

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022547.D
 Acq On : 07 Jun 2021 20:24
 Operator : JC/MD
 Sample : PB136857ZHE#19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136857ZHE#19

Quant Time: Jun 08 04:23:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

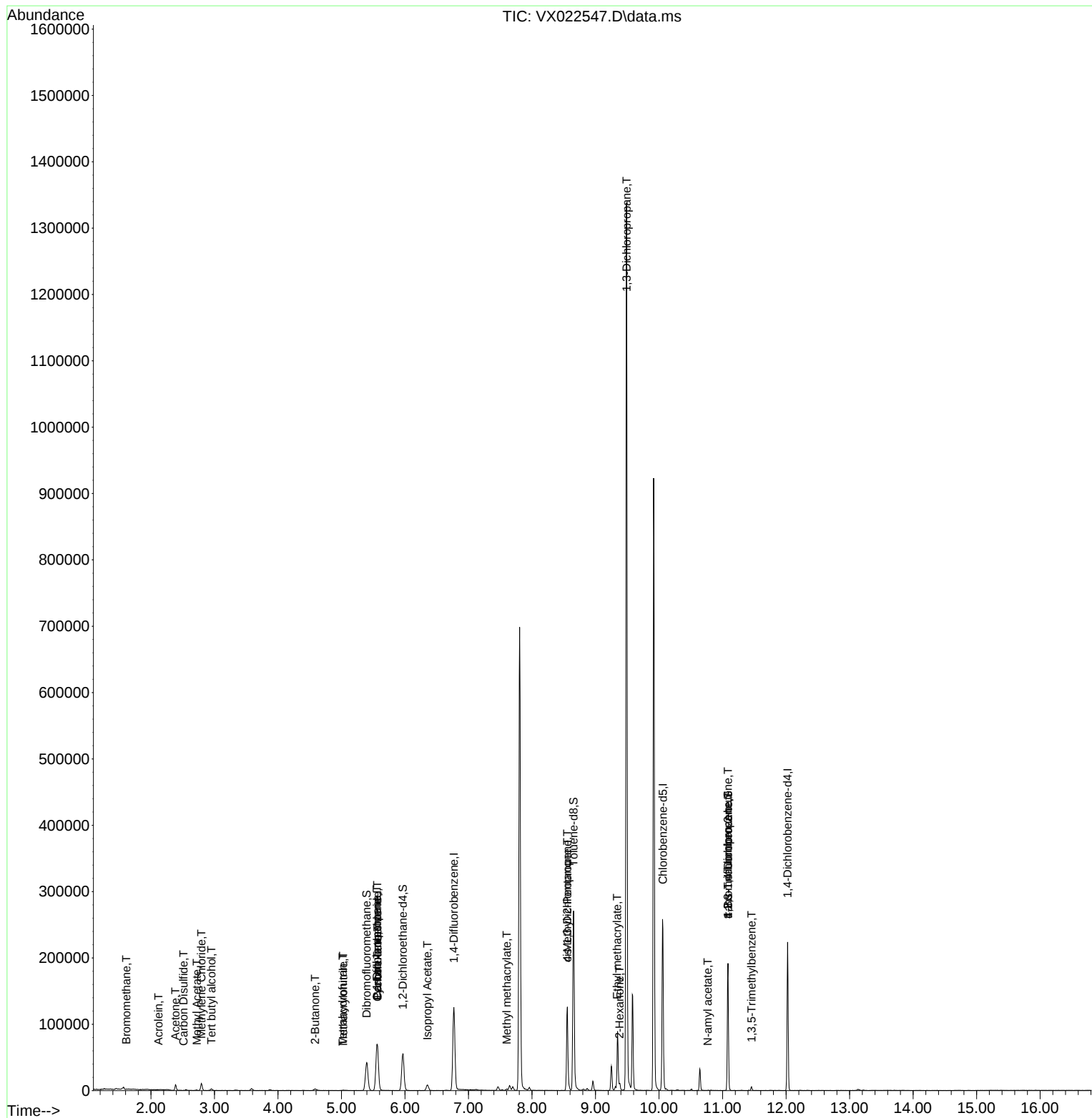
Internal Standards						
1) Pentafluorobenzene	5.562	168	60510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	109974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51385	47.768	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.540%		
35) Dibromofluoromethane	5.397	113	36266	47.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.240%		
50) Toluene-d8	8.653	98	155799	50.735	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.460%		
62) 4-Bromofluorobenzene	11.085	95	51299	44.943	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.880%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	116	0.265	ug/l #	75
11) Tert butyl alcohol	2.953	59	1364	5.653	ug/l #	73
13) Acrolein	2.117	56	65	3.677	ug/l #	52
16) Acetone	2.386	43	8467	17.517	ug/l	92
17) Carbon Disulfide	2.514	76	81	3.423	ug/l #	75
18) Methyl Acetate	2.721	43	725	0.544	ug/l	99
20) Methylene Chloride	2.794	84	4327	4.288	ug/l #	84
25) 2-Butanone	4.586	43	1959	2.452	ug/l #	88
29) Tetrahydrofuran	5.019	42	321	0.685	ug/l #	60
31) Cyclohexane	5.568	56	1701	1.337	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	6063	5.095	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7354	8.454	ug/l #	15
41) Methacrylonitrile	5.025	41	206	0.245	ug/l #	1
43) Isopropyl Acetate	6.354	43	11995	4.845	ug/l #	91
48) Methyl methacrylate	7.604	41	3176	2.757	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	44328	28.738	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	19397	13.919	ug/l #	63
56) Ethyl methacrylate	9.342	69	355	2.902	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	11284	6.946	ug/l #	42
59) 2-Hexanone	9.378	43	4891	4.151	ug/l #	19
74) N-amyl acetate	10.768	43	433	0.249	ug/l #	41
76) 1,2,3-Trichloropropane	11.085	75	28222	27.405	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2500	0.903	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	28222	67.259	ug/l #	12

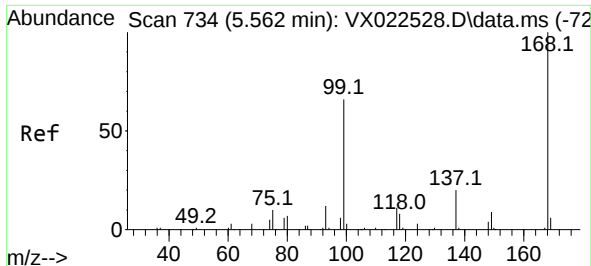
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

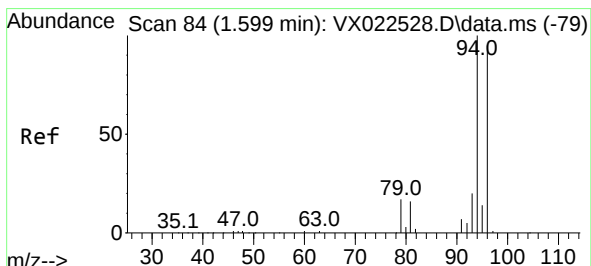
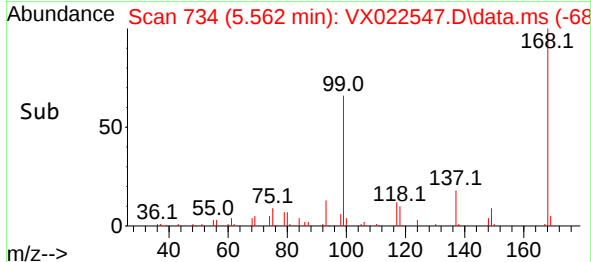
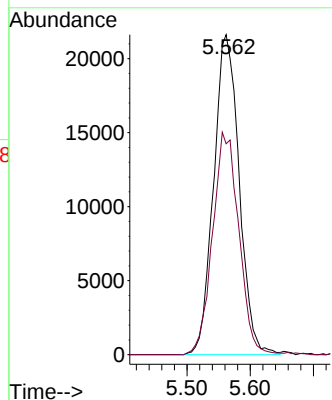
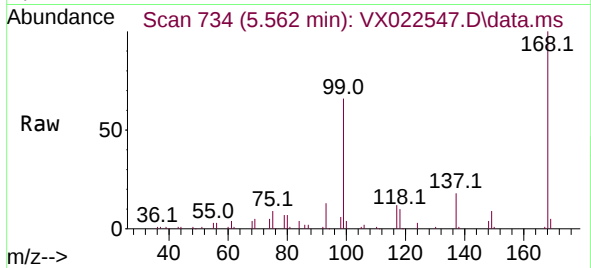




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

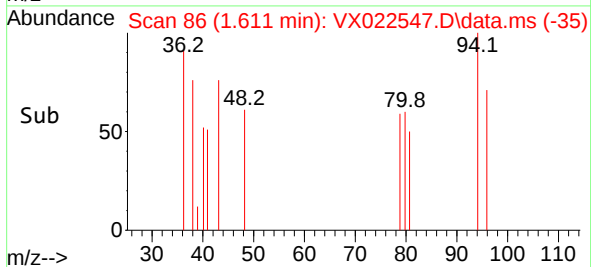
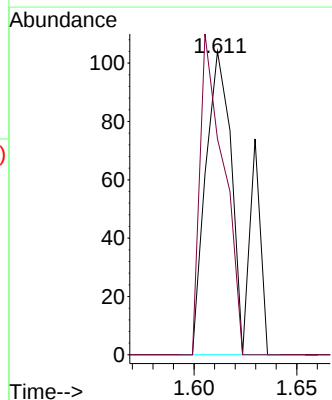
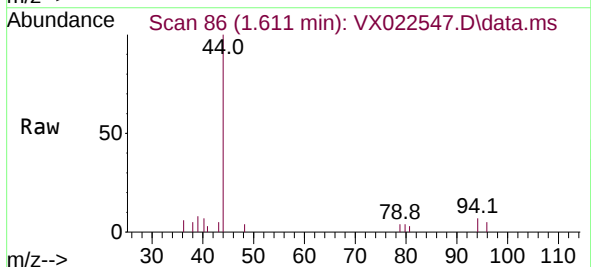
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

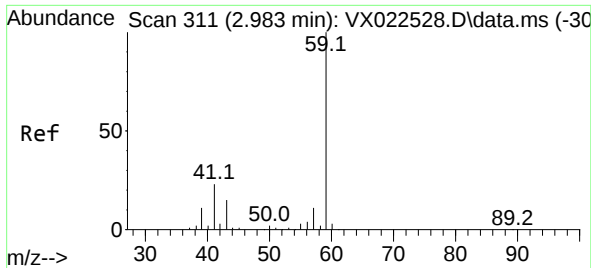
Tgt Ion:168 Resp: 60510
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.6



#5
Bromomethane
Concen: 0.265 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 71.2 76.4 114.6#

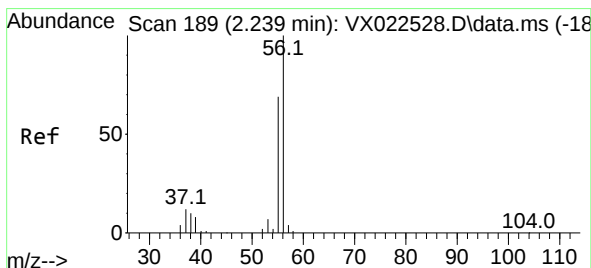
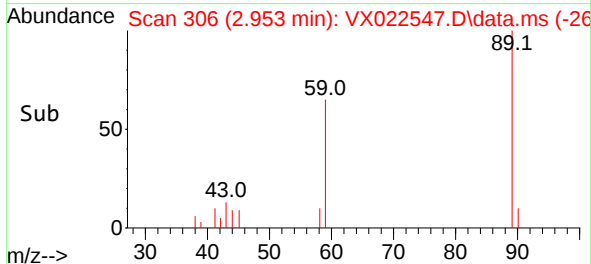
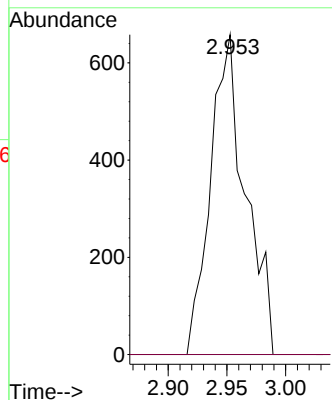
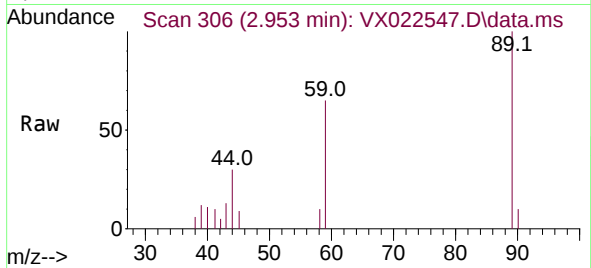




#11
Tert butyl alcohol
Concen: 5.653 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

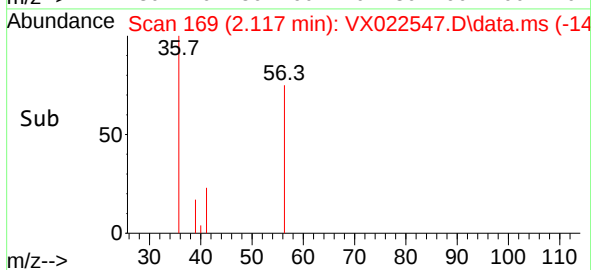
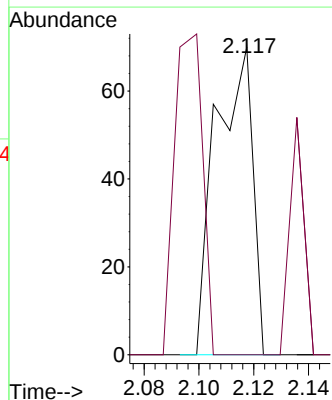
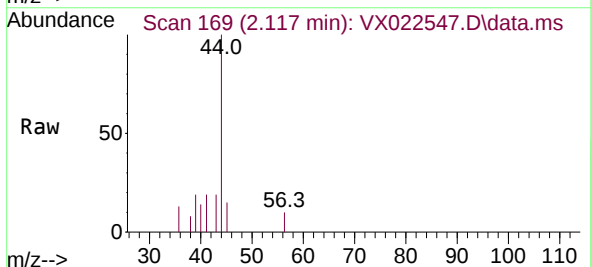
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

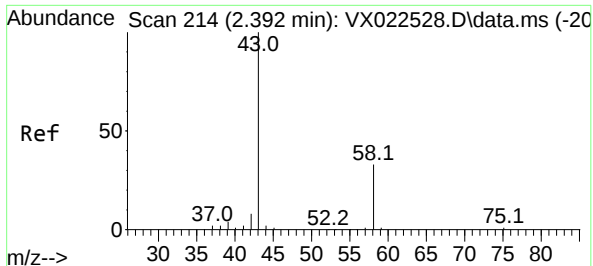
Tgt Ion: 59 Resp: 1364
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.677 ug/l
RT: 2.117 min Scan# 169
Delta R.T. -0.122 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 30.8 56.4 84.6#

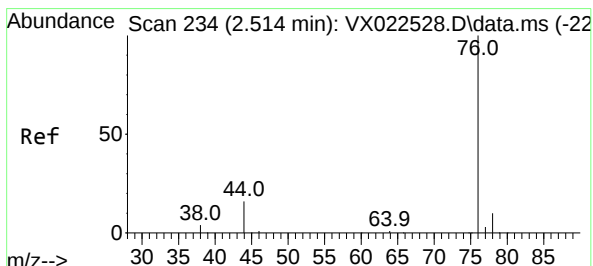
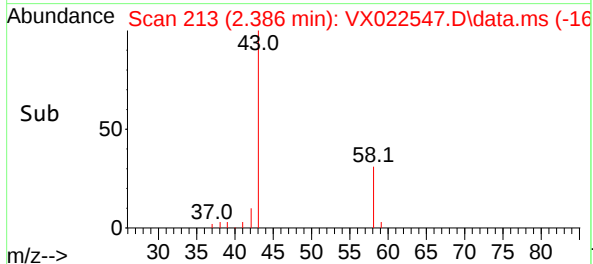
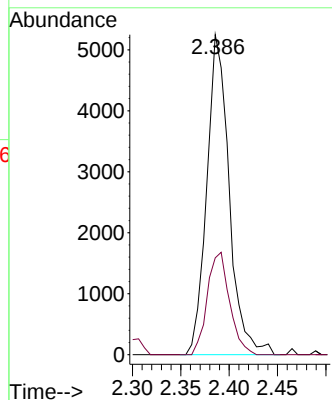
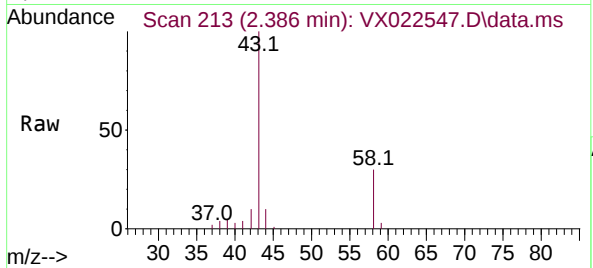




#16
Acetone
Concen: 17.517 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

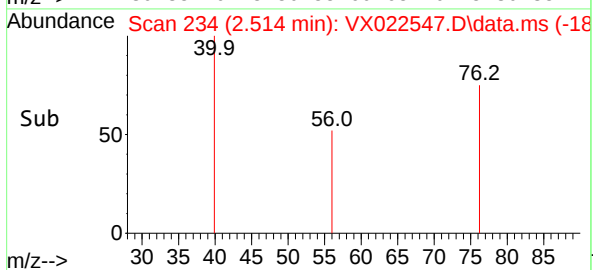
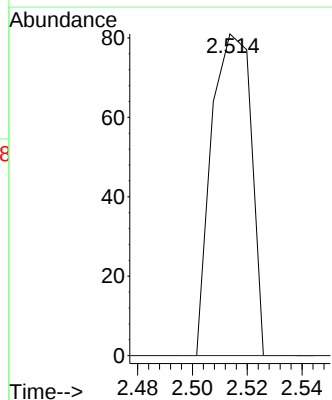
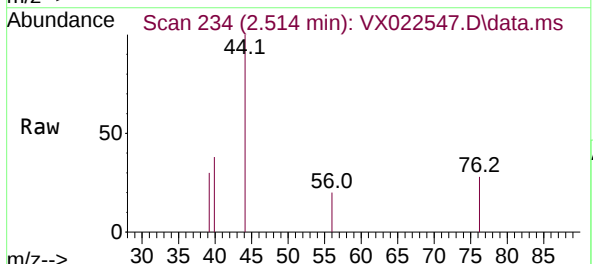
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

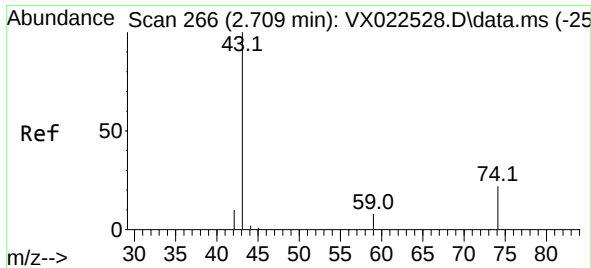
Tgt Ion: 43 Resp: 8467
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#17
Carbon Disulfide
Concen: 3.423 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 76 Resp: 81
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

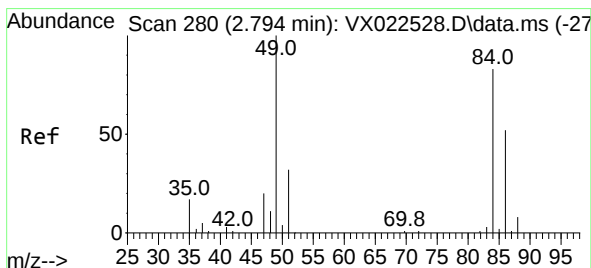
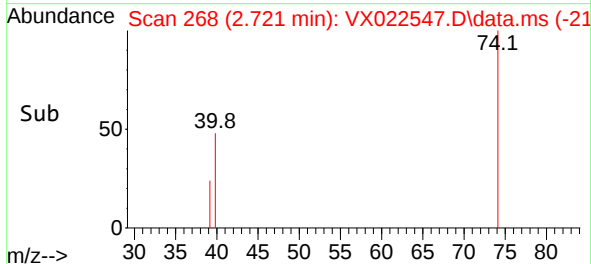
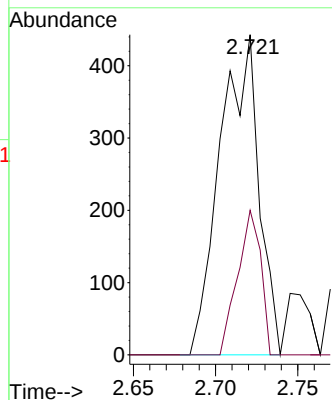
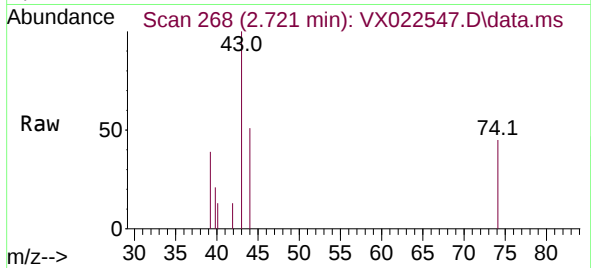




#18
Methyl Acetate
Concen: 0.544 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

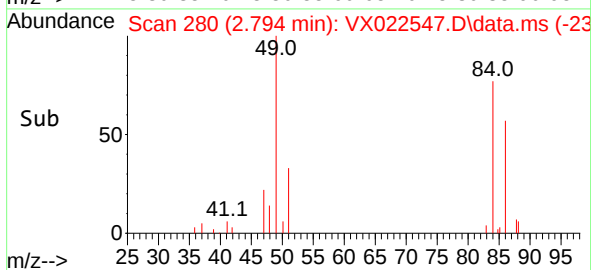
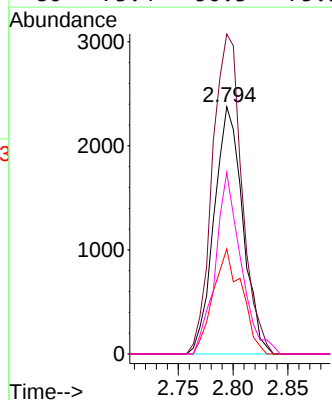
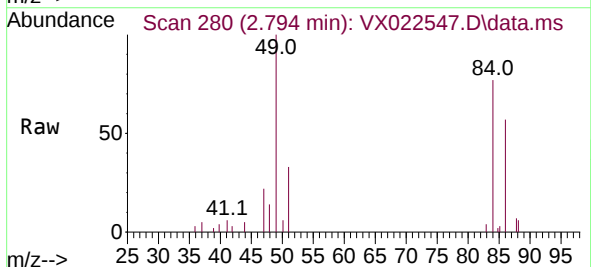
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

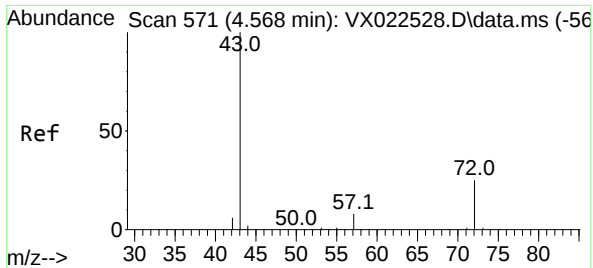
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
74 27.0 21.9 32.9



#20
Methylene Chloride
Concen: 4.288 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 84 Resp: 4327
Ion Ratio Lower Upper
84 100
49 129.5 88.6 132.8
51 42.6 27.0 40.6#
86 73.4 50.3 75.5

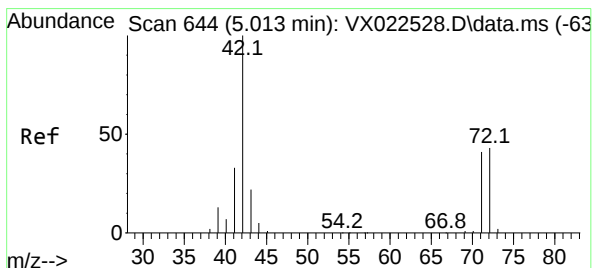
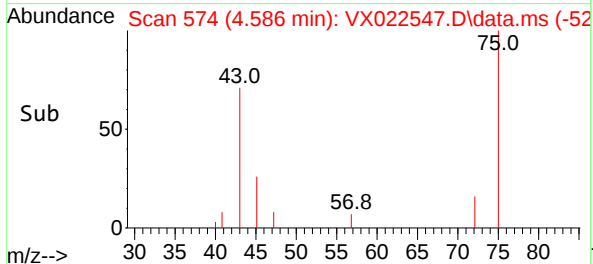
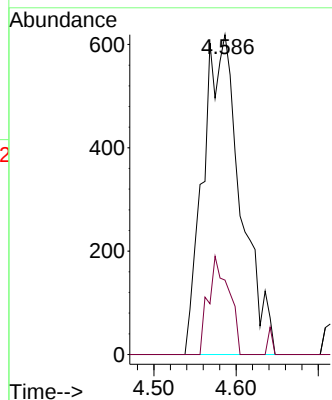
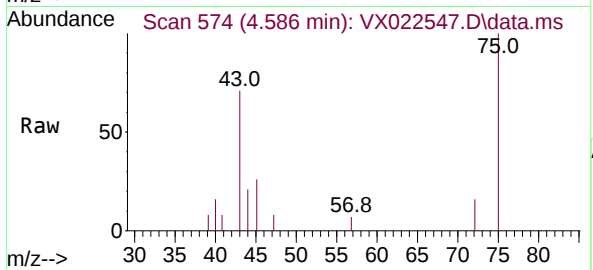




#25
2-Butanone
Concen: 2.452 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

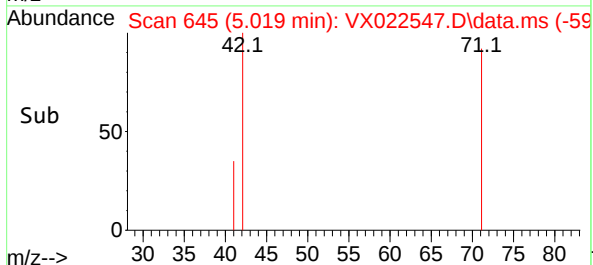
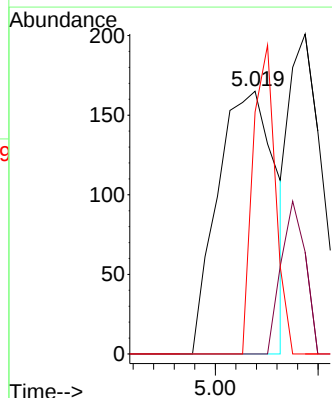
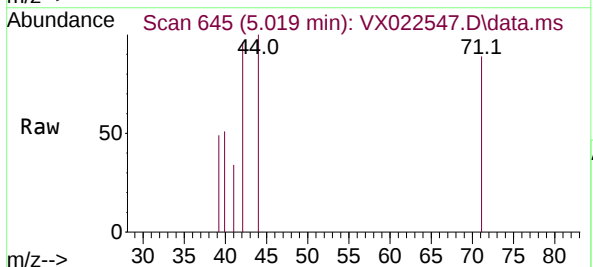
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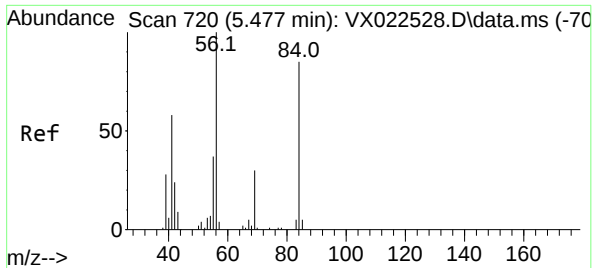
Tgt Ion: 43 Resp: 1959
Ion Ratio Lower Upper
43 100
72 23.3 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.685 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 42 Resp: 321
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 45.8 38.4 57.6

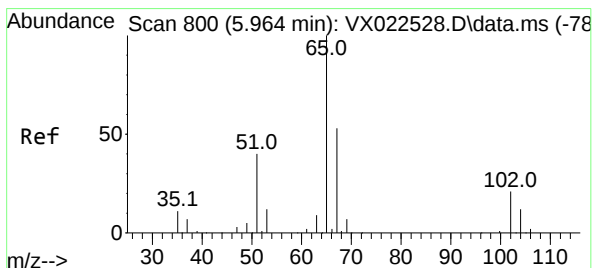
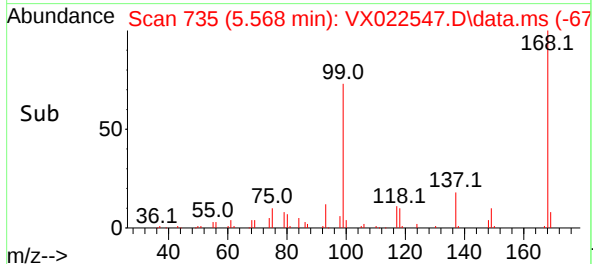
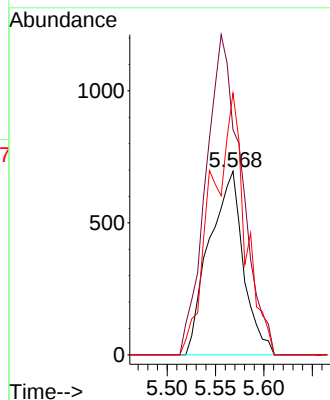
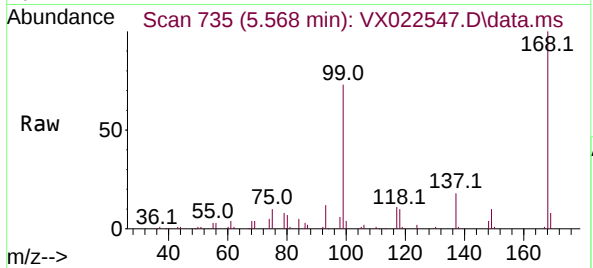




#31
Cyclohexane
Concen: 1.337 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

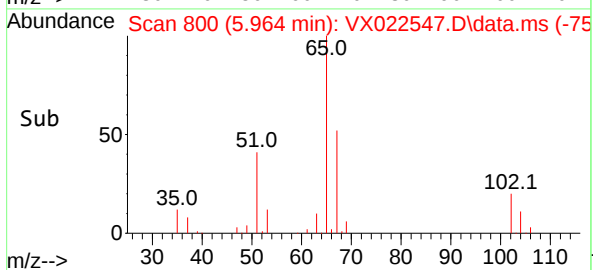
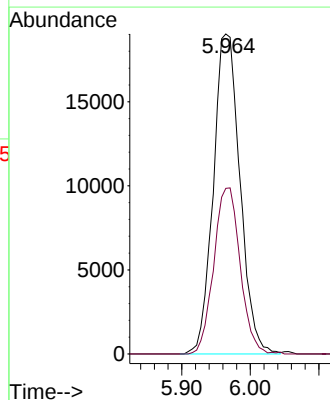
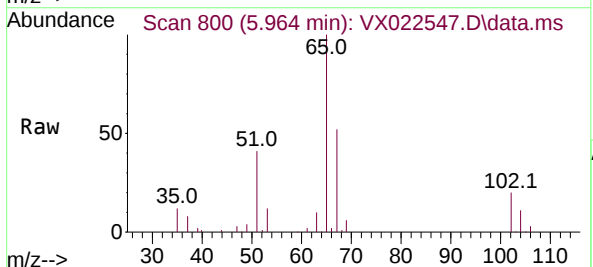
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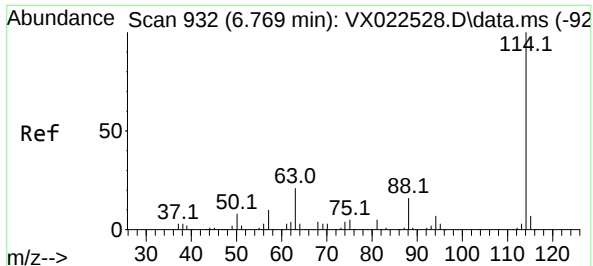
Tgt Ion: 56 Resp: 1701
Ion Ratio Lower Upper
56 100
69 122.7 25.3 37.9#
84 142.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.768 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 65 Resp: 51385
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

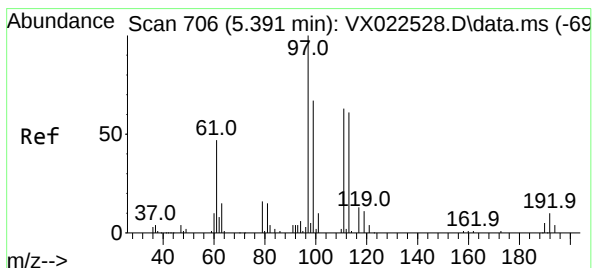
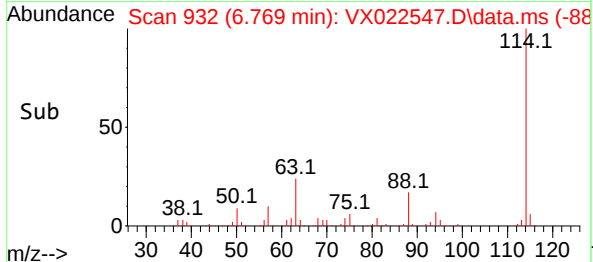
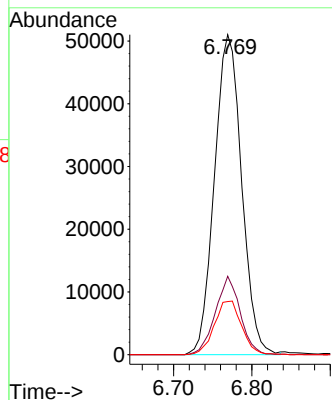
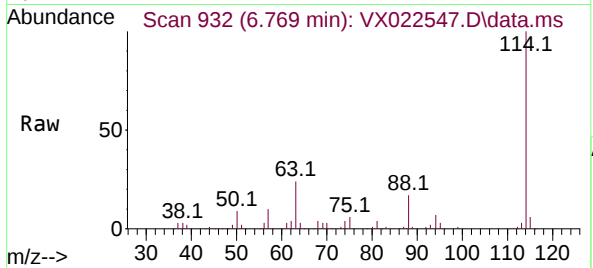




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

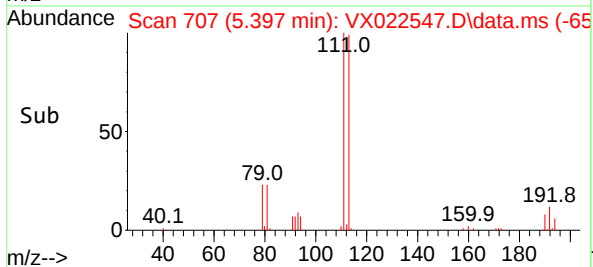
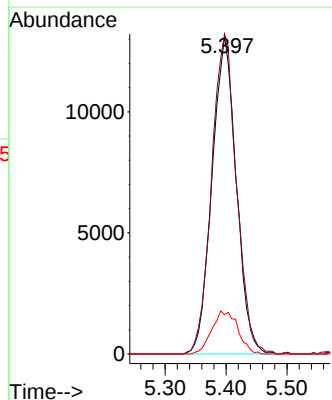
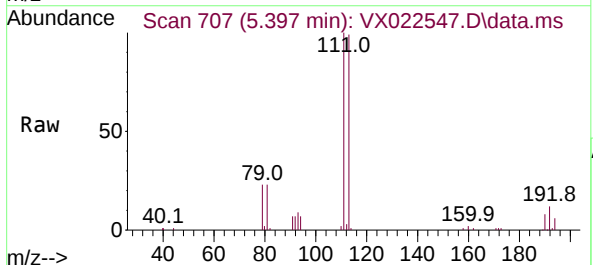
Instrument :
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ClientSampleId :
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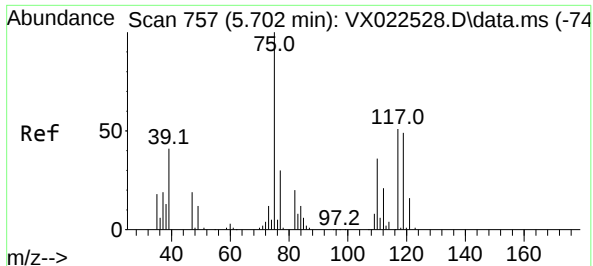
Tgt Ion:	114	Resp:	123009
Ion Ratio	Lower	Upper	
114	100		
63	24.5	0.0	40.8
88	16.6	0.0	32.8



#35
Dibromofluoromethane
Concen: 47.122 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion:	113	Resp:	36266
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.9	122.9
192	14.5	16.7	25.1#





#36

1,1-Dichloropropene

Concen: 5.095 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022547.D

Acq: 07 Jun 2021 20:24

Tgt Ion: 75 Resp: 6063

Ion Ratio Lower Upper

75 100

110 7.5 18.1 54.4#

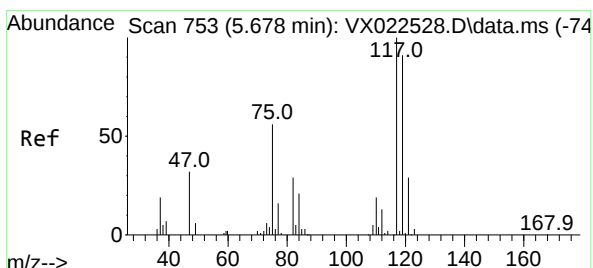
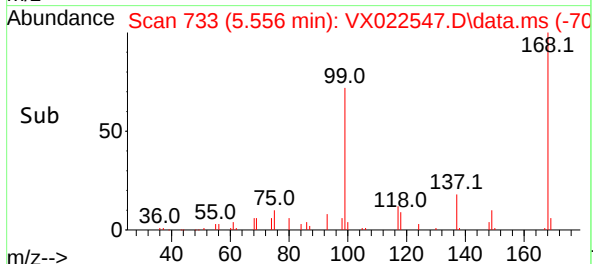
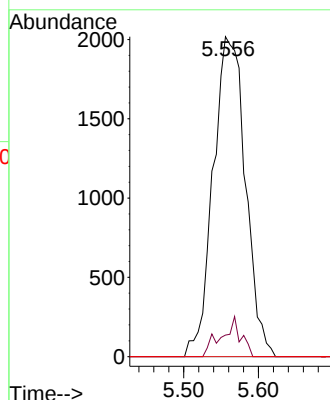
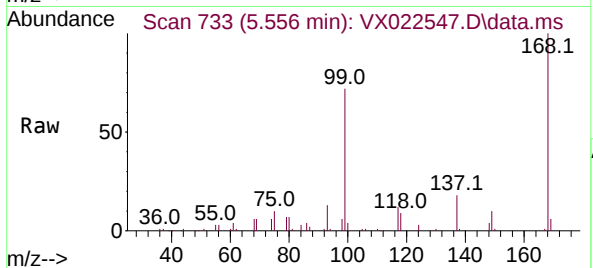
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

PB136857ZHE#19



#38

Carbon Tetrachloride

Concen: 8.454 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022547.D

Acq: 07 Jun 2021 20:24

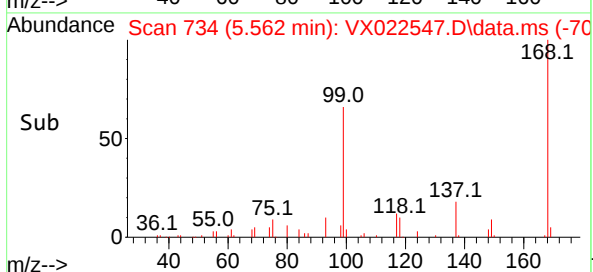
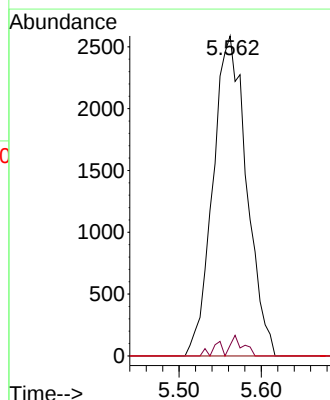
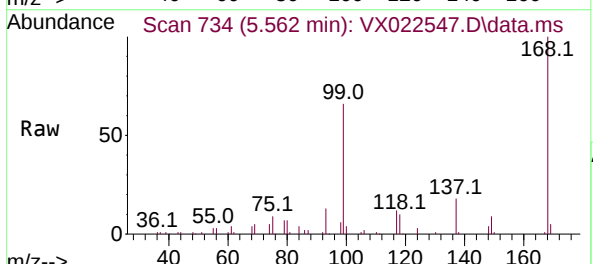
Tgt Ion: 117 Resp: 7354

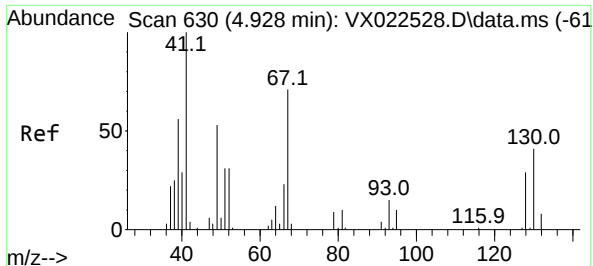
Ion Ratio Lower Upper

117 100

119 3.3 76.2 114.2#

121 0.0 24.8 37.2#

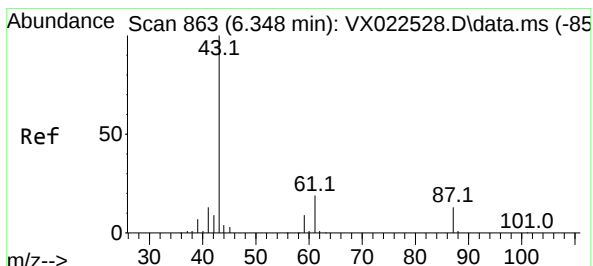
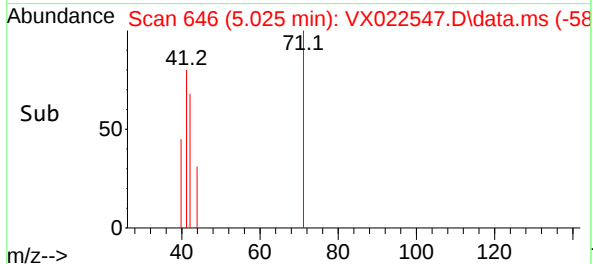
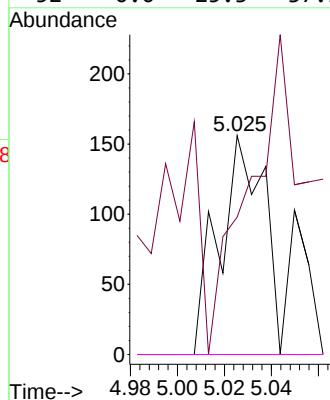
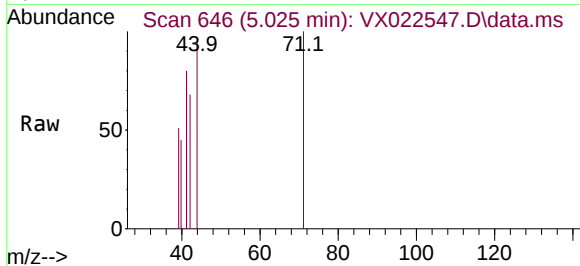




#41
Methacrylonitrile
Concen: 0.245 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

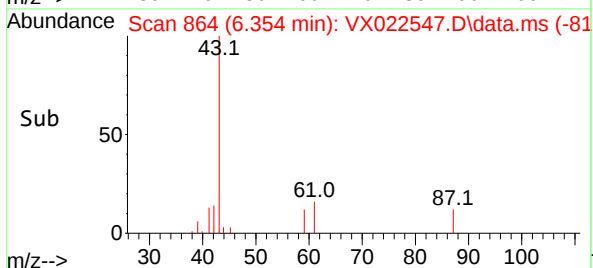
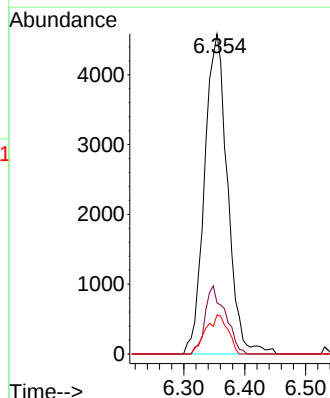
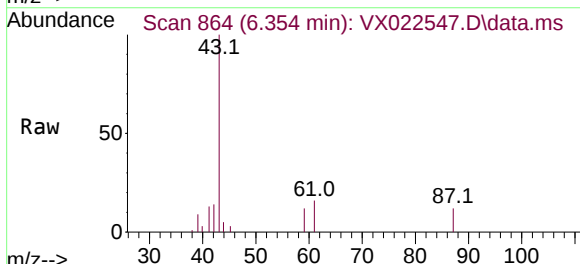
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

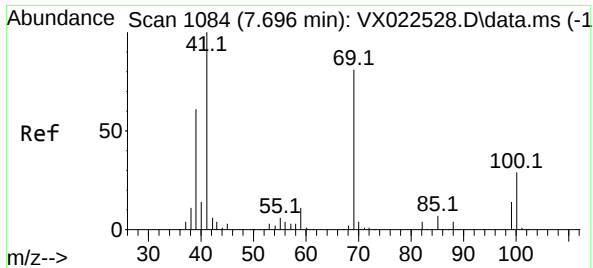
Tgt Ion:	41	Resp:	206
Ion	Ratio	Lower	Upper
41	100		
39	195.1	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.845 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion:	43	Resp:	11995
Ion	Ratio	Lower	Upper
43	100		
61	18.8	18.2	27.4
87	11.7	12.5	18.7#

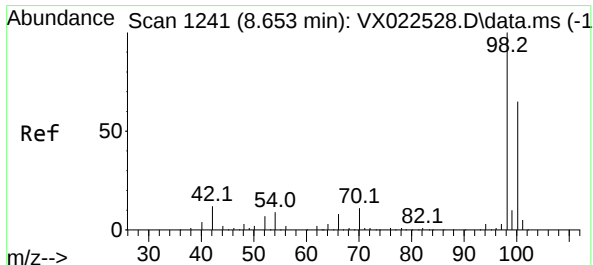
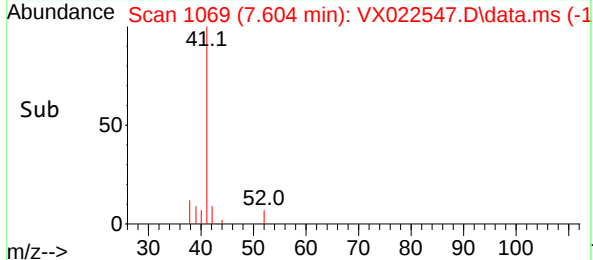
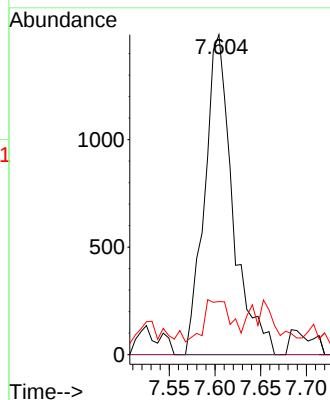
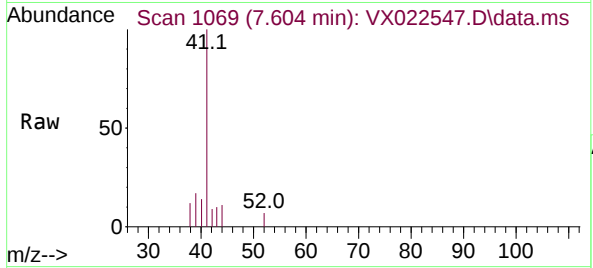




#48
Methyl methacrylate
Concen: 2.757 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

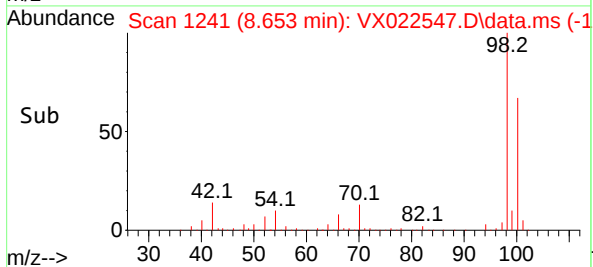
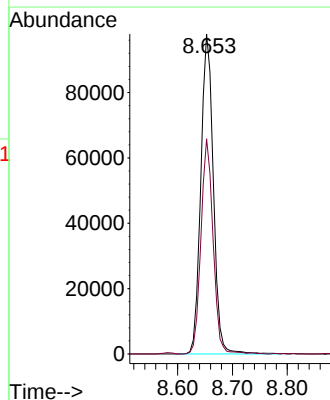
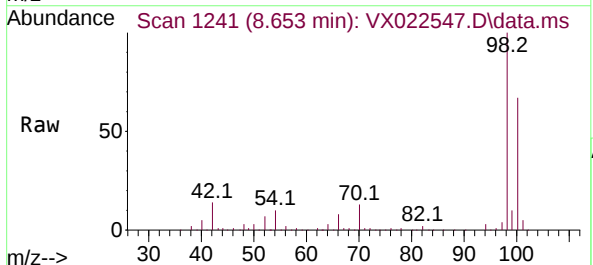
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

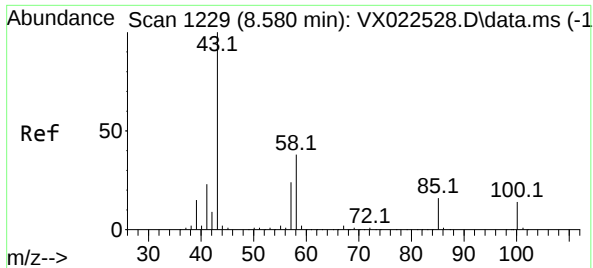
Tgt Ion: 41 Resp: 3176
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.735 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 98 Resp: 155799
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

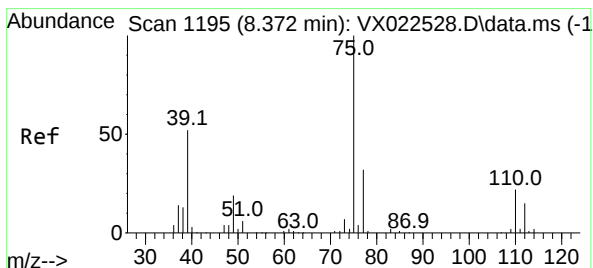
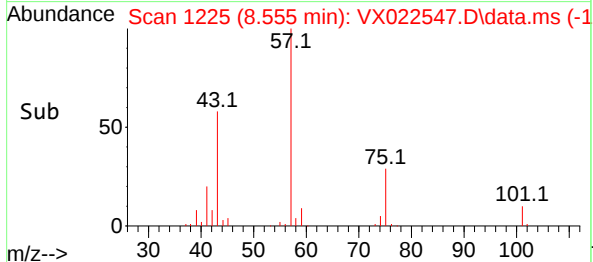
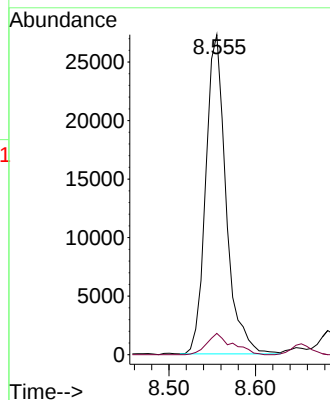
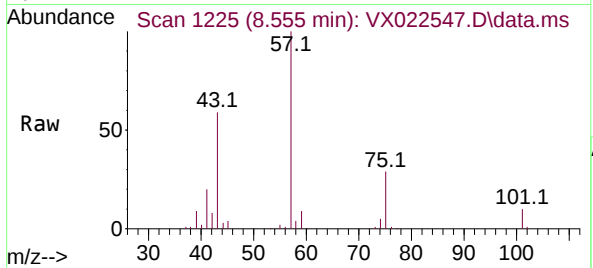




#51
4-Methyl-2-Pentanone
Concen: 28.738 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

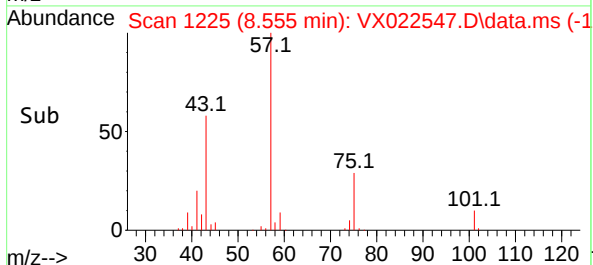
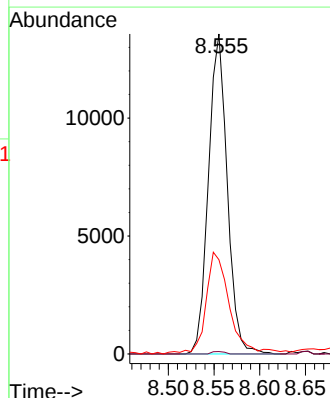
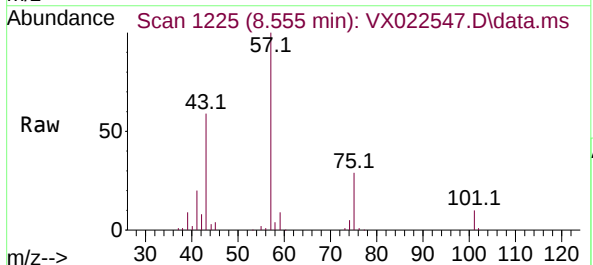
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

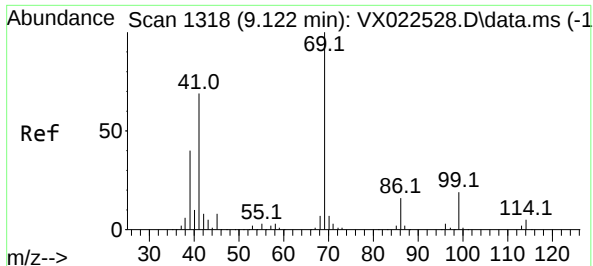
Tgt Ion: 43 Resp: 44328
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.919 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 75 Resp: 19397
Ion Ratio Lower Upper
75 100
77 0.7 25.7 38.5#
39 28.9 35.1 52.7#

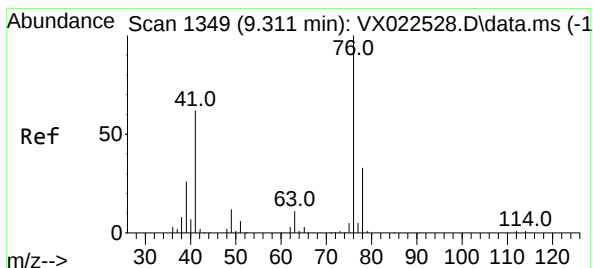
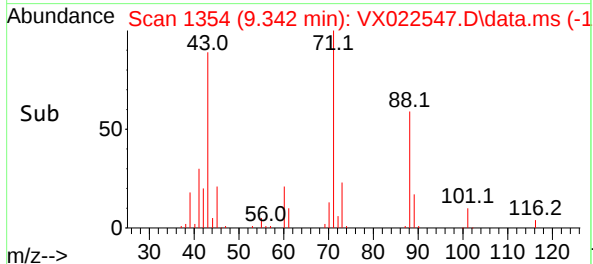
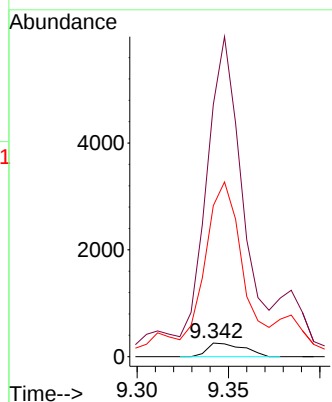
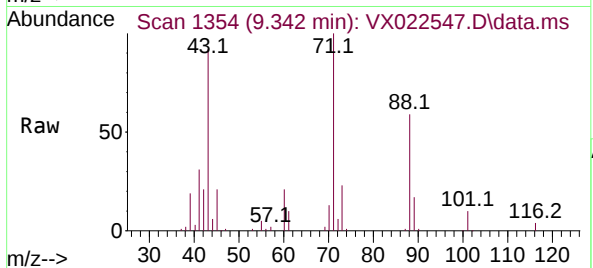




#56
Ethyl methacrylate
Concen: 2.902 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

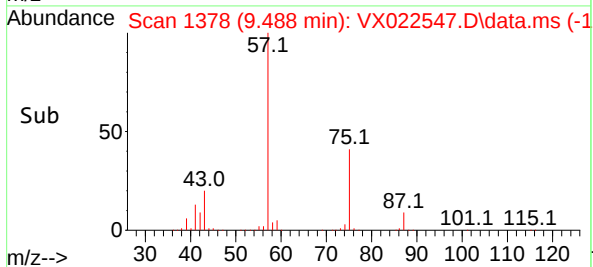
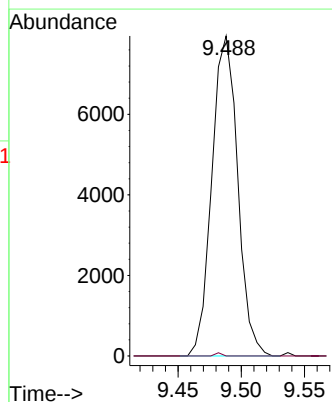
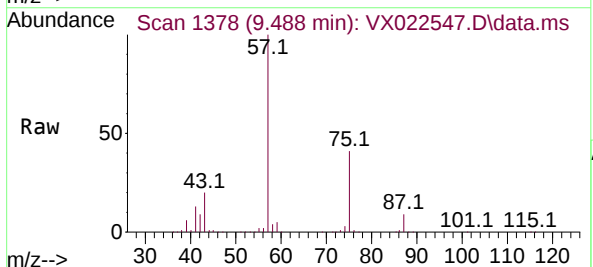
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

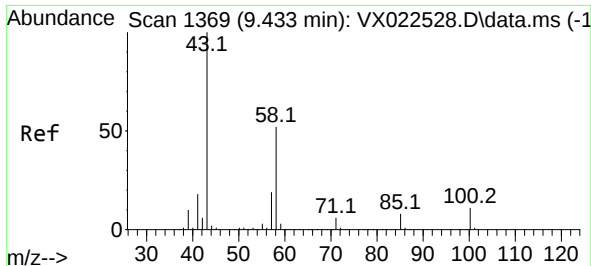
Tgt Ion: 69 Resp: 355
Ion Ratio Lower Upper
69 100
41 2412.4 46.8 70.2#
39 1354.6 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.946 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 76 Resp: 11284
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

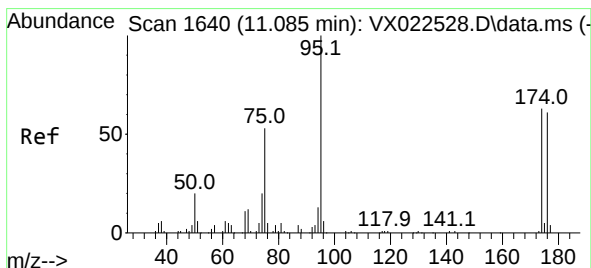
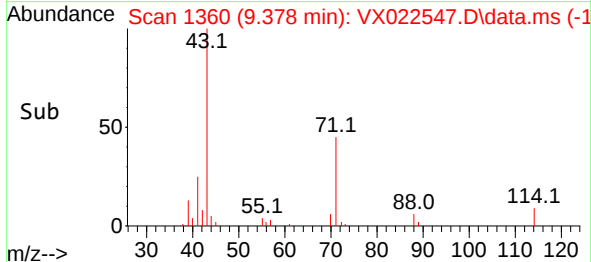
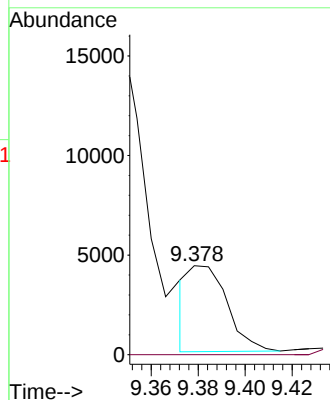
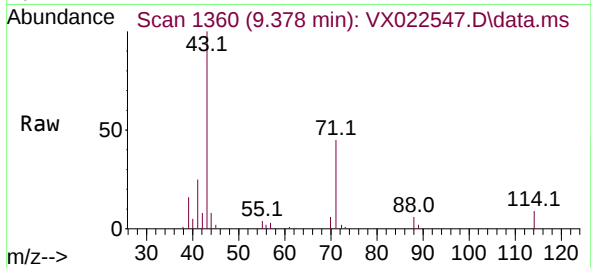




#59
2-Hexanone
Concen: 4.151 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

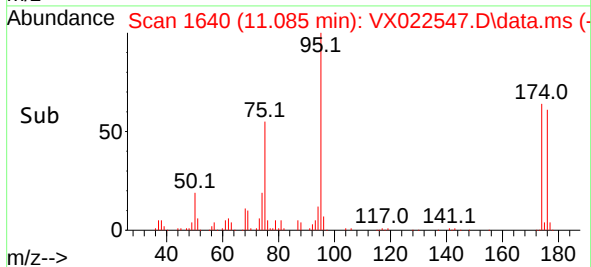
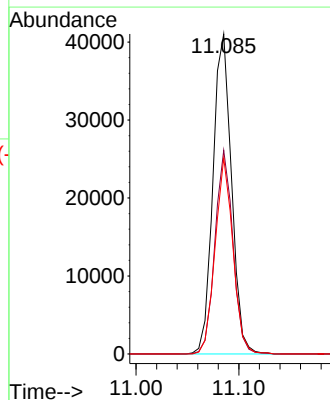
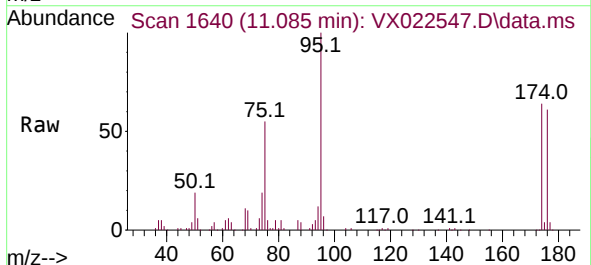
Instrument :
MSVOA_X
ClientSampleId :
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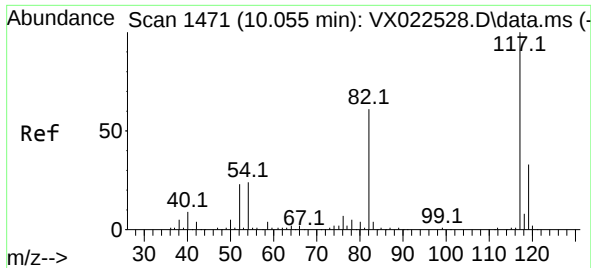
Tgt Ion: 43 Resp: 4891
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 44.943 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 95 Resp: 51299
Ion Ratio Lower Upper
95 100
174 61.4 0.0 154.6
176 58.9 0.0 155.8

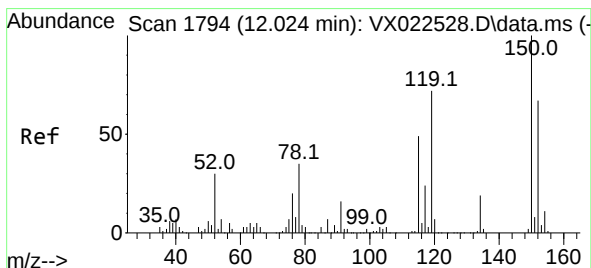
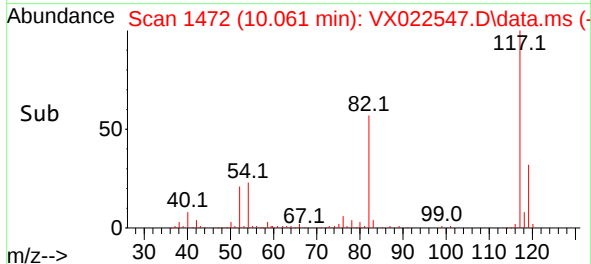
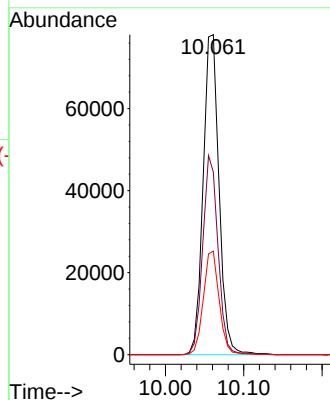
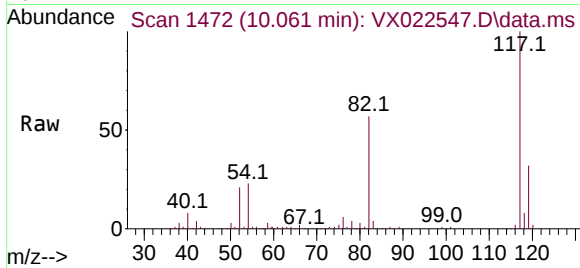




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

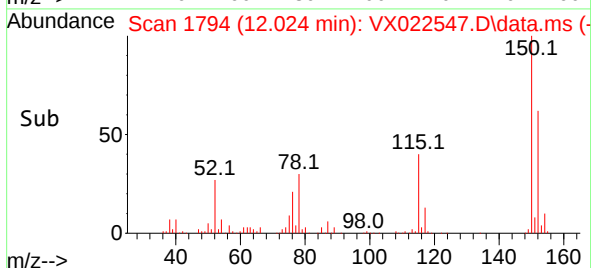
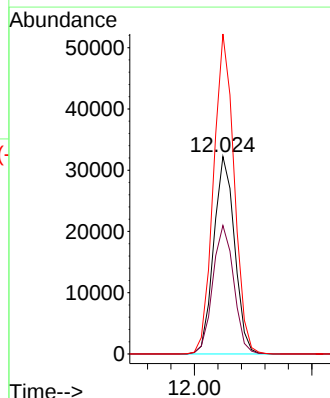
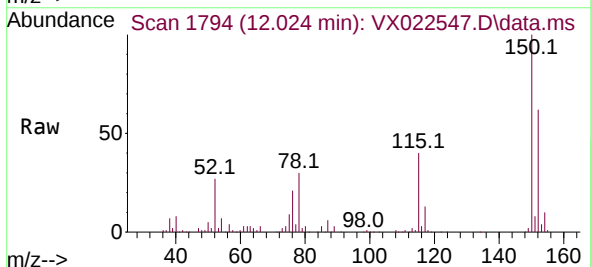
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ClientSampleId :
PB136857ZHE#19

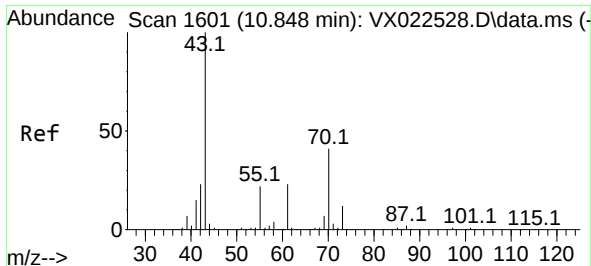
Tgt Ion:117 Resp: 109974
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion:152 Resp: 39751
Ion Ratio Lower Upper
152 100
115 65.7 41.1 123.3
150 160.3 0.0 349.0

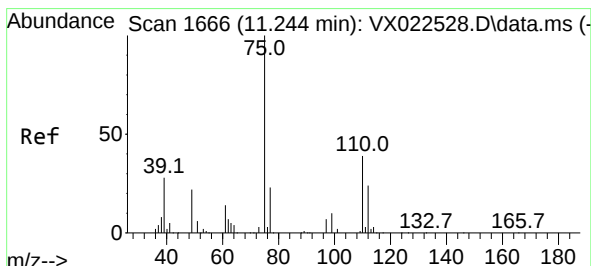
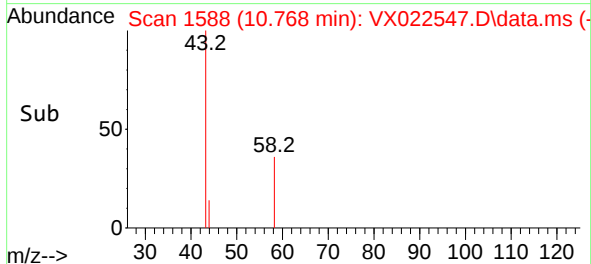
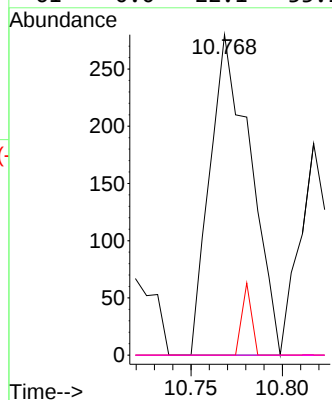
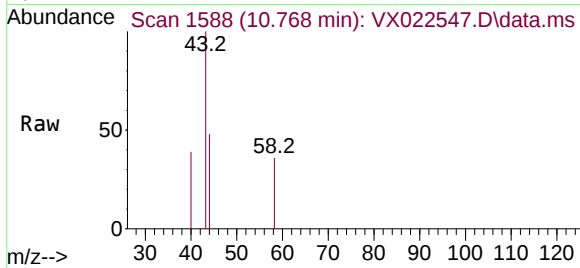




#74
N-amy1 acetate
Concen: 0.249 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

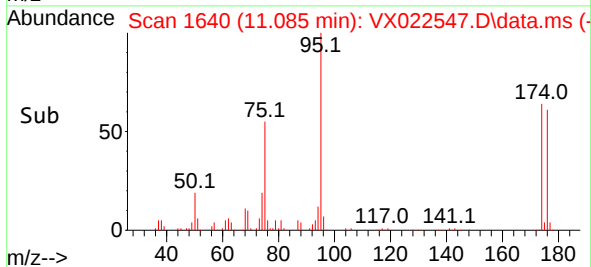
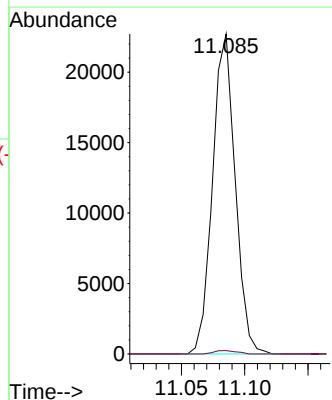
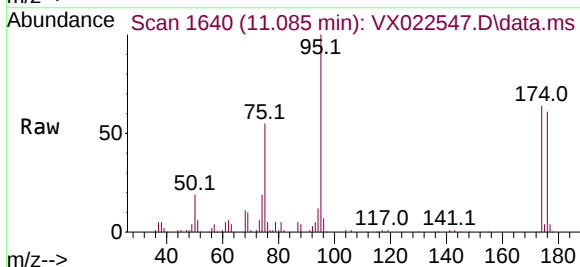
Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

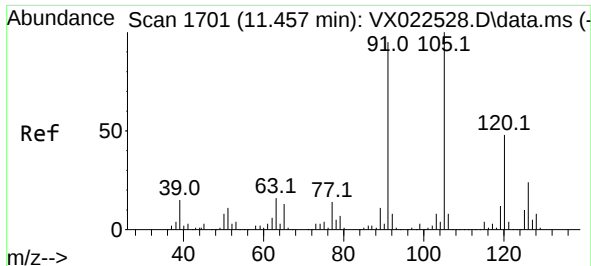
Tgt Ion: 43	Resp: 433
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 5.3	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 27.405 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 75	Resp: 28222
Ion Ratio	Lower Upper
75 100	
77 1.1	19.1 57.5#

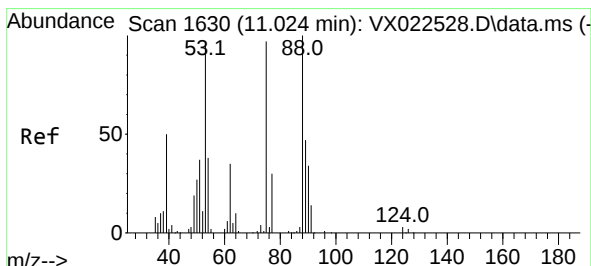
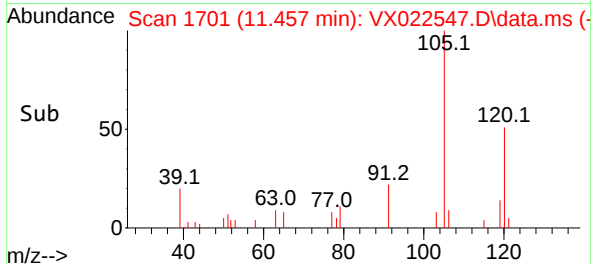
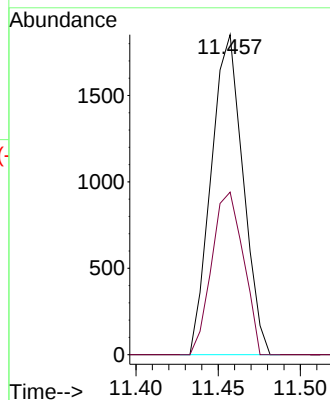
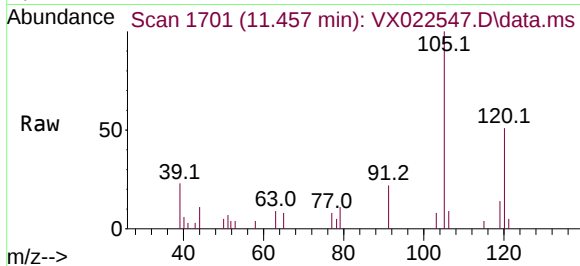




#80
1,3,5-Trimethylbenzene
Concen: 0.903 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Instrument :
MSVOA_X
ClientSampleId :
PB136857ZHE#19

Tgt Ion:105 Resp: 2500
Ion Ratio Lower Upper
105 100
120 50.4 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 67.259 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022547.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 75 Resp: 28222
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

