

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022507.D
 Acq On : 07 Jun 2021 03:32
 Operator : JC/MD
 Sample : PB136857ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#01

Quant Time: Jun 07 06:18:10 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)

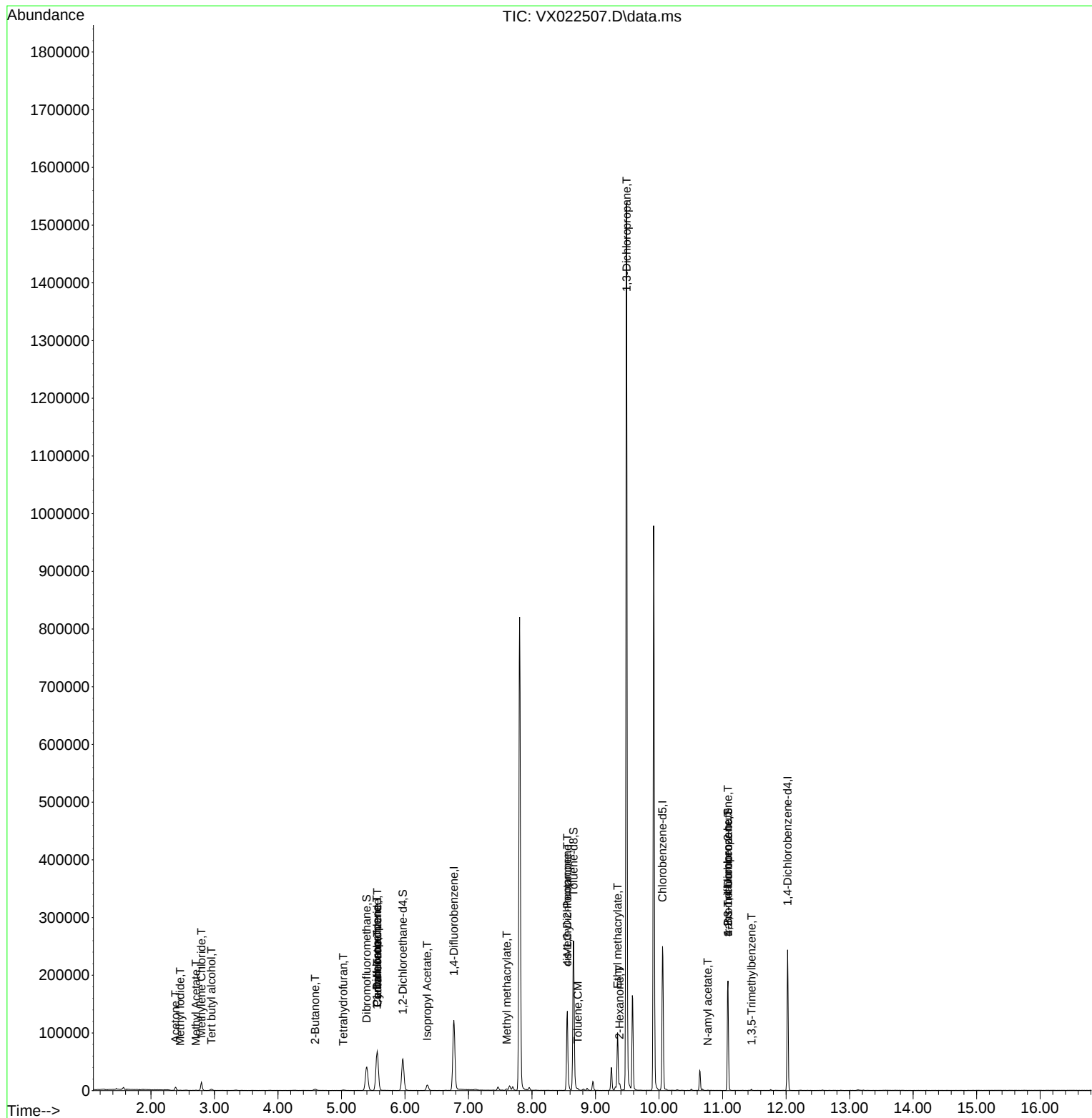
Internal Standards						
1) Pentafluorobenzene	5.562	168	56960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	118641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49457	56.288	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.580%
35) Dibromofluoromethane	5.397	113	35151	46.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.653	98	148002	51.067	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.140%
62) 4-Bromofluorobenzene	11.085	95	52497	49.006	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	258	0.356	ug/l #	69
11) Tert butyl alcohol	2.953	59	1410	7.016	ug/l #	73
16) Acetone	2.386	43	6052	15.819	ug/l	95
18) Methyl Acetate	2.709	43	696	0.684	ug/l #	68
20) Methylene Chloride	2.794	84	5854	6.891	ug/l	95
25) 2-Butanone	4.586	43	2562	4.139	ug/l	96
29) Tetrahydrofuran	5.025	42	788	2.139	ug/l #	65
31) Cyclohexane	5.562	56	1727	1.564	ug/l #	52
36) 1,1-Dichloropropene	5.556	75	5728	5.221	ug/l #	49
38) Carbon Tetrachloride	5.562	117	6517	6.073	ug/l #	16
43) Isopropyl Acetate	6.348	43	13111	5.960	ug/l	94
48) Methyl methacrylate	7.604	41	3849	3.797	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	48590	36.876	ug/l #	45
52) Toluene	8.720	92	523	0.245	ug/l	96
54) cis-1,3-Dichloropropene	8.555	75	20378	14.047	ug/l #	66
56) Ethyl methacrylate	9.348	69	410	0.292	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	12503	8.439	ug/l #	42
59) 2-Hexanone	9.378	43	5318	5.366	ug/l #	19
74) N-amyl acetate	10.768	43	554	0.317	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	28179	26.236	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	945	0.309	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.085	75	28179	62.162	ug/l #	12

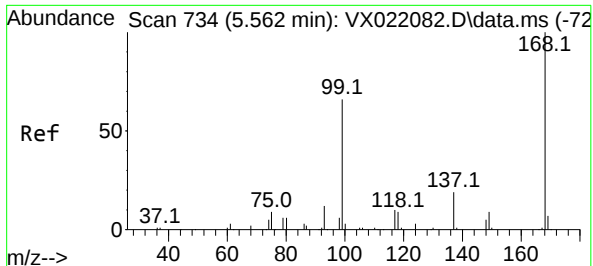
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

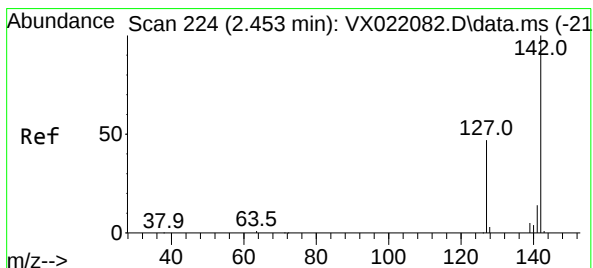
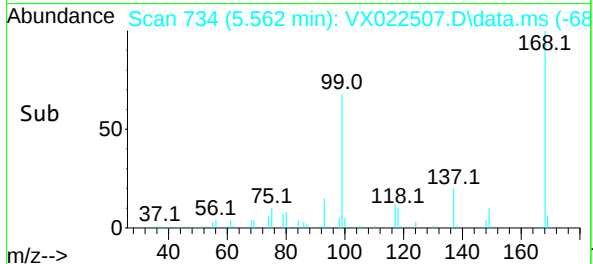
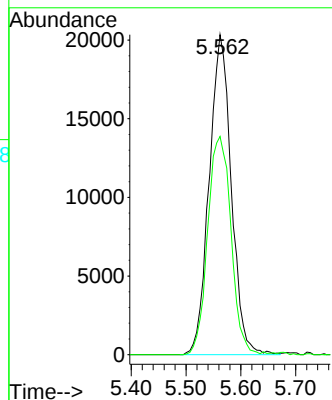
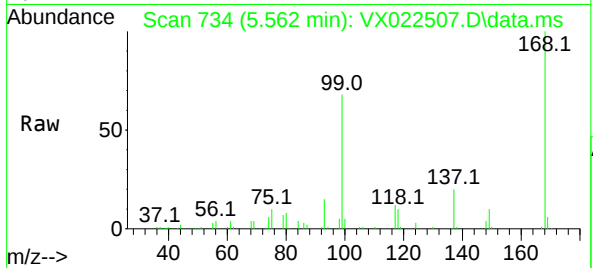




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

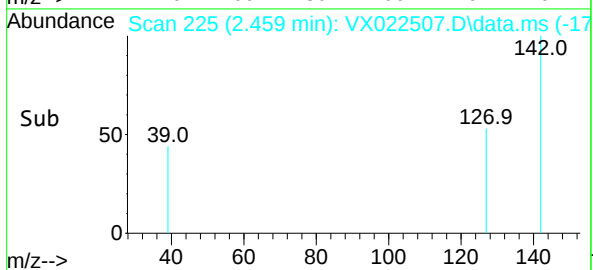
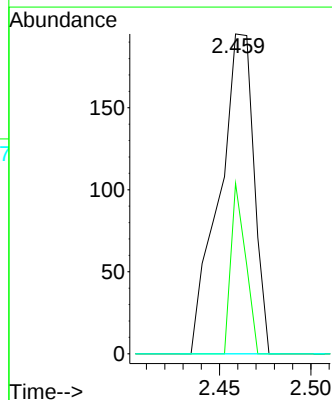
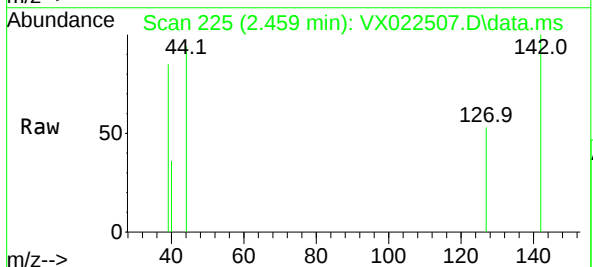
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

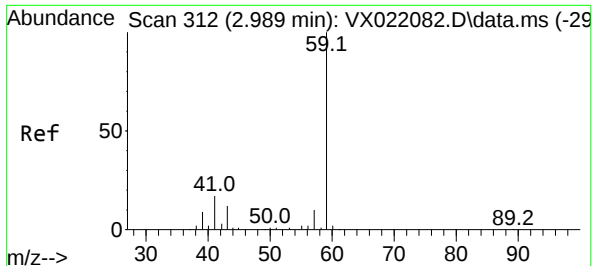
Tgt Ion:168 Resp: 56960
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.6



#10
Methyl Iodide
Concen: 0.356 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion:142 Resp: 258
Ion Ratio Lower Upper
142 100
127 22.5 33.3 49.9#
141 0.0 11.4 17.0#



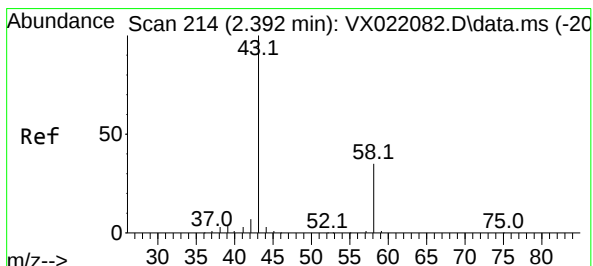
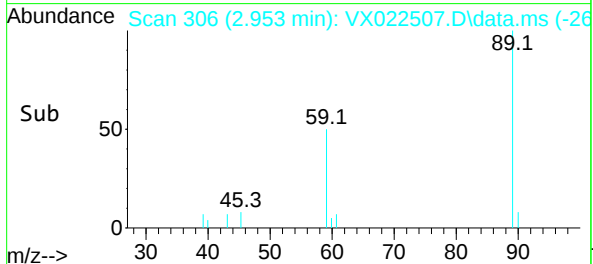
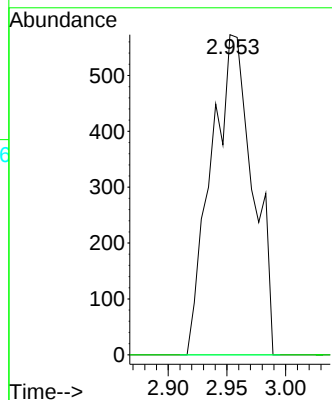
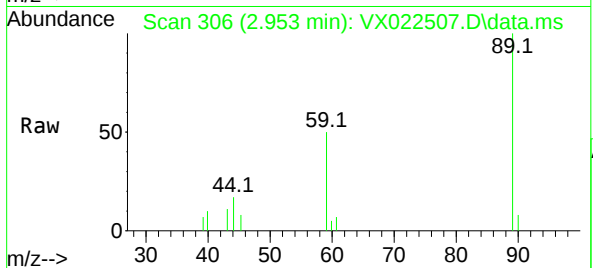


#11

Tert butyl alcohol
Concen: 7.016 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

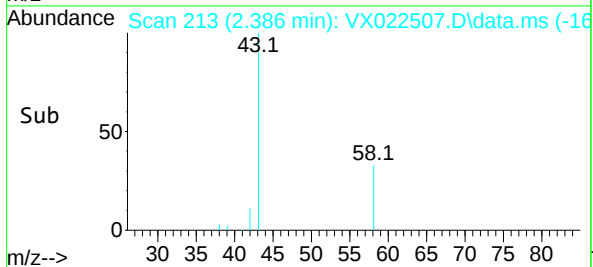
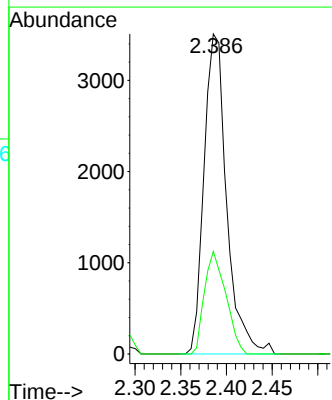
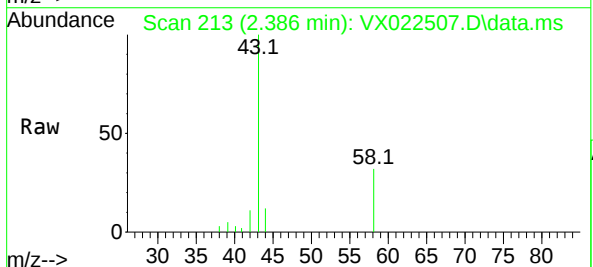
Tgt Ion: 59 Resp: 1410
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

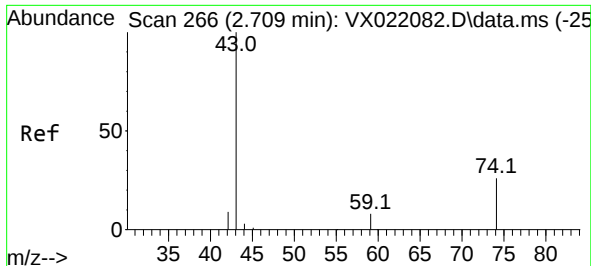


#16

Acetone
Concen: 15.819 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion: 43 Resp: 6052
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8





#18

Methyl Acetate

Concen: 0.684 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX022507.D

Acq: 07 Jun 2021 03:32

Instrument :

MSVOA_X

ClientSampleId :

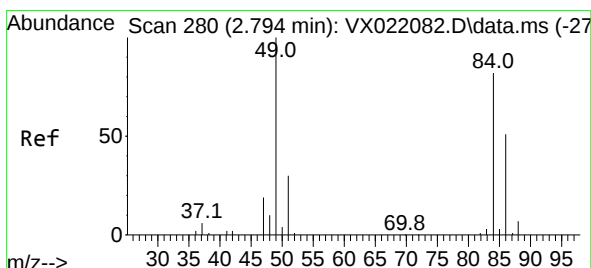
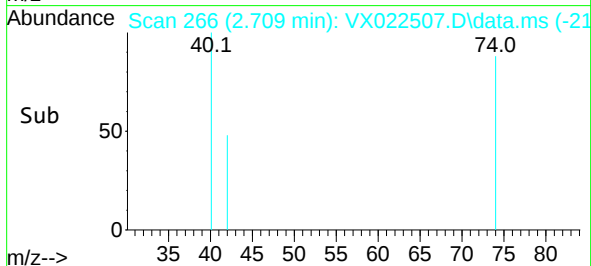
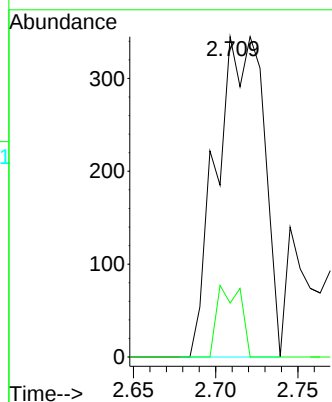
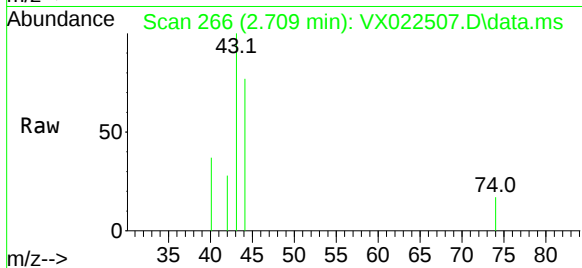
PB136857ZHE#01

Tgt Ion: 43 Resp: 696

Ion Ratio Lower Upper

43 100

74 10.9 21.9 32.9#



#20

Methylene Chloride

Concen: 6.891 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022507.D

Acq: 07 Jun 2021 03:32

Tgt Ion: 84 Resp: 5854

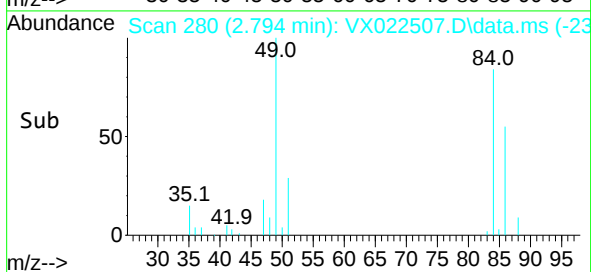
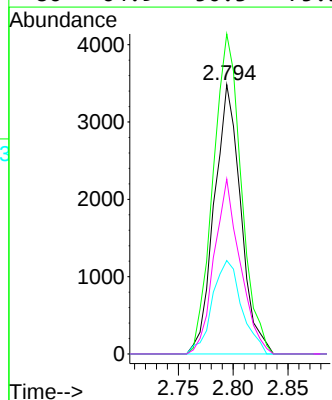
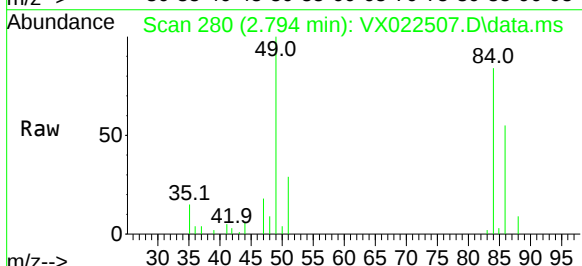
Ion Ratio Lower Upper

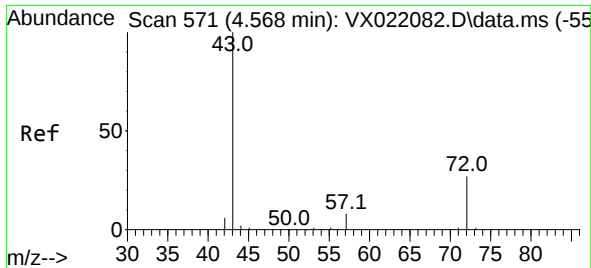
84 100

49 118.8 88.6 132.8

51 34.7 27.0 40.6

86 64.9 50.3 75.5

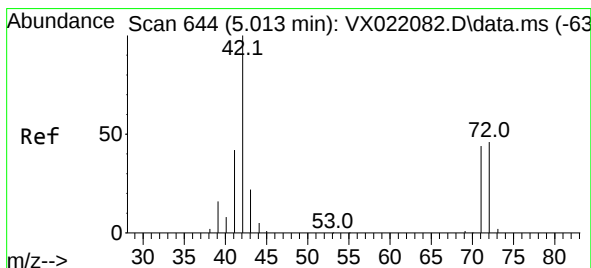
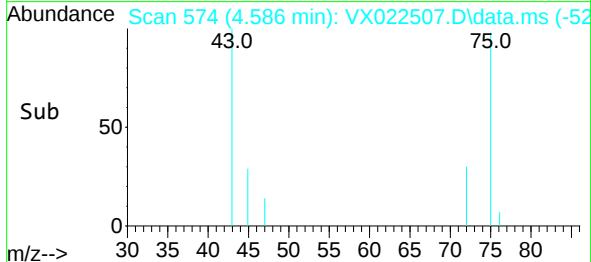
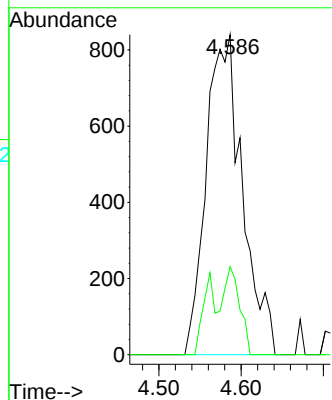
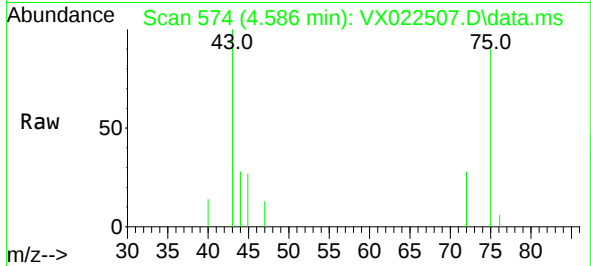




#25
2-Butanone
Concen: 4.139 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

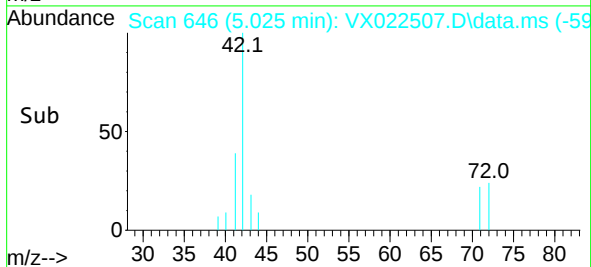
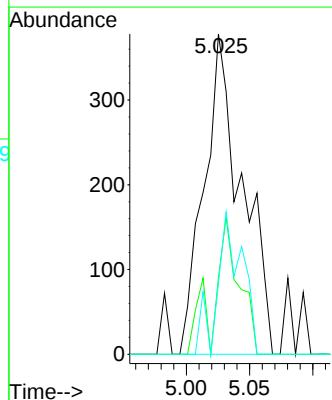
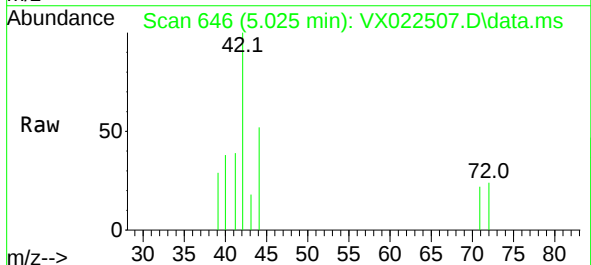
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

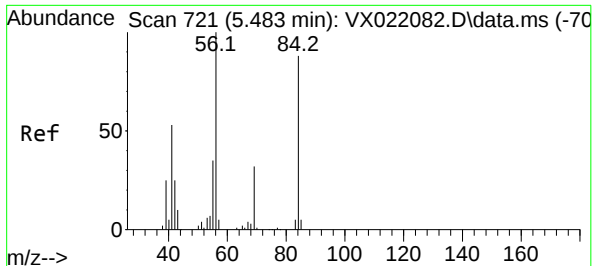
Tgt Ion: 43 Resp: 2562
Ion Ratio Lower Upper
43 100
72 27.5 23.7 35.5



#29
Tetrahydrofuran
Concen: 2.139 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

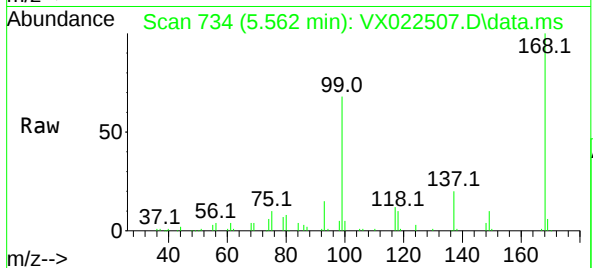
Tgt Ion: 42 Resp: 788
Ion Ratio Lower Upper
42 100
72 22.7 41.7 62.5#
71 29.4 38.4 57.6#



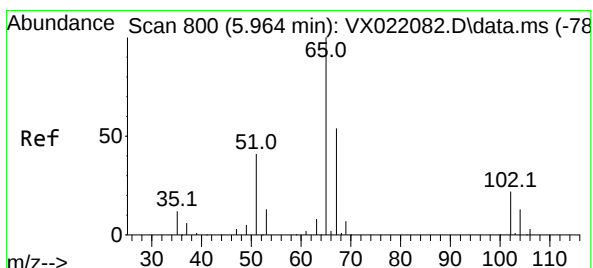
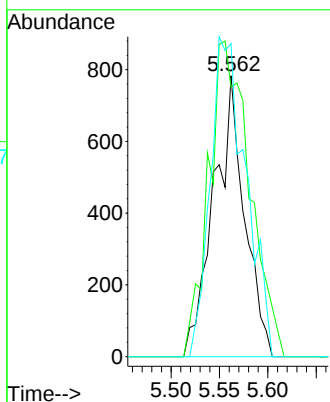
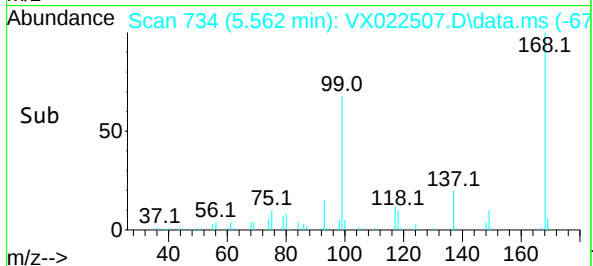


#31
Cyclohexane
Concen: 1.564 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

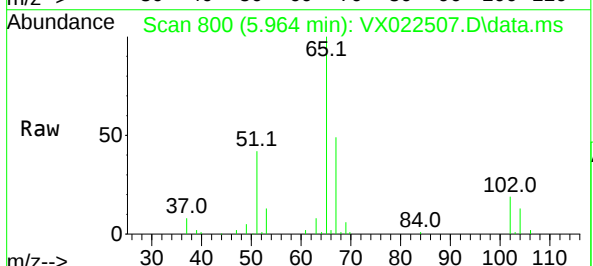
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01



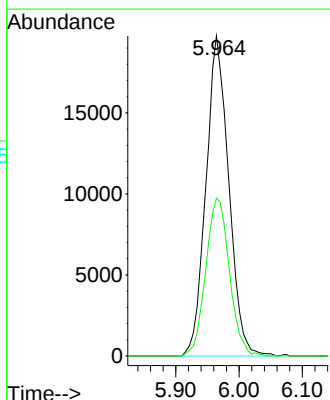
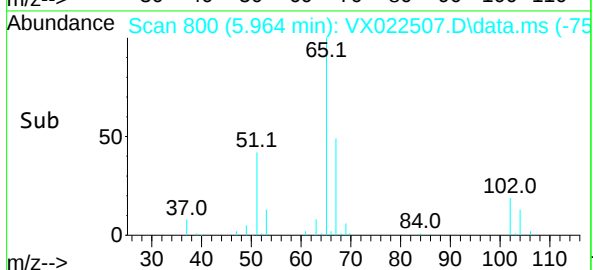
Tgt Ion: 56 Resp: 1727
Ion Ratio Lower Upper
56 100
69 96.0 25.3 37.9#
84 111.5 71.4 107.0#

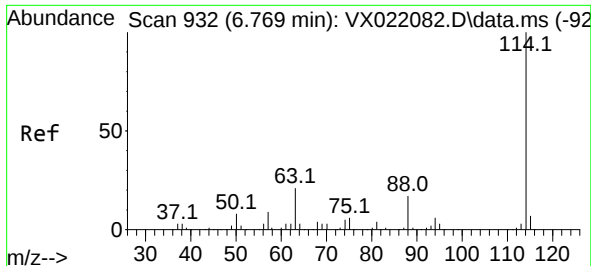


#33
1,2-Dichloroethane-d4
Concen: 56.288 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32



Tgt Ion: 65 Resp: 49457
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

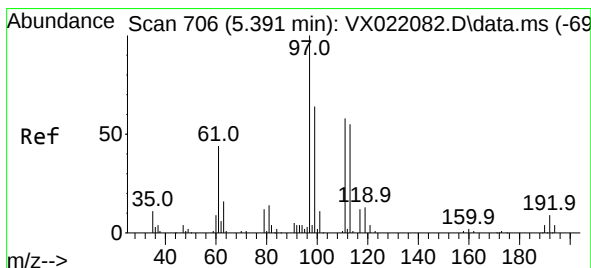
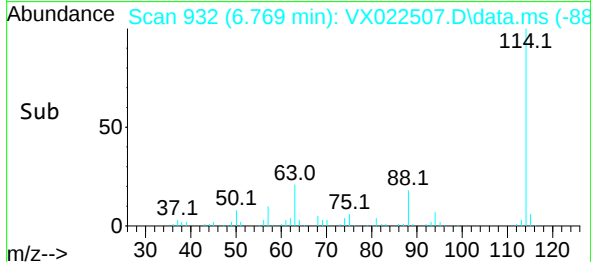
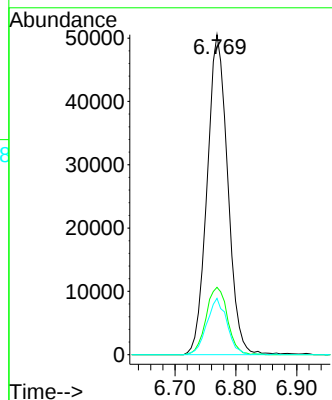
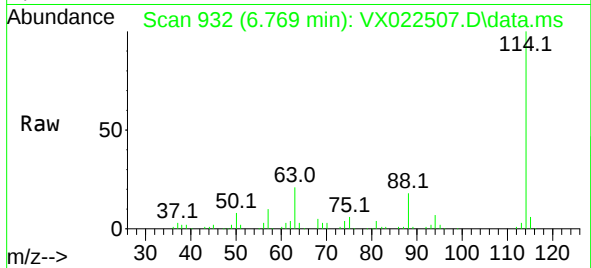




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

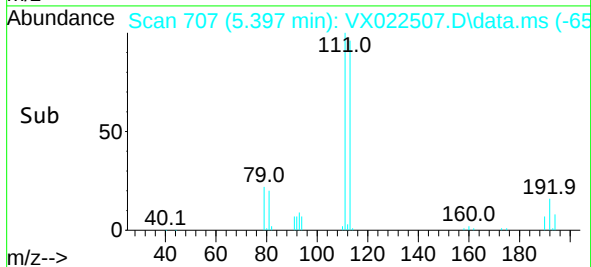
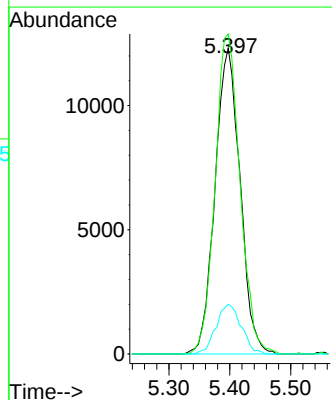
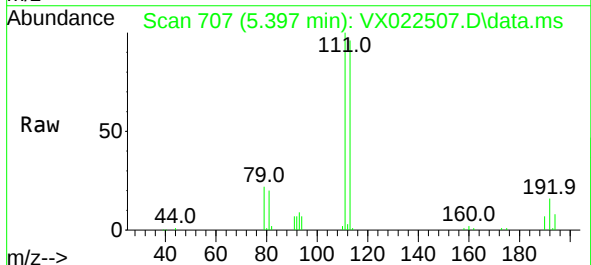
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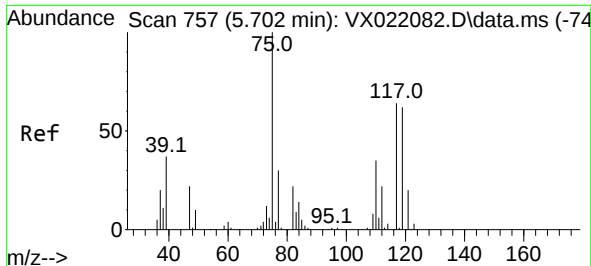
Tgt Ion:114 Resp: 118641
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.721 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion:113 Resp: 35151
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 16.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.221 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022507.D

Acq: 07 Jun 2021 03:32

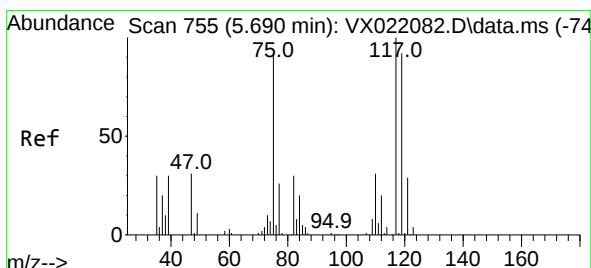
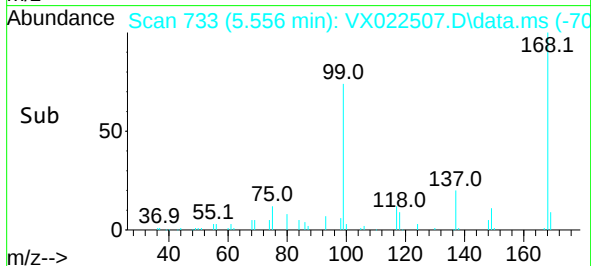
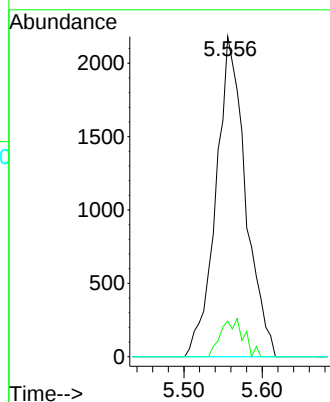
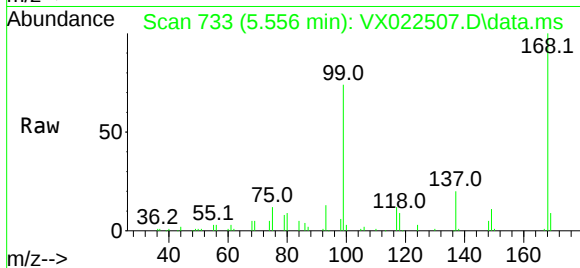
Instrument :

MSVOA_X

ClientSampleId :

PB136857ZHE#01

Tgt Ion:	75	Resp:	5728
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.073 ug/l

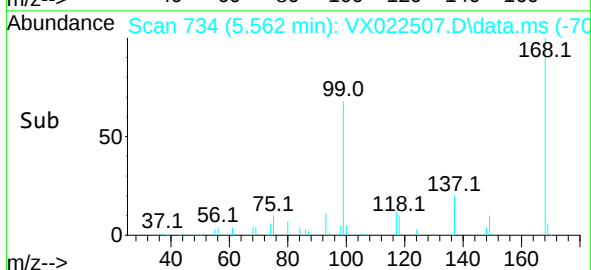
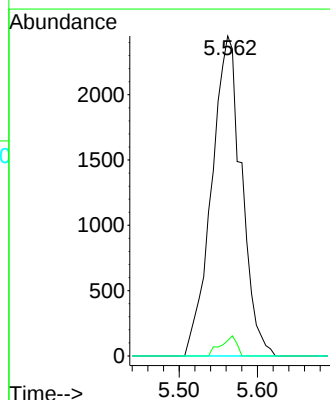
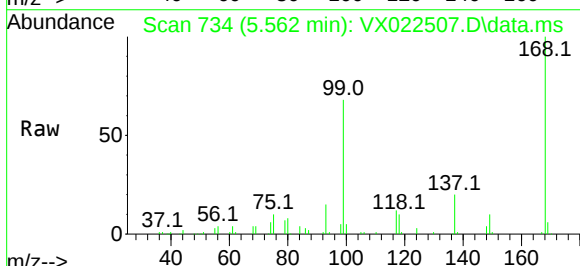
RT: 5.562 min Scan# 734

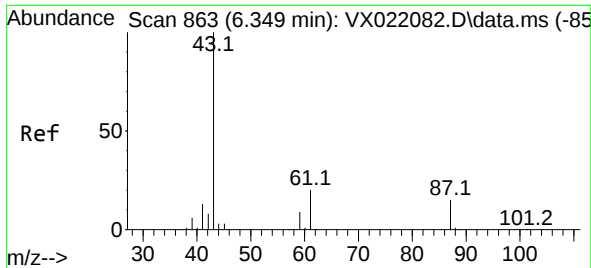
Delta R.T. -0.128 min

Lab File: VX022507.D

Acq: 07 Jun 2021 03:32

Tgt Ion:	117	Resp:	6517
Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.2	114.2#
121	0.0	24.8	37.2#

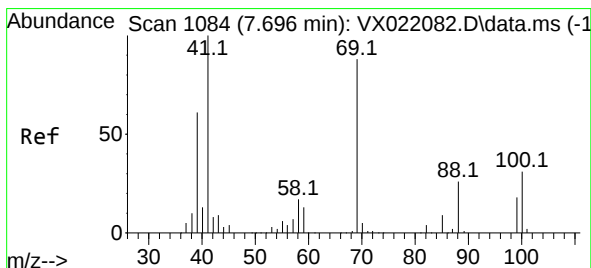
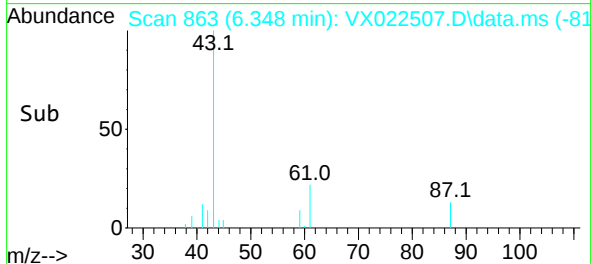
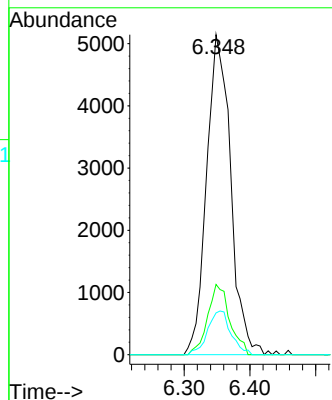
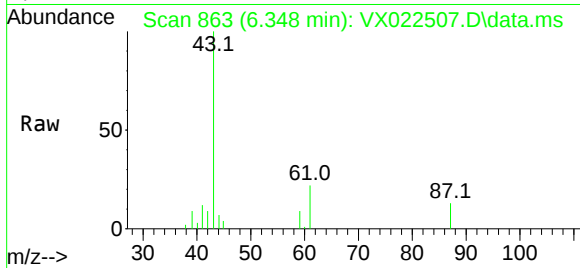




#43
Isopropyl Acetate
Concen: 5.960 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

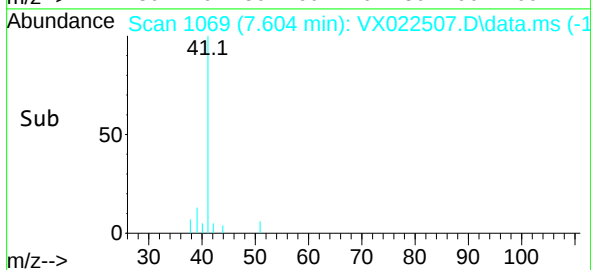
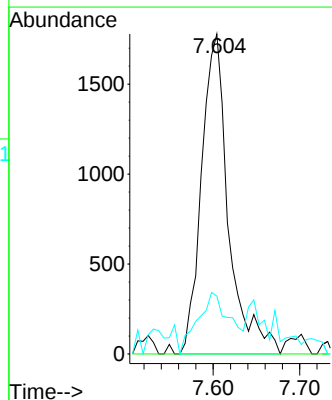
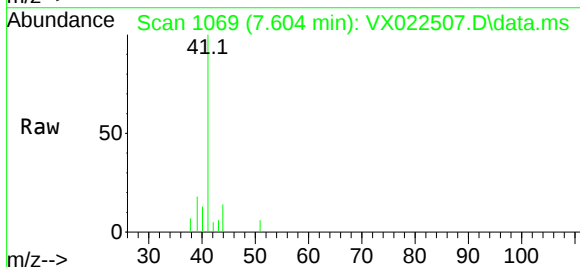
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

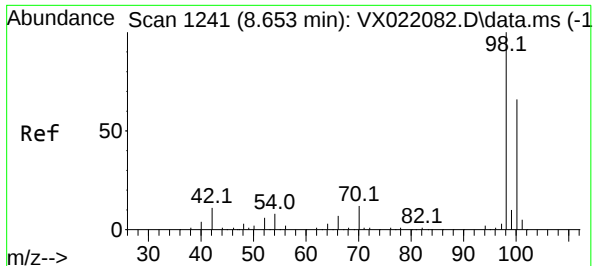
Tgt Ion:	43	Resp:	13111
Ion	Ratio	Lower	Upper
43	100		
61	20.2	18.2	27.4
87	13.2	12.5	18.7



#48
Methyl methacrylate
Concen: 3.797 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion:	41	Resp:	3849
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

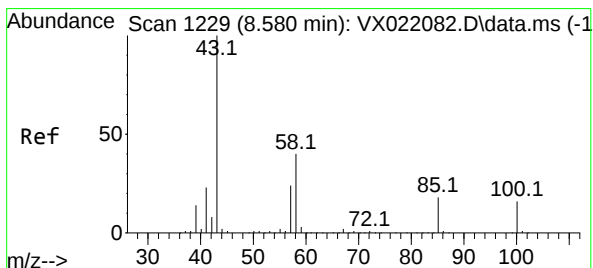
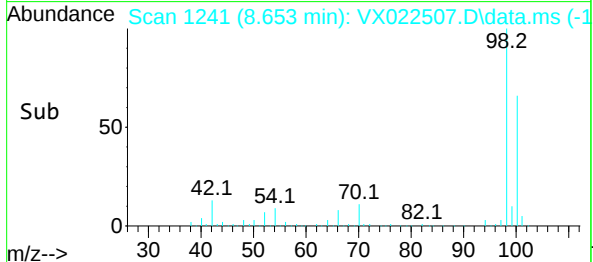
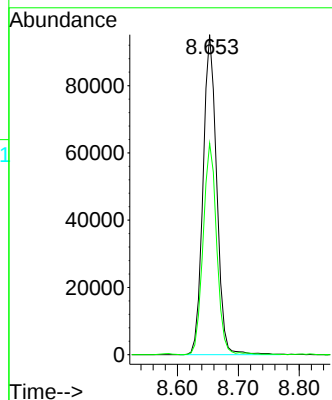
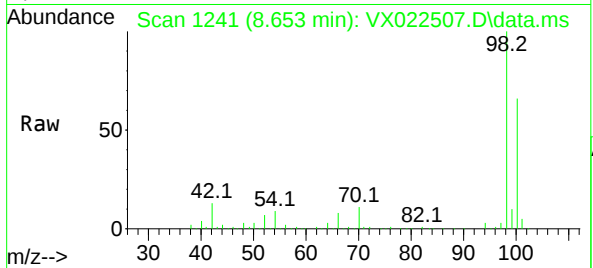




#50
Toluene-d8
Concen: 51.067 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

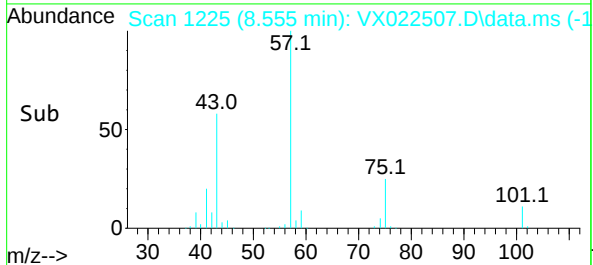
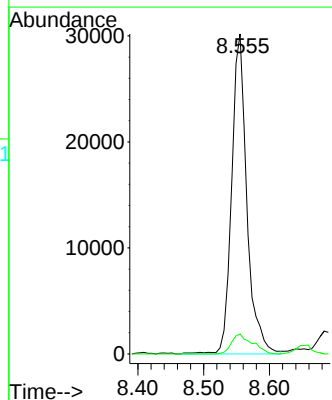
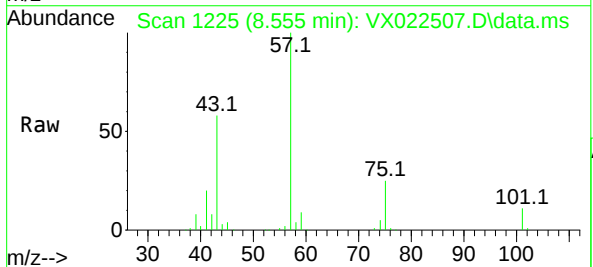
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

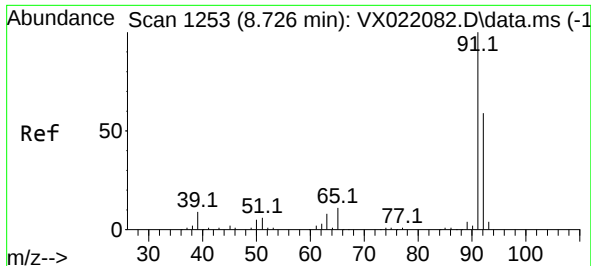
Tgt Ion: 98 Resp: 148002
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 36.876 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion: 43 Resp: 48590
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#

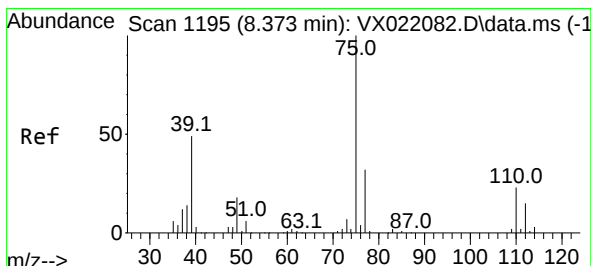
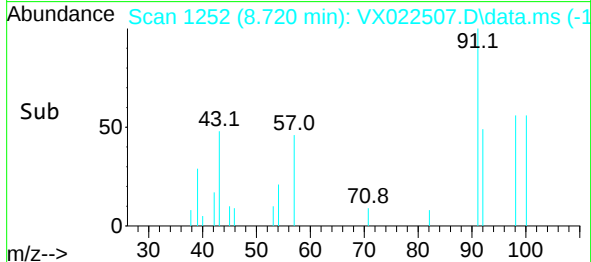
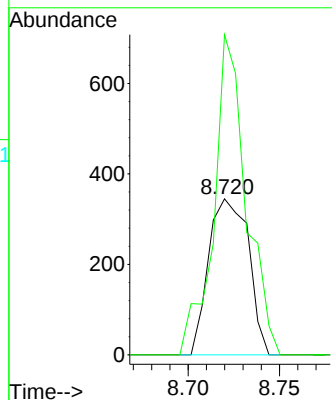
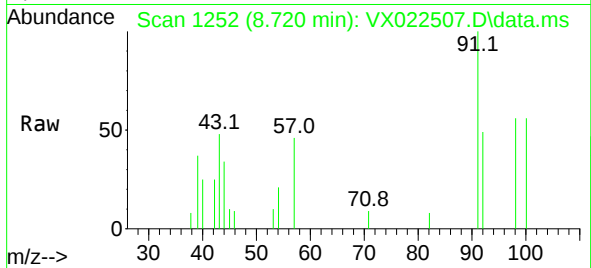




#52
Toluene
Concen: 0.245 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

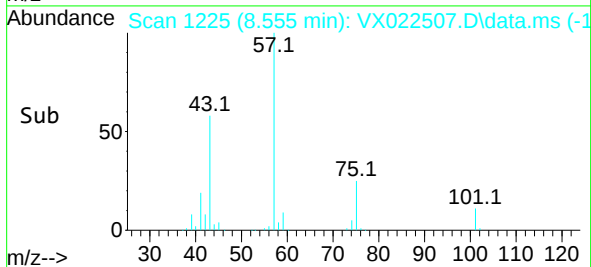
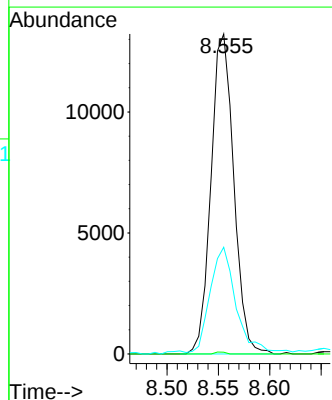
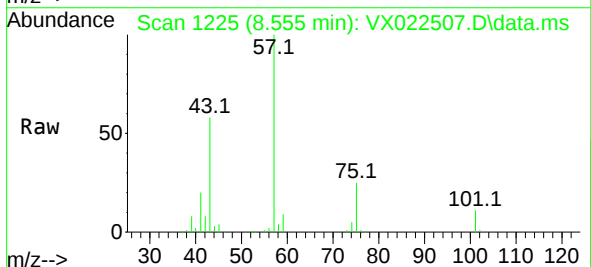
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

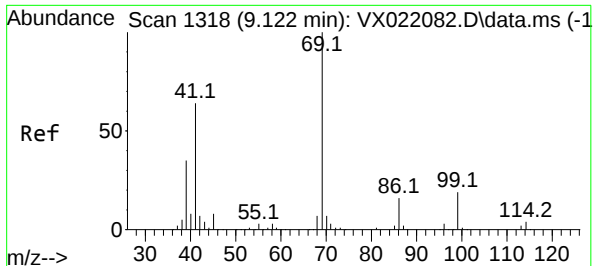
Tgt Ion: 92 Resp: 523
Ion Ratio Lower Upper
92 100
91 166.5 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.047 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion: 75 Resp: 20378
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 32.4 35.1 52.7#

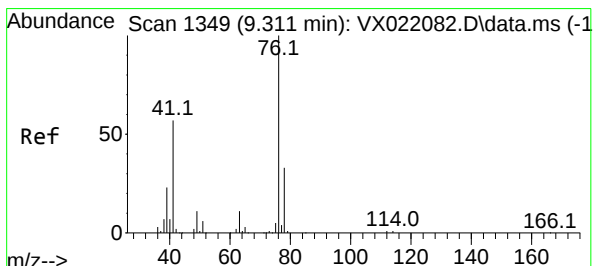
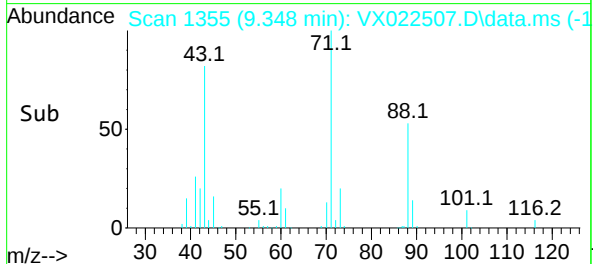
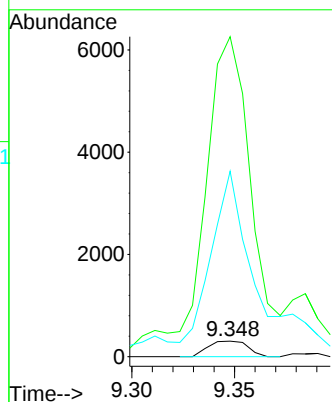
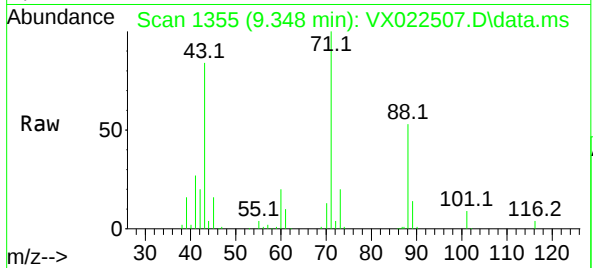




#56
Ethyl methacrylate
Concen: 0.292 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

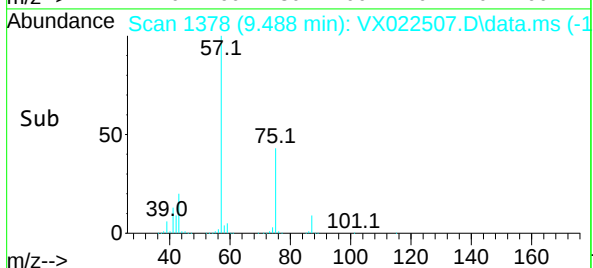
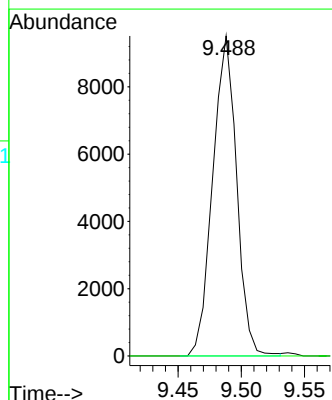
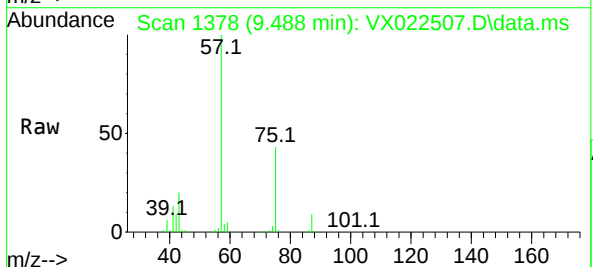
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

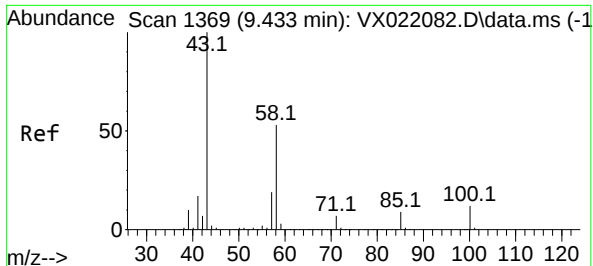
Tgt Ion: 69 Resp: 410
Ion Ratio Lower Upper
69 100
41 2342.0 46.8 70.2#
39 1198.3 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 8.439 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion: 76 Resp: 12503
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

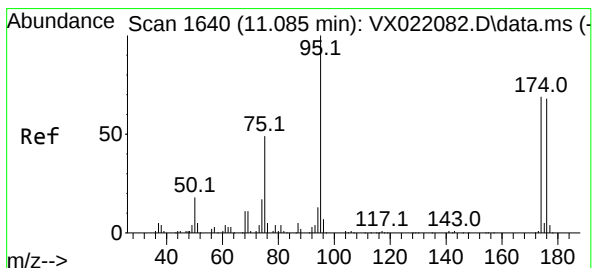
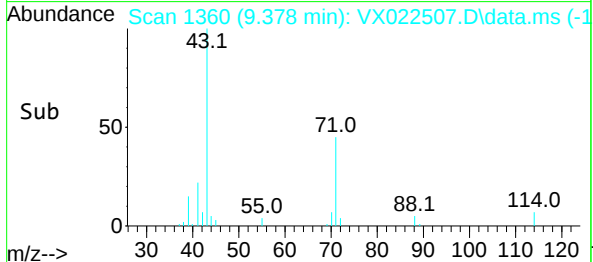
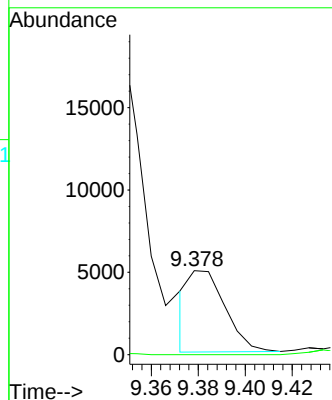
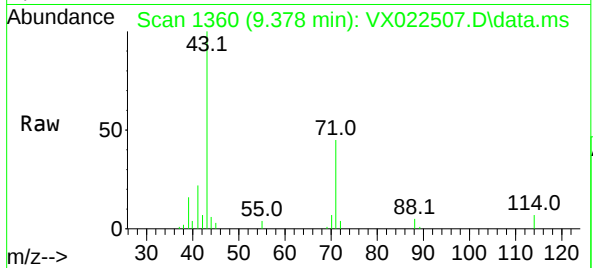




#59
2-Hexanone
Concen: 5.366 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

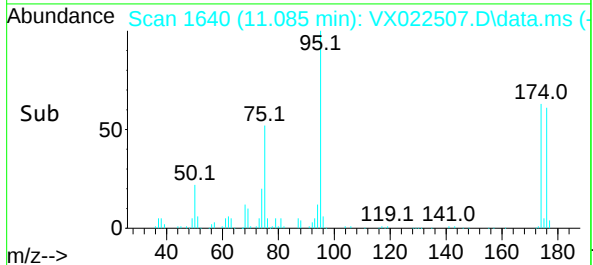
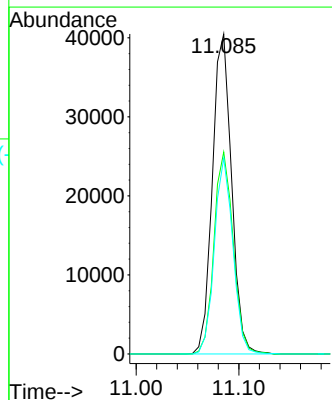
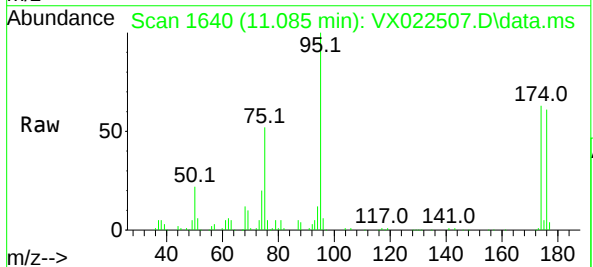
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

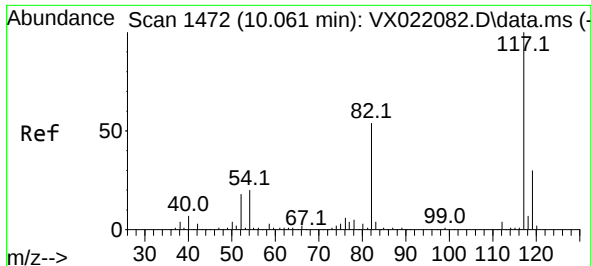
Tgt Ion: 43 Resp: 5318
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 49.006 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion: 95 Resp: 52497
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 59.0 0.0 155.8

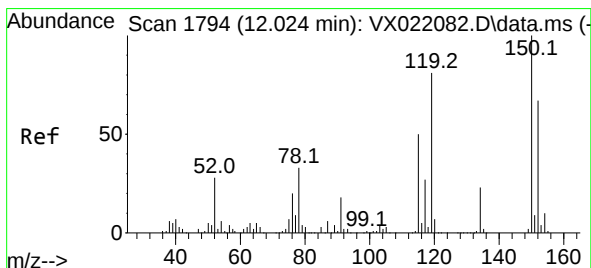
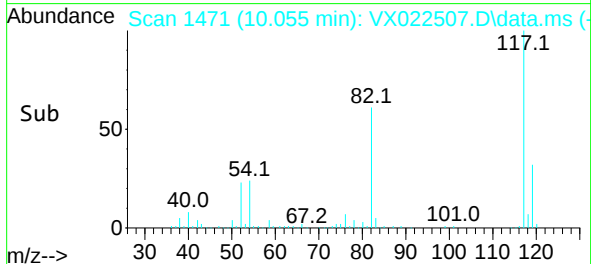
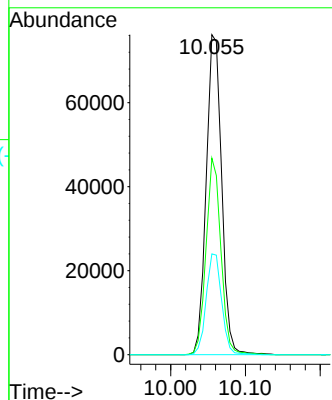
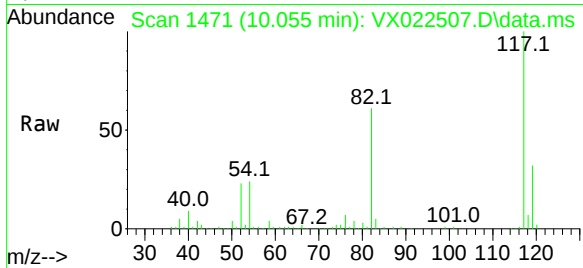




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

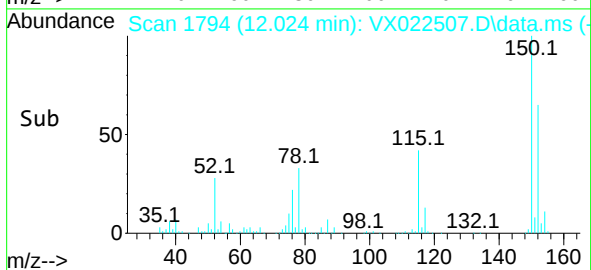
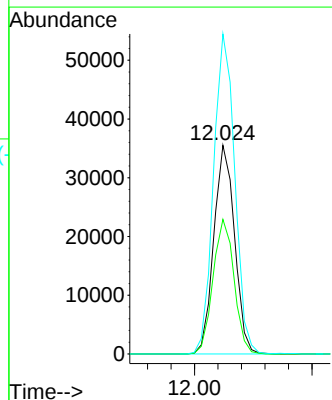
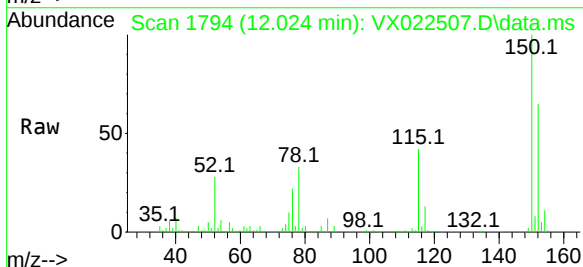
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

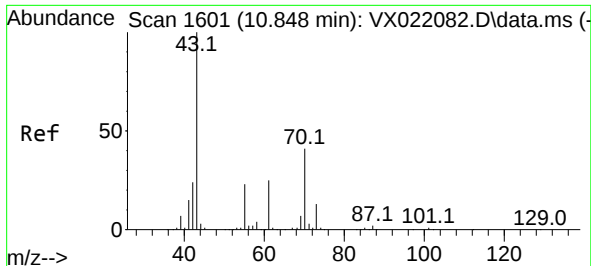
Tgt Ion:117 Resp: 109329
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion:152 Resp: 43537
Ion Ratio Lower Upper
152 100
115 65.4 41.1 123.3
150 156.7 0.0 349.0

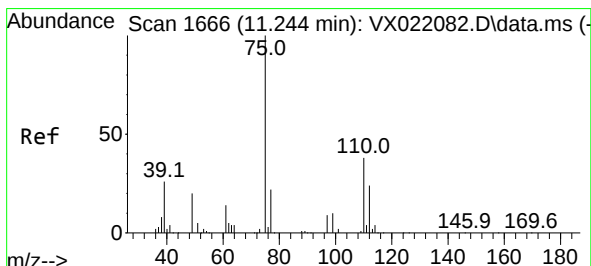
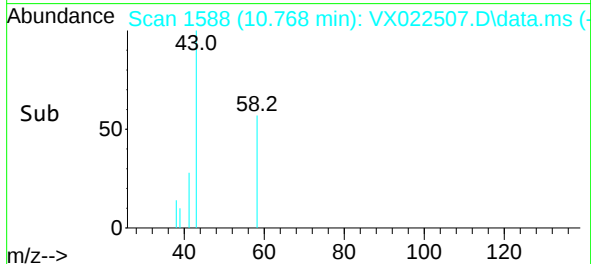
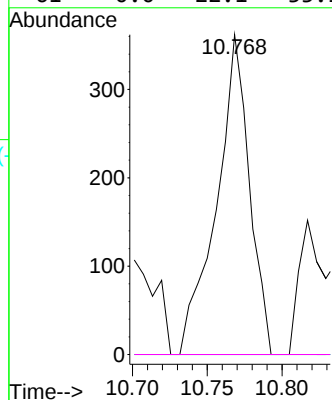
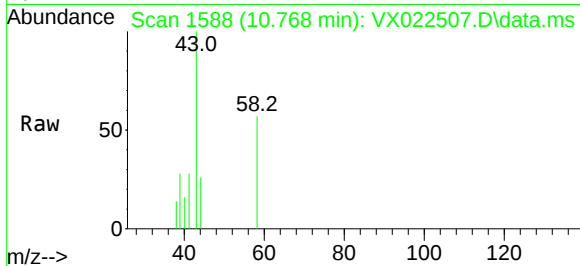




#74
N-amy1 acetate
Concen: 0.317 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

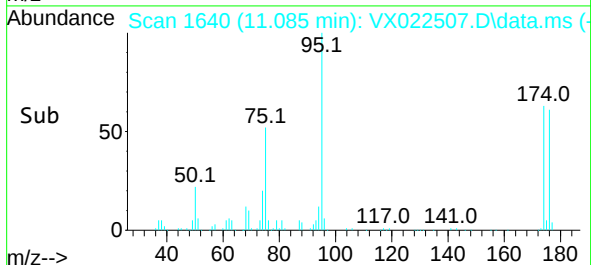
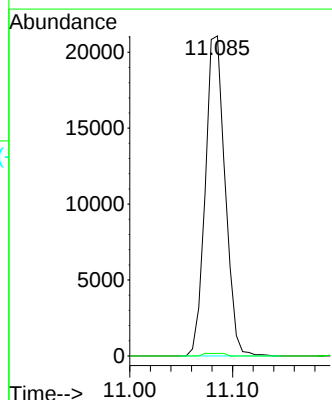
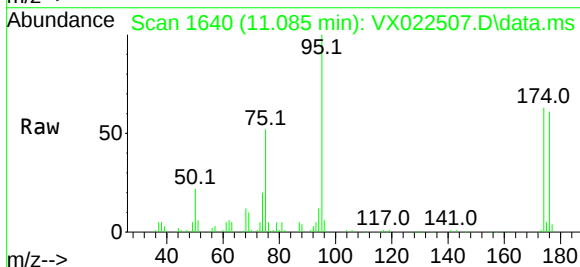
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

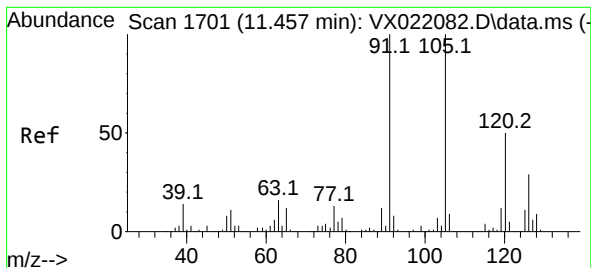
Tgt Ion: 43	Resp: 554
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.236 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion: 75	Resp: 28179
Ion Ratio	Lower Upper
75 100	
77 0.9	19.1 57.5#

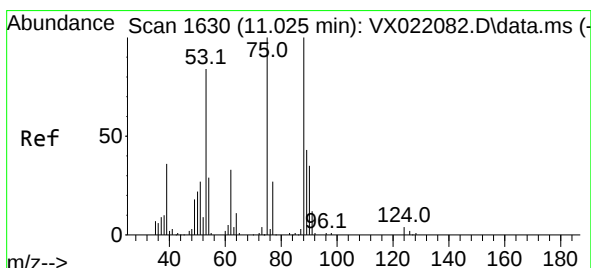
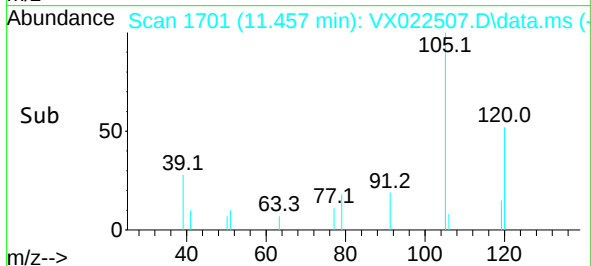
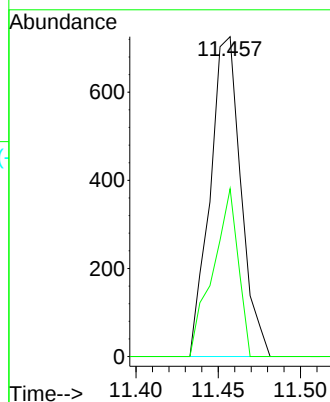
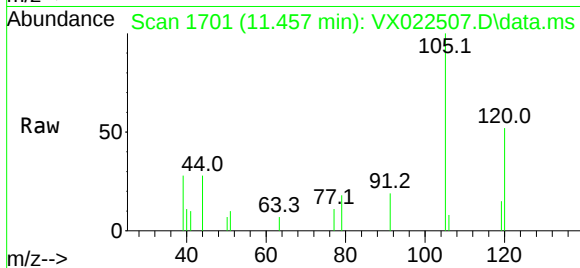




#80
1,3,5-Trimethylbenzene
Concen: 0.309 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#01

Tgt Ion:105 Resp: 945
Ion Ratio Lower Upper
105 100
120 43.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.162 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022507.D
Acq: 07 Jun 2021 03:32

Tgt Ion: 75 Resp: 28179
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

