

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021714.D
 Acq On : 01 Apr 2021 17:27
 Operator : JC/MD
 Sample : PB135474ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135474ZHE#02

Quant Time: Apr 02 03:30:07 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)

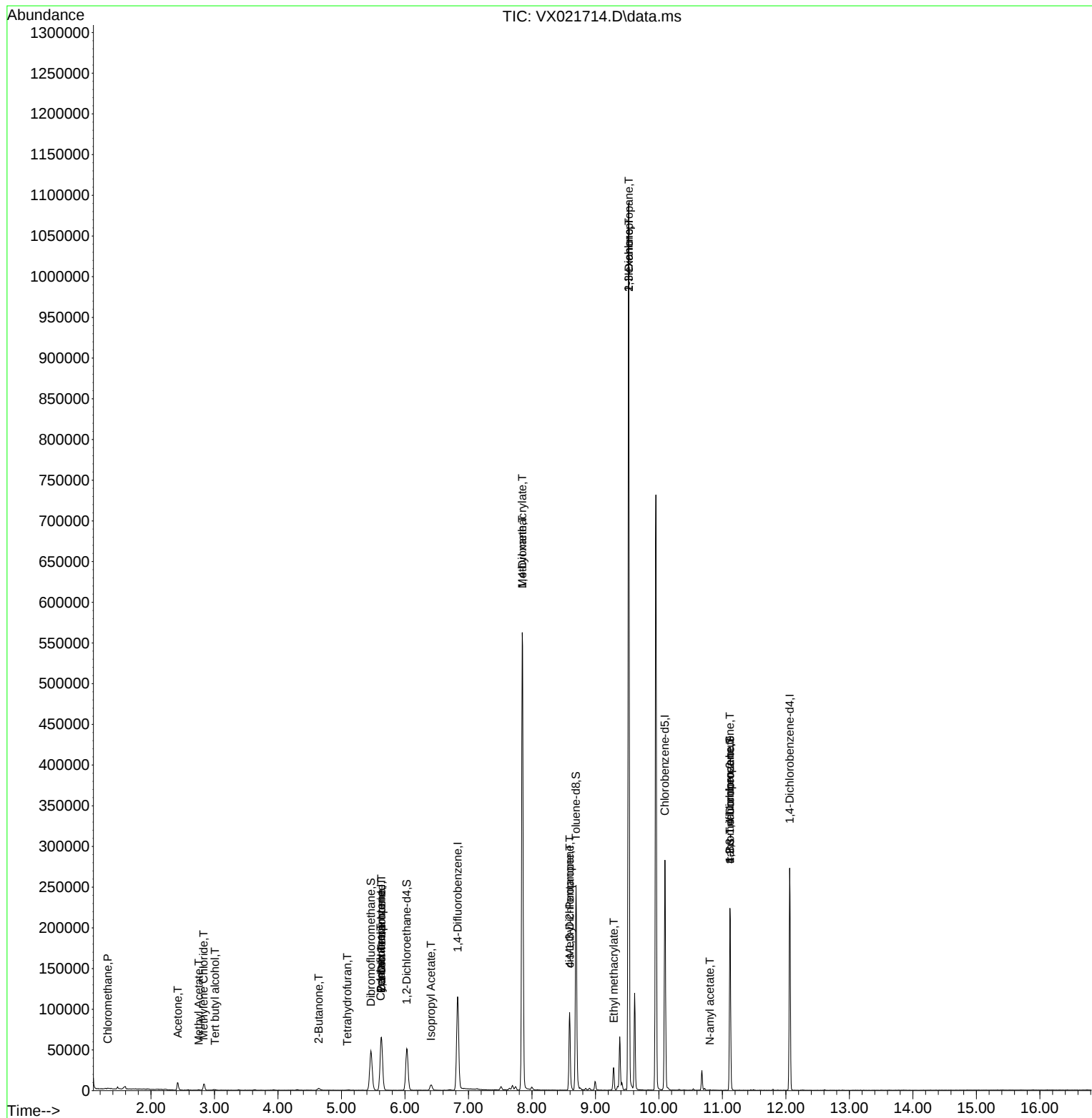
Internal Standards						
1) Pentafluorobenzene	5.623	168	57019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	106410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51253	54.02	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.04%			
35) Dibromofluoromethane	5.464	113	40064	53.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.00%			
50) Toluene-d8	8.694	98	141043	52.36	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.72%			
62) 4-Bromofluorobenzene	11.118	95	57182	54.60	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.20%			
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	1082	1.54	ug/l #	75
11) Tert butyl alcohol	3.005	59	701	4.47	ug/l #	73
16) Acetone	2.423	43	10087	28.12	ug/l	89
18) Methyl Acetate	2.752	43	800	0.77	ug/l #	81
20) Methylene Chloride	2.829	84	3214	4.59	ug/l #	82
25) 2-Butanone	4.641	43	2951	5.43	ug/l	94
29) Tetrahydrofuran	5.094	42	203	0.58	ug/l #	36
31) Cyclohexane	5.617	56	1545	1.48	ug/l #	40
36) 1,1-Dichloropropene	5.629	75	5258	5.04	ug/l #	48
38) Carbon Tetrachloride	5.629	117	6303	5.63	ug/l #	17
43) Isopropyl Acetate	6.412	43	8900	4.55	ug/l #	90
48) Methyl methacrylate	7.847	41	52739	50.50	ug/l #	38
49) 1,4-Dioxane	7.847	88	80	4.28	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	33187	27.56	ug/l #	44
54) cis-1,3-Dichloropropene	8.594	75	13296	10.40	ug/l #	75
56) Ethyl methacrylate	9.288	69	144	2.19	ug/l #	1
57) 1,3-Dichloropropane	9.524	76	8270	6.26	ug/l #	42
59) 2-Hexanone	9.524	43	130654	144.51	ug/l #	43
74) N-amyl acetate	10.800	43	466	0.27	ug/l #	38
76) 1,2,3-Trichloropropane	11.118	75	32095	26.77	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32095	81.54	ug/l #	12

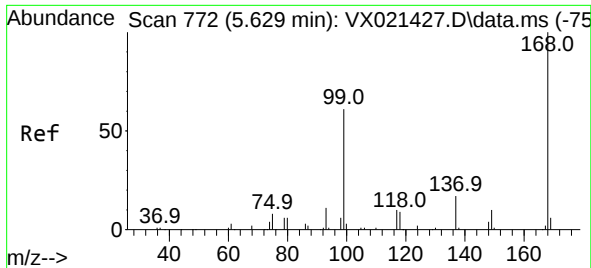
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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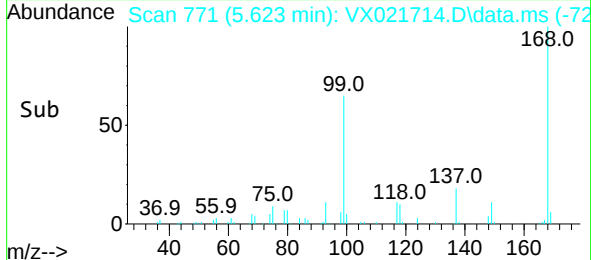
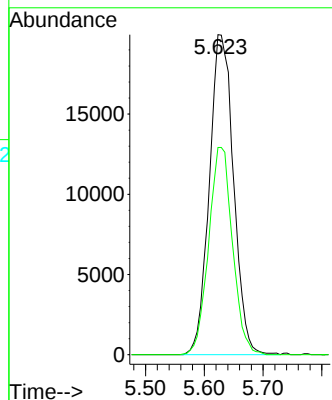
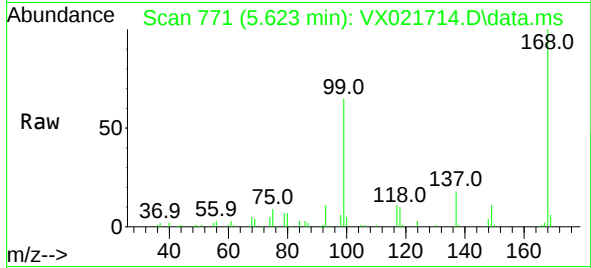




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

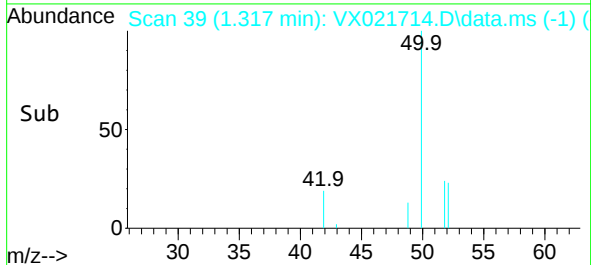
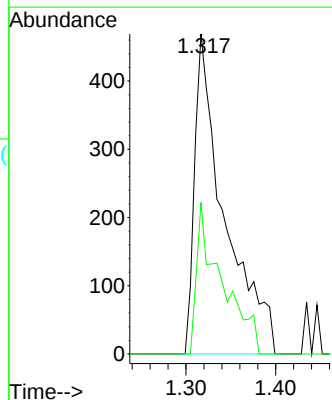
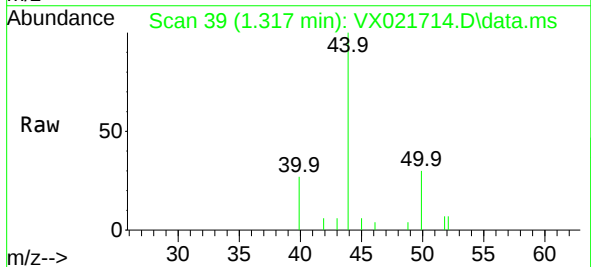
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

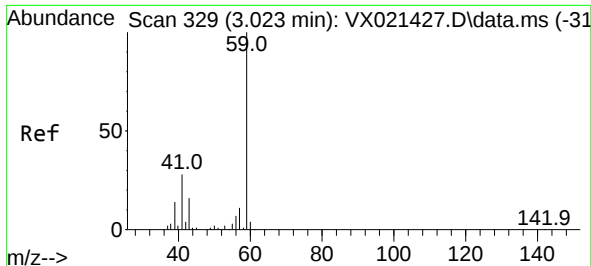
Tgt Ion:168 Resp: 57019
Ion Ratio Lower Upper
168 100
99 64.7 45.8 68.6



#3
Chloromethane
Concen: 1.54 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion: 50 Resp: 1082
Ion Ratio Lower Upper
50 100
52 47.3 26.4 39.6#

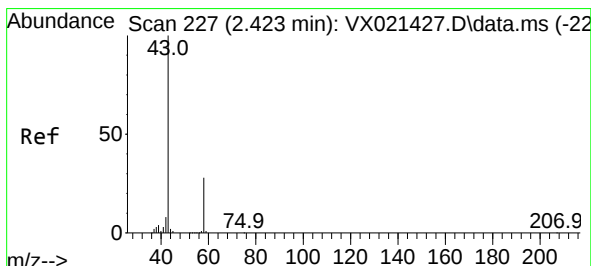
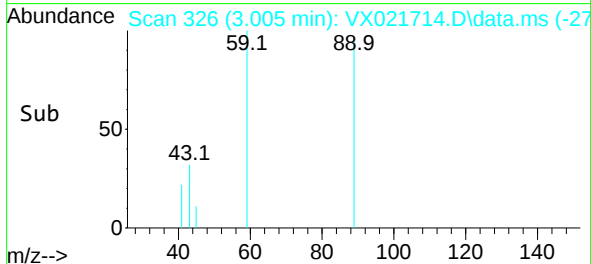
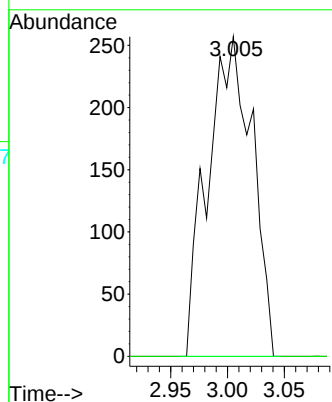
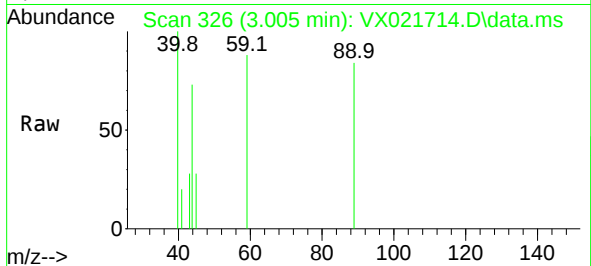




#11
Tert butyl alcohol
Concen: 4.47 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

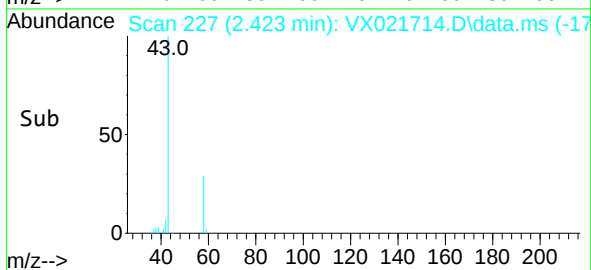
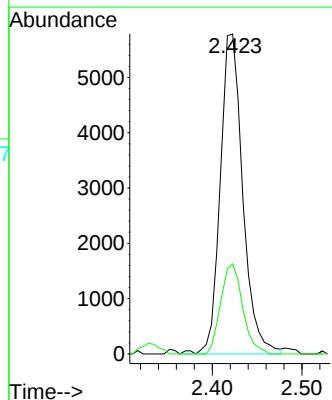
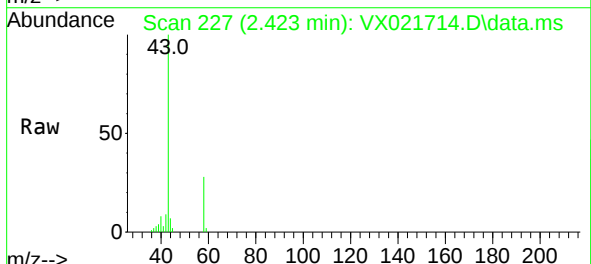
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

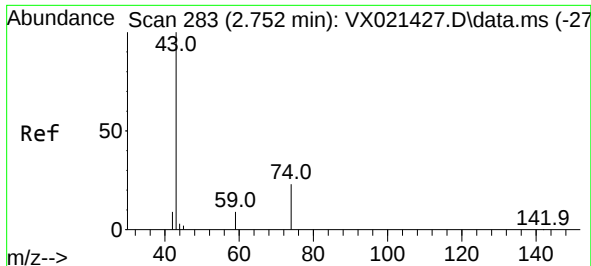
Tgt Ion: 59 Resp: 701
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 28.12 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion: 43 Resp: 10087
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8

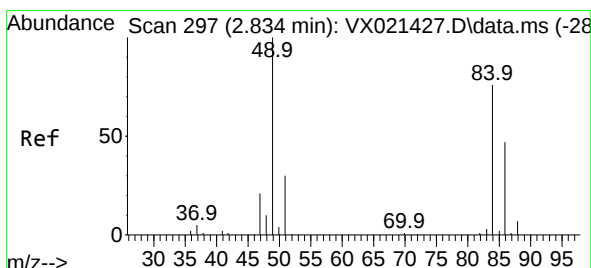
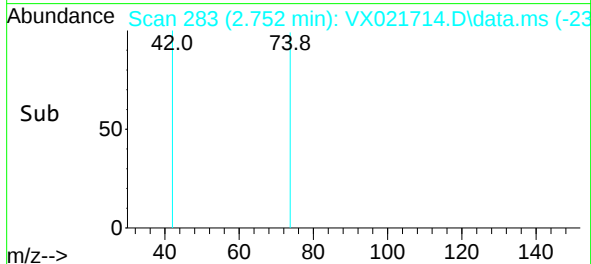
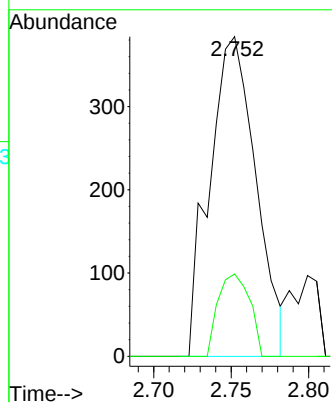
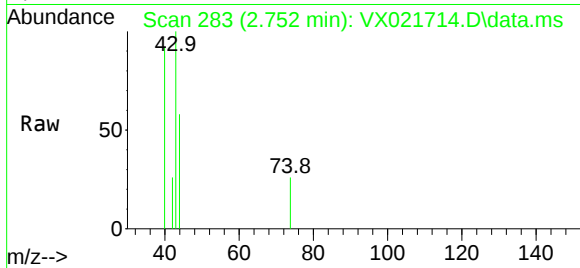




#18
Methyl Acetate
Concen: 0.77 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

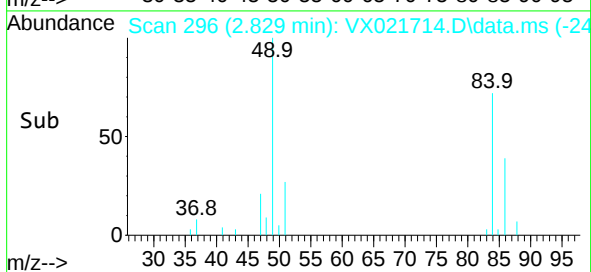
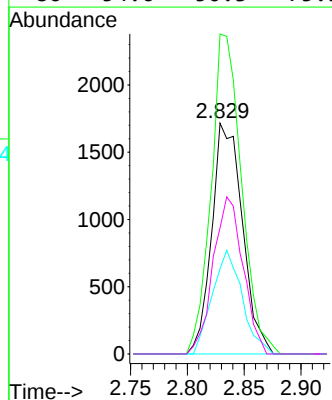
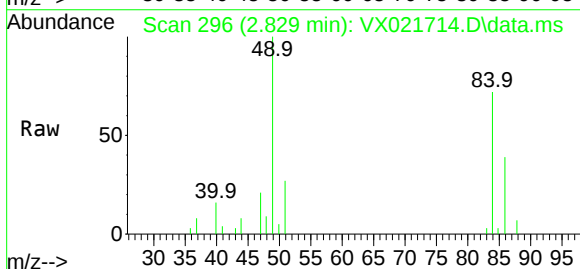
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

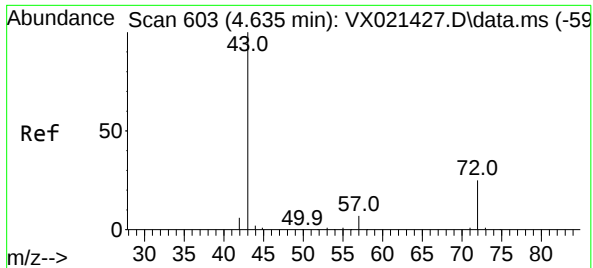
Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
74 17.5 21.9 32.9#



#20
Methylene Chloride
Concen: 4.59 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion: 84 Resp: 3214
Ion Ratio Lower Upper
84 100
49 138.7 88.6 132.8#
51 36.9 27.0 40.6
86 54.6 50.3 75.5

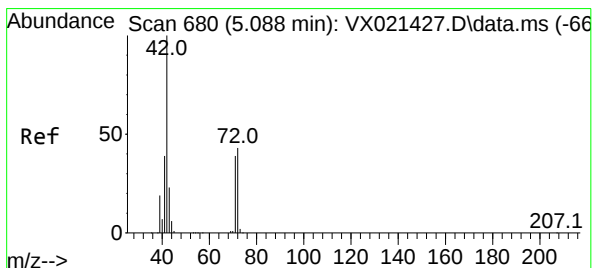
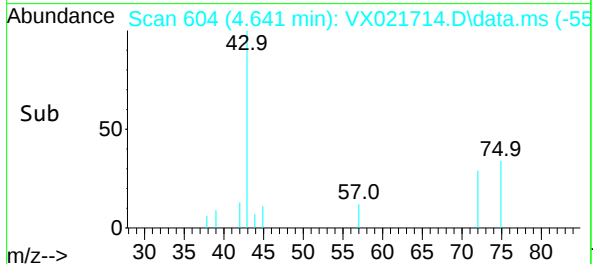
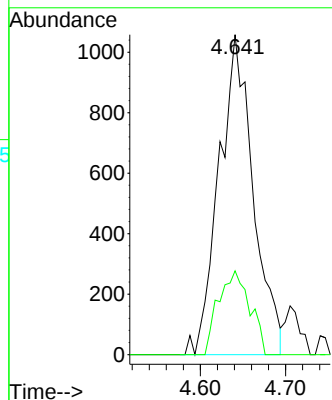
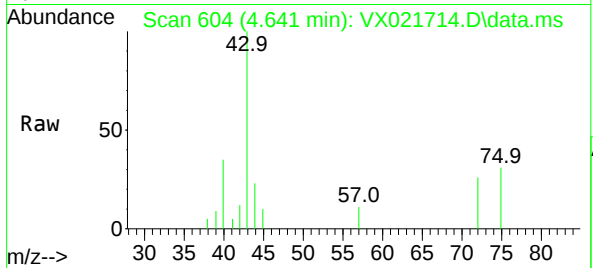




#25
2-Butanone
Concen: 5.43 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

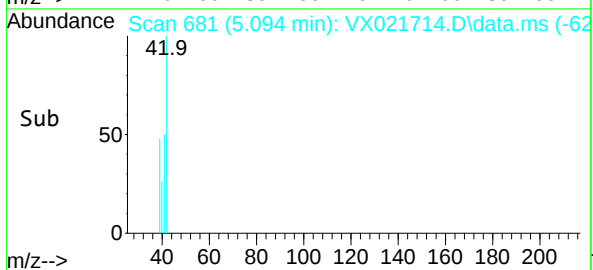
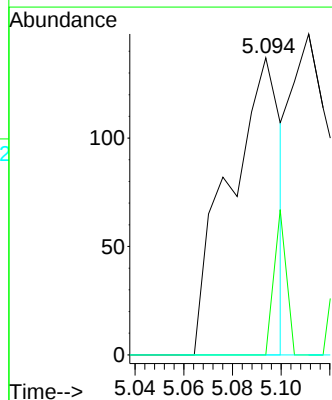
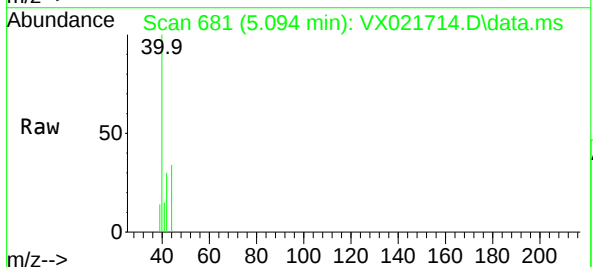
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

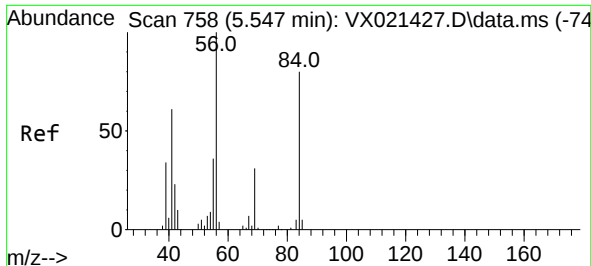
Tgt Ion: 43 Resp: 2951
Ion Ratio Lower Upper
43 100
72 26.2 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.58 ug/l
RT: 5.094 min Scan# 681
Delta R.T. 0.006 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

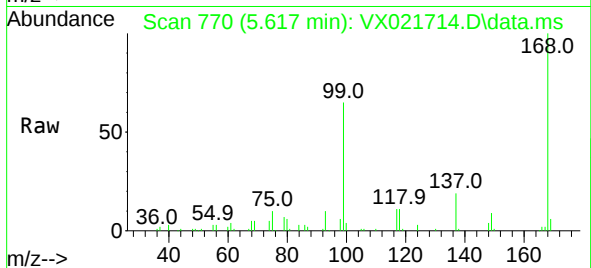
Tgt Ion: 42 Resp: 203
Ion Ratio Lower Upper
42 100
72 11.8 41.7 62.5#
71 0.0 38.4 57.6#



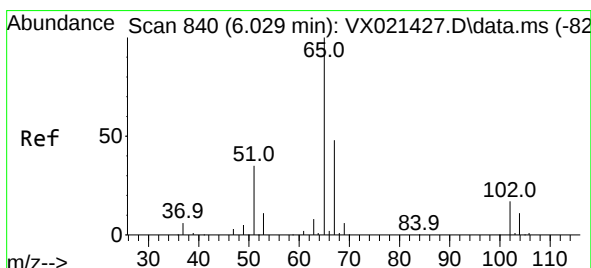
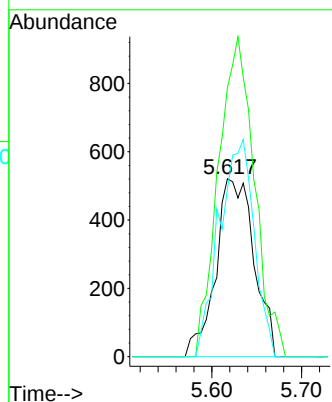
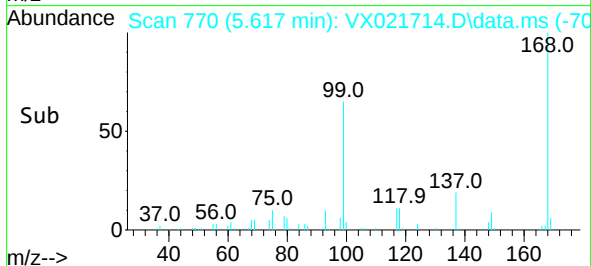


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

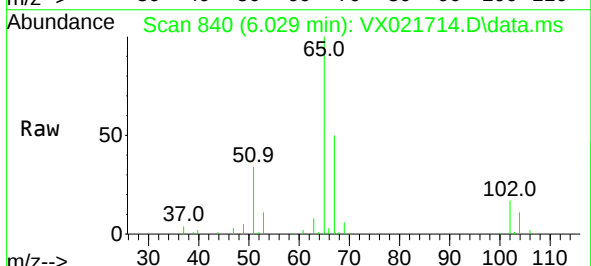
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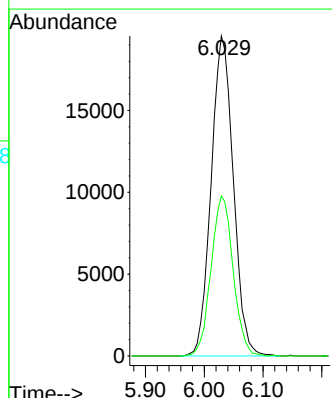
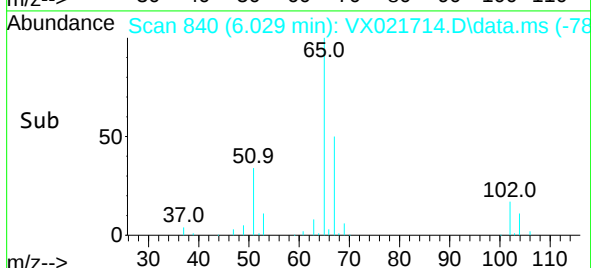
Tgt Ion: 56 Resp: 1545
Ion Ratio Lower Upper
56 100
69 151.1 25.3 37.9#
84 94.2 71.4 107.0

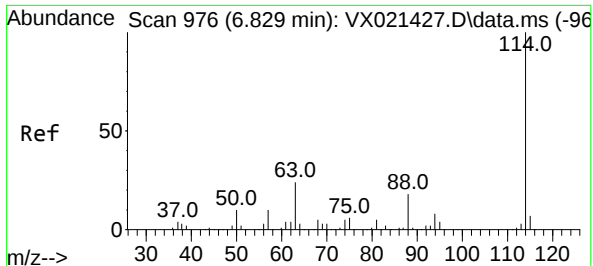


#33
1,2-Dichloroethane-d4
Concen: 54.02 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27



Tgt Ion: 65 Resp: 51253
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

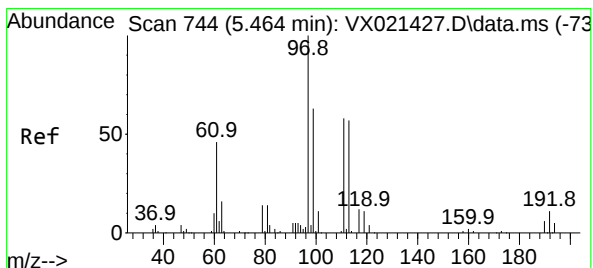
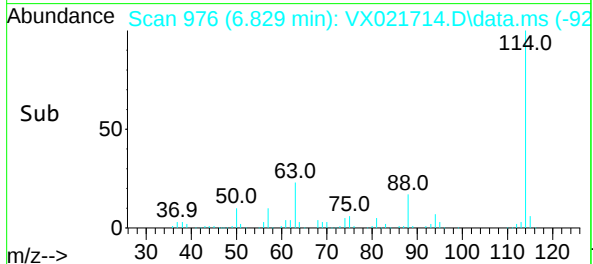
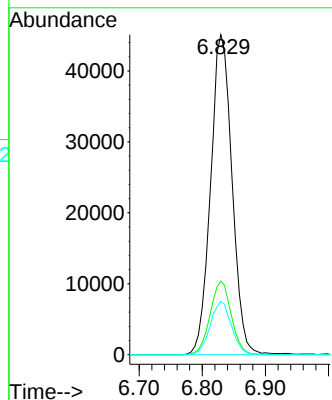
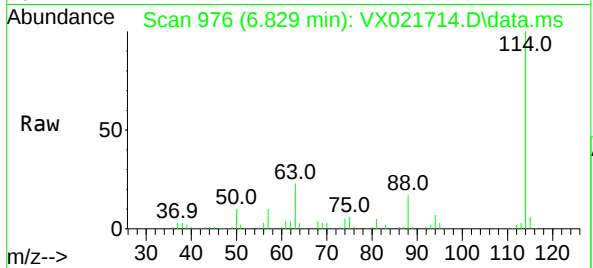




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

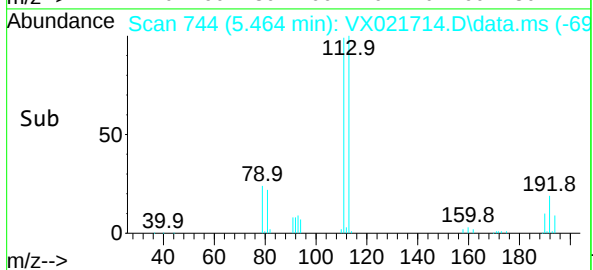
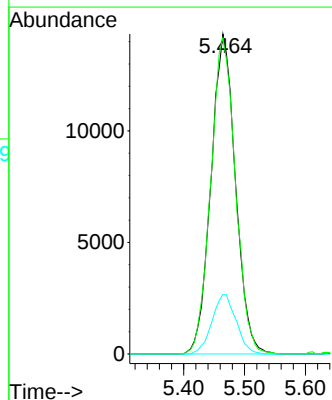
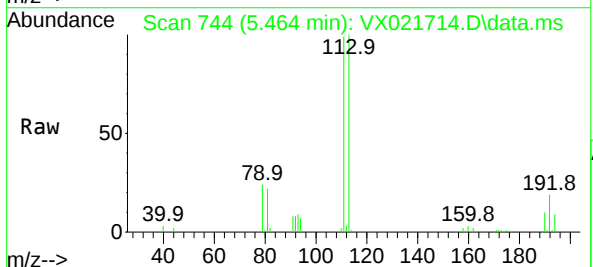
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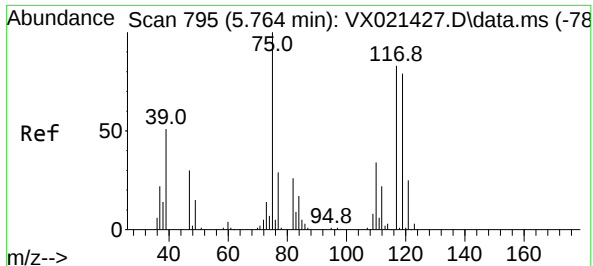
Tgt Ion:114 Resp: 106410
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.00 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion:113 Resp: 40064
Ion Ratio Lower Upper
113 100
111 99.8 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

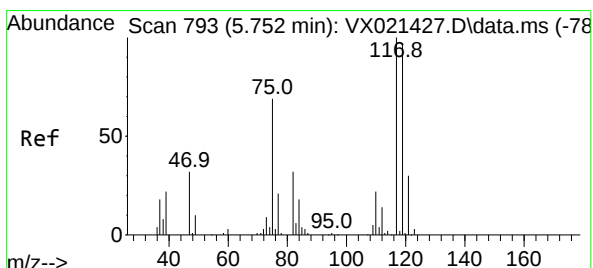
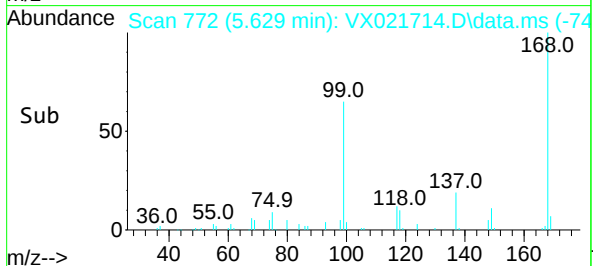
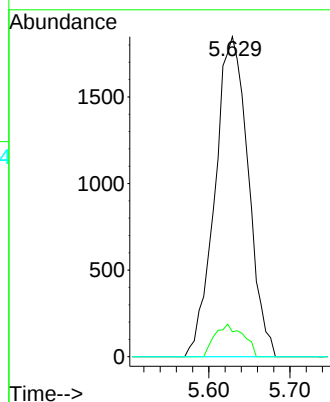
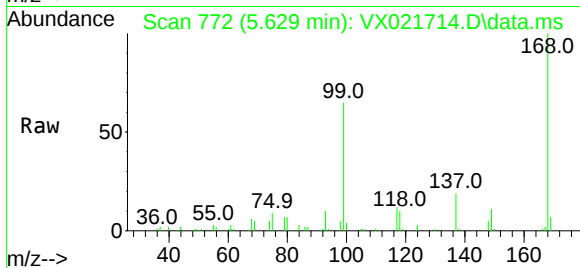
Delta R.T. -0.135 min

Lab File: VX021714.D

Acq: 01 Apr 2021 17:27

Tgt Ion:	75	Resp:	5258
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02



#38

Carbon Tetrachloride

Concen: 5.63 ug/l

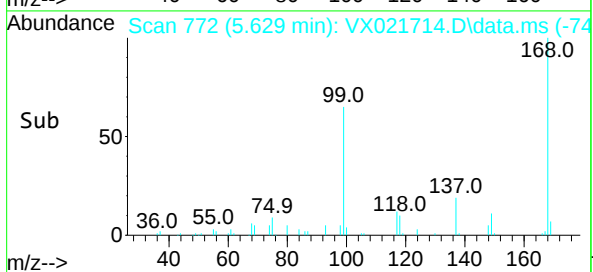
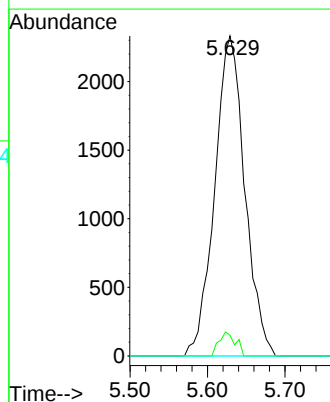
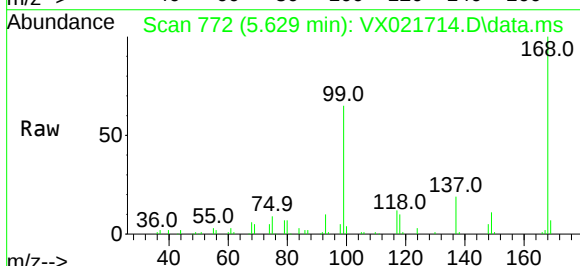
RT: 5.629 min Scan# 772

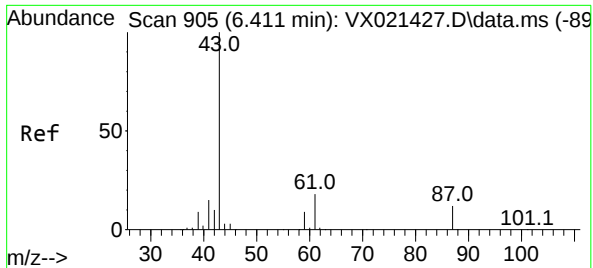
Delta R.T. -0.123 min

Lab File: VX021714.D

Acq: 01 Apr 2021 17:27

Tgt Ion:	117	Resp:	6303
Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.2	114.2#
121	0.0	24.8	37.2#

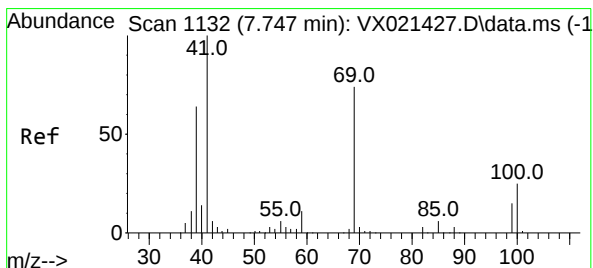
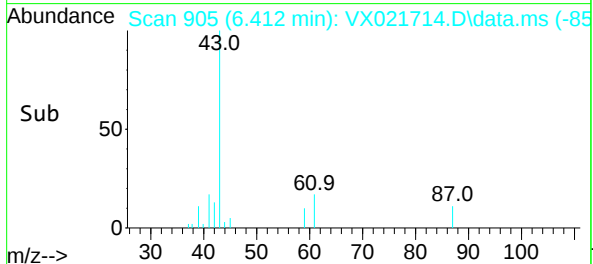
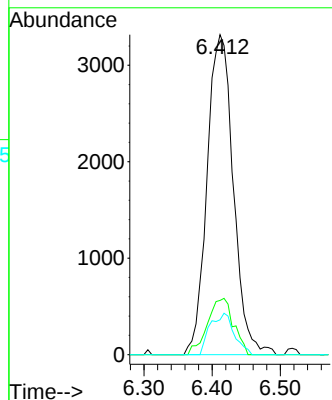
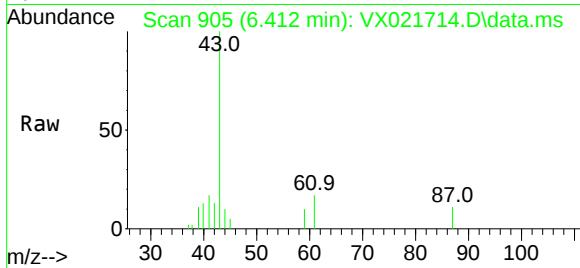




#43
Isopropyl Acetate
Concen: 4.55 ug/l
RT: 6.412 min Scan# 905
Delta R.T. 0.001 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

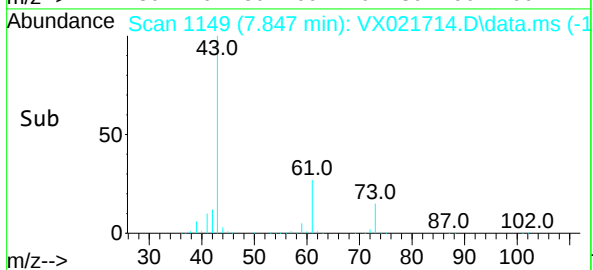
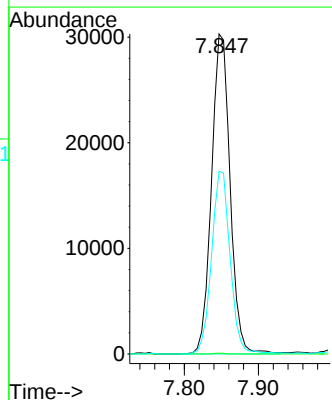
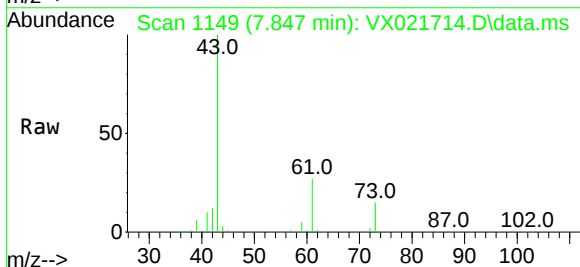
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

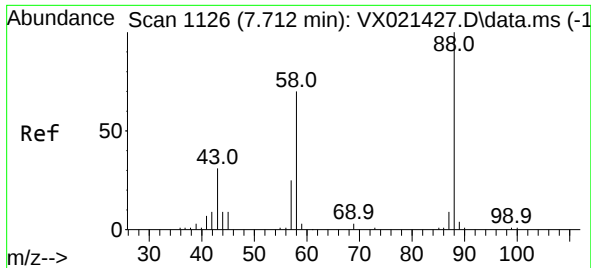
Tgt Ion: 43 Resp: 8900
Ion Ratio Lower Upper
43 100
61 17.5 18.2 27.4#
87 11.8 12.5 18.7#



#48
Methyl methacrylate
Concen: 50.50 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.100 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion: 41 Resp: 52739
Ion Ratio Lower Upper
41 100
69 0.1 76.0 114.0#
39 57.3 44.6 67.0

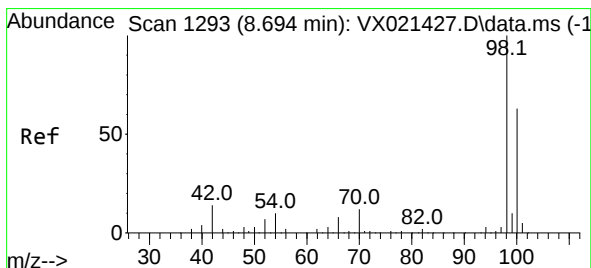
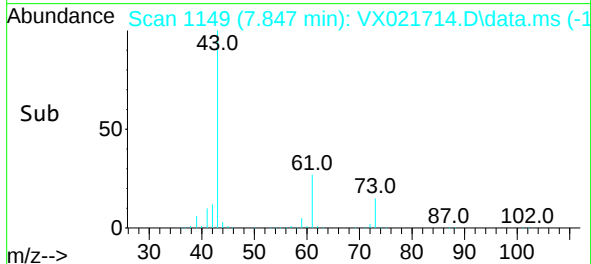
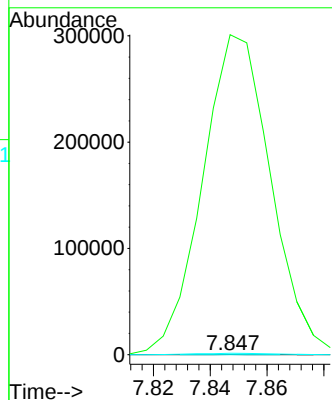
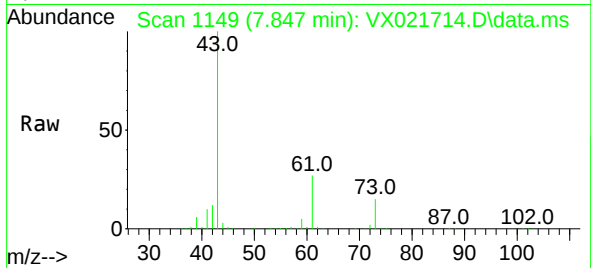




#49
1,4-Dioxane
Concen: 4.28 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

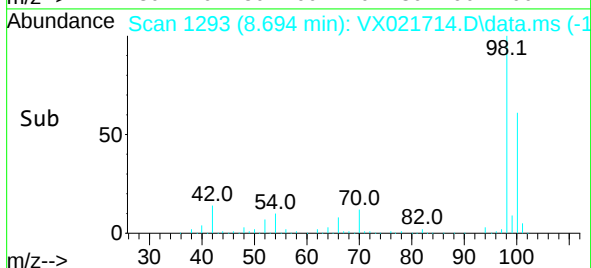
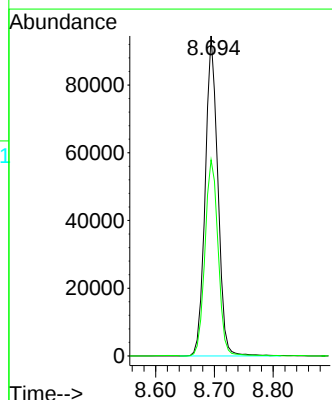
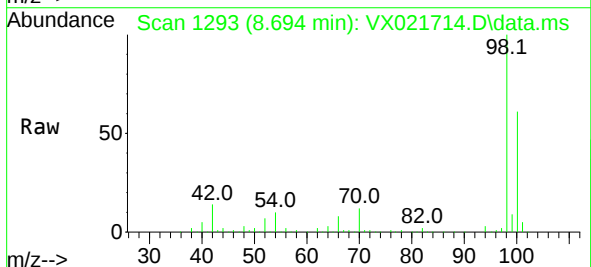
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

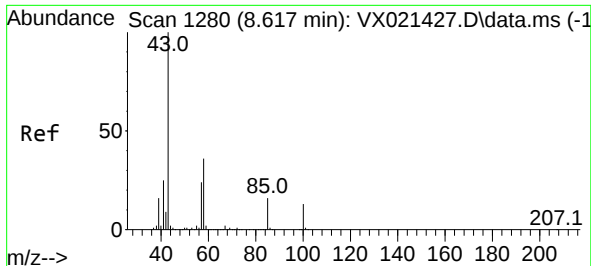
Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 636111.3 23.2 34.8#
58 3045.0 55.0 82.4#



#50
Toluene-d8
Concen: 52.36 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion: 98 Resp: 141043
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

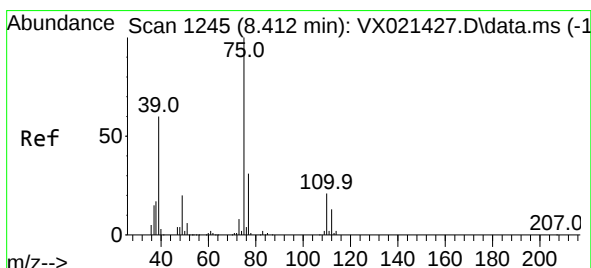
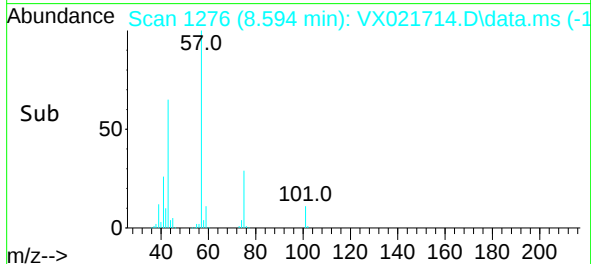
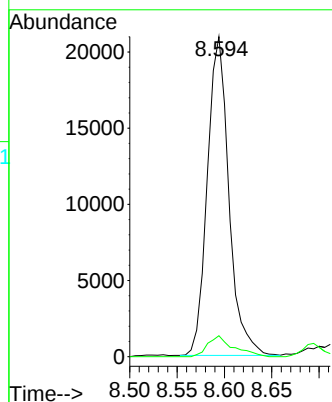
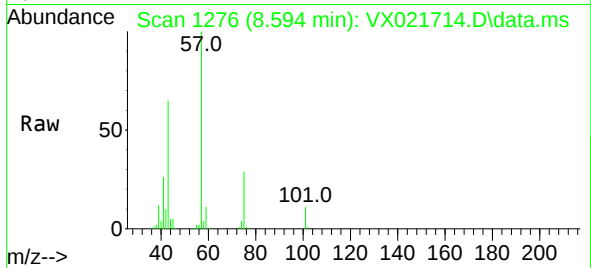




#51
4-Methyl-2-Pentanone
Concen: 27.56 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.023 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

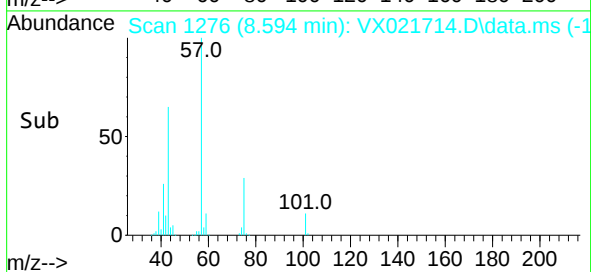
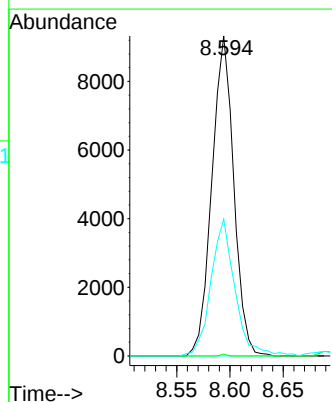
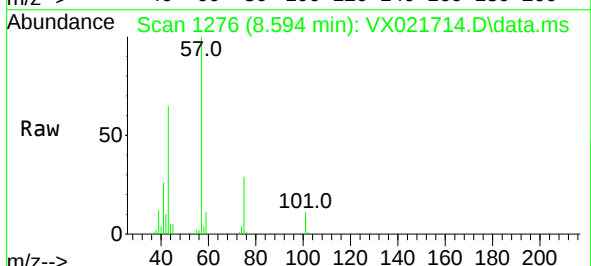
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

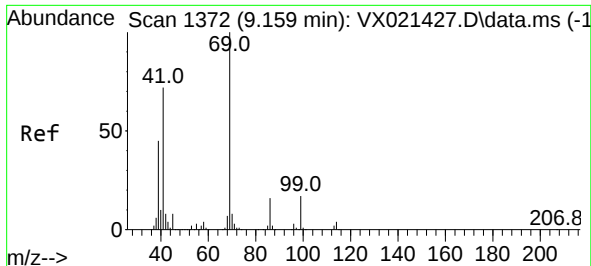
Tgt Ion: 43 Resp: 33187
Ion Ratio Lower Upper
43 100
58 7.8 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.40 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion: 75 Resp: 13296
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 42.7 35.1 52.7

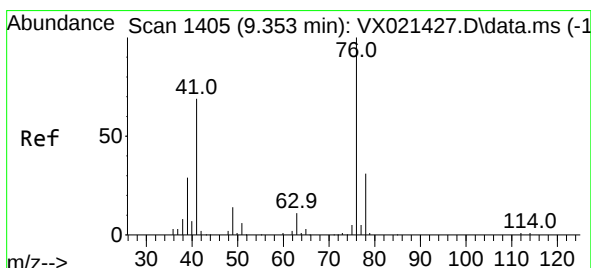
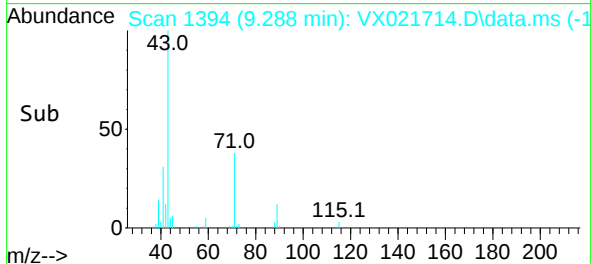
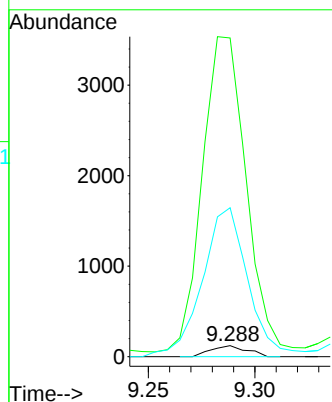
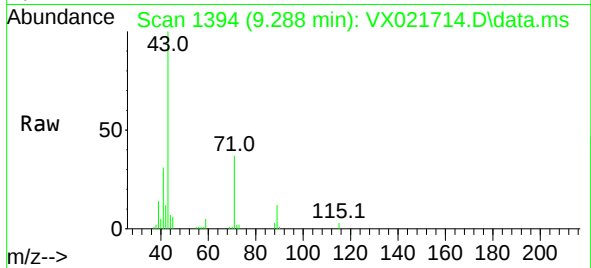




#56
Ethyl methacrylate
Concen: 2.19 ug/l
RT: 9.288 min Scan# 1394
Delta R.T. 0.129 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

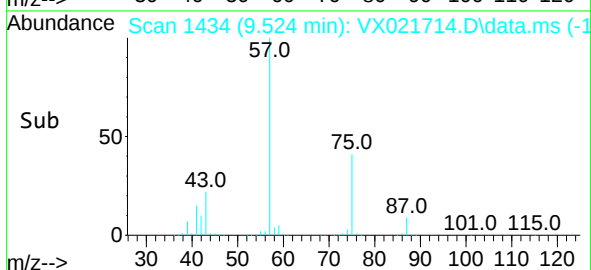
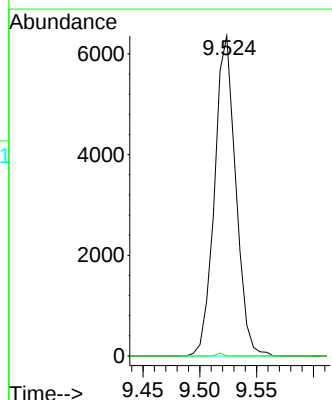
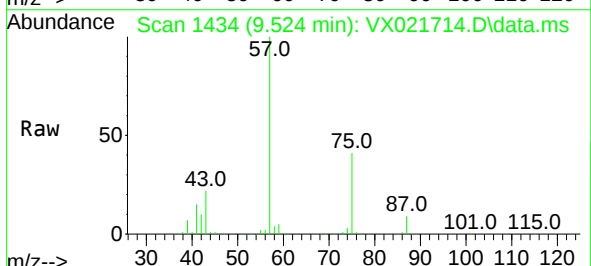
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

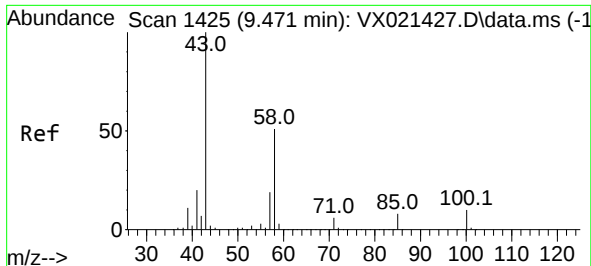
Tgt Ion: 69 Resp: 144
Ion Ratio Lower Upper
69 100
41 3445.8 46.8 70.2#
39 1705.6 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.26 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.171 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion: 76 Resp: 8270
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

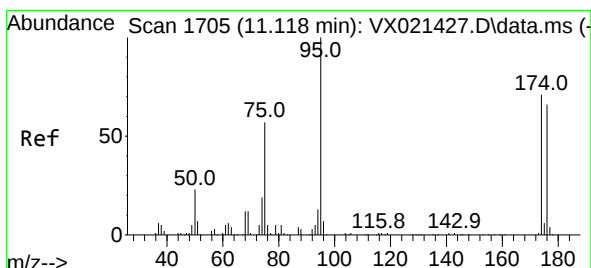
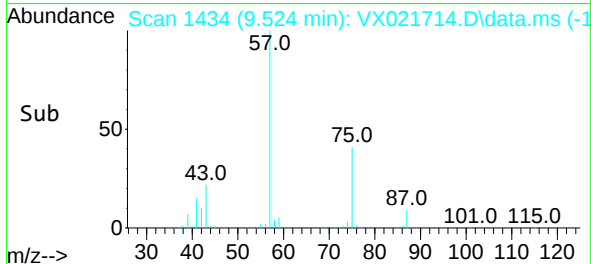
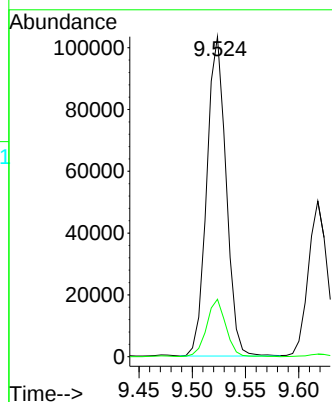
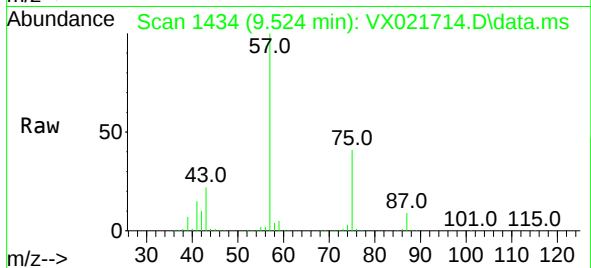




#59
2-Hexanone
Concen: 144.51 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.053 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

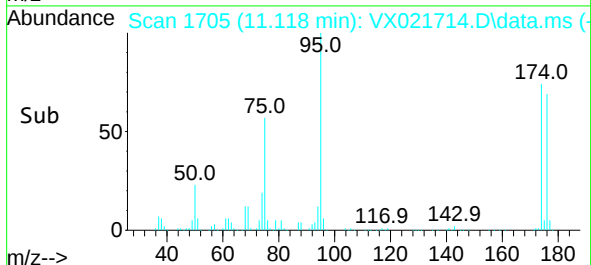
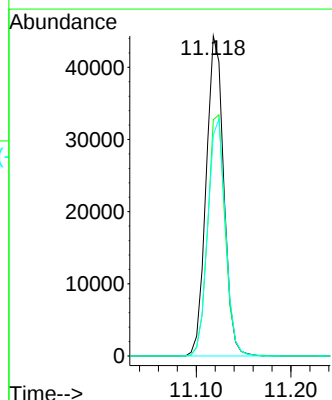
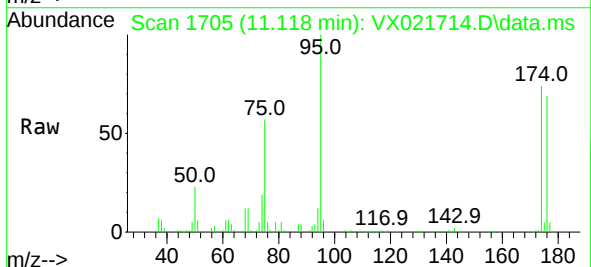
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

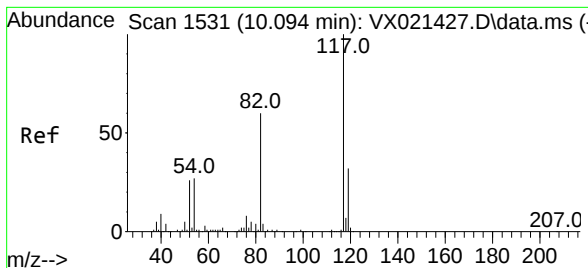
Tgt Ion: 43 Resp: 130654
Ion Ratio Lower Upper
43 100
58 17.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 54.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion: 95 Resp: 57182
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.6
176 74.5 0.0 155.8

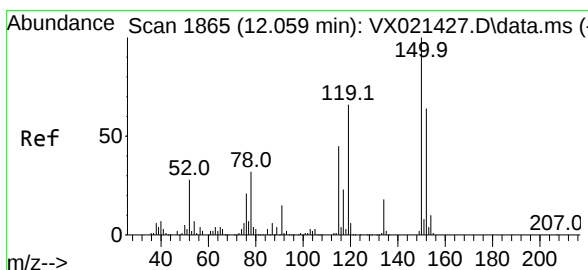
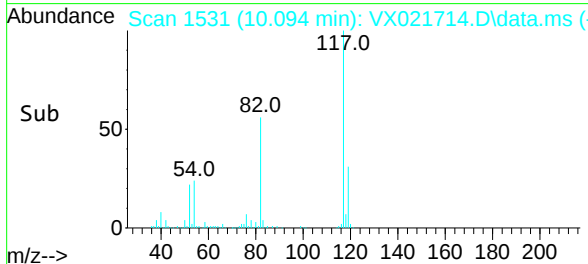
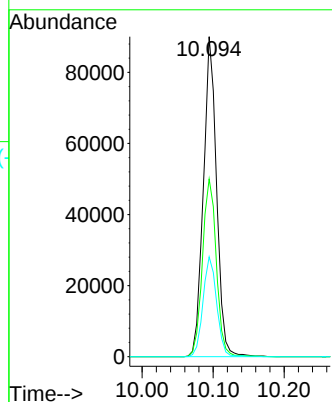
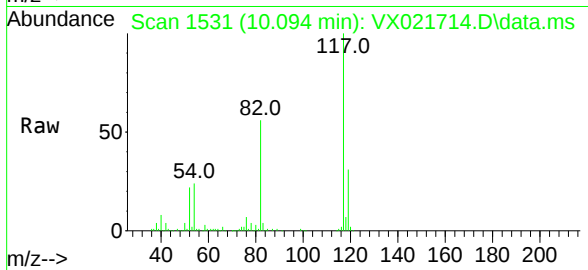




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

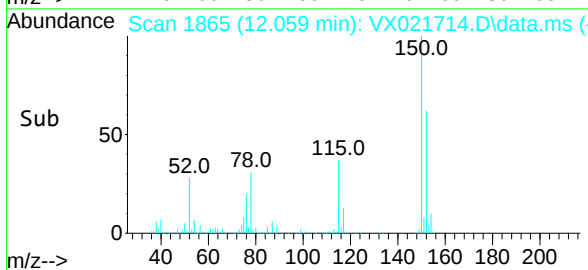
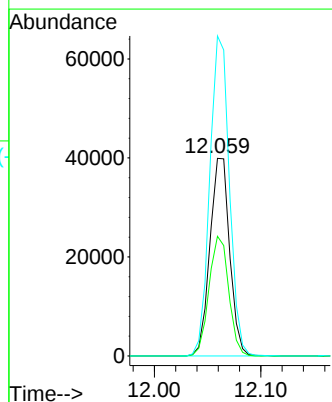
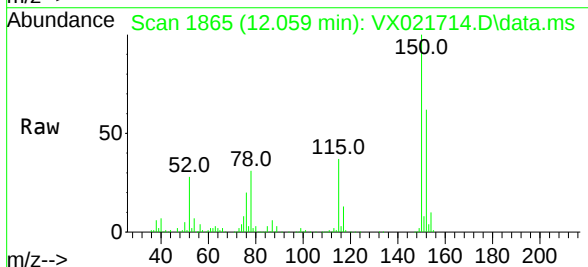
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

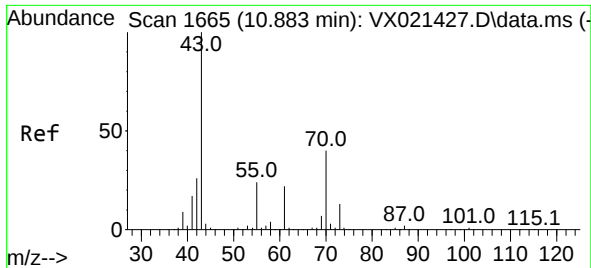
Tgt Ion:117 Resp: 116737
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

Tgt Ion:152 Resp: 51500
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 159.8 0.0 349.0

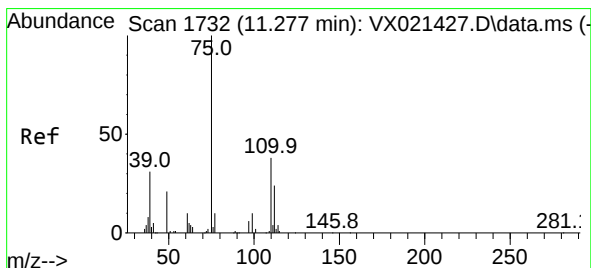
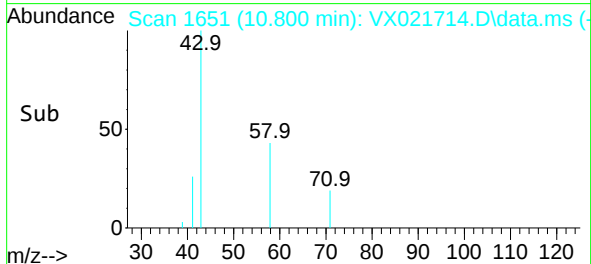
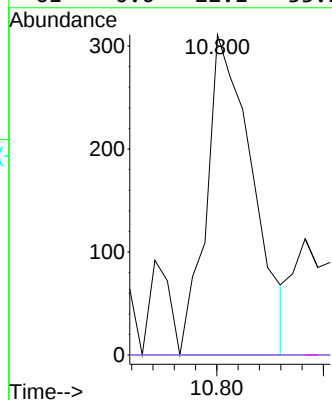
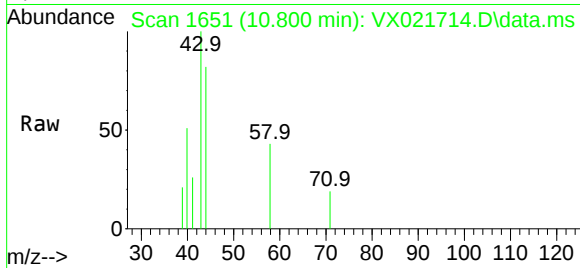




#74
N-amy1 acetate
Concen: 0.27 ug/l
RT: 10.800 min Scan# 1651
Delta R.T. -0.083 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

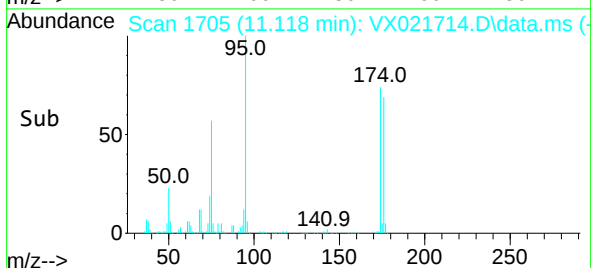
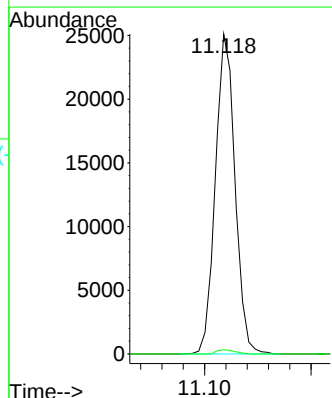
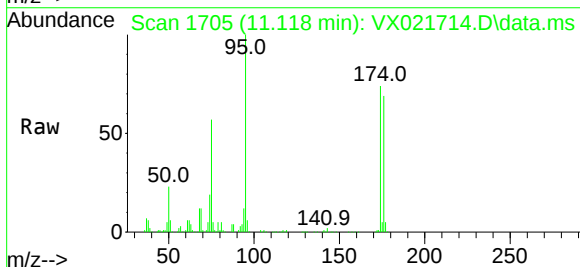
Instrument :
MSVOA_X
ClientSampleId :
PB135474ZHE#02

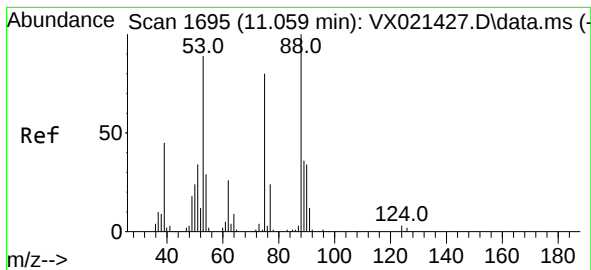
Tgt Ion: 43	Resp: 466
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.77 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021714.D
Acq: 01 Apr 2021 17:27

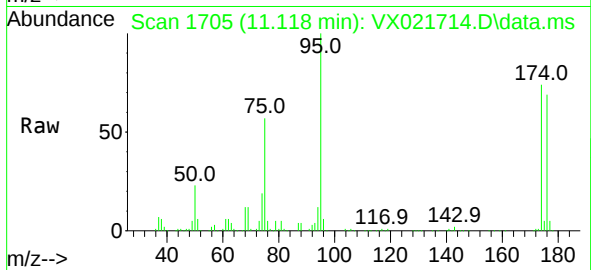
Tgt Ion: 75	Resp: 32095
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.54 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021714.D
 Acq: 01 Apr 2021 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135474ZHE#02



Tgt Ion: 75 Resp: 32095
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

