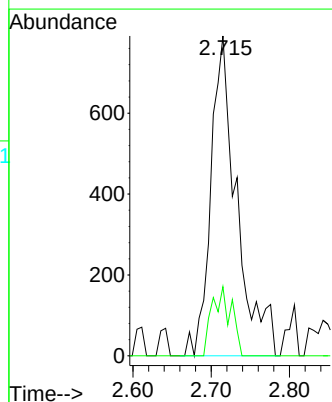
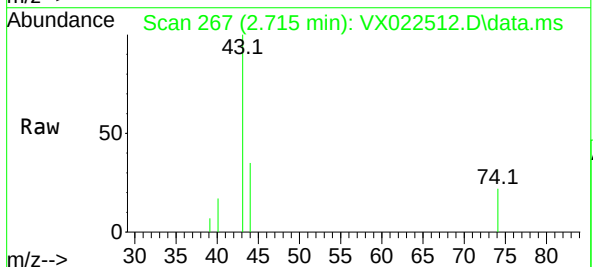
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

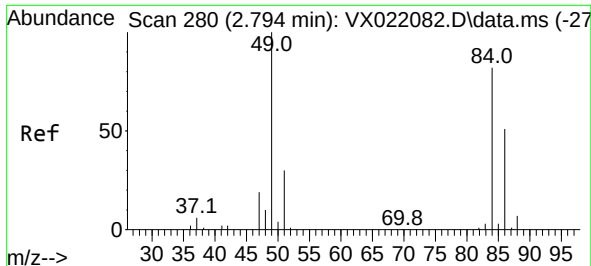
Tgt Ion: 43 Resp: 6130
Ion Ratio Lower Upper
43 100
58 36.4 27.8 41.8



#18
Methyl Acetate
Concen: 1.759 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
74 16.0 21.9 32.9#

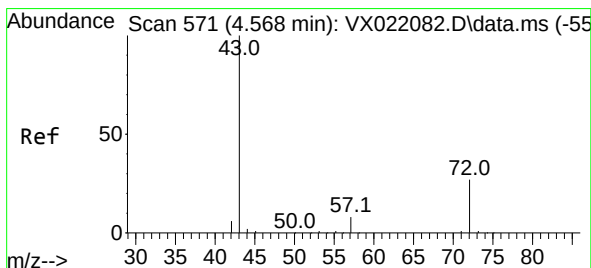
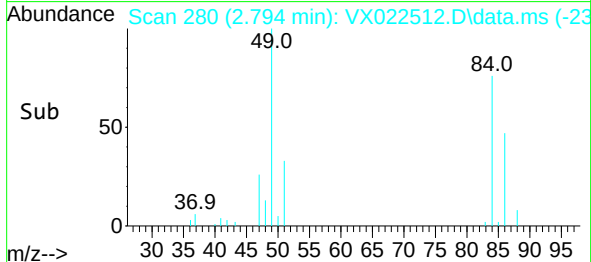
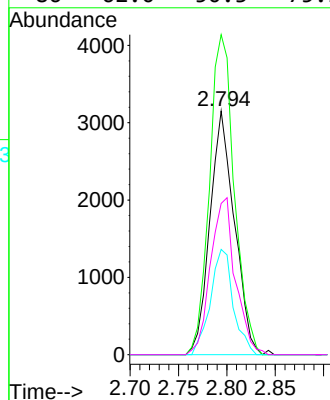
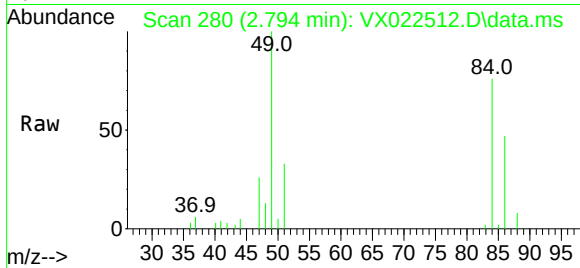




#20
Methylene Chloride
Concen: 6.444 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

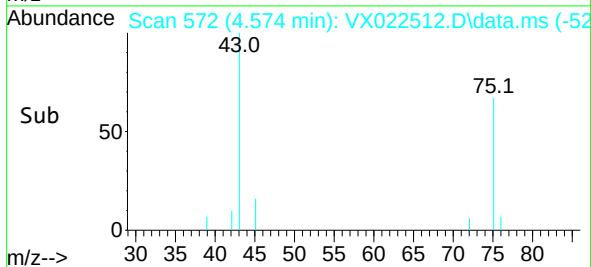
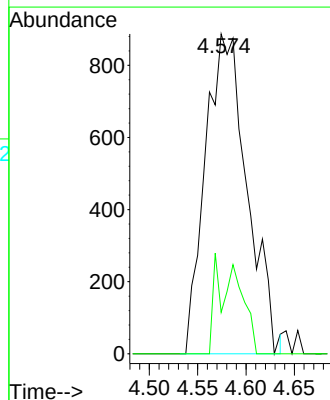
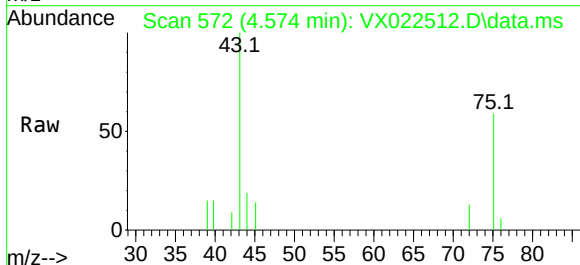
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

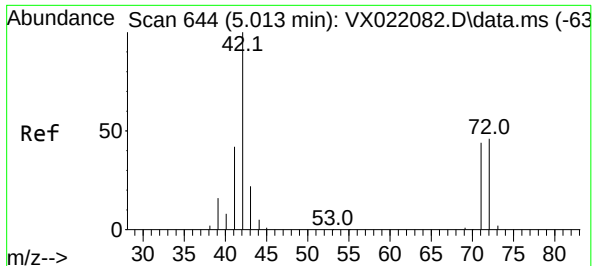
Tgt Ion:	84	Resp:	5563
Ion	Ratio	Lower	Upper
84	100		
49	131.3	88.6	132.8
51	43.2	27.0	40.6#
86	62.0	50.3	75.5



#25
2-Butanone
Concen: 4.234 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion:	43	Resp:	2663
Ion	Ratio	Lower	Upper
43	100		
72	13.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 2.474 ug/l

RT: 5.044 min Scan# 649

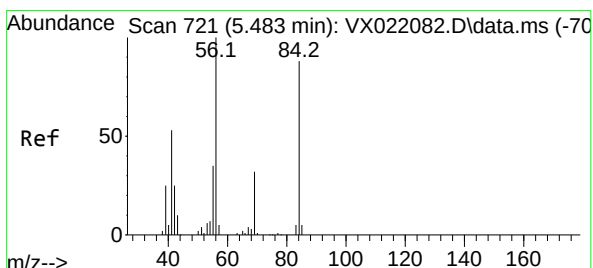
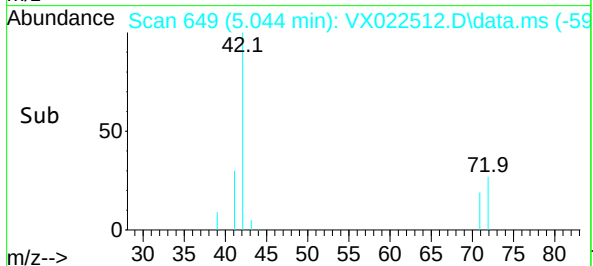
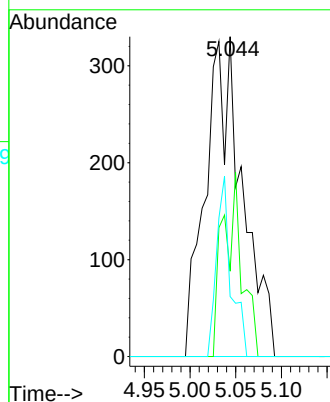
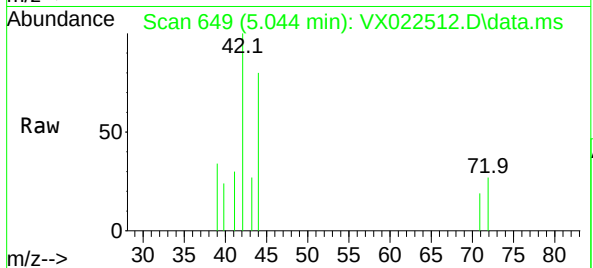
Delta R.T. 0.031 min

Lab File: VX022512.D

Acq: 07 Jun 2021 05:30

Tgt Ion:	42	Resp:	926
Ion	Ratio	Lower	Upper
42	100		
72	14.5	41.7	62.5#
71	22.1	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06



#31

Cyclohexane

Concen: 1.597 ug/l

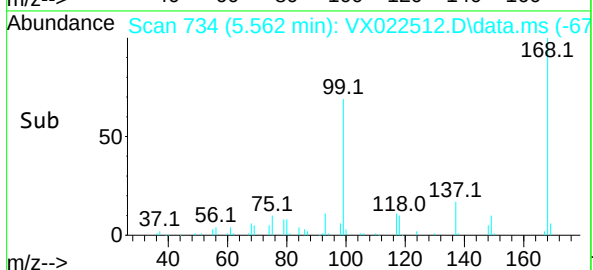
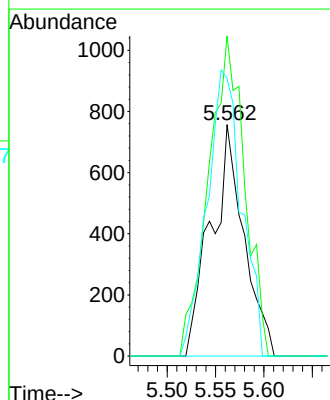
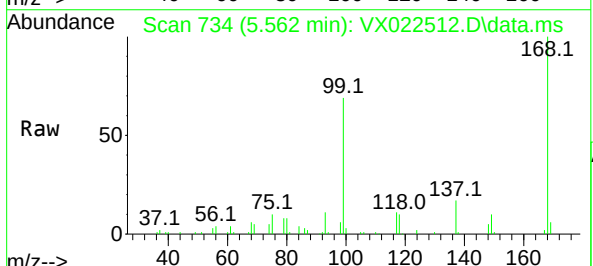
RT: 5.562 min Scan# 734

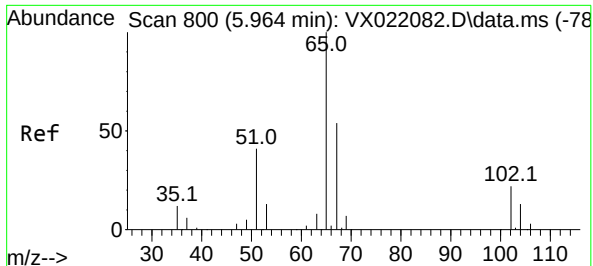
Delta R.T. 0.079 min

Lab File: VX022512.D

Acq: 07 Jun 2021 05:30

Tgt Ion:	56	Resp:	1792
Ion	Ratio	Lower	Upper
56	100		
69	138.3	25.3	37.9#
84	119.9	71.4	107.0#



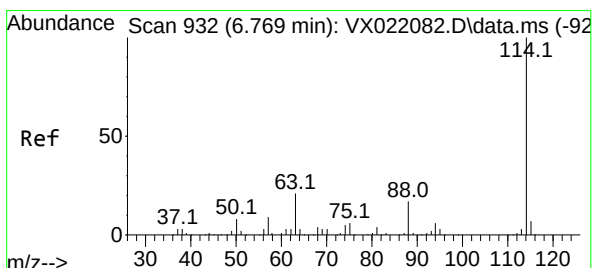
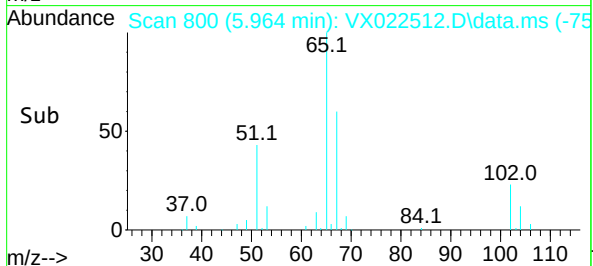
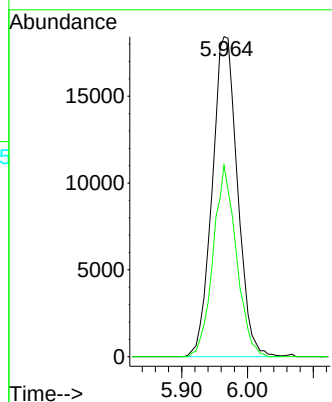
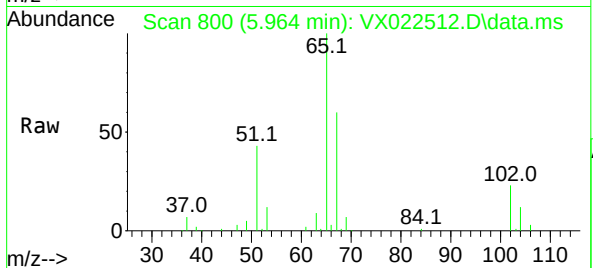


#33

1,2-Dichloroethane-d4
Concen: 55.186 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

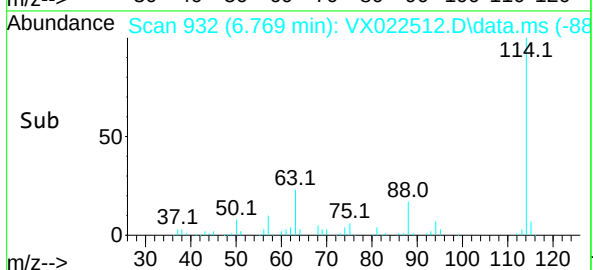
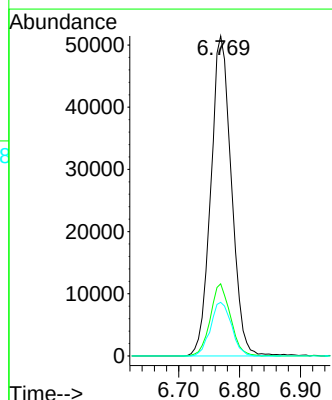
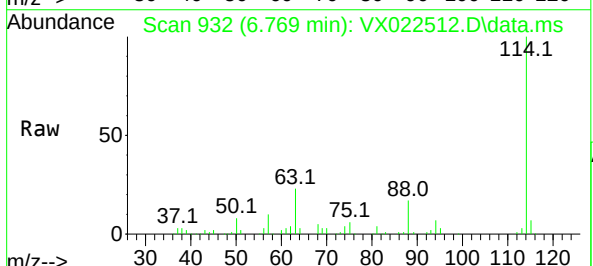
Tgt Ion: 65 Resp: 49275
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.4

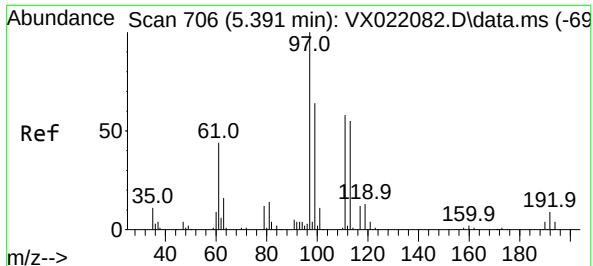


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 114 Resp: 120642
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.7 0.0 32.8

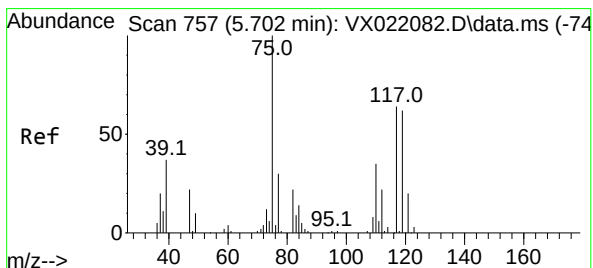
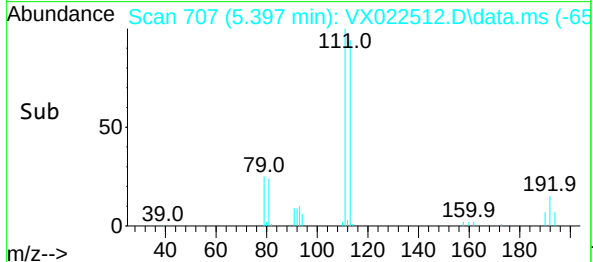
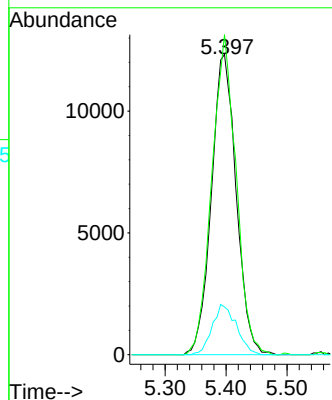
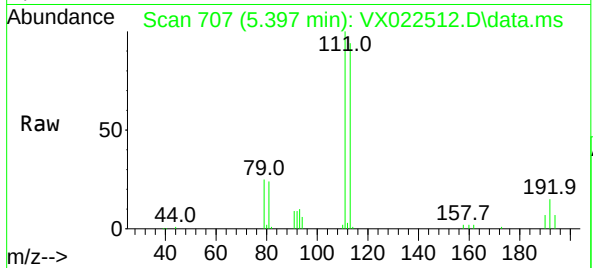




#35
Dibromofluoromethane
Concen: 45.461 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

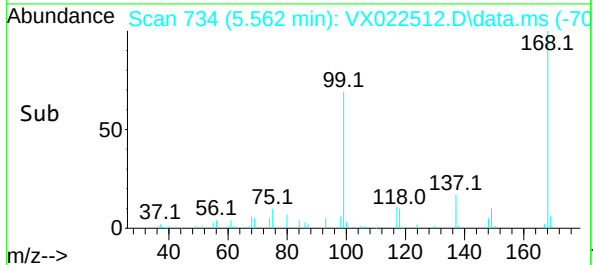
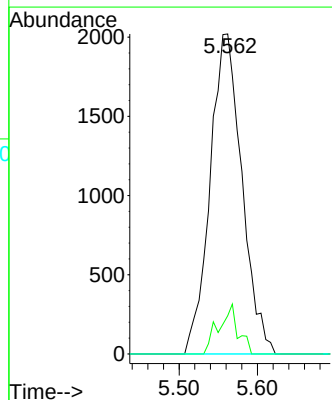
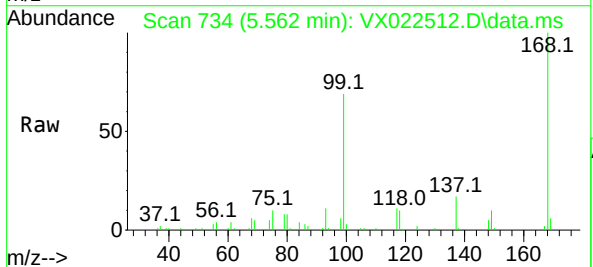
Instrument :
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ClientSampleId :
PB136857ZHE#06

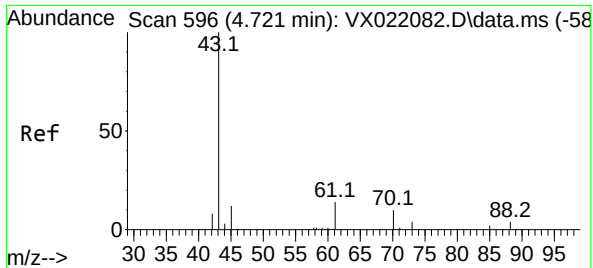
Tgt Ion:113 Resp: 34780
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 16.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 75 Resp: 5710
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.241 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX022512.D

Acq: 07 Jun 2021 05:30

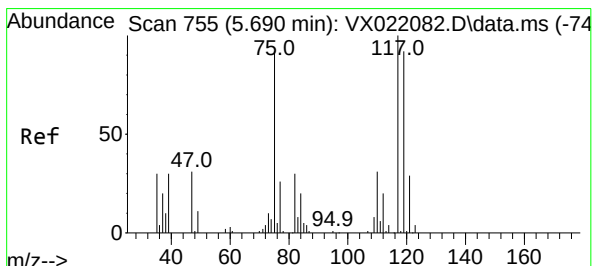
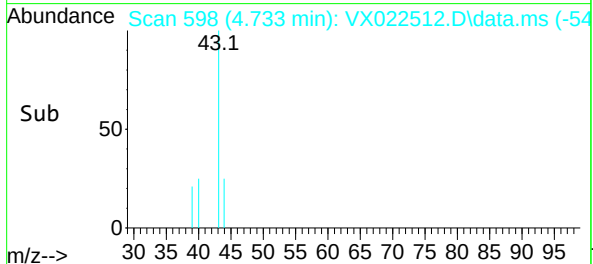
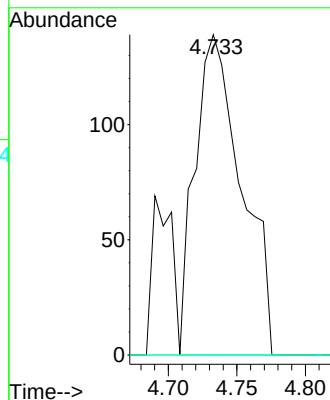
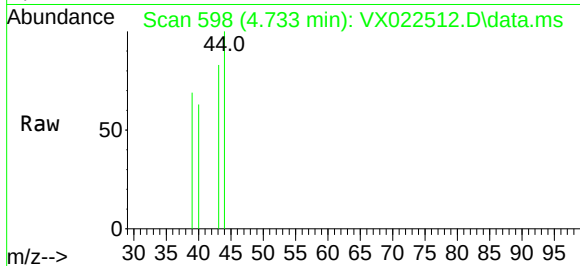
Instrument :

MSVOA_X

ClientSampleId :

PB136857ZHE#06

Tgt Ion: 43	Resp: 330
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.158 ug/l

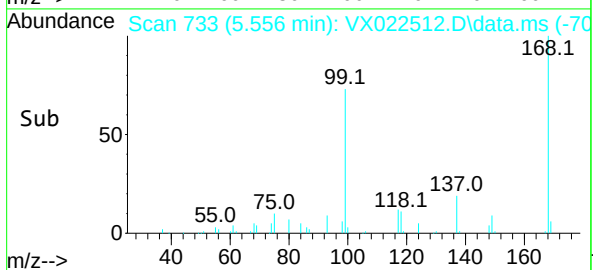
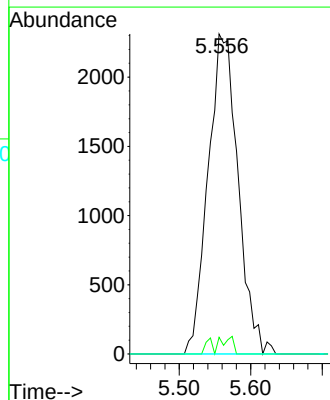
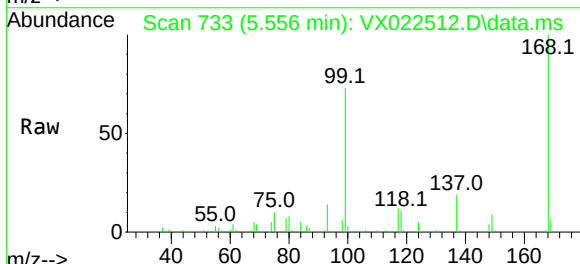
RT: 5.556 min Scan# 733

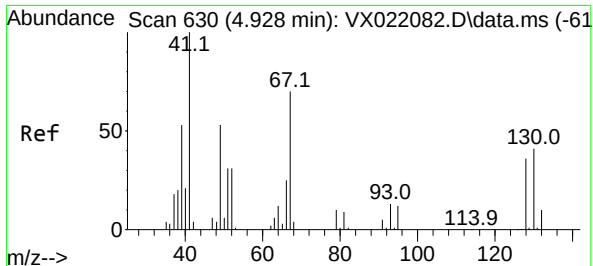
Delta R.T. -0.134 min

Lab File: VX022512.D

Acq: 07 Jun 2021 05:30

Tgt Ion: 117	Resp: 6720
Ion Ratio	Lower Upper
117 100	
119 5.2	76.2 114.2#
121 0.0	24.8 37.2#

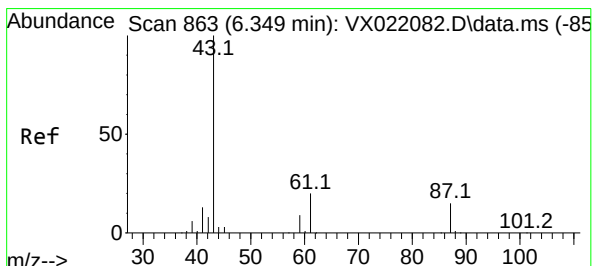
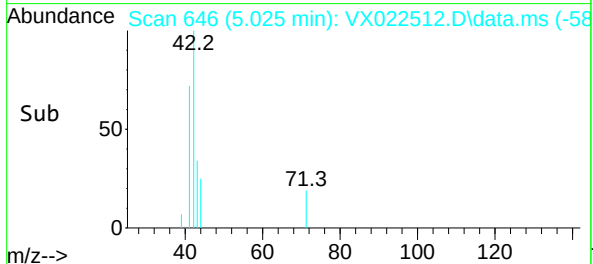
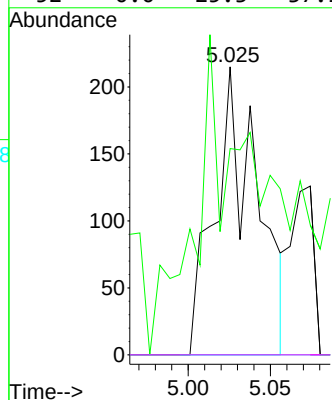
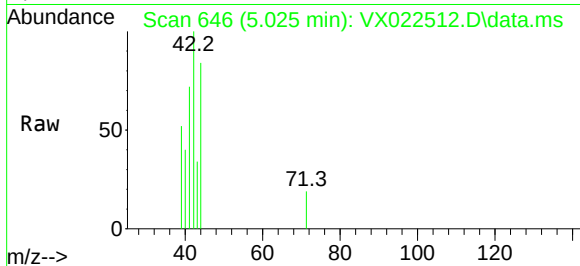




#41
Methacrylonitrile
Concen: 0.522 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

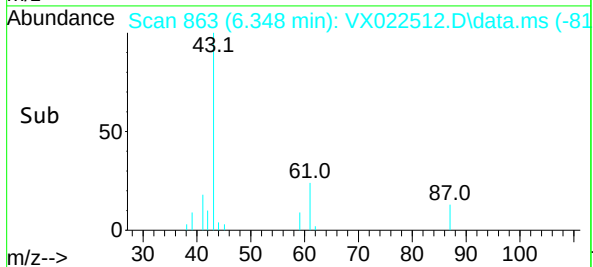
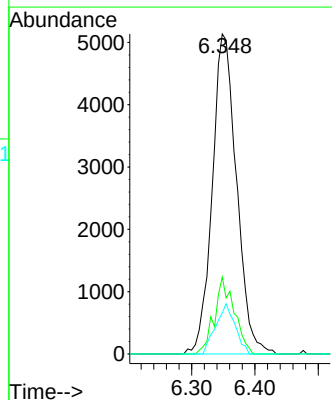
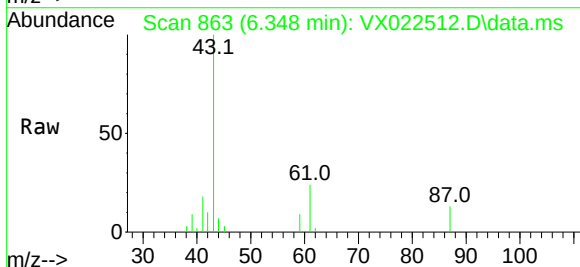
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

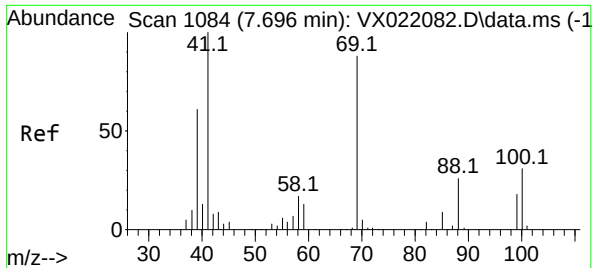
Tgt Ion:	41	Resp:	382
Ion	Ratio	Lower	Upper
41	100		
39	64.7	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 6.121 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion:	43	Resp:	13691
Ion	Ratio	Lower	Upper
43	100		
61	19.6	18.2	27.4
87	12.4	12.5	18.7#

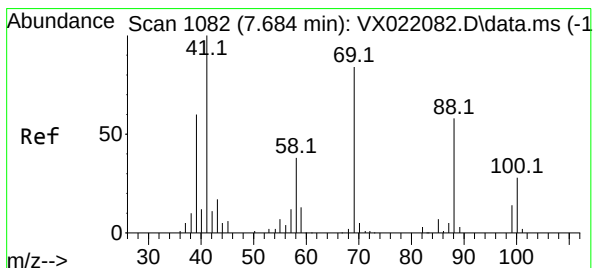
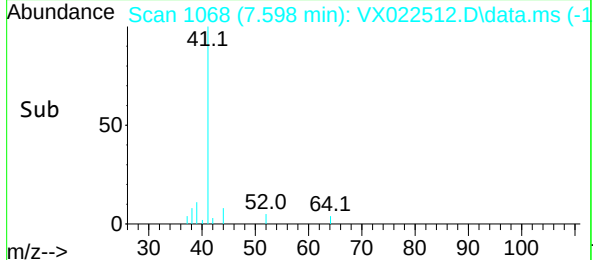
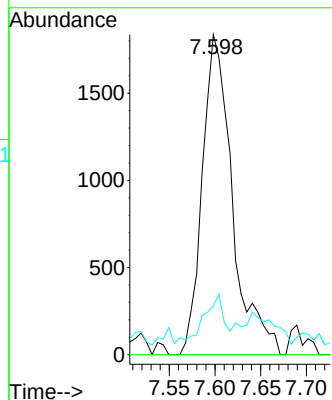
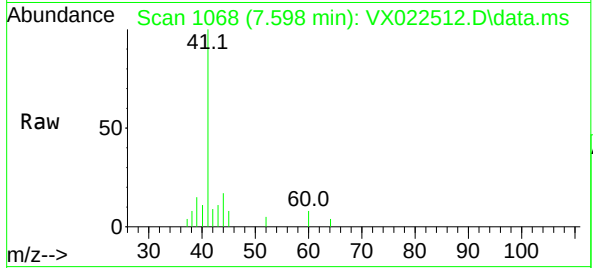




#48
Methyl methacrylate
Concen: 4.078 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

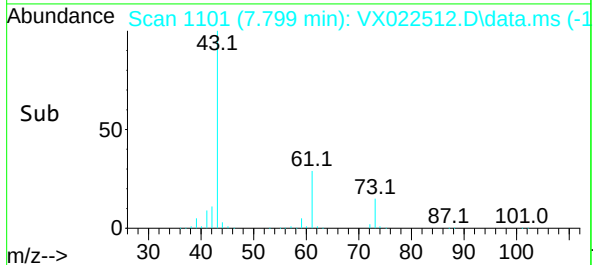
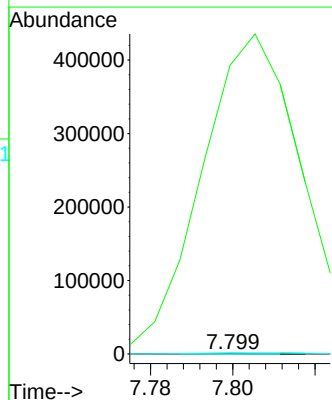
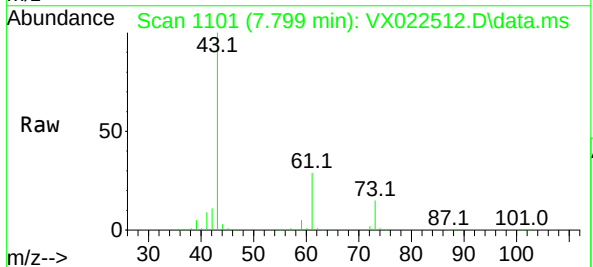
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

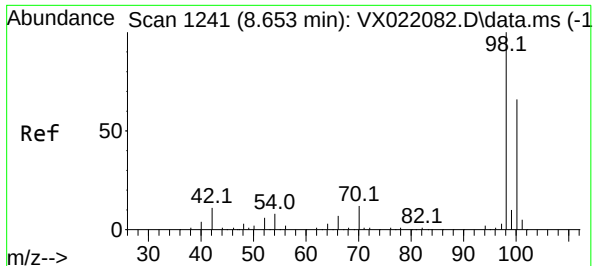
Tgt Ion: 41 Resp: 4204
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.192 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.115 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 1725584.1 23.2 34.8#
58 7415.9 55.0 82.4#

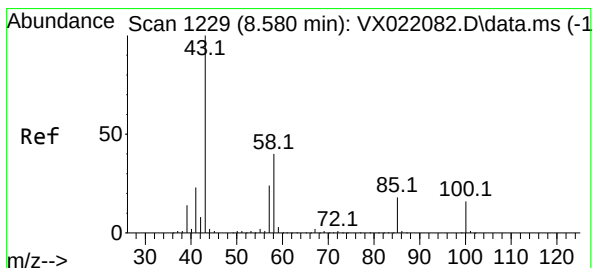
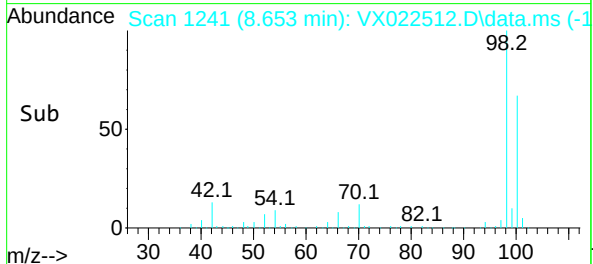
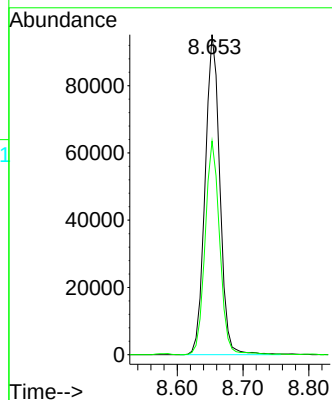
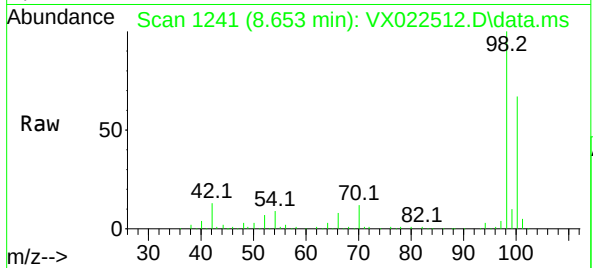




#50
Toluene-d8
Concen: 50.344 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

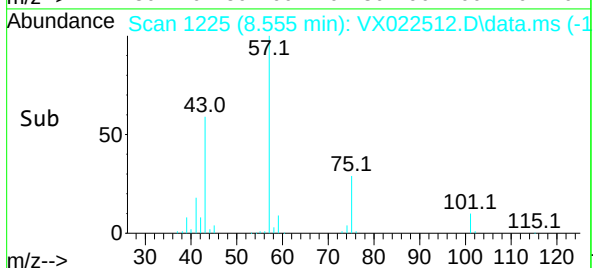
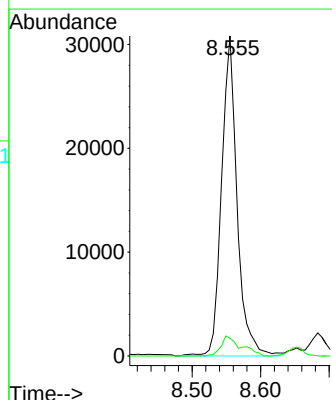
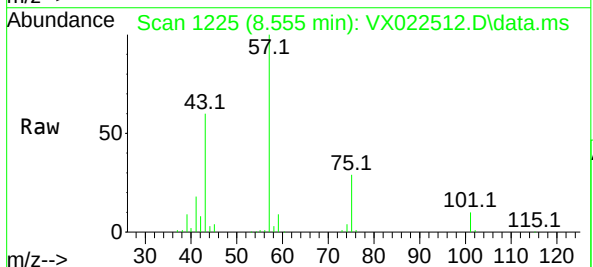
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

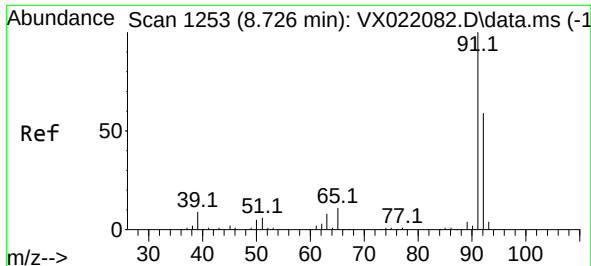
Tgt Ion: 98 Resp: 148369
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 36.100 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 43 Resp: 48369
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#

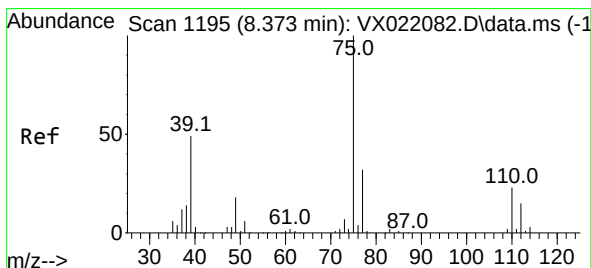
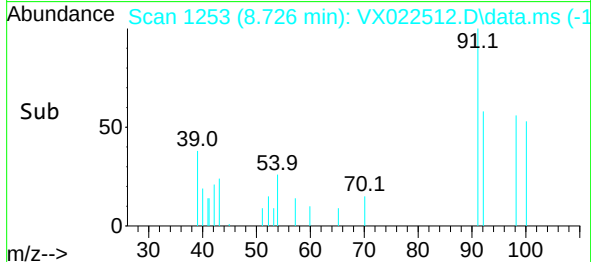
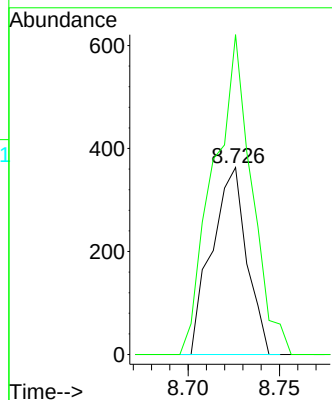
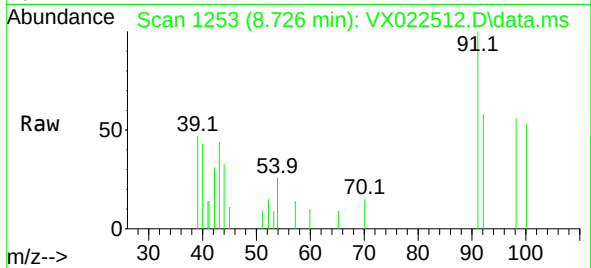




#52
Toluene
Concen: 0.223 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

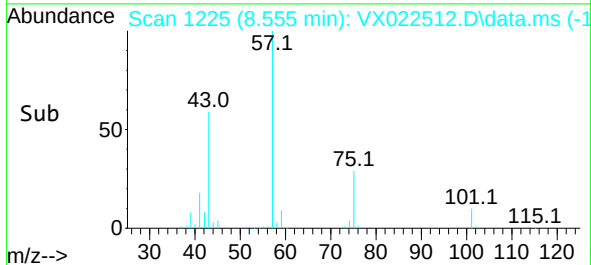
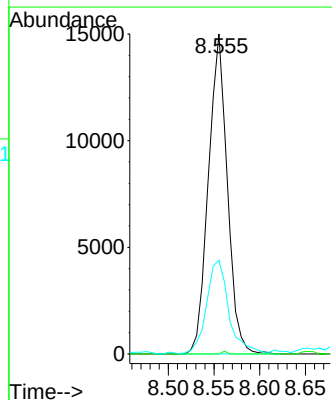
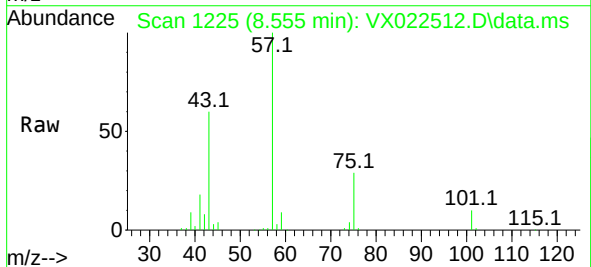
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

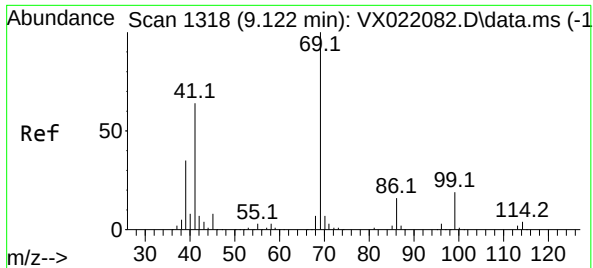
Tgt Ion: 92 Resp: 484
Ion Ratio Lower Upper
92 100
91 188.4 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.625 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 75 Resp: 21575
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 29.3 35.1 52.7#

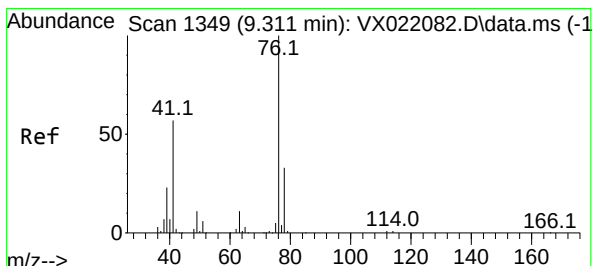
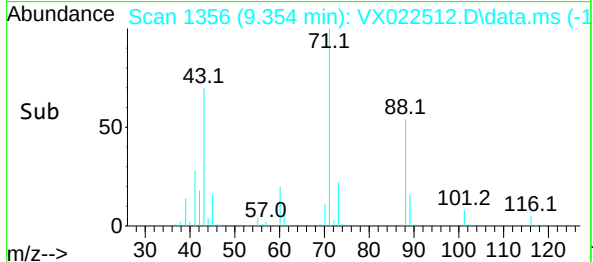
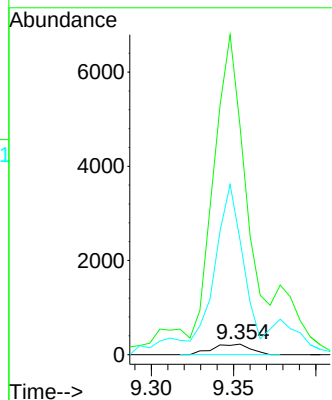
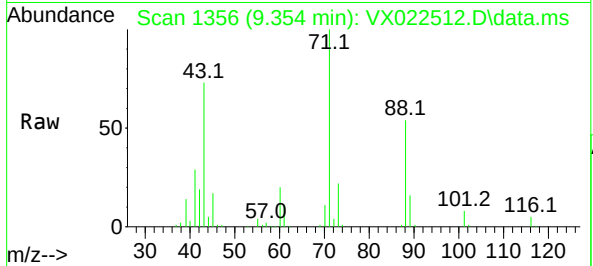




#56
Ethyl methacrylate
Concen: 0.250 ug/l
RT: 9.354 min Scan# 1356
Delta R.T. 0.232 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

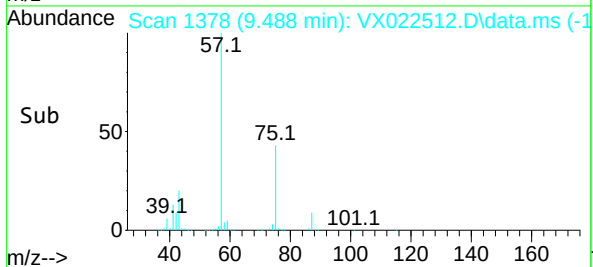
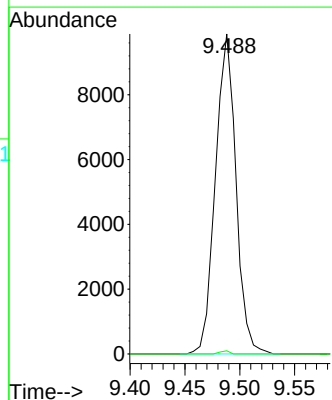
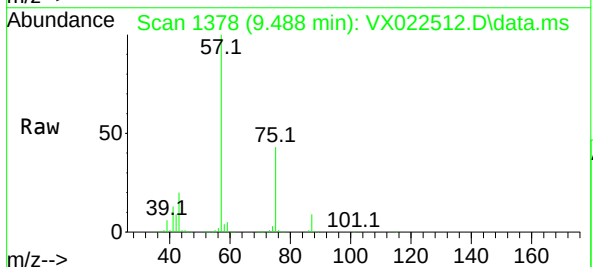
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

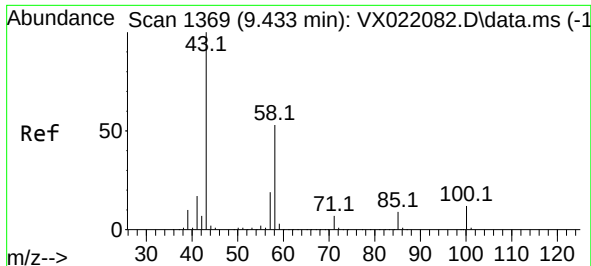
Tgt Ion: 69 Resp: 357
Ion Ratio Lower Upper
69 100
41 2649.9 46.8 70.2#
39 1436.4 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 8.546 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 76 Resp: 12876
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

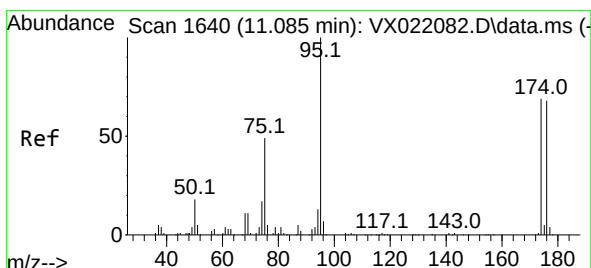
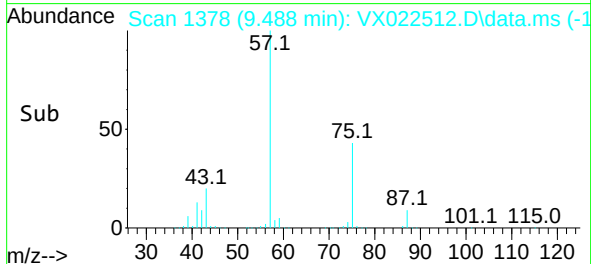
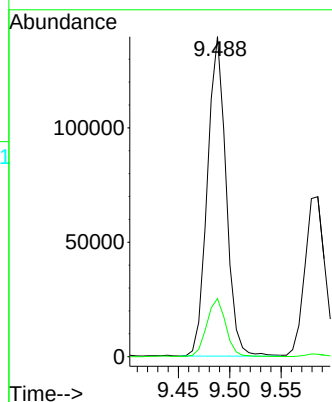
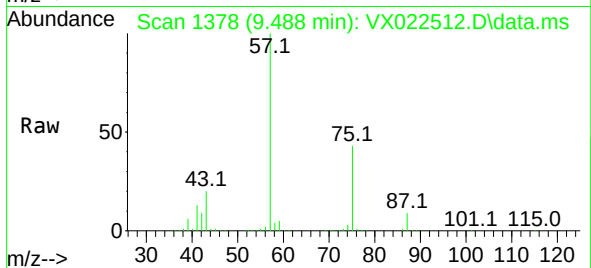




#59
2-Hexanone
Concen: 175.652 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

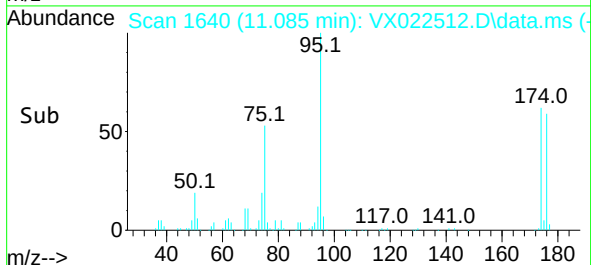
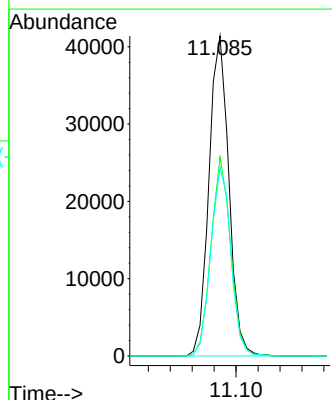
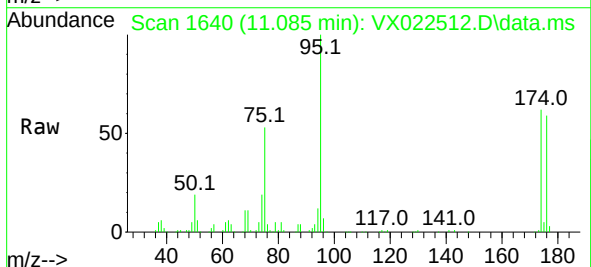
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

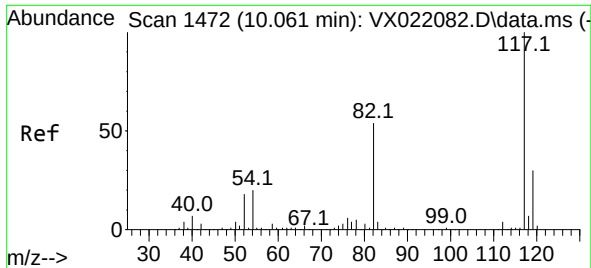
Tgt Ion: 43 Resp: 177010
Ion Ratio Lower Upper
43 100
58 18.5 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 95 Resp: 52192
Ion Ratio Lower Upper
95 100
174 61.4 0.0 154.6
176 59.6 0.0 155.8

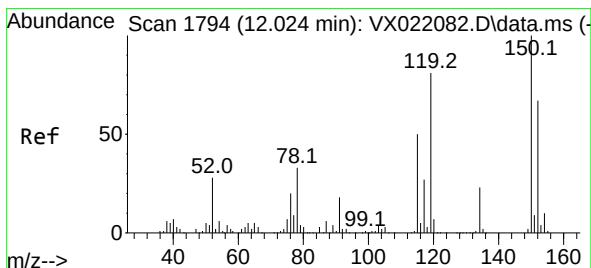
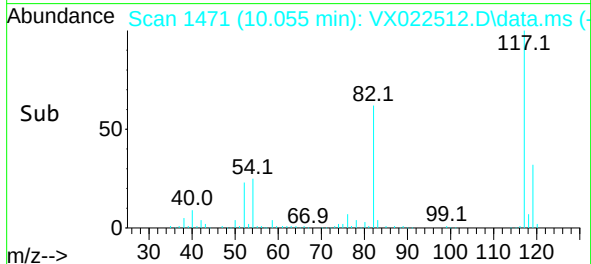
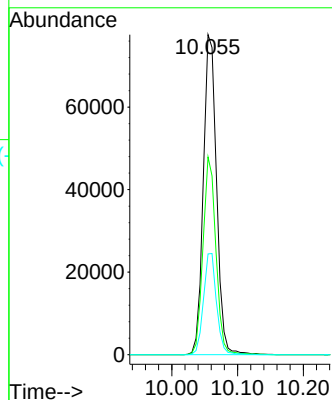
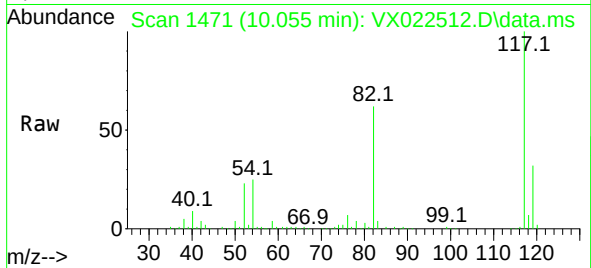




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

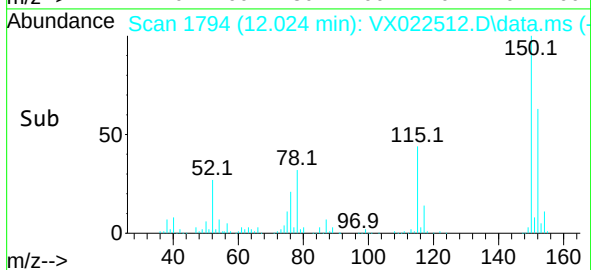
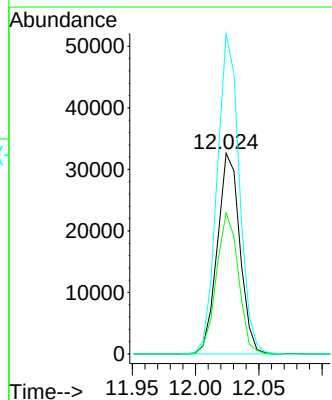
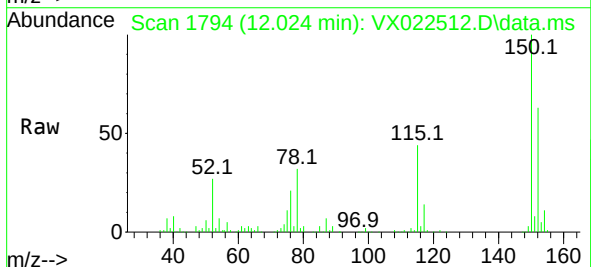
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

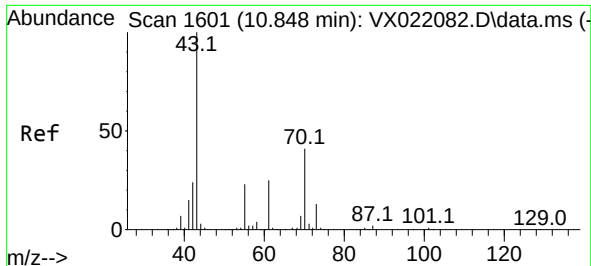
Tgt Ion:117 Resp: 108527
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

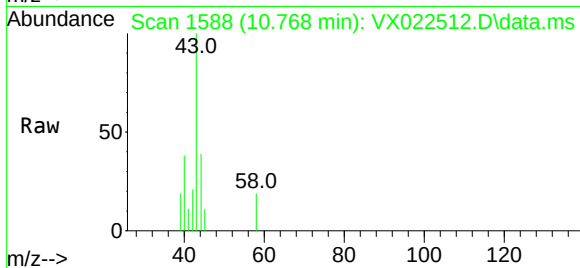
Tgt Ion:152 Resp: 40233
Ion Ratio Lower Upper
152 100
115 68.7 41.1 123.3
150 157.7 0.0 349.0



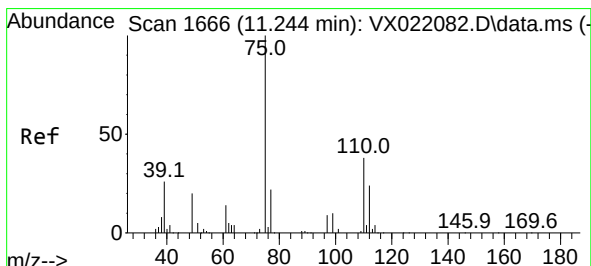
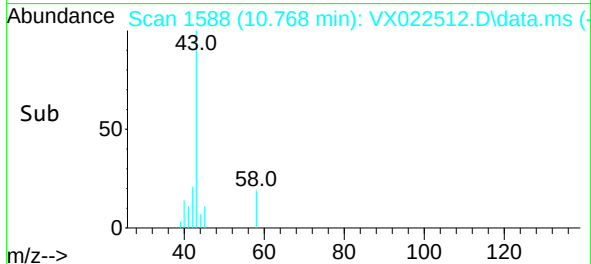
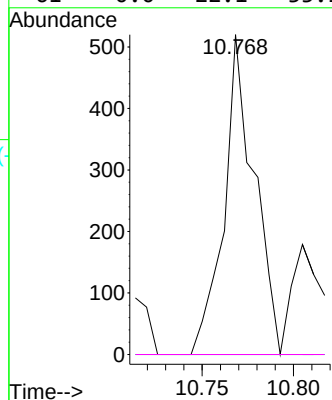


#74
N-amy1 acetate
Concen: 0.369 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

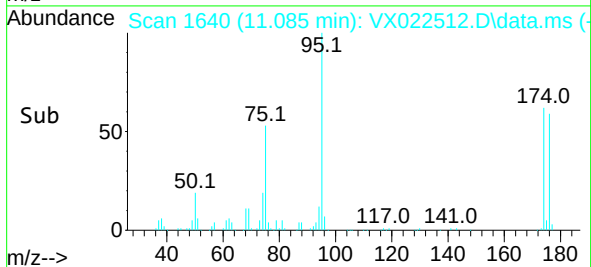
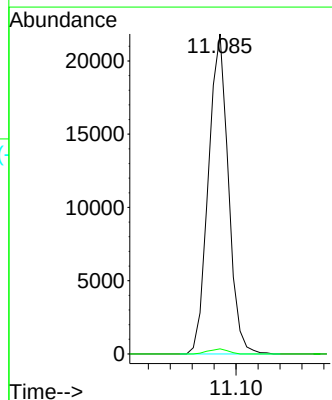
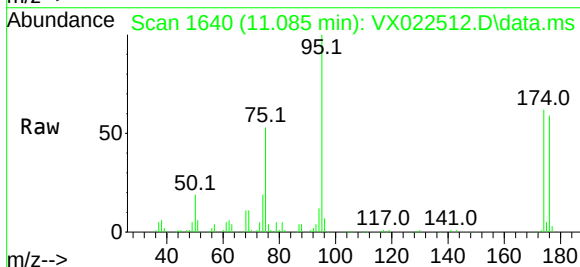


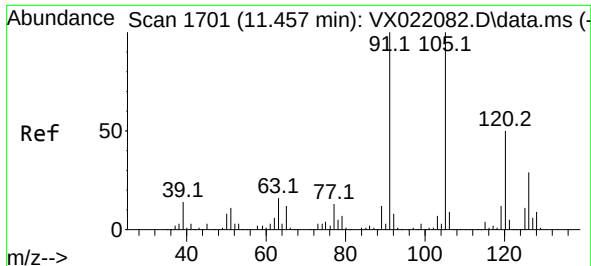
Tgt Ion: 43	Resp: 596
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 27.791 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 75	Resp: 27584
Ion Ratio	Lower Upper
75 100	
77 1.6	19.1 57.5#

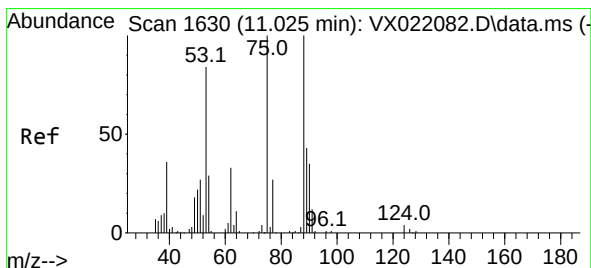
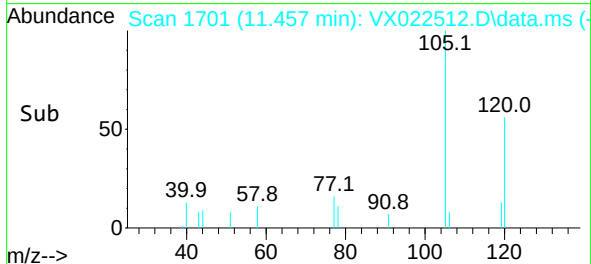
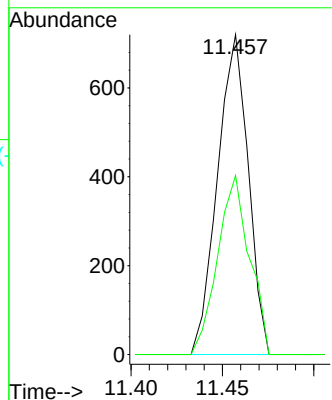
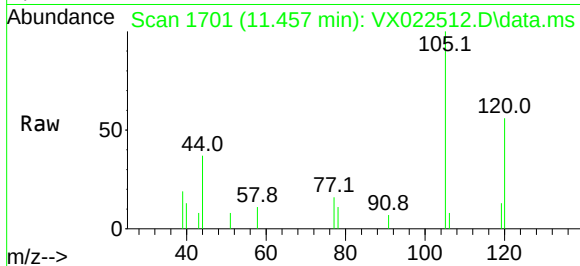




#80
1,3,5-Trimethylbenzene
Concen: 0.298 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#06

Tgt Ion:105 Resp: 840
Ion Ratio Lower Upper
105 100
120 58.2 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 65.847 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022512.D
Acq: 07 Jun 2021 05:30

Tgt Ion: 75 Resp: 27584
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

