

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021713.D
 Acq On : 01 Apr 2021 17:03
 Operator : JC/MD
 Sample : PB135474ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135474ZHE#01

Quant Time: Apr 02 03:29:45 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)

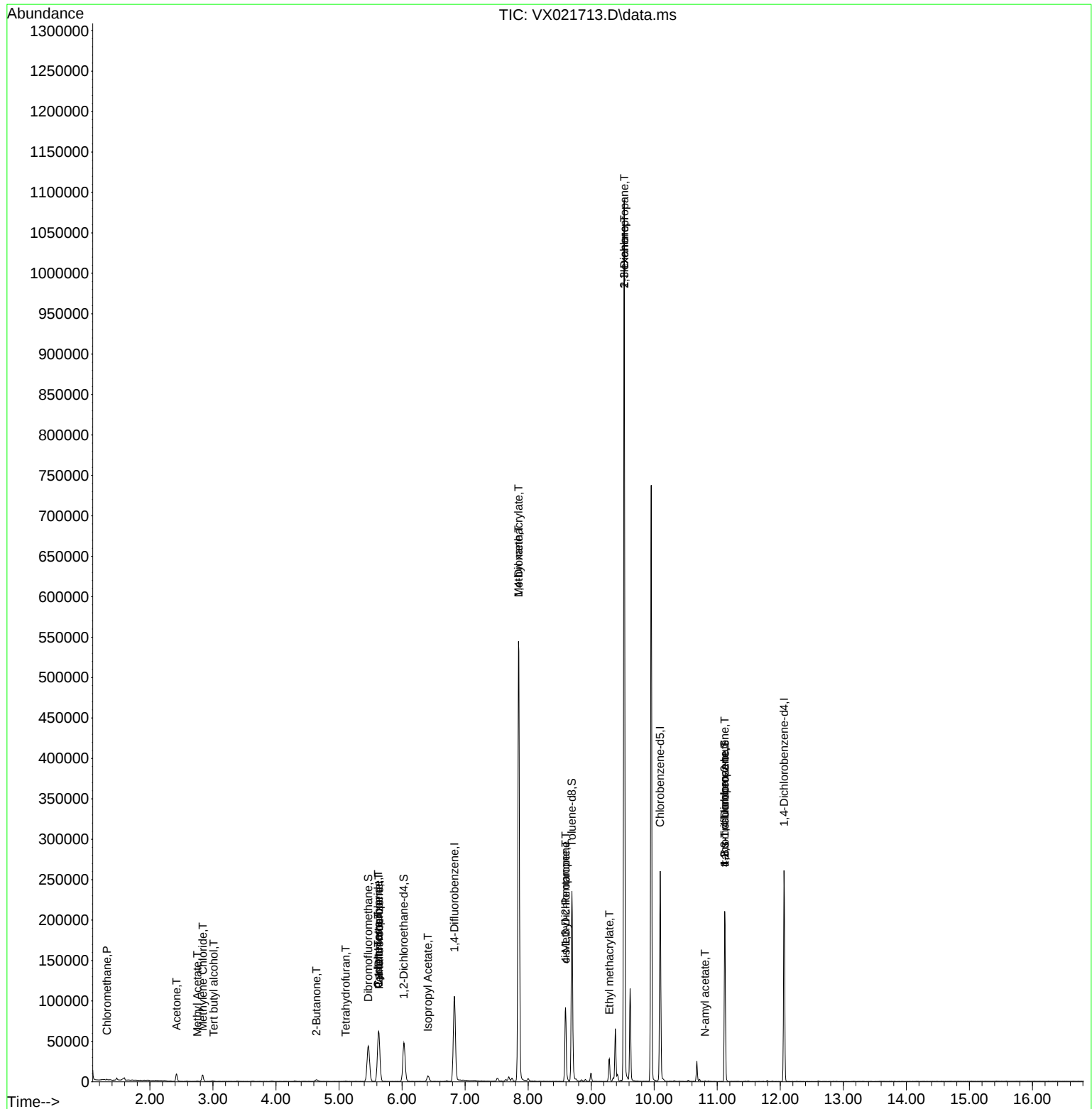
Internal Standards						
1) Pentafluorobenzene	5.635	168	54536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	98646	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	47356	52.19	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.38%			
35) Dibromofluoromethane	5.464	113	36920	52.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.38%			
50) Toluene-d8	8.694	98	133931	53.64	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.28%			
62) 4-Bromofluorobenzene	11.118	95	52513	54.09	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.18%			
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	1240	1.84	ug/l	93
11) Tert butyl alcohol	3.011	59	690	4.60	ug/l #	73
16) Acetone	2.423	43	9544	27.82	ug/l	91
18) Methyl Acetate	2.752	43	708	0.71	ug/l #	54
20) Methylene Chloride	2.840	84	3215	4.80	ug/l #	85
25) 2-Butanone	4.641	43	2896	5.57	ug/l #	82
29) Tetrahydrofuran	5.105	42	346	1.03	ug/l #	38
31) Cyclohexane	5.623	56	1444	1.45	ug/l #	13
36) 1,1-Dichloropropene	5.629	75	4811	4.98	ug/l #	49
38) Carbon Tetrachloride	5.623	117	5980	5.76	ug/l #	17
43) Isopropyl Acetate	6.411	43	8783	4.84	ug/l #	88
48) Methyl methacrylate	7.847	41	52885	54.63	ug/l #	38
49) 1,4-Dioxane	7.847	88	30	1.73	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	33323	29.85	ug/l #	44
54) cis-1,3-Dichloropropene	8.594	75	13151	11.10	ug/l #	76
56) Ethyl methacrylate	9.288	69	133	2.19	ug/l #	1
57) 1,3-Dichloropropane	9.524	76	8308	6.78	ug/l #	42
59) 2-Hexanone	9.524	43	128794	153.67	ug/l #	43
74) N-amyl acetate	10.806	43	556	0.33	ug/l #	38
76) 1,2,3-Trichloropropane	11.118	75	29631	26.02	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	29631	79.27	ug/l #	12

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

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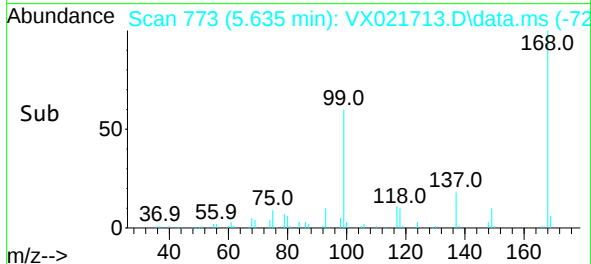
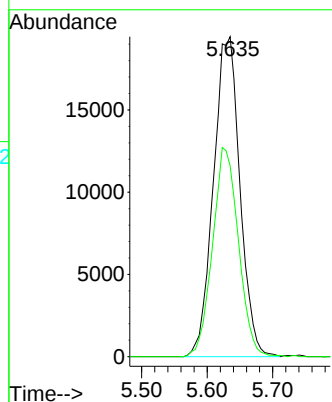
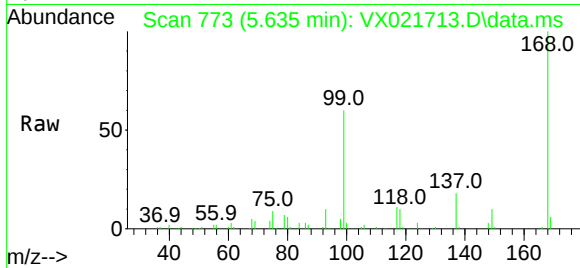




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

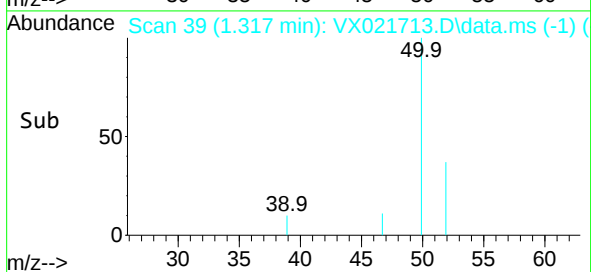
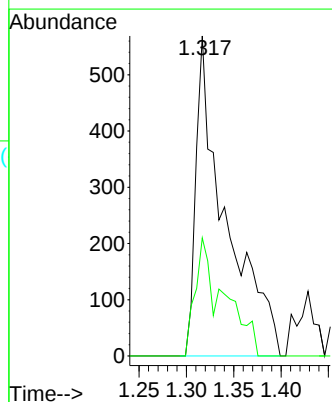
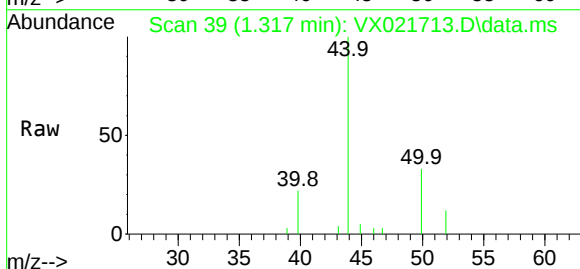
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

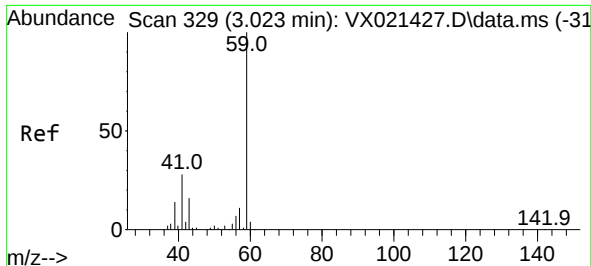
Tgt Ion:168 Resp: 54536
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6



#3
Chloromethane
Concen: 1.84 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 36.9 26.4 39.6

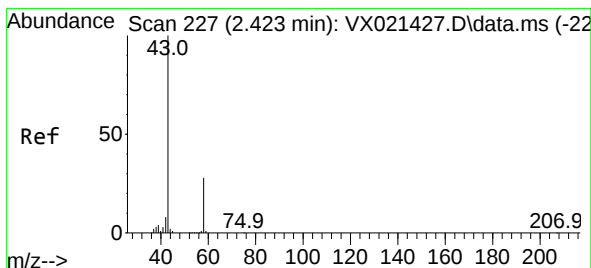
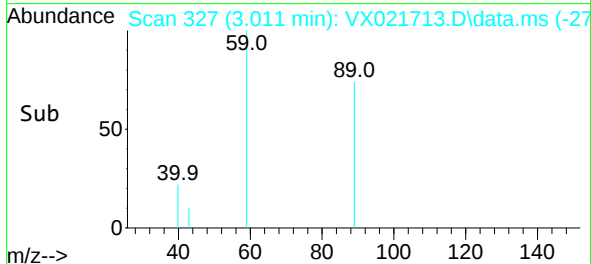
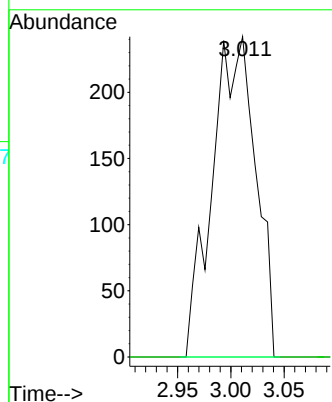
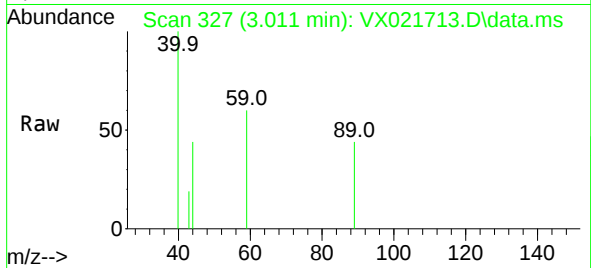




#11
Tert butyl alcohol
Concen: 4.60 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

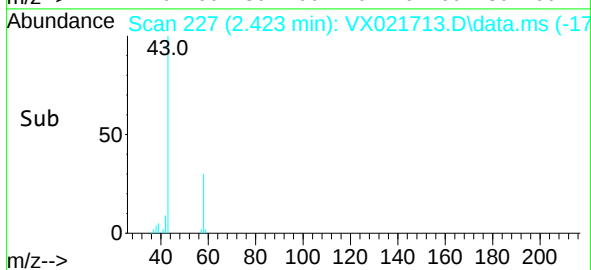
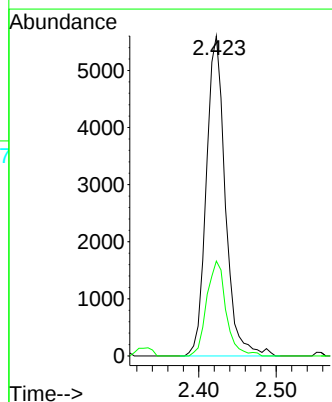
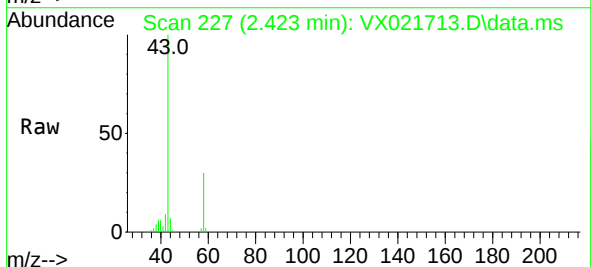
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

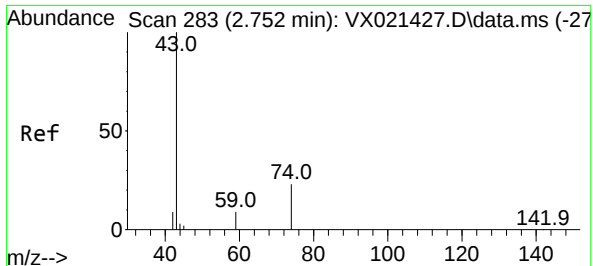
Tgt Ion: 59 Resp: 690
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 27.82 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

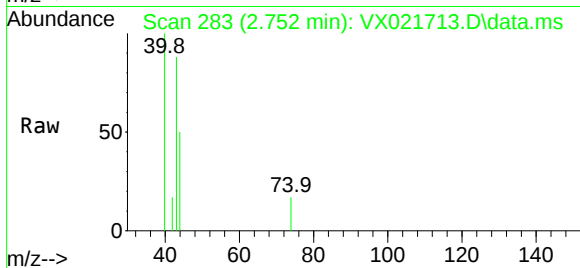
Tgt Ion: 43 Resp: 9544
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8



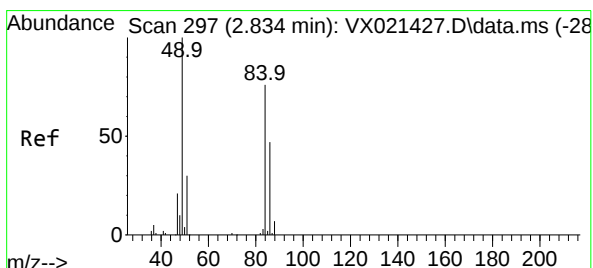
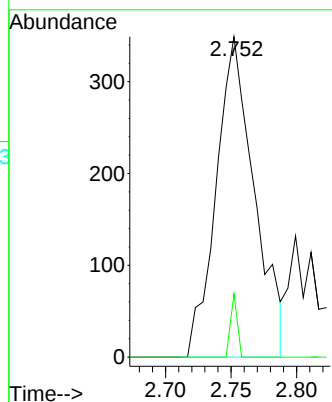
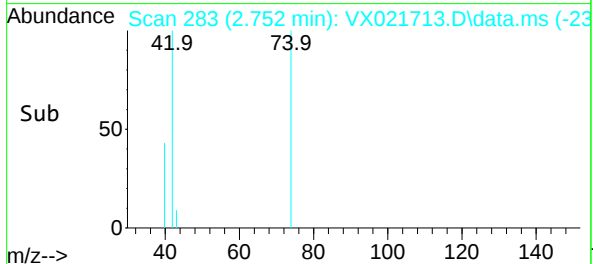


#18
Methyl Acetate
Concen: 0.71 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

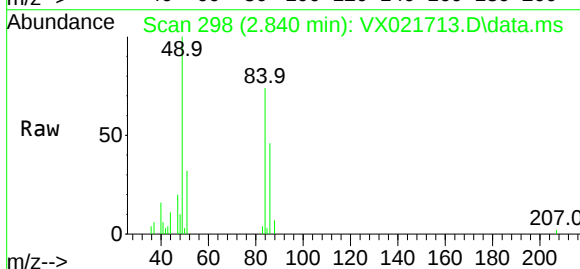
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01



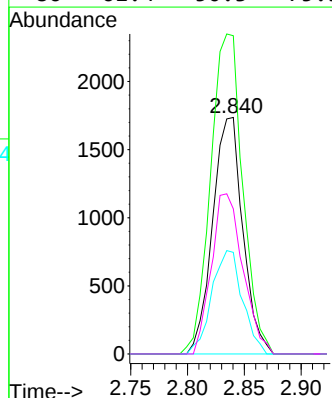
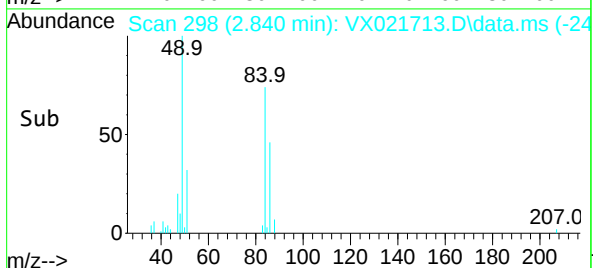
Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
74 3.4 21.9 32.9#

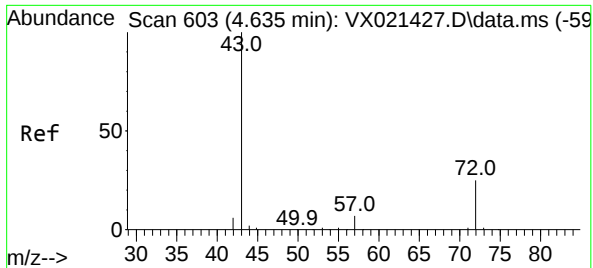


#20
Methylene Chloride
Concen: 4.80 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03



Tgt Ion: 84 Resp: 3215
Ion Ratio Lower Upper
84 100
49 134.6 88.6 132.8#
51 43.0 27.0 40.6#
86 61.4 50.3 75.5

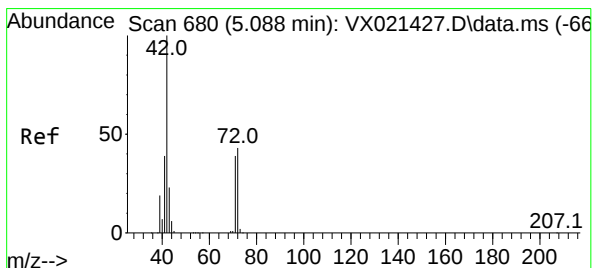
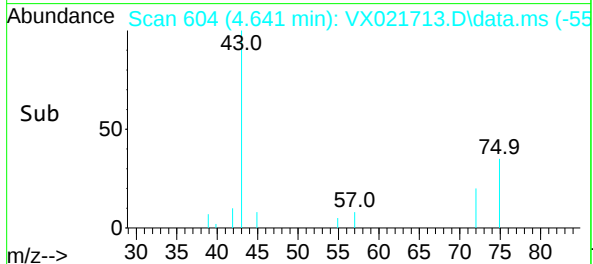
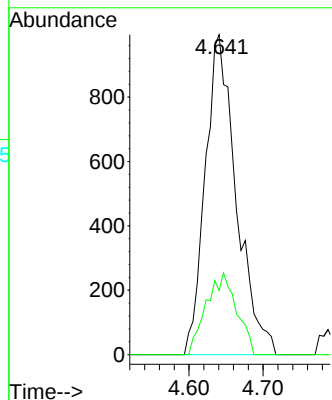
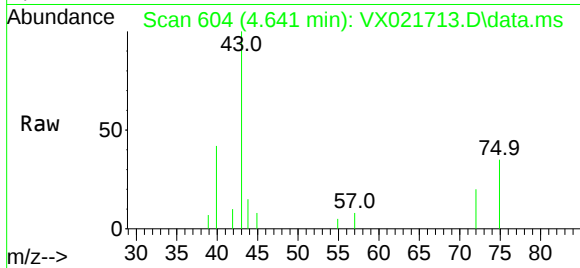




#25
2-Butanone
Concen: 5.57 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

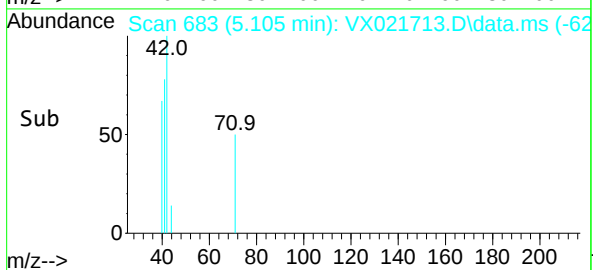
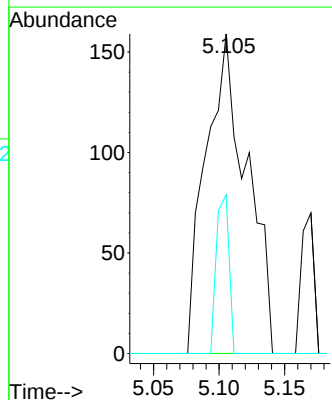
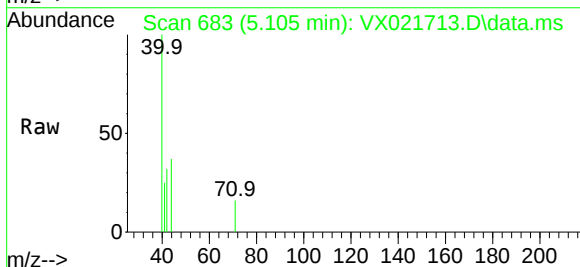
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

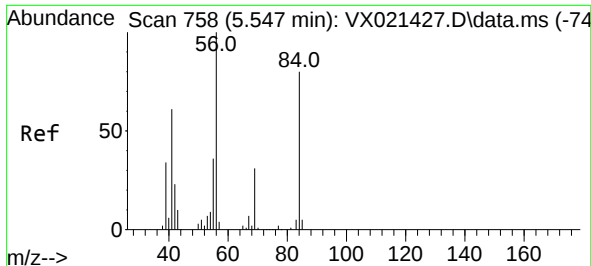
Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
72 20.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.03 ug/l
RT: 5.105 min Scan# 683
Delta R.T. 0.017 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

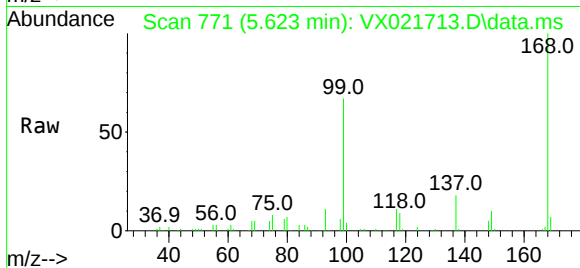
Tgt Ion: 42 Resp: 346
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 15.3 38.4 57.6#



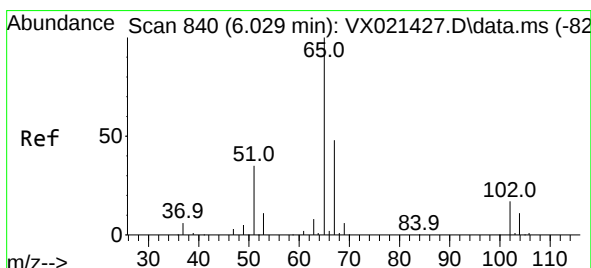
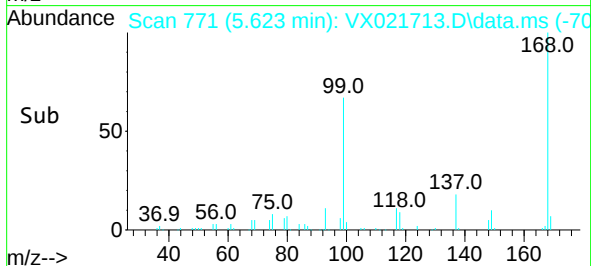
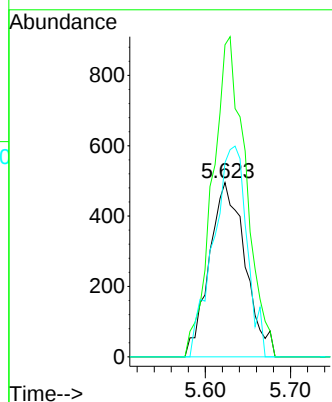


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

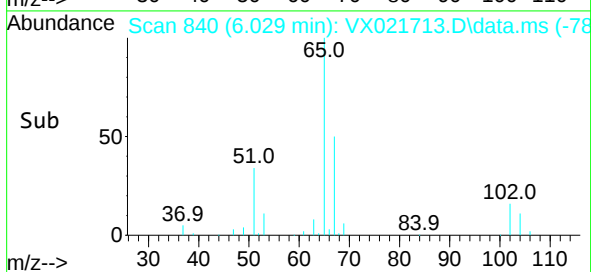
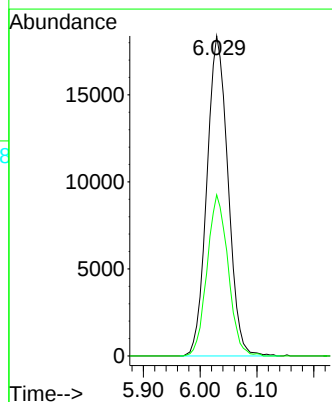
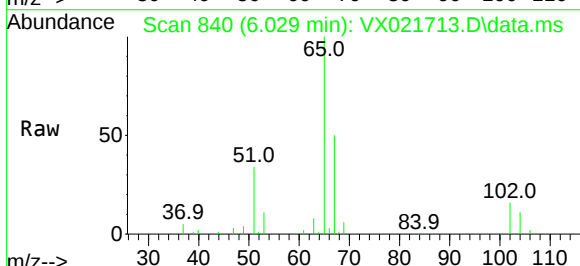


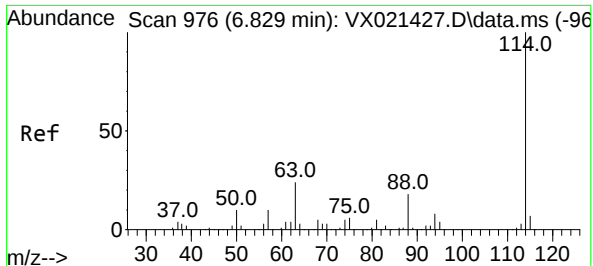
Tgt Ion: 56 Resp: 1444
Ion Ratio Lower Upper
56 100
69 179.2 25.3 37.9#
84 111.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.19 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Tgt Ion: 65 Resp: 47356
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

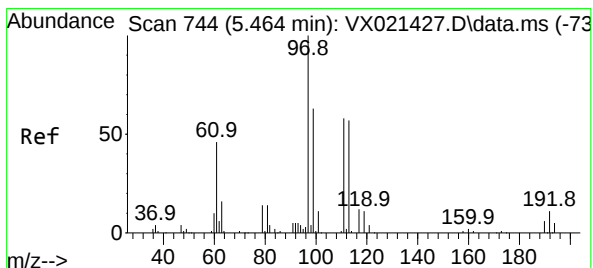
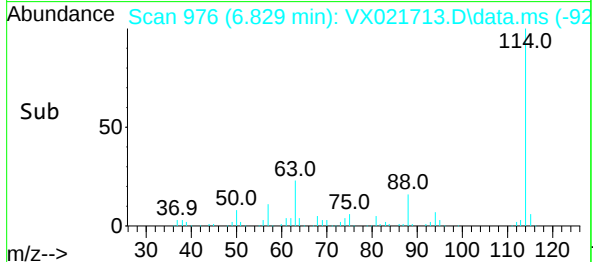
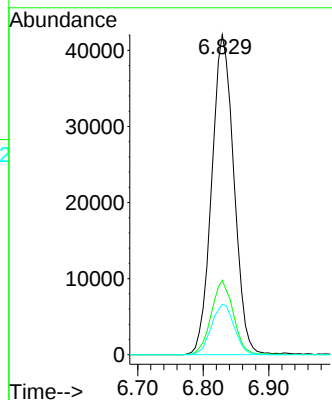
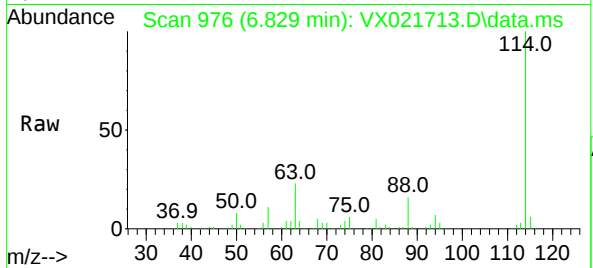




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

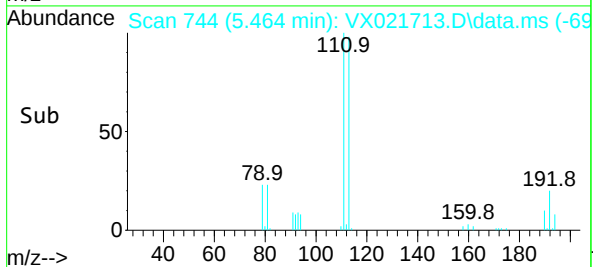
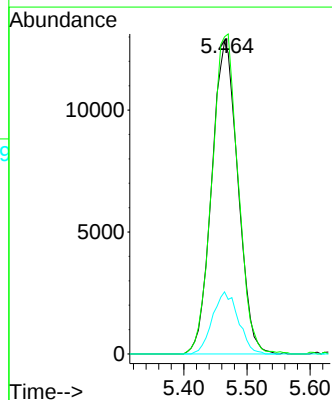
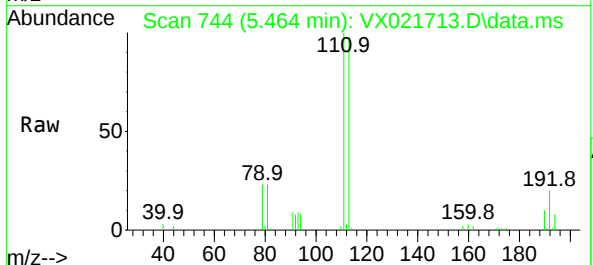
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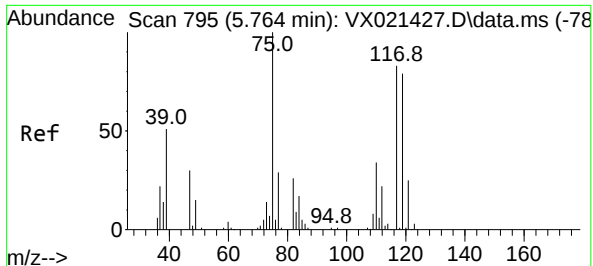
Tgt Ion:114 Resp: 98646
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.69 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Tgt Ion:113 Resp: 36920
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.98 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.135 min

Lab File: VX021713.D

Acq: 01 Apr 2021 17:03

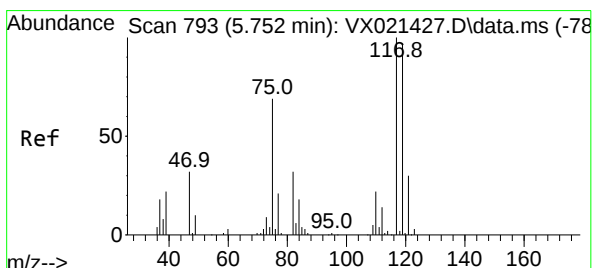
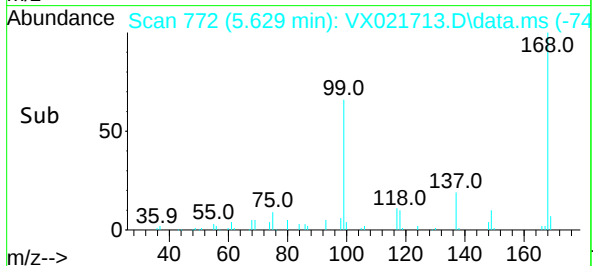
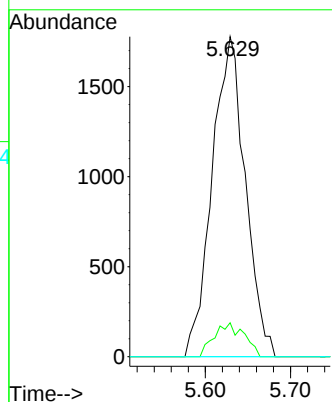
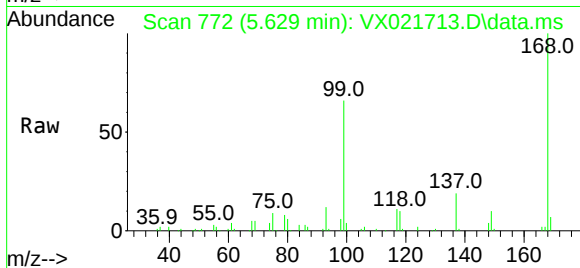
Instrument :

MSVOA_X

ClientSampleId :

PB135474ZHE#01

Tgt Ion: 75	Resp: 4811
Ion Ratio	Lower Upper
75 100	
110 9.6	18.1 54.4#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.76 ug/l

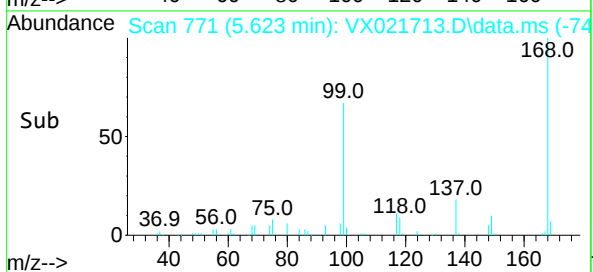
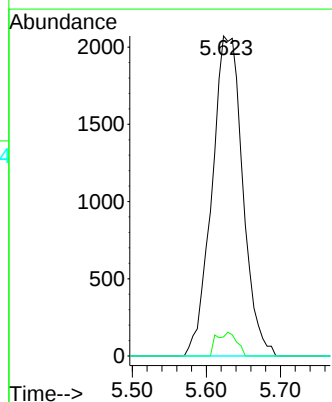
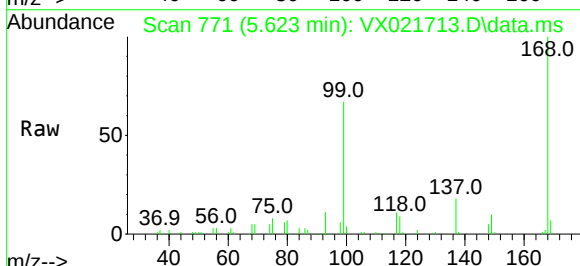
RT: 5.623 min Scan# 771

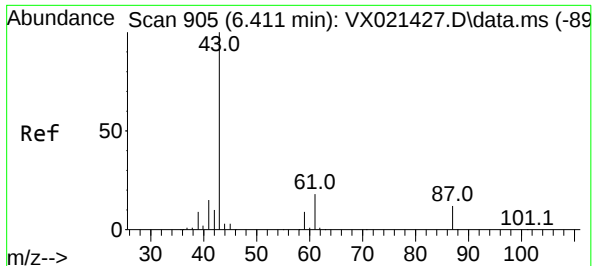
Delta R.T. -0.129 min

Lab File: VX021713.D

Acq: 01 Apr 2021 17:03

Tgt Ion: 117	Resp: 5980
Ion Ratio	Lower Upper
117 100	
119 5.9	76.2 114.2#
121 0.0	24.8 37.2#

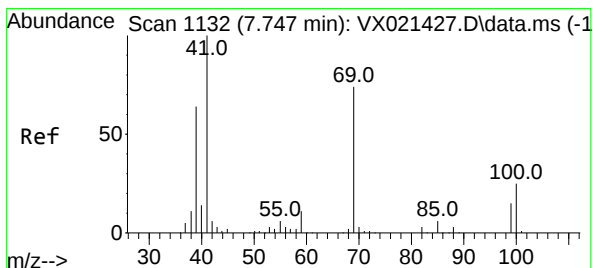
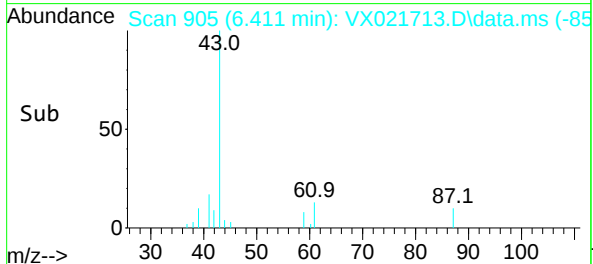
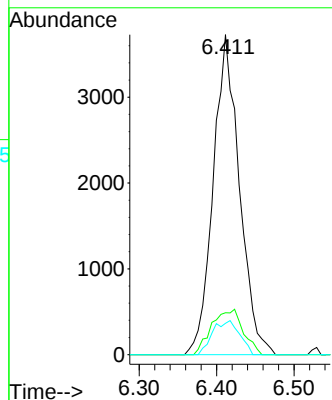
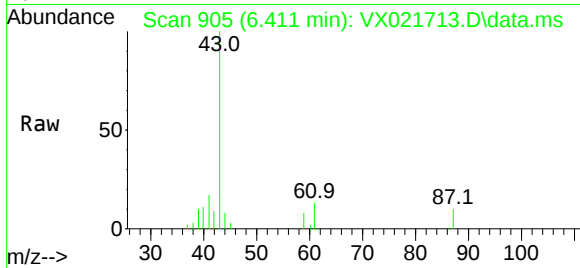




#43
Isopropyl Acetate
Concen: 4.84 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

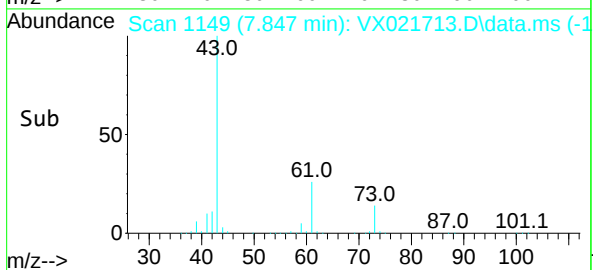
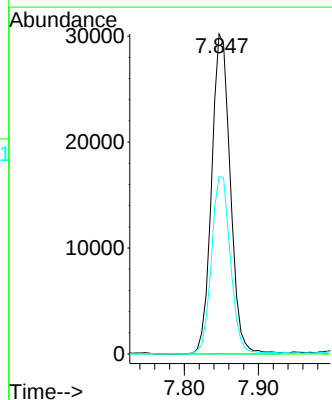
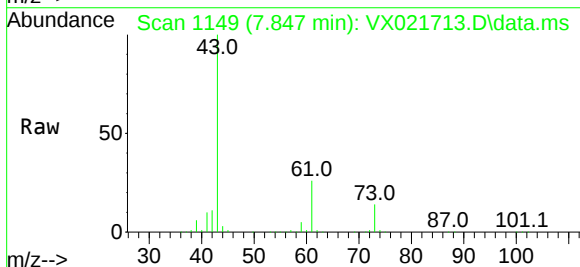
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

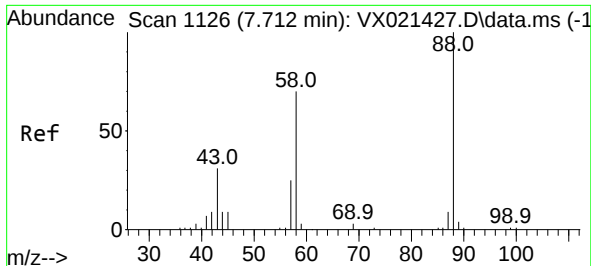
Tgt Ion: 43 Resp: 8783
Ion Ratio Lower Upper
43 100
61 16.9 18.2 27.4#
87 11.0 12.5 18.7#



#48
Methyl methacrylate
Concen: 54.63 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.100 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Tgt Ion: 41 Resp: 52885
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 56.6 44.6 67.0

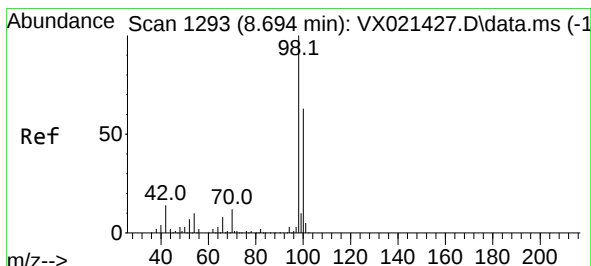
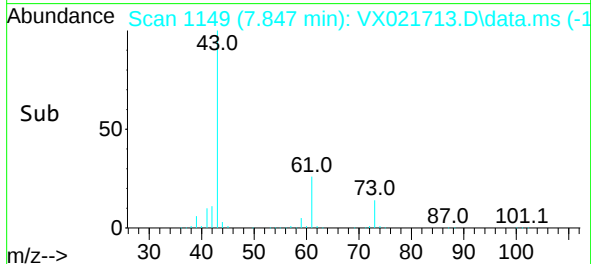
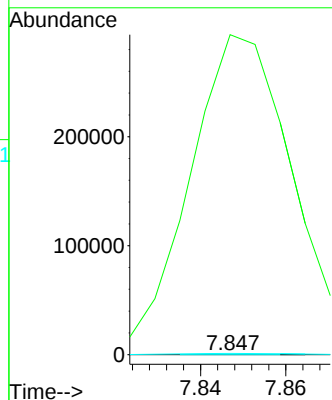
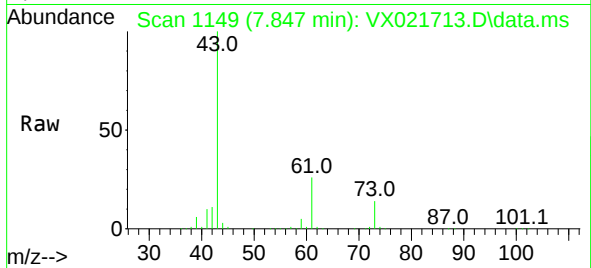




#49
1,4-Dioxane
Concen: 1.73 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

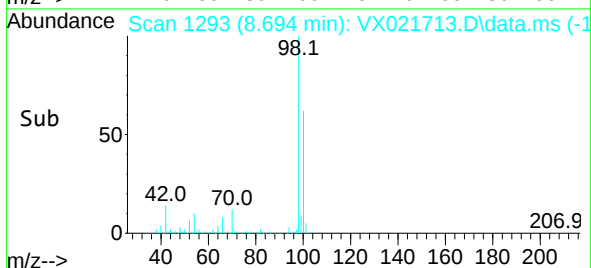
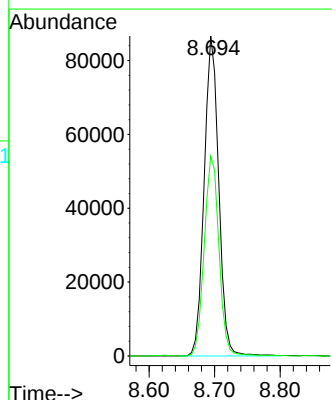
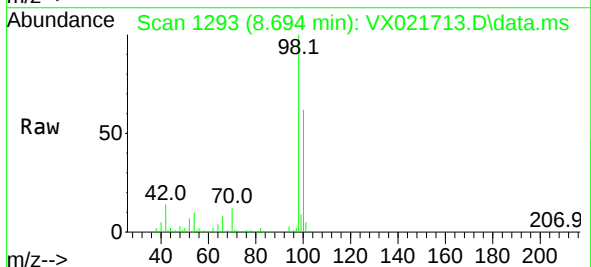
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

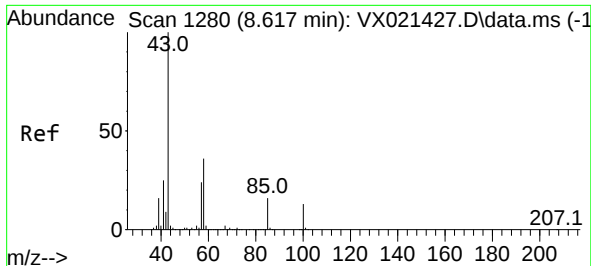
Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 1676956.7 23.2 34.8#
58 7886.7 55.0 82.4#



#50
Toluene-d8
Concen: 53.64 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Tgt Ion: 98 Resp: 133931
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

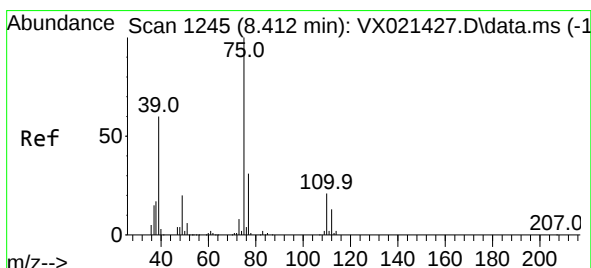
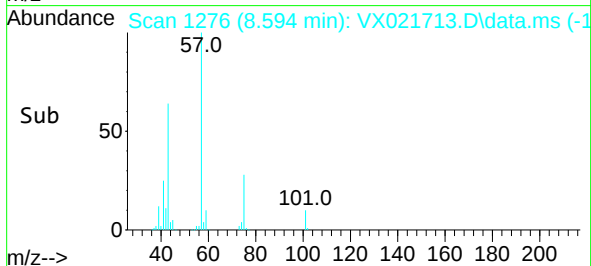
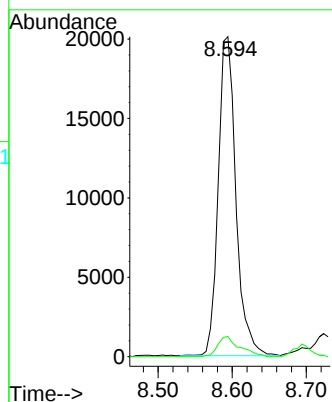
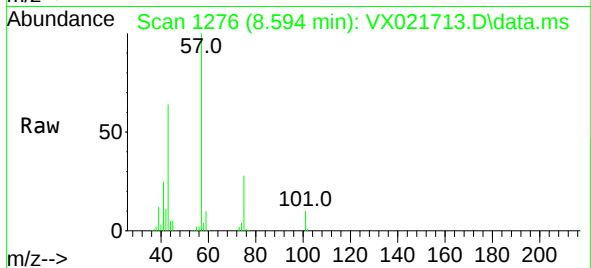




#51
4-Methyl-2-Pentanone
Concen: 29.85 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.023 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

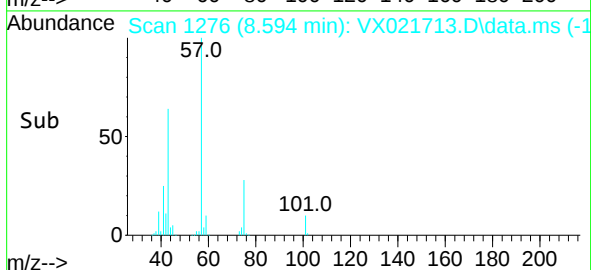
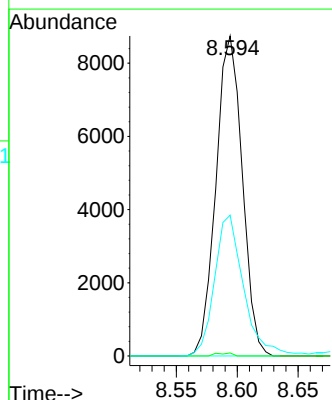
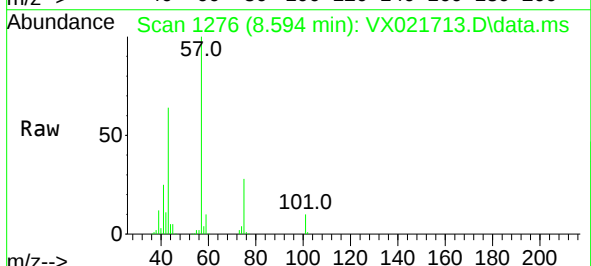
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

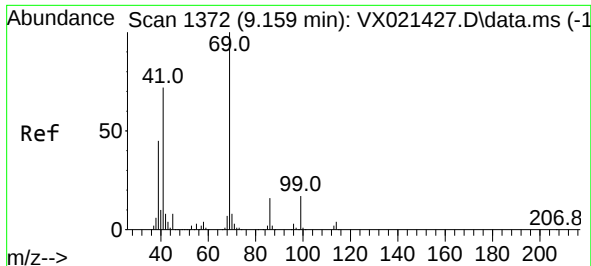
Tgt Ion: 43 Resp: 33323
Ion Ratio Lower Upper
43 100
58 7.9 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.10 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

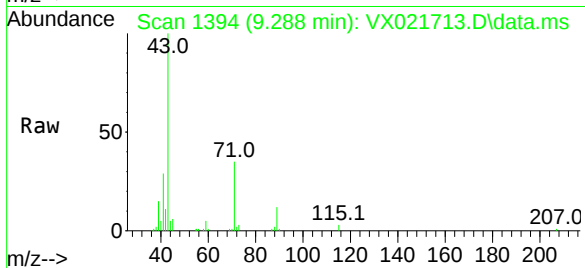
Tgt Ion: 75 Resp: 13151
Ion Ratio Lower Upper
75 100
77 0.9 25.7 38.5#
39 44.0 35.1 52.7



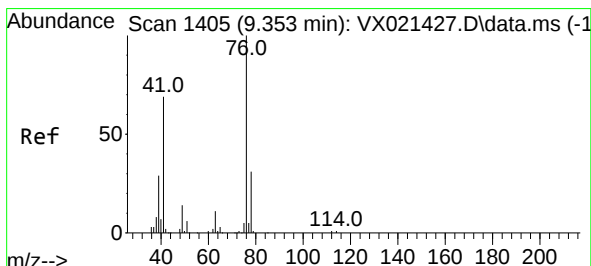
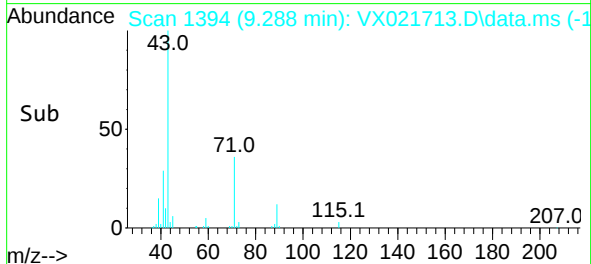
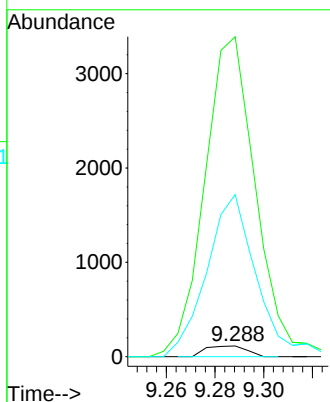


#56
Ethyl methacrylate
Concen: 2.19 ug/l
RT: 9.288 min Scan# 1394
Delta R.T. 0.129 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

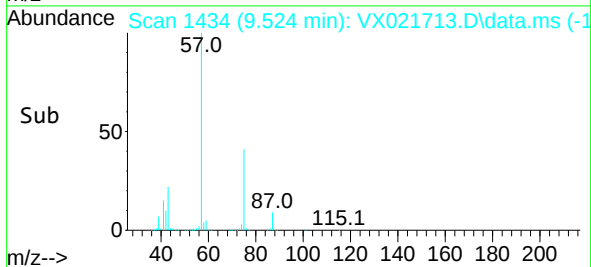
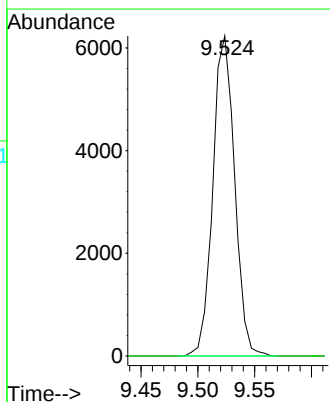
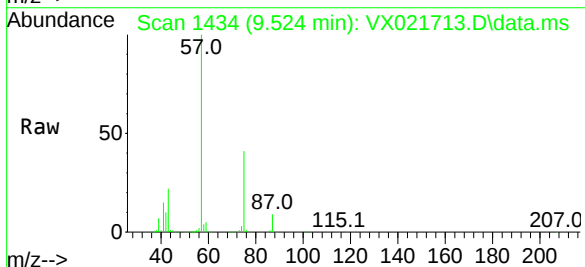


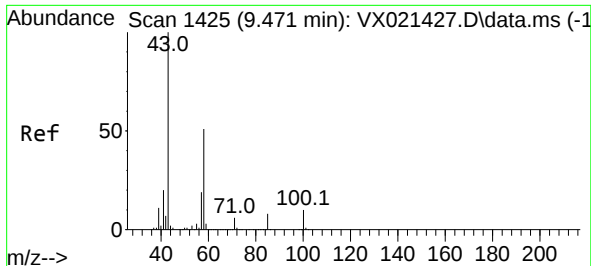
Tgt Ion: 69 Resp: 133
Ion Ratio Lower Upper
69 100
41 3716.5 46.8 70.2#
39 1833.8 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.78 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.171 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Tgt Ion: 76 Resp: 8308
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

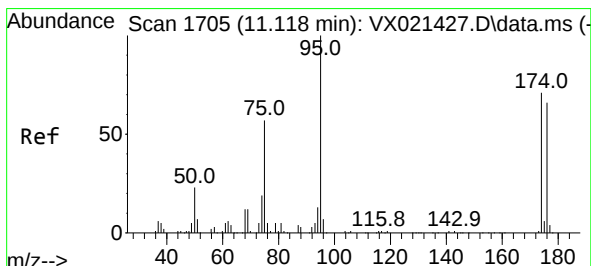
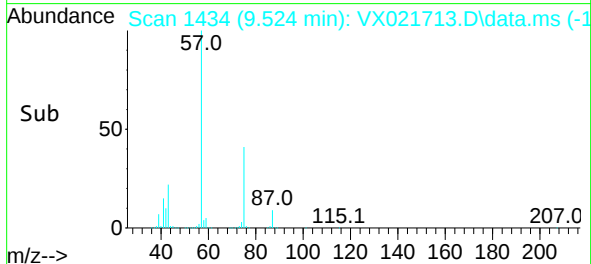
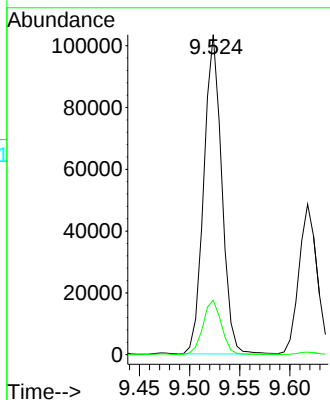
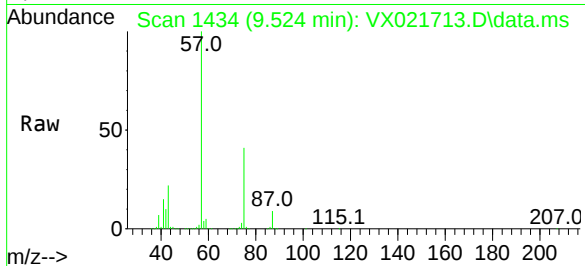




#59
2-Hexanone
Concen: 153.67 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.053 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

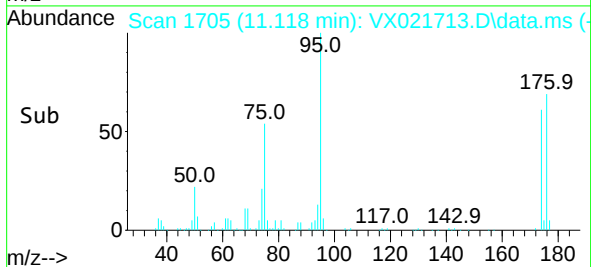
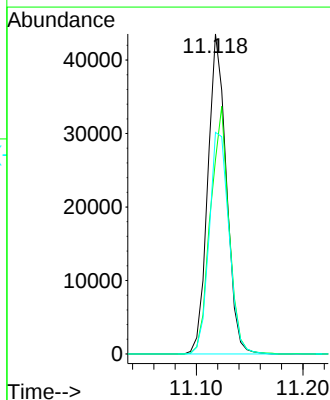
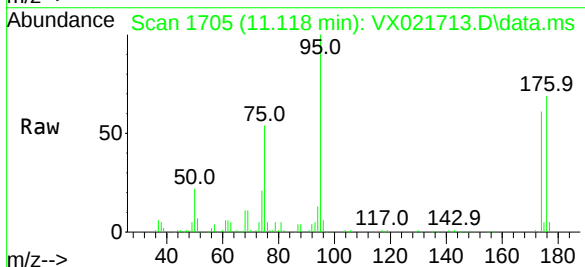
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

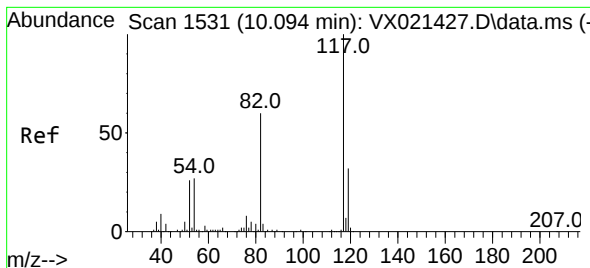
Tgt Ion: 43 Resp: 128794
Ion Ratio Lower Upper
43 100
58 17.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 54.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Tgt Ion: 95 Resp: 52513
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 74.4 0.0 155.8

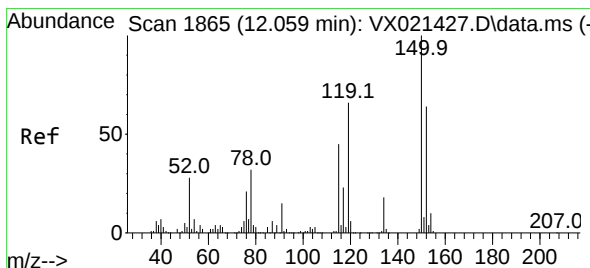
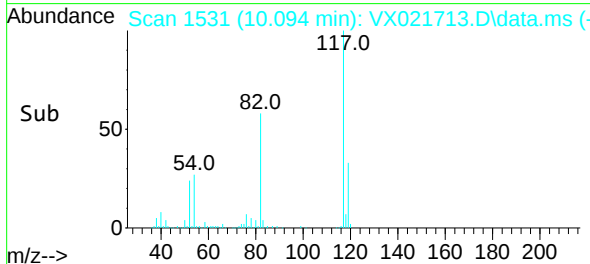
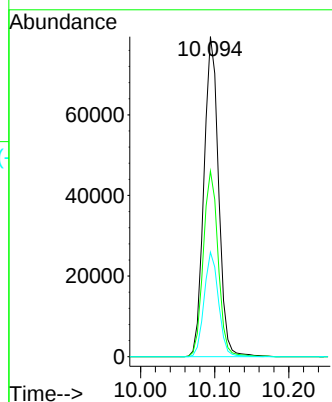
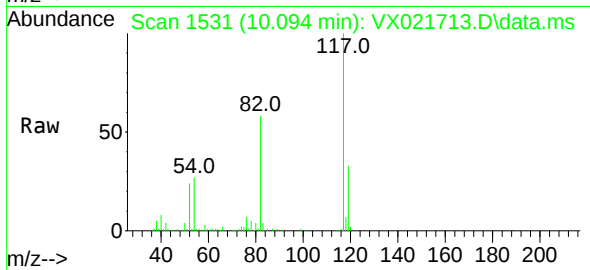




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

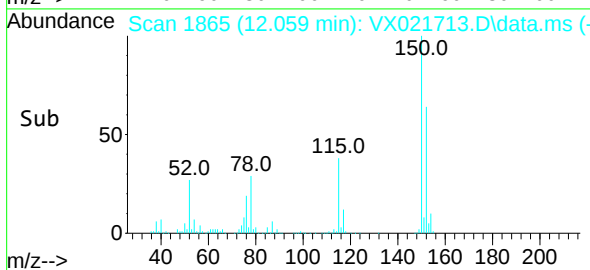
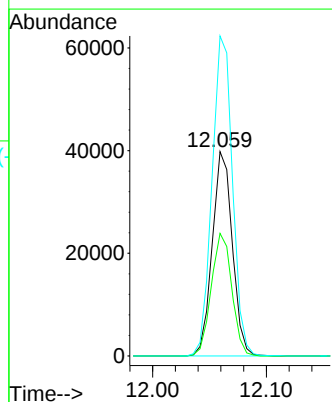
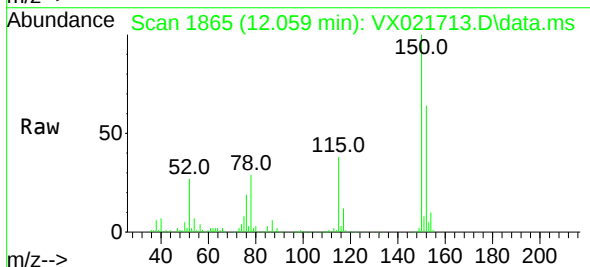
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

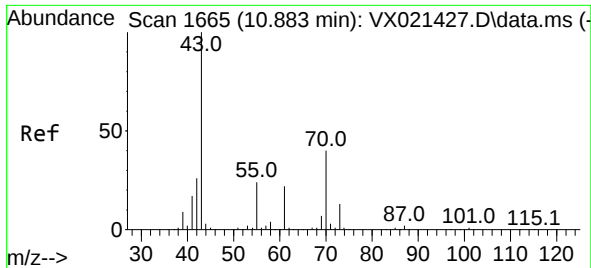
Tgt Ion:117 Resp: 109489
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

Tgt Ion:152 Resp: 48911
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 159.3 0.0 349.0

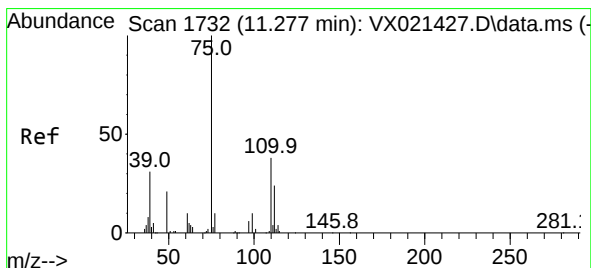
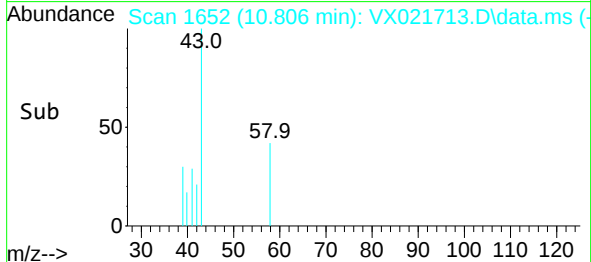
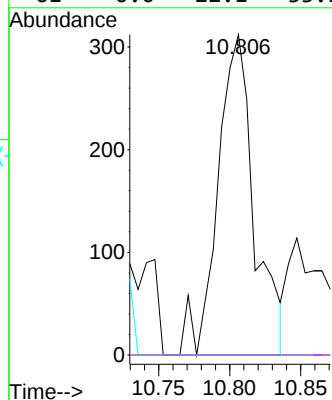
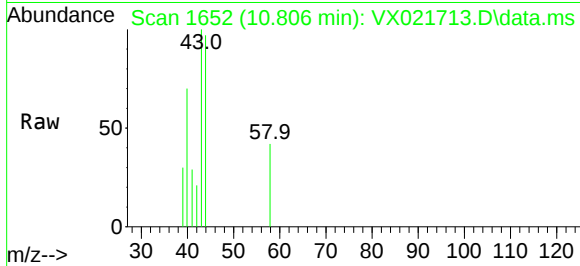




#74
N-amy1 acetate
Concen: 0.33 ug/l
RT: 10.806 min Scan# 1652
Delta R.T. -0.077 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

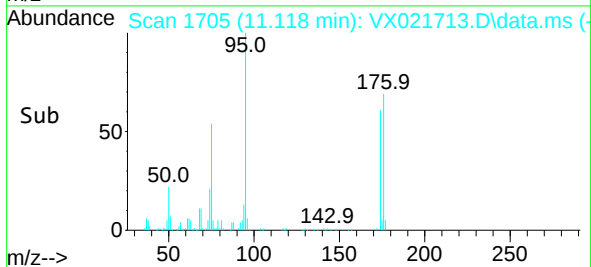
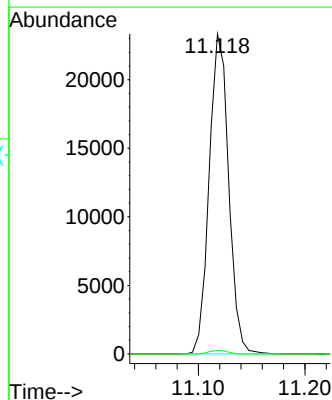
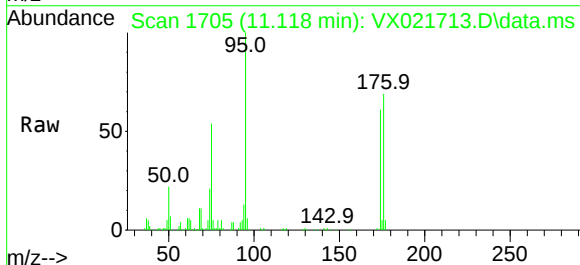
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#01

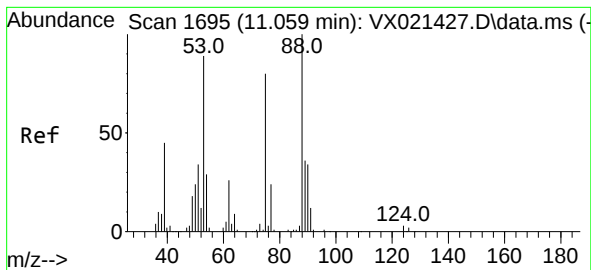
Tgt Ion: 43	Resp: 556
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.02 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021713.D
Acq: 01 Apr 2021 17:03

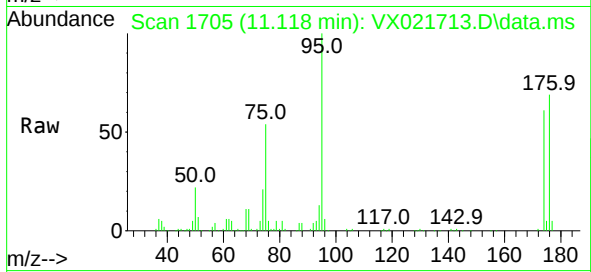
Tgt Ion: 75	Resp: 29631
Ion Ratio	Lower Upper
75 100	
77 1.0	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.27 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021713.D
 Acq: 01 Apr 2021 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135474ZHE#01



Tgt Ion: 75 Resp: 29631
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

