

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024019.D
 Acq On : 30 Aug 2021 17:03
 Operator : JC/MD
 Sample : M3583-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20210827

Quant Time: Aug 31 03:12:24 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)

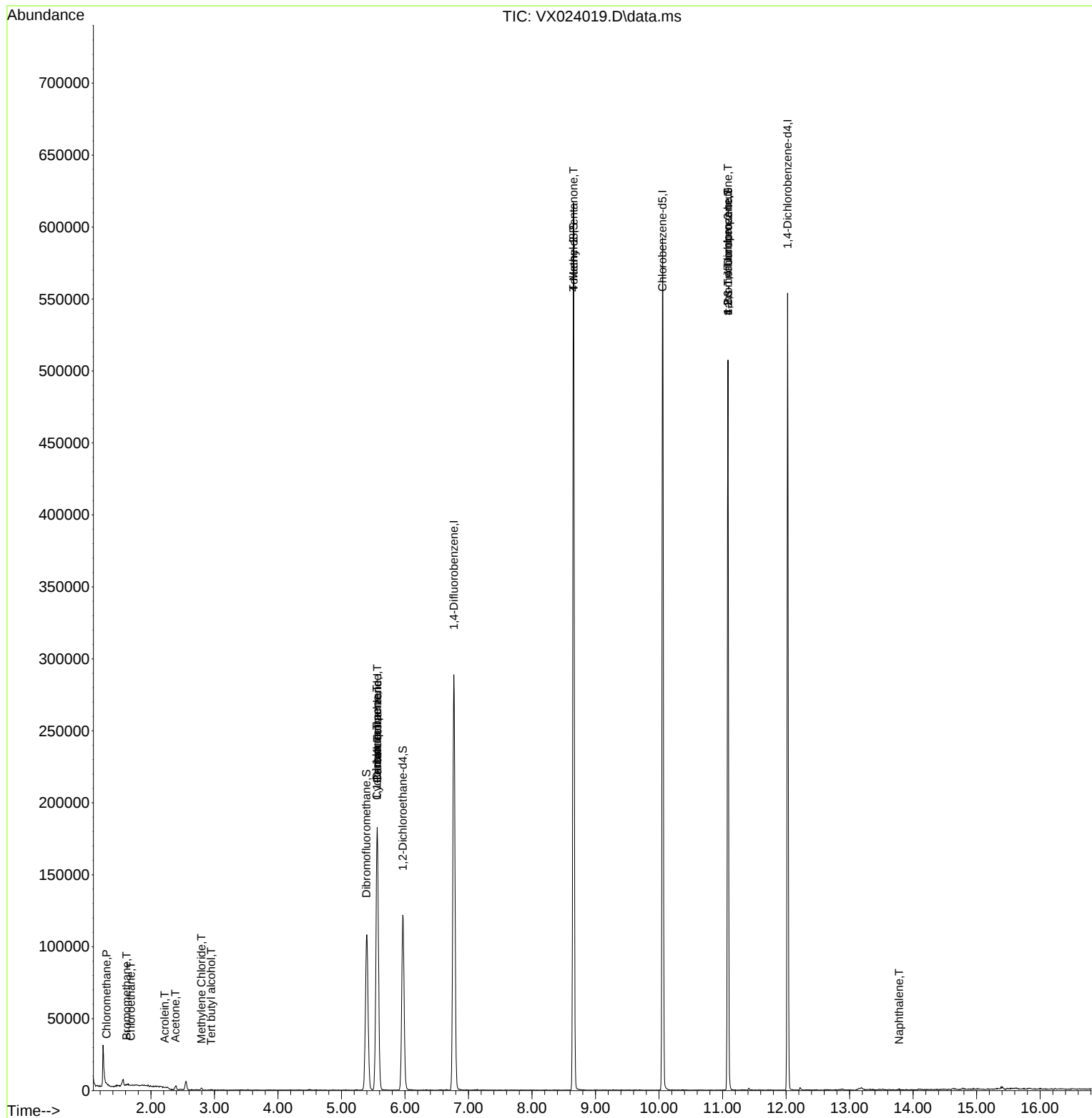
Internal Standards						
1) Pentafluorobenzene	5.562	168	166597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	283304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120390	51.777	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.560%
35) Dibromofluoromethane	5.391	113	92822	49.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	8.653	98	348569	48.841	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.085	95	125691	47.841	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	511	0.265	ug/l	95
5) Bromomethane	1.617	94	735	0.621	ug/l #	53
6) Chloroethane	1.684	64	210	2.345	ug/l #	80
11) Tert butyl alcohol	2.946	59	161	0.342	ug/l #	73
13) Acrolein	2.215	56	69	0.247	ug/l #	81
16) Acetone	2.386	43	2957	2.844	ug/l #	85
20) Methylene Chloride	2.794	84	558	0.281	ug/l #	78
31) Cyclohexane	5.556	56	4020	1.346	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	13564	5.170	ug/l #	50
38) Carbon Tetrachloride	5.562	117	17356	6.344	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1823	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	68619	27.261	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	68619	80.188	ug/l #	12
95) Naphthalene	13.780	128	185	1.305	ug/l #	69

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

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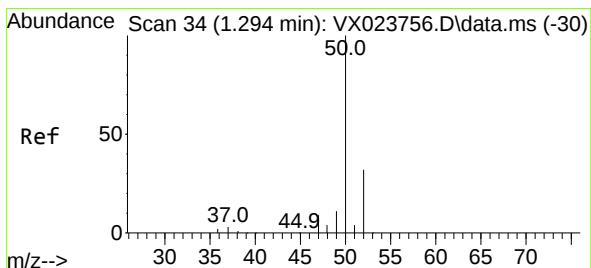
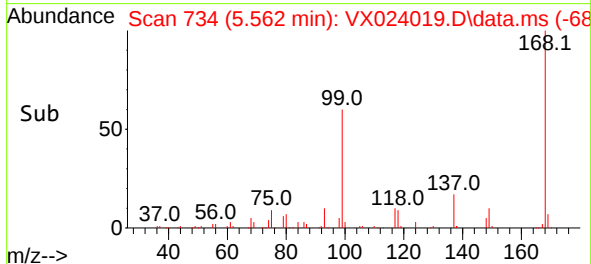
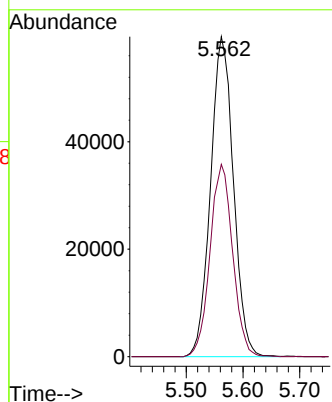
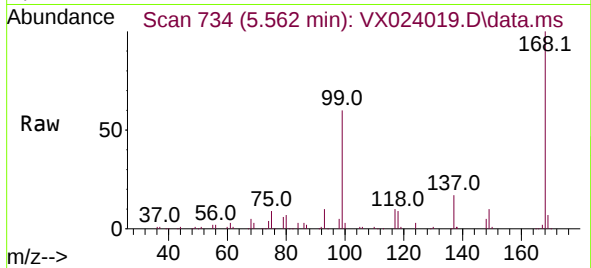




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

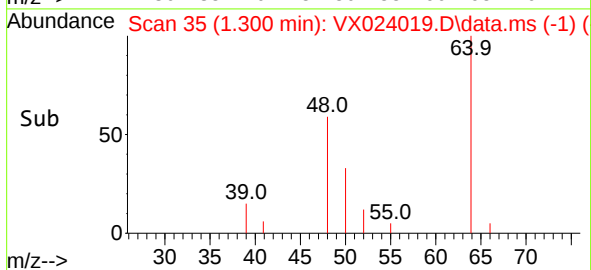
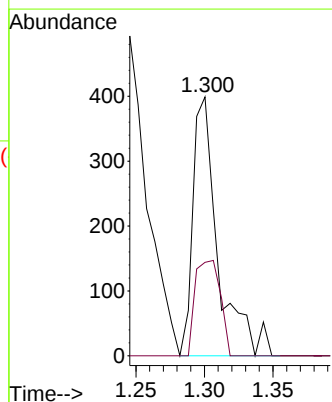
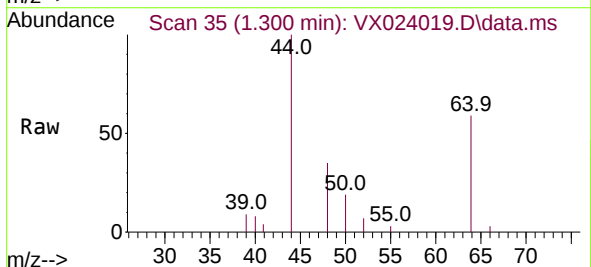
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210827

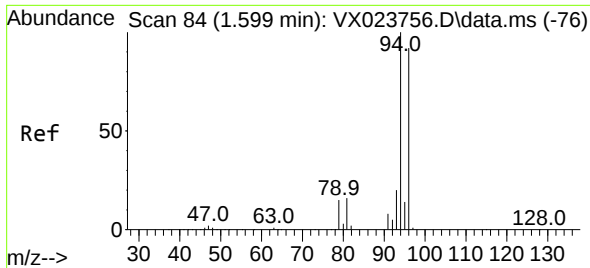
Tgt Ion:168 Resp: 166597
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#3
Chloromethane
Concen: 0.265 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 36.1 26.4 39.6

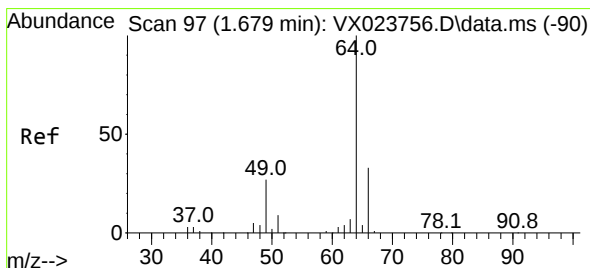
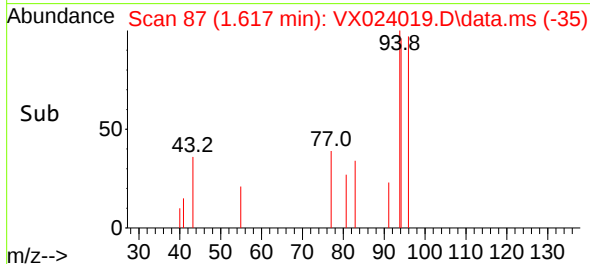
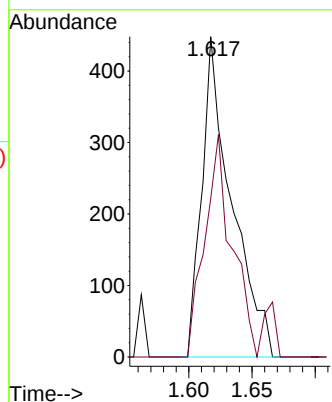
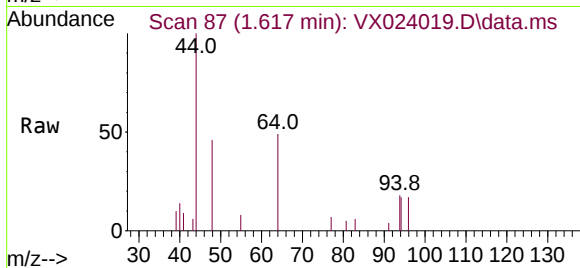




#5
Bromomethane
Concen: 0.621 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

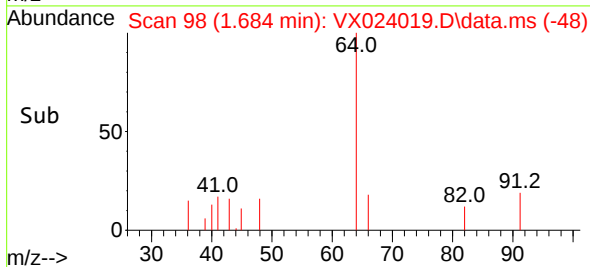
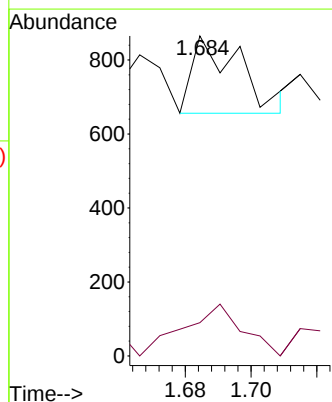
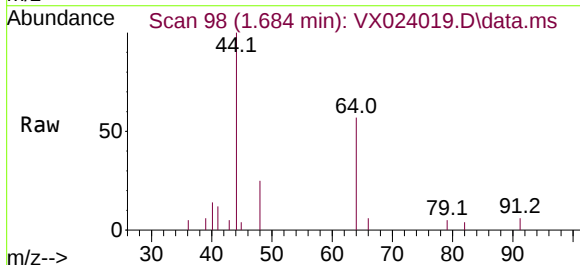
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210827

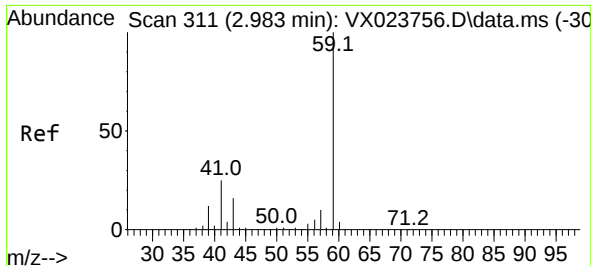
Tgt Ion: 94 Resp: 735
Ion Ratio Lower Upper
94 100
96 49.6 76.4 114.6#



#6
Chloroethane
Concen: 2.345 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion: 64 Resp: 210
Ion Ratio Lower Upper
64 100
66 43.1 25.4 38.0#



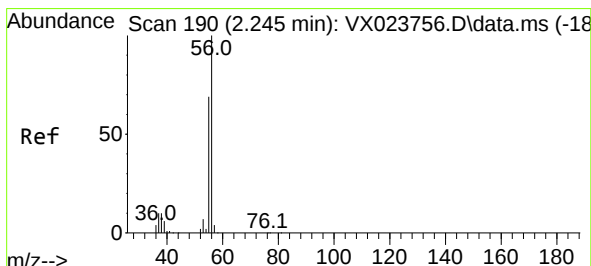
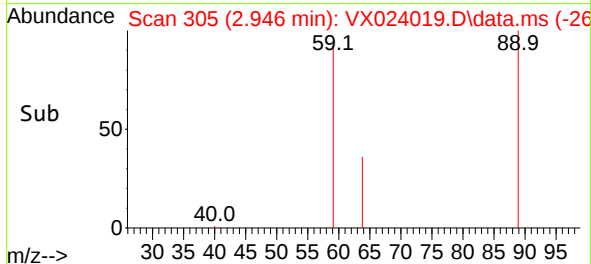
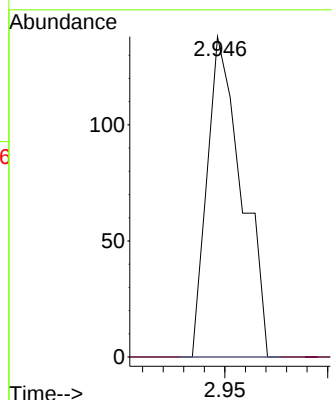
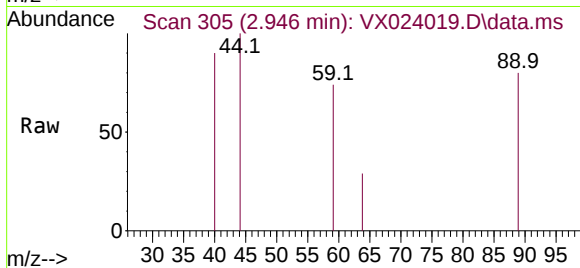


#11

Tert butyl alcohol
Concen: 0.342 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210827

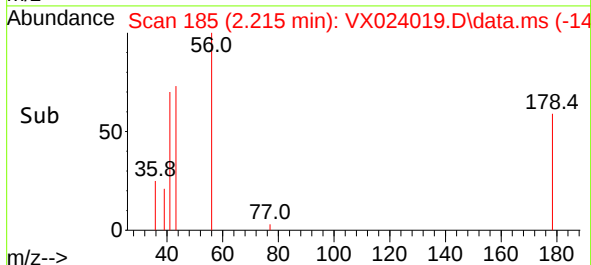
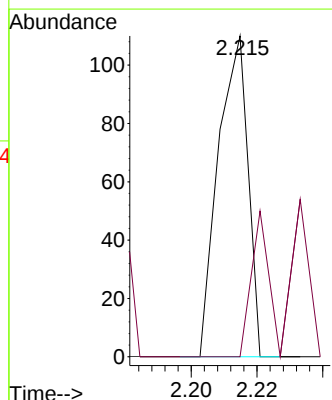
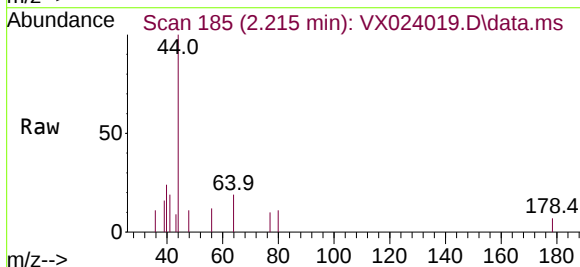
Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

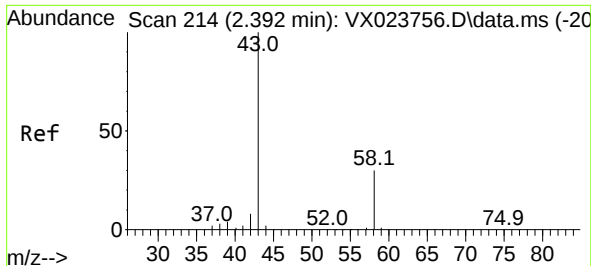


#13

Acrolein
Concen: 0.247 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.030 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 55.1 56.4 84.6#

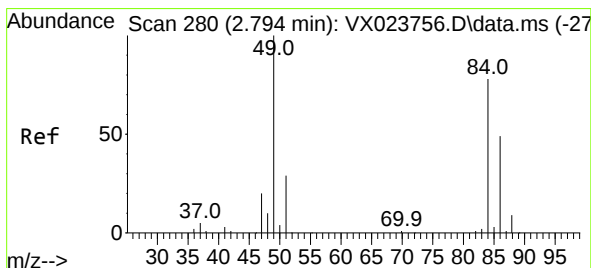
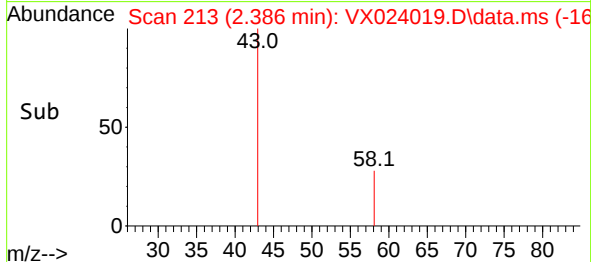
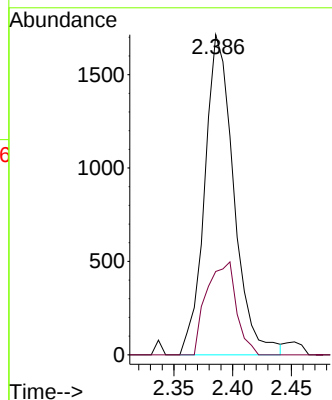
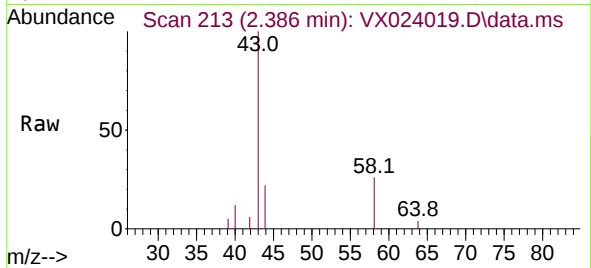




#16
Acetone
Concen: 2.844 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

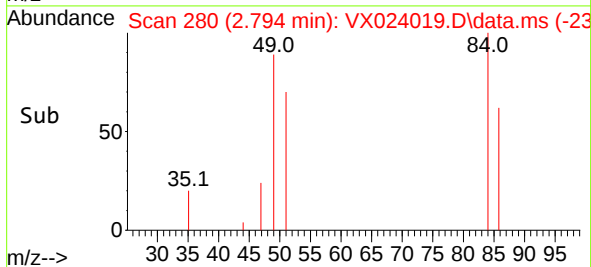
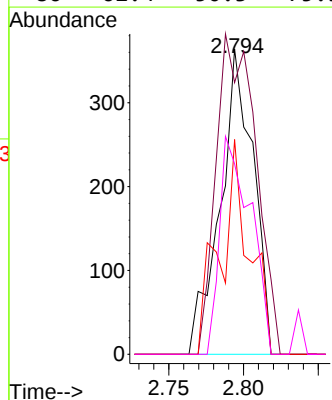
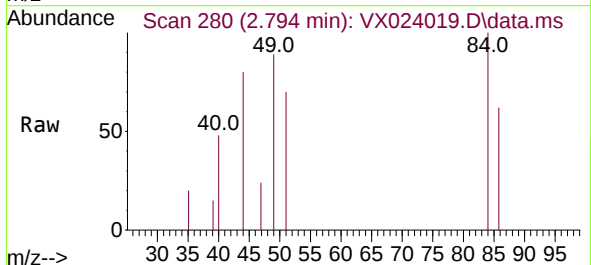
Instrument :
MSVOA_X
ClientSampleId :
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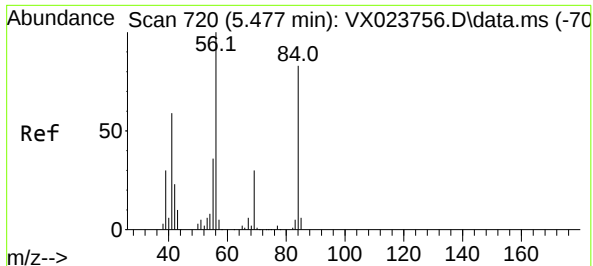
Tgt Ion: 43 Resp: 2957
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion: 84 Resp: 558
Ion Ratio Lower Upper
84 100
49 89.0 88.6 132.8
51 70.3 27.0 40.6#
86 62.4 50.3 75.5

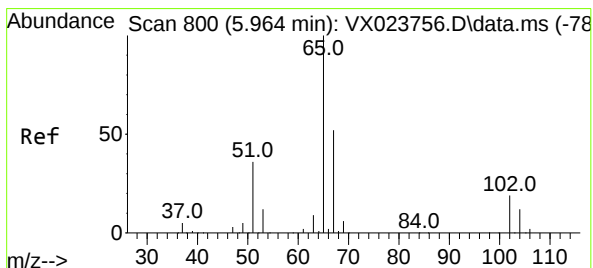
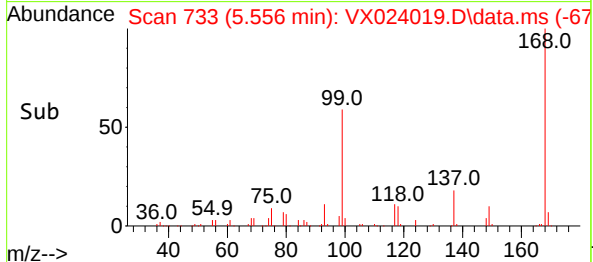
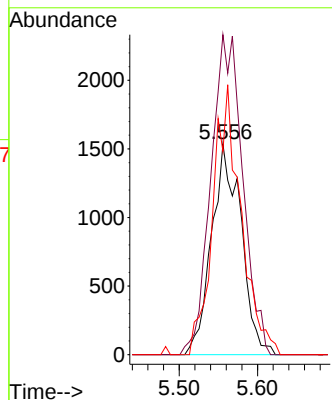
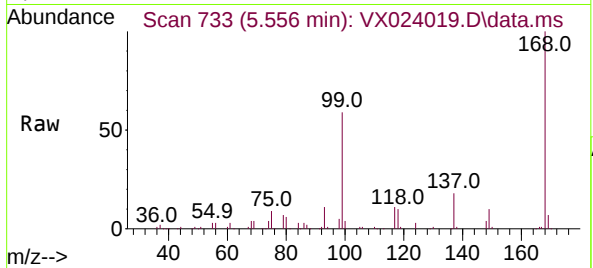




#31
Cyclohexane
Concen: 1.346 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

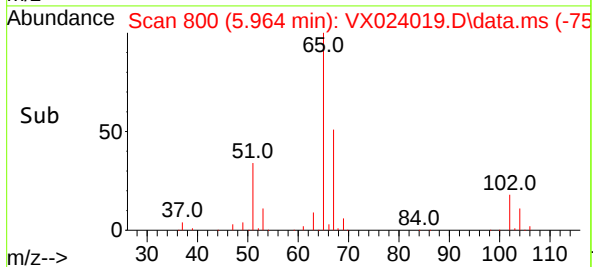
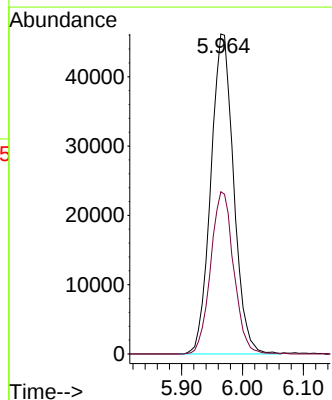
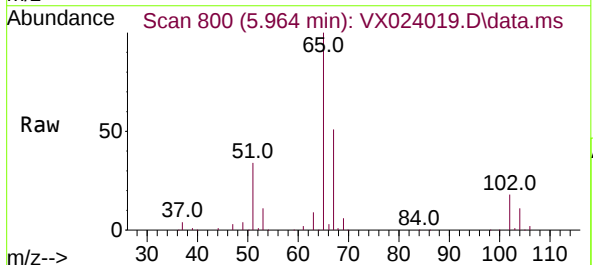
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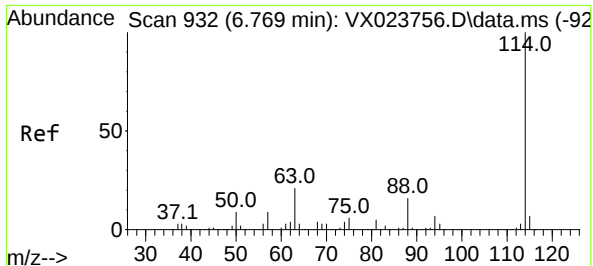
Tgt Ion: 56 Resp: 4020
Ion Ratio Lower Upper
56 100
69 151.8 25.3 37.9#
84 105.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.777 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion: 65 Resp: 120390
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

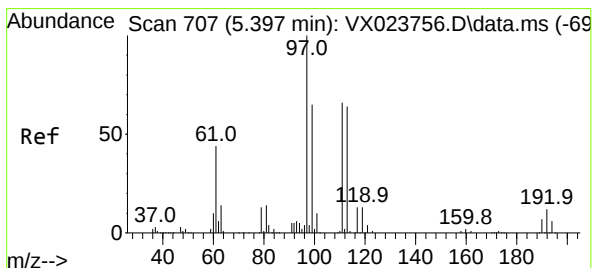
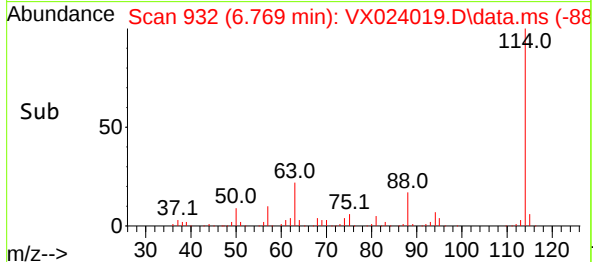
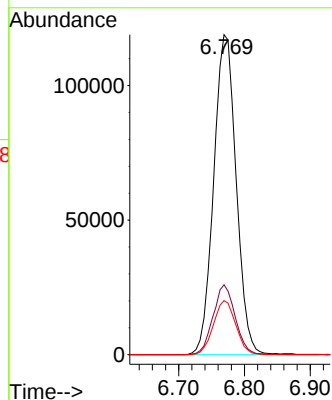
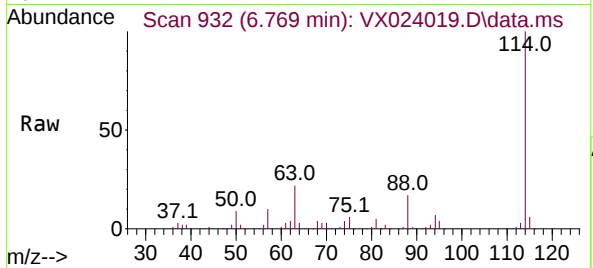




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

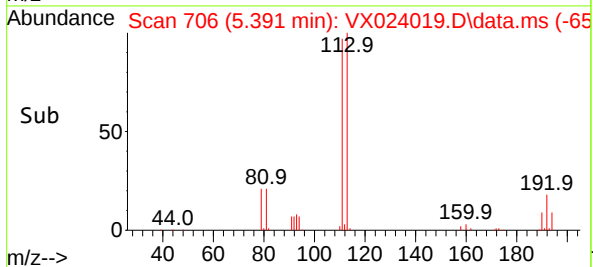
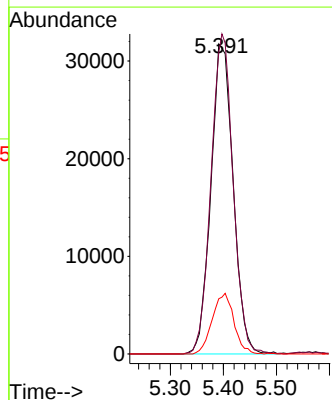
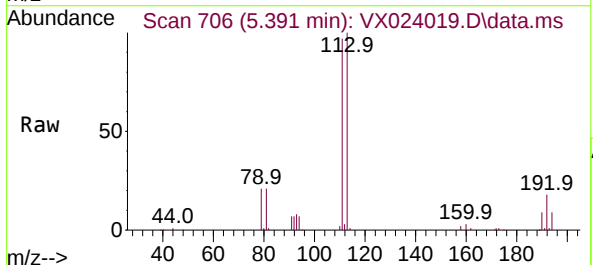
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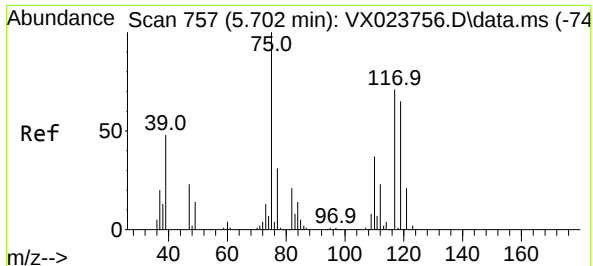
Tgt Ion:114 Resp: 283304
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.502 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion:113 Resp: 92822
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.170 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX024019.D

Acq: 30 Aug 2021 17:03

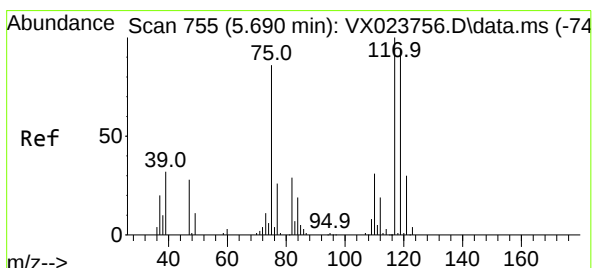
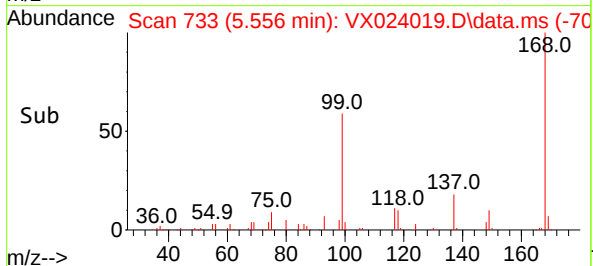
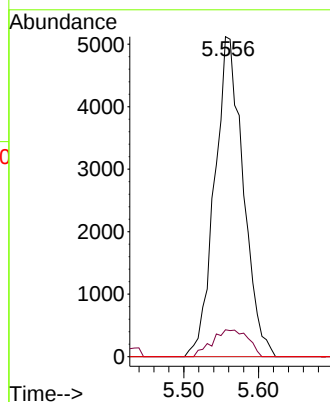
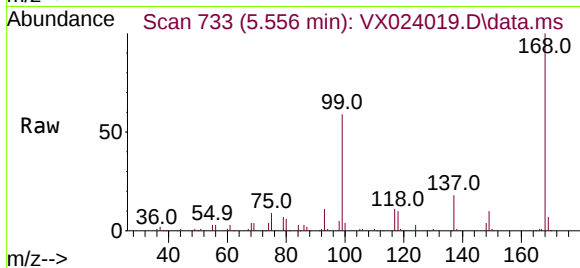
Tgt Ion:	75	Resp:	13564
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20210827



#38

Carbon Tetrachloride

Concen: 6.344 ug/l

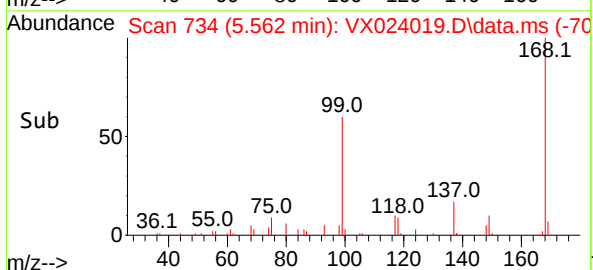
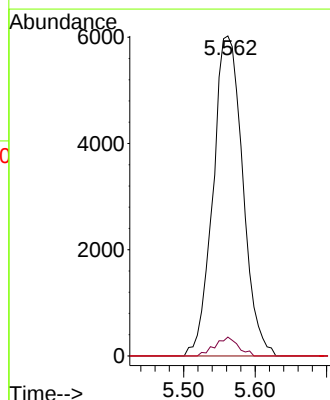
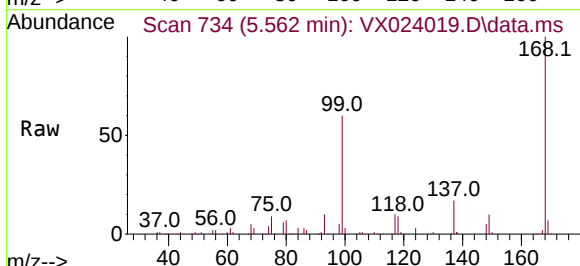
RT: 5.562 min Scan# 734

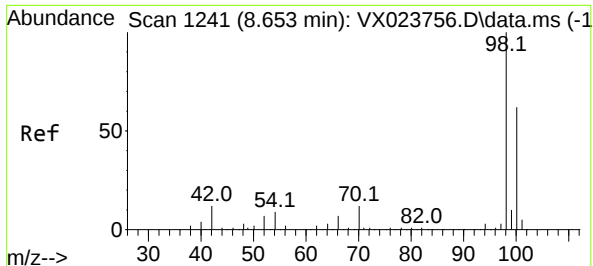
Delta R.T. -0.128 min

Lab File: VX024019.D

Acq: 30 Aug 2021 17:03

Tgt Ion:	117	Resp:	17356
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.2	114.2#
121	0.0	24.8	37.2#

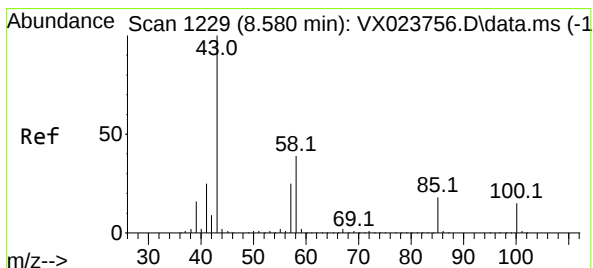
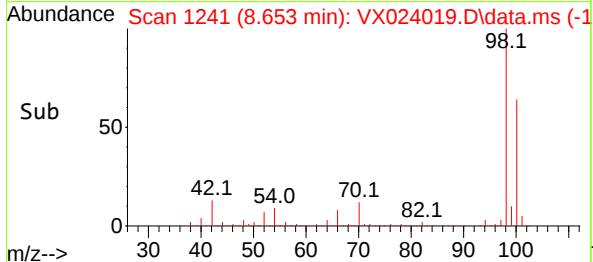
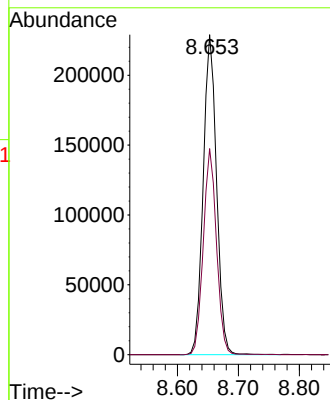
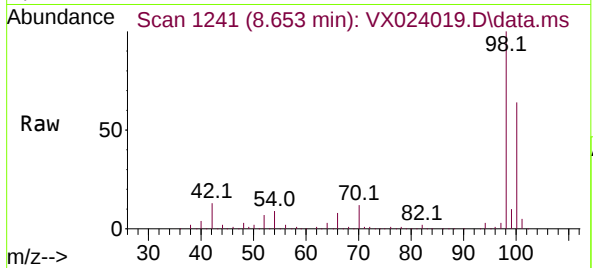




#50
Toluene-d8
Concen: 48.841 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

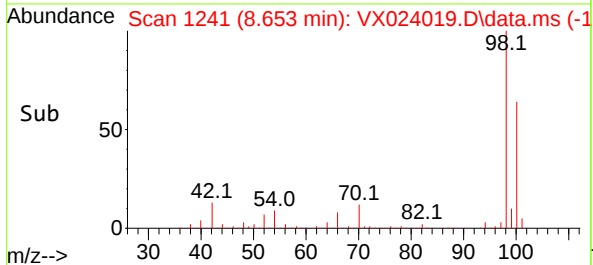
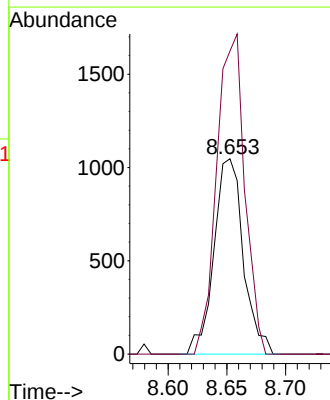
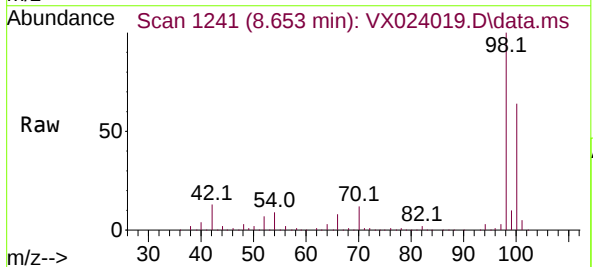
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210827

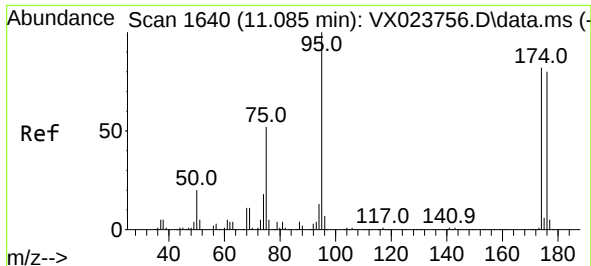
Tgt Ion: 98 Resp: 348569
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
58 156.3 35.4 53.0#

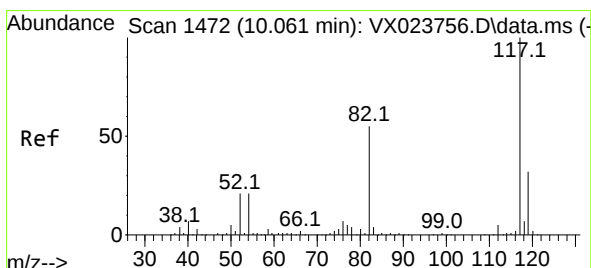
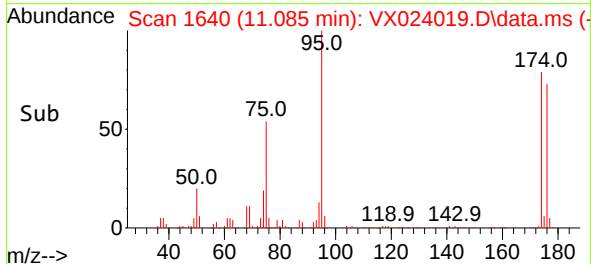
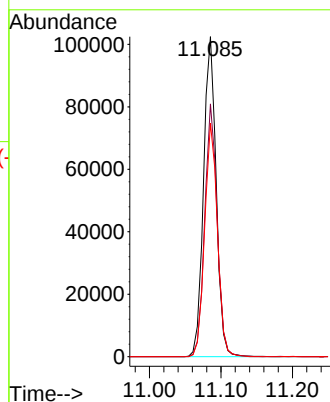
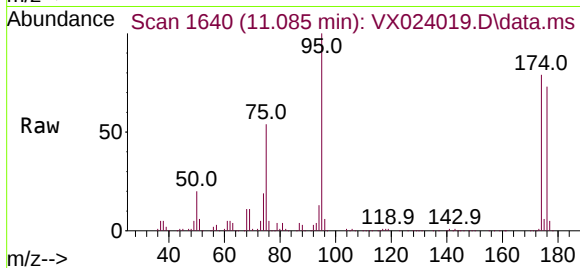




#62
4-Bromofluorobenzene
Concen: 47.841 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

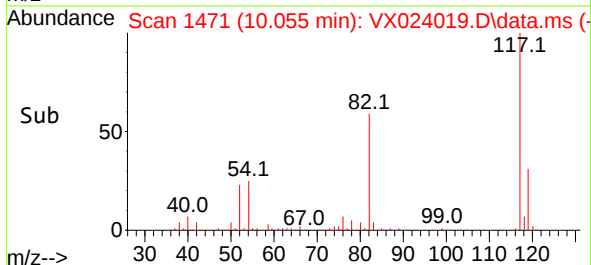
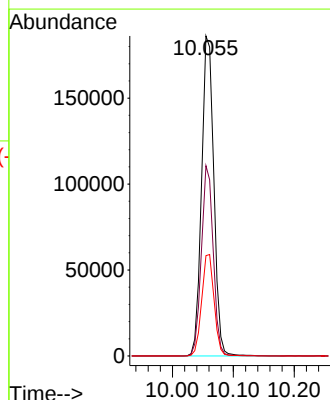
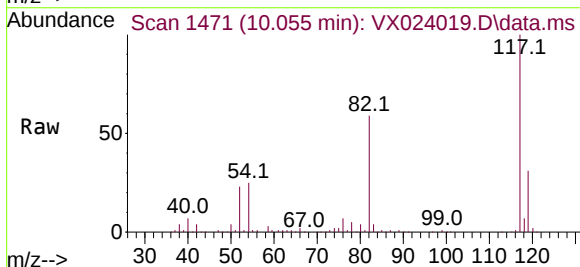
Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210827

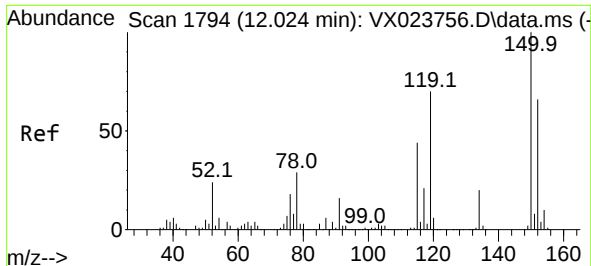
Tgt Ion: 95 Resp: 125691
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion: 117 Resp: 260704
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.3 26.6 39.8

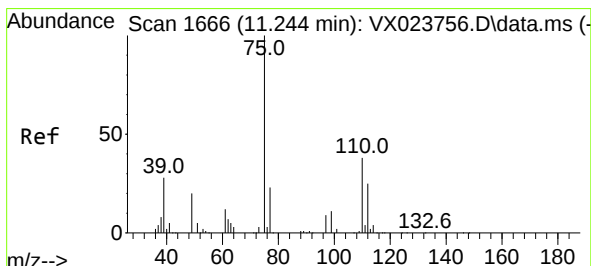
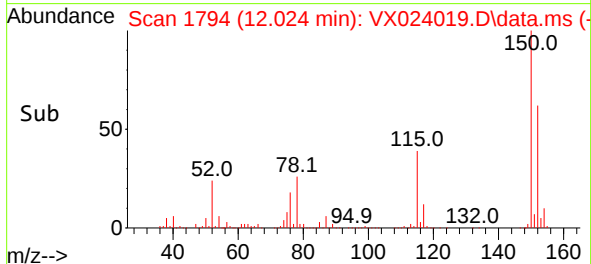
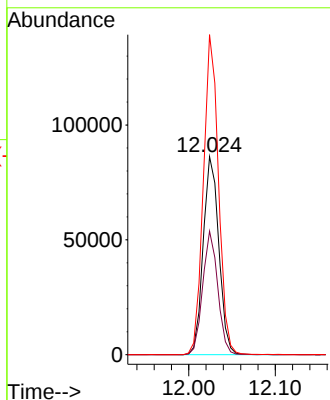
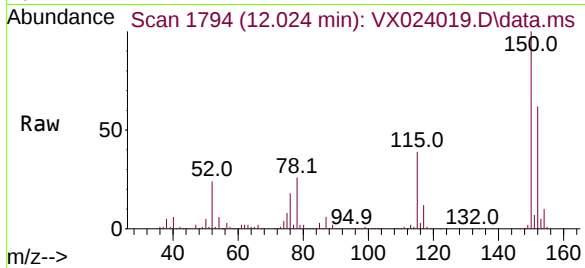




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024019.D
 Acq: 30 Aug 2021 17:03

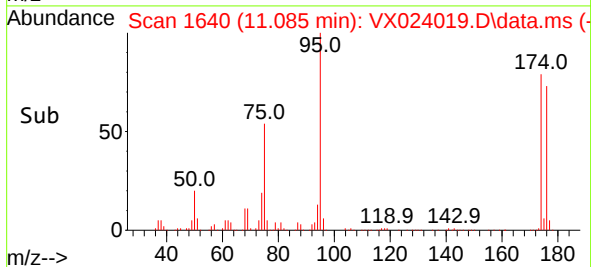
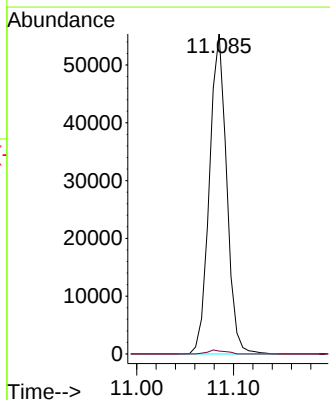
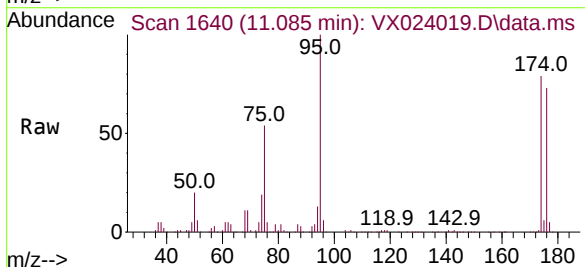
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20210827

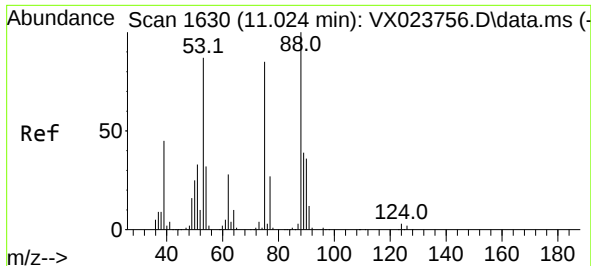
Tgt Ion:152 Resp: 107905
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 156.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.261 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024019.D
 Acq: 30 Aug 2021 17:03

Tgt Ion: 75 Resp: 68619
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

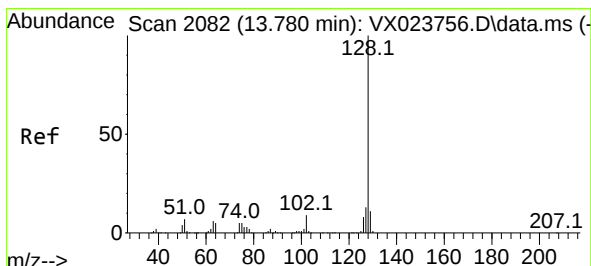
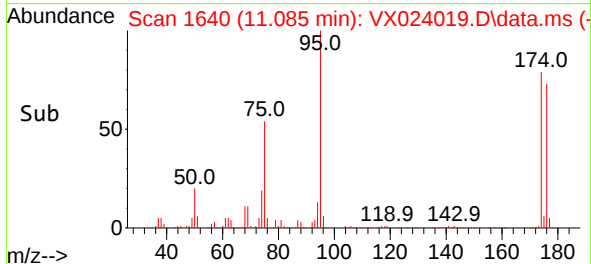
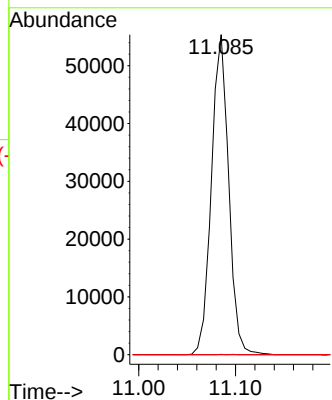
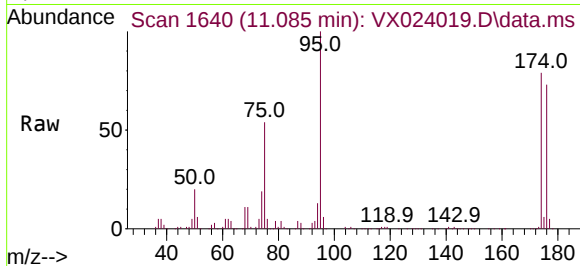




#81
trans-1,4-Dichloro-2-butene
Concen: 80.188 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20210827

Tgt Ion: 75 Resp: 68619
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.305 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024019.D
Acq: 30 Aug 2021 17:03

Tgt Ion: 128 Resp: 185
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

