

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021064.D
 Acq On : 08 Mar 2021 16:22
 Operator : JC/MD
 Sample : M1596-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20210305

Quant Time: Mar 09 01:06:53 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)

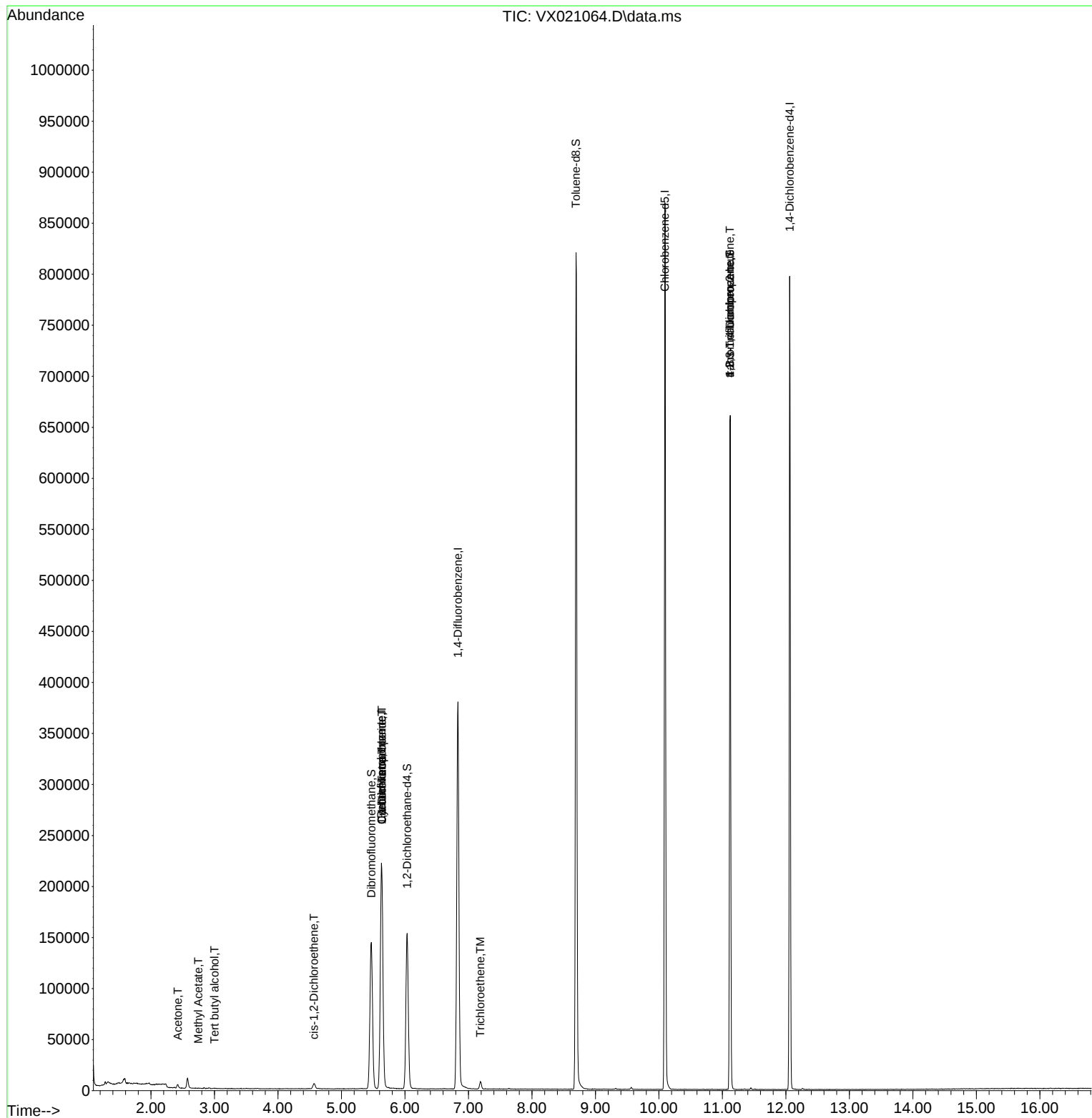
Internal Standards						
1) Pentafluorobenzene	5.629	168	221449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	401534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	406396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	166464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	145351	48.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.18%		
35) Dibromofluoromethane	5.470	113	128264	52.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.16%		
50) Toluene-d8	8.694	98	506116	53.21	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.42%		
62) 4-Bromofluorobenzene	11.118	95	184586	52.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.96%		
Target Compounds						
5) Bromomethane	1.640	94	231	Below Cal	#	70
11) Tert butyl alcohol	2.999	59	231	0.35 ug/l	#	73
16) Acetone	2.423	43	3399	2.76 ug/l		99
18) Methyl Acetate	2.746	43	719	0.25 ug/l	#	68
27) cis-1,2-Dichloroethene	4.564	96	3450	1.08 ug/l		96
31) Cyclohexane	5.635	56	4202	0.97 ug/l	#	1
36) 1,1-Dichloropropene	5.635	75	16787	4.40 ug/l	#	48
38) Carbon Tetrachloride	5.635	117	20966	5.67 ug/l	#	16
44) Trichloroethene	7.188	130	2949	0.98 ug/l		90
76) 1,2,3-Trichloropropane	11.118	75	88924	24.83 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	88924	54.98 ug/l	#	12

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

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Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210305

Quant Time: Mar 09 01:06:53 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

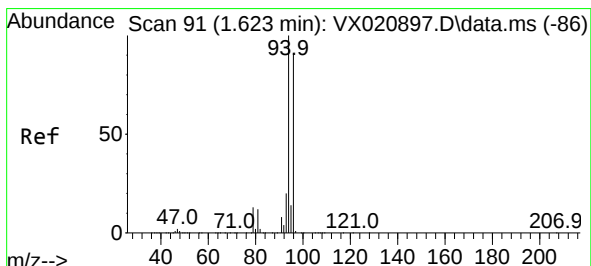
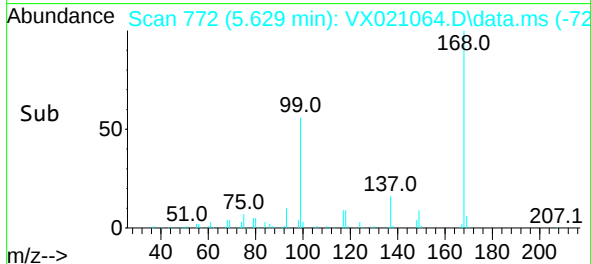
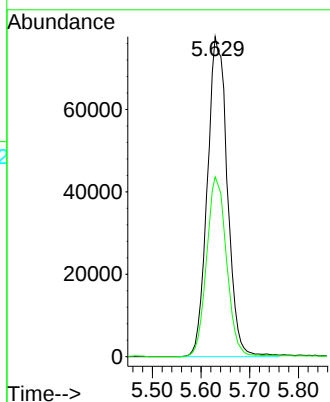
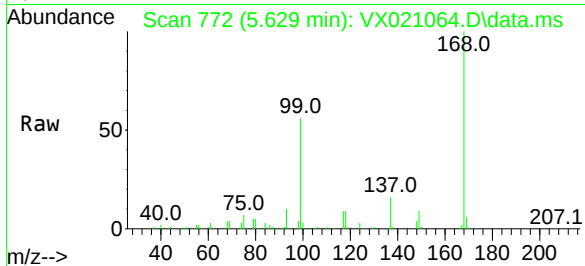




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

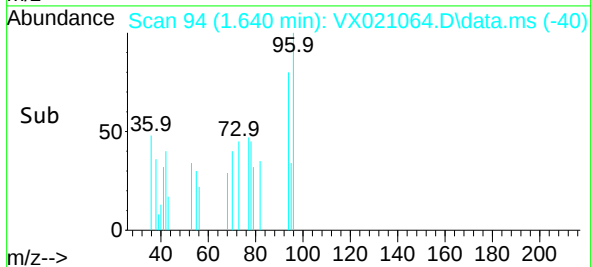
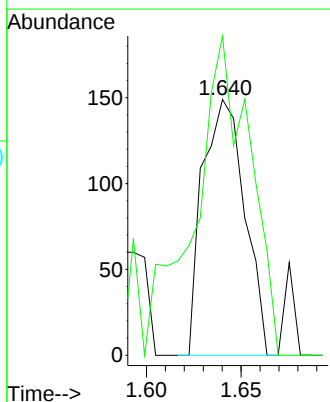
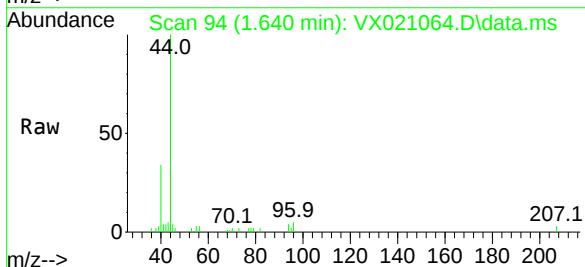
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210305

Tgt Ion:168 Resp: 221449
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 124.8 76.4 114.6#

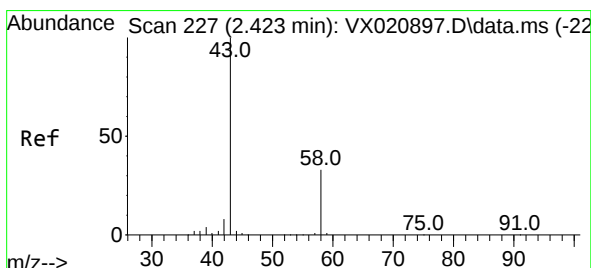
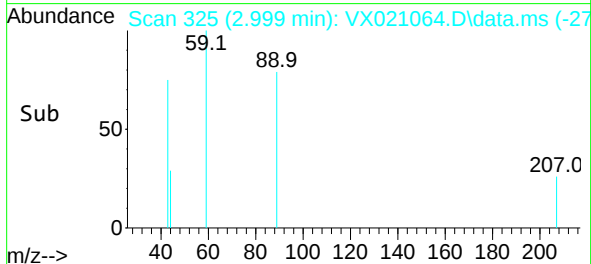
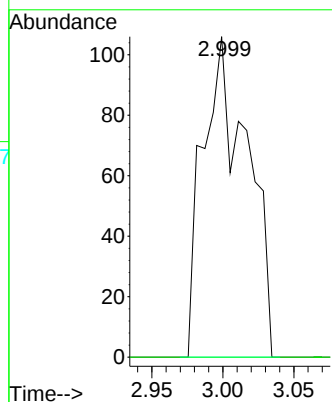
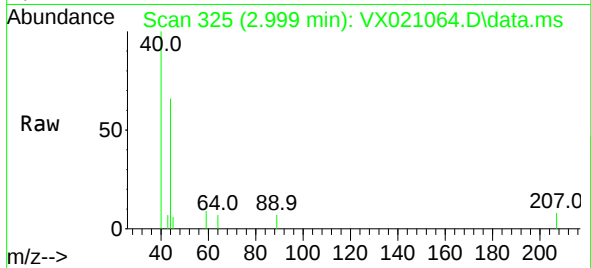




#11
Tert butyl alcohol
Concen: 0.35 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

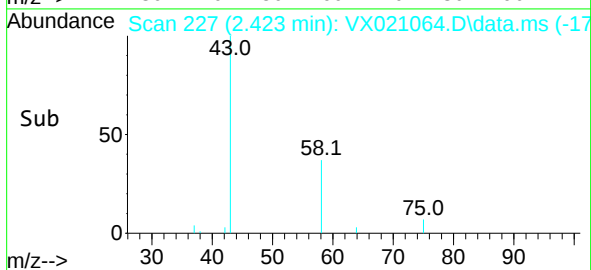
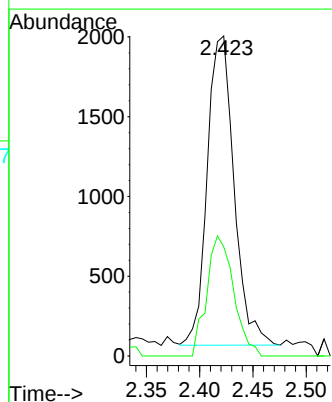
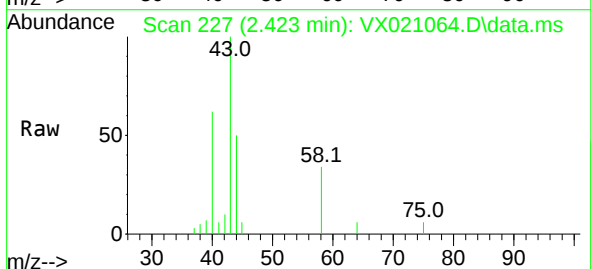
Instrument :
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ClientSampleId :
MH-121.5N-20210305

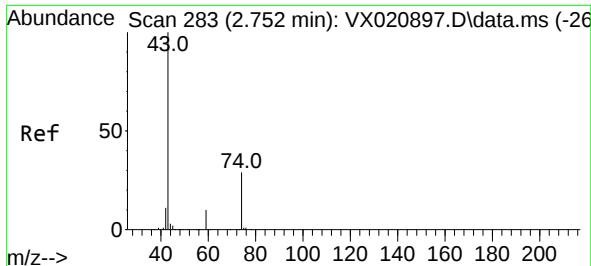
Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.76 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

Tgt Ion: 43 Resp: 3399
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8

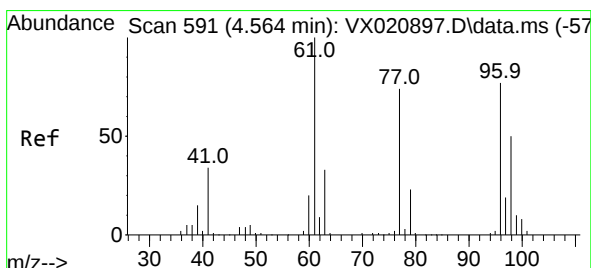
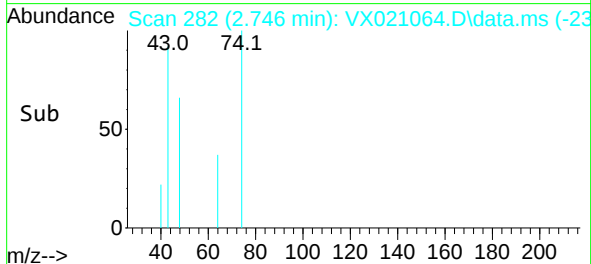
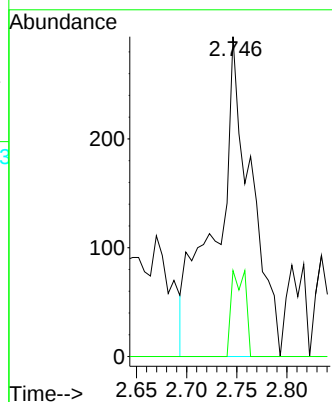
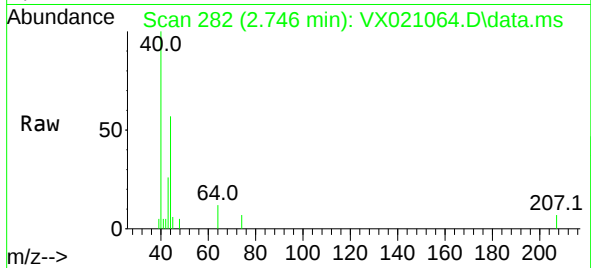




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

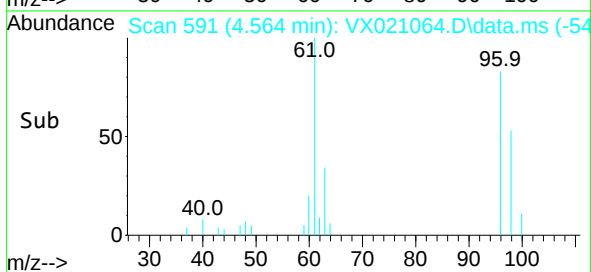
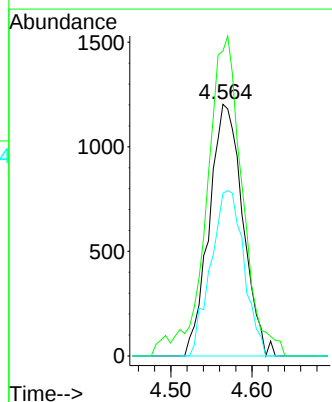
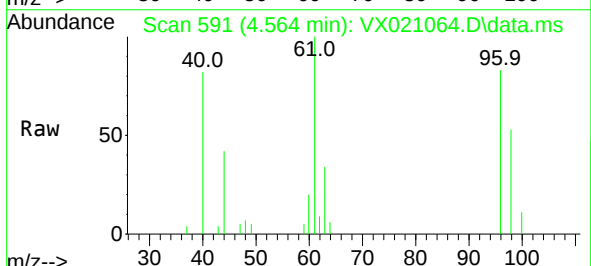
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210305

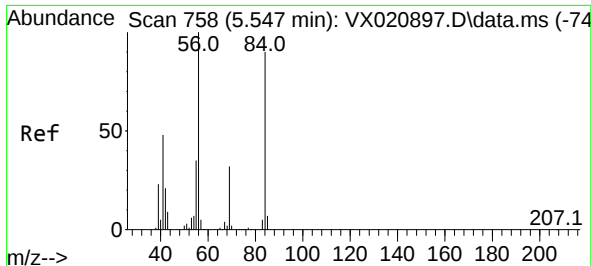
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
74 10.7 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 1.08 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

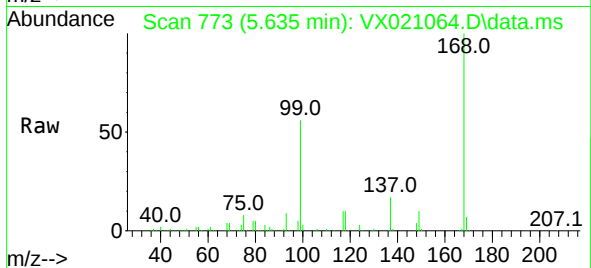
Tgt Ion: 96 Resp: 3450
Ion Ratio Lower Upper
96 100
61 135.1 0.0 285.6
98 64.8 0.0 129.6



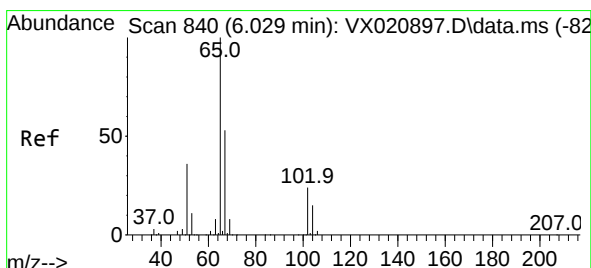
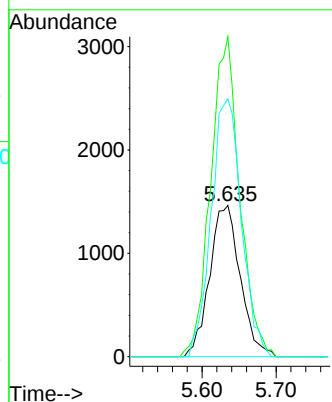
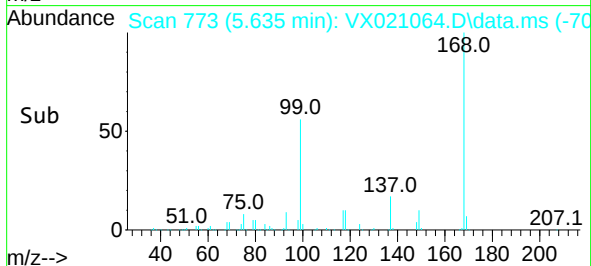


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

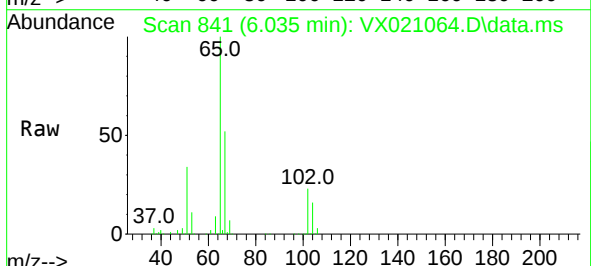
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210305



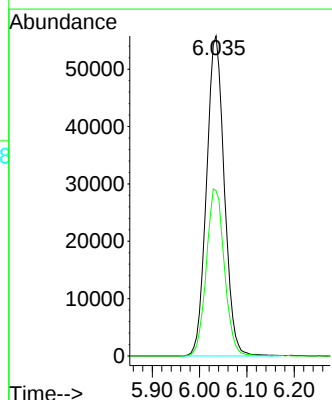
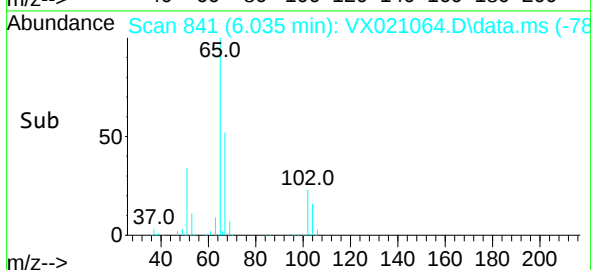
Tgt Ion: 56 Resp: 4202
Ion Ratio Lower Upper
56 100
69 211.6 25.3 37.9#
84 170.5 71.4 107.0#

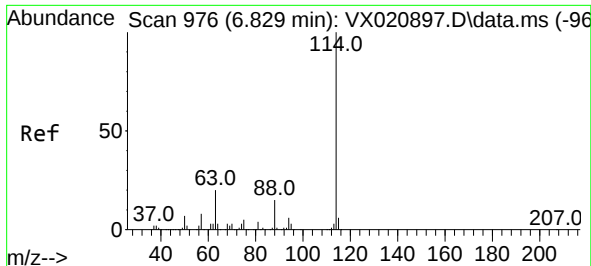


#33
1,2-Dichloroethane-d4
Concen: 48.59 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22



Tgt Ion: 65 Resp: 145351
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

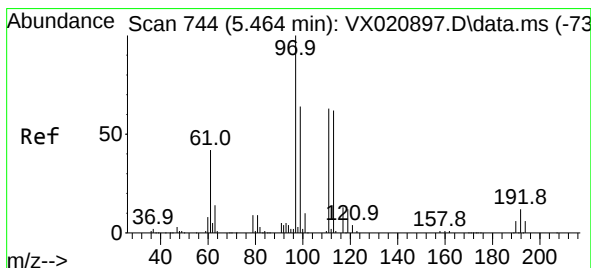
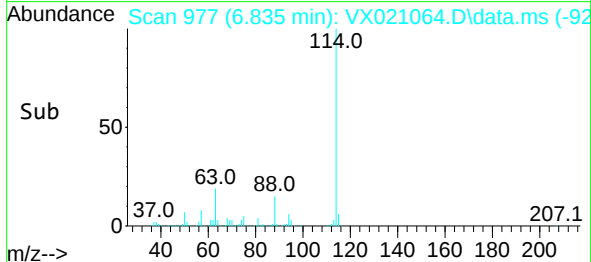
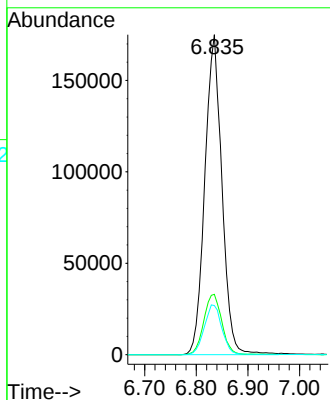
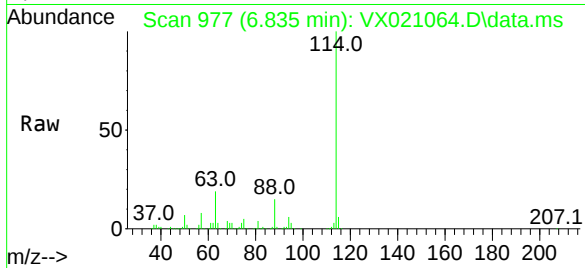




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

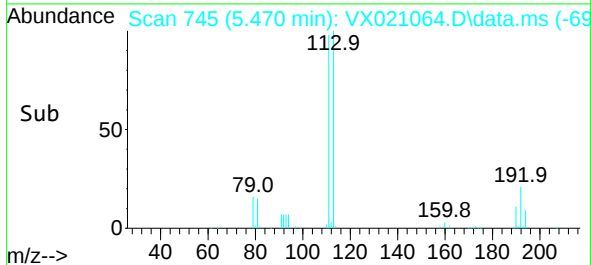
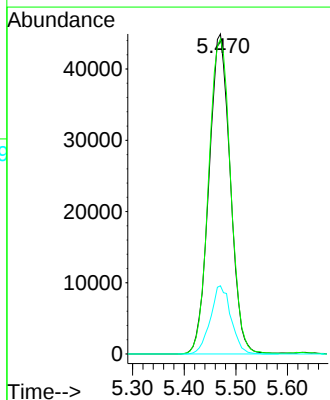
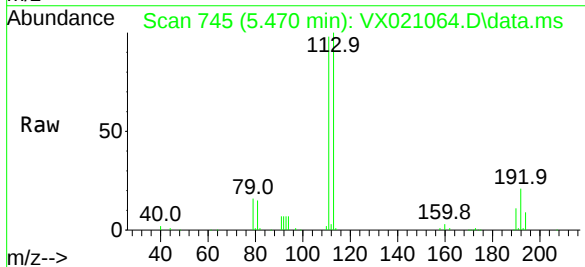
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210305

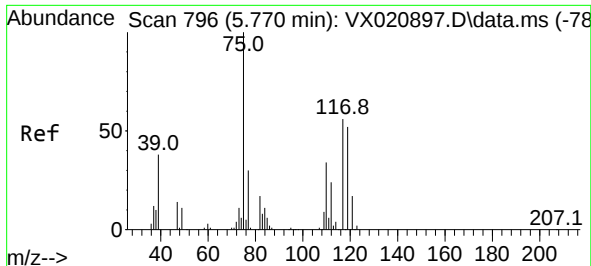
Tgt Ion:114 Resp: 401534
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.58 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

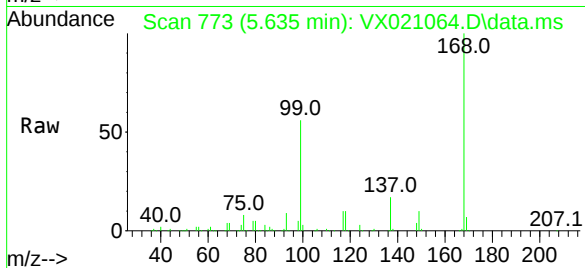
Tgt Ion:113 Resp: 128264
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 20.7 16.7 25.1



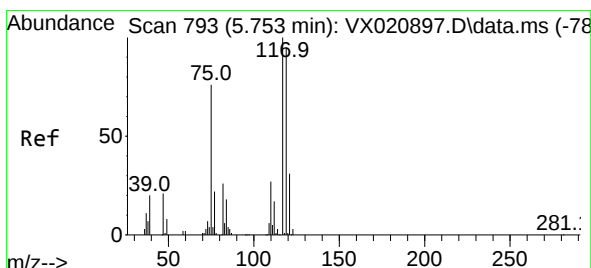
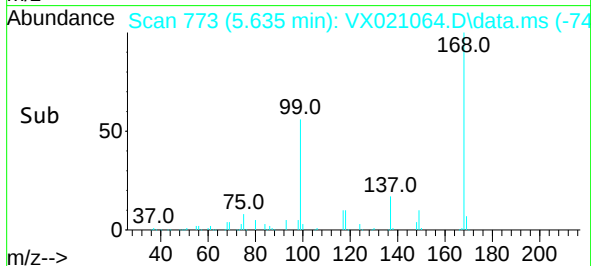
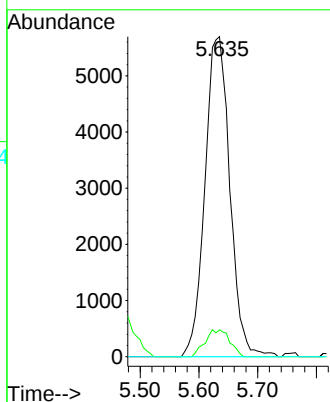


#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

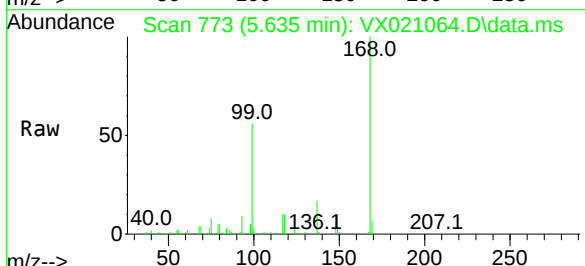
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210305



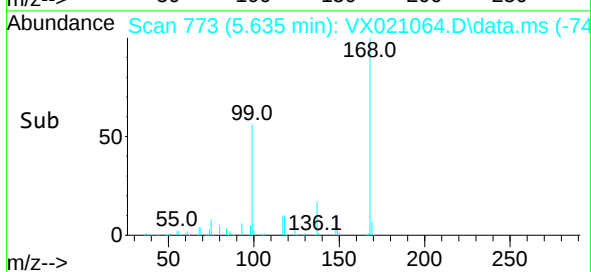
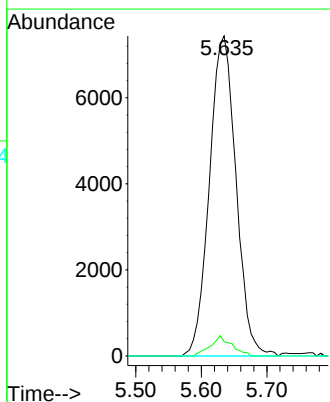
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.4#
77	0.0	25.3	37.9#

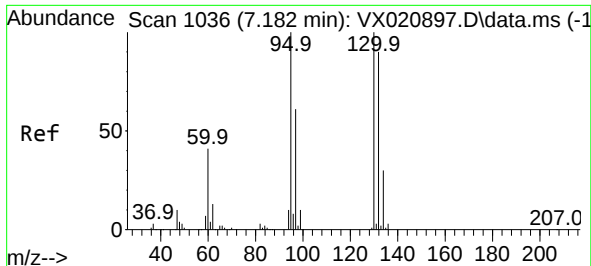


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22



Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#

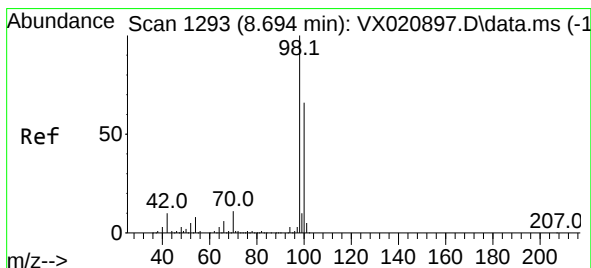
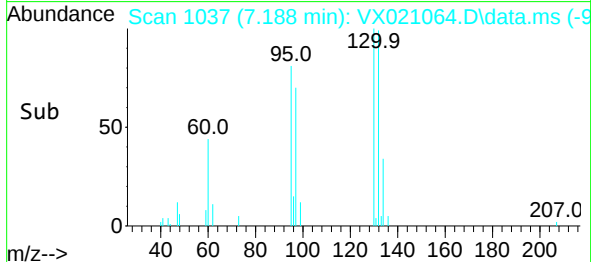
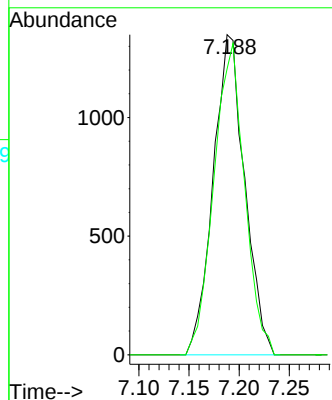
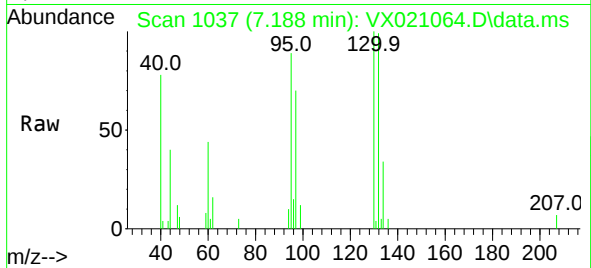




#44
Trichloroethene
Concen: 0.98 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

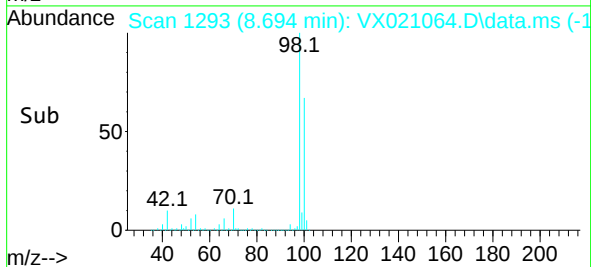
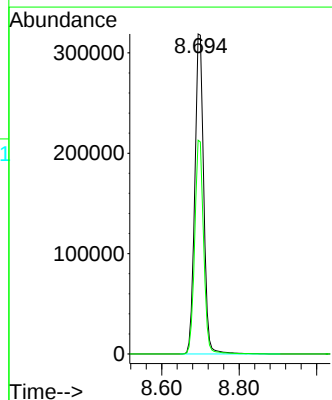
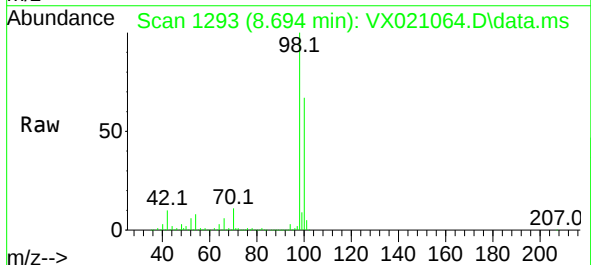
Instrument :
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MH-121.5N-20210305

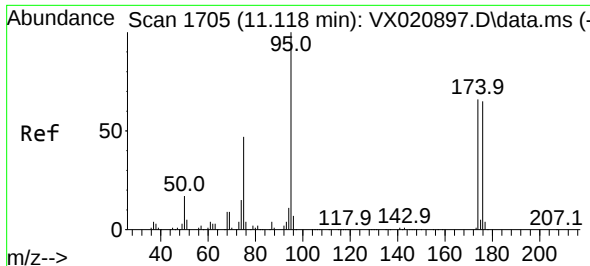
Tgt Ion:130 Resp: 2949
Ion Ratio Lower Upper
130 100
95 89.3 0.0 198.0



#50
Toluene-d8
Concen: 53.21 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

Tgt Ion: 98 Resp: 506116
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9

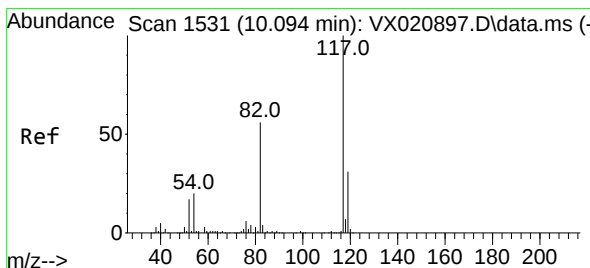
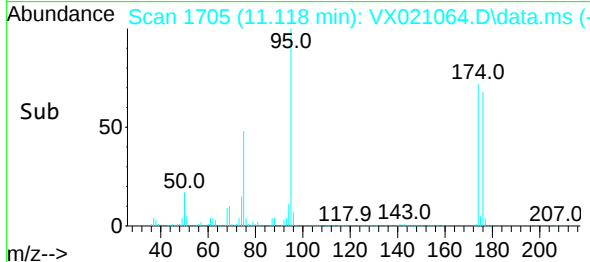
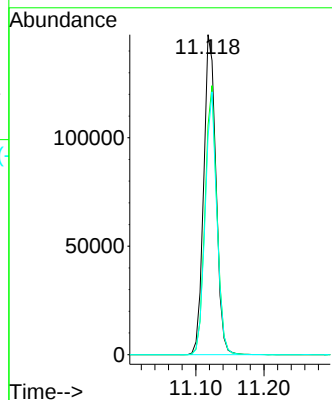
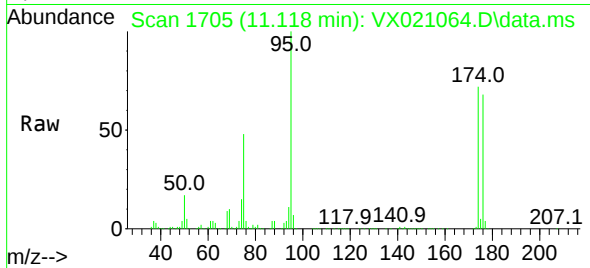




#62
4-Bromofluorobenzene
Concen: 52.48 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

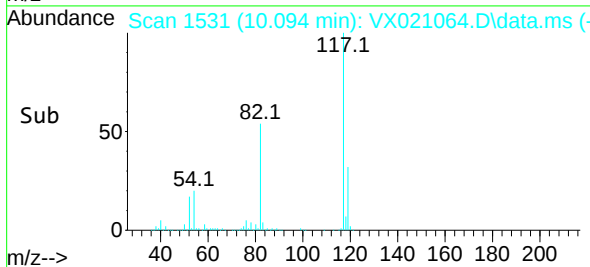
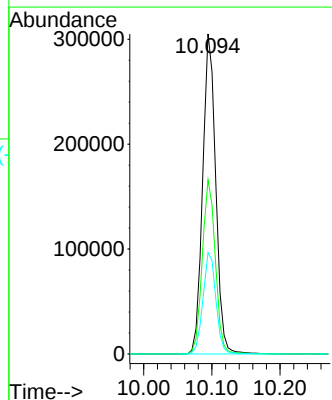
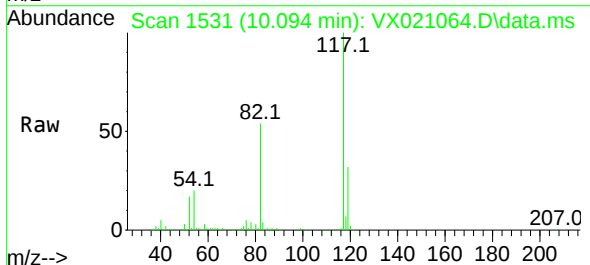
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210305

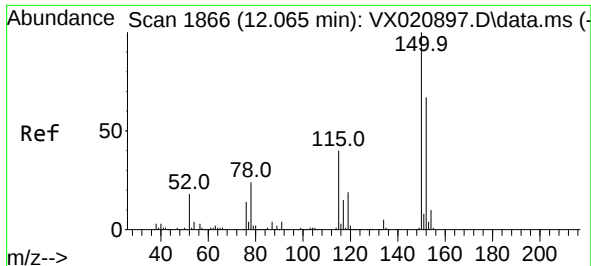
Tgt Ion: 95 Resp: 184586
Ion Ratio Lower Upper
95 100
174 81.4 0.0 154.6
176 78.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

Tgt Ion: 117 Resp: 406396
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 31.6 26.6 39.8

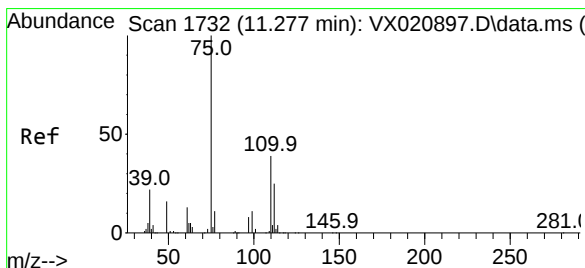
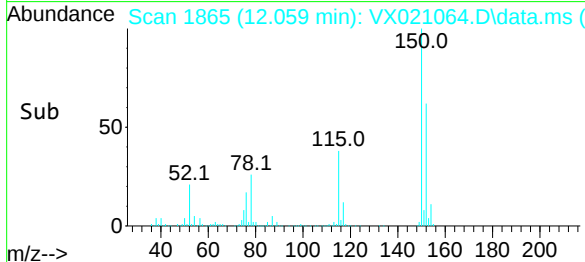
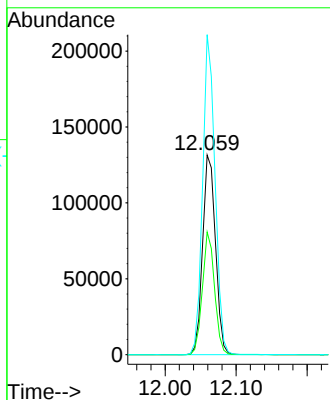
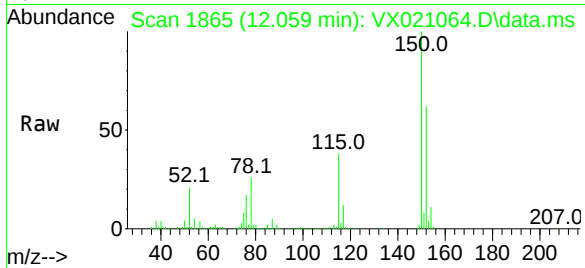




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

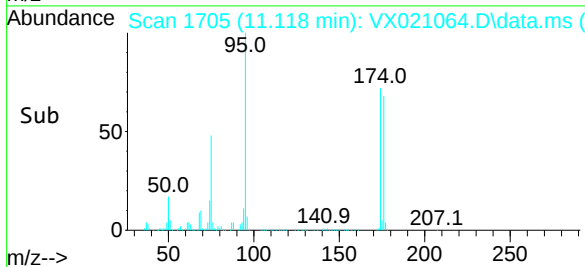
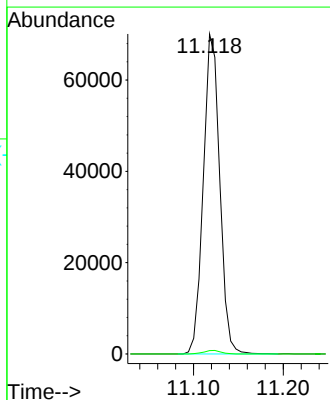
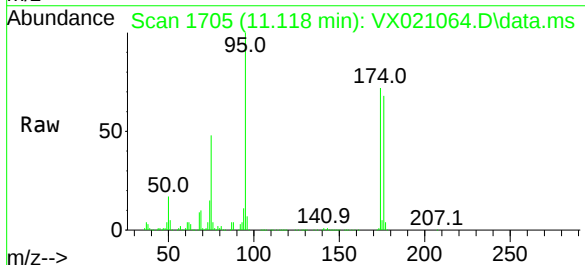
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20210305

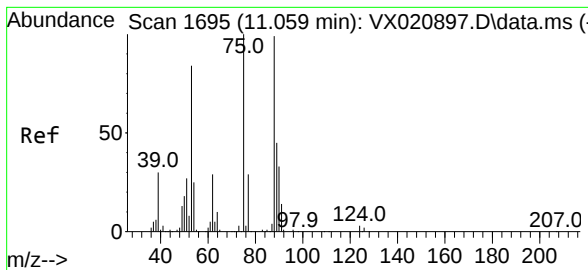
Tgt Ion:152 Resp: 166464
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 154.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021064.D
Acq: 08 Mar 2021 16:22

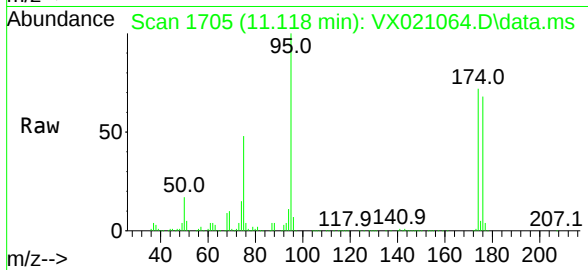
Tgt Ion: 75 Resp: 88924
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.98 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021064.D
 Acq: 08 Mar 2021 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20210305



Tgt Ion: 75 Resp: 88924
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

