

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021087.D
 Acq On : 09 Mar 2021 01:54
 Operator : JC/MD
 Sample : PB135028ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028ZHE#05

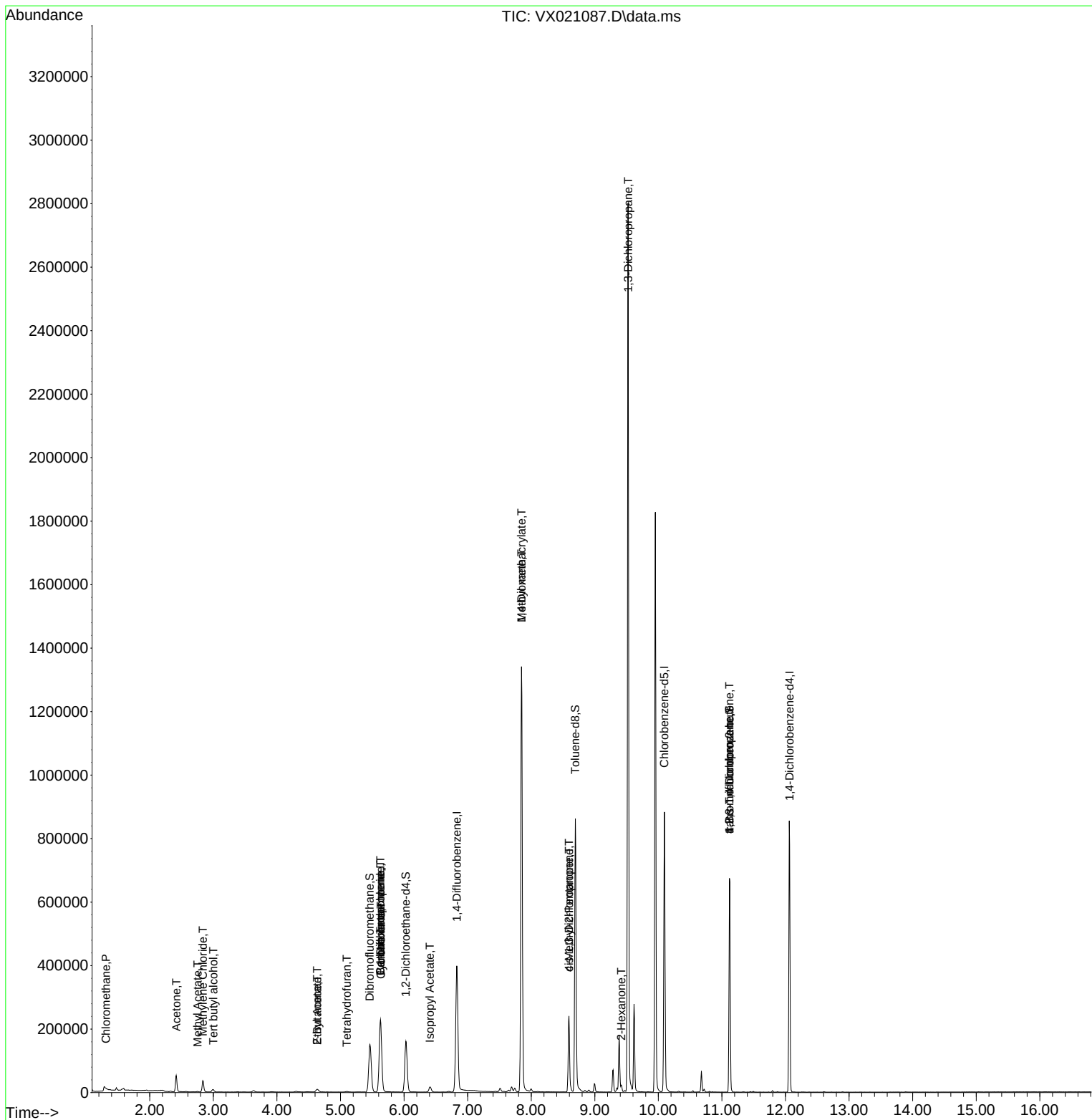
Quant Time: Mar 09 04:24:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

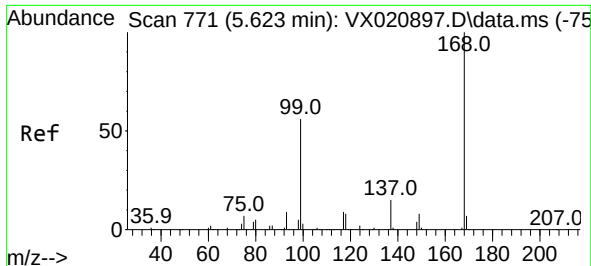
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	227398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	413271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	406804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	181608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	150906	49.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.26%		
35) Dibromofluoromethane	5.458	113	132214	52.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.30%		
50) Toluene-d8	8.694	98	524928	53.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.24%		
62) 4-Bromofluorobenzene	11.118	95	198791	54.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.82%		
Target Compounds						Qvalue
3) Chloromethane	1.311	50	834	0.31	ug/l	89
5) Bromomethane	1.634	94	385	Below Cal		85
11) Tert butyl alcohol	2.999	59	5120	7.49	ug/l #	88
16) Acetone	2.417	43	53138	41.99	ug/l	100
18) Methyl Acetate	2.752	43	1572	0.53	ug/l	95
20) Methylene Chloride	2.834	84	17359	5.72	ug/l	97
25) 2-Butanone	4.635	43	11543	6.00	ug/l	100
29) Tetrahydrofuran	5.099	42	1645	1.33	ug/l	88
31) Cyclohexane	5.635	56	4244	0.95	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	17116	4.36	ug/l #	48
37) Ethyl Acetate	4.635	43	11333	3.03	ug/l #	64
38) Carbon Tetrachloride	5.629	117	20806	5.47	ug/l #	16
43) Isopropyl Acetate	6.406	43	21557	3.39	ug/l	99
48) Methyl methacrylate	7.847	41	110825	34.75	ug/l #	35
49) 1,4-Dioxane	7.847	88	213	2.86	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	79746	21.55	ug/l #	47
54) cis-1,3-Dichloropropene	8.594	75	42314	8.32	ug/l #	59
57) 1,3-Dichloropropane	9.524	76	24602	4.95	ug/l #	42
59) 2-Hexanone	9.418	43	10410	3.75	ug/l #	19
76) 1,2,3-Trichloropropane	11.118	75	94117	24.09	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	94117	53.34	ug/l #	12

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

Quant Time: Mar 09 04:24:45 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

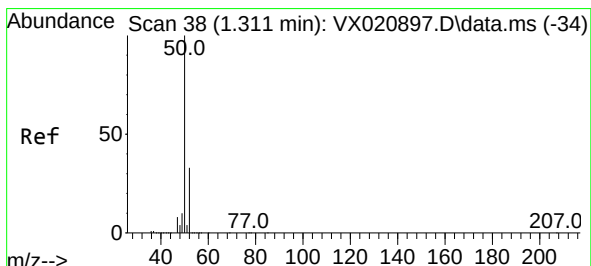
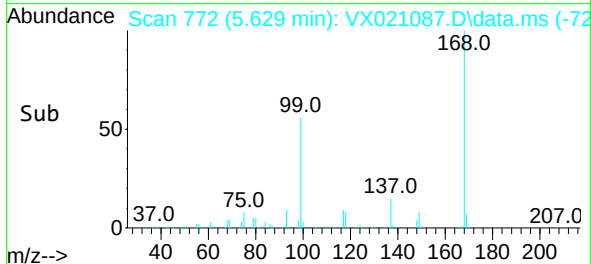
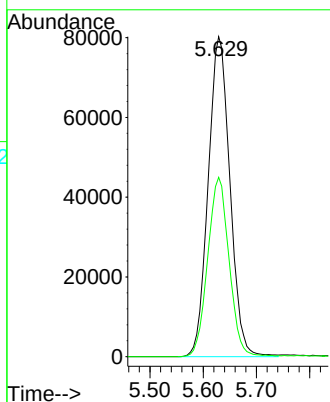
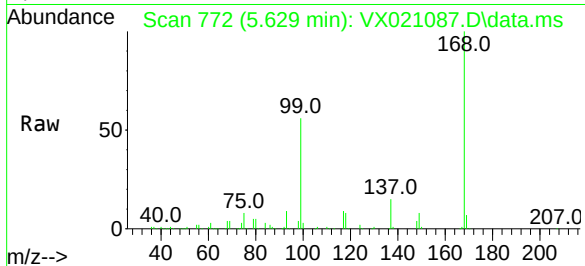




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

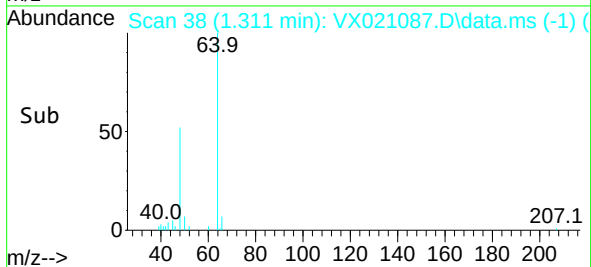
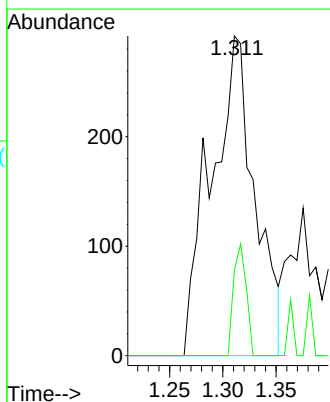
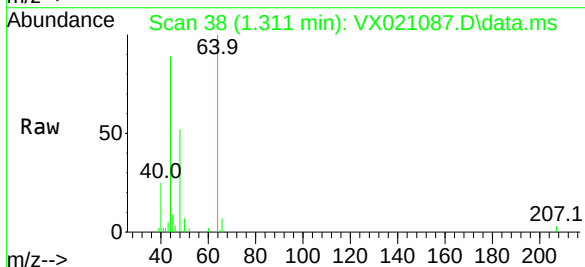
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

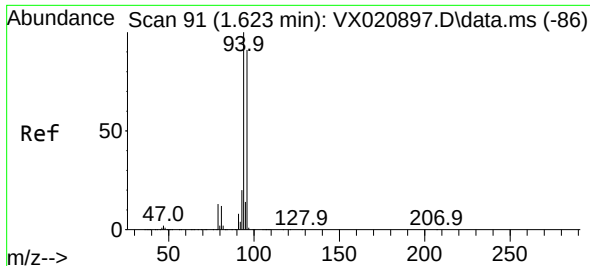
Tgt Ion:168 Resp: 227398
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



#3
Chloromethane
Concen: 0.31 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

Tgt Ion: 50 Resp: 834
Ion Ratio Lower Upper
50 100
52 26.7 26.4 39.6

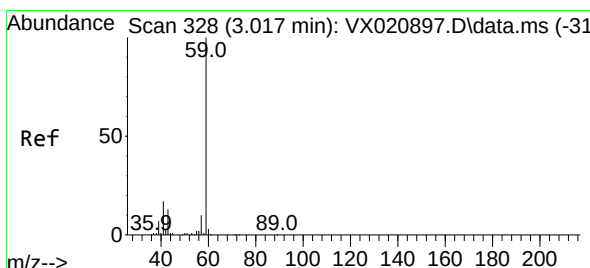
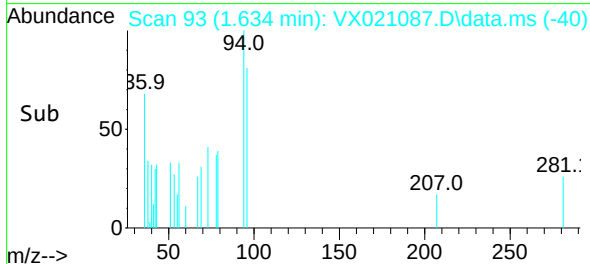
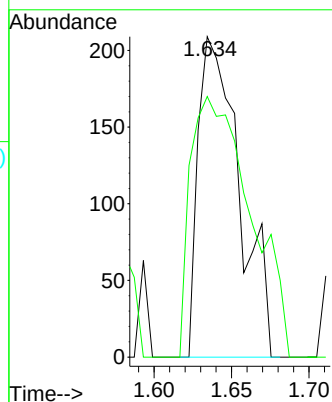
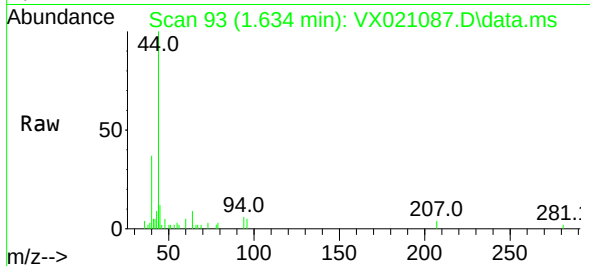




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

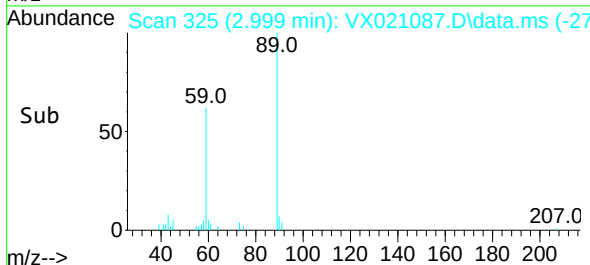
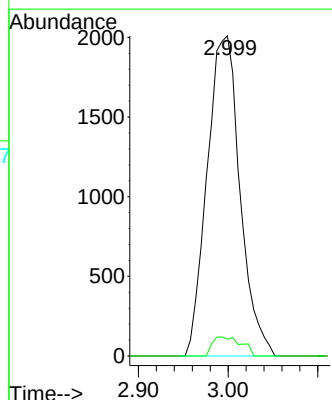
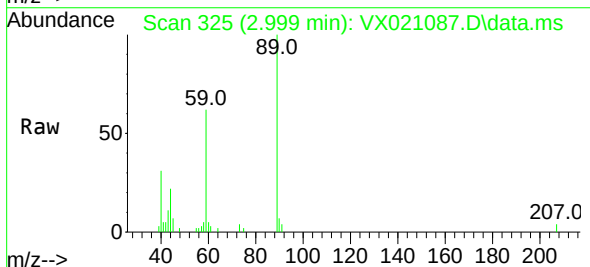
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

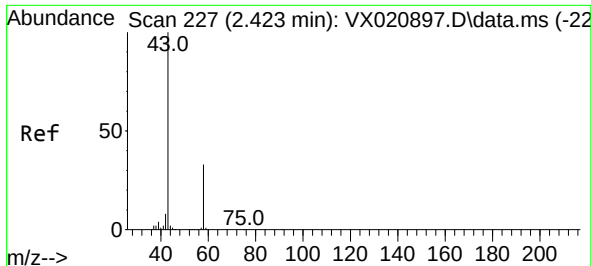
Tgt Ion: 94 Resp: 385
Ion Ratio Lower Upper
94 100
96 81.3 76.4 114.6



#11
Tert butyl alcohol
Concen: 7.49 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

Tgt Ion: 59 Resp: 5120
Ion Ratio Lower Upper
59 100
57 5.3 7.8 11.8#

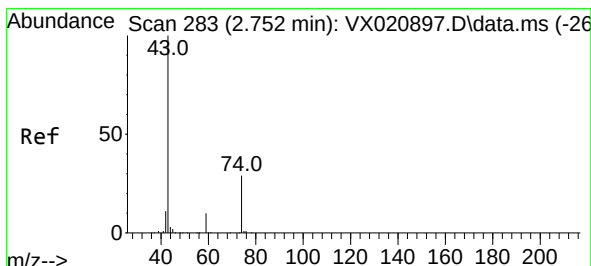
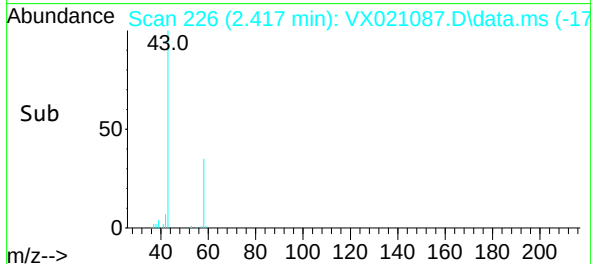
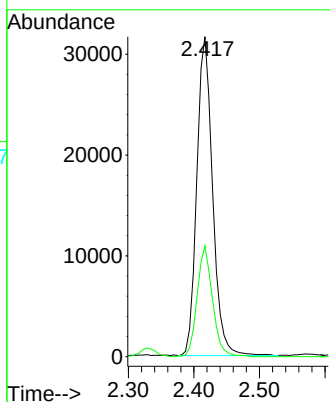
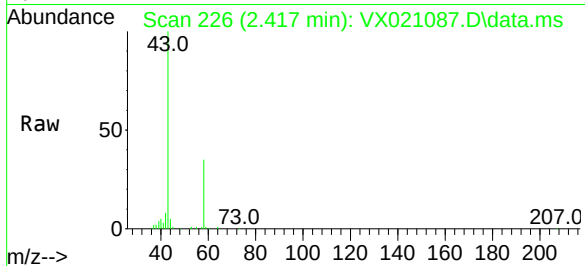




#16
Acetone
Concen: 41.99 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

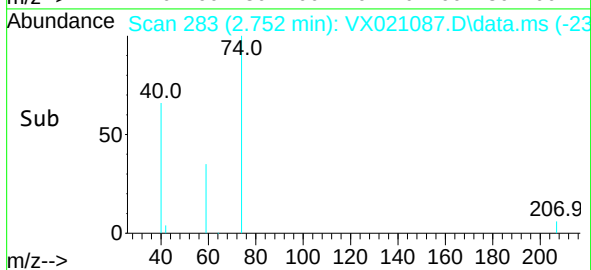
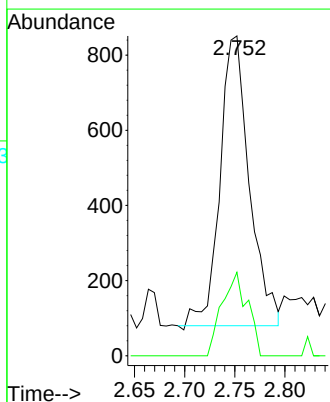
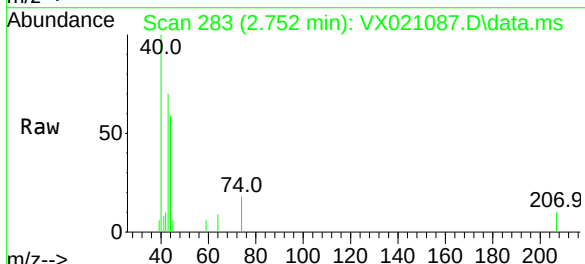
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

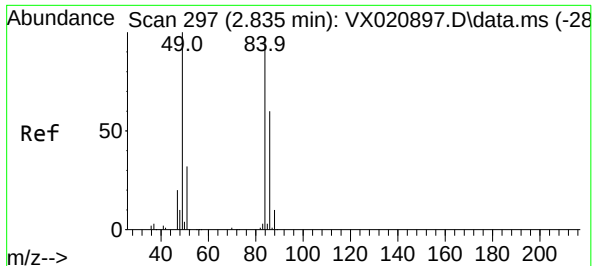
Tgt Ion: 43 Resp: 53138
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
74 24.9 21.9 32.9





#20

Methylene Chloride

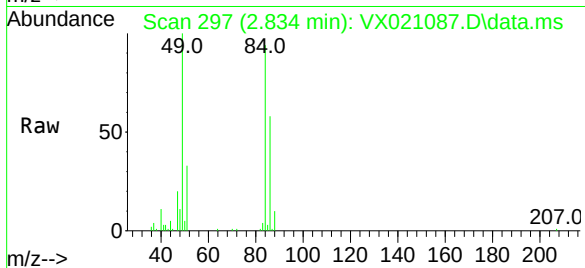
Concen: 5.72 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021087.D

Acq: 09 Mar 2021 01:54



Tgt Ion: 84 Resp: 17359

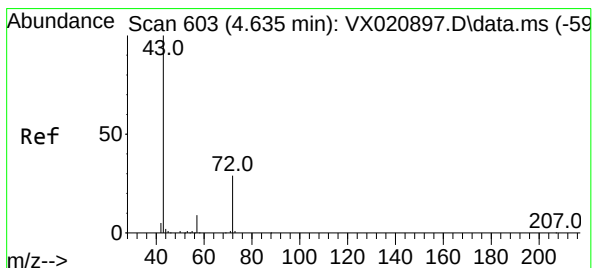
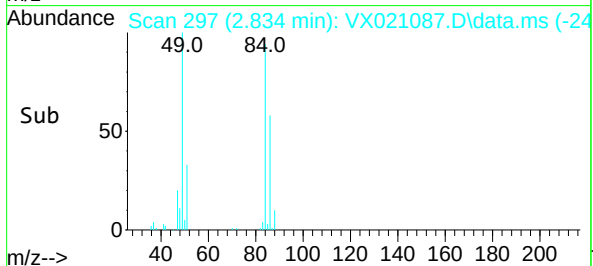
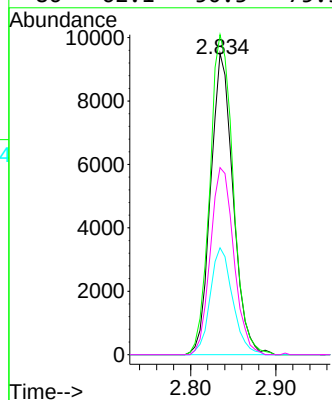
Ion Ratio Lower Upper

84 100

49 106.2 88.6 132.8

51 35.5 27.0 40.6

86 62.1 50.3 75.5



#25

2-Butanone

Concen: 6.00 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.000 min

Lab File: VX021087.D

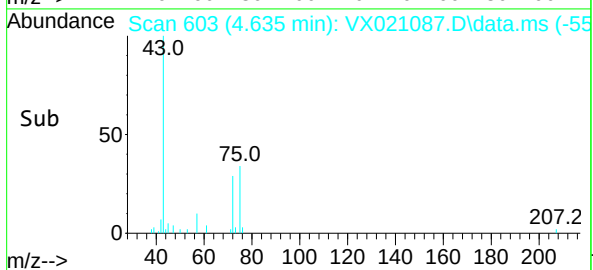
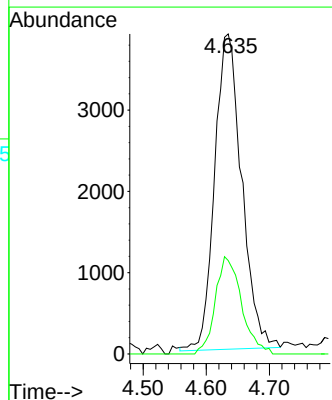
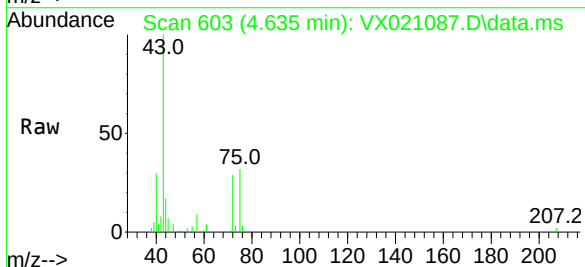
Acq: 09 Mar 2021 01:54

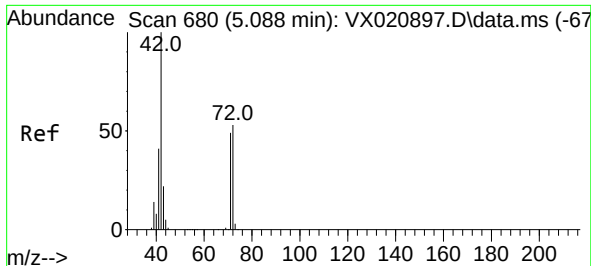
Tgt Ion: 43 Resp: 11543

Ion Ratio Lower Upper

43 100

72 29.8 23.7 35.5





#29

Tetrahydrofuran

Concen: 1.33 ug/l

RT: 5.099 min Scan# 682

Delta R.T. 0.012 min

Lab File: VX021087.D

Acq: 09 Mar 2021 01:54

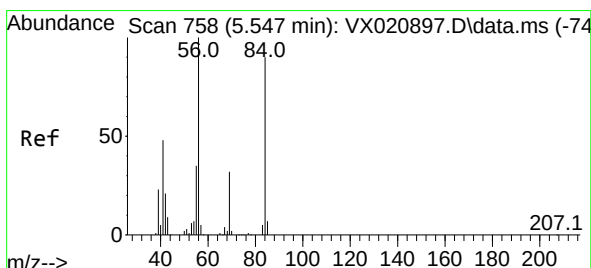
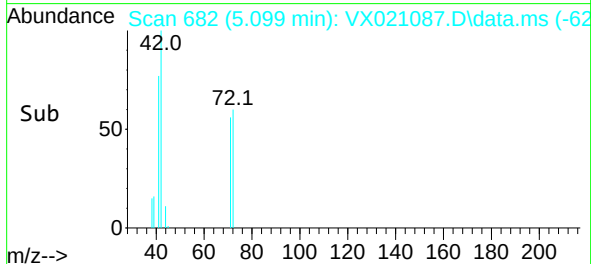
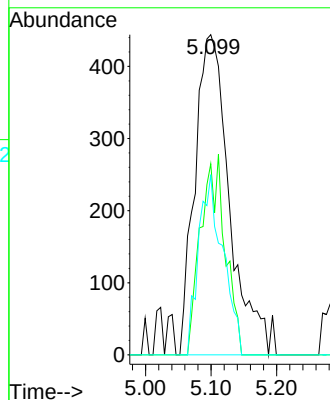
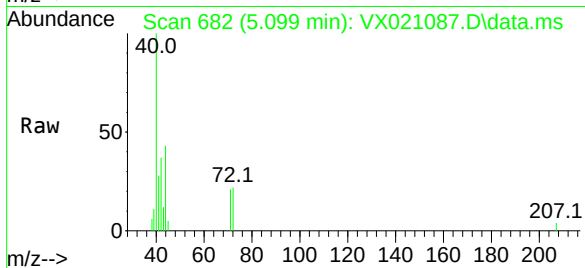
Instrument :

MSVOA_X

ClientSampleId :

PB135028ZHE#05

Tgt Ion:	42	Resp:	1645
Ion	Ratio	Lower	Upper
42	100		
72	43.9	41.7	62.5
71	39.1	38.4	57.6



#31

Cyclohexane

Concen: 0.95 ug/l

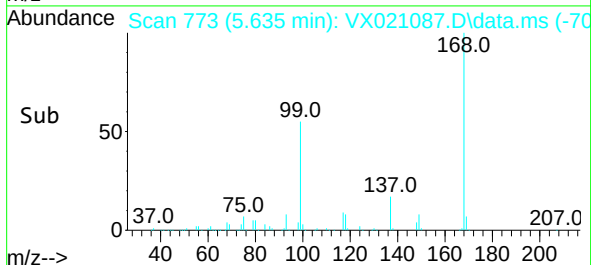
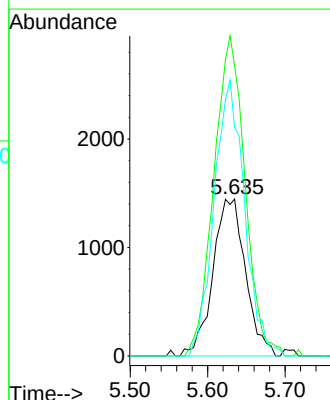
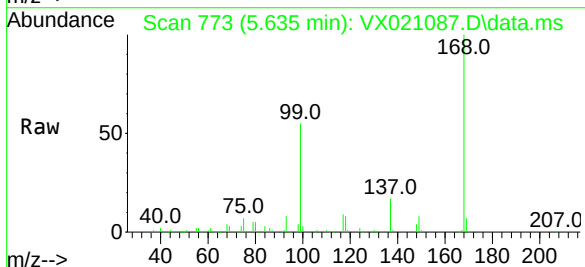
RT: 5.635 min Scan# 773

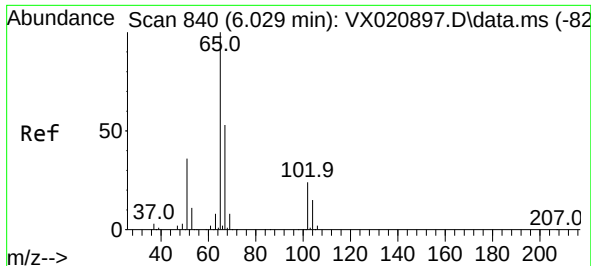
Delta R.T. 0.088 min

Lab File: VX021087.D

Acq: 09 Mar 2021 01:54

Tgt Ion:	56	Resp:	4244
Ion	Ratio	Lower	Upper
56	100		
69	184.9	25.3	37.9#
84	145.7	71.4	107.0#

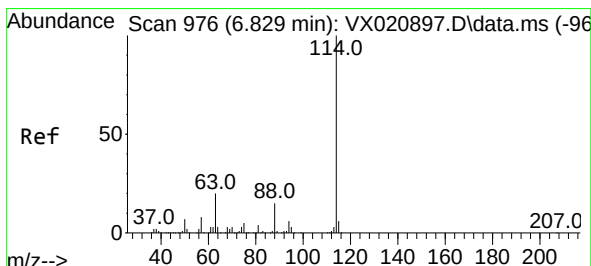
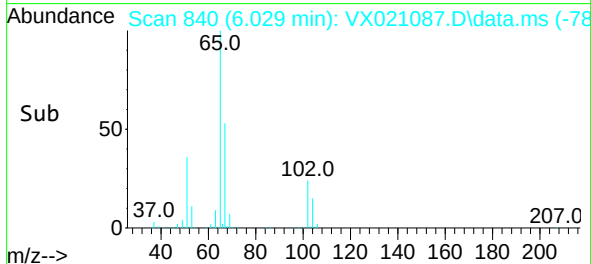
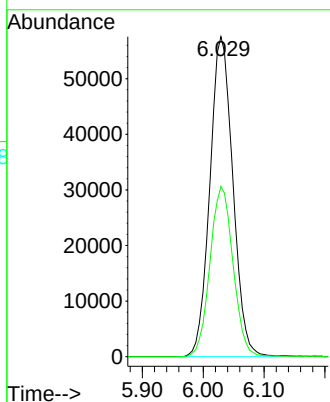
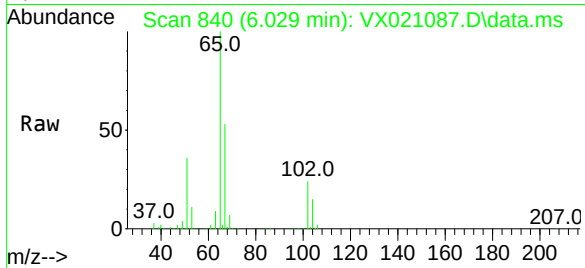




#33
 1,2-Dichloroethane-d4
 Concen: 49.13 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021087.D
 Acq: 09 Mar 2021 01:54

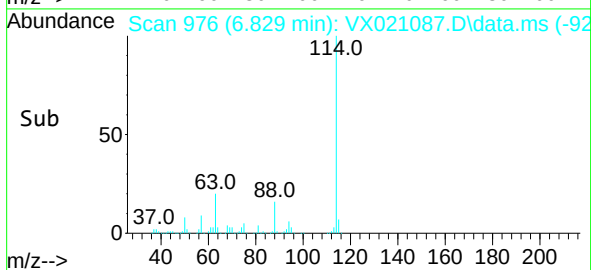
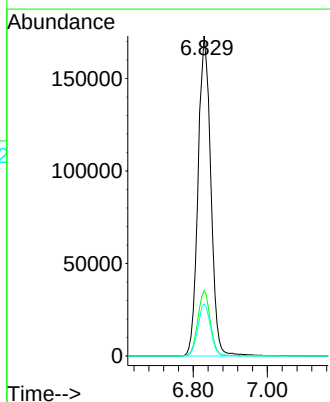
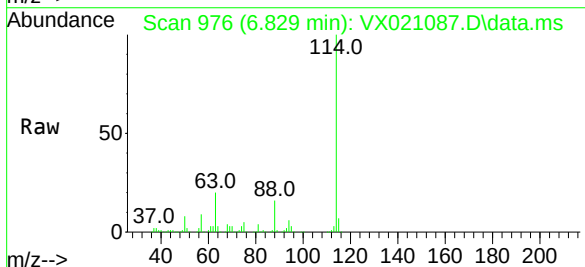
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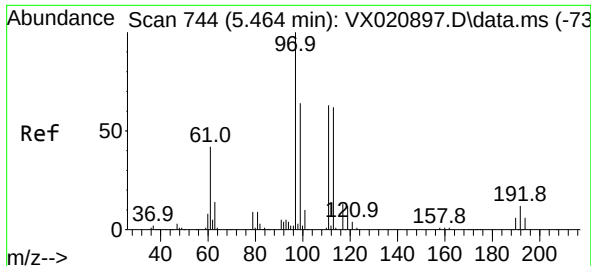
Tgt Ion: 65 Resp: 150906
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021087.D
 Acq: 09 Mar 2021 01:54

Tgt Ion: 114 Resp: 413271
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.3 0.0 32.8

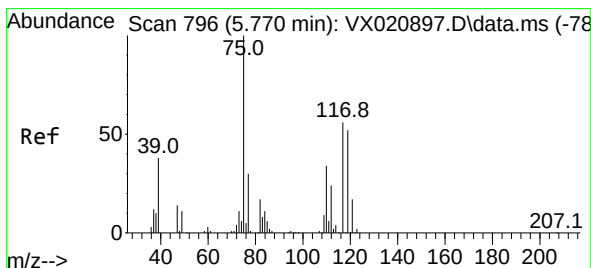
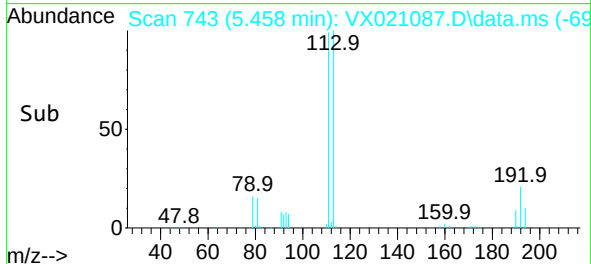
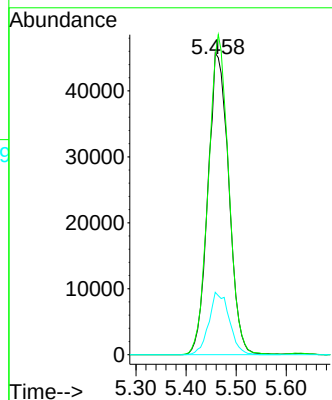
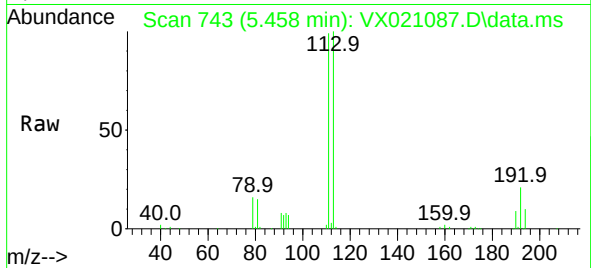




#35
Dibromofluoromethane
Concen: 52.65 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

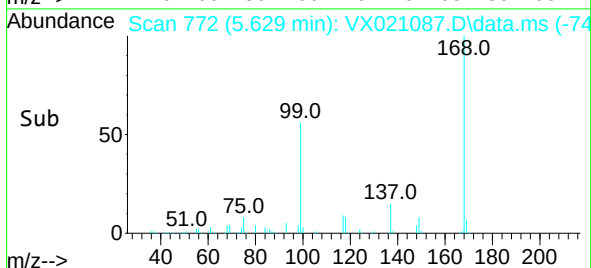
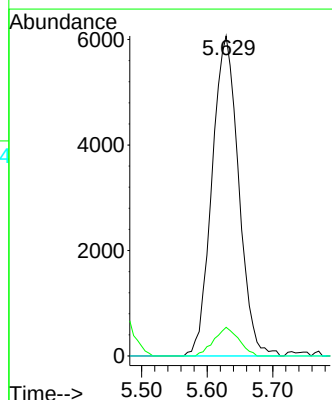
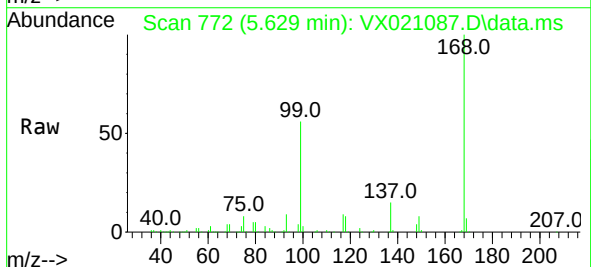
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

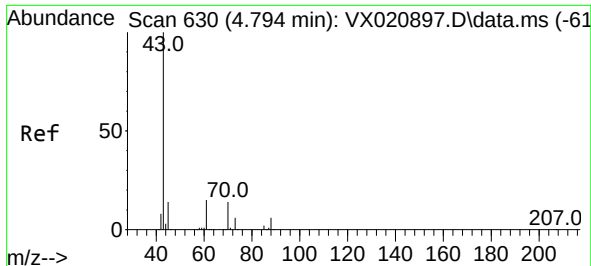
Tgt Ion:113 Resp: 132214
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

Tgt Ion: 75 Resp: 17116
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.03 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.159 min

Lab File: VX021087.D

Acq: 09 Mar 2021 01:54

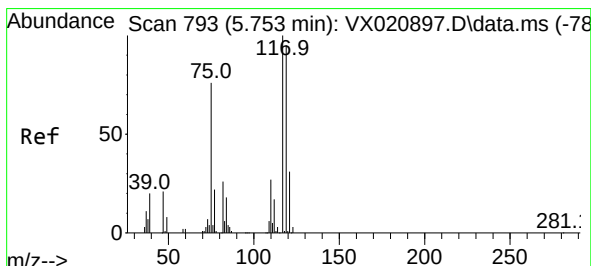
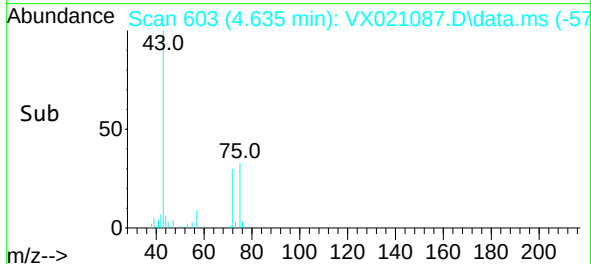
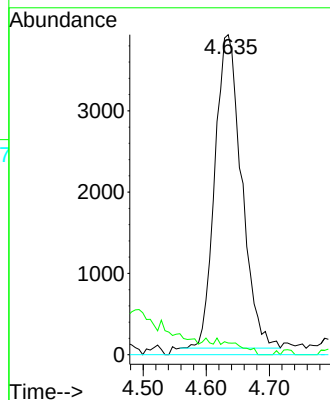
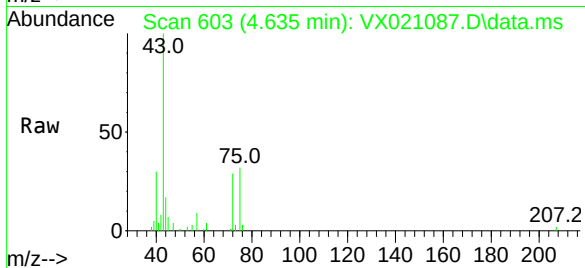
Instrument :

MSVOA_X

ClientSampleId :

PB135028ZHE#05

Tgt Ion: 43	Resp: 11333
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.47 ug/l

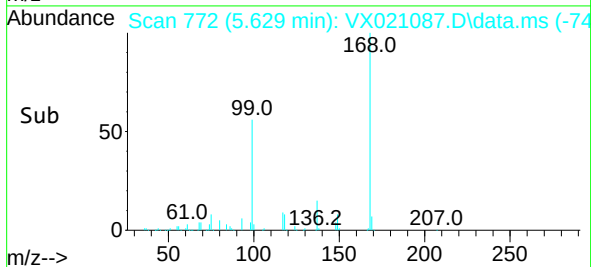
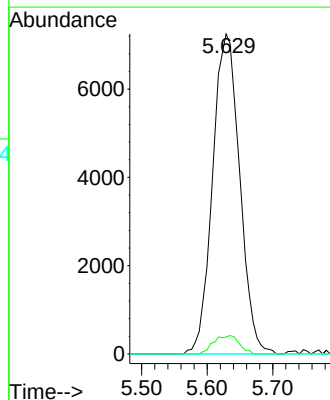
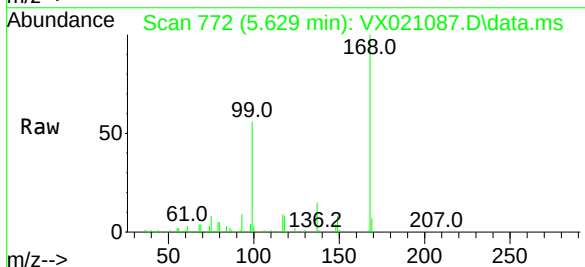
RT: 5.629 min Scan# 772

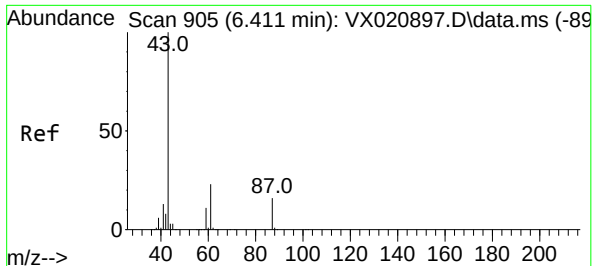
Delta R.T. -0.124 min

Lab File: VX021087.D

Acq: 09 Mar 2021 01:54

Tgt Ion: 117	Resp: 20806
Ion Ratio	Lower Upper
117 100	
119 5.3	76.2 114.2#
121 0.0	24.8 37.2#

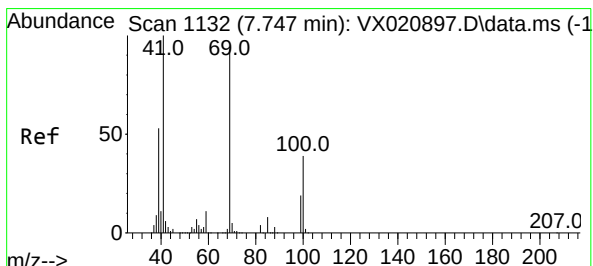
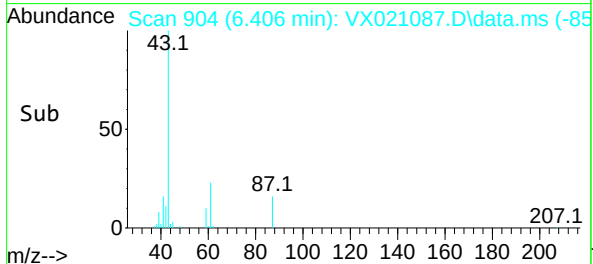
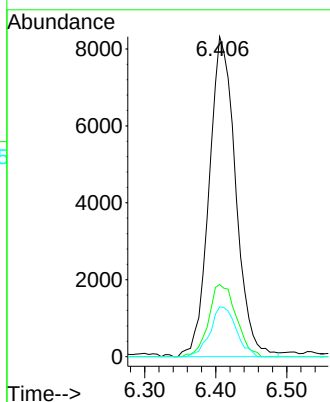
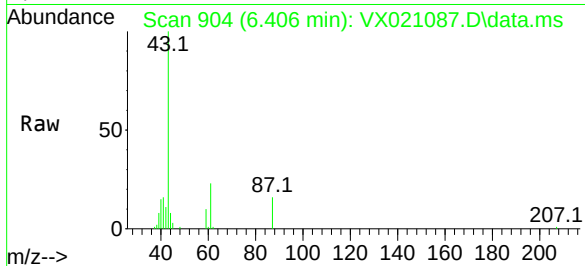




#43
Isopropyl Acetate
Concen: 3.39 ug/l
RT: 6.406 min Scan# 904
Delta R.T. -0.006 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

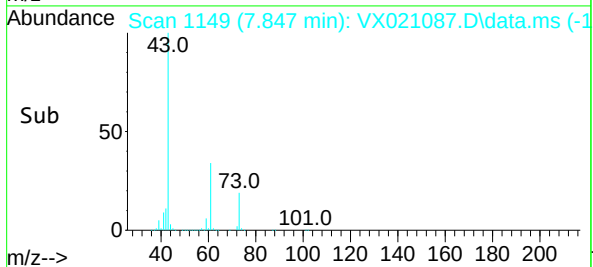
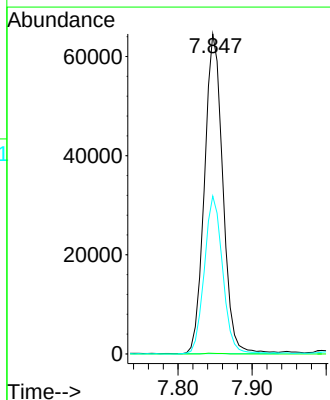
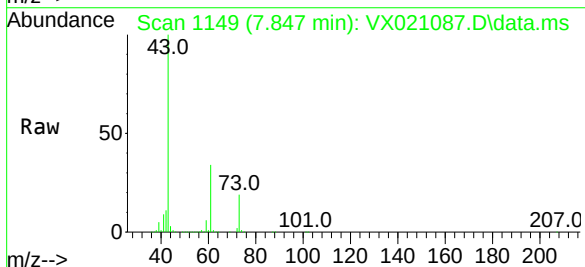
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

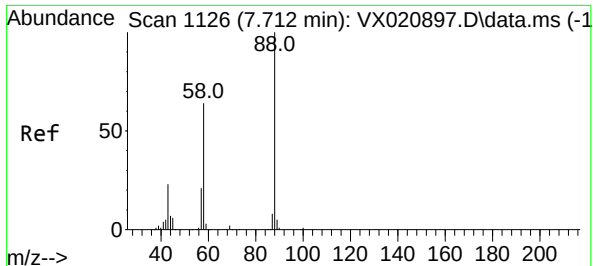
Tgt Ion: 43	Resp: 21557
Ion Ratio	Lower Upper
43 100	
61 23.4	18.2 27.4
87 15.3	12.5 18.7



#48
Methyl methacrylate
Concen: 34.75 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.100 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

Tgt Ion: 41	Resp: 110825
Ion Ratio	Lower Upper
41 100	
69 0.2	76.0 114.0#
39 49.7	44.6 67.0





#49

1,4-Dioxane

Concen: 2.86 ug/l

RT: 7.847 min Scan# 1149

Delta R.T. 0.135 min

Lab File: VX021087.D

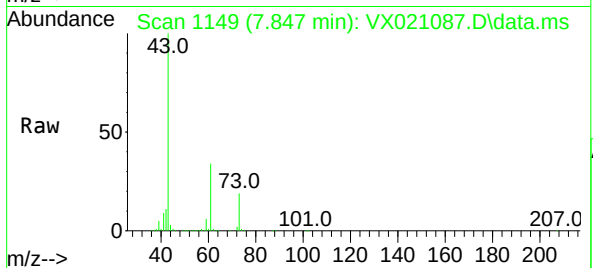
Acq: 09 Mar 2021 01:54

Instrument :

MSVOA_X

ClientSampleId :

PB135028ZHE#05



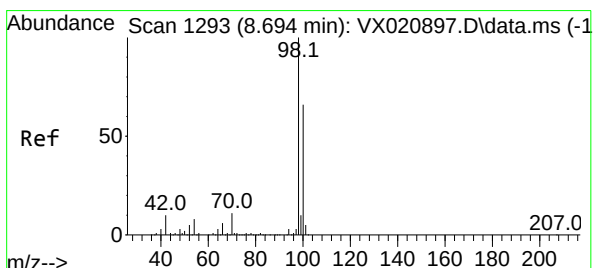
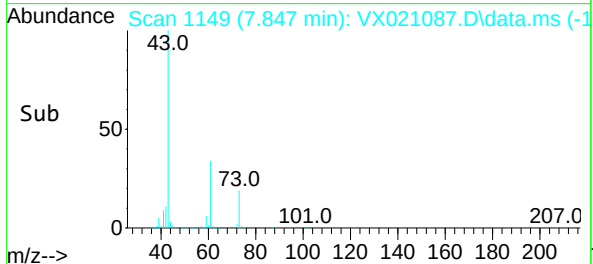
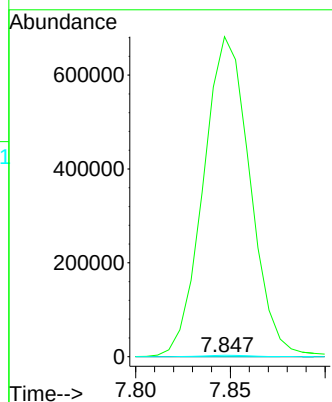
Tgt Ion: 88 Resp: 213

Ion Ratio Lower Upper

88 100

43 555019.7 23.2 34.8#

58 2578.4 55.0 82.4#



#50

Toluene-d8

Concen: 53.62 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021087.D

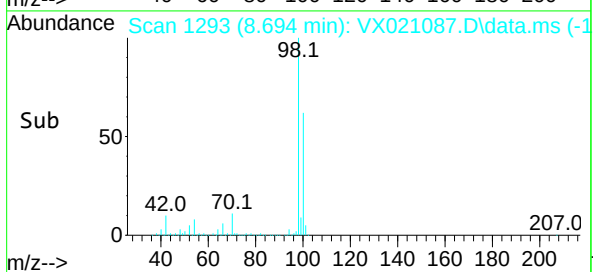
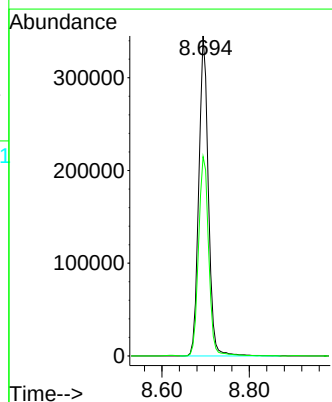
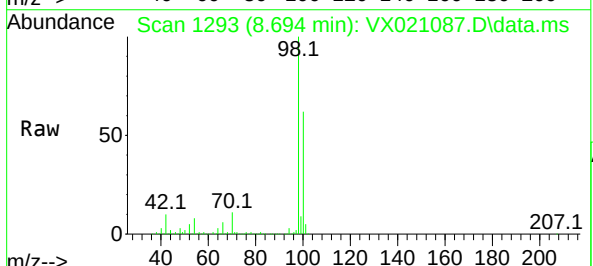
Acq: 09 Mar 2021 01:54

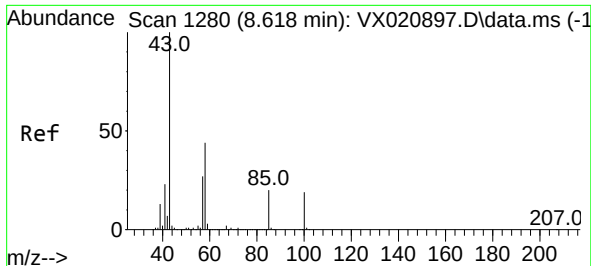
Tgt Ion: 98 Resp: 524928

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9

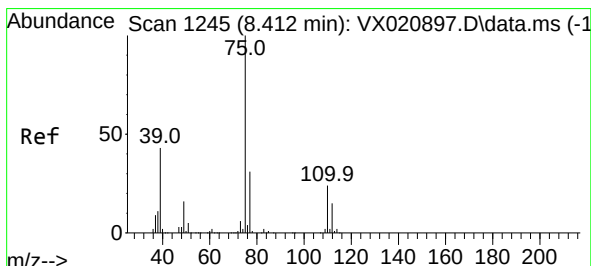
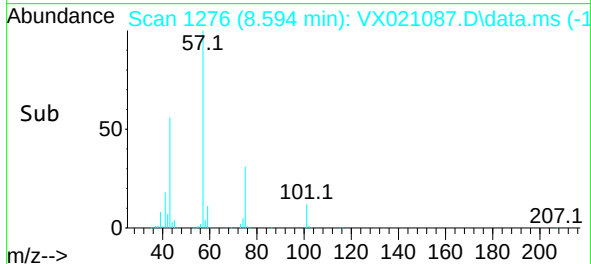
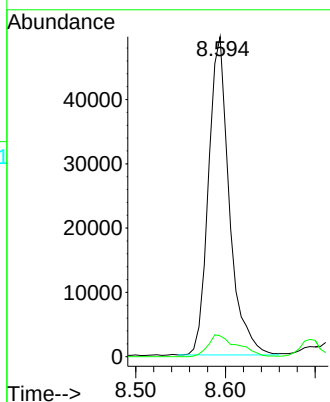
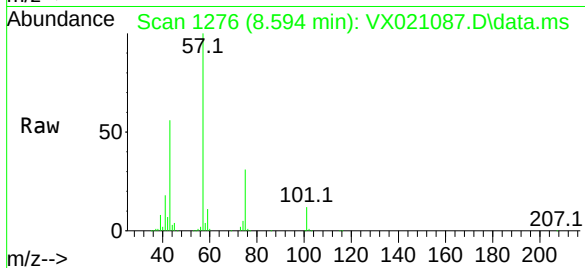




#51
4-Methyl-2-Pentanone
Concen: 21.55 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

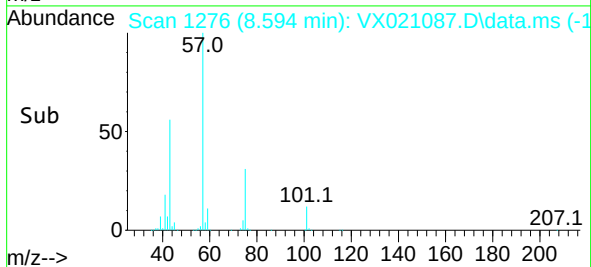
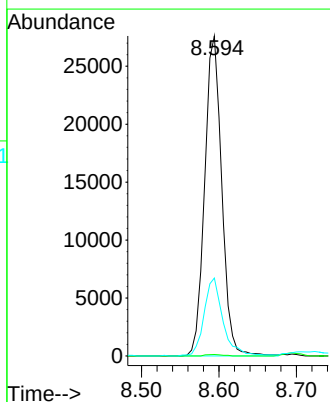
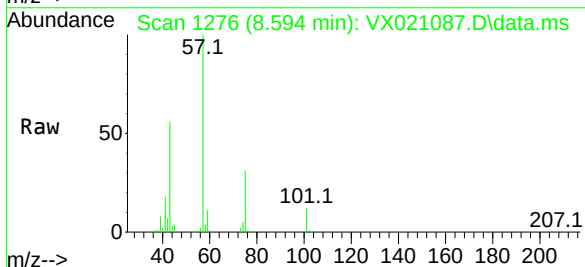
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

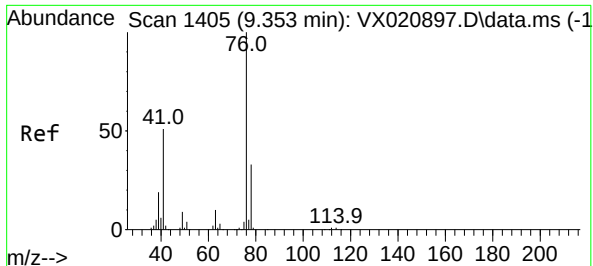
Tgt Ion: 43 Resp: 79746
Ion Ratio Lower Upper
43 100
58 9.7 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 8.32 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

Tgt Ion: 75 Resp: 42314
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 24.4 35.1 52.7#

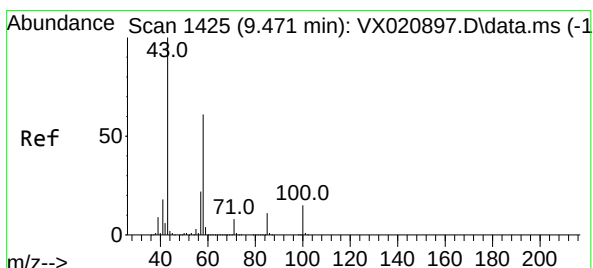
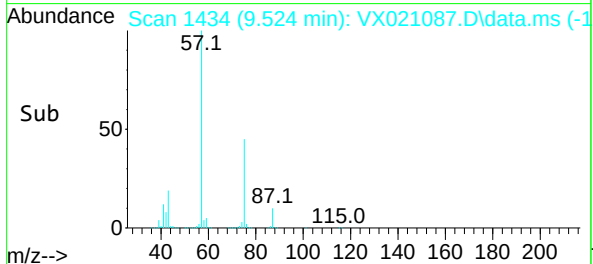
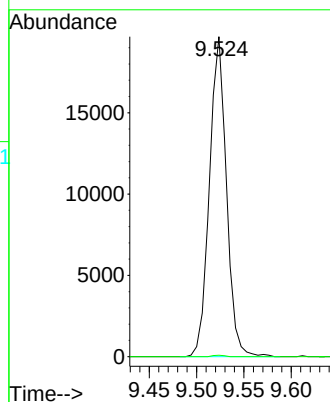
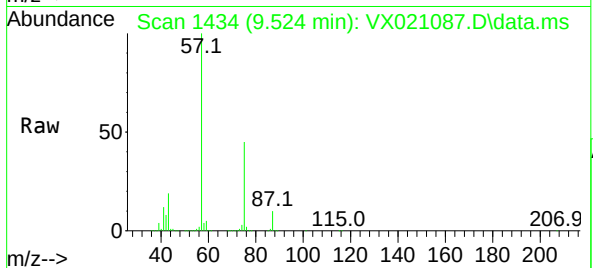




#57
1,3-Dichloropropane
Concen: 4.95 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.171 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

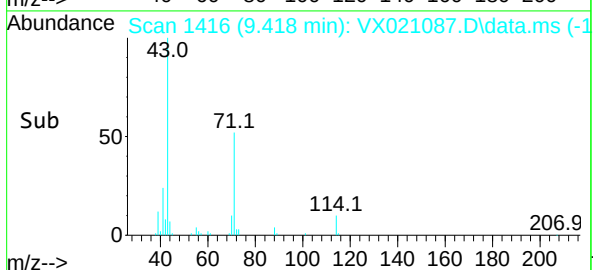
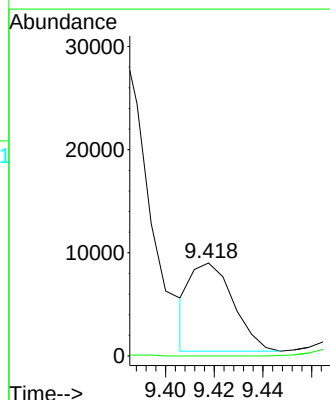
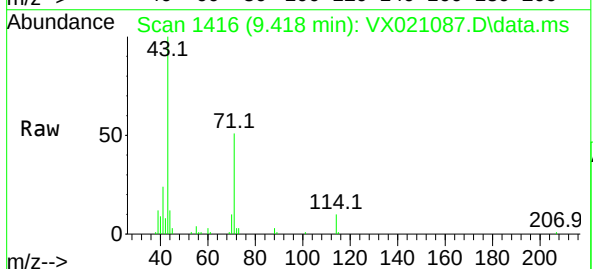
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

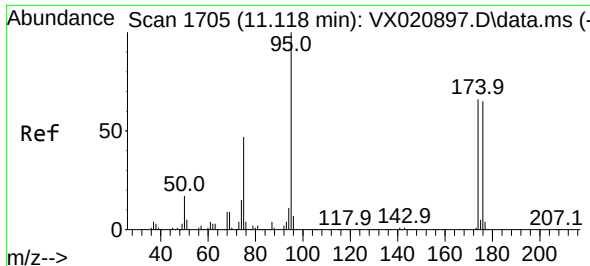
Tgt Ion: 76 Resp: 24602
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#



#59
2-Hexanone
Concen: 3.75 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

Tgt Ion: 43 Resp: 10410
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

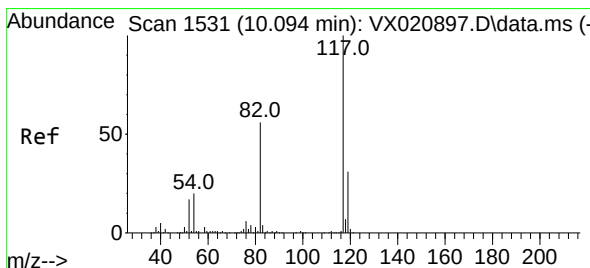
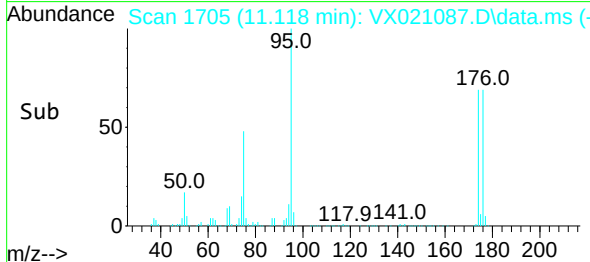
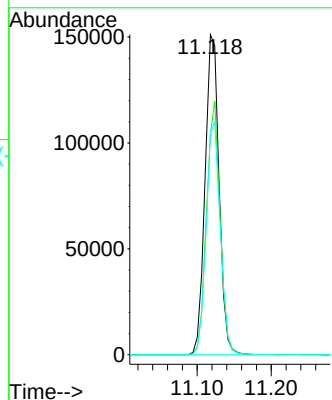
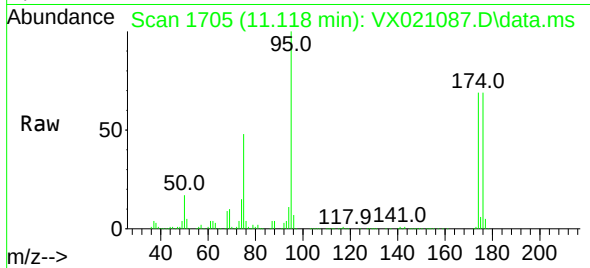




#62
4-Bromofluorobenzene
Concen: 54.91 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

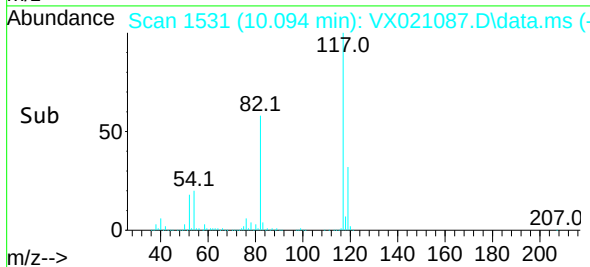
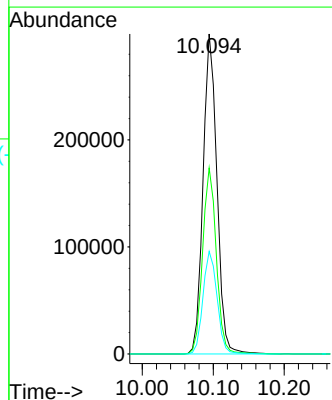
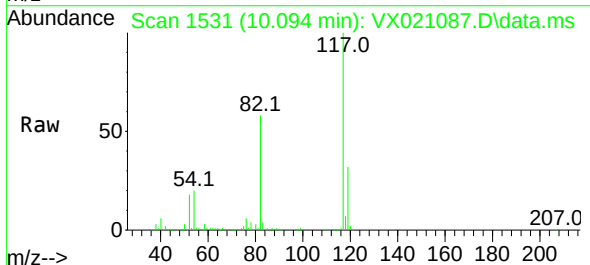
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

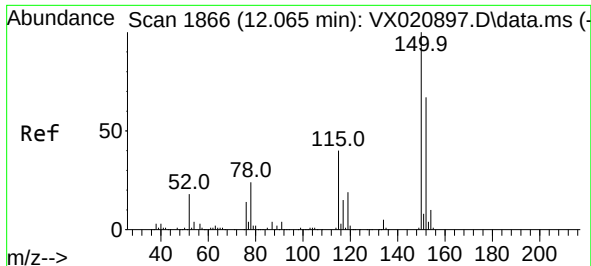
Tgt Ion: 95 Resp: 198791
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 73.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

Tgt Ion: 117 Resp: 406804
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.1 26.6 39.8

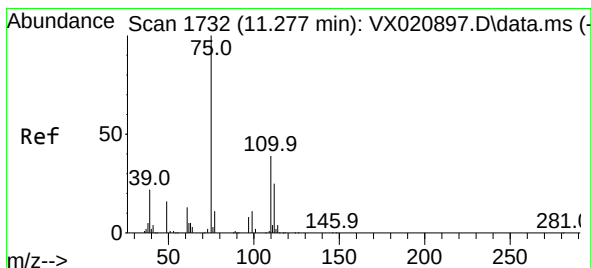
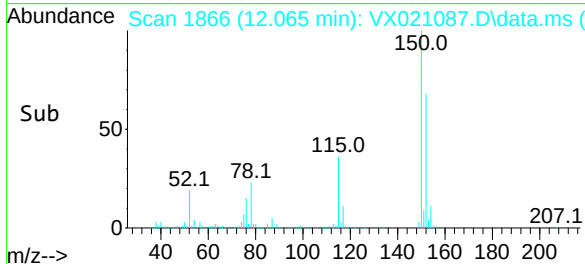
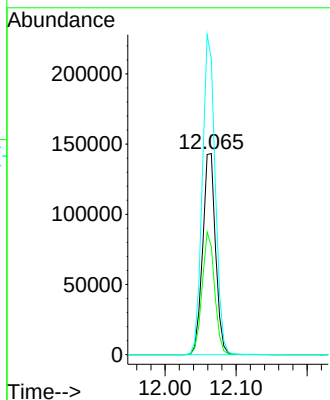
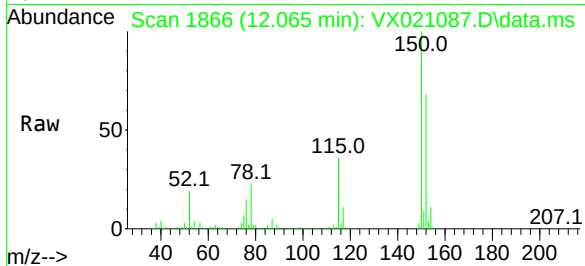




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

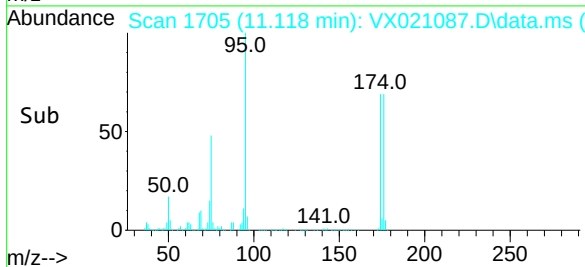
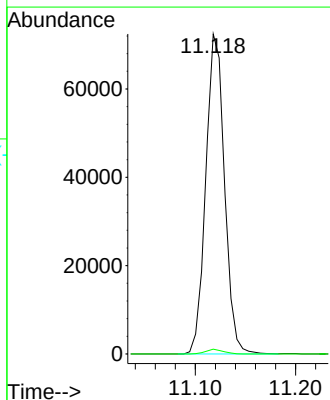
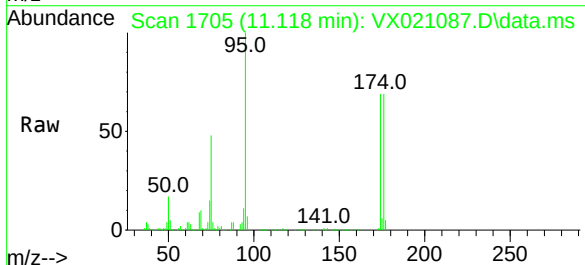
Instrument :
MSVOA_X
ClientSampleId :
PB135028ZHE#05

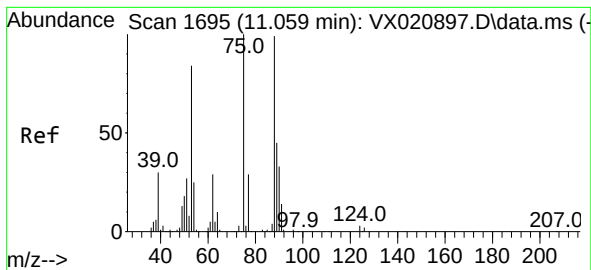
Tgt Ion:152 Resp: 181608
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 158.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021087.D
Acq: 09 Mar 2021 01:54

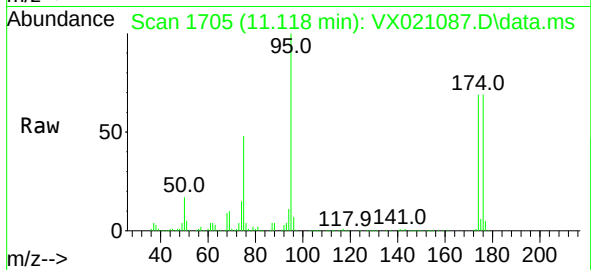
Tgt Ion: 75 Resp: 94117
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.34 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021087.D
 Acq: 09 Mar 2021 01:54

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135028ZHE#05



Tgt Ion:	75	Resp:	94117
Ion Ratio	Lower	Upper	
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

