

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021715.D
 Acq On : 01 Apr 2021 17:50
 Operator : JC/MD
 Sample : PB135474ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135474ZHE#03

Quant Time: Apr 02 03:30:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

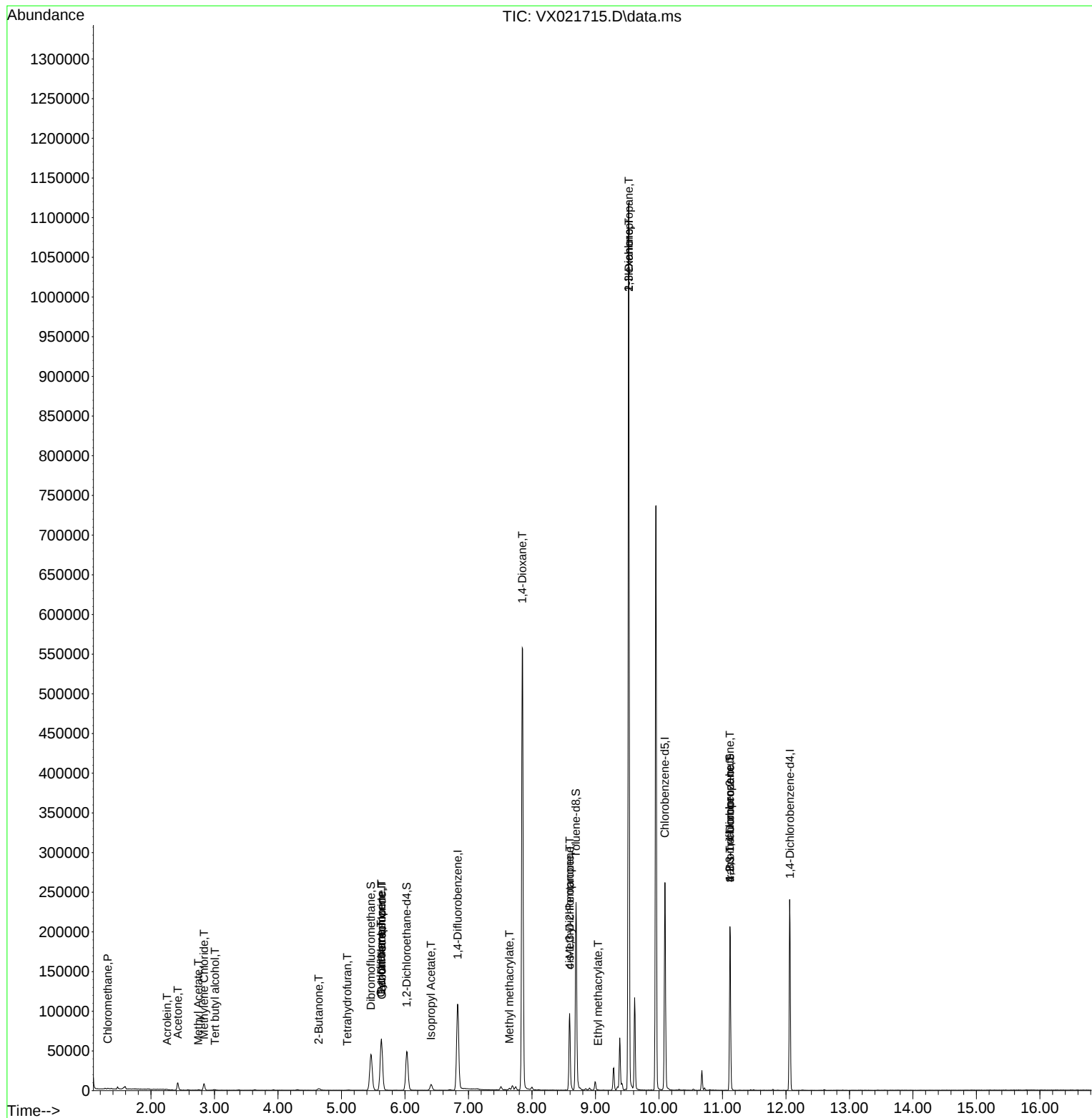
Internal Standards						
1) Pentafluorobenzene	5.629	168	54426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	101341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	46217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	48854	53.95	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.90%	
35) Dibromofluoromethane	5.464	113	37754	52.45	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.90%	
50) Toluene-d8	8.694	98	132352	51.60	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.20%	
62) 4-Bromofluorobenzene	11.118	95	51129	51.27	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.54%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	1017	1.52	ug/l	91
11) Tert butyl alcohol	3.005	59	671	4.48	ug/l #	73
13) Acrolein	2.252	56	19	4.55	ug/l #	1
16) Acetone	2.422	43	10115	29.54	ug/l #	84
18) Methyl Acetate	2.746	43	948	0.96	ug/l #	66
20) Methylene Chloride	2.834	84	3317	4.96	ug/l #	79
25) 2-Butanone	4.640	43	3046	5.87	ug/l	90
29) Tetrahydrofuran	5.093	42	213	0.63	ug/l #	51
31) Cyclohexane	5.623	56	1687	1.69	ug/l #	49
36) 1,1-Dichloropropene	5.629	75	5006	5.04	ug/l #	47
38) Carbon Tetrachloride	5.635	117	6126	5.74	ug/l #	16
43) Isopropyl Acetate	6.411	43	9119	4.89	ug/l #	91
48) Methyl methacrylate	7.647	41	2819	2.83	ug/l #	10
49) 1,4-Dioxane	7.847	88	50	2.81	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	33296	29.04	ug/l #	44
54) cis-1,3-Dichloropropene	8.594	75	13061	10.73	ug/l #	74
56) Ethyl methacrylate	9.041	69	43	2.11	ug/l #	29
57) 1,3-Dichloropropane	9.523	76	8542	6.79	ug/l #	42
59) 2-Hexanone	9.523	43	132674	154.09	ug/l #	42
76) 1,2,3-Trichloropropane	11.118	75	28703	26.68	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28703	81.26	ug/l #	12

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

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QLast Update : Wed Mar 24 12:25:26 2021
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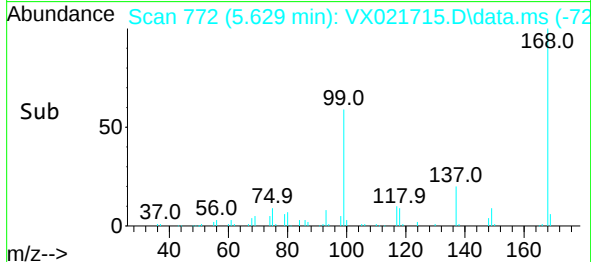
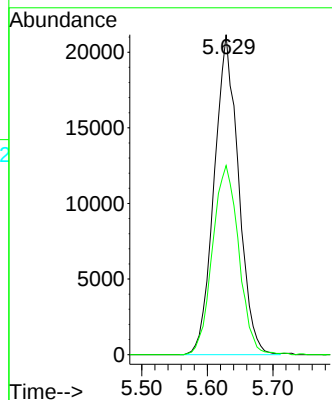
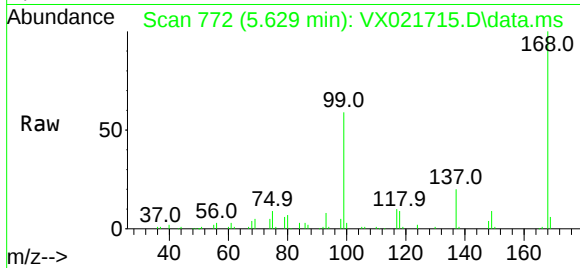




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

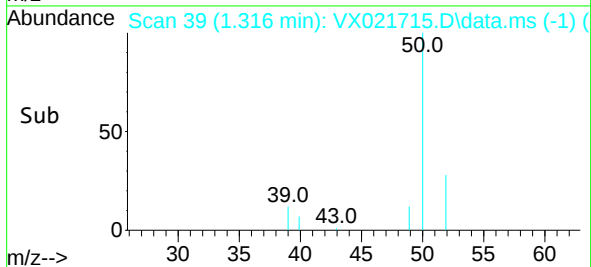
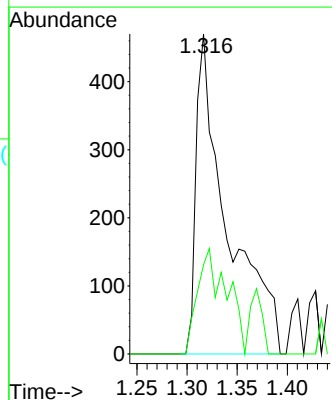
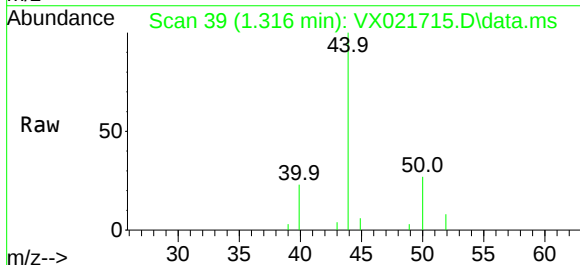
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#03

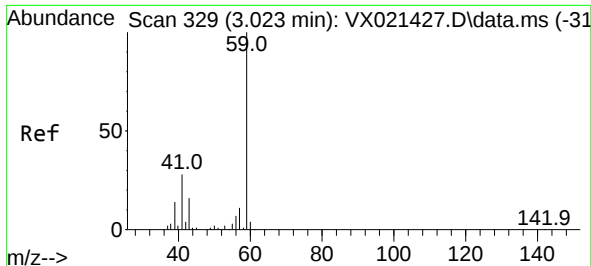
Tgt Ion:168 Resp: 54426
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#3
Chloromethane
Concen: 1.52 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

Tgt Ion: 50 Resp: 1017
Ion Ratio Lower Upper
50 100
52 27.9 26.4 39.6



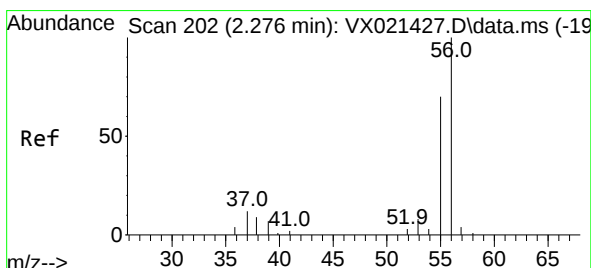
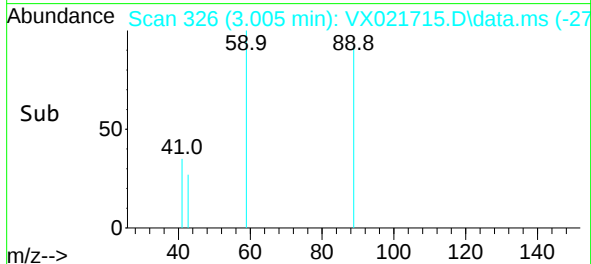
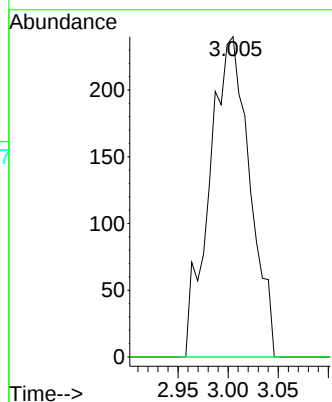
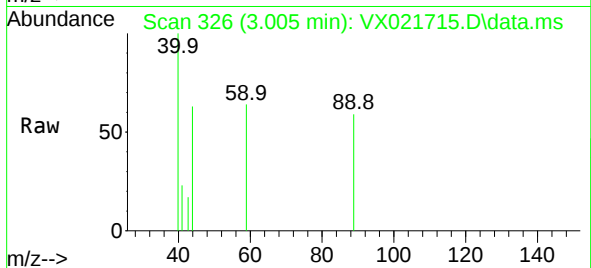


#11

Tert butyl alcohol
Concen: 4.48 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#03

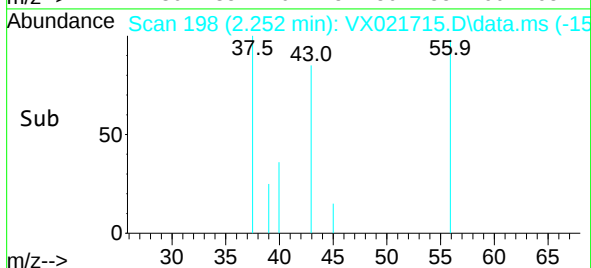
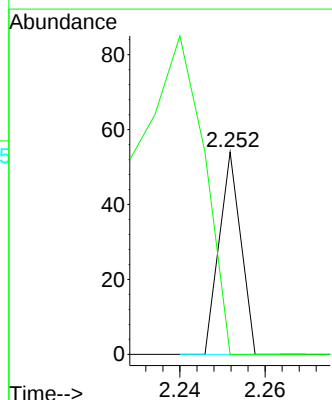
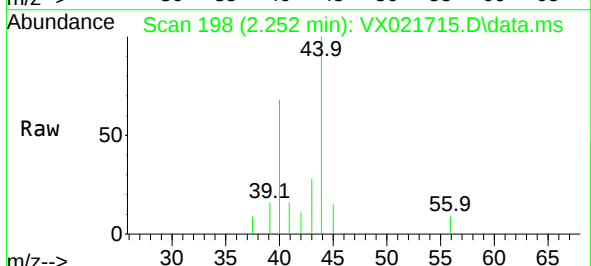
Tgt Ion: 59 Resp: 671
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

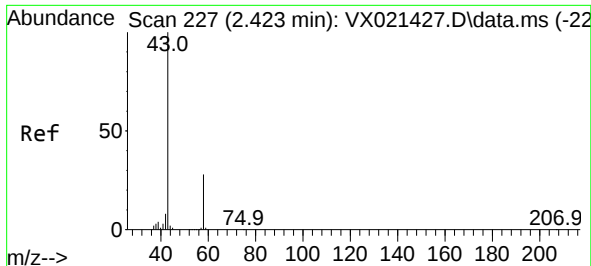


#13

Acrolein
Concen: 4.55 ug/l
RT: 2.252 min Scan# 198
Delta R.T. -0.024 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 473.7 56.4 84.6#

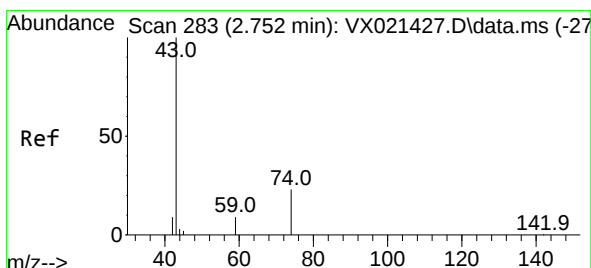
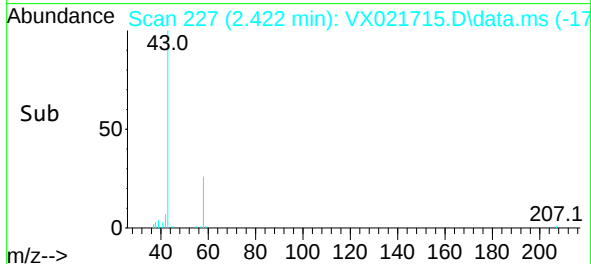
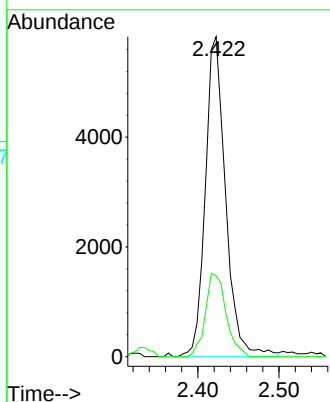
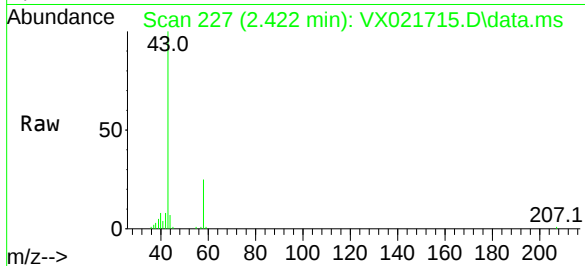




#16
Acetone
Concen: 29.54 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

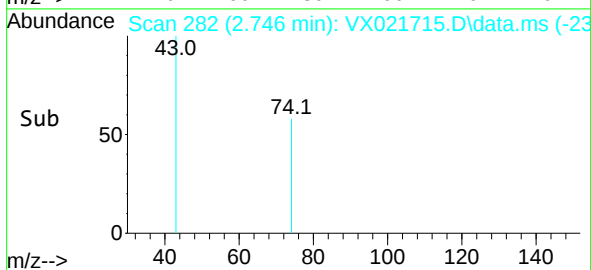
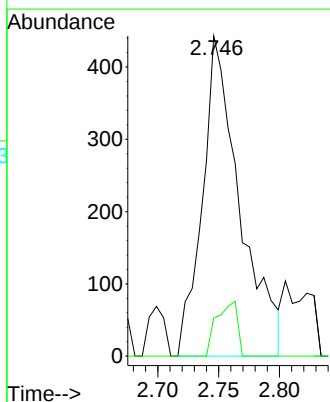
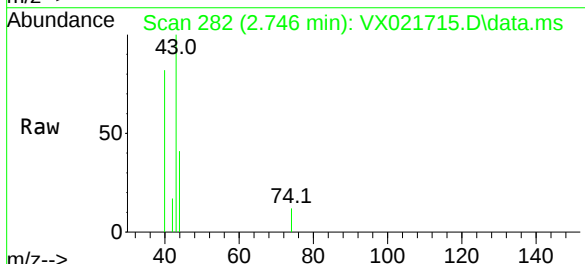
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#03

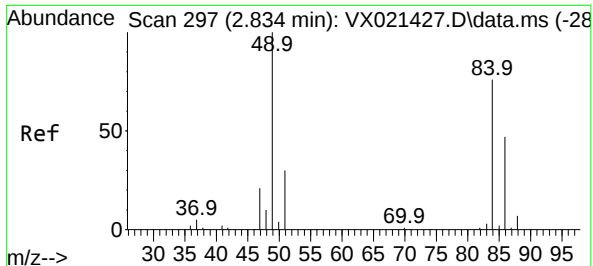
Tgt Ion: 43 Resp: 10115
Ion Ratio Lower Upper
43 100
58 25.3 27.8 41.8#



#18
Methyl Acetate
Concen: 0.96 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
74 9.5 21.9 32.9#





#20

Methylene Chloride

Concen: 4.96 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021715.D

Acq: 01 Apr 2021 17:50

Tgt Ion: 84 Resp: 3317

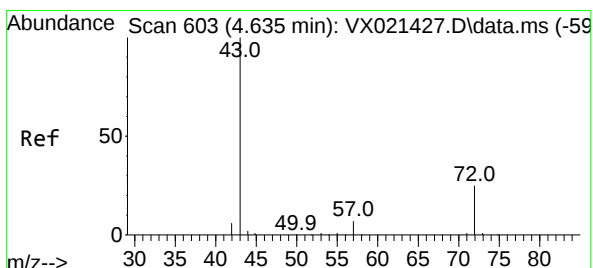
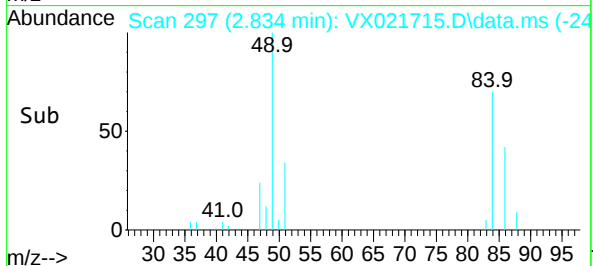
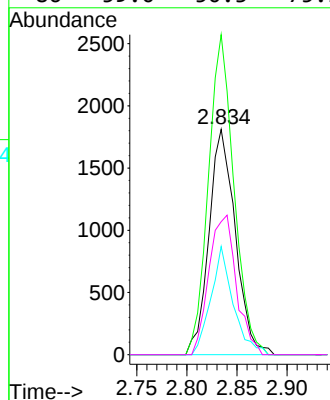
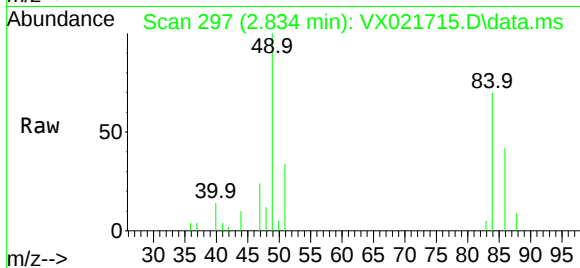
Ion Ratio Lower Upper

84 100

49 142.0 88.6 132.8#

51 48.0 27.0 40.6#

86 59.0 50.3 75.5



#25

2-Butanone

Concen: 5.87 ug/l

RT: 4.640 min Scan# 604

Delta R.T. 0.005 min

Lab File: VX021715.D

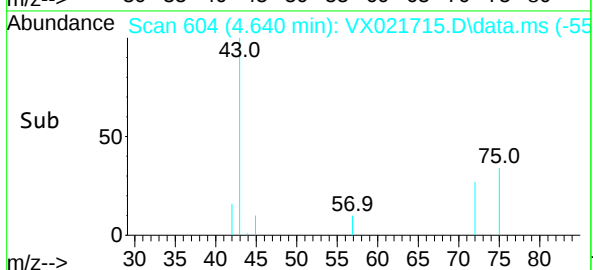
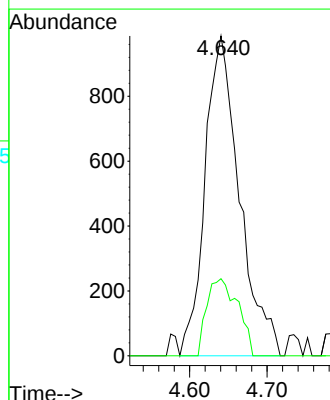
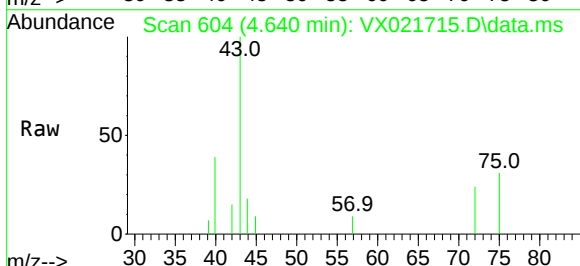
Acq: 01 Apr 2021 17:50

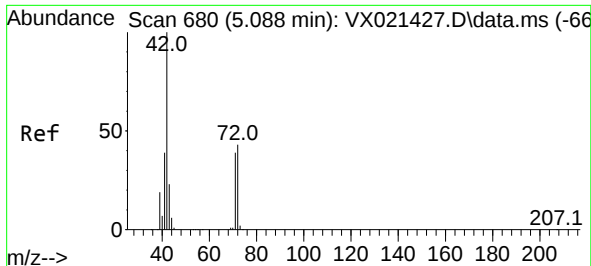
Tgt Ion: 43 Resp: 3046

Ion Ratio Lower Upper

43 100

72 24.1 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.63 ug/l

RT: 5.093 min Scan# 681

Delta R.T. 0.005 min

Lab File: VX021715.D

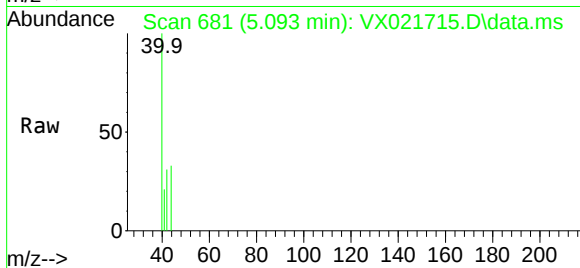
Acq: 01 Apr 2021 17:50

Instrument :

MSVOA_X

ClientSampleId :

PB135474ZHE#03



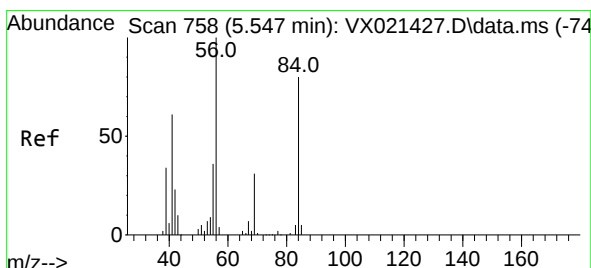
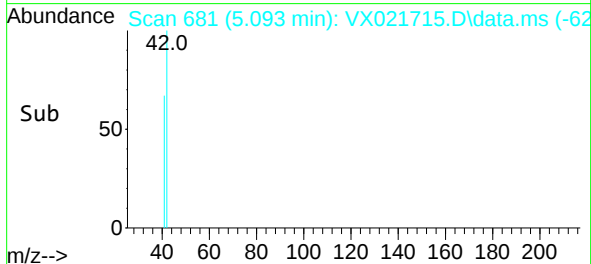
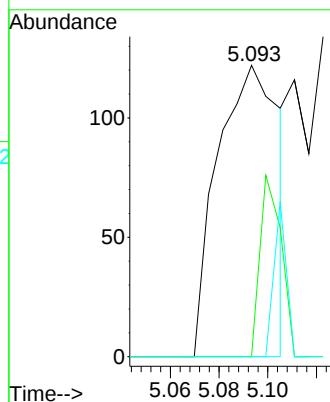
Tgt Ion: 42 Resp: 213

Ion Ratio Lower Upper

42 100

72 21.6 41.7 62.5#

71 10.8 38.4 57.6#



#31

Cyclohexane

Concen: 1.69 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021715.D

Acq: 01 Apr 2021 17:50

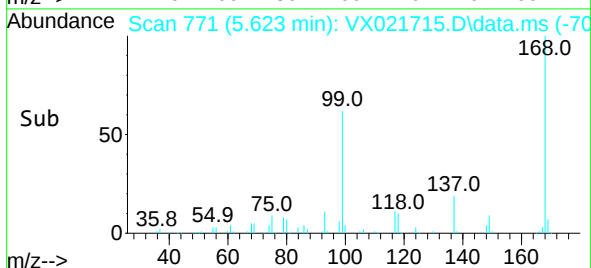
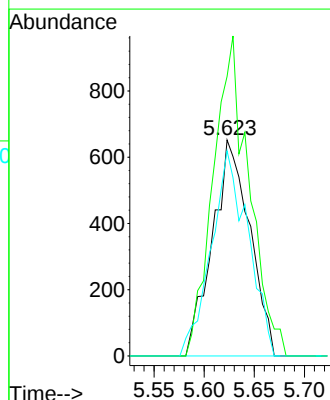
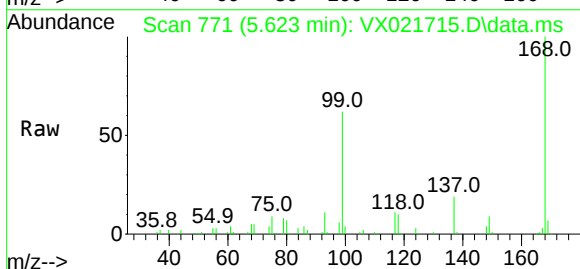
Tgt Ion: 56 Resp: 1687

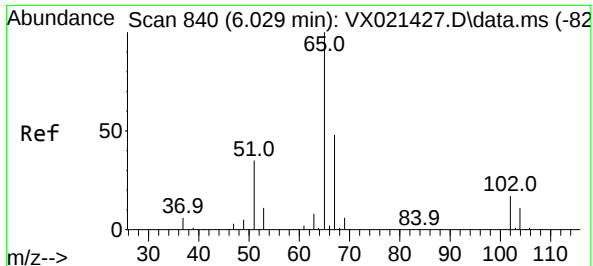
Ion Ratio Lower Upper

56 100

69 129.4 25.3 37.9#

84 94.9 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 53.95 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021715.D

Acq: 01 Apr 2021 17:50

Tgt Ion: 65 Resp: 48854

Ion Ratio Lower Upper

65 100

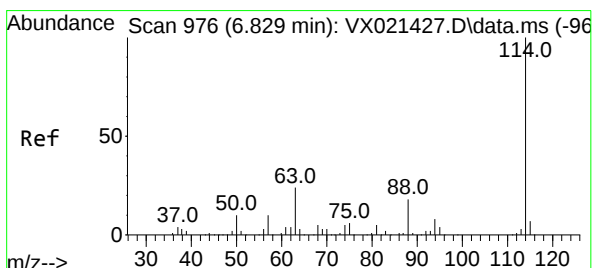
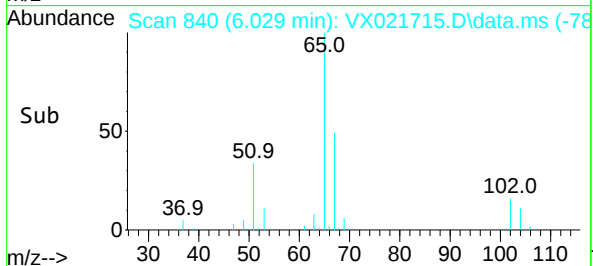
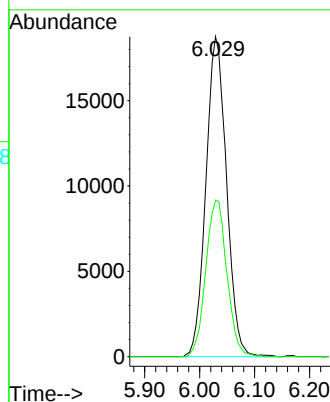
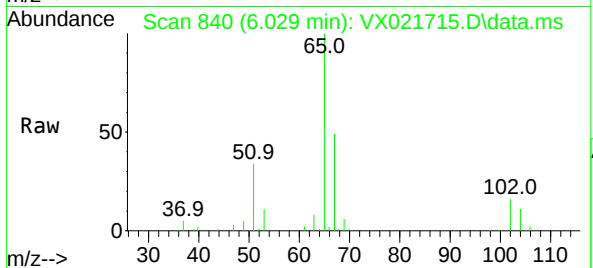
67 50.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

PB135474ZHE#03



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021715.D

Acq: 01 Apr 2021 17:50

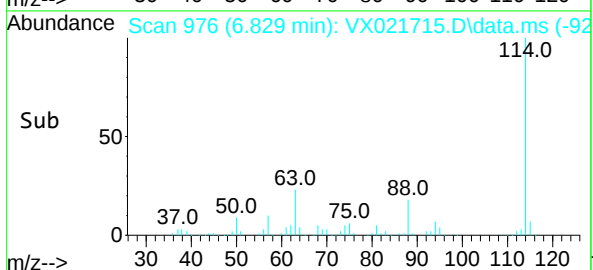
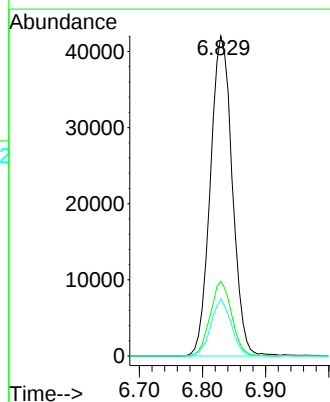
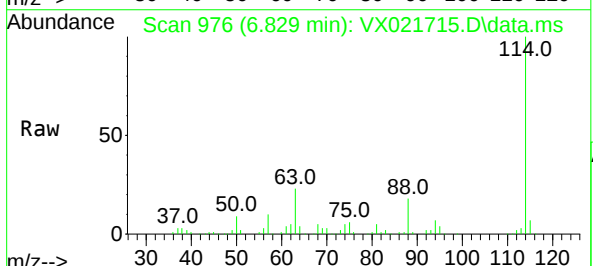
Tgt Ion: 114 Resp: 101341

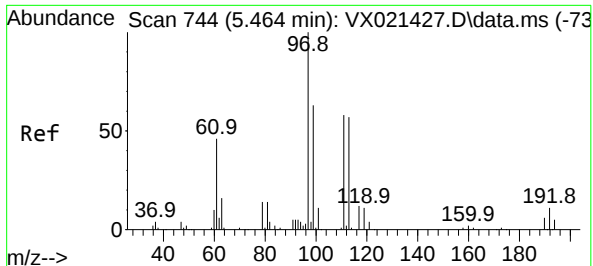
Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.8

88 17.8 0.0 32.8

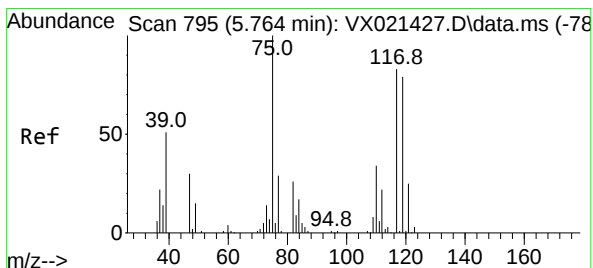
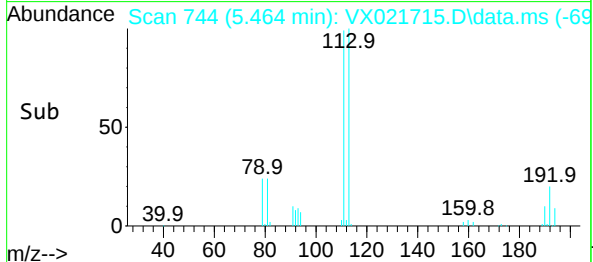
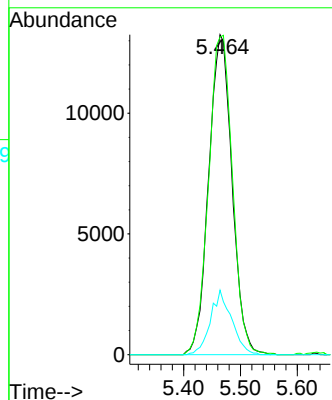
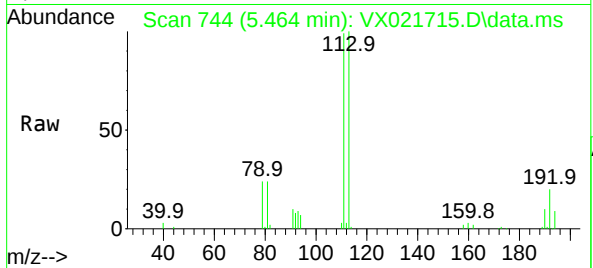




#35
Dibromofluoromethane
Concen: 52.45 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

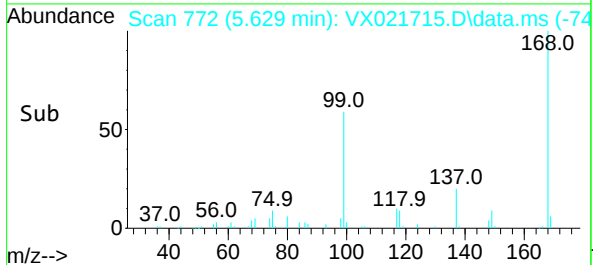
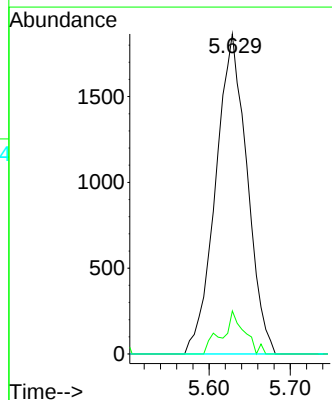
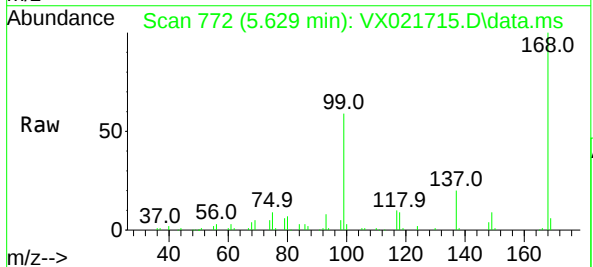
Instrument :
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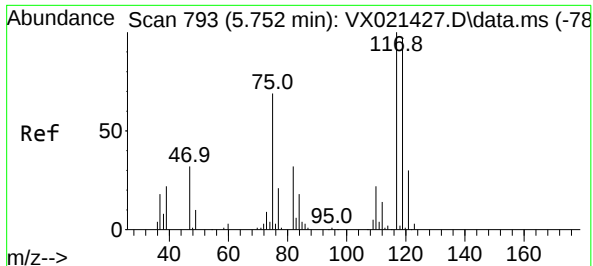
Tgt Ion:113 Resp: 37754
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 18.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

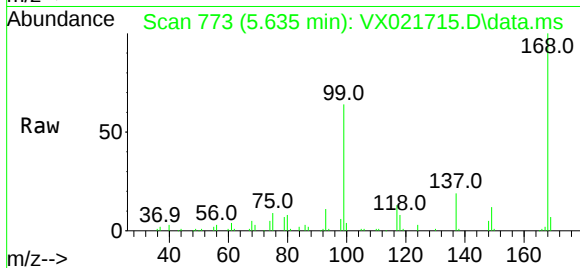
Tgt Ion: 75 Resp: 5006
Ion Ratio Lower Upper
75 100
110 6.8 18.1 54.4#
77 0.0 25.3 37.9#



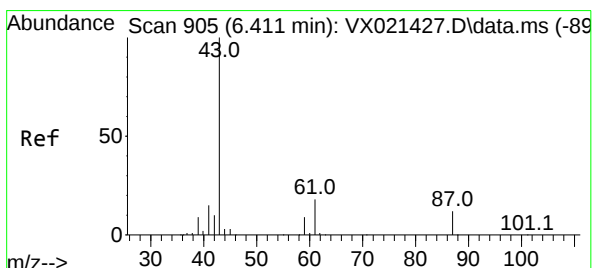
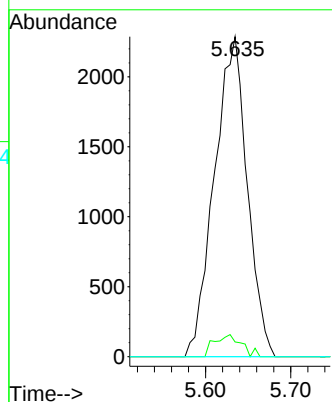
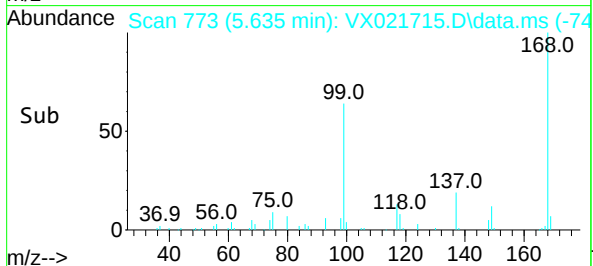


#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

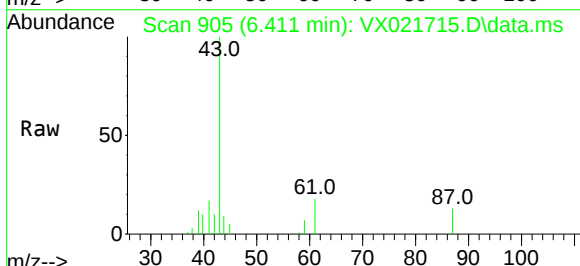
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#03



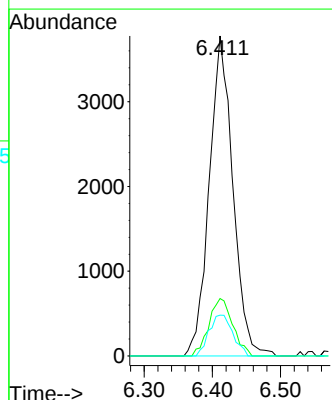
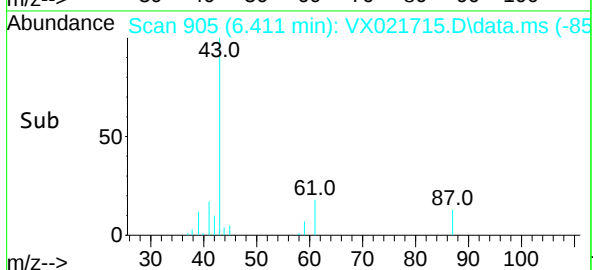
Tgt Ion:117 Resp: 6126
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

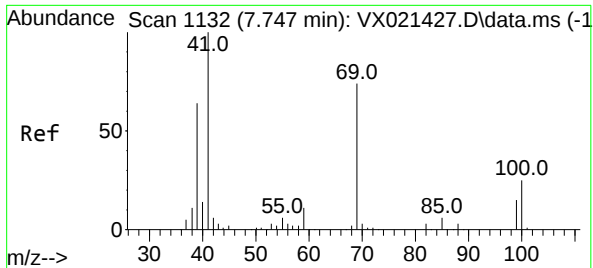


#43
Isopropyl Acetate
Concen: 4.89 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50



Tgt Ion: 43 Resp: 9119
Ion Ratio Lower Upper
43 100
61 18.1 18.2 27.4#
87 12.8 12.5 18.7

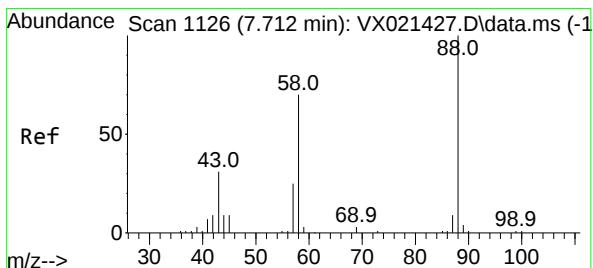
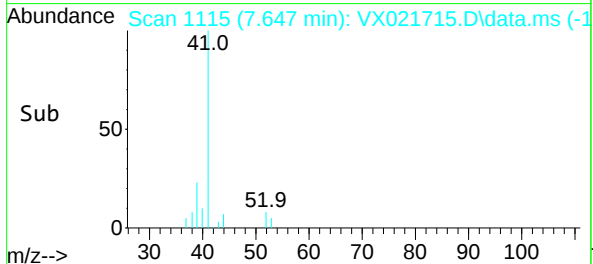
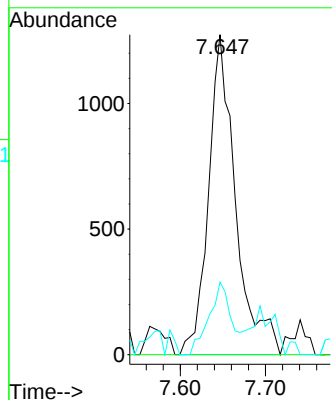
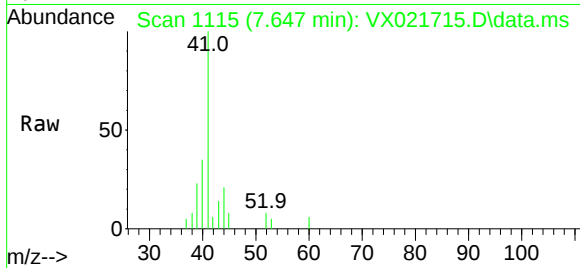




#48
Methyl methacrylate
Concen: 2.83 ug/l
RT: 7.647 min Scan# 1115
Delta R.T. -0.100 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

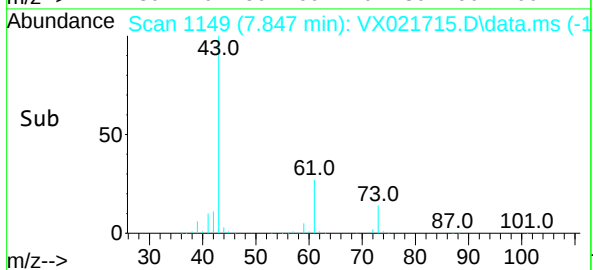
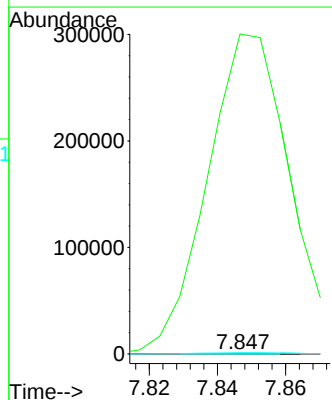
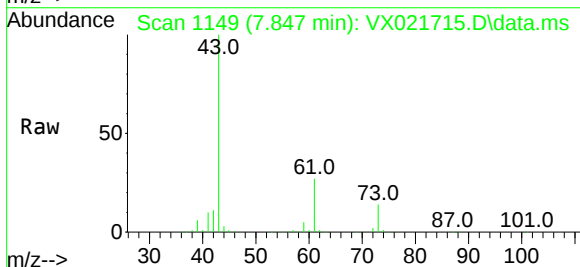
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#03

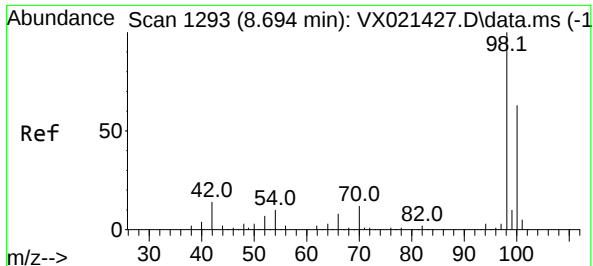
Tgt Ion: 41 Resp: 2819
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.81 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 1027758.0 23.2 34.8#
58 4640.0 55.0 82.4#





#50

Toluene-d8

Concen: 51.60 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021715.D

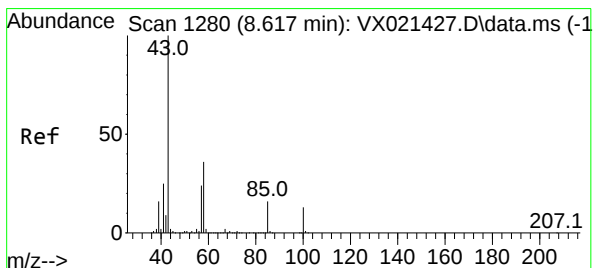
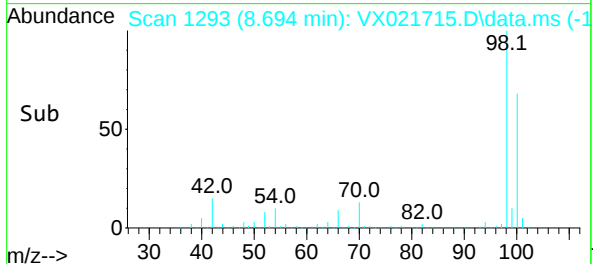
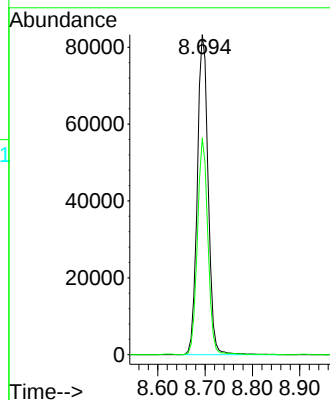
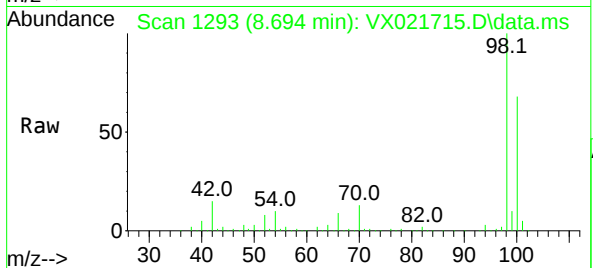
Acq: 01 Apr 2021 17:50

Tgt Ion: 98 Resp: 132352

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 29.04 ug/l

RT: 8.594 min Scan# 1276

Delta R.T. -0.023 min

Lab File: VX021715.D

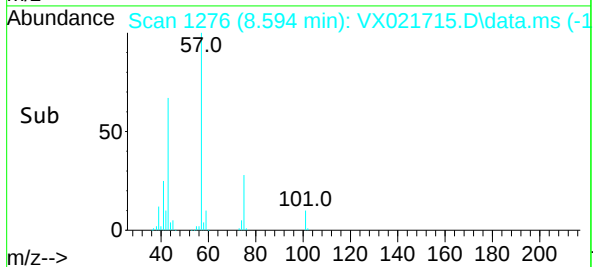
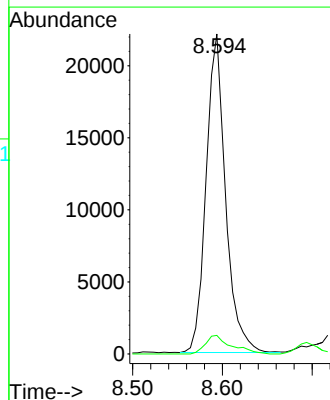
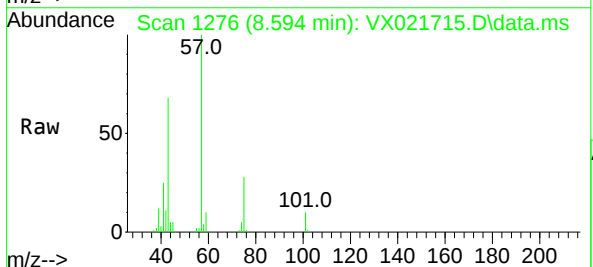
Acq: 01 Apr 2021 17:50

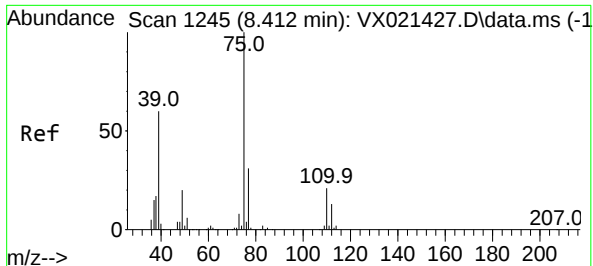
Tgt Ion: 43 Resp: 33296

Ion Ratio Lower Upper

43 100

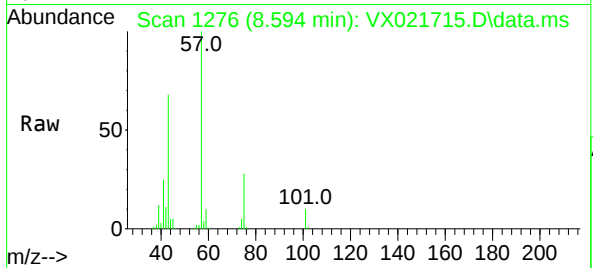
58 7.7 35.4 53.0#



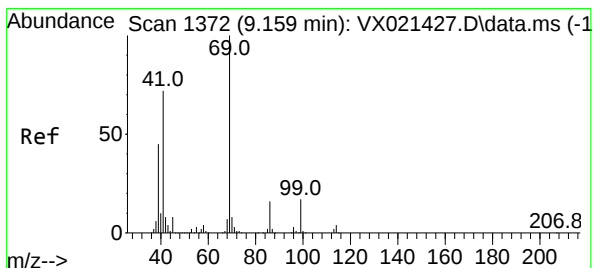
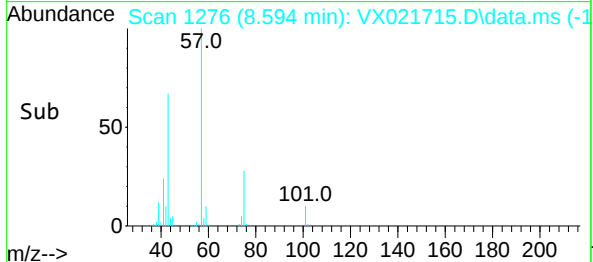
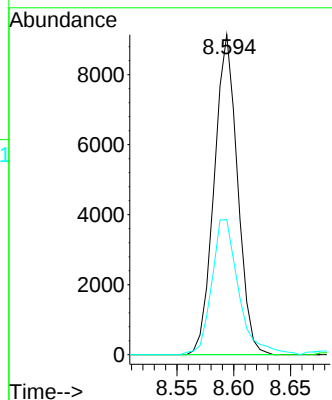


#54
 cis-1,3-Dichloropropene
 Concen: 10.73 ug/l
 RT: 8.594 min Scan# 1276
 Delta R.T. 0.182 min
 Lab File: VX021715.D
 Acq: 01 Apr 2021 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135474ZHE#03

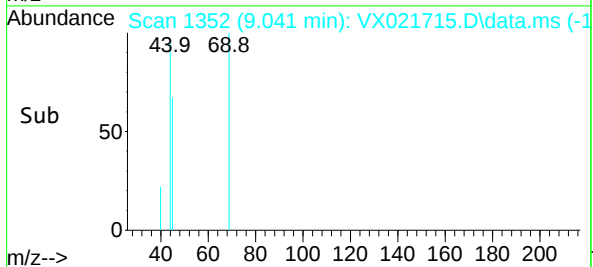
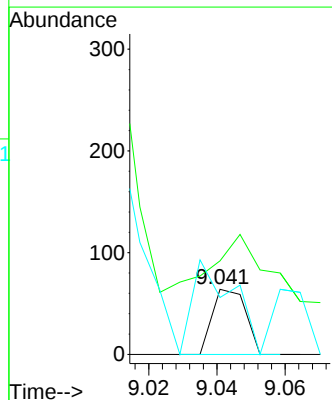
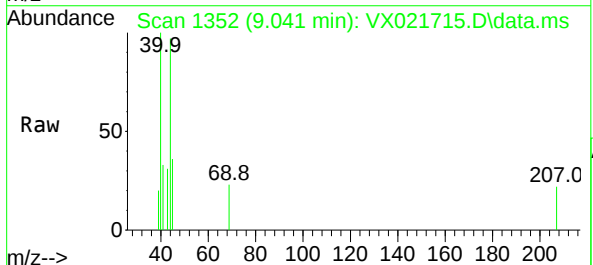


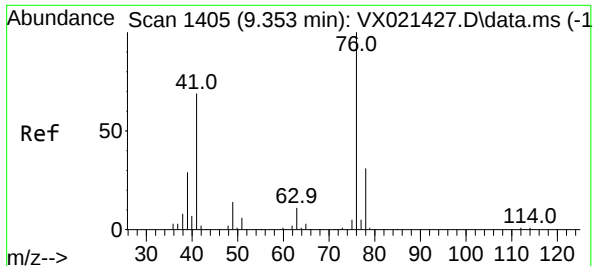
Tgt Ion: 75 Resp: 13061
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 42.2 35.1 52.7



#56
 Ethyl methacrylate
 Concen: 2.11 ug/l
 RT: 9.041 min Scan# 1352
 Delta R.T. -0.118 min
 Lab File: VX021715.D
 Acq: 01 Apr 2021 17:50

Tgt Ion: 69 Resp: 43
 Ion Ratio Lower Upper
 69 100
 41 0.0 46.8 70.2#
 39 0.0 24.7 37.1#



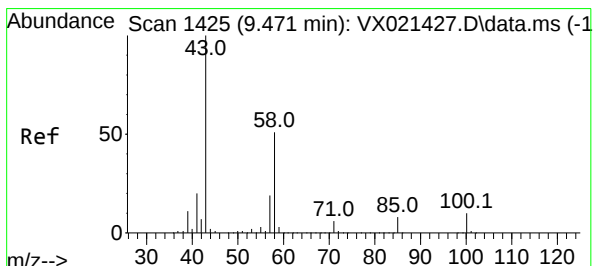
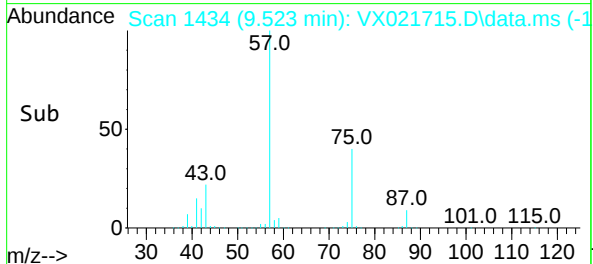
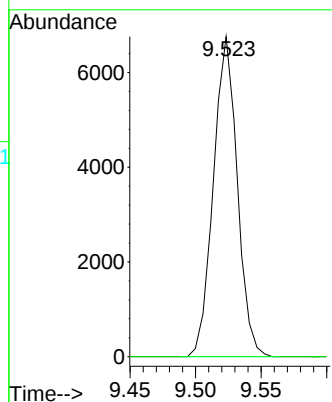
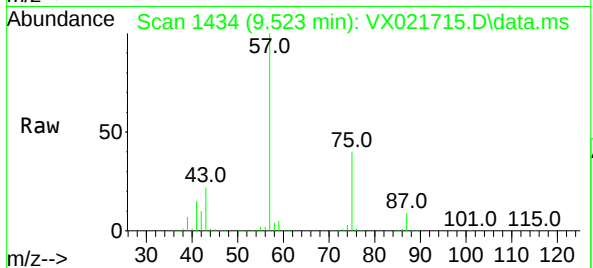


#57

1,3-Dichloropropane
Concen: 6.79 ug/l
RT: 9.523 min Scan# 1434
Delta R.T. 0.170 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#03

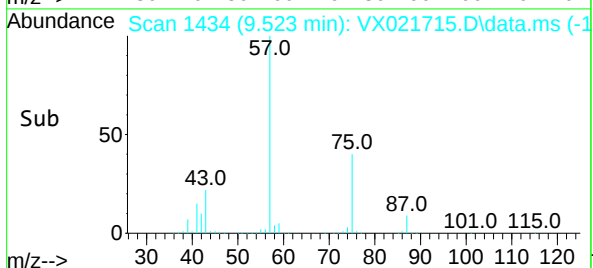
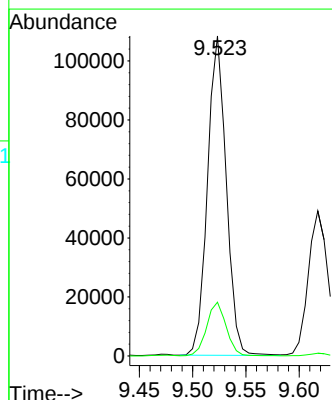
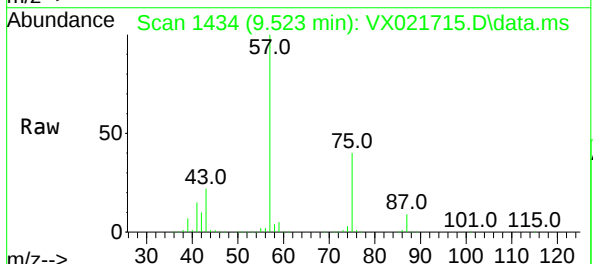
Tgt Ion: 76 Resp: 8542
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

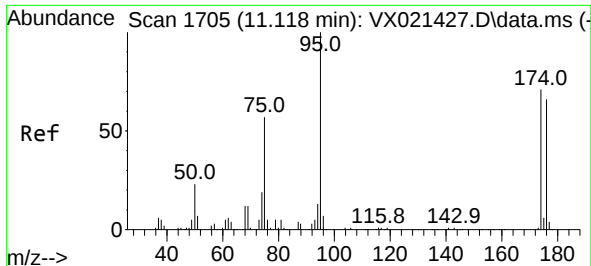


#59

2-Hexanone
Concen: 154.09 ug/l
RT: 9.523 min Scan# 1434
Delta R.T. 0.052 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

Tgt Ion: 43 Resp: 132674
Ion Ratio Lower Upper
43 100
58 17.5 30.9 92.8#

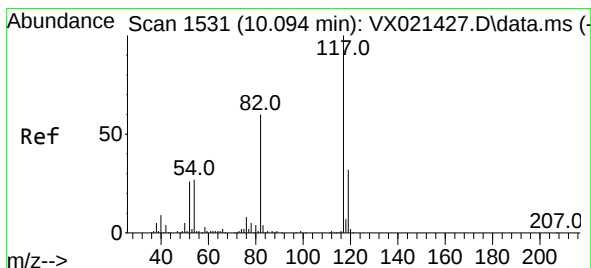
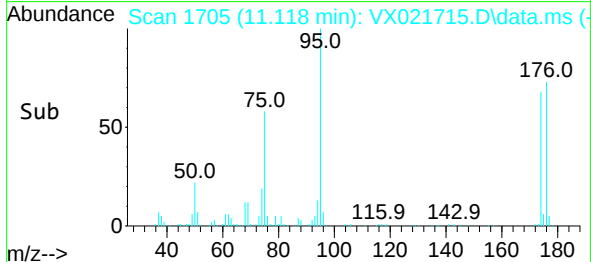
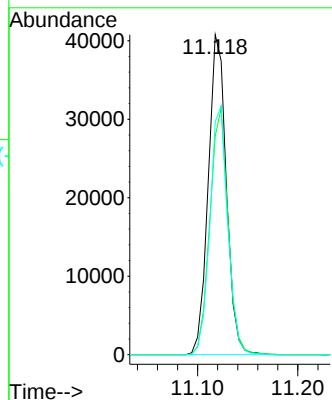
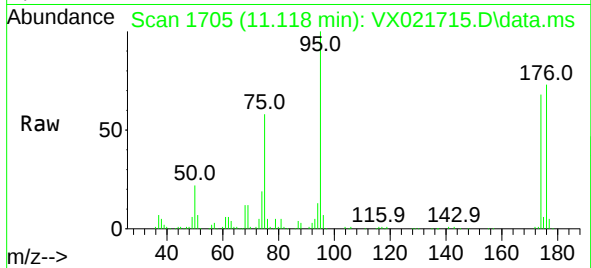




#62
4-Bromofluorobenzene
Concen: 51.27 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

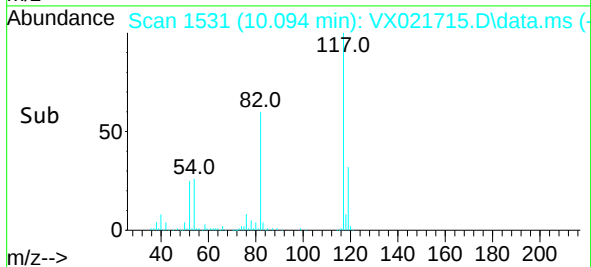
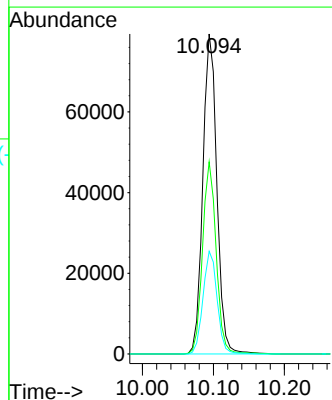
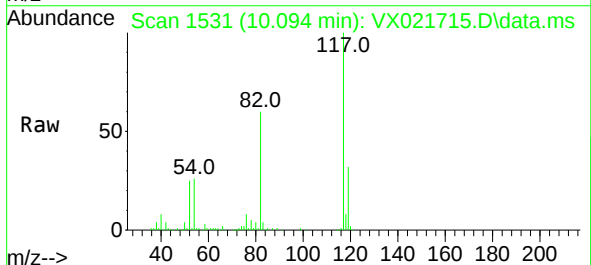
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#03

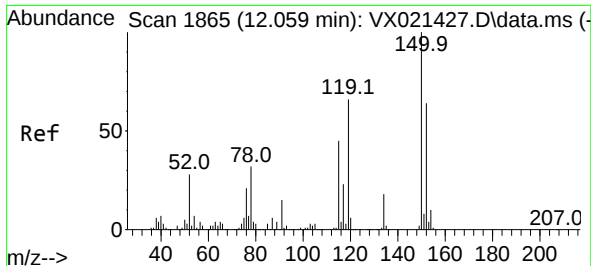
Tgt Ion: 95 Resp: 51129
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 76.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

Tgt Ion: 117 Resp: 109130
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.1 26.6 39.8

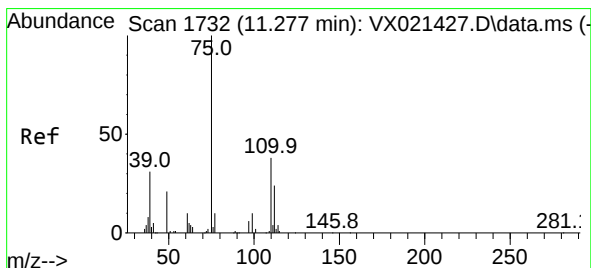
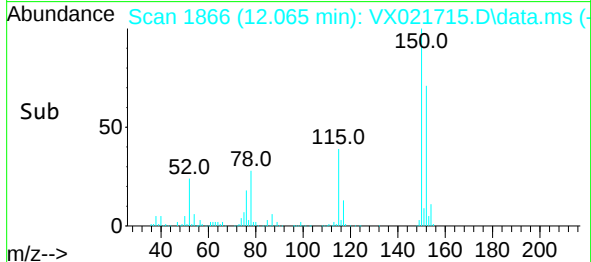
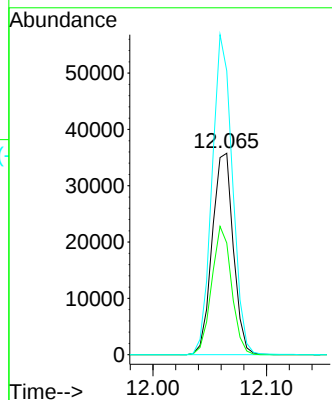
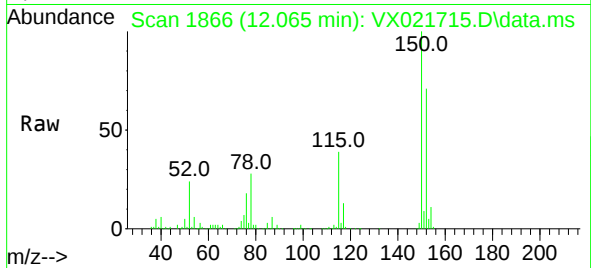




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

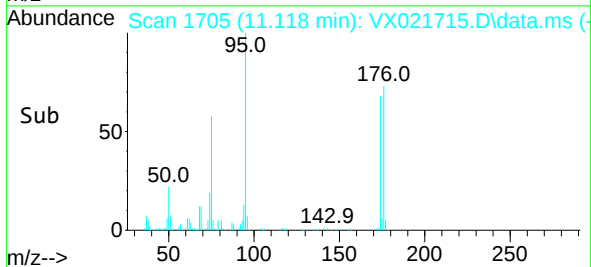
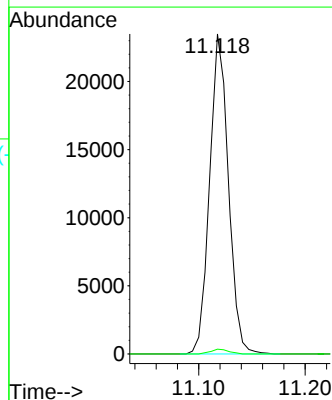
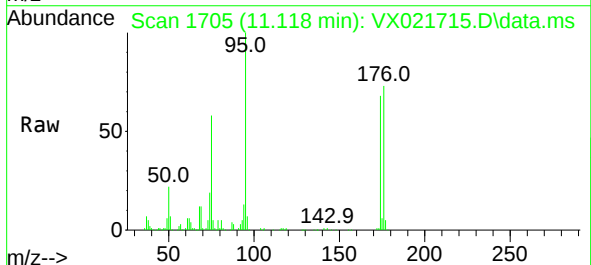
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#03

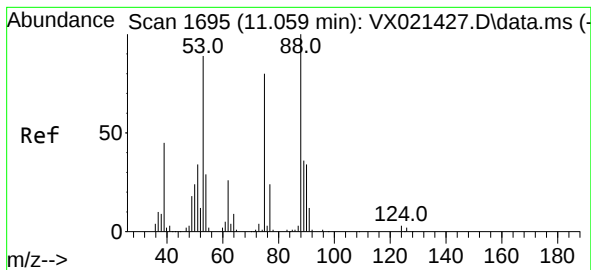
Tgt Ion:152 Resp: 46217
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 153.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.68 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021715.D
Acq: 01 Apr 2021 17:50

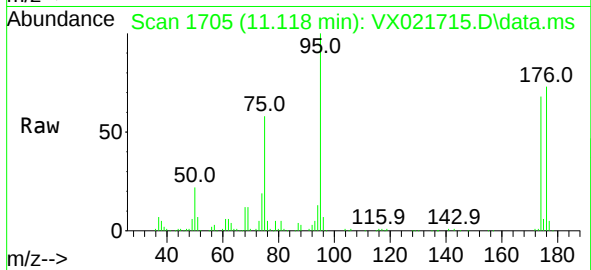
Tgt Ion: 75 Resp: 28703
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.26 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021715.D
 Acq: 01 Apr 2021 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135474ZHE#03



Tgt Ion: 75 Resp: 28703
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

