

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024044.D
 Acq On : 31 Aug 2021 15:13
 Operator : JC/MD
 Sample : M3584-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20210827

Quant Time: Sep 01 05:03:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

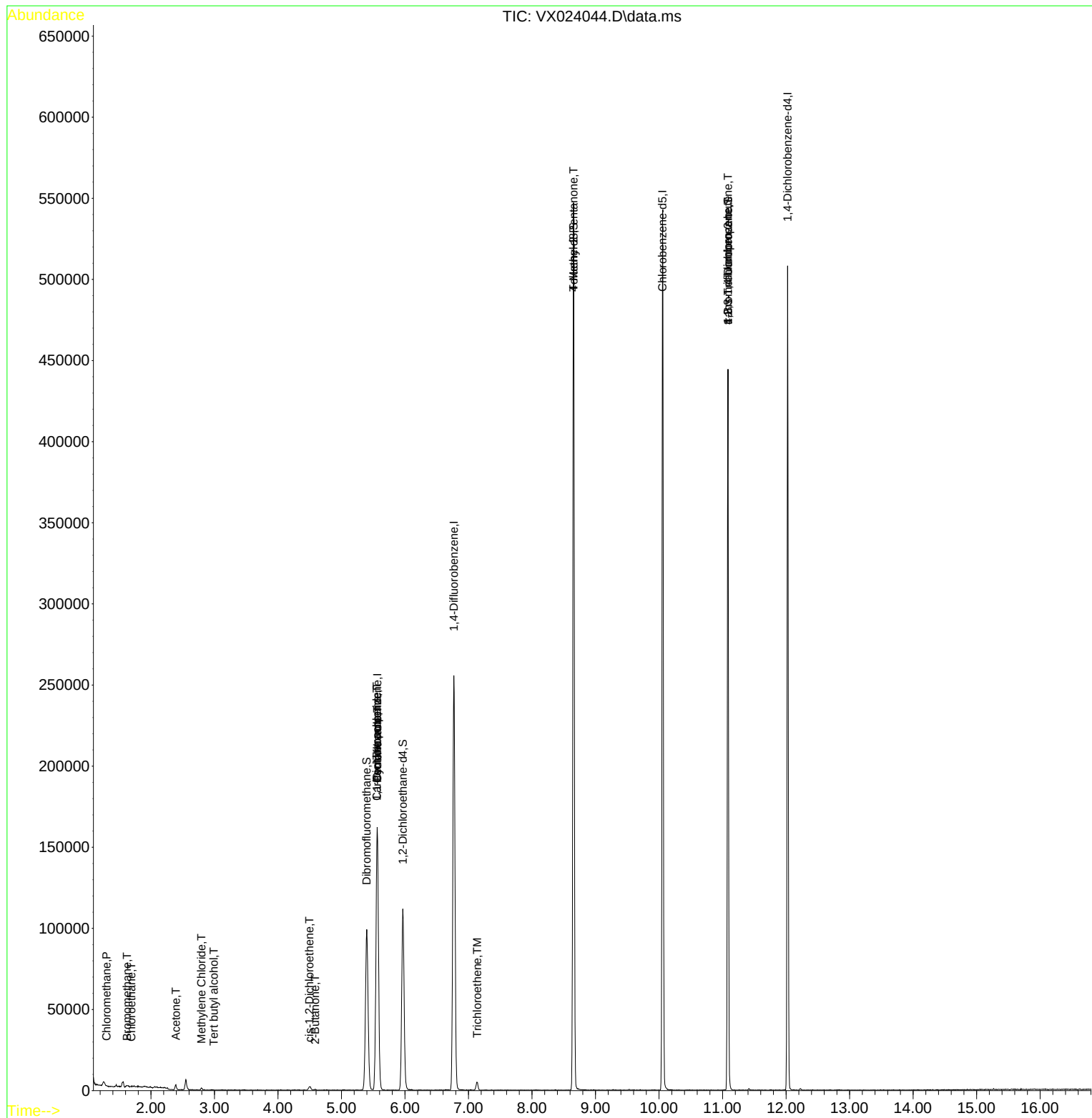
Internal Standards						
1) Pentafluorobenzene	5.562	168	146769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	250405	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109402	53.408	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.820%			
35) Dibromofluoromethane	5.397	113	83841	50.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	8.653	98	308117	48.845	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.700%			
62) 4-Bromofluorobenzene	11.085	95	109200	47.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.060%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	425	0.250	ug/l #	86
5) Bromomethane	1.624	94	486	0.466	ug/l	83
6) Chloroethane	1.691	64	106	2.291	ug/l #	43
11) Tert butyl alcohol	2.989	59	100	0.241	ug/l #	73
16) Acetone	2.392	43	3087	3.370	ug/l	88
20) Methylene Chloride	2.794	84	492	0.281	ug/l #	75
25) 2-Butanone	4.587	43	292	0.210	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	1396	0.780	ug/l	98
31) Cyclohexane	5.562	56	3533	1.342	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	11537	4.975	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15906	6.578	ug/l #	16
44) Trichloroethene	7.135	130	1924	1.016	ug/l	72
51) 4-Methyl-2-Pentanone	8.653	43	1507	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	60852	26.442	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	60852	77.779	ug/l #	12

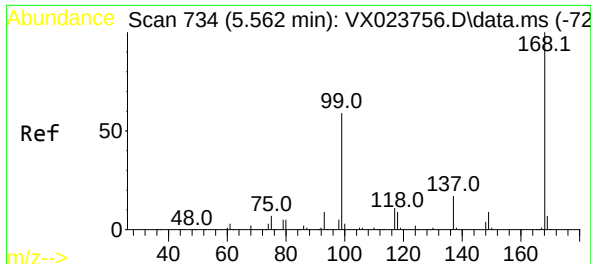
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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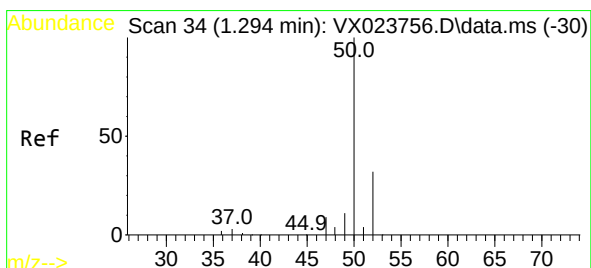
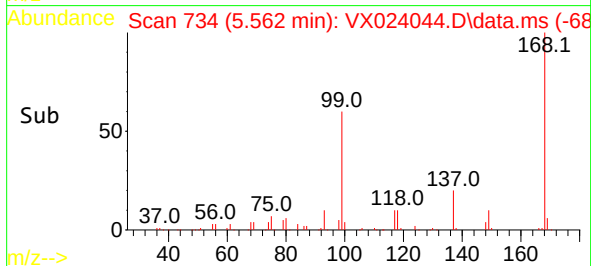
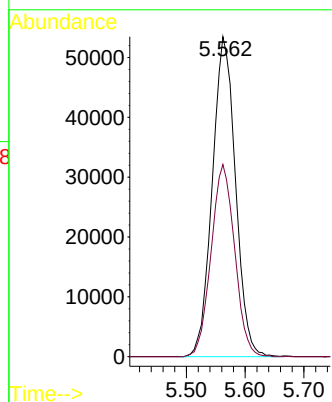
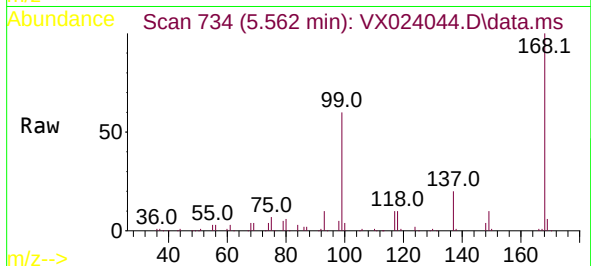




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

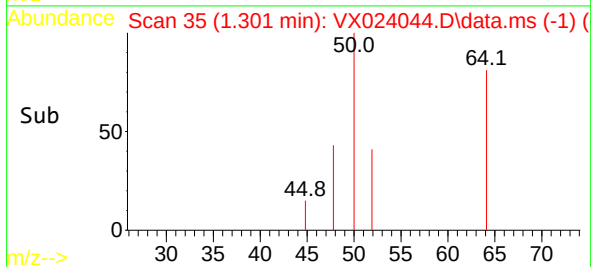
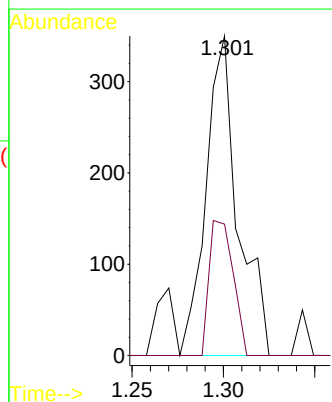
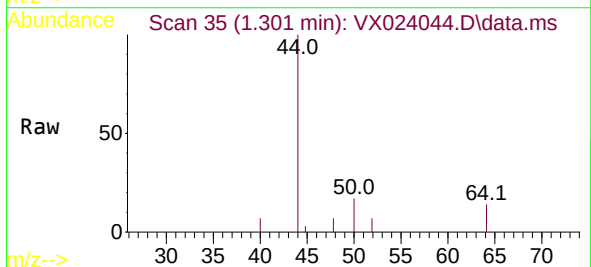
Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20210827

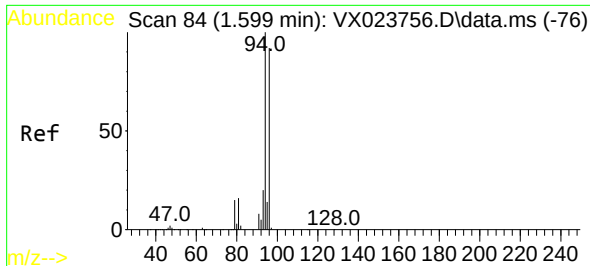
Tgt Ion:168 Resp: 146769
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#3
Chloromethane
Concen: 0.250 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 41.1 26.4 39.6#

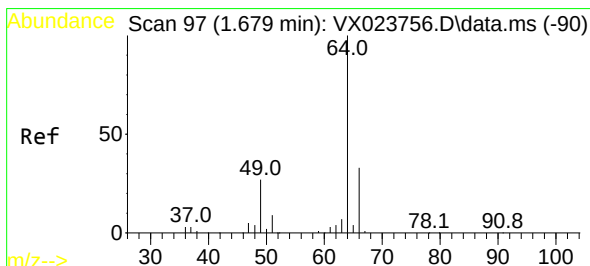
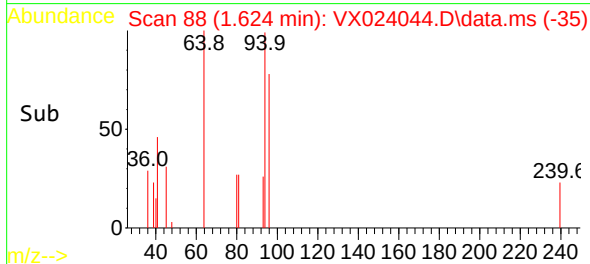
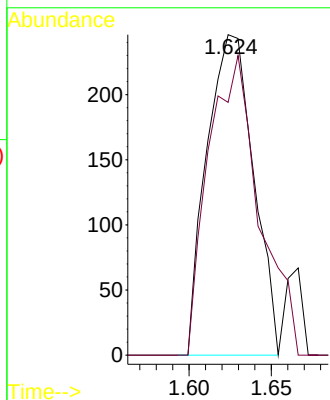
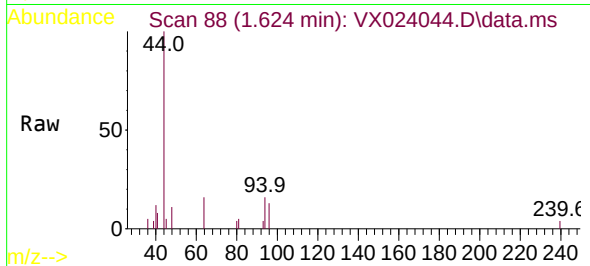




#5
Bromomethane
Concen: 0.466 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

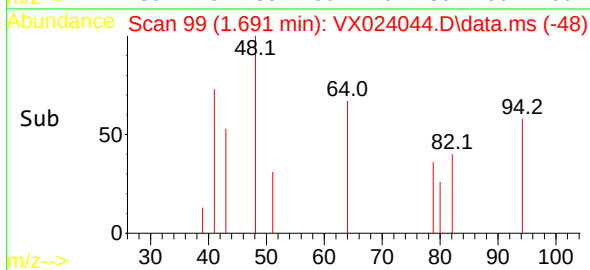
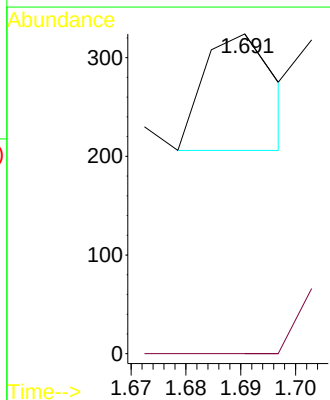
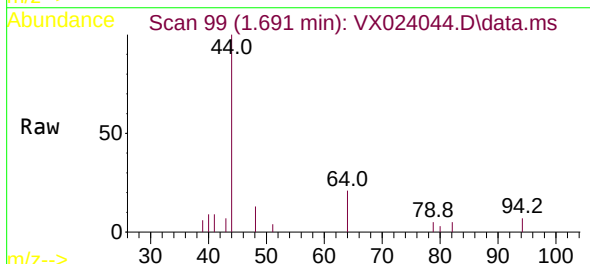
Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20210827

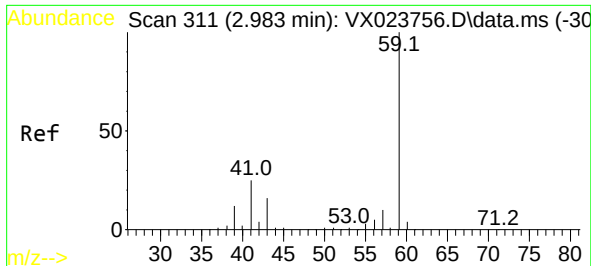
Tgt Ion: 94 Resp: 486
Ion Ratio Lower Upper
94 100
96 78.9 76.4 114.6



#6
Chloroethane
Concen: 2.291 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

Tgt Ion: 64 Resp: 106
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



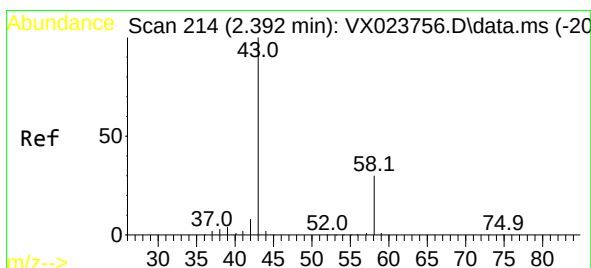
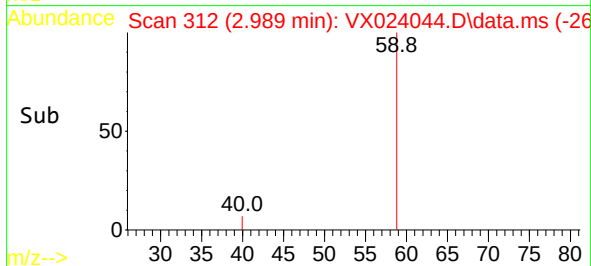
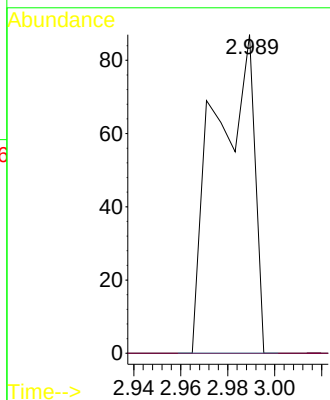
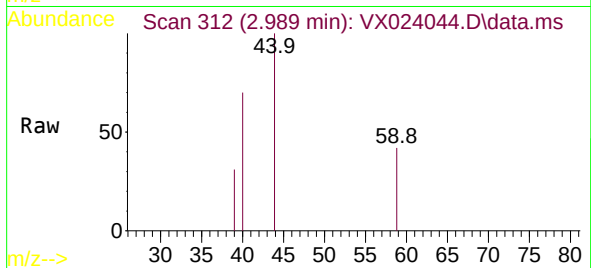


#11

Tert butyl alcohol
Concen: 0.241 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20210827

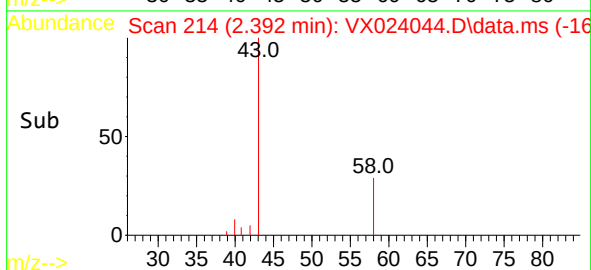
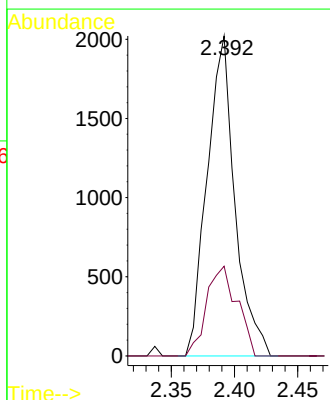
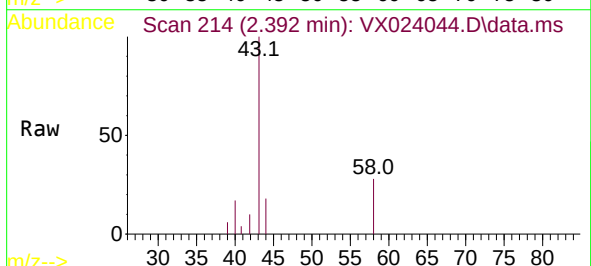
Tgt Ion: 59 Resp: 100
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

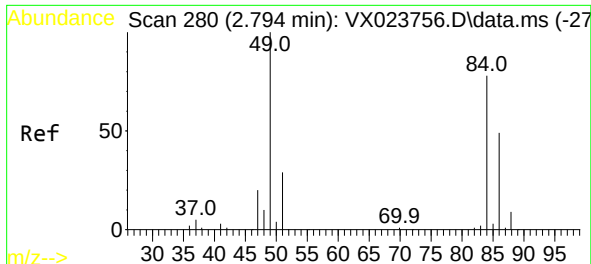


#16

Acetone
Concen: 3.370 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

Tgt Ion: 43 Resp: 3087
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8





#20

Methylene Chloride

Concen: 0.281 ug/l

RT: 2.794 min Scan# 280

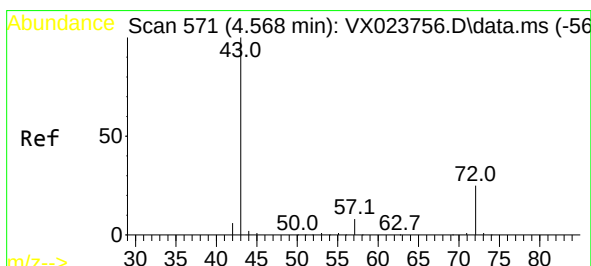
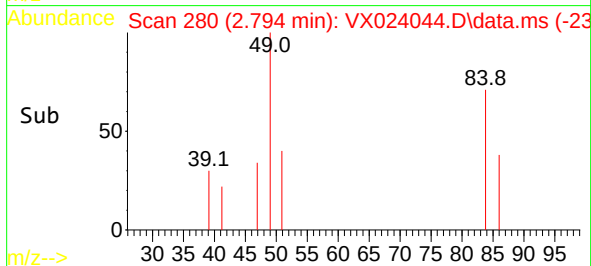
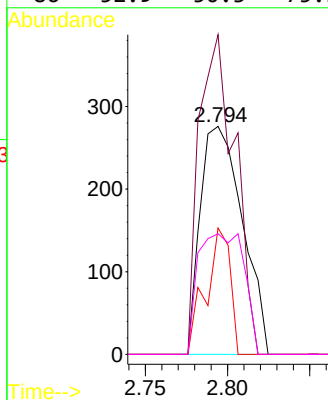
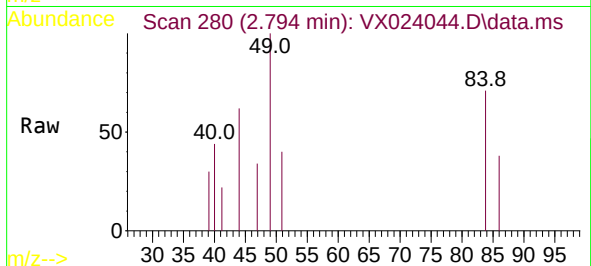
Delta R.T. 0.000 min

Lab File: VX024044.D

Acq: 31 Aug 2021 15:13

Tgt Ion:	84	Resp:	492
Ion	Ratio	Lower	Upper
84	100		
49	140.2	88.6	132.8#
51	55.4	27.0	40.6#
86	52.9	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20210827



#25

2-Butanone

Concen: 0.210 ug/l

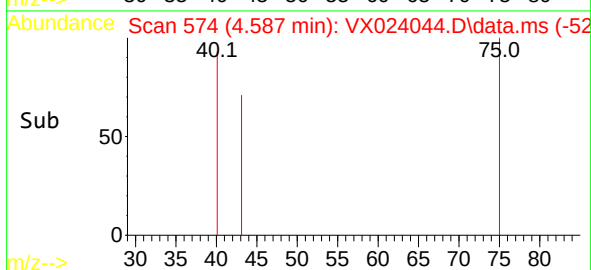
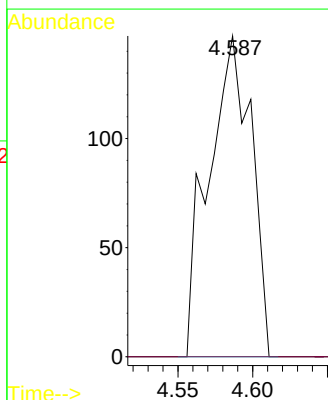
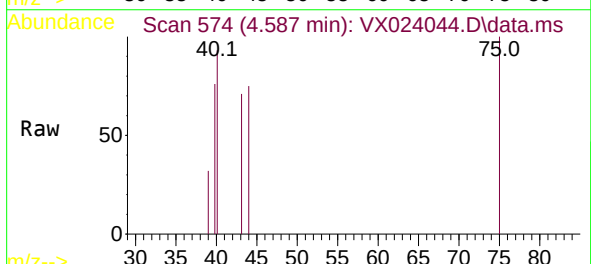
RT: 4.587 min Scan# 574

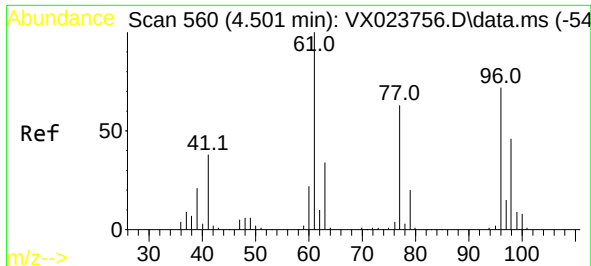
Delta R.T. 0.019 min

Lab File: VX024044.D

Acq: 31 Aug 2021 15:13

Tgt Ion:	43	Resp:	292
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

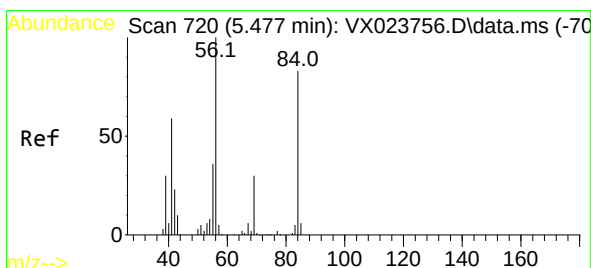
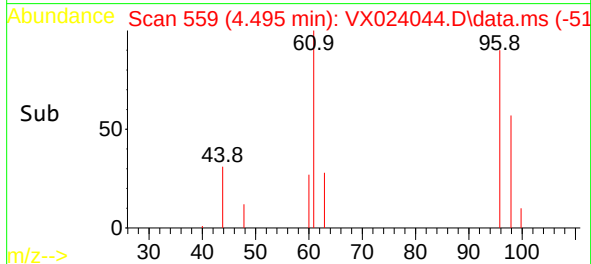
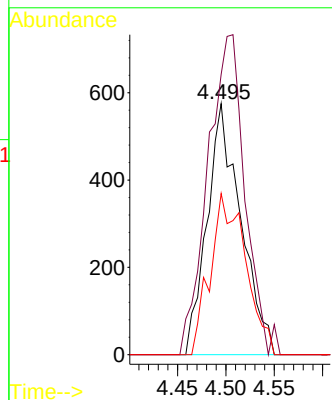
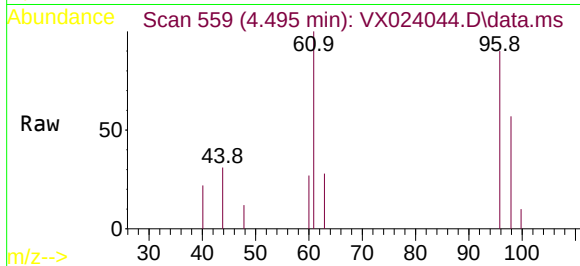




#27
 cis-1,2-Dichloroethene
 Concen: 0.780 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: VX024044.D
 Acq: 31 Aug 2021 15:13

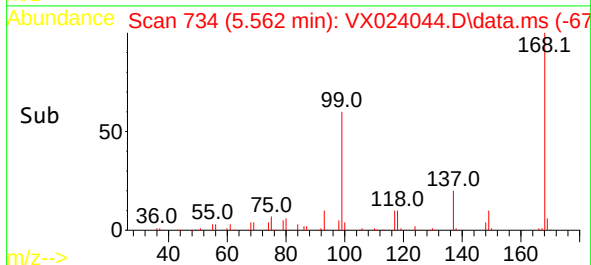
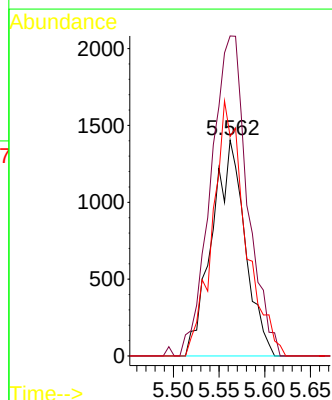
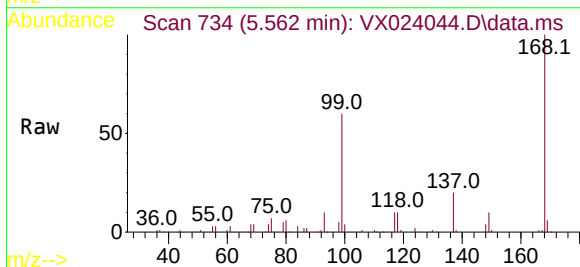
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20210827

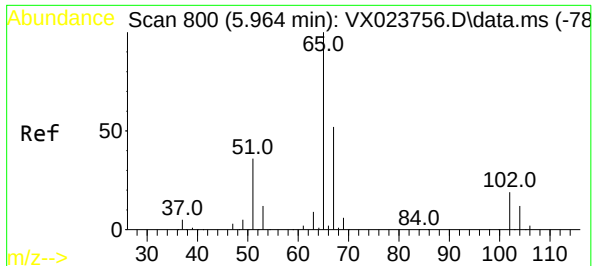
Tgt Ion:	96	Resp:	1396
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	285.6
98	67.1	0.0	129.6



#31
 Cyclohexane
 Concen: 1.342 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. 0.085 min
 Lab File: VX024044.D
 Acq: 31 Aug 2021 15:13

Tgt Ion:	56	Resp:	3533
Ion	Ratio	Lower	Upper
56	100		
69	148.3	25.3	37.9#
84	101.7	71.4	107.0



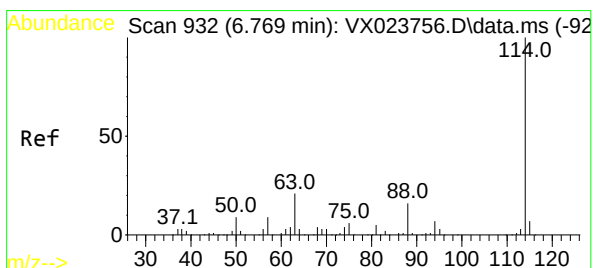
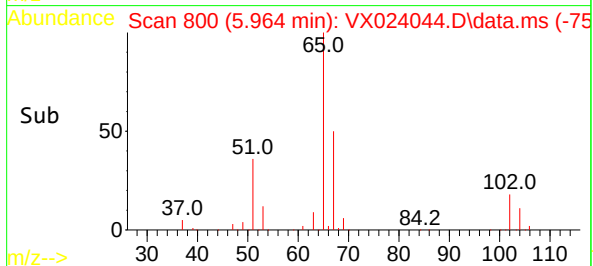
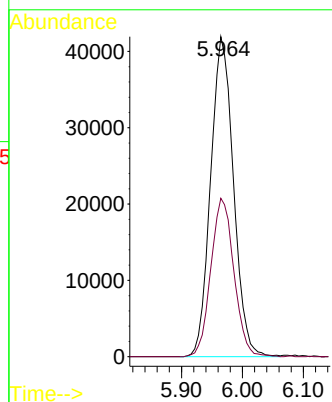
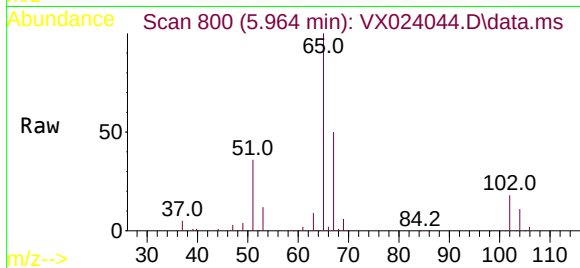


#33

1,2-Dichloroethane-d4
Concen: 53.408 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

Instrument :
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ClientSampleId :
MH-140N-20210827

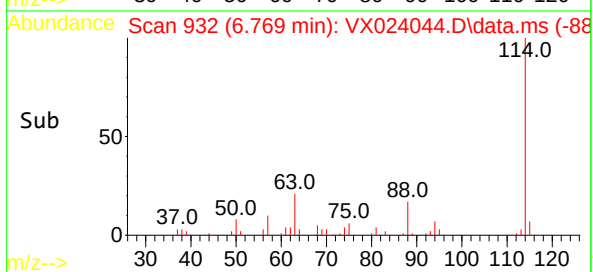
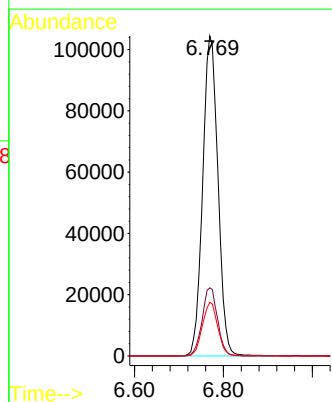
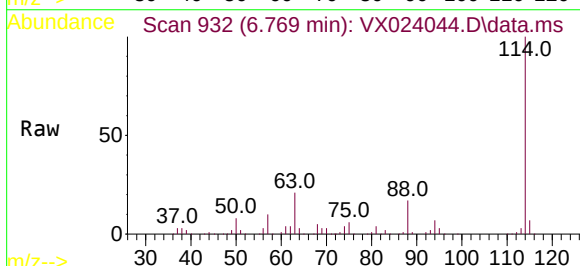
Tgt Ion: 65 Resp: 109402
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

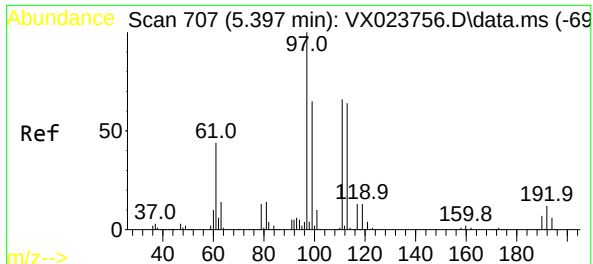


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

Tgt Ion: 114 Resp: 250405
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.7 0.0 32.8

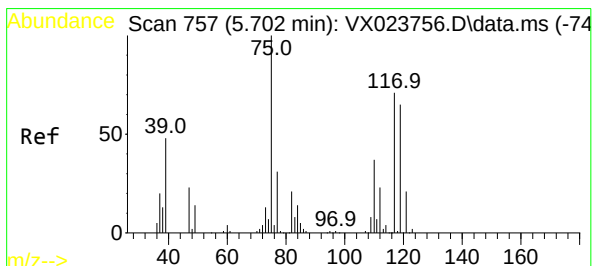
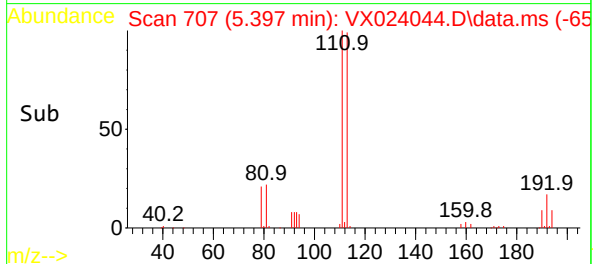
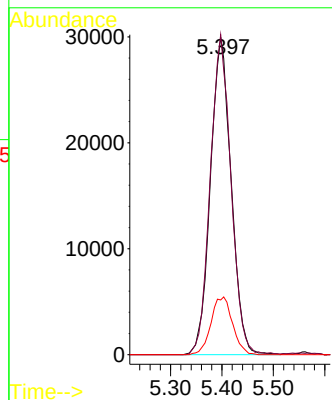
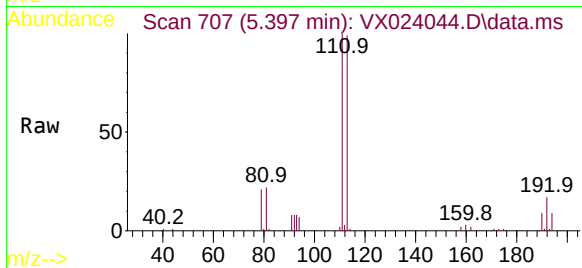




#35
Dibromofluoromethane
Concen: 50.587 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

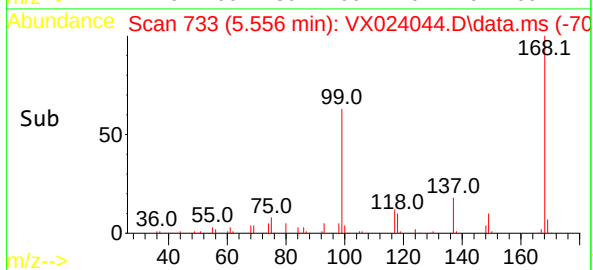
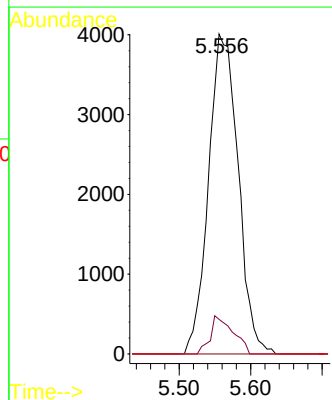
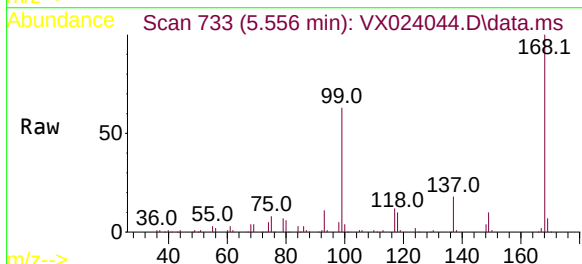
Instrument :
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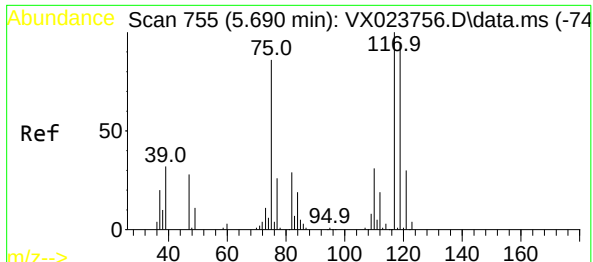
Tgt Ion:	113	Resp:	83841
Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.9	122.9
192	18.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.975 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

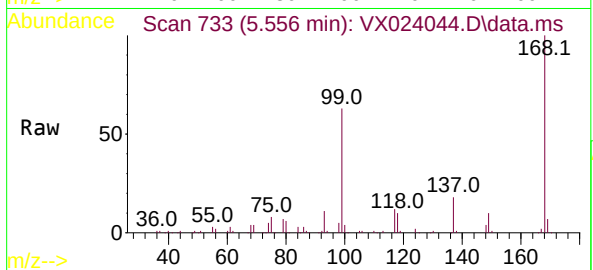
Tgt Ion:	75	Resp:	11537
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



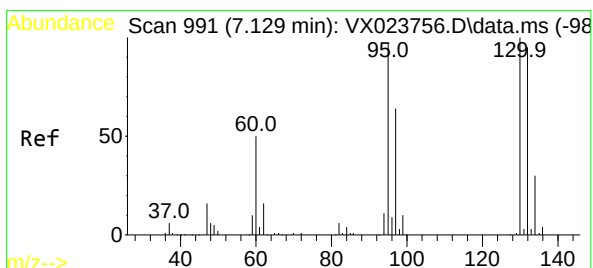
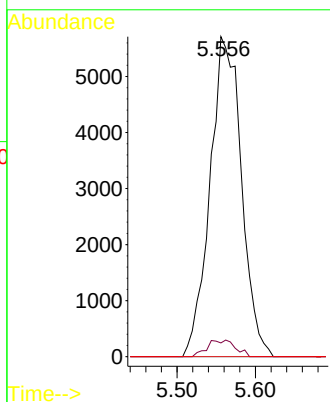
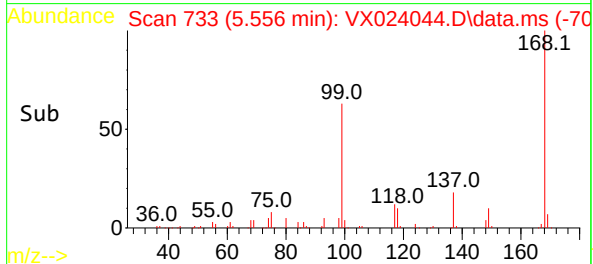


#38
Carbon Tetrachloride
Concen: 6.578 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

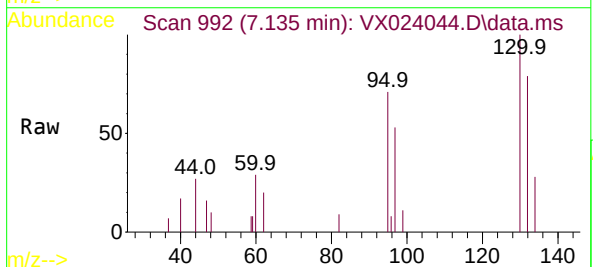
Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20210827



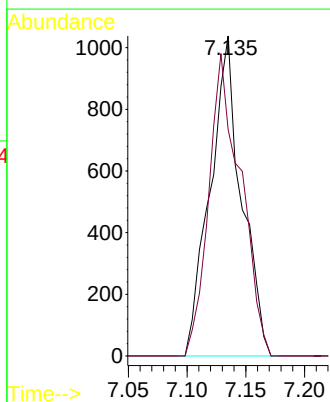
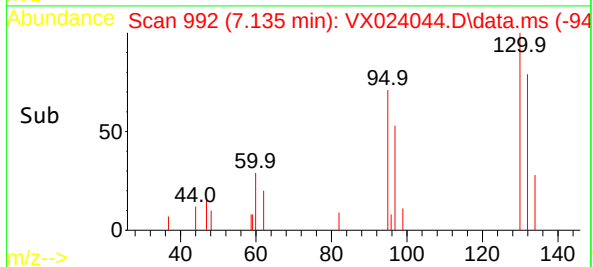
Tgt Ion:117 Resp: 15906
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

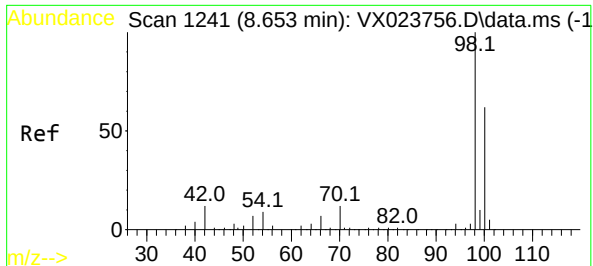


#44
Trichloroethene
Concen: 1.016 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13



Tgt Ion:130 Resp: 1924
Ion Ratio Lower Upper
130 100
95 70.8 0.0 198.0

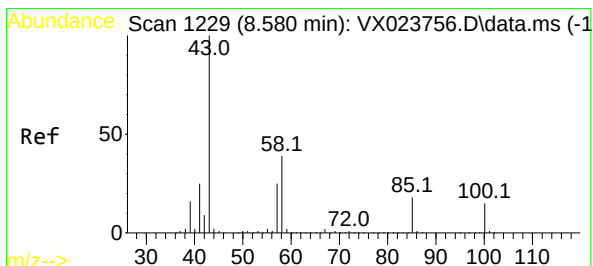
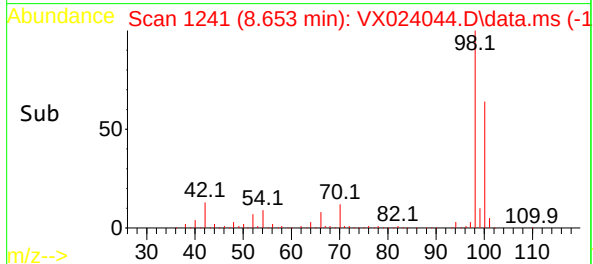
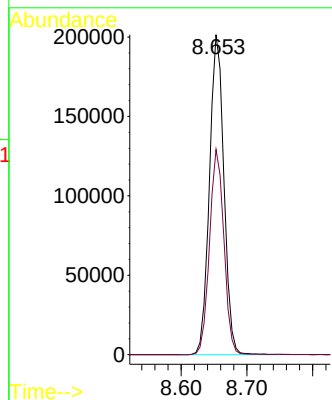
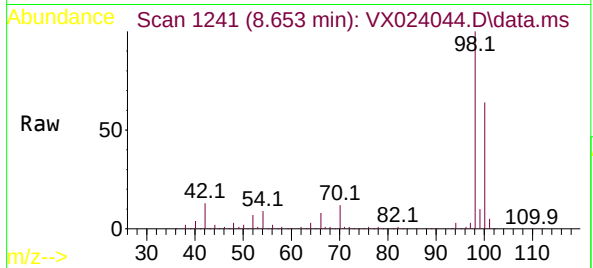




#50
Toluene-d8
Concen: 48.845 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

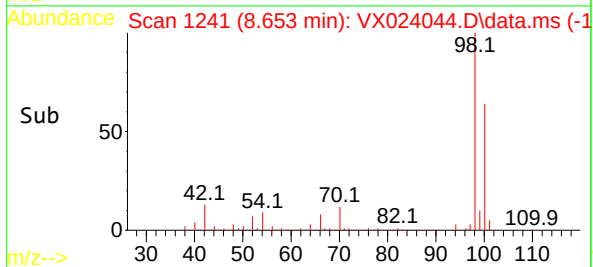
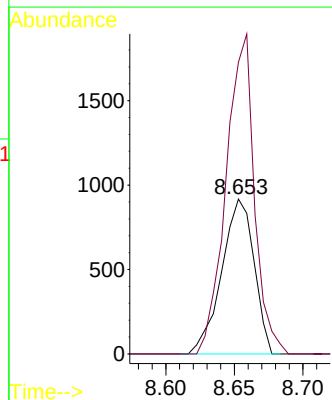
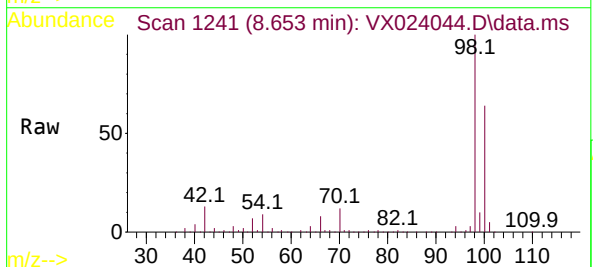
Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20210827

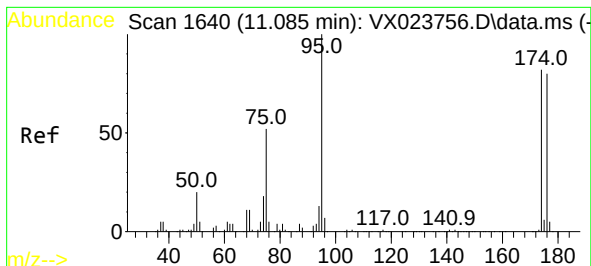
Tgt Ion: 98 Resp: 308117
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

Tgt Ion: 43 Resp: 1507
Ion Ratio Lower Upper
43 100
58 181.0 35.4 53.0#

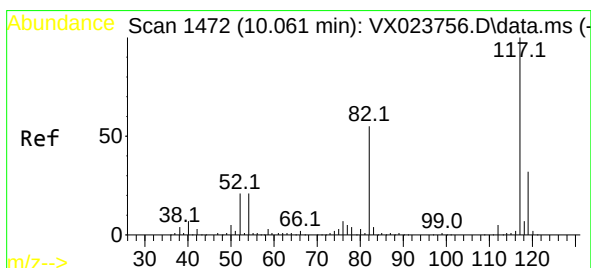
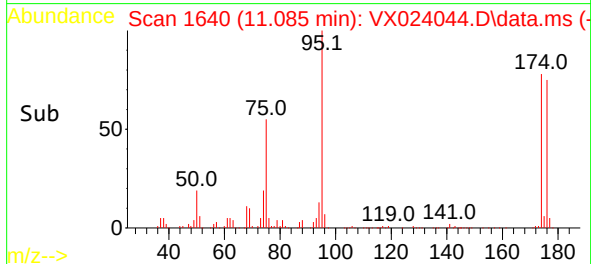
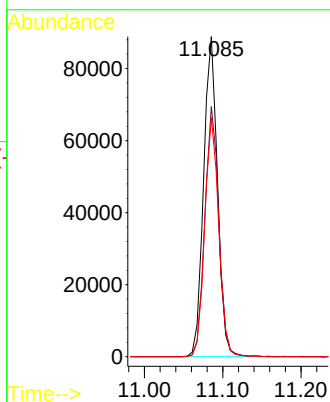
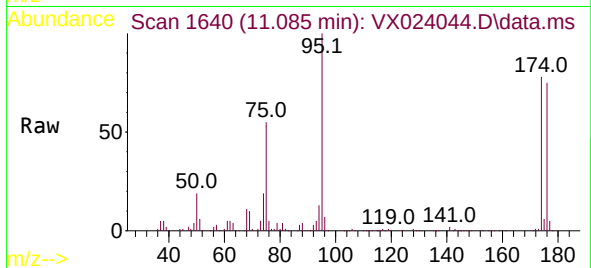




#62
4-Bromofluorobenzene
Concen: 47.025 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

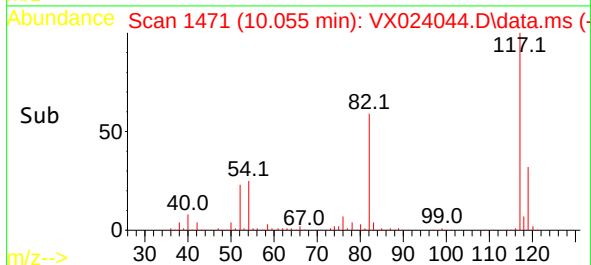
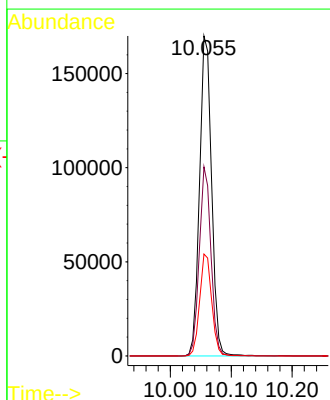
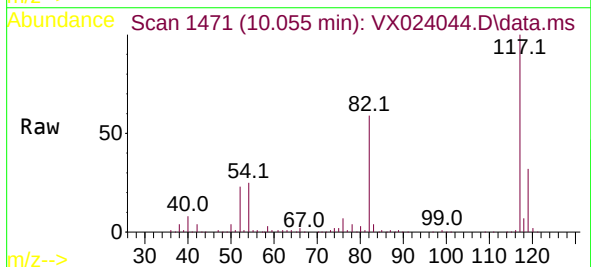
Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20210827

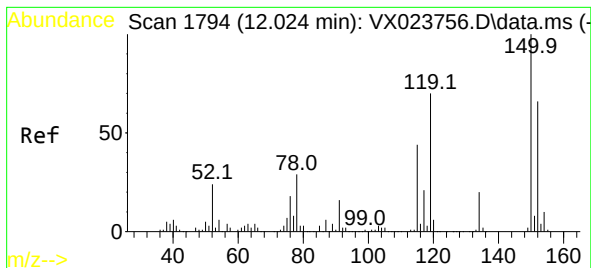
Tgt Ion: 95 Resp: 109200
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 75.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024044.D
Acq: 31 Aug 2021 15:13

Tgt Ion: 117 Resp: 233564
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.9 26.6 39.8

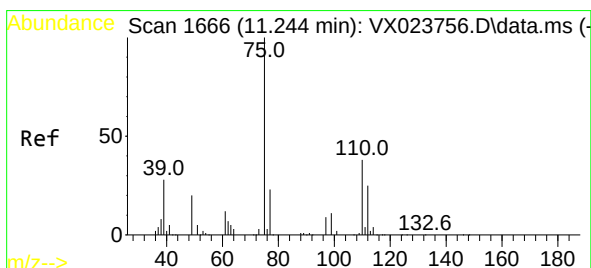
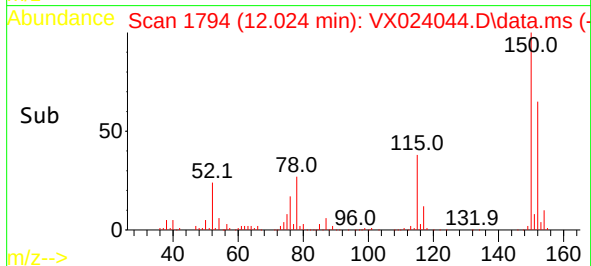
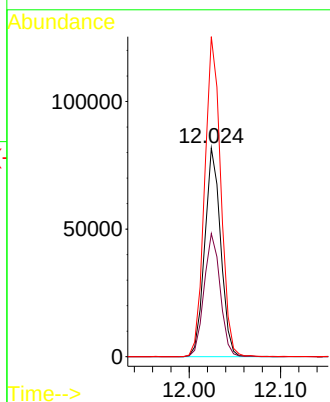
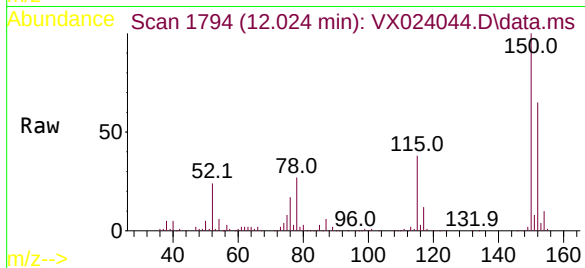




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024044.D
 Acq: 31 Aug 2021 15:13

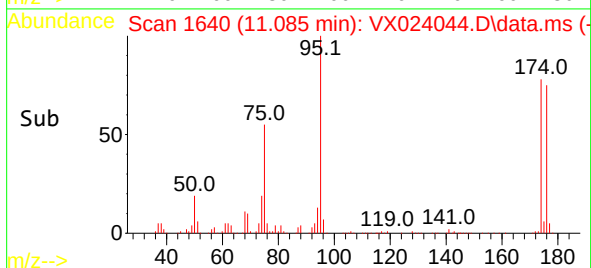
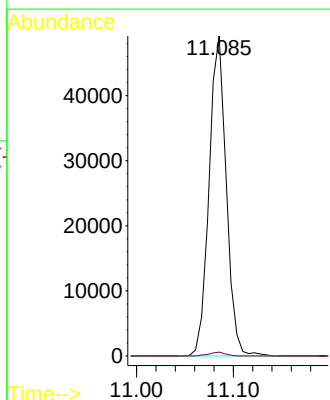
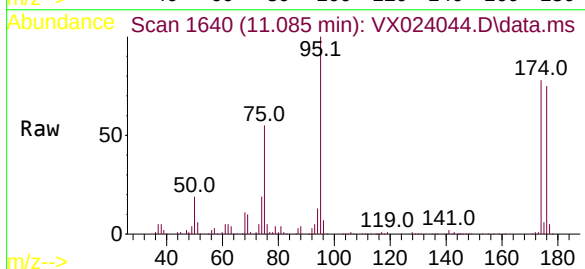
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20210827

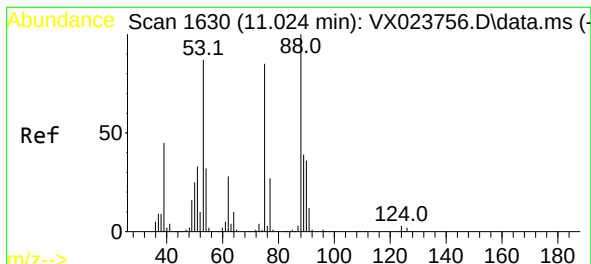
Tgt Ion:152 Resp: 98655
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.1 123.3
 150 154.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.442 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024044.D
 Acq: 31 Aug 2021 15:13

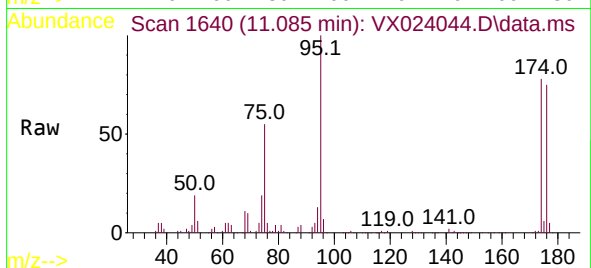
Tgt Ion: 75 Resp: 60852
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.779 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024044.D
 Acq: 31 Aug 2021 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20210827



Tgt Ion: 75 Resp: 60852
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

