

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021083.D
 Acq On : 09 Mar 2021 00:21
 Operator : JC/MD
 Sample : PB135028ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028ZHE#01

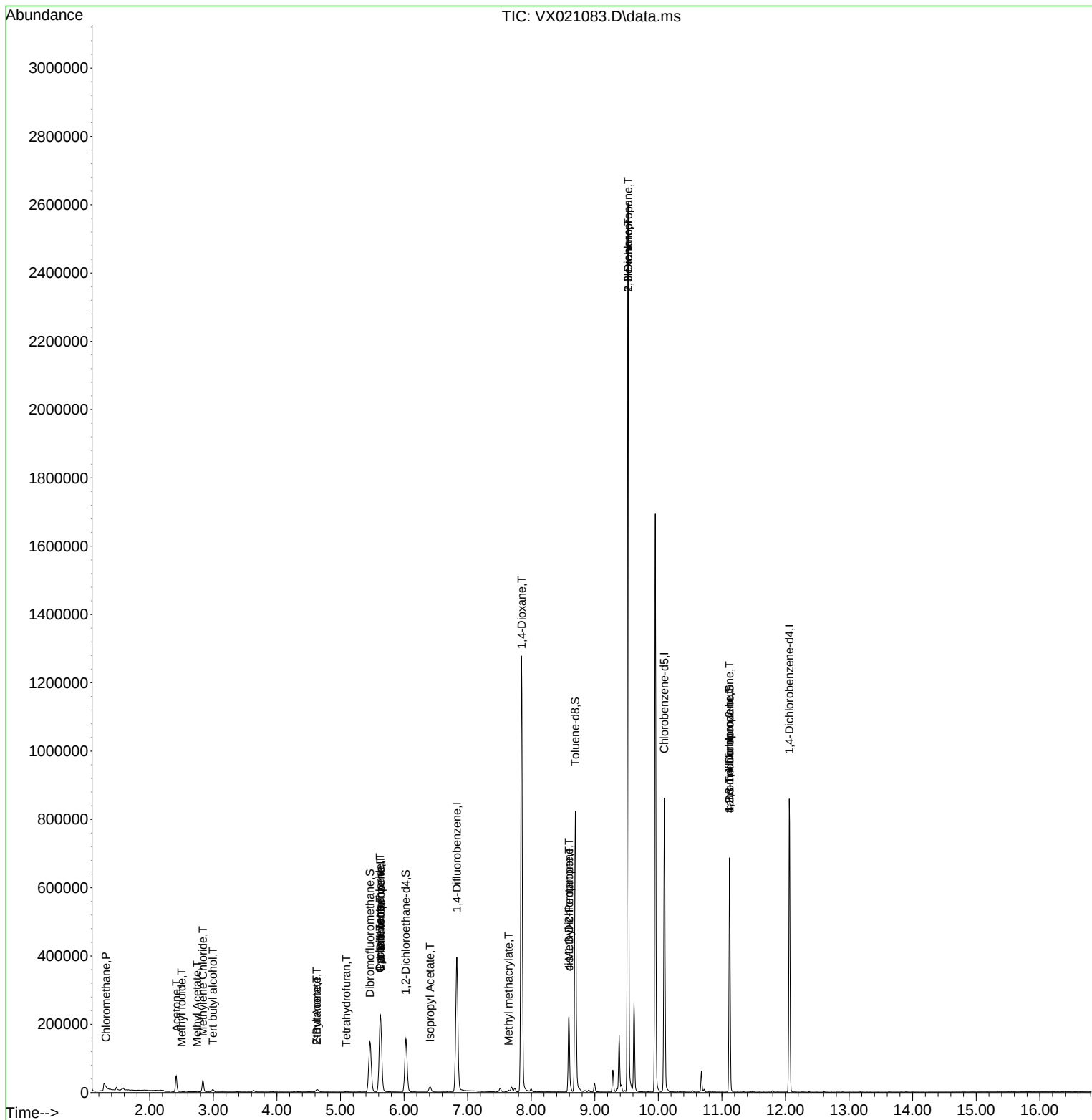
Quant Time: Mar 09 04:23:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

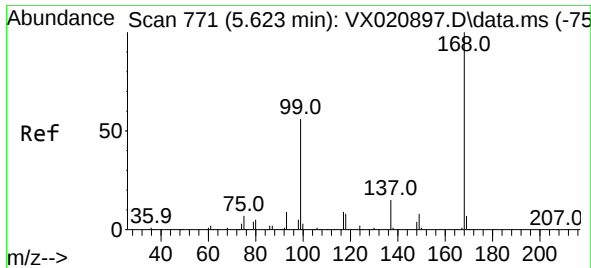
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	223014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	410169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	407378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	180294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	146530	48.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.28%		
35) Dibromofluoromethane	5.464	113	129261	51.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.74%		
50) Toluene-d8	8.694	98	514825	52.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.96%		
62) 4-Bromofluorobenzene	11.118	95	193093	53.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.48%		
Target Compounds						Qvalue
3) Chloromethane	1.311	50	1236	0.46	ug/l #	87
5) Bromomethane	1.640	94	524	Below Cal		94
10) Methyl Iodide	2.499	142	732	0.23	ug/l #	93
11) Tert butyl alcohol	2.993	59	4715	7.03	ug/l #	83
16) Acetone	2.417	43	47119	37.96	ug/l	99
18) Methyl Acetate	2.746	43	1284	0.44	ug/l	98
20) Methylene Chloride	2.835	84	16233	5.45	ug/l	97
25) 2-Butanone	4.629	43	10473	5.55	ug/l	99
29) Tetrahydrofuran	5.094	42	1464	1.21	ug/l #	77
31) Cyclohexane	5.623	56	4356	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16892	4.33	ug/l #	48
37) Ethyl Acetate	4.629	43	10473	2.82	ug/l #	64
38) Carbon Tetrachloride	5.623	117	20485	5.42	ug/l #	16
43) Isopropyl Acetate	6.411	43	20360	3.23	ug/l	99
48) Methyl methacrylate	7.647	41	5419	1.71	ug/l #	10
49) 1,4-Dioxane	7.853	88	191	2.59	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	74888	20.39	ug/l #	47
54) cis-1,3-Dichloropropene	8.594	75	40008	7.93	ug/l #	57
57) 1,3-Dichloropropane	9.524	76	23266	4.72	ug/l #	43
59) 2-Hexanone	9.524	43	280651	101.83	ug/l #	45
76) 1,2,3-Trichloropropane	11.118	75	93188	24.03	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	93188	53.19	ug/l #	12

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

Quant Time: Mar 09 04:23:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

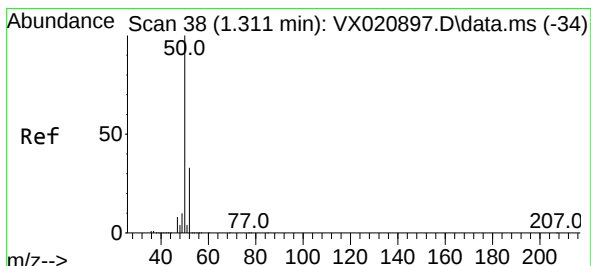
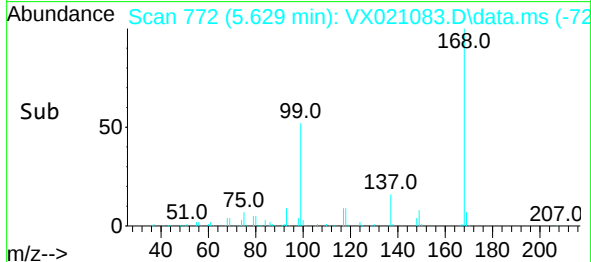
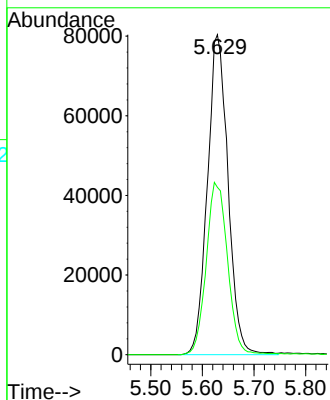
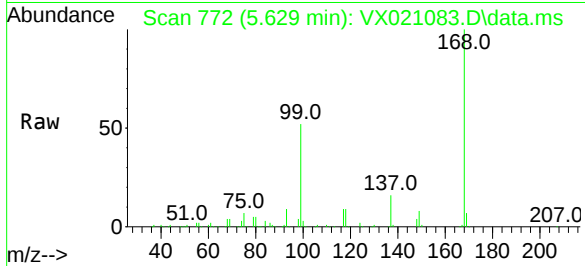




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

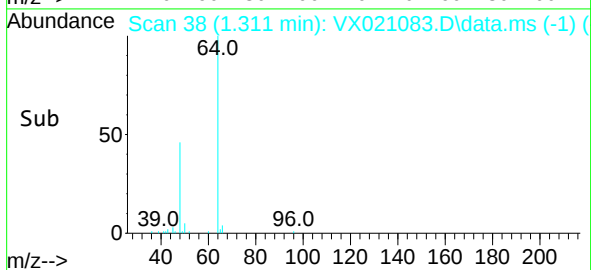
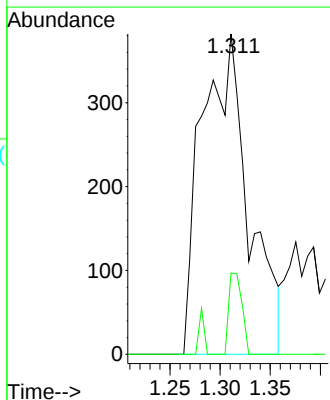
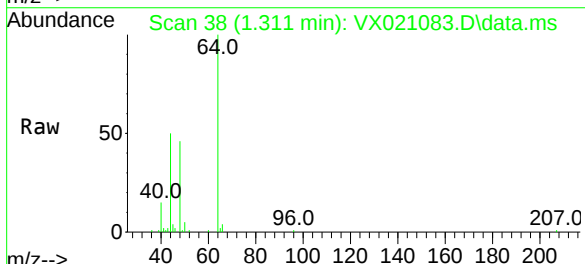
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

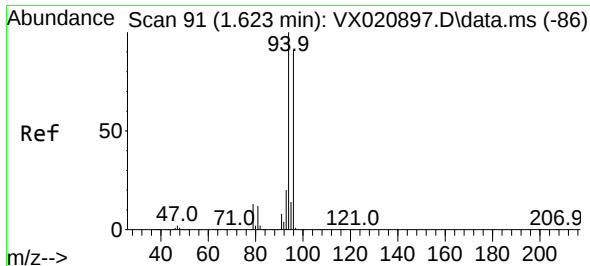
Tgt Ion:168 Resp: 223014
Ion Ratio Lower Upper
168 100
99 52.3 45.8 68.6



#3
Chloromethane
Concen: 0.46 ug/l
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

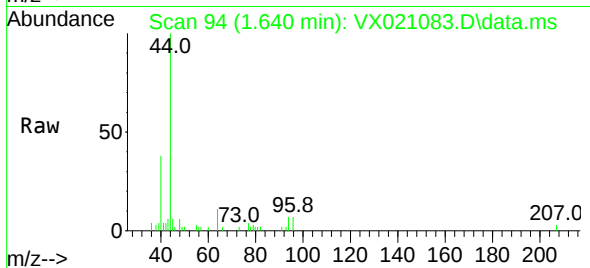
Tgt Ion: 50 Resp: 1236
Ion Ratio Lower Upper
50 100
52 25.4 26.4 39.6#



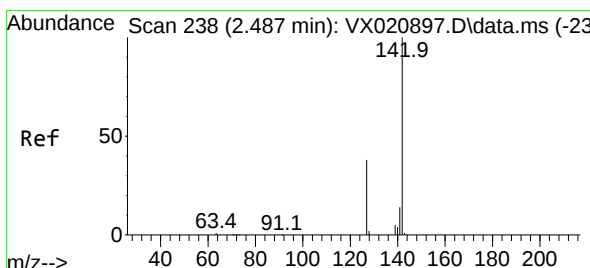
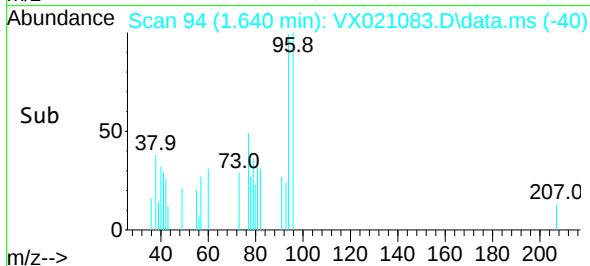
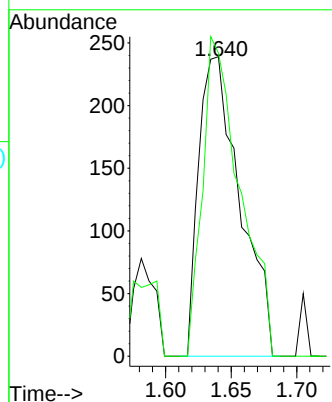


#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

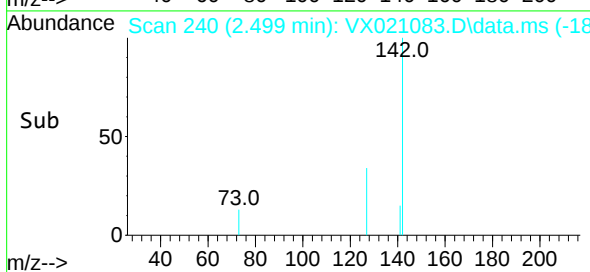
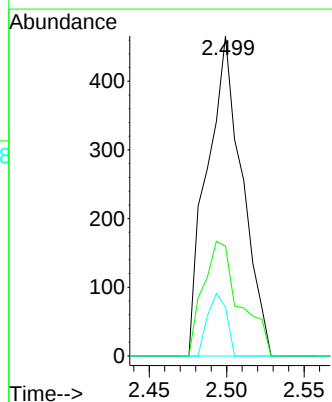
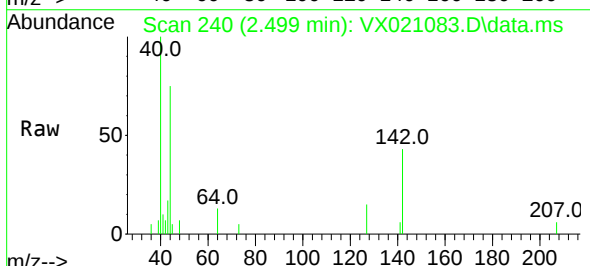


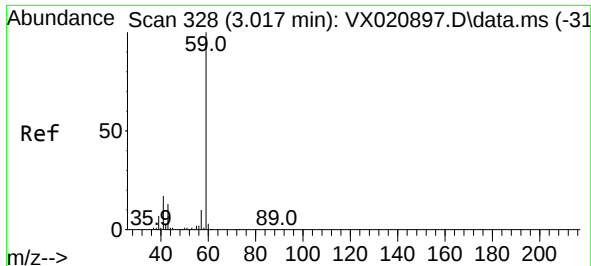
Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 101.3 76.4 114.6



#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion: 142 Resp: 732
Ion Ratio Lower Upper
142 100
127 37.6 33.3 49.9
141 10.7 11.4 17.0#

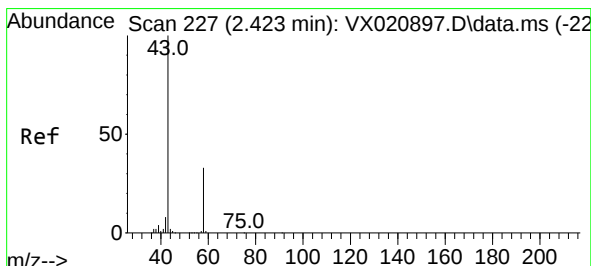
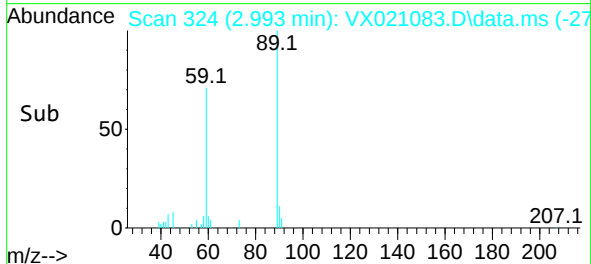
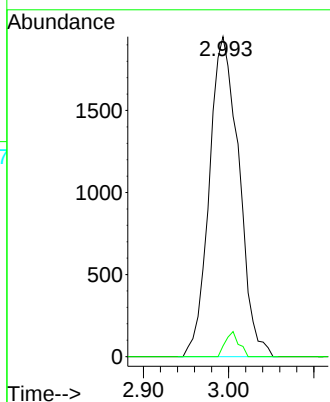
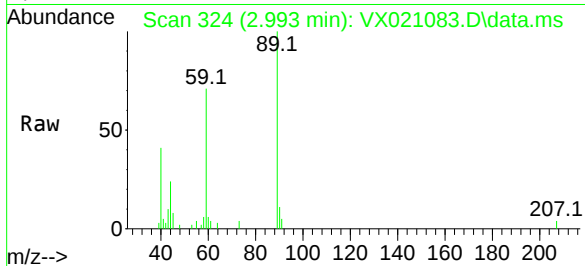




#11
Tert butyl alcohol
Concen: 7.03 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

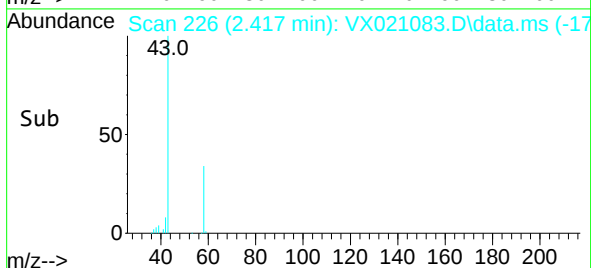
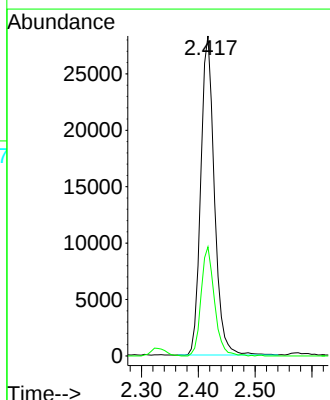
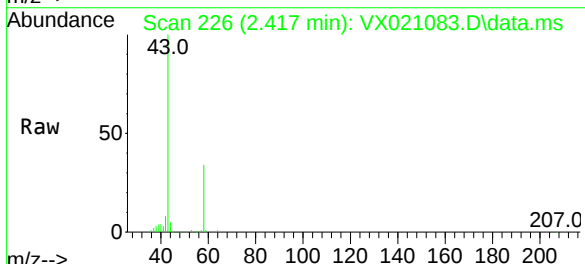
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

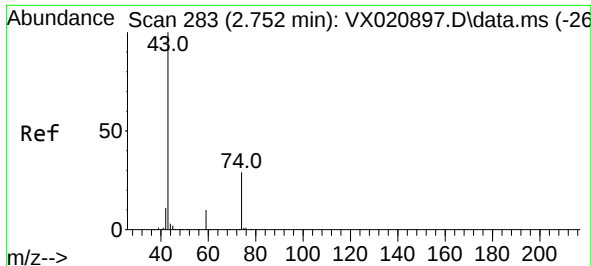
Tgt Ion: 59 Resp: 4715
Ion Ratio Lower Upper
59 100
57 3.5 7.8 11.8#



#16
Acetone
Concen: 37.96 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion: 43 Resp: 47119
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8

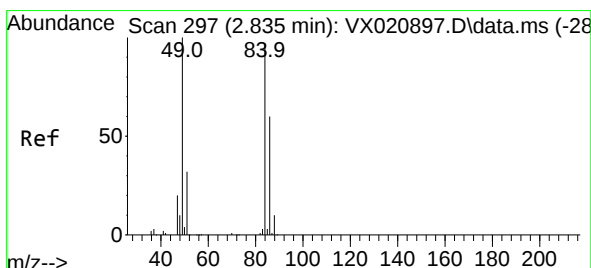
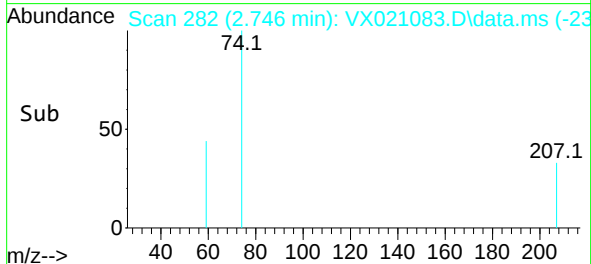
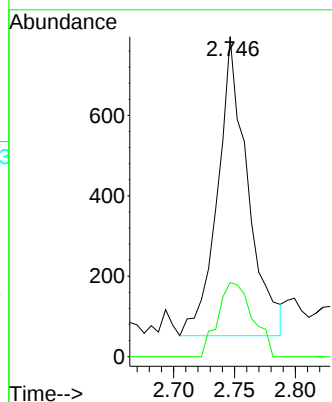
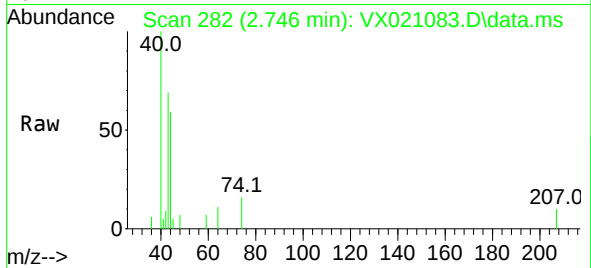




#18
Methyl Acetate
Concen: 0.44 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

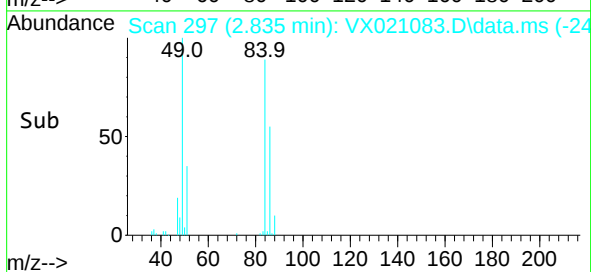
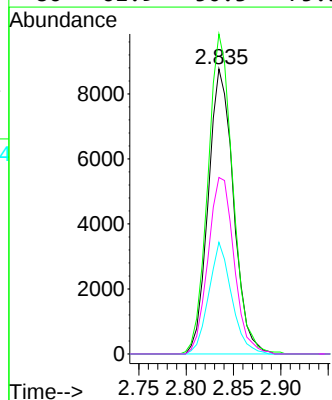
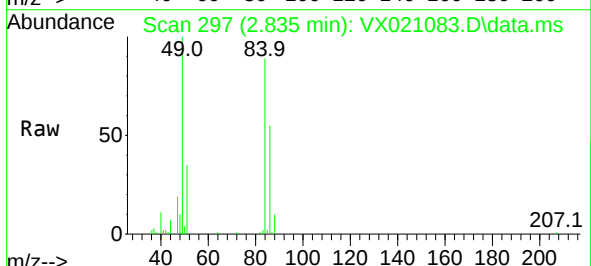
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

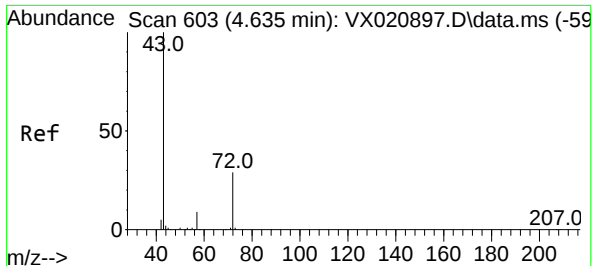
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
74 28.5 21.9 32.9



#20
Methylene Chloride
Concen: 5.45 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion: 84 Resp: 16233
Ion Ratio Lower Upper
84 100
49 112.2 88.6 132.8
51 39.2 27.0 40.6
86 61.9 50.3 75.5

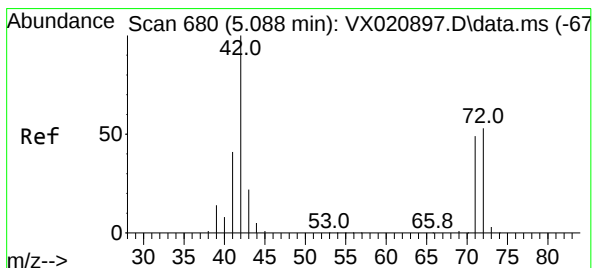
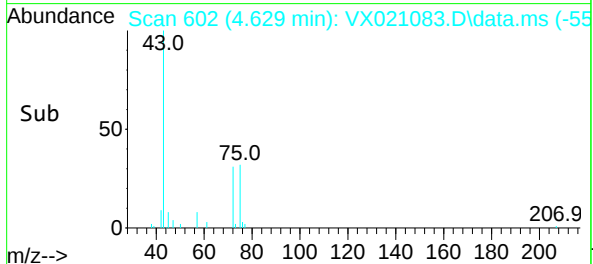
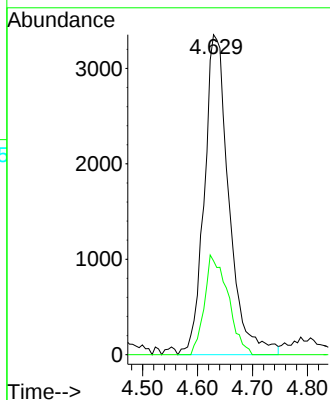
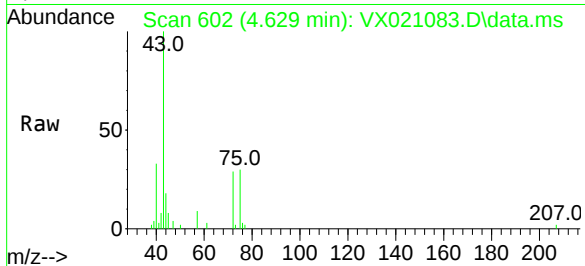




#25
2-Butanone
Concen: 5.55 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

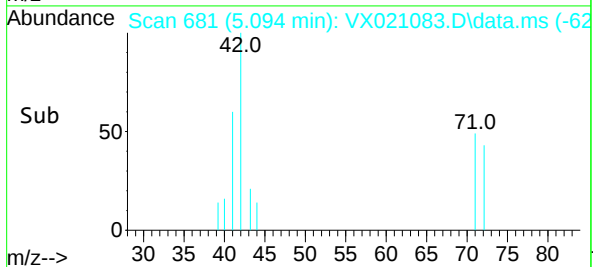
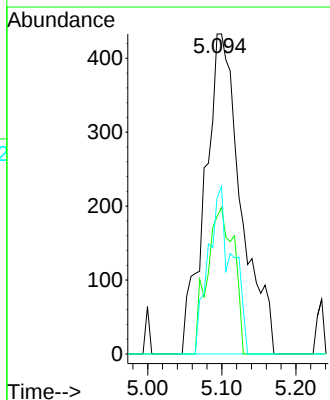
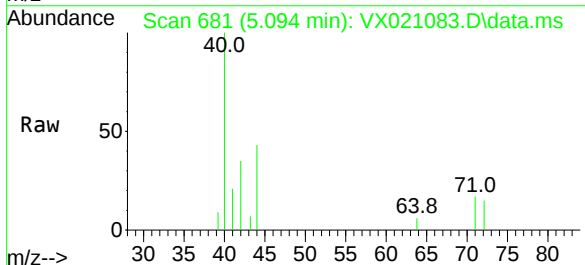
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ClientSampleId :
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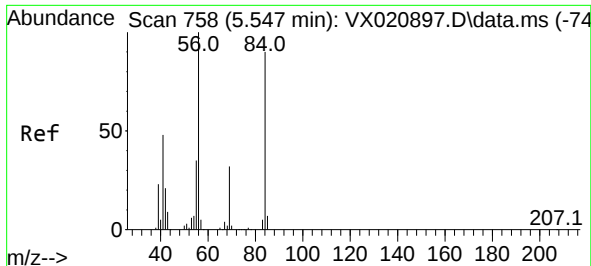
Tgt Ion: 43 Resp: 10473
Ion Ratio Lower Upper
43 100
72 29.3 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.21 ug/l
RT: 5.094 min Scan# 681
Delta R.T. 0.006 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

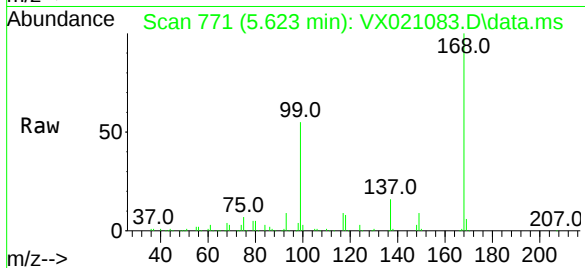
Tgt Ion: 42 Resp: 1464
Ion Ratio Lower Upper
42 100
72 33.8 41.7 62.5#
71 35.1 38.4 57.6#



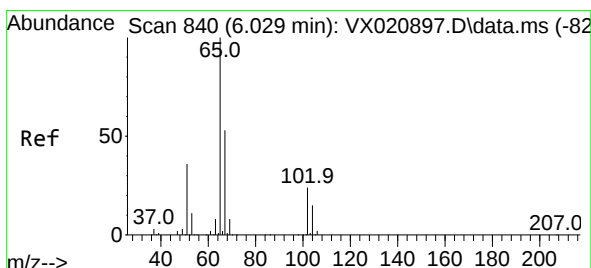
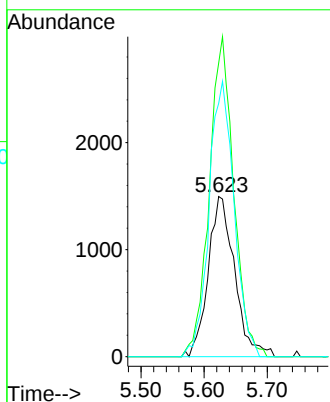
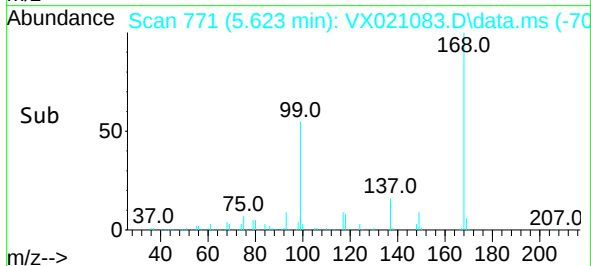


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.077 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

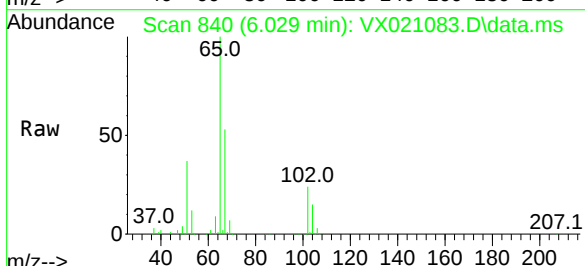
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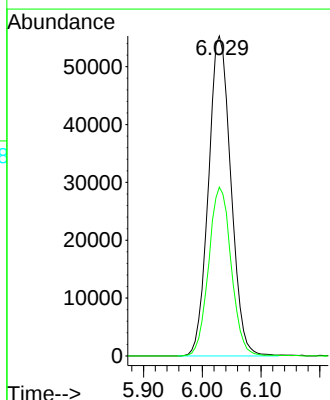
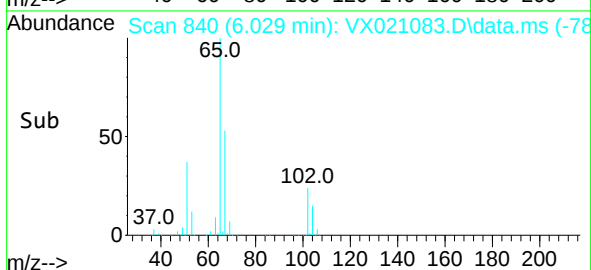
Tgt Ion: 56 Resp: 4356
Ion Ratio Lower Upper
56 100
69 183.4 25.3 37.9#
84 158.2 71.4 107.0#

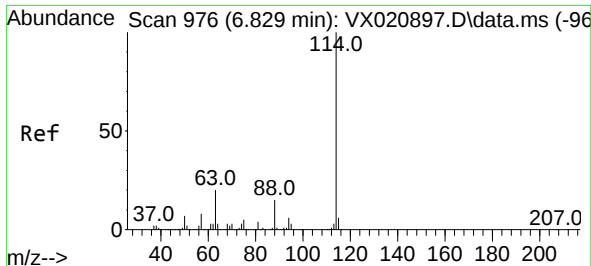


#33
1,2-Dichloroethane-d4
Concen: 48.64 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21



Tgt Ion: 65 Resp: 146530
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

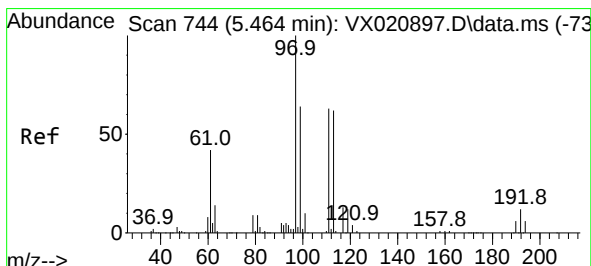
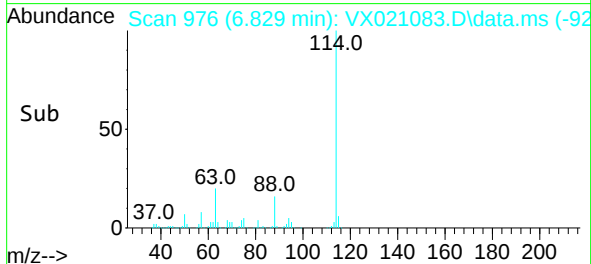
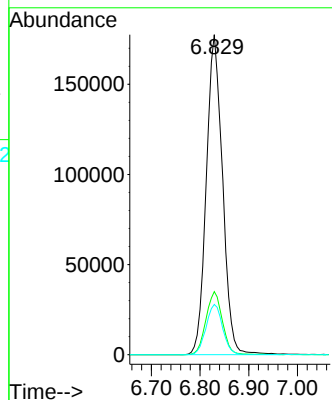
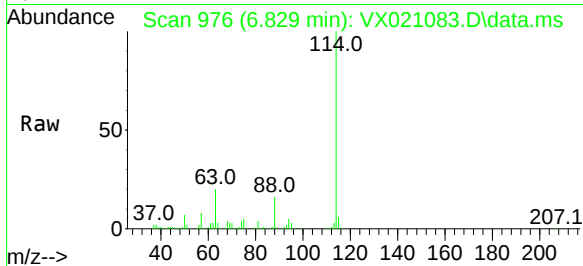




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

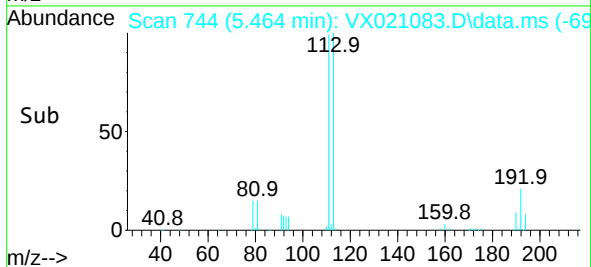
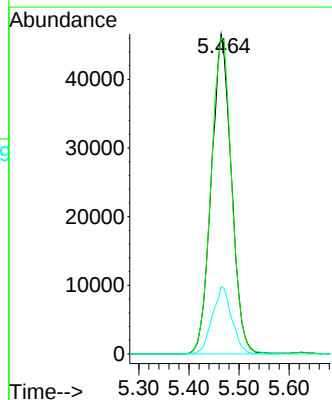
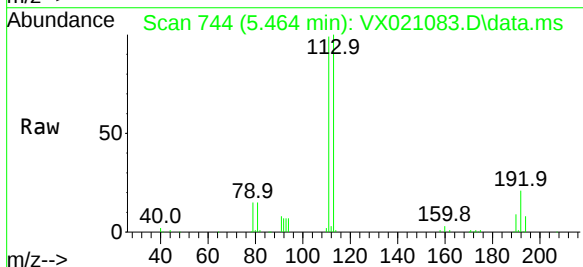
Instrument :
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ClientSampleId :
PB135028ZHE#01

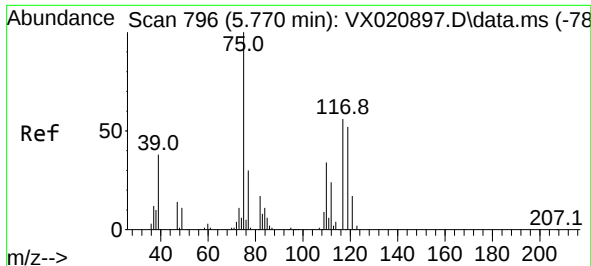
Tgt Ion:	114	Resp:	410169
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.7	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.87 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion:	113	Resp:	129261
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	20.4	16.7	25.1

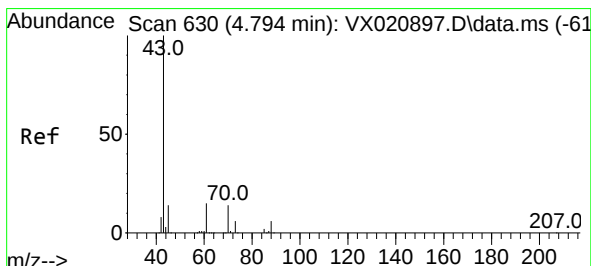
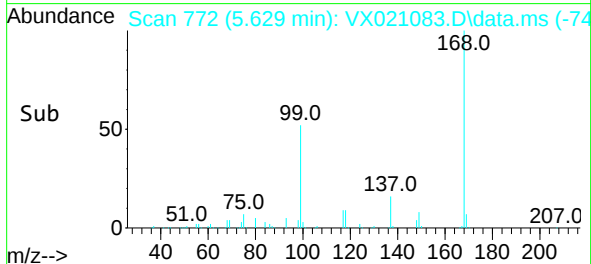
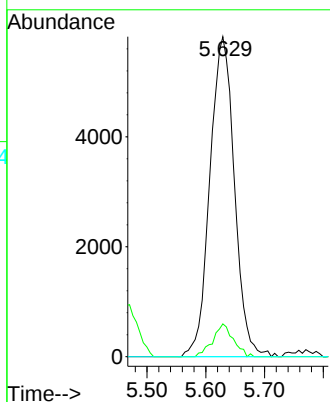
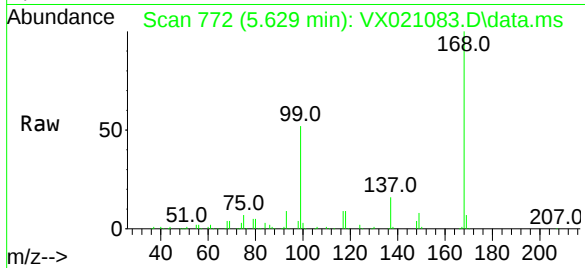




#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

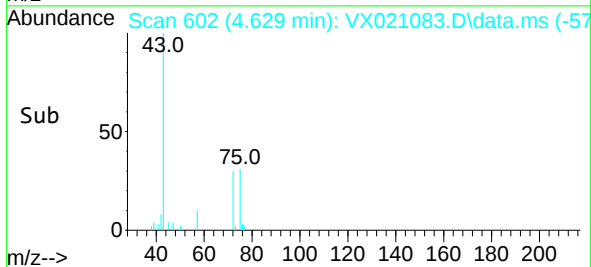
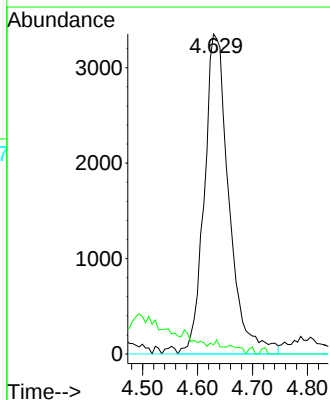
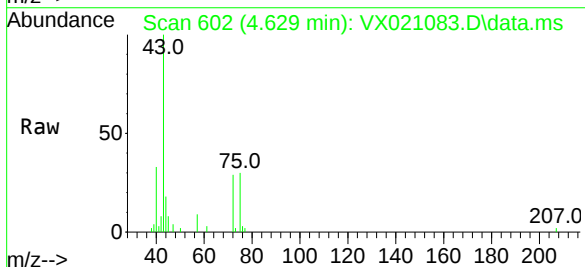
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

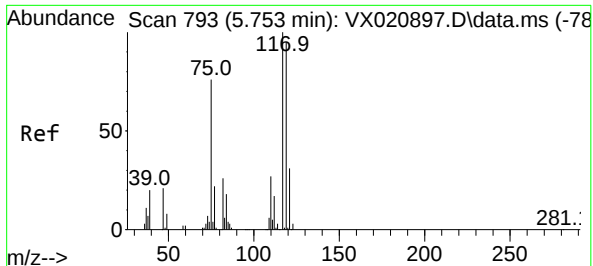
Tgt Ion: 75 Resp: 16892
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.82 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.165 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion: 43 Resp: 10473
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#

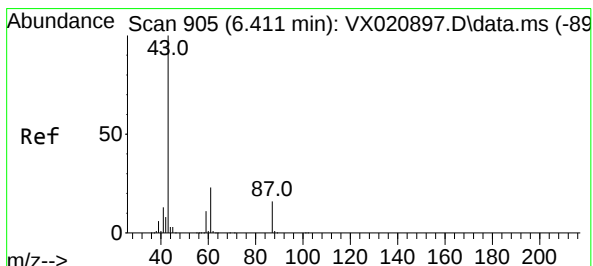
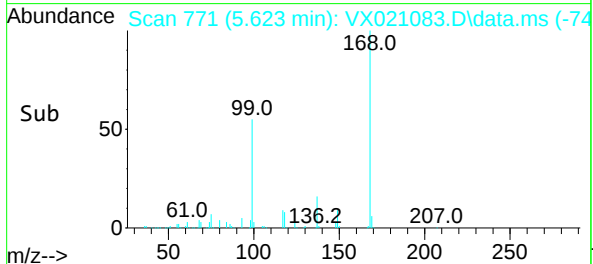
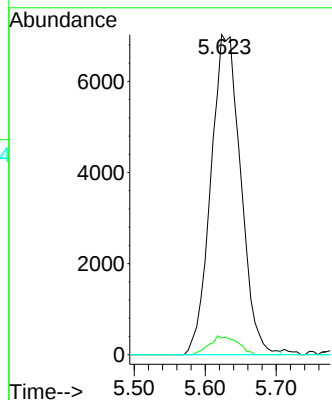
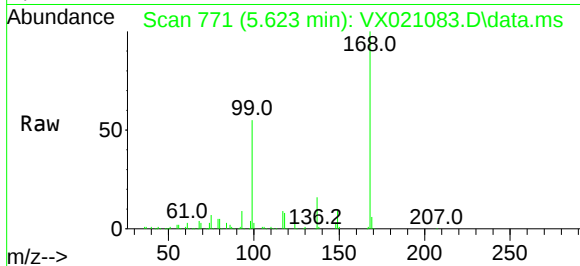




#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

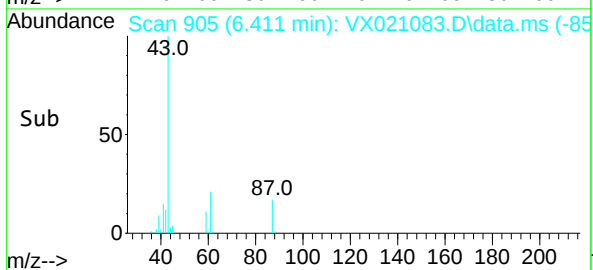
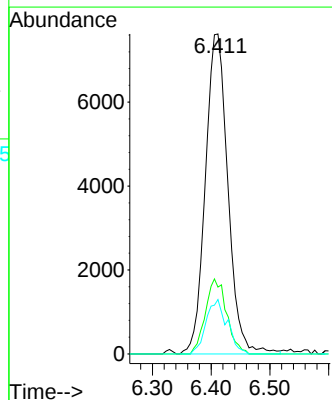
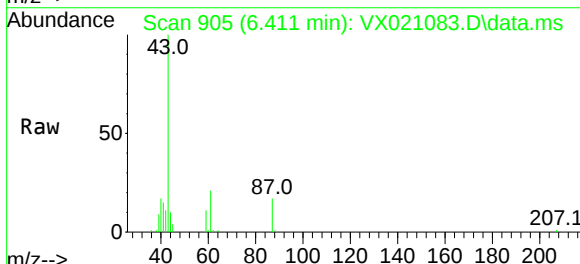
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

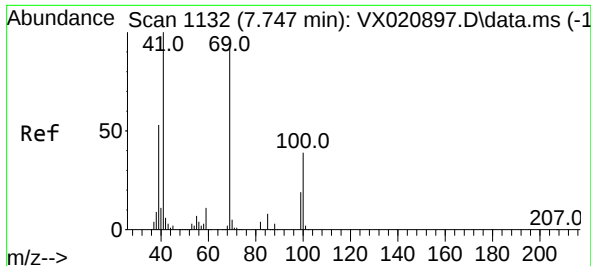
Tgt Ion:117 Resp: 20485
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 3.23 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion: 43 Resp: 20360
Ion Ratio Lower Upper
43 100
61 22.0 18.2 27.4
87 16.0 12.5 18.7





#48

Methyl methacrylate

Concen: 1.71 ug/l

RT: 7.647 min Scan# 1115

Delta R.T. -0.100 min

Lab File: VX021083.D

Acq: 09 Mar 2021 00:21

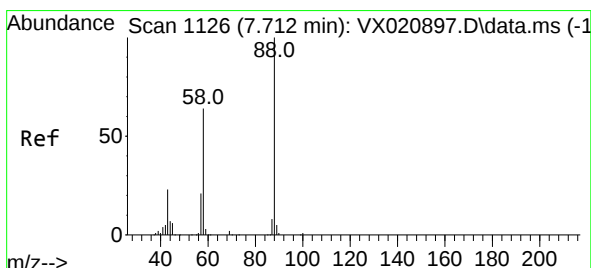
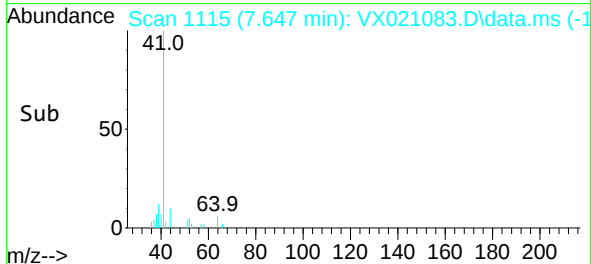
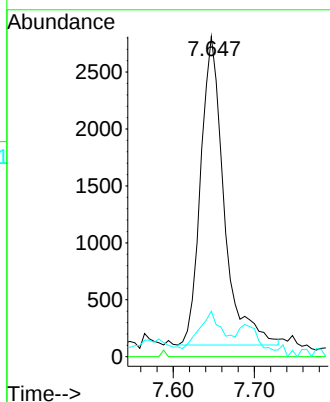
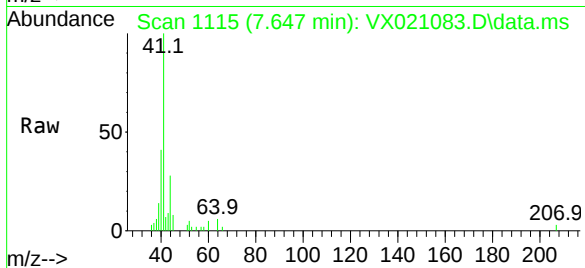
Instrument :

MSVOA_X

ClientSampleId :

PB135028ZHE#01

Tgt Ion:	41	Resp:	5419
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: 2.59 ug/l

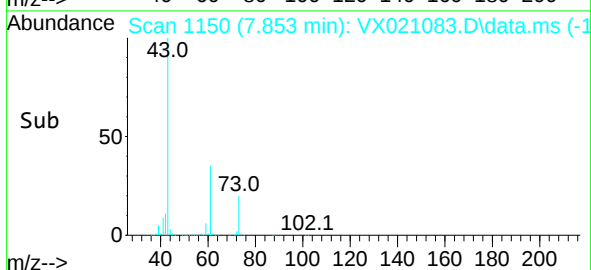
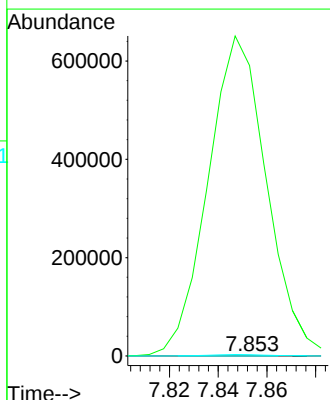
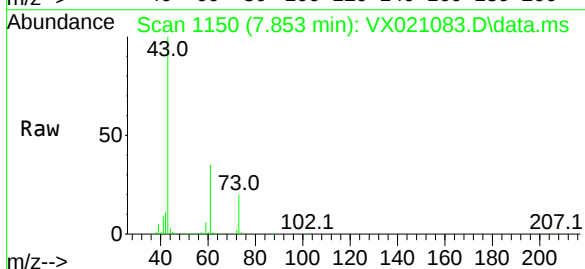
RT: 7.853 min Scan# 1150

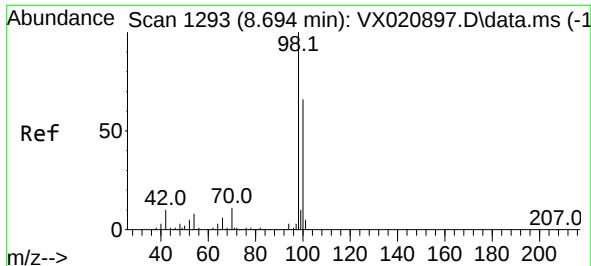
Delta R.T. 0.141 min

Lab File: VX021083.D

Acq: 09 Mar 2021 00:21

Tgt Ion:	88	Resp:	191
Ion	Ratio	Lower	Upper
88	100		
43	579485.3	23.2	34.8#
58	2660.7	55.0	82.4#

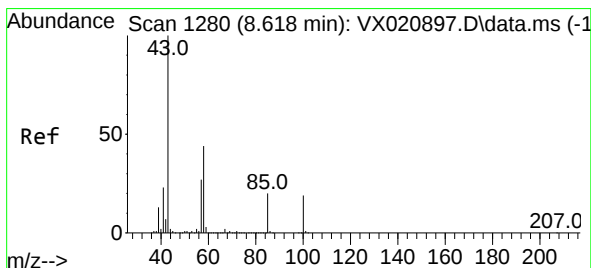
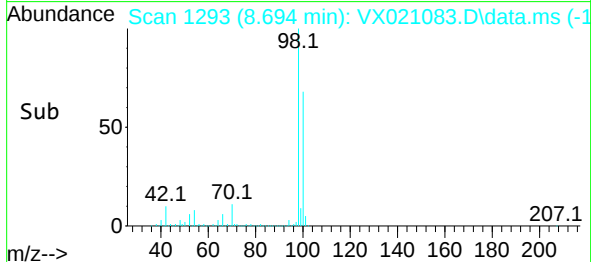
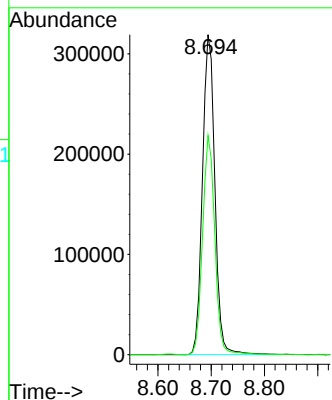
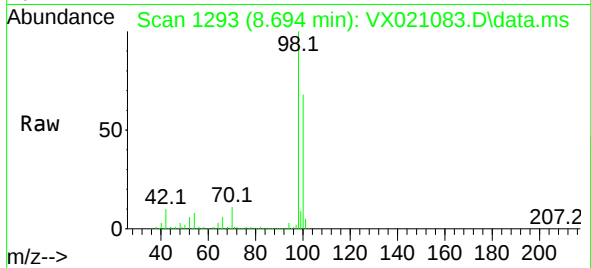




#50
Toluene-d8
Concen: 52.98 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

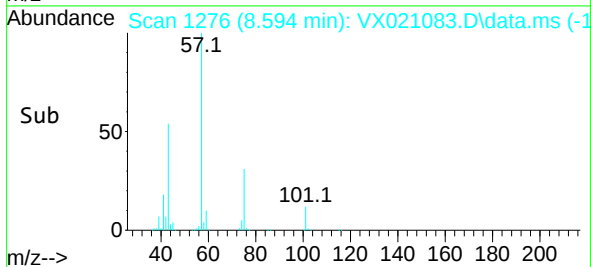
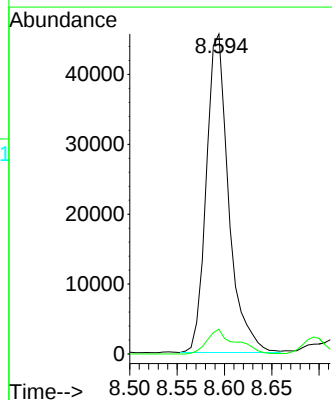
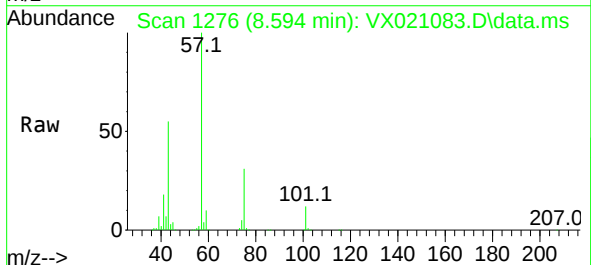
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

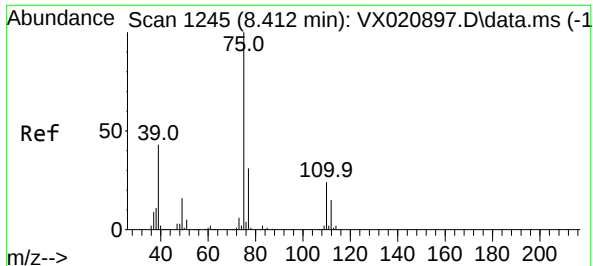
Tgt Ion: 98 Resp: 514825
Ion Ratio Lower Upper
98 100
100 67.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 20.39 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion: 43 Resp: 74888
Ion Ratio Lower Upper
43 100
58 9.9 35.4 53.0#

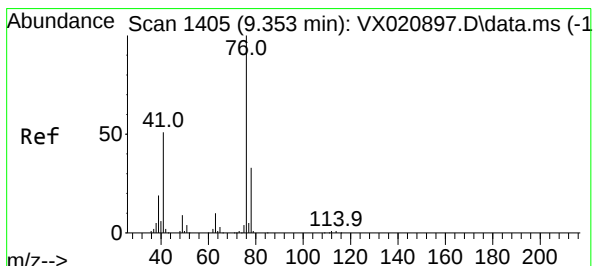
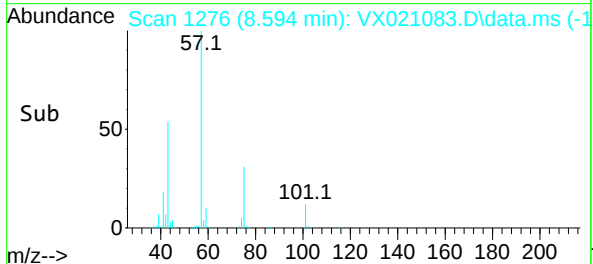
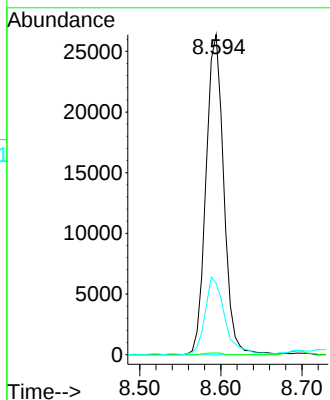
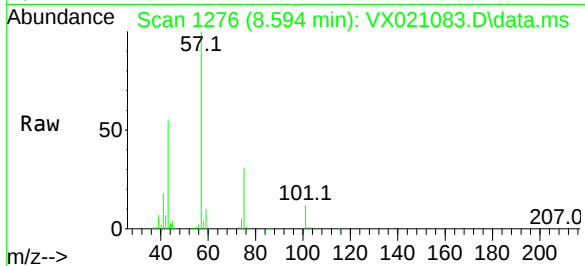




#54
 cis-1,3-Dichloropropene
 Concen: 7.93 ug/l
 RT: 8.594 min Scan# 1276
 Delta R.T. 0.182 min
 Lab File: VX021083.D
 Acq: 09 Mar 2021 00:21

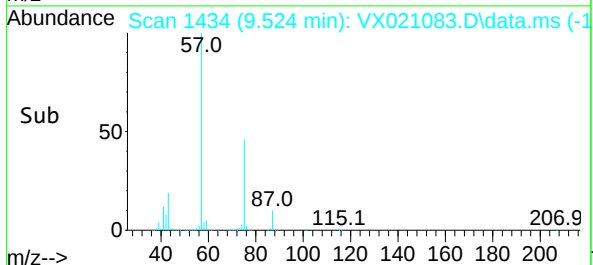
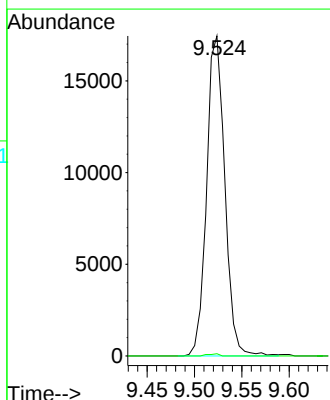
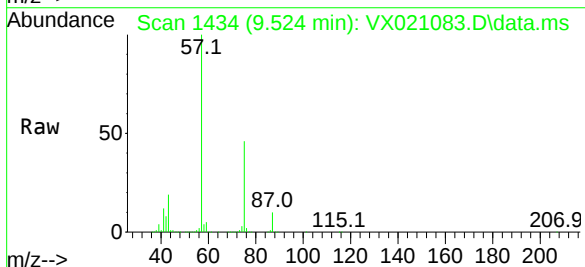
Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028ZHE#01

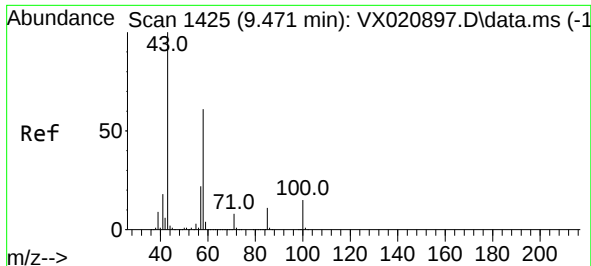
Tgt Ion: 75 Resp: 40008
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 22.1 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 4.72 ug/l
 RT: 9.524 min Scan# 1434
 Delta R.T. 0.171 min
 Lab File: VX021083.D
 Acq: 09 Mar 2021 00:21

Tgt Ion: 76 Resp: 23266
 Ion Ratio Lower Upper
 76 100
 78 0.4 26.2 39.2#

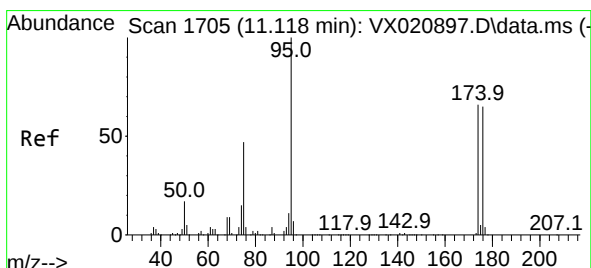
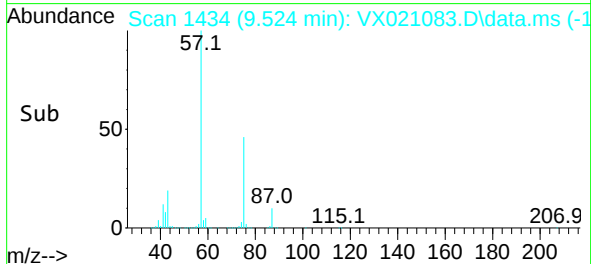
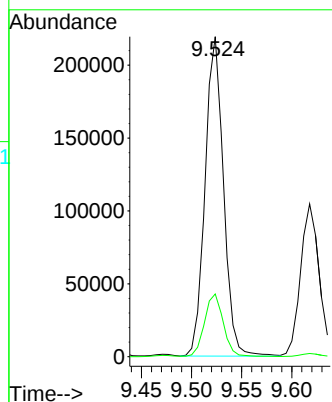
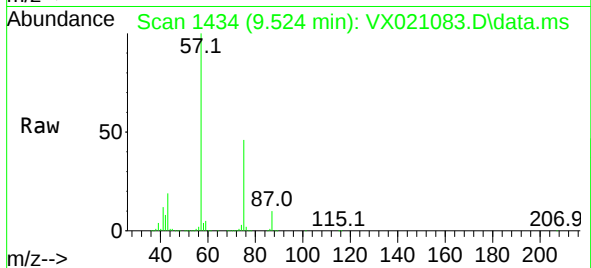




#59
2-Hexanone
Concen: 101.83 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.053 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

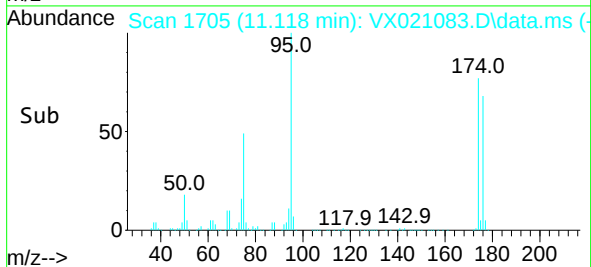
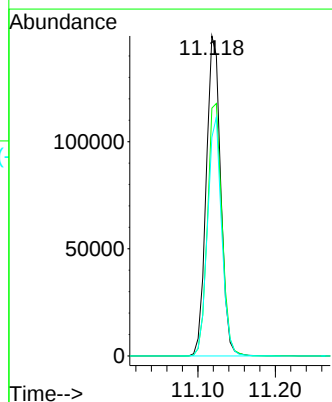
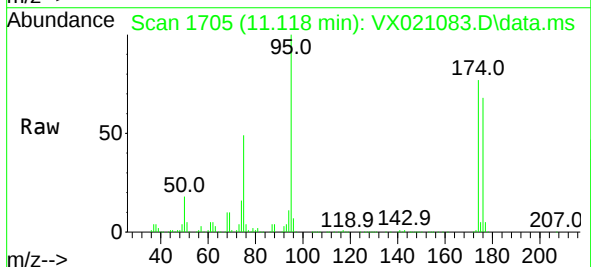
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

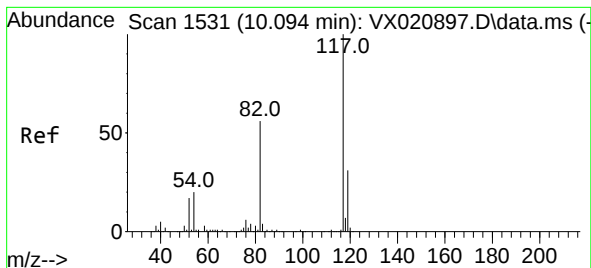
Tgt Ion: 43 Resp: 280651
Ion Ratio Lower Upper
43 100
58 19.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 53.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion: 95 Resp: 193093
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 73.0 0.0 155.8

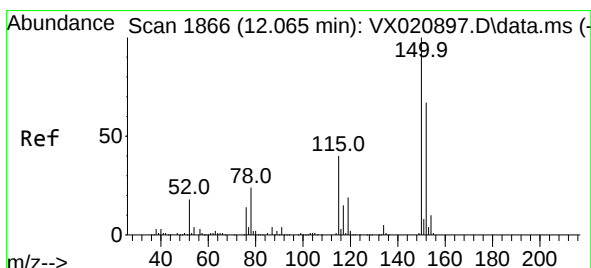
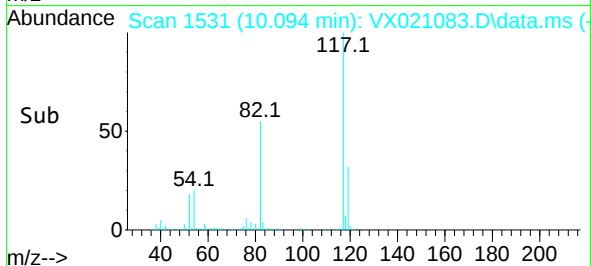
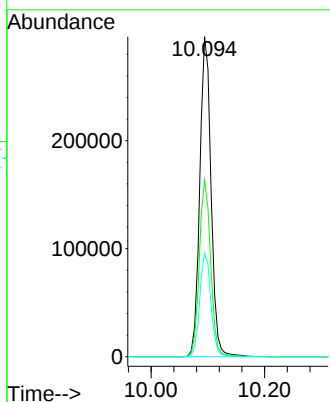
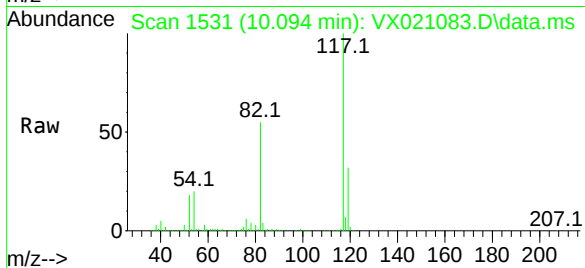




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

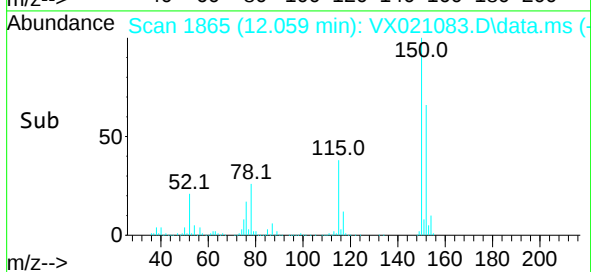
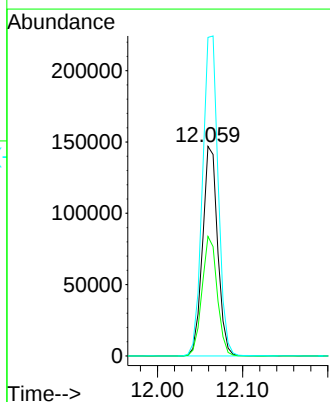
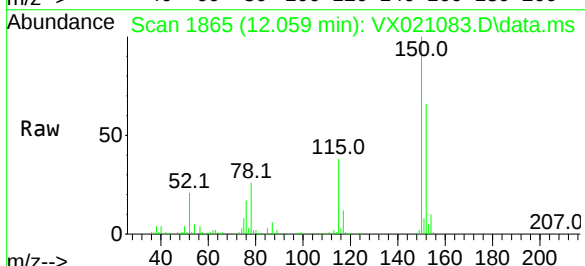
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

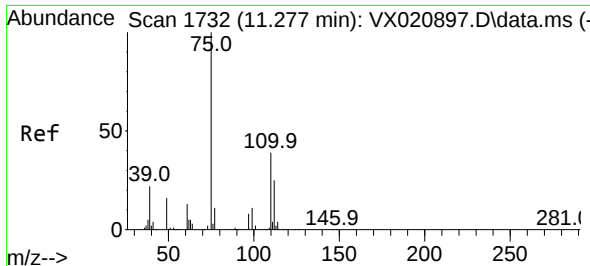
Tgt Ion:117 Resp: 407378
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion:152 Resp: 180294
Ion Ratio Lower Upper
152 100
115 57.4 41.1 123.3
150 158.9 0.0 349.0

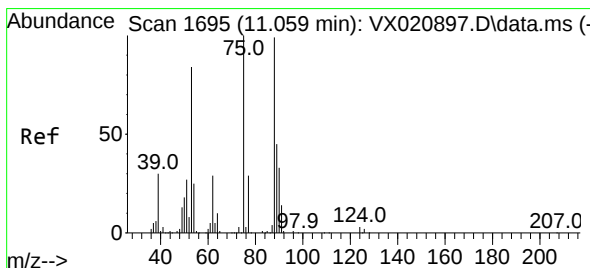
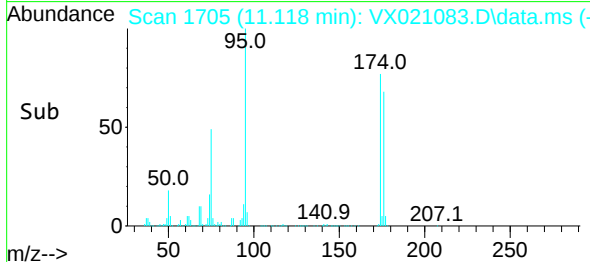
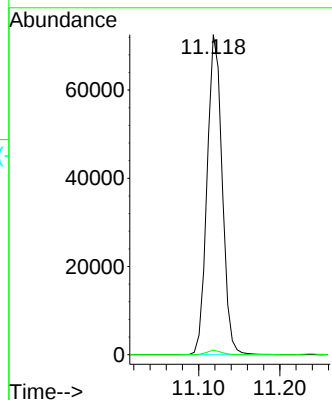
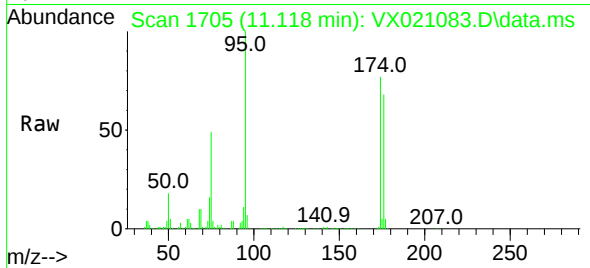




#76
1,2,3-Trichloropropane
Concen: 24.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#01

Tgt Ion: 75 Resp: 93188
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.19 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021083.D
Acq: 09 Mar 2021 00:21

Tgt Ion: 75 Resp: 93188
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

