

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021120.D
 Acq On : 09 Mar 2021 19:30
 Operator : JC/MD
 Sample : PB135055ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135055ZHE#04

Quant Time: Mar 10 00:34:52 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)

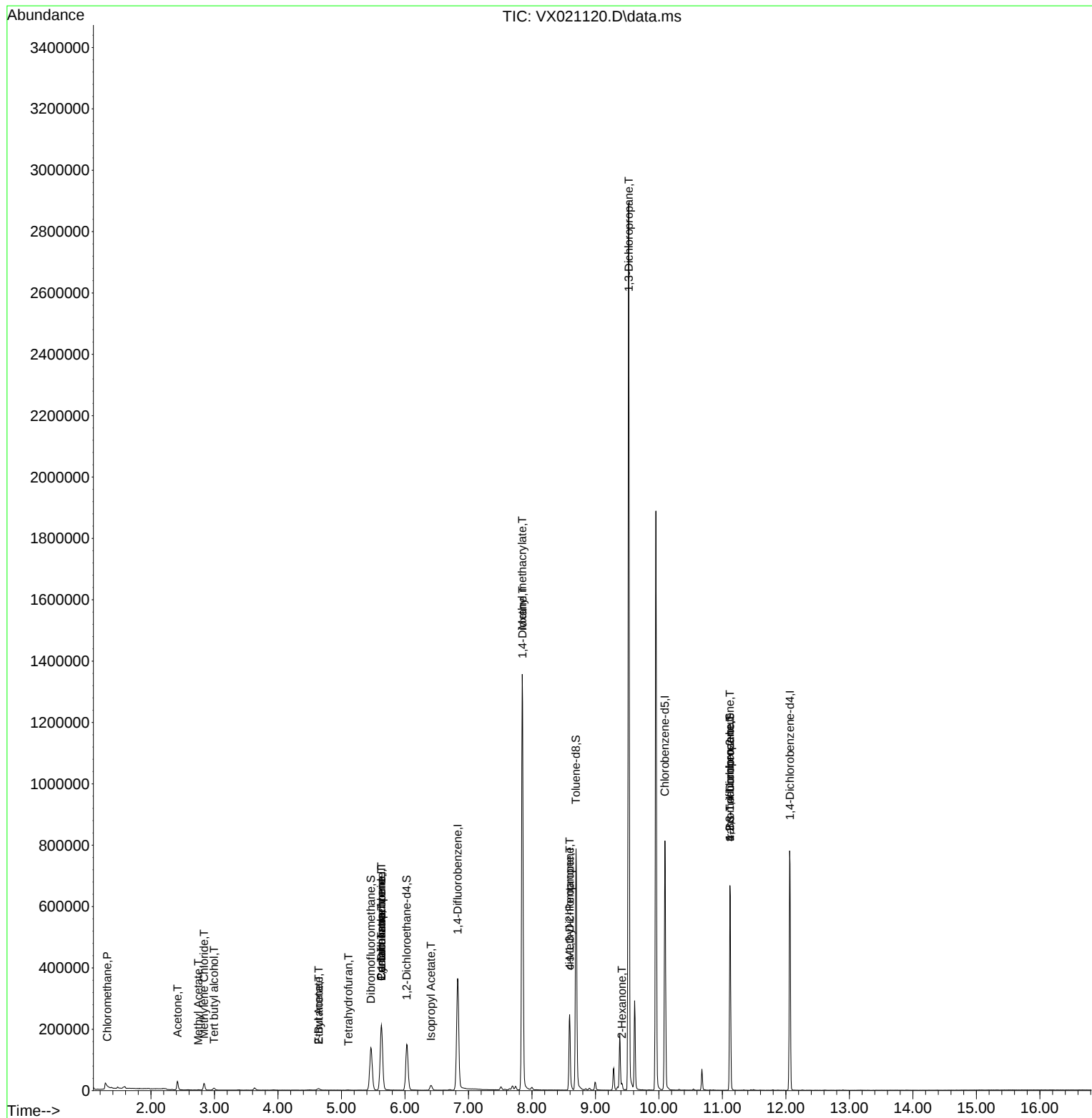
Internal Standards						
1) Pentafluorobenzene	5.629	168	204480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	376516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	384915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	168062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	140333	50.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.62%			
35) Dibromofluoromethane	5.464	113	121236	53.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.00%			
50) Toluene-d8	8.694	98	481649	54.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.00%			
62) 4-Bromofluorobenzene	11.118	95	181726	55.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.20%			
Target Compounds					Qvalue	
3) Chloromethane	1.311	50	581	0.24	ug/l #	80
5) Bromomethane	1.634	94	265	Below Cal		85
11) Tert butyl alcohol	2.993	59	3535	5.75	ug/l #	76
16) Acetone	2.417	43	28856	25.35	ug/l	100
18) Methyl Acetate	2.746	43	1041	0.39	ug/l	93
20) Methylene Chloride	2.834	84	10169	3.72	ug/l	95
25) 2-Butanone	4.641	43	5991	3.47	ug/l	97
29) Tetrahydrofuran	5.111	42	845	0.76	ug/l #	73
31) Cyclohexane	5.629	56	3968	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15749	4.40	ug/l #	48
37) Ethyl Acetate	4.641	43	5991	1.76	ug/l #	64
38) Carbon Tetrachloride	5.629	117	19445	5.61	ug/l #	18
43) Isopropyl Acetate	6.411	43	20602	3.56	ug/l	100
48) Methyl methacrylate	7.847	41	113102	38.93	ug/l #	35
49) 1,4-Dioxane	7.853	88	235	3.47	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	80908	23.99	ug/l #	46
54) cis-1,3-Dichloropropene	8.594	75	41820	9.03	ug/l #	59
57) 1,3-Dichloropropane	9.524	76	26079	5.76	ug/l #	43
59) 2-Hexanone	9.418	43	10638	4.20	ug/l #	19
76) 1,2,3-Trichloropropane	11.118	75	87747	24.27	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	87747	53.73	ug/l #	12

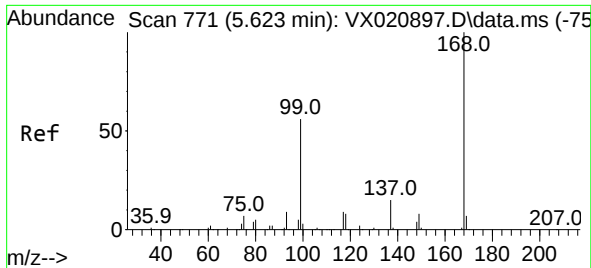
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
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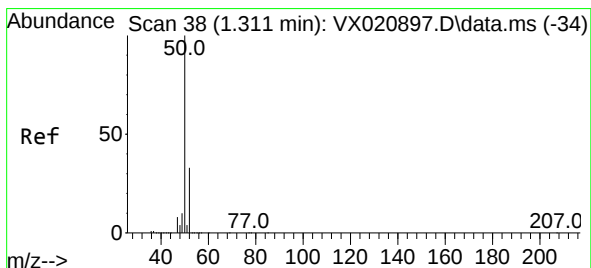
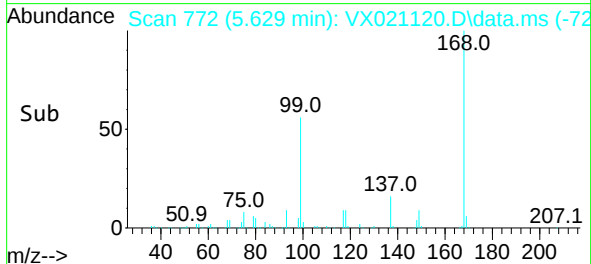
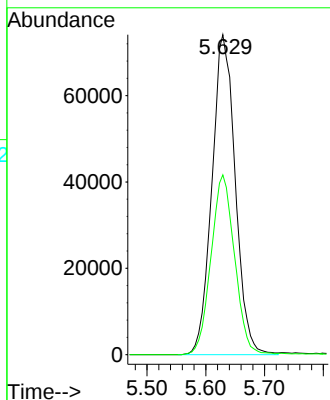
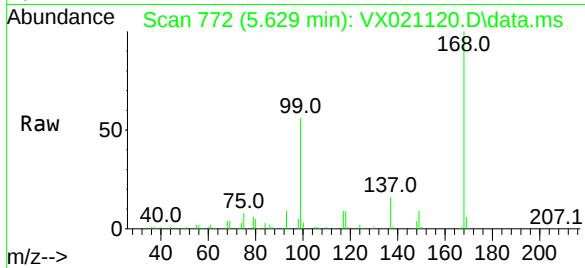




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

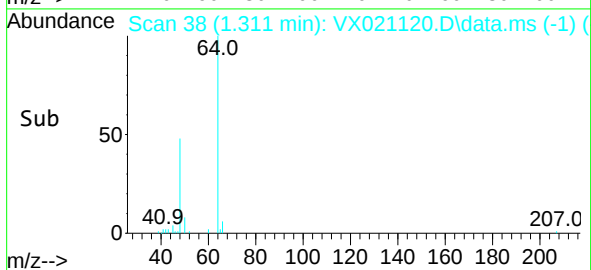
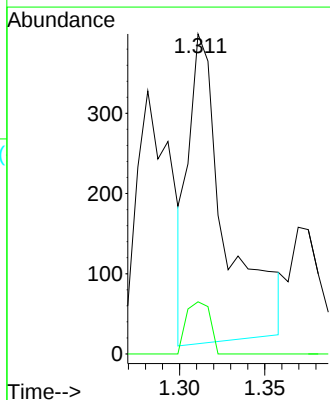
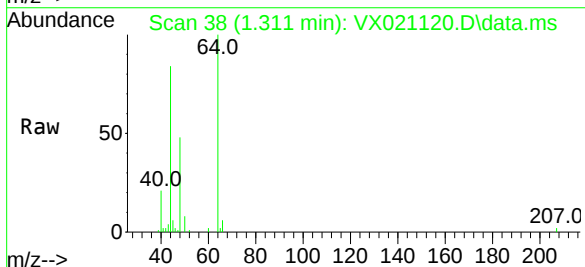
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

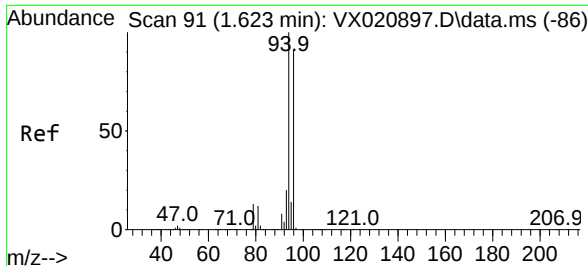
Tgt Ion:168 Resp: 204480
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.24 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 50 Resp: 581
Ion Ratio Lower Upper
50 100
52 21.9 26.4 39.6#

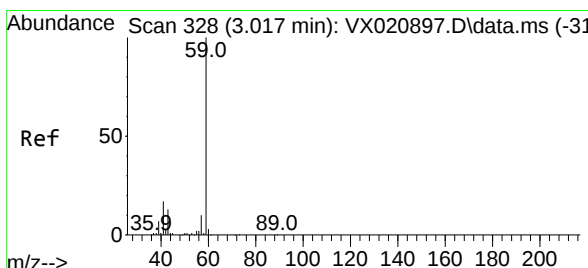
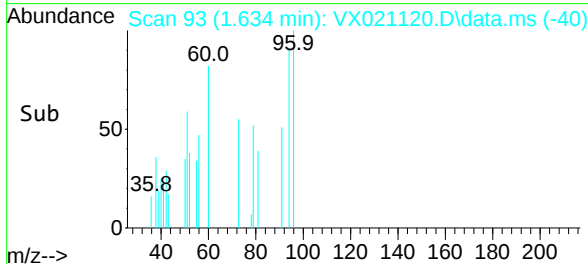
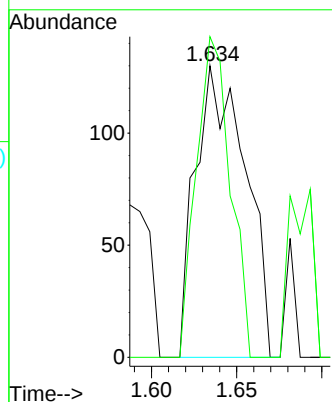
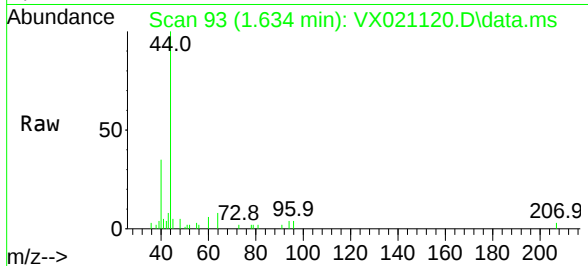




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

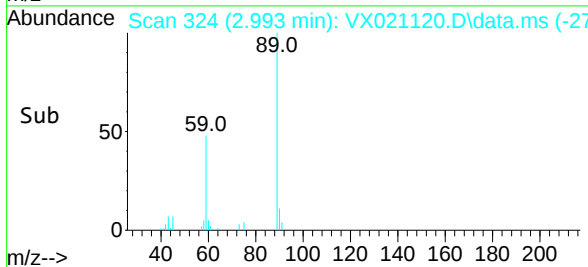
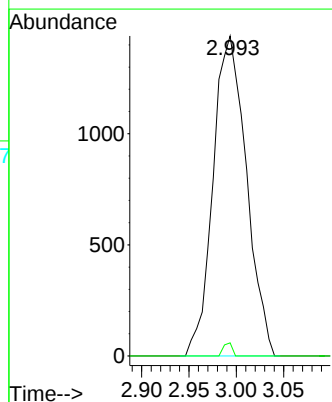
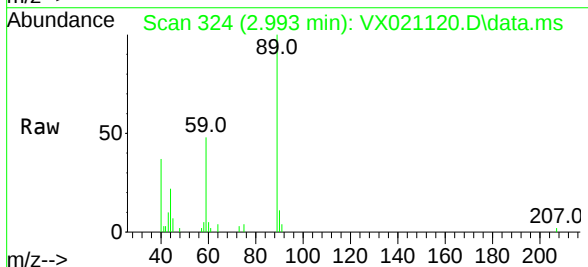
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

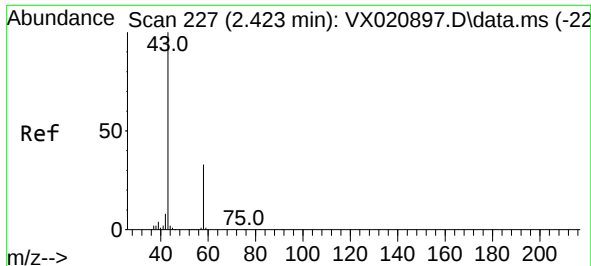
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 110.0 76.4 114.6



#11
Tert butyl alcohol
Concen: 5.75 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 59 Resp: 3535
Ion Ratio Lower Upper
59 100
57 1.1 7.8 11.8#

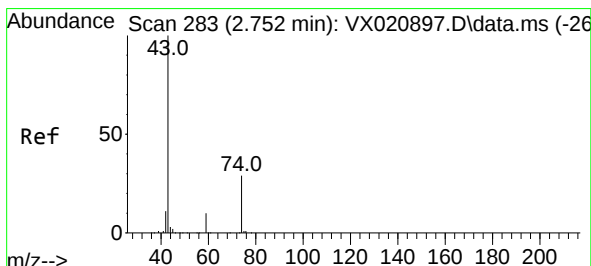
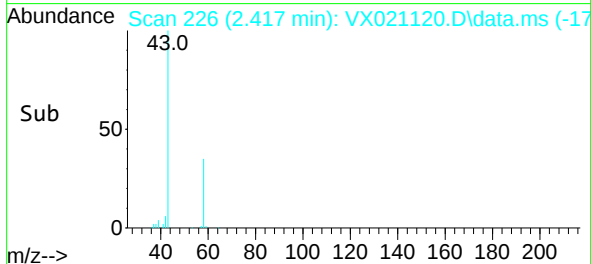
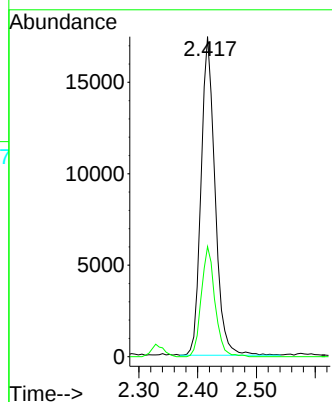
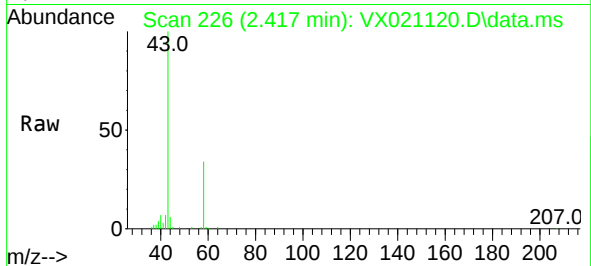




#16
Acetone
Concen: 25.35 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

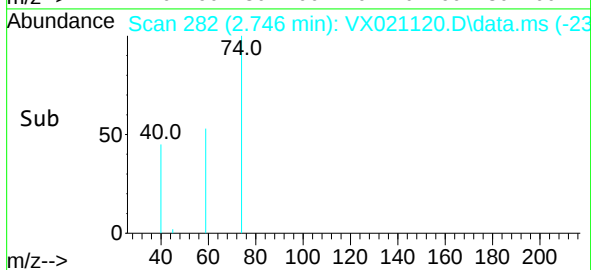
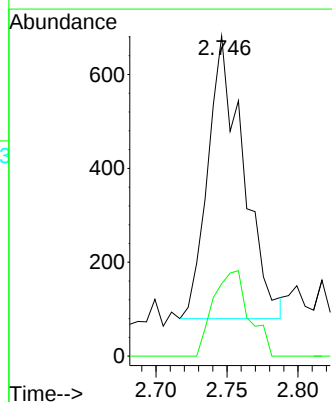
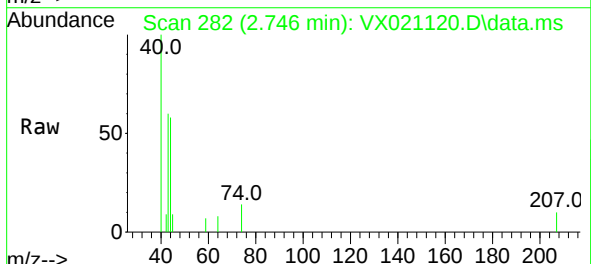
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

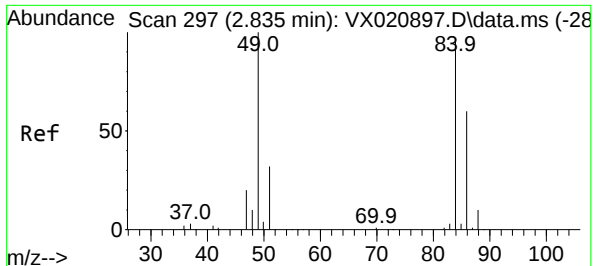
Tgt Ion: 43 Resp: 28856
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.39 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
74 30.8 21.9 32.9





#20

Methylene Chloride

Concen: 3.72 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021120.D

Acq: 09 Mar 2021 19:30

Tgt Ion: 84 Resp: 10169

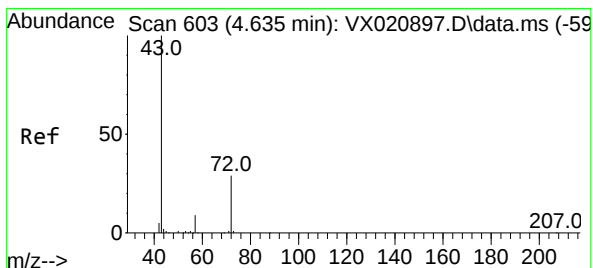
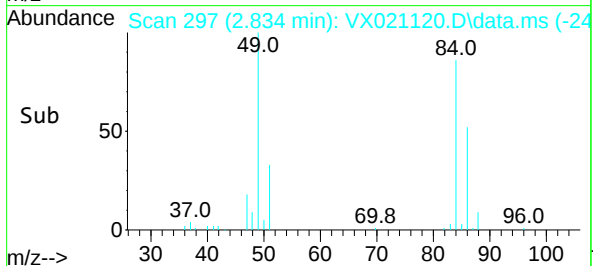
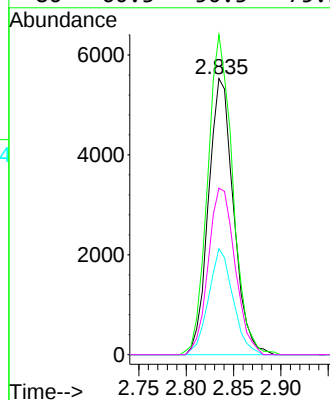
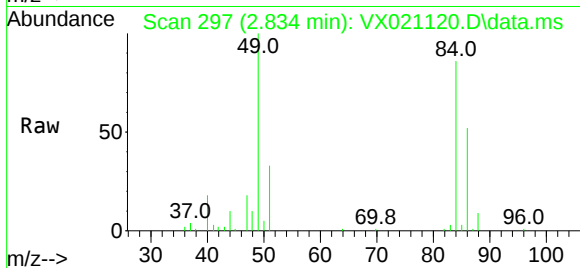
Ion Ratio Lower Upper

84 100

49 115.9 88.6 132.8

51 38.4 27.0 40.6

86 60.3 50.3 75.5



#25

2-Butanone

Concen: 3.47 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021120.D

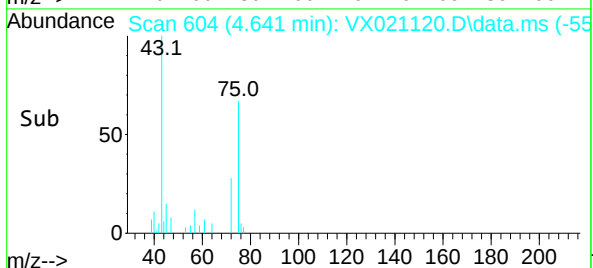
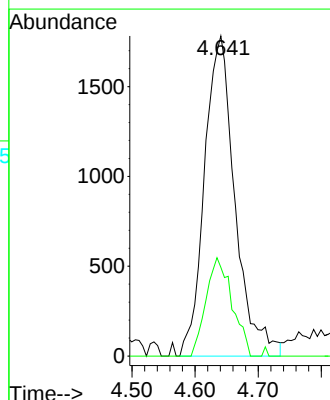
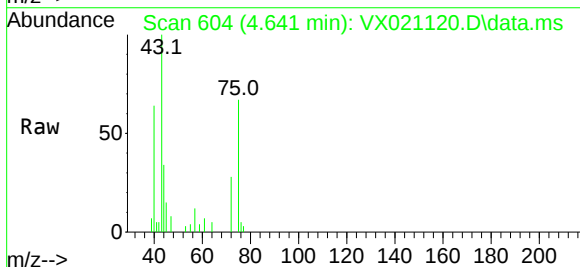
Acq: 09 Mar 2021 19:30

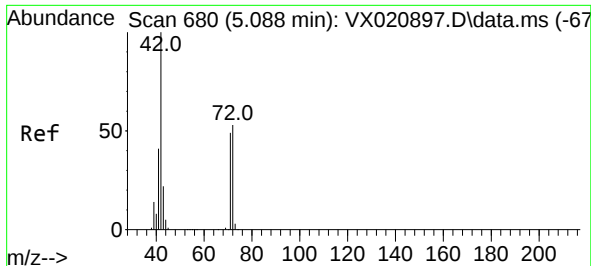
Tgt Ion: 43 Resp: 5991

Ion Ratio Lower Upper

43 100

72 27.7 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.76 ug/l

RT: 5.111 min Scan# 684

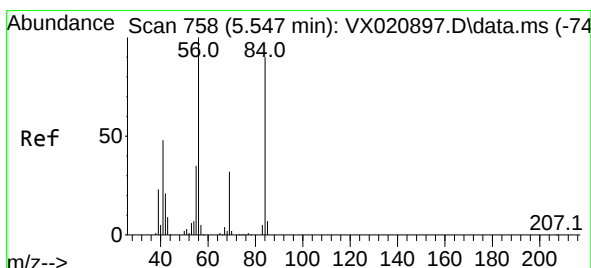
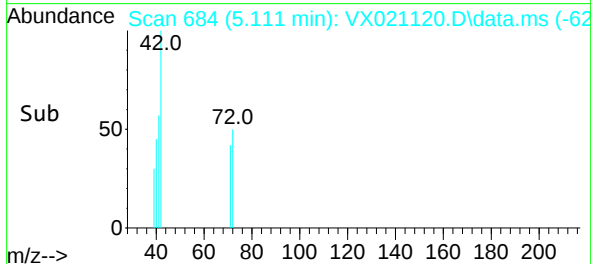
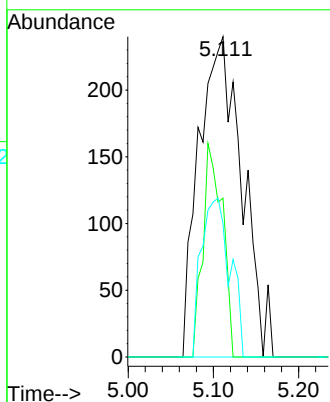
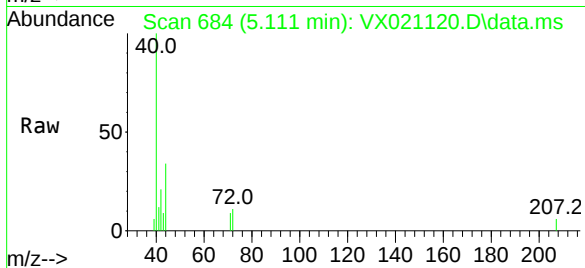
Delta R.T. 0.024 min

Lab File: VX021120.D

Acq: 09 Mar 2021 19:30

Tgt Ion:	42	Resp:	845
Ion	Ratio	Lower	Upper
42	100		
72	30.3	41.7	62.5#
71	32.9	38.4	57.6#

Instrument :
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ClientSampleId :
PB135055ZHE#04



#31

Cyclohexane

Concen: 0.99 ug/l

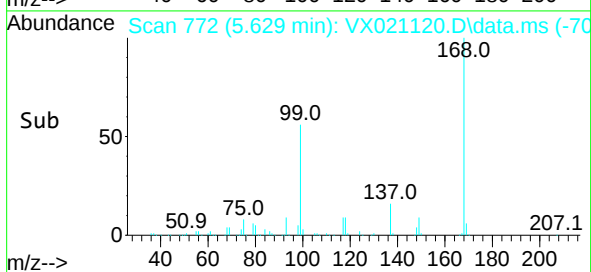
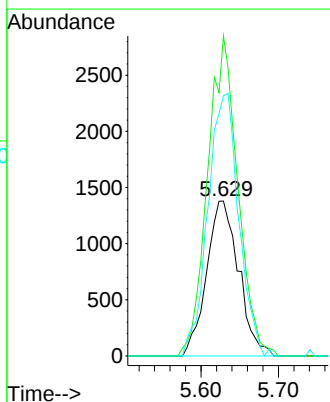
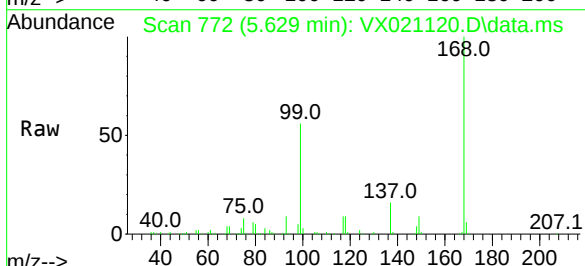
RT: 5.629 min Scan# 772

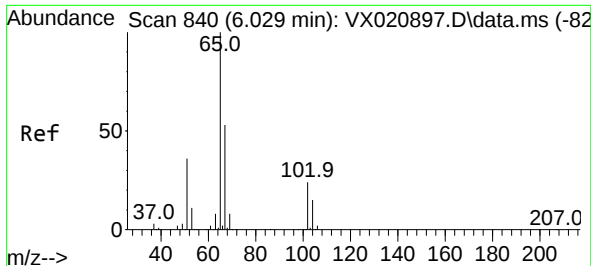
Delta R.T. 0.082 min

Lab File: VX021120.D

Acq: 09 Mar 2021 19:30

Tgt Ion:	56	Resp:	3968
Ion	Ratio	Lower	Upper
56	100		
69	206.7	25.3	37.9#
84	168.1	71.4	107.0#



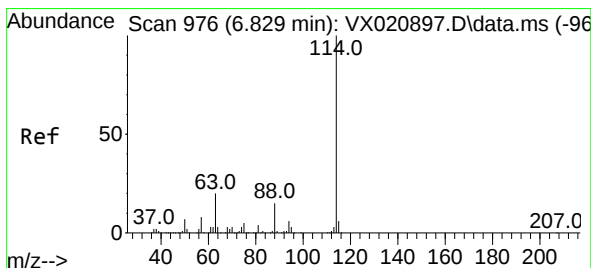
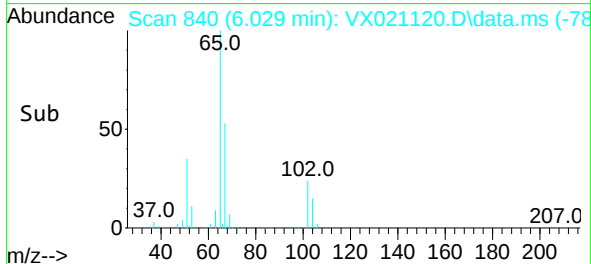
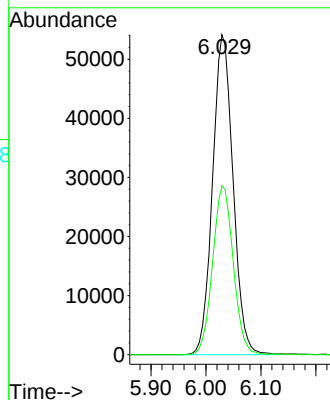
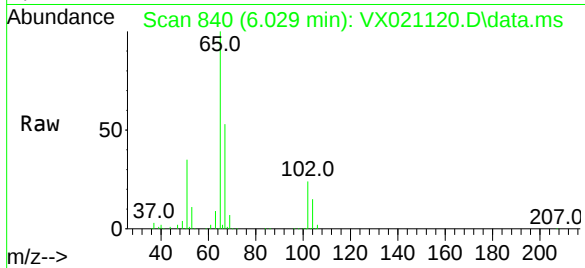


#33
 1,2-Dichloroethane-d4
 Concen: 50.81 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021120.D
 Acq: 09 Mar 2021 19:30

Instrument :
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 ClientSampleId :
 PB135055ZHE#04

Tgt Ion: 65 Resp: 140333

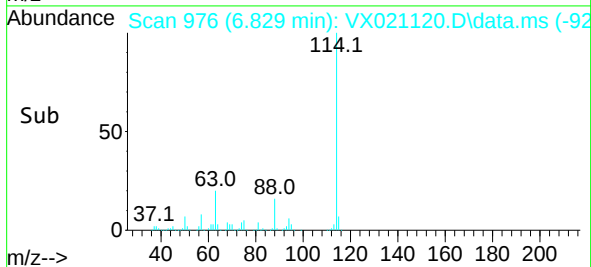
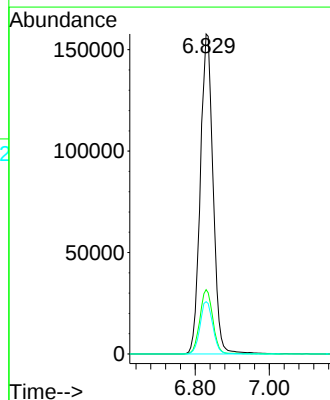
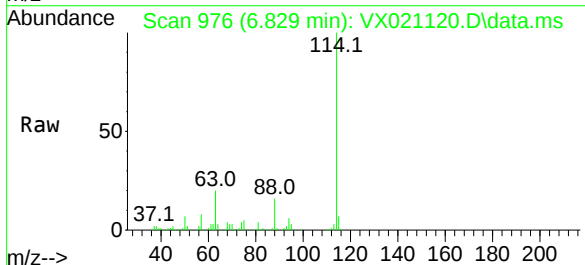
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4

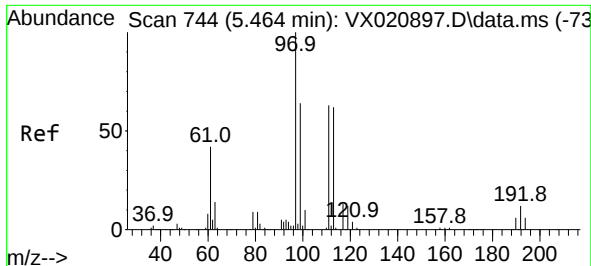


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021120.D
 Acq: 09 Mar 2021 19:30

Tgt Ion: 114 Resp: 376516

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	16.3	0.0	32.8

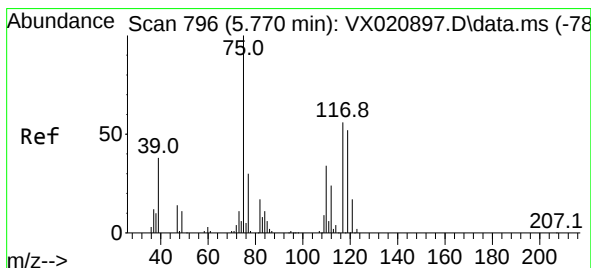
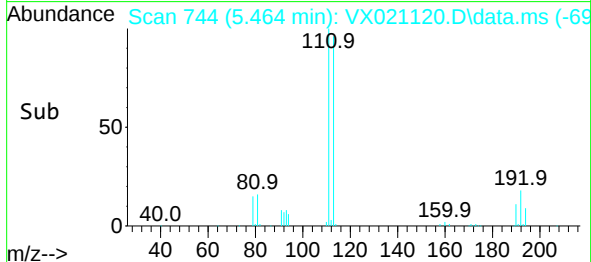
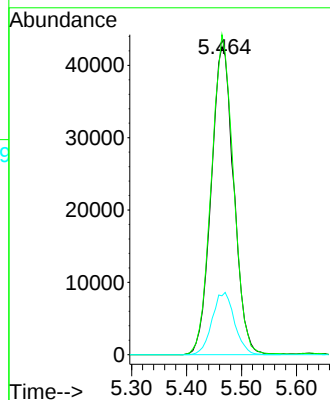
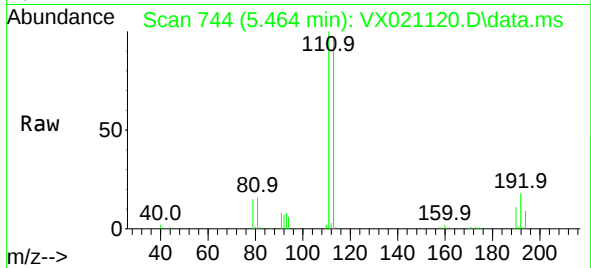




#35
Dibromofluoromethane
Concen: 53.00 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

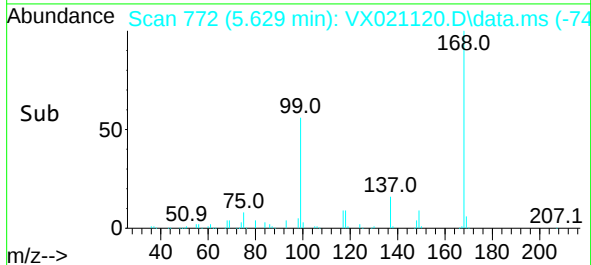
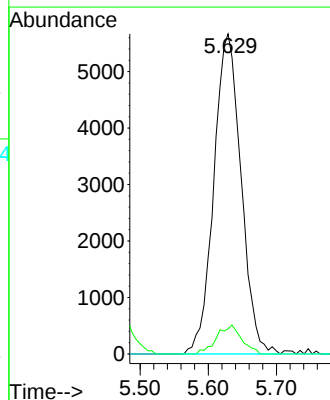
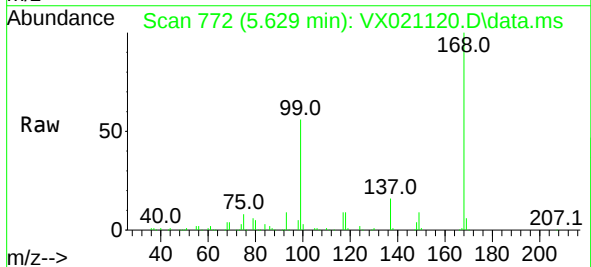
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

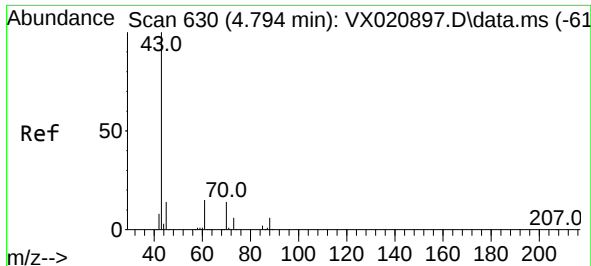
Tgt Ion:113 Resp: 121236
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 75 Resp: 15749
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.76 ug/l

RT: 4.641 min Scan# 604

Delta R.T. -0.153 min

Lab File: VX021120.D

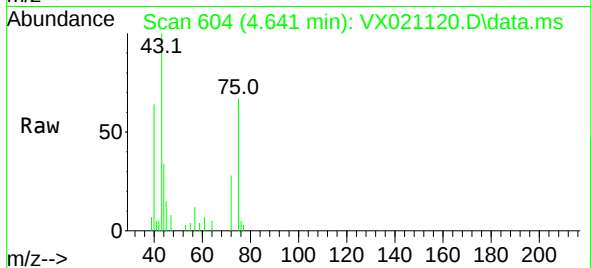
Acq: 09 Mar 2021 19:30

Instrument :

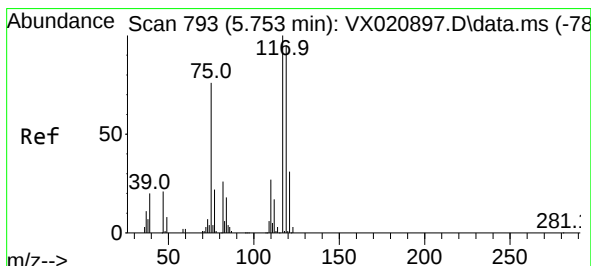
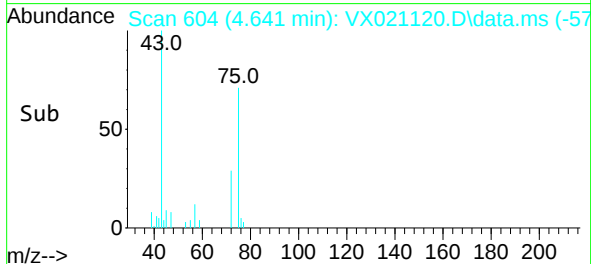
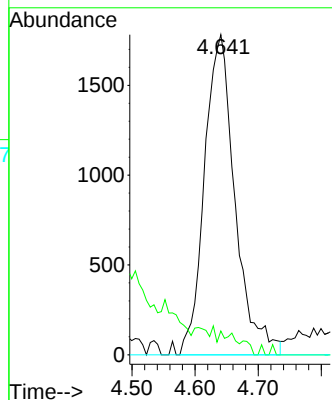
MSVOA_X

ClientSampleId :

PB135055ZHE#04



Tgt Ion:	43	Resp:	5991
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 5.61 ug/l

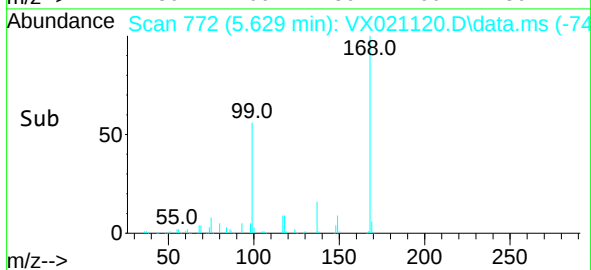
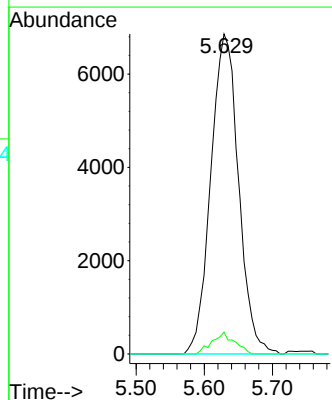
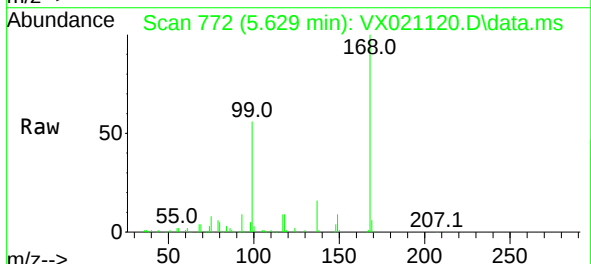
RT: 5.629 min Scan# 772

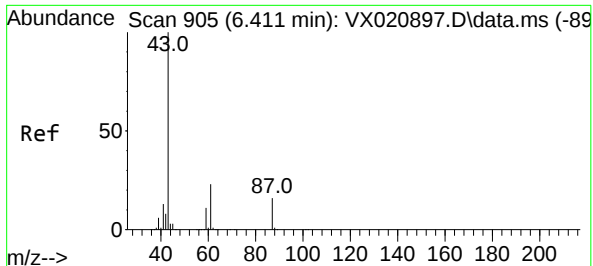
Delta R.T. -0.124 min

Lab File: VX021120.D

Acq: 09 Mar 2021 19:30

Tgt Ion:	117	Resp:	19445
Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.2	114.2#
121	0.0	24.8	37.2#

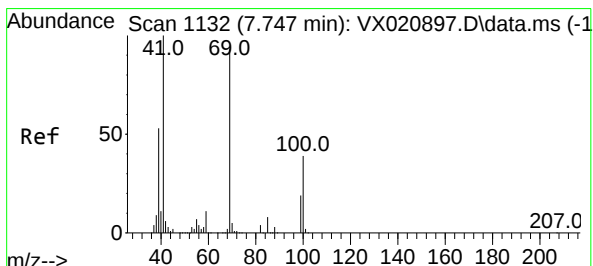
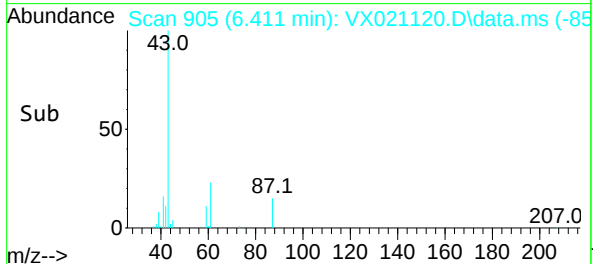
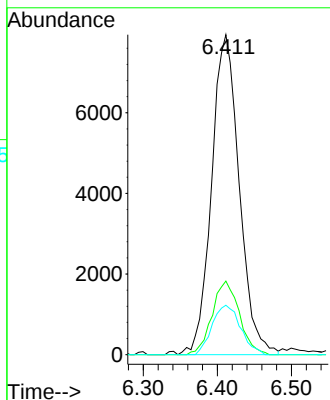
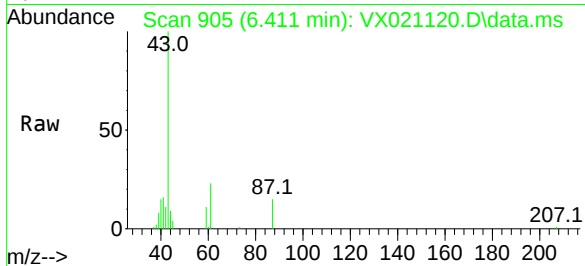




#43
Isopropyl Acetate
Concen: 3.56 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

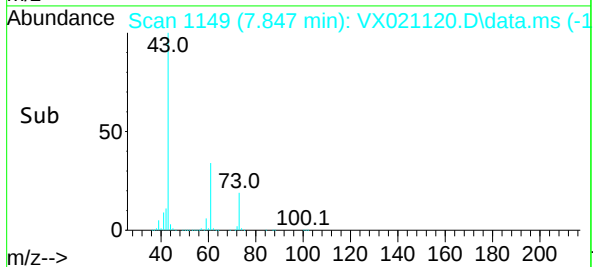
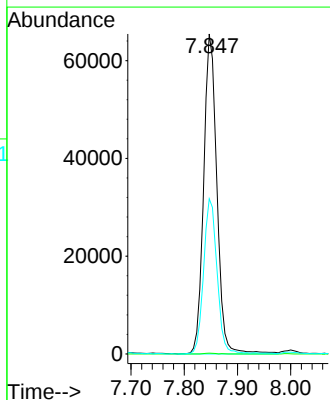
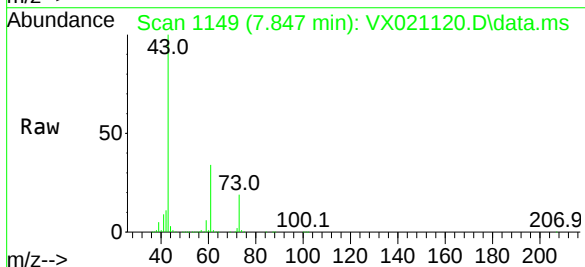
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

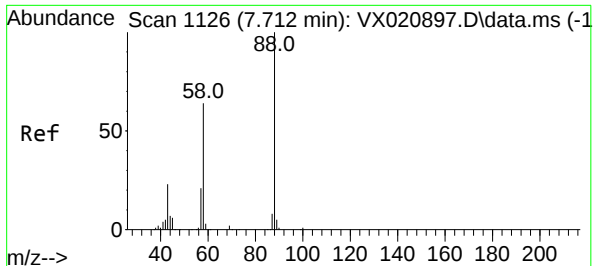
Tgt Ion: 43	Resp: 20602
Ion Ratio	Lower Upper
43 100	
61 22.6	18.2 27.4
87 15.9	12.5 18.7



#48
Methyl methacrylate
Concen: 38.93 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.100 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 41	Resp: 113102
Ion Ratio	Lower Upper
41 100	
69 0.2	76.0 114.0#
39 49.1	44.6 67.0

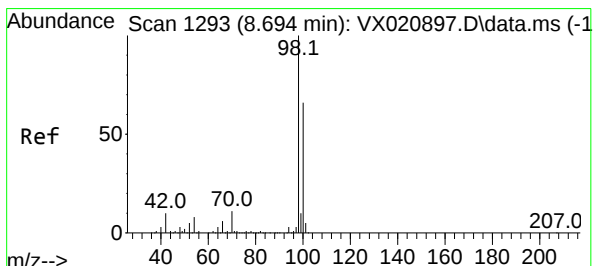
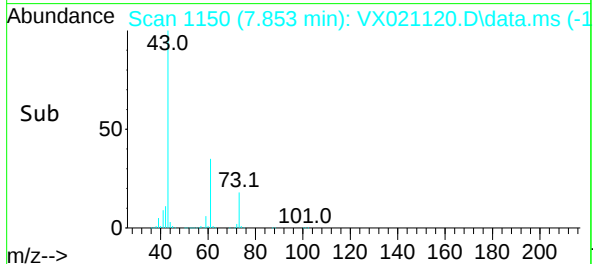
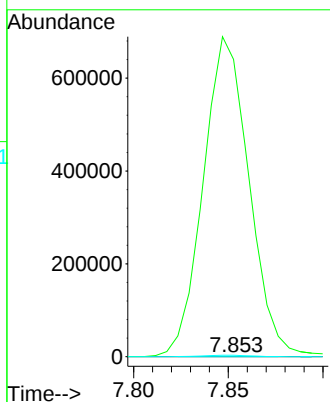
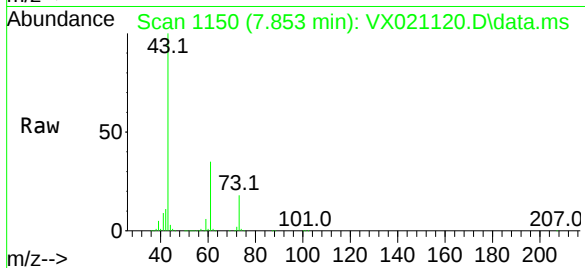




#49
1,4-Dioxane
Concen: 3.47 ug/l
RT: 7.853 min Scan# 1150
Delta R.T. 0.141 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

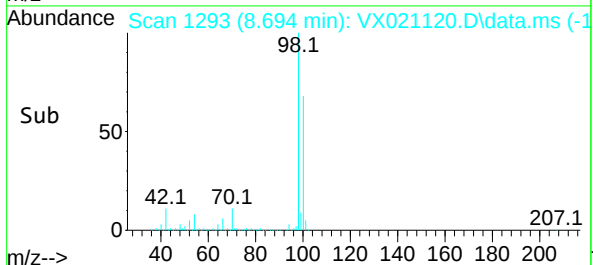
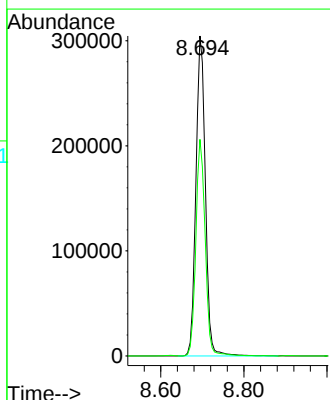
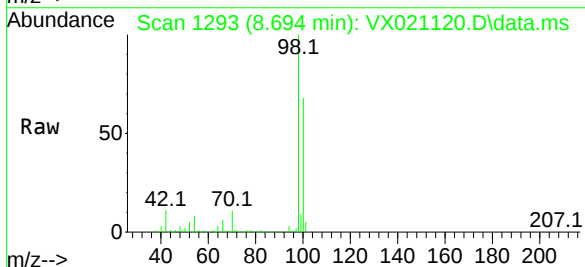
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

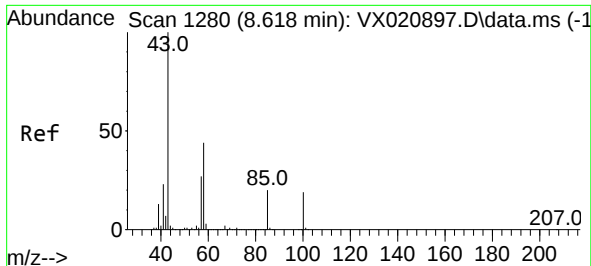
Tgt Ion: 88 Resp: 235
Ion Ratio Lower Upper
88 100
43 499811.9 23.2 34.8#
58 2359.1 55.0 82.4#



#50
Toluene-d8
Concen: 54.00 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 98 Resp: 481649
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

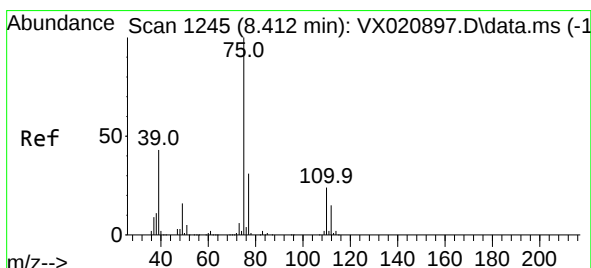
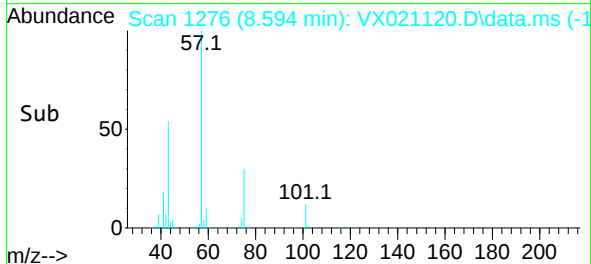
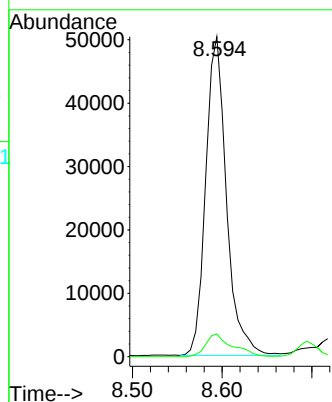
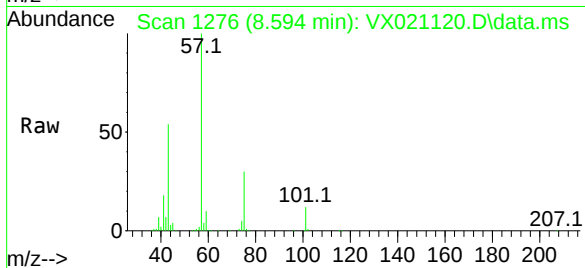




#51
4-Methyl-2-Pentanone
Concen: 23.99 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

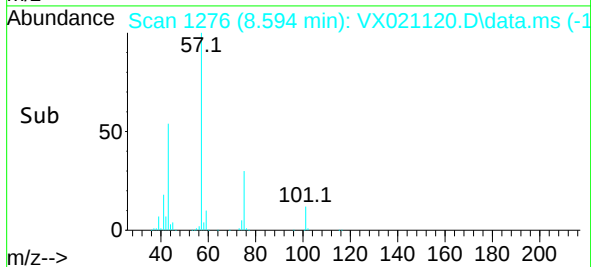
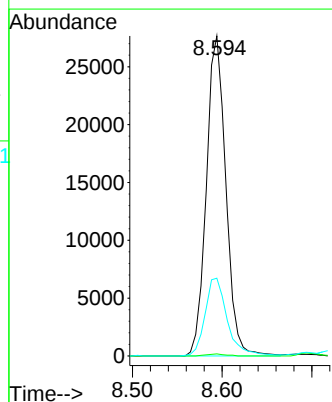
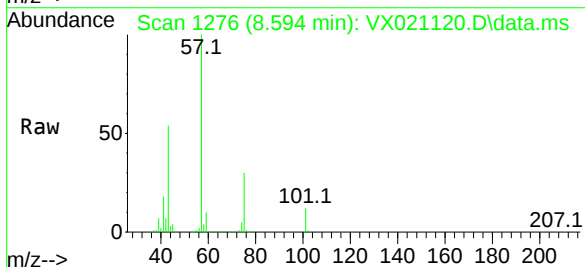
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

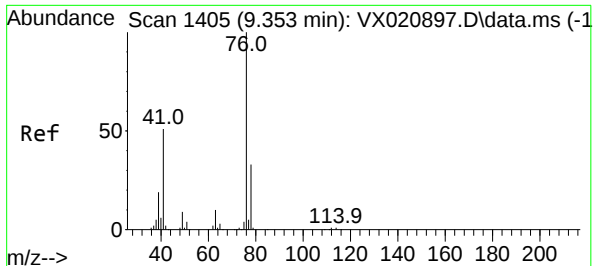
Tgt Ion: 43 Resp: 80908
Ion Ratio Lower Upper
43 100
58 9.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 9.03 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 75 Resp: 41820
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 24.3 35.1 52.7#

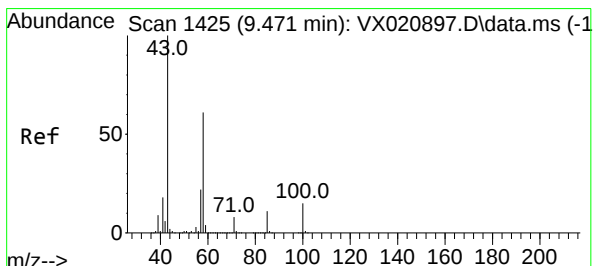
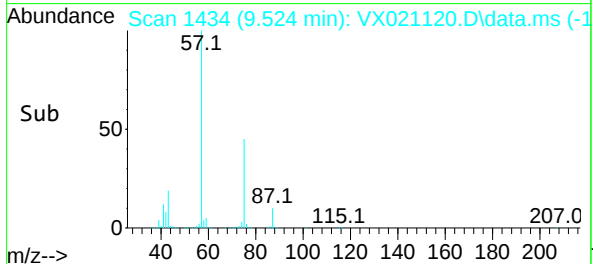
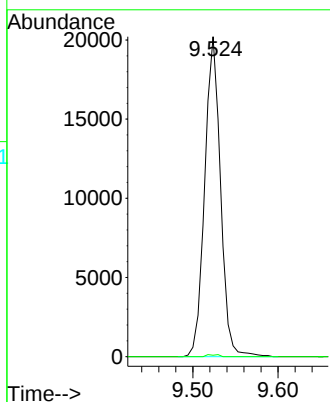
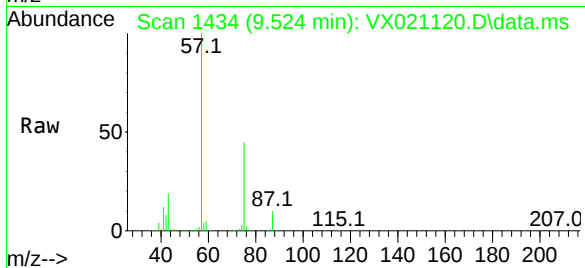




#57
1,3-Dichloropropane
Concen: 5.76 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.171 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

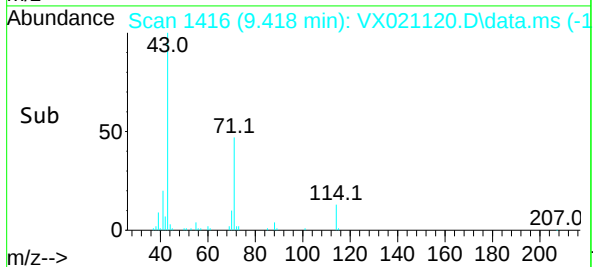
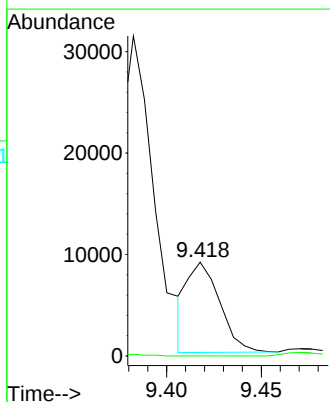
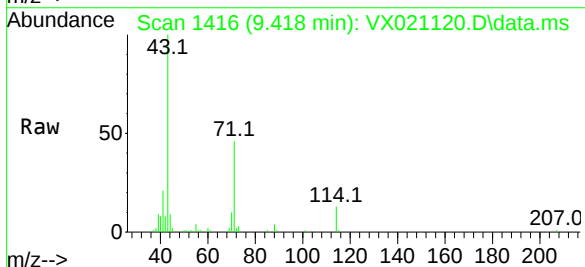
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

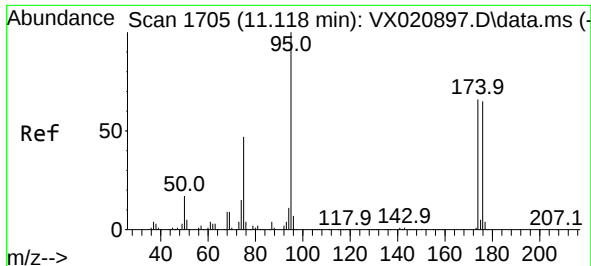
Tgt Ion: 76 Resp: 26079
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#



#59
2-Hexanone
Concen: 4.20 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 43 Resp: 10638
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

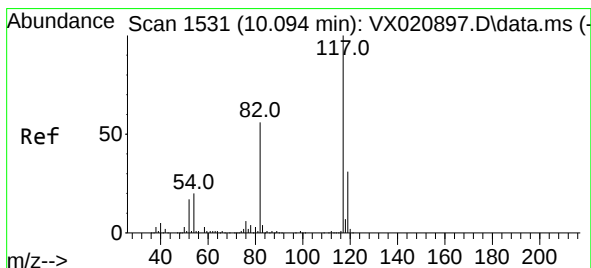
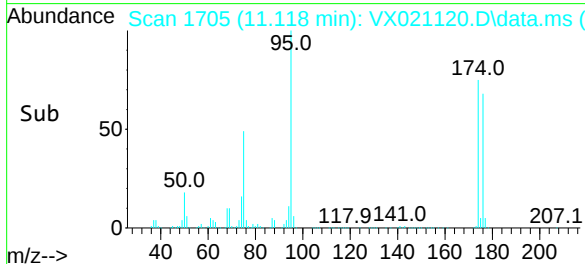
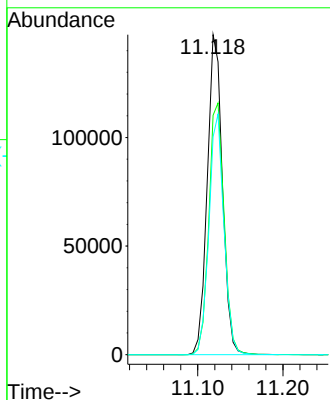
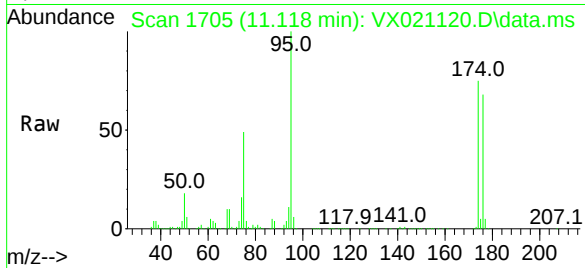




#62
4-Bromofluorobenzene
Concen: 55.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

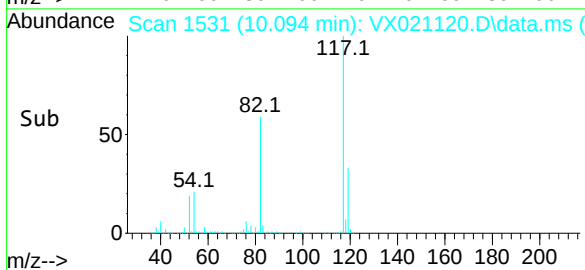
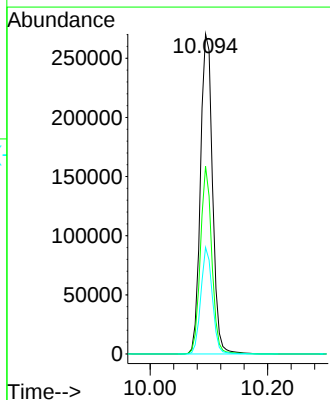
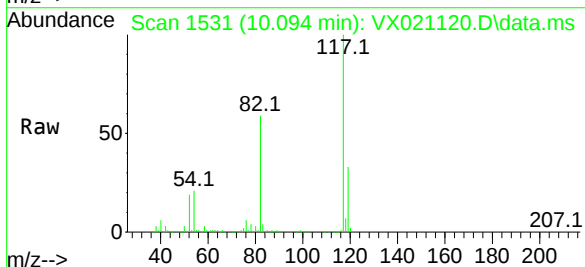
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

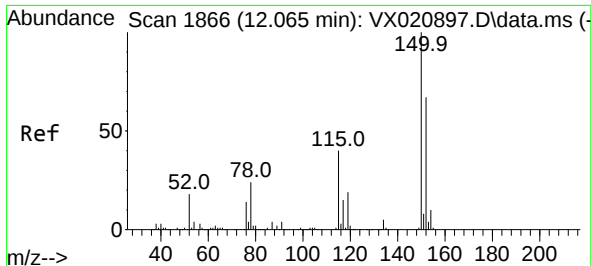
Tgt Ion: 95 Resp: 181726
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

Tgt Ion: 117 Resp: 384915
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 33.3 26.6 39.8

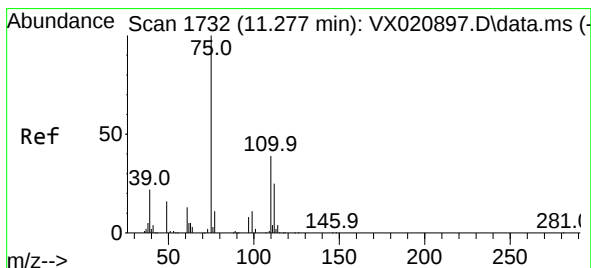
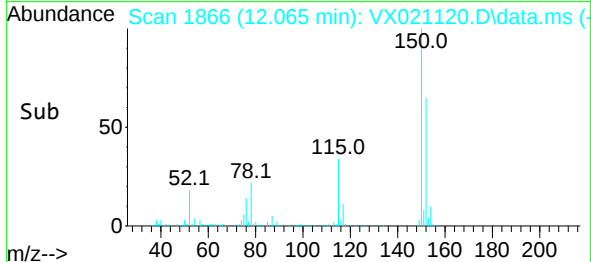
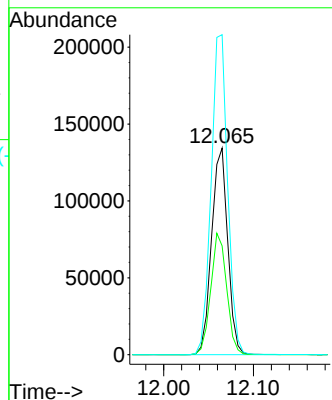
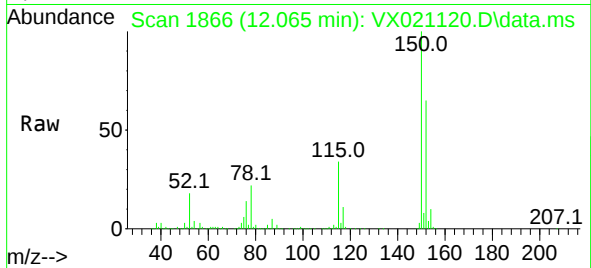




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

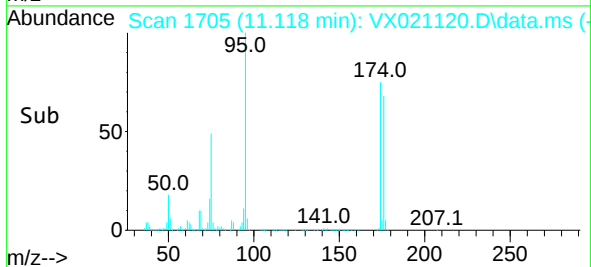
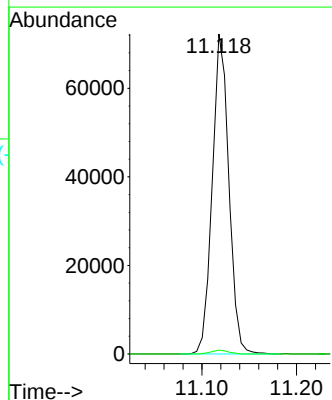
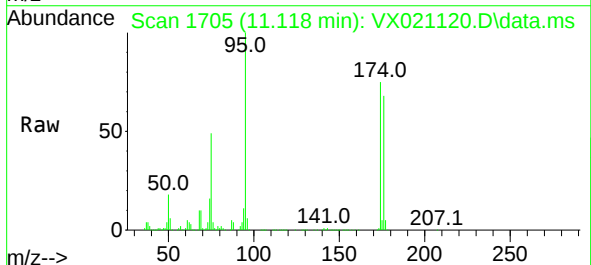
Instrument :
MSVOA_X
ClientSampleId :
PB135055ZHE#04

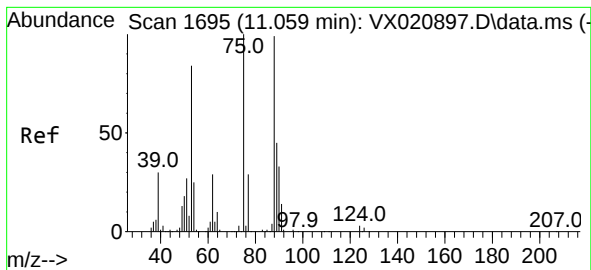
Tgt Ion:152 Resp: 168062
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 158.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.27 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021120.D
Acq: 09 Mar 2021 19:30

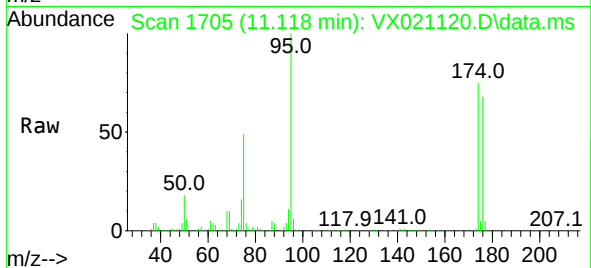
Tgt Ion: 75 Resp: 87747
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.73 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021120.D
 Acq: 09 Mar 2021 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135055ZHE#04



Tgt Ion: 75 Resp: 87747
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

