

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021394.D
 Acq On : 23 Mar 2021 18:30
 Operator : JC/MD
 Sample : PB135263TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135263TB

Quant Time: Mar 24 01:59:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

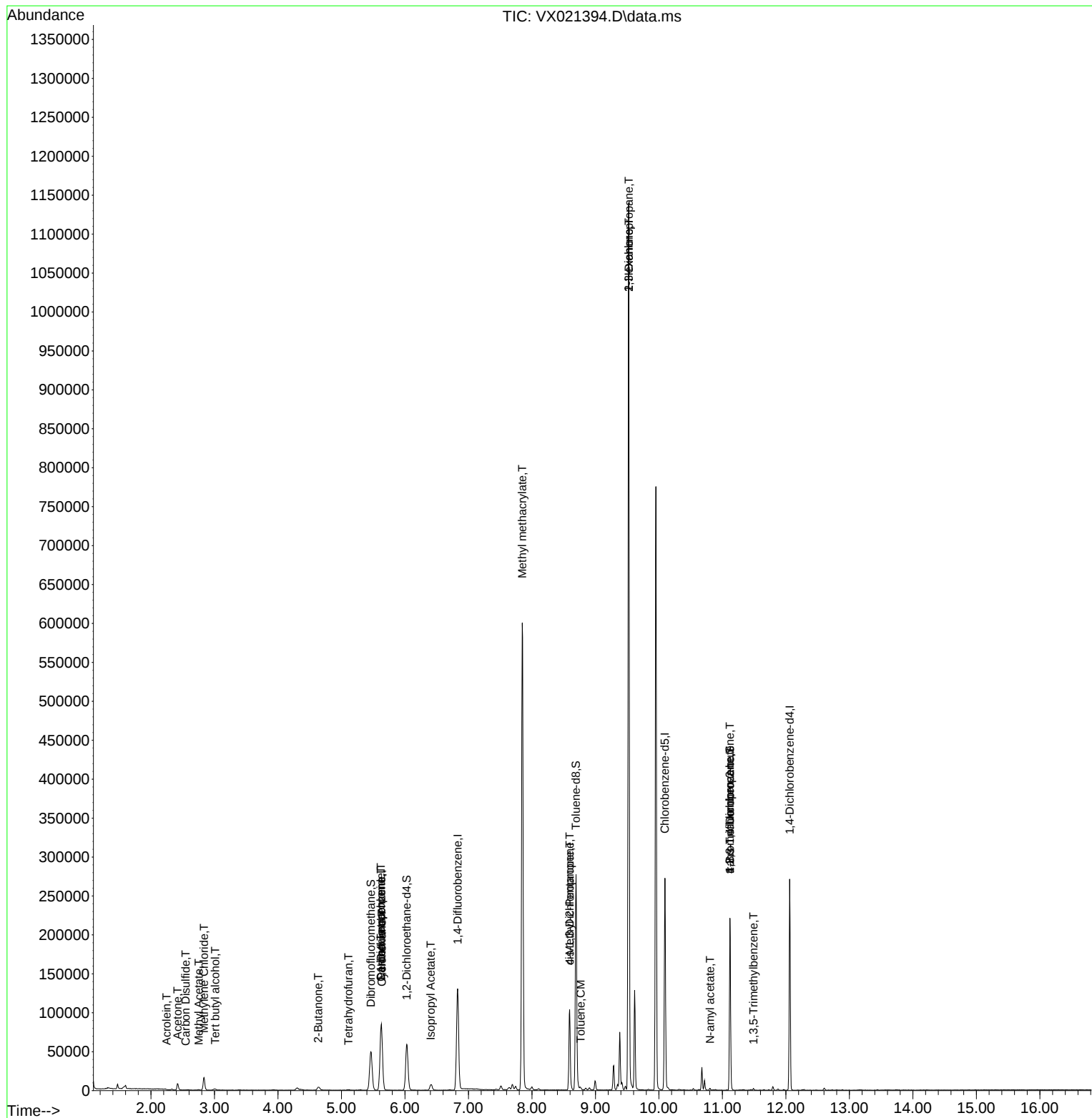
Internal Standards						
1) Pentafluorobenzene	5.629	168	73632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	120354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59198	49.02	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.04%			
35) Dibromofluoromethane	5.464	113	41242	50.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.72%			
50) Toluene-d8	8.694	98	153204	51.56	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.12%			
62) 4-Bromofluorobenzene	11.118	95	55661	48.23	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.46%			
Target Compounds					Qvalue	
3) Chloromethane	1.311	50	747	Below Cal		96
11) Tert butyl alcohol	3.011	59	1651	8.14	ug/l	97
13) Acrolein	2.246	56	18	3.27	ug/l #	57
16) Acetone	2.417	43	8880	19.98	ug/l #	88
17) Carbon Disulfide	2.546	76	32	0.55	ug/l #	75
18) Methyl Acetate	2.752	43	813	0.67	ug/l #	73
20) Methylene Chloride	2.835	84	6805	7.45	ug/l #	84
25) 2-Butanone	4.635	43	6290	9.21	ug/l	90
29) Tetrahydrofuran	5.111	42	445	0.99	ug/l #	34
31) Cyclohexane	5.635	56	2056	1.41	ug/l #	41
36) 1,1-Dichloropropene	5.623	75	6793	5.60	ug/l #	49
38) Carbon Tetrachloride	5.623	117	8047	6.39	ug/l #	17
43) Isopropyl Acetate	6.406	43	10111	4.39	ug/l #	90
48) Methyl methacrylate	7.847	41	55965	45.79	ug/l #	38
49) 1,4-Dioxane	7.847	88	41	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.594	43	37125	27.69	ug/l #	43
52) Toluene	8.765	92	793	0.38	ug/l	86
54) cis-1,3-Dichloropropene	8.594	75	14576	9.76	ug/l #	72
57) 1,3-Dichloropropane	9.524	76	8677	5.90	ug/l #	42
59) 2-Hexanone	9.524	43	139589	139.10	ug/l #	42
74) N-amyl acetate	10.806	43	1027	0.56	ug/l #	44
76) 1,2,3-Trichloropropane	11.118	75	30865	27.25	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.489	105	1046	0.34	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.118	75	30865	73.99	ug/l #	12

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

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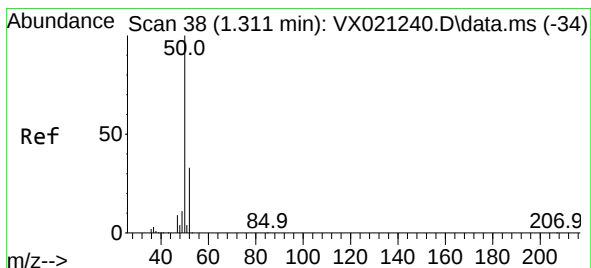
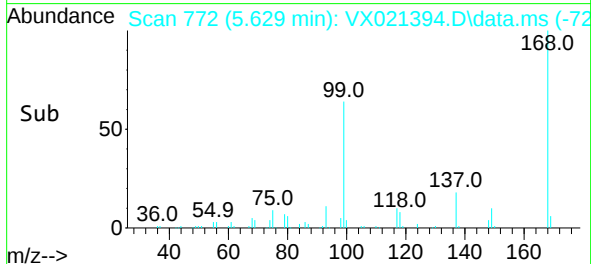
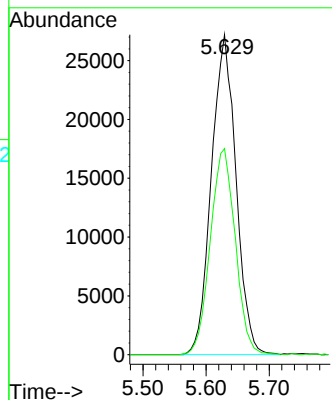
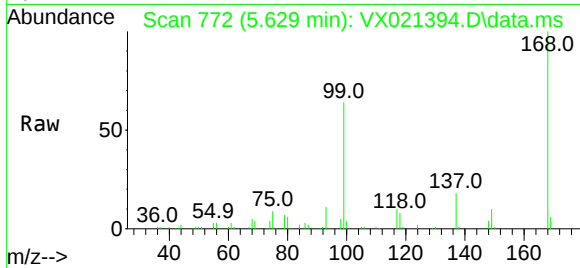




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

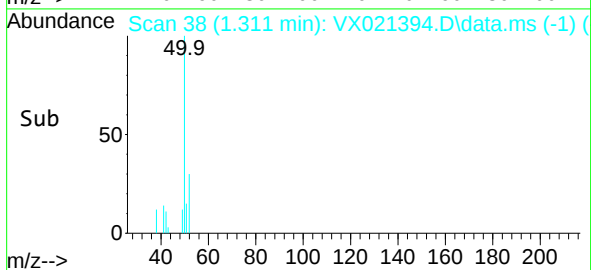
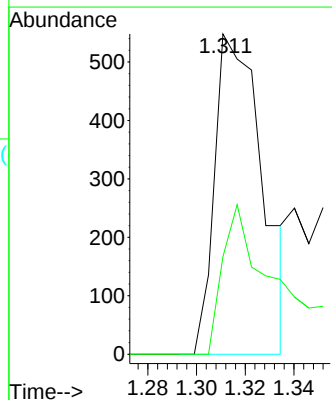
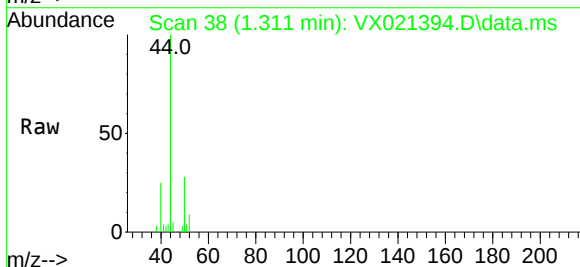
Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

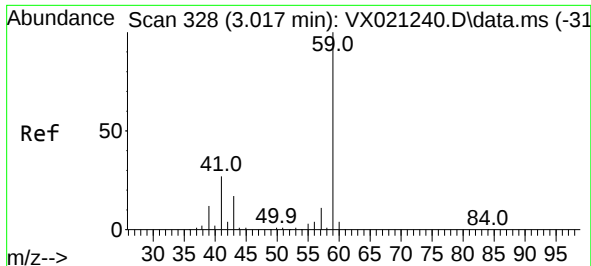
Tgt Ion:168 Resp: 73632
Ion Ratio Lower Upper
168 100
99 64.4 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 50 Resp: 747
Ion Ratio Lower Upper
50 100
52 30.5 26.4 39.6

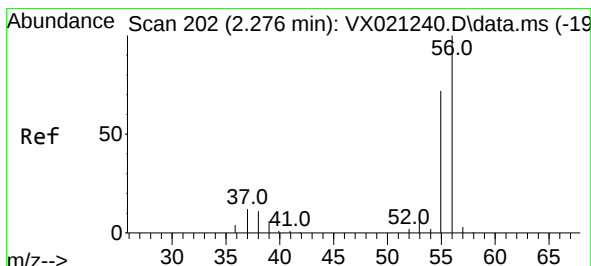
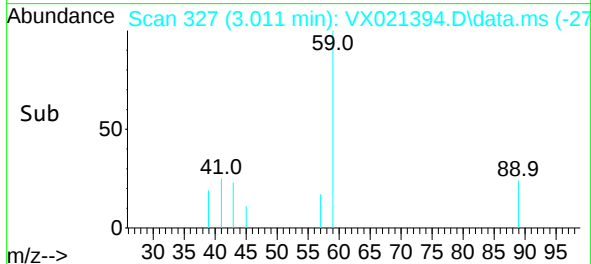
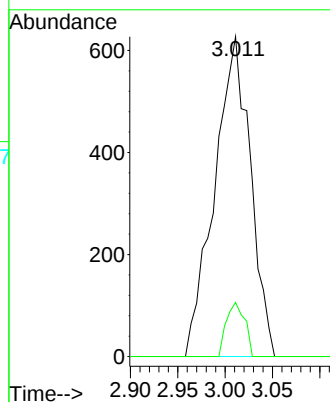
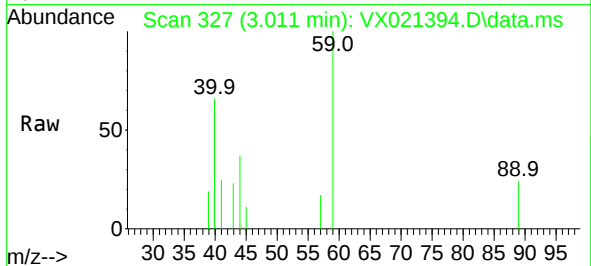




#11
Tert butyl alcohol
Concen: 8.14 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

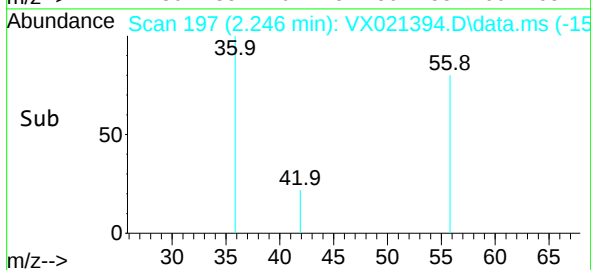
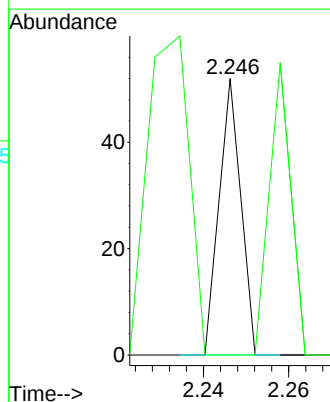
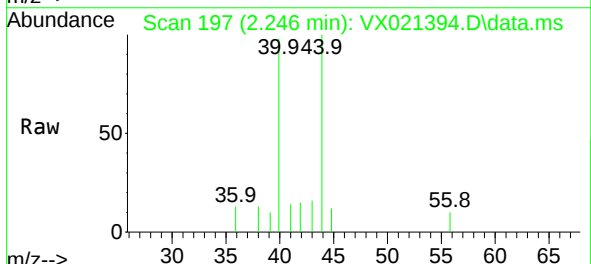
Instrument :
MSVOA_X
ClientSampled :
PB135263TB

Tgt Ion: 59 Resp: 1651
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.8



#13
Acrolein
Concen: 3.27 ug/l
RT: 2.246 min Scan# 197
Delta R.T. -0.030 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 105.6 56.4 84.6#

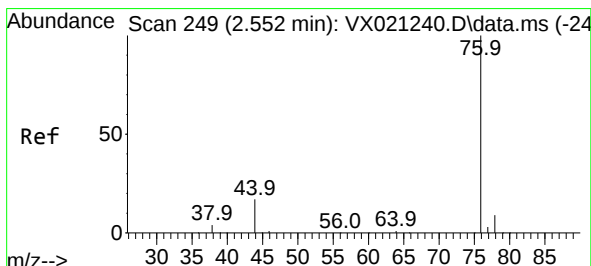
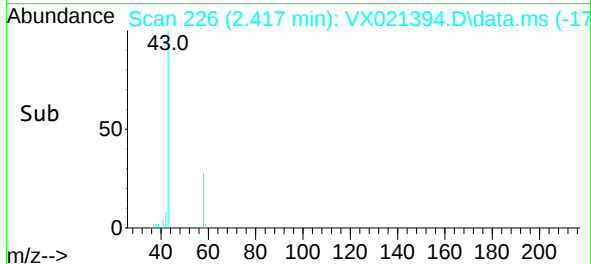
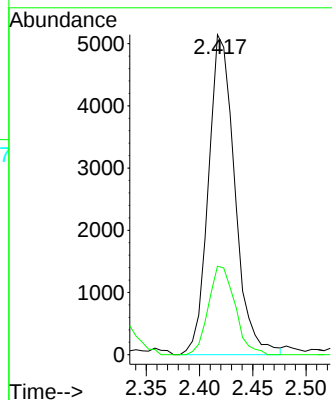
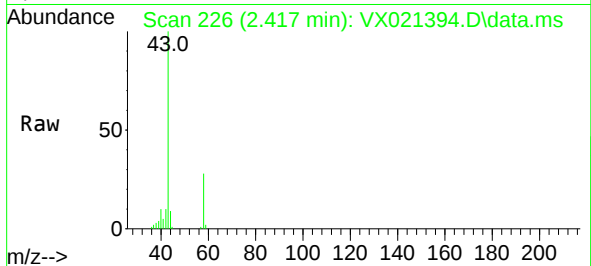




#16
Acetone
Concen: 19.98 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

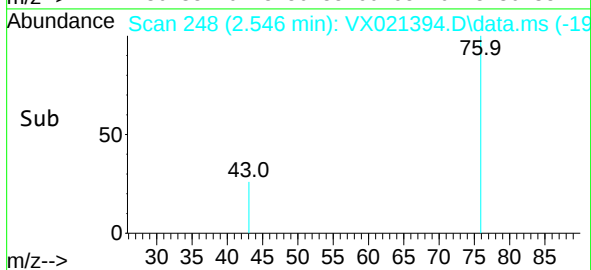
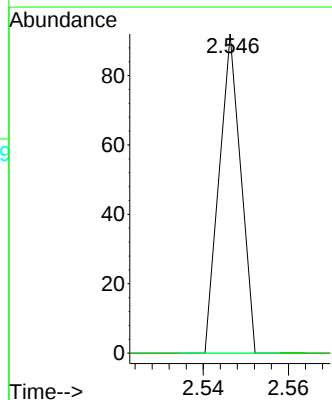
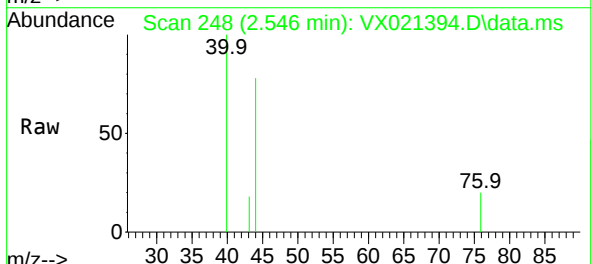
Instrument :
MSVOA_X
ClientSampled :
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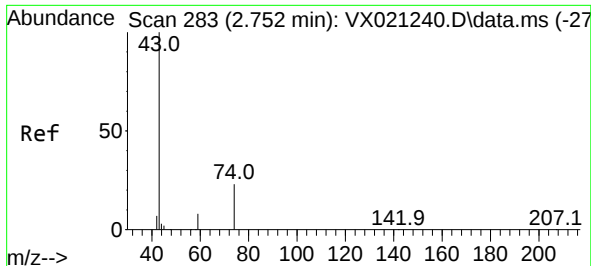
Tgt Ion: 43 Resp: 8880
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.55 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 76 Resp: 32
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

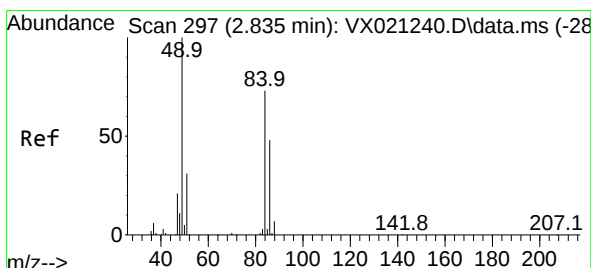
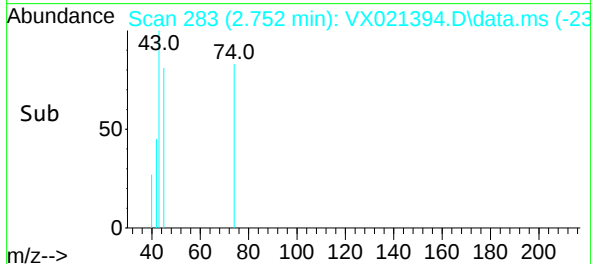
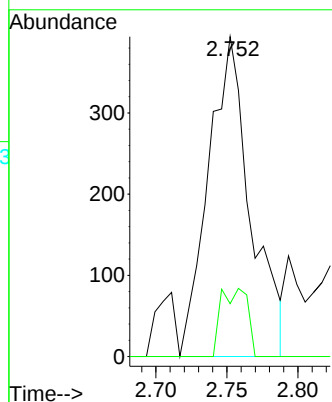
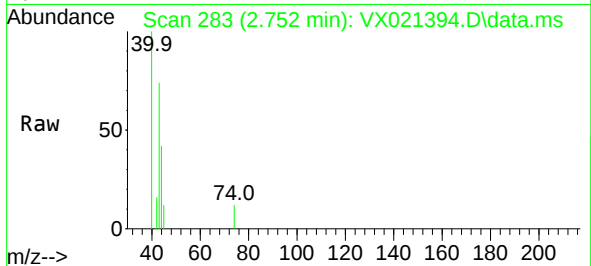




#18
Methyl Acetate
Concen: 0.67 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

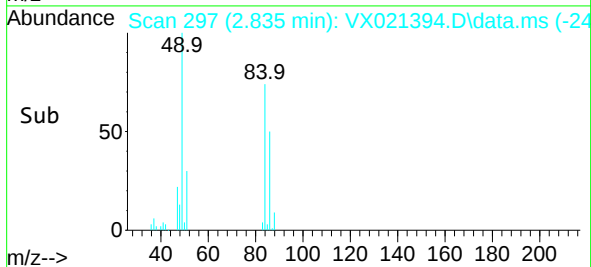
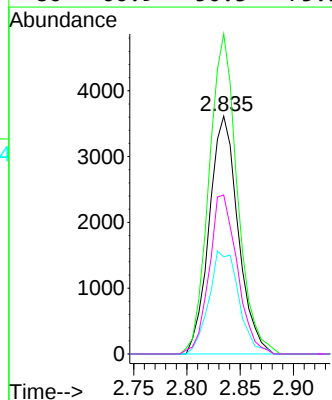
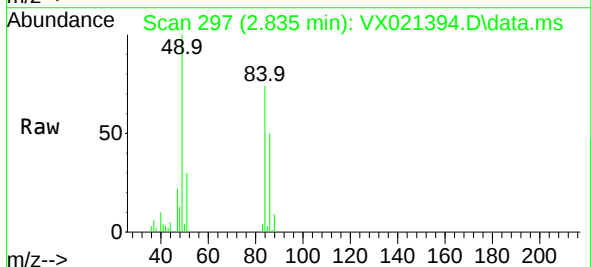
Instrument :
MSVOA_X
ClientSampled :
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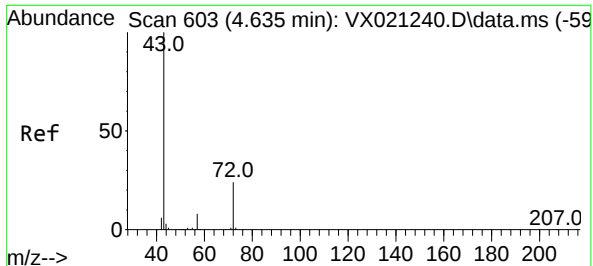
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
74 13.4 21.9 32.9#



#20
Methylene Chloride
Concen: 7.45 ug/l
RT: 2.835 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 84 Resp: 6805
Ion Ratio Lower Upper
84 100
49 134.6 88.6 132.8#
51 40.8 27.0 40.6#
86 66.9 50.3 75.5

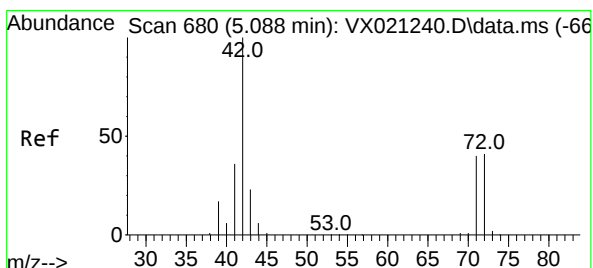
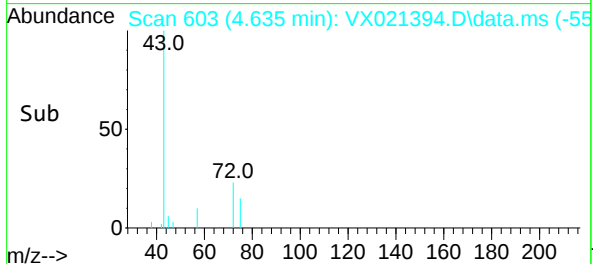
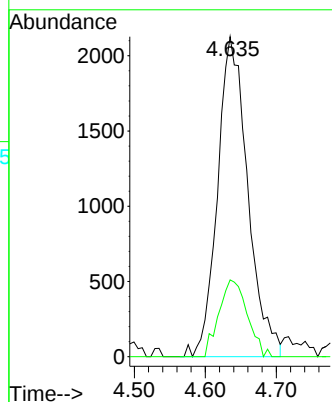
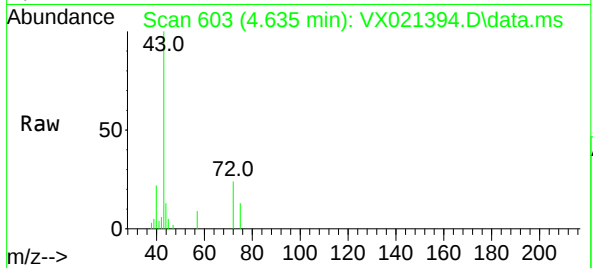




#25
2-Butanone
Concen: 9.21 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

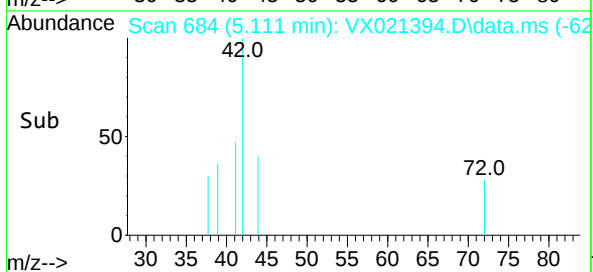
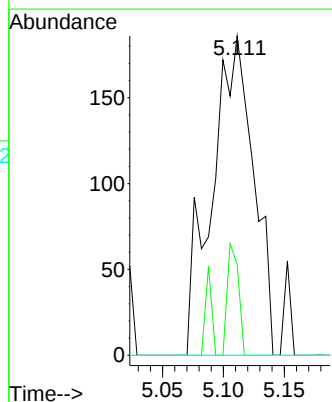
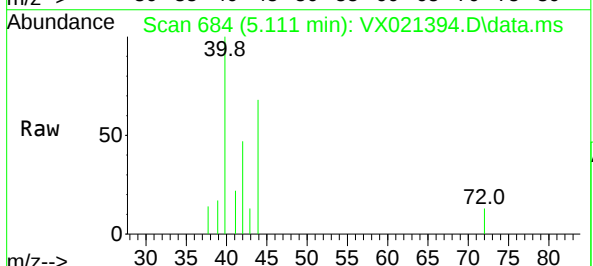
Instrument :
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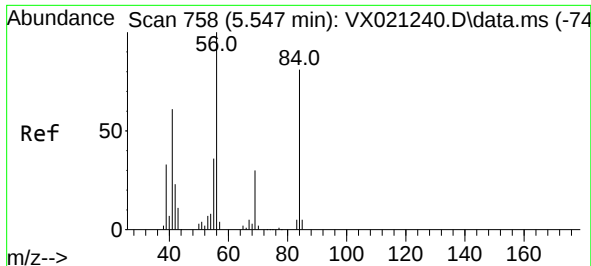
Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
72 24.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.99 ug/l
RT: 5.111 min Scan# 684
Delta R.T. 0.023 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

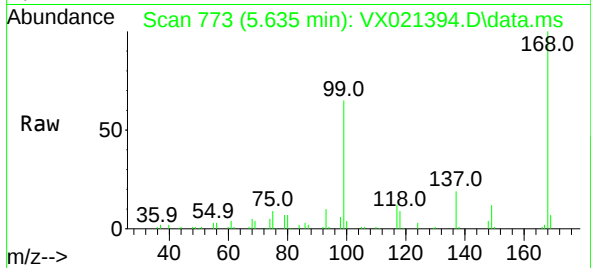
Tgt Ion: 42 Resp: 445
Ion Ratio Lower Upper
42 100
72 9.4 41.7 62.5#
71 0.0 38.4 57.6#



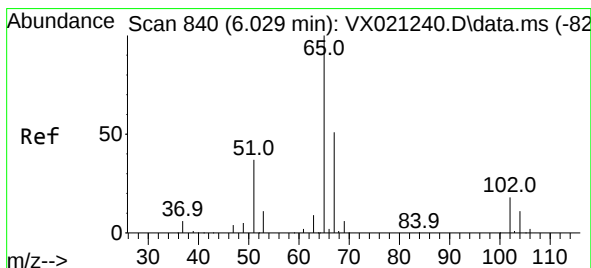
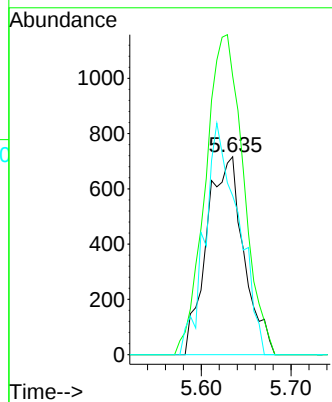
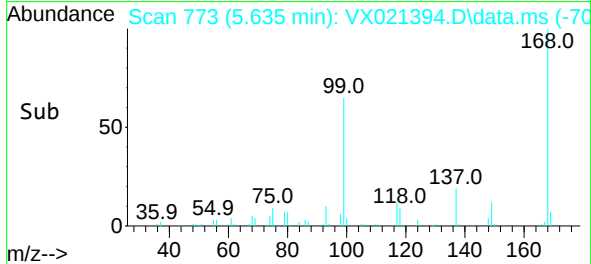


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

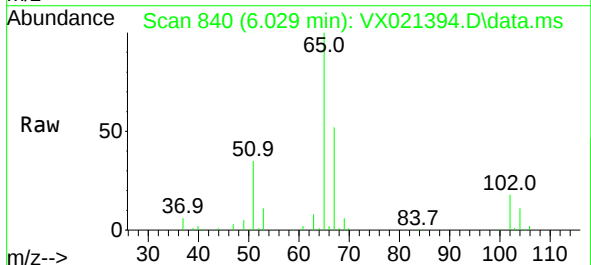
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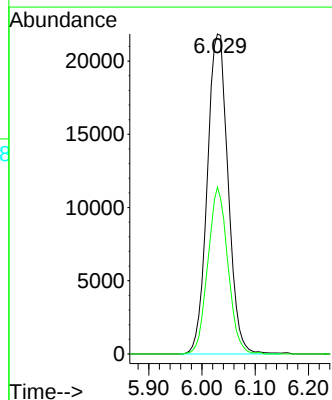
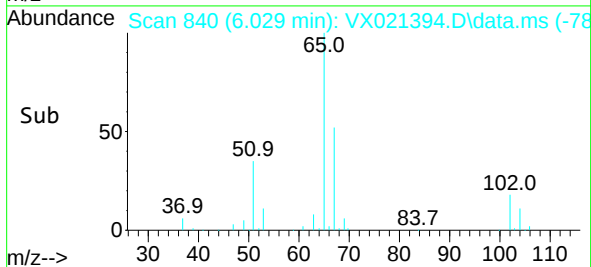
Tgt Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
69 140.8 25.3 37.9#
84 80.3 71.4 107.0

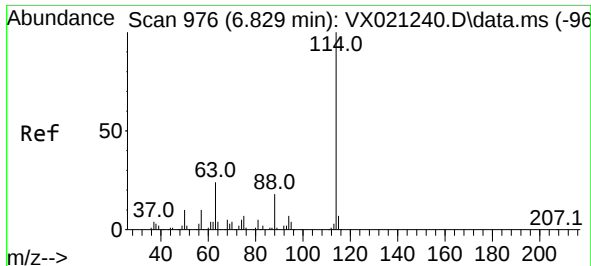


#33
1,2-Dichloroethane-d4
Concen: 49.02 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30



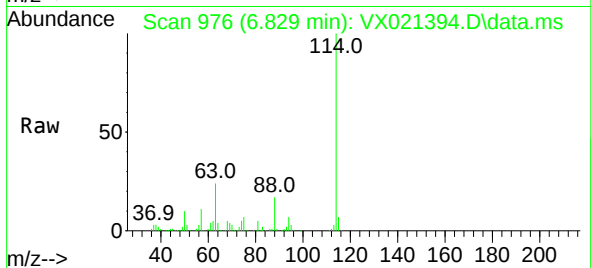
Tgt Ion: 65 Resp: 59198
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4



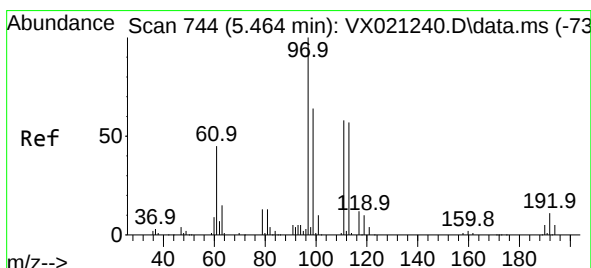
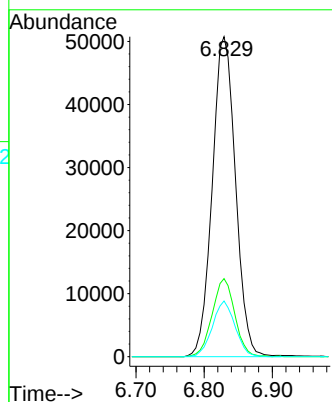
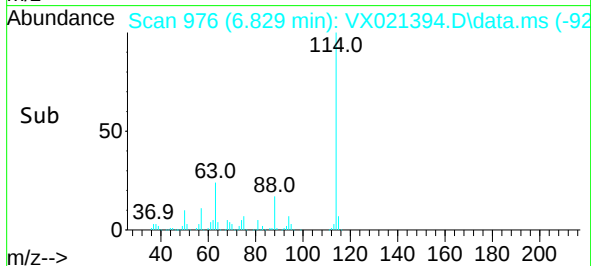


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

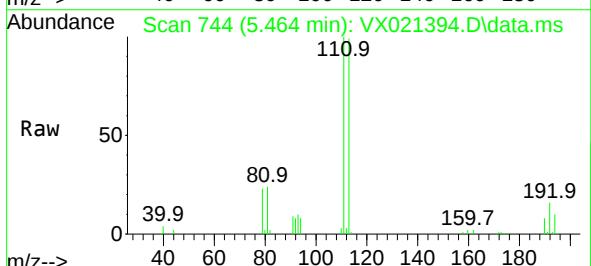
Instrument :
MSVOA_X
ClientSampled :
PB135263TB



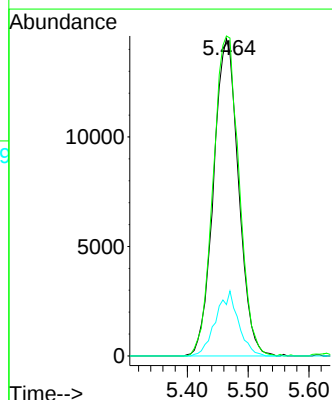
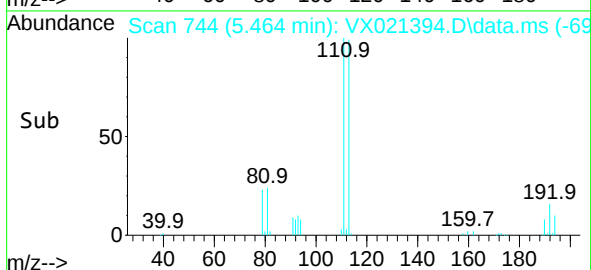
Tgt Ion:114 Resp: 120354
Ion Ratio Lower Upper
114 100
63 24.4 0.0 40.8
88 17.4 0.0 32.8

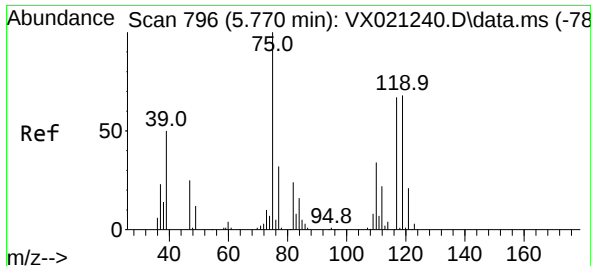


#35
Dibromofluoromethane
Concen: 50.36 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30



Tgt Ion:113 Resp: 41242
Ion Ratio Lower Upper
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111 104.3 81.9 122.9
192 18.7 16.7 25.1

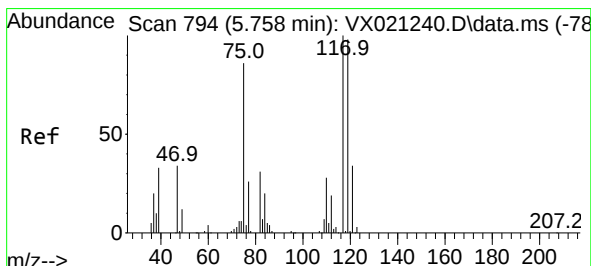
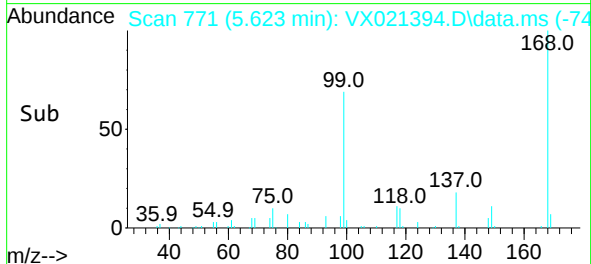
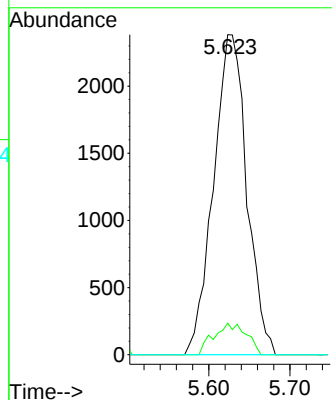
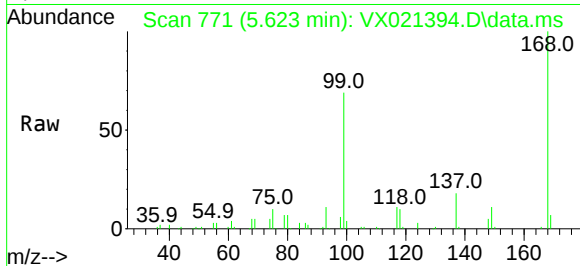




#36
1,1-Dichloropropene
Concen: 5.60 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

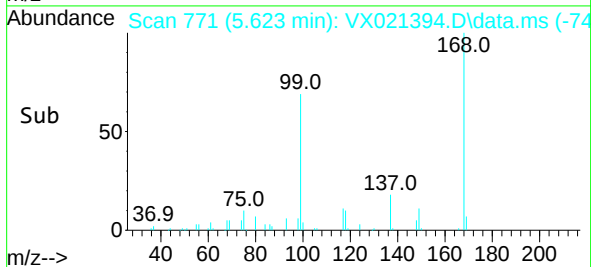
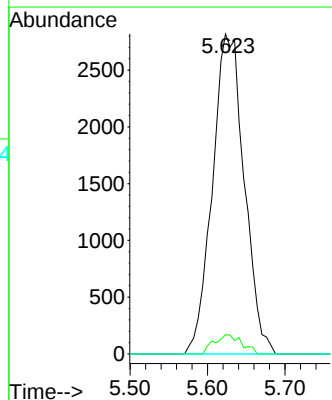
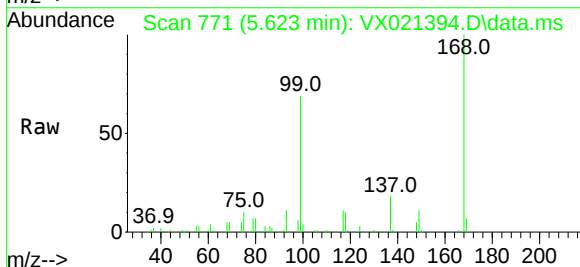
Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

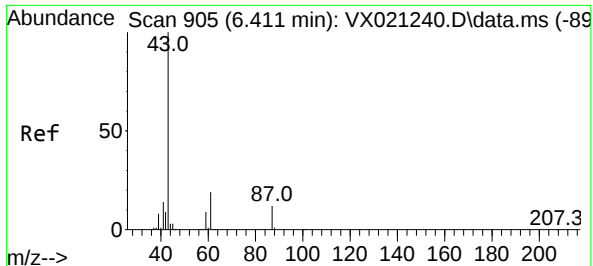
Tgt Ion: 75 Resp: 6793
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 117 Resp: 8047
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

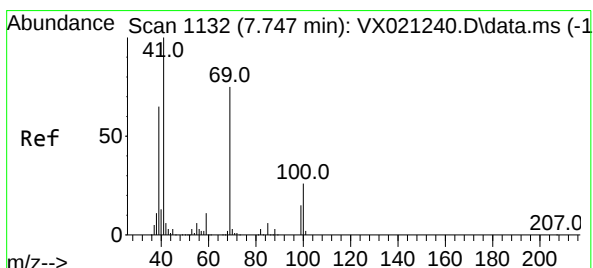
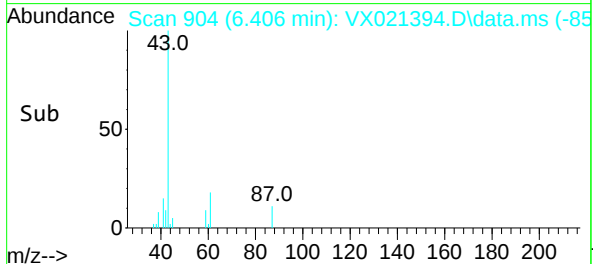
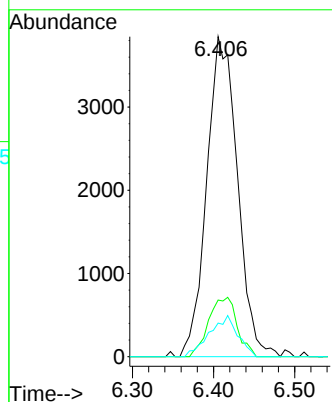
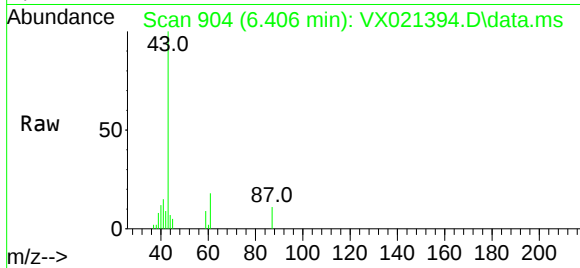




#43
Isopropyl Acetate
Concen: 4.39 ug/l
RT: 6.406 min Scan# 904
Delta R.T. -0.005 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

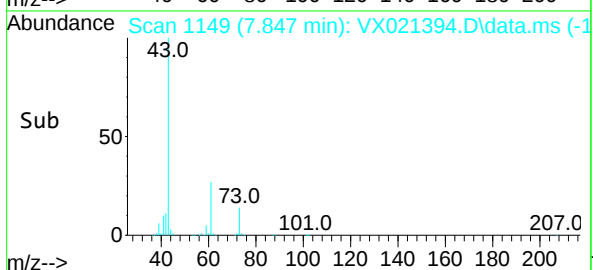
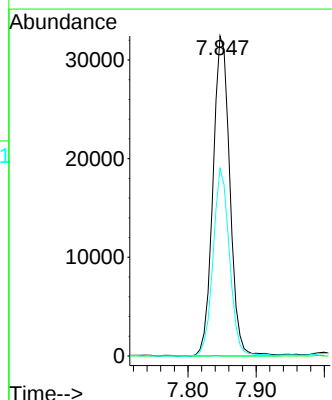
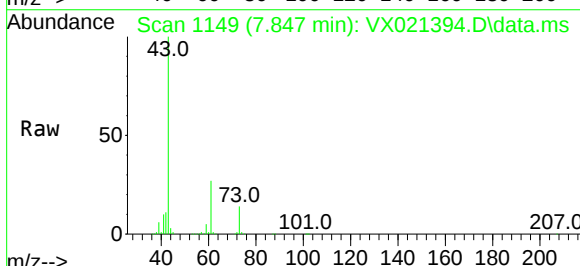
Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

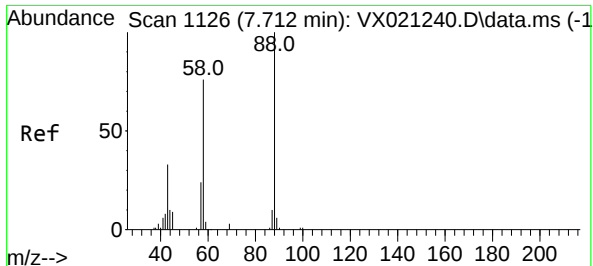
Tgt Ion: 43	Resp: 10111
Ion Ratio	Lower Upper
43 100	
61 17.2	18.2 27.4#
87 11.8	12.5 18.7#



#48
Methyl methacrylate
Concen: 45.79 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.100 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

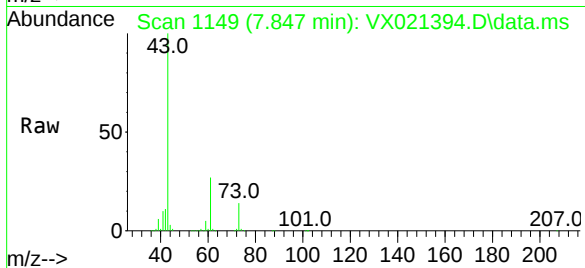
Tgt Ion: 41	Resp: 55965
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 57.0	44.6 67.0



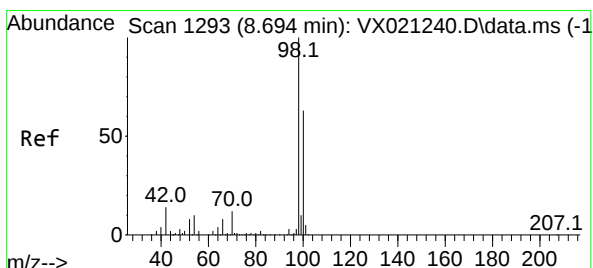
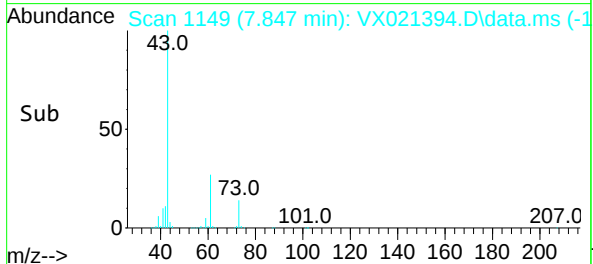
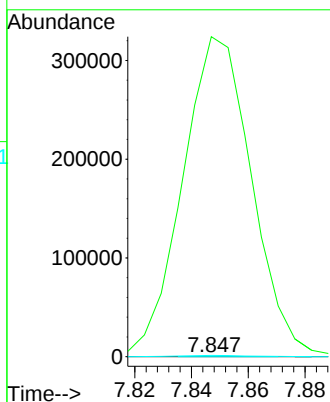


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.847 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

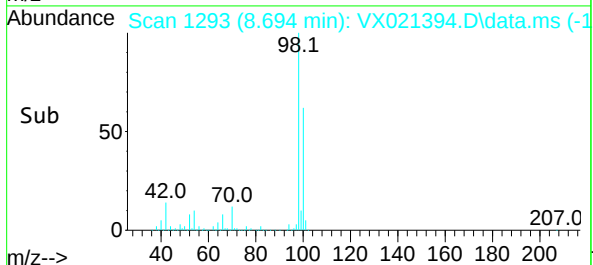
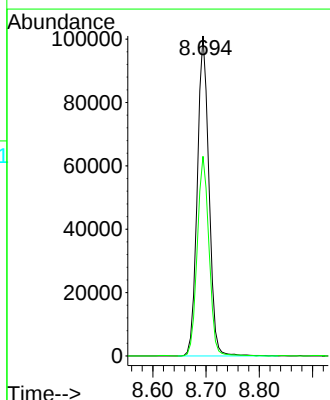
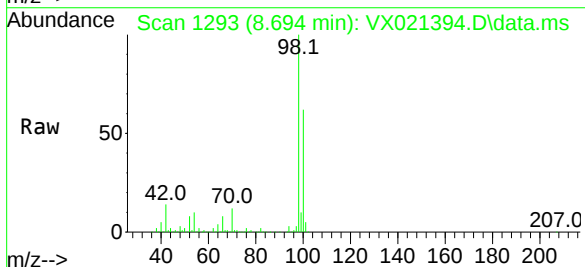


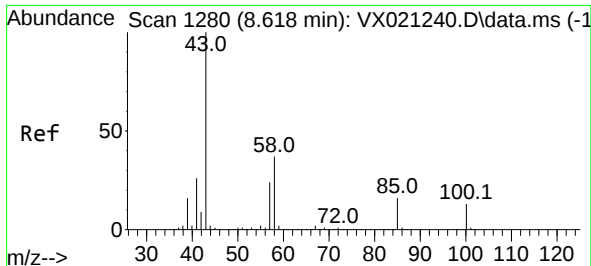
Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 1351085.4 23.2 34.8#
58 5609.8 55.0 82.4#



#50
Toluene-d8
Concen: 51.56 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 98 Resp: 153204
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

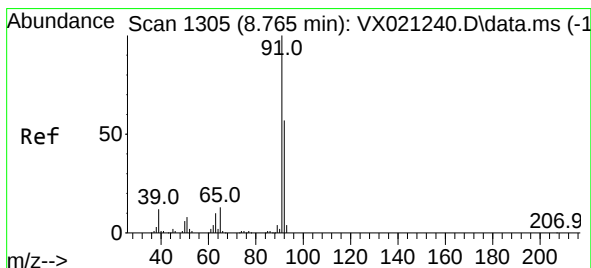
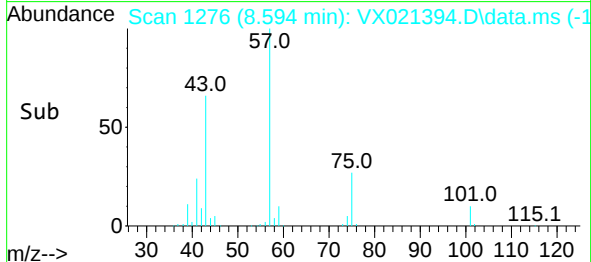
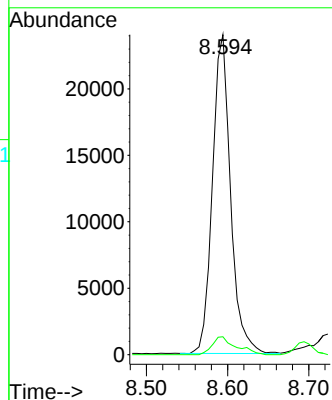
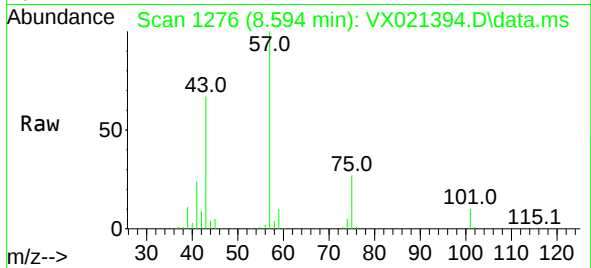




#51
4-Methyl-2-Pentanone
Concen: 27.69 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

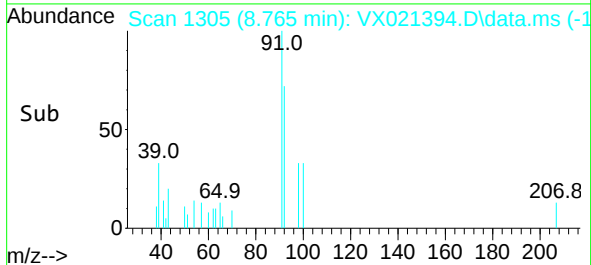
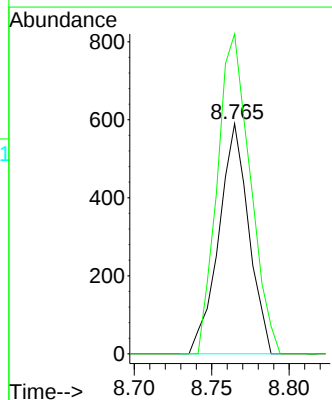
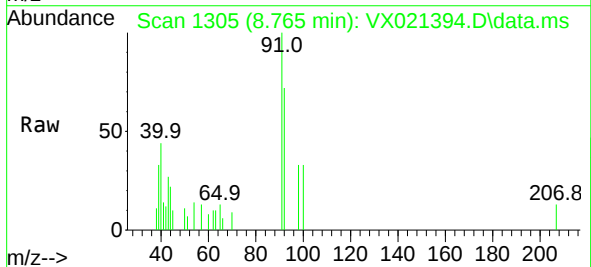
Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

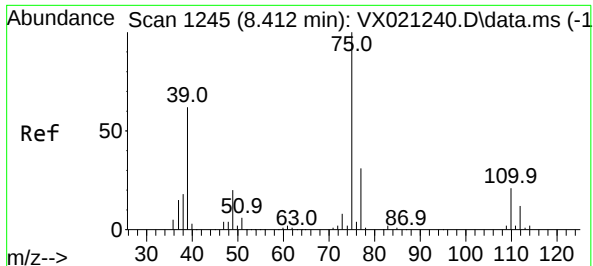
Tgt Ion: 43 Resp: 37125
Ion Ratio Lower Upper
43 100
58 7.3 35.4 53.0#



#52
Toluene
Concen: 0.38 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 92 Resp: 793
Ion Ratio Lower Upper
92 100
91 152.0 137.1 205.7

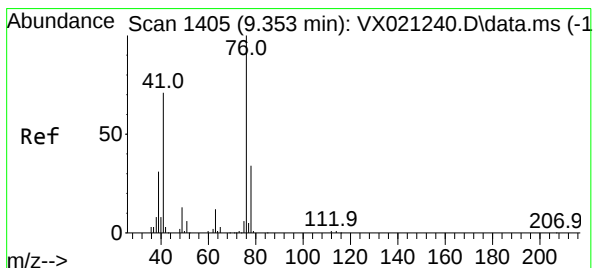
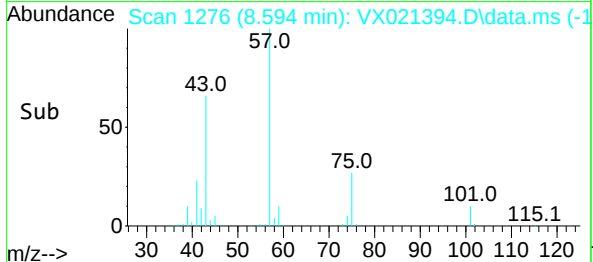
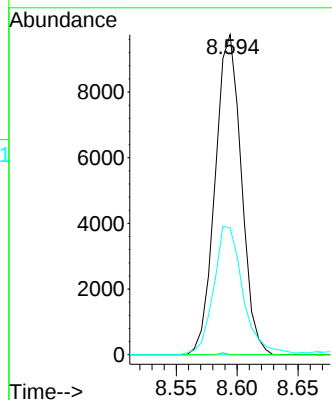
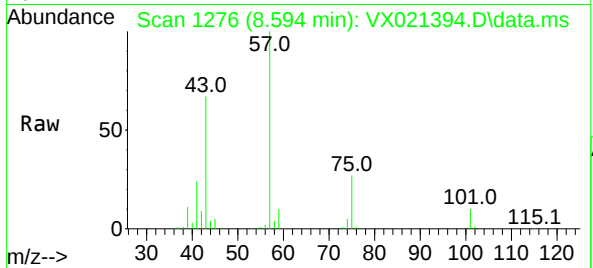




#54
cis-1,3-Dichloropropene
Concen: 9.76 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

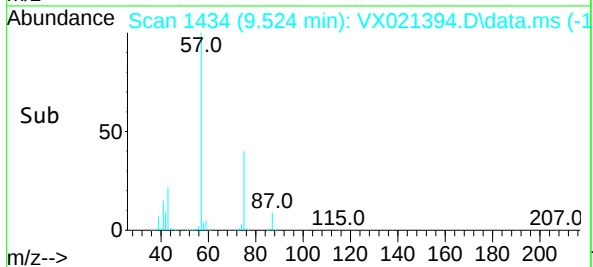
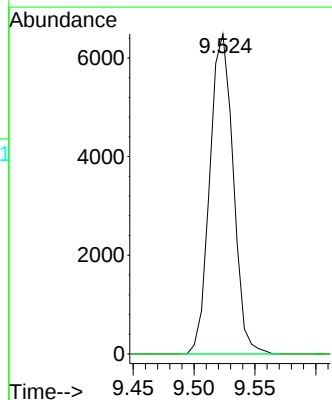
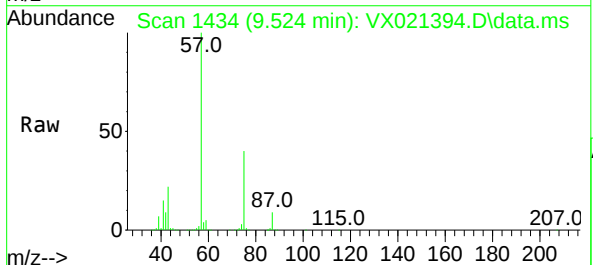
Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

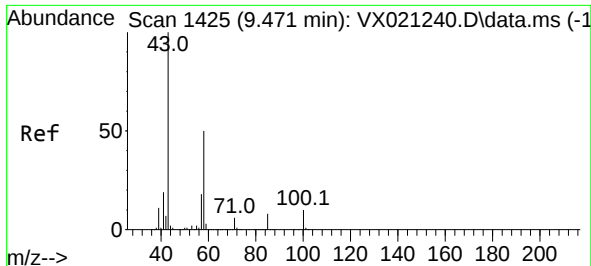
Tgt Ion: 75 Resp: 14576
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 39.6 35.1 52.7



#57
1,3-Dichloropropane
Concen: 5.90 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.171 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 76 Resp: 8677
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

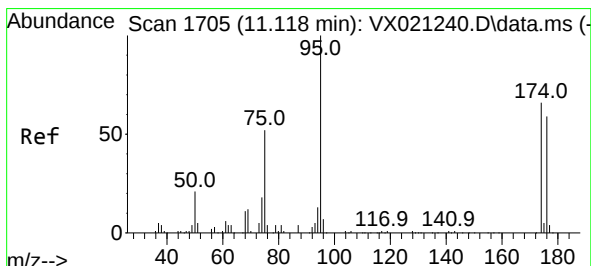
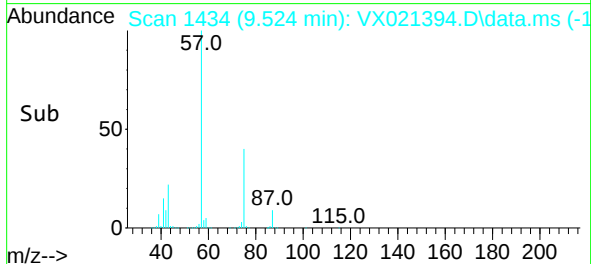
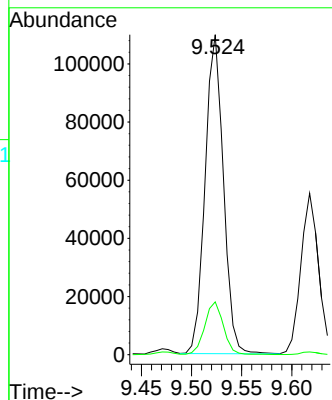
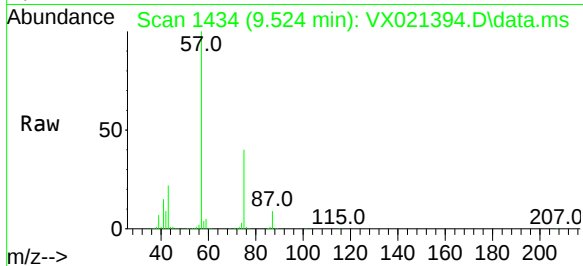




#59
2-Hexanone
Concen: 139.10 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.053 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

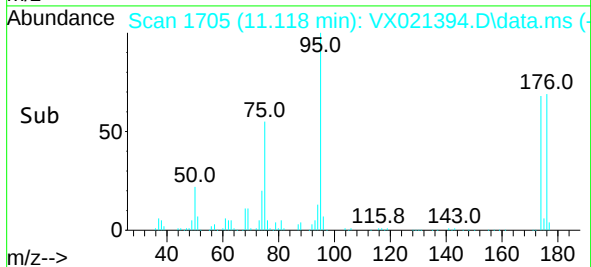
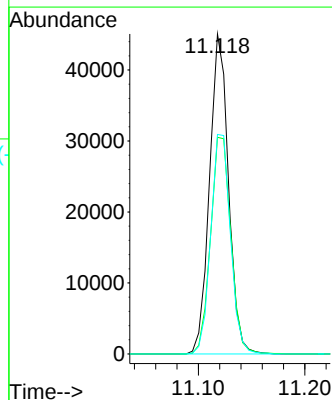
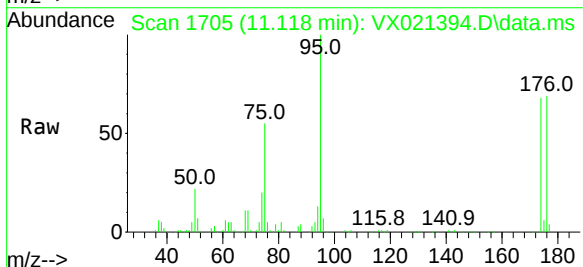
Instrument :
MSVOA_X
ClientSampled :
PB135263TB

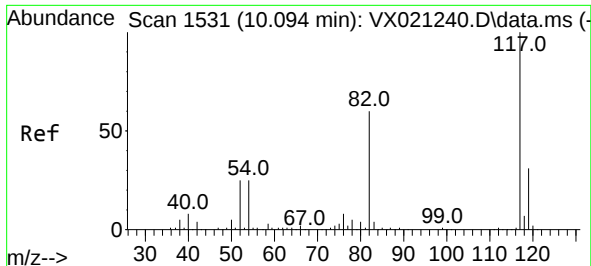
Tgt Ion: 43 Resp: 139589
Ion Ratio Lower Upper
43 100
58 17.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.23 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 95 Resp: 55661
Ion Ratio Lower Upper
95 100
174 72.5 0.0 154.6
176 71.4 0.0 155.8

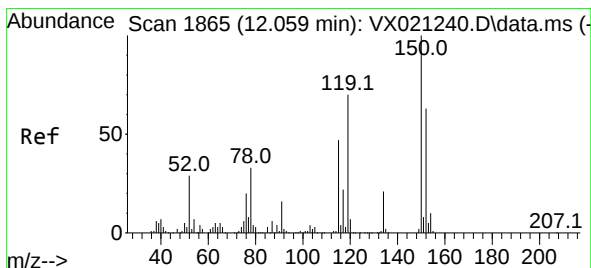
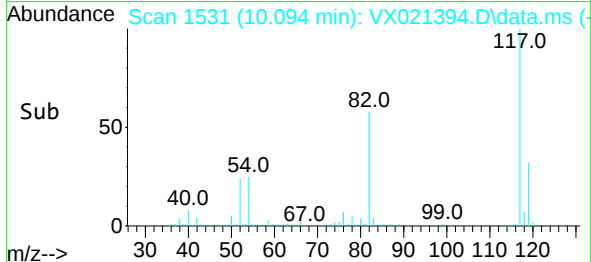
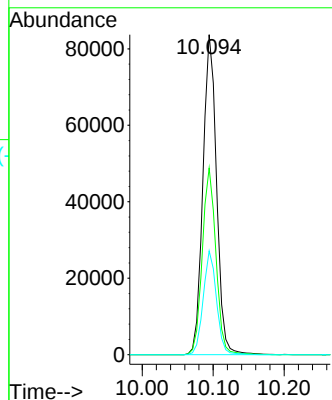
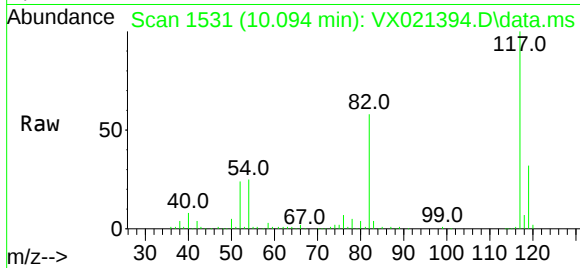




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

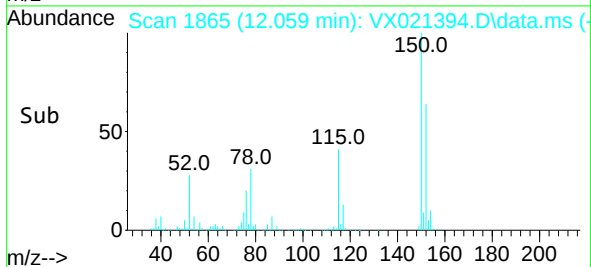
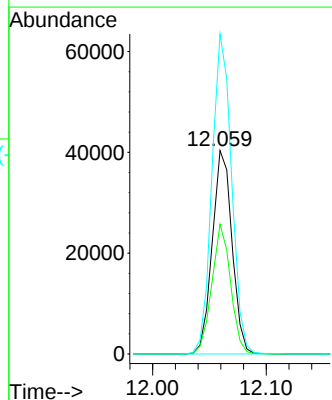
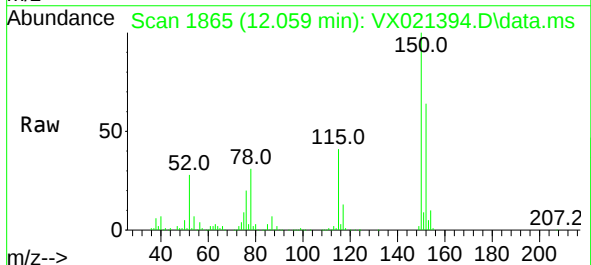
Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

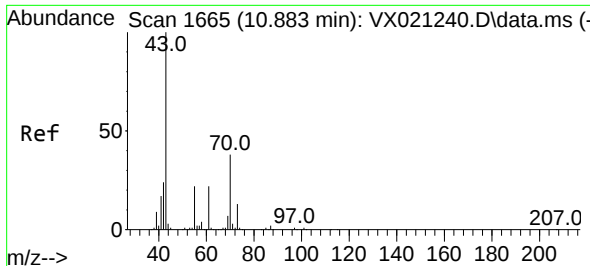
Tgt Ion:117 Resp: 112184
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

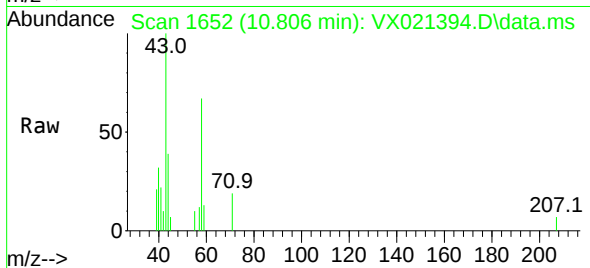
Tgt Ion:152 Resp: 48824
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 155.8 0.0 349.0



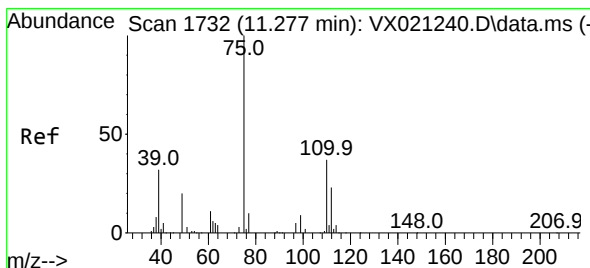
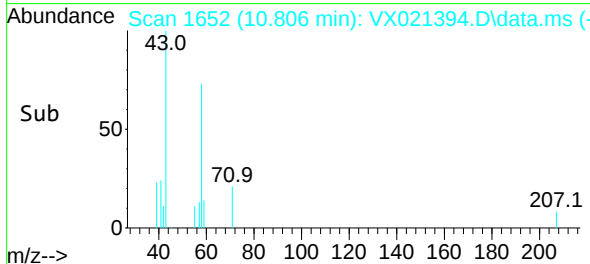
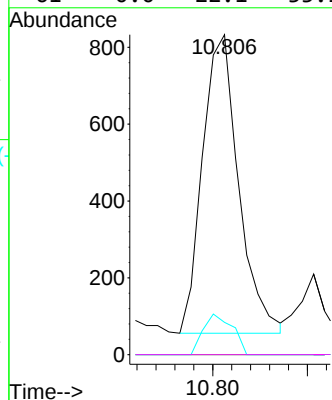


#74
N-amy1 acetate
Concen: 0.56 ug/l
RT: 10.806 min Scan# 1652
Delta R.T. -0.077 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

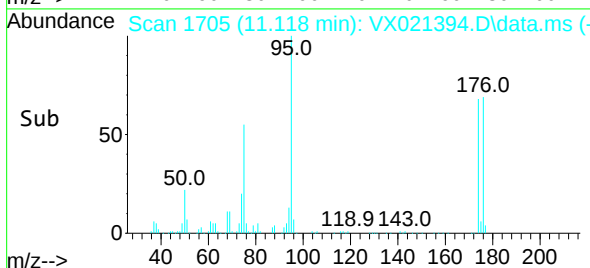
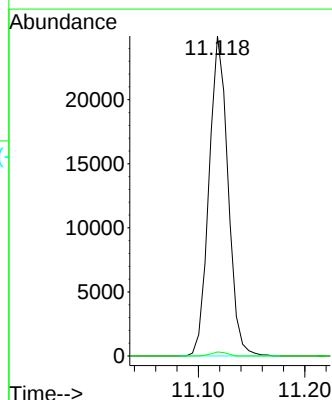
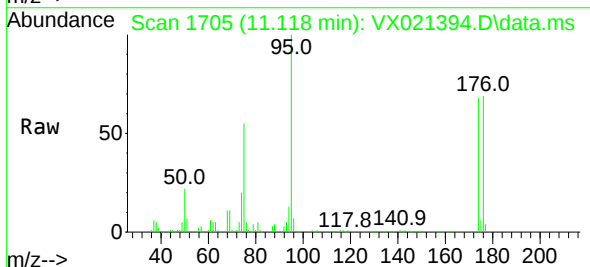


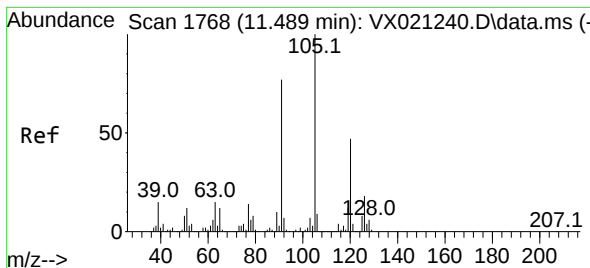
Tgt Ion:	43	Resp:	1027
Ion Ratio	100	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	11.1	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 27.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion:	75	Resp:	30865
Ion Ratio	100	Lower	Upper
75	100		
77	1.1	19.1	57.5#

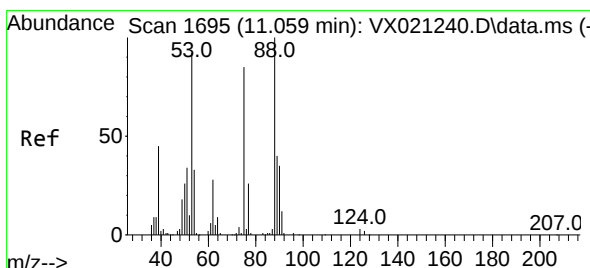
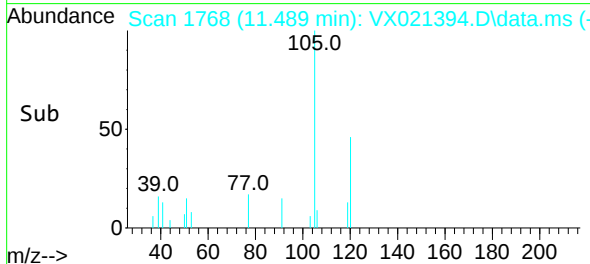
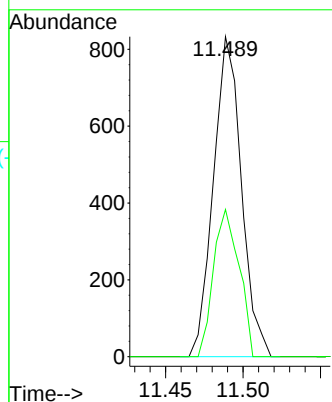
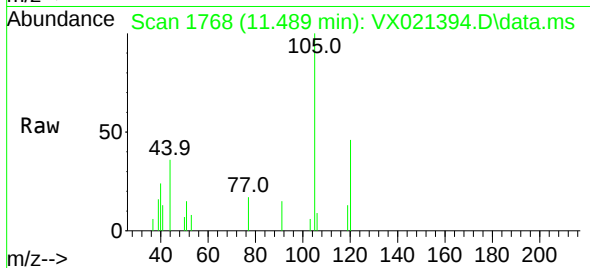




#80
1,3,5-Trimethylbenzene
Concen: 0.34 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Instrument :
MSVOA_X
ClientSampleId :
PB135263TB

Tgt Ion:105 Resp: 1046
Ion Ratio Lower Upper
105 100
120 42.0 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 73.99 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021394.D
Acq: 23 Mar 2021 18:30

Tgt Ion: 75 Resp: 30865
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

