

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024317.D
 Acq On : 17 Sep 2021 18:19
 Operator : JC/MD
 Sample : M3782-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20210914

Quant Time: Sep 20 01:59:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

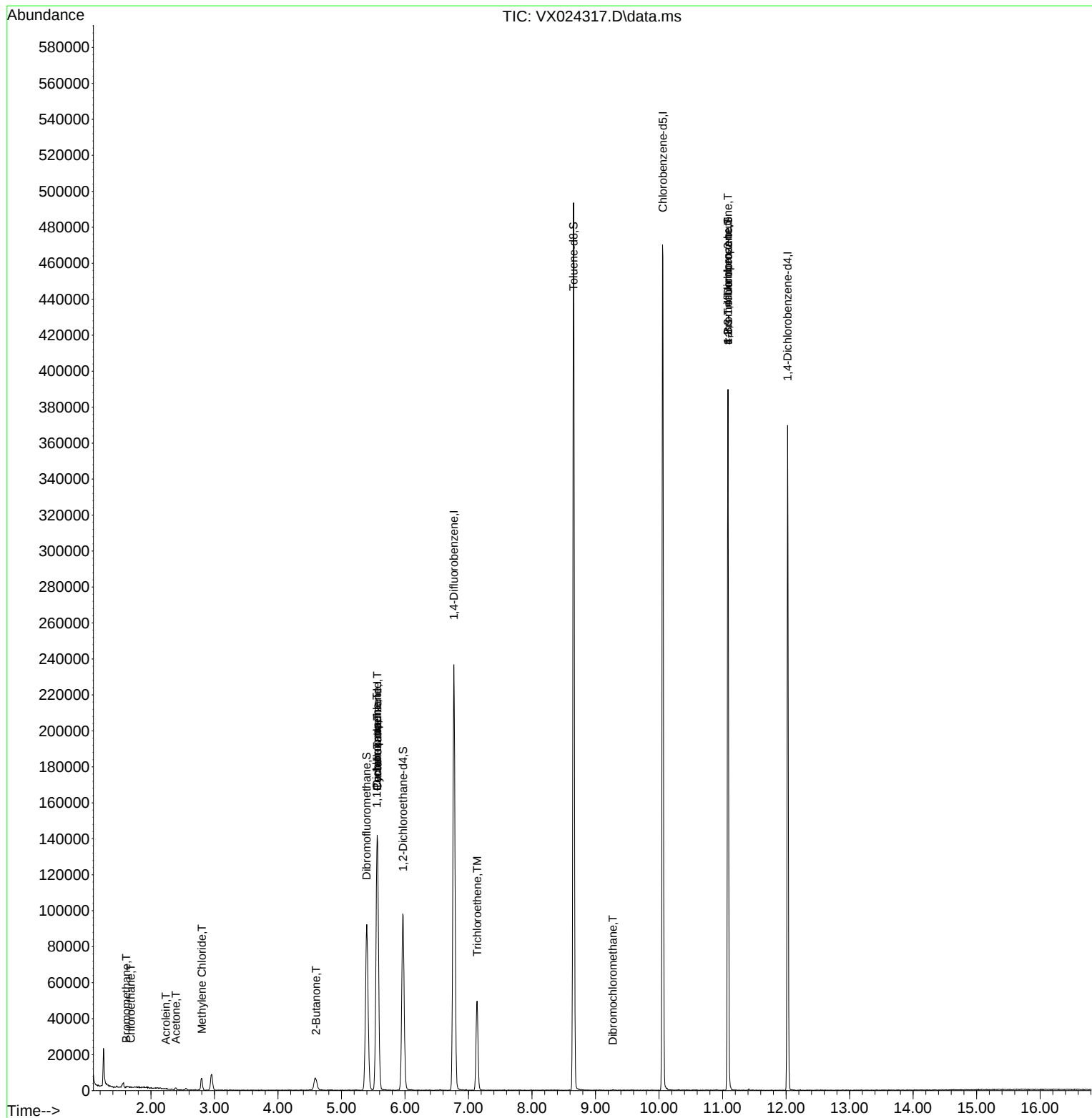
Internal Standards						
1) Pentafluorobenzene	5.562	168	131484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	218096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99884	53.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.540%	
35) Dibromofluoromethane	5.397	113	78423	50.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	8.653	98	284569	50.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.020%	
62) 4-Bromofluorobenzene	11.085	95	98866	45.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	298	0.381	ug/l #	42
6) Chloroethane	1.684	64	214	2.194	ug/l #	43
11) Tert butyl alcohol	2.952	59	5341	Below Cal	#	73
13) Acrolein	2.233	56	37	0.299	ug/l #	14
16) Acetone	2.392	43	1463	1.830	ug/l #	86
20) Methylene Chloride	2.800	84	3282	2.138	ug/l	93
25) 2-Butanone	4.598	43	555	0.471	ug/l #	45
31) Cyclohexane	5.562	56	2924	1.333	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	11057	5.215	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14206	5.953	ug/l #	16
44) Trichloroethene	7.135	130	19066	11.160	ug/l	94
60) Dibromochloromethane	9.274	129	19	1.736	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	53455	31.491	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	53455	92.615	ug/l #	12

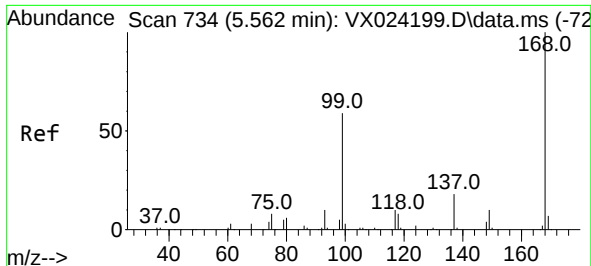
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
Data File : VX024317.D
Acq On : 17 Sep 2021 18:19
Operator : JC/MD
Sample : M3782-05 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

Quant Time: Sep 20 01:59:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration

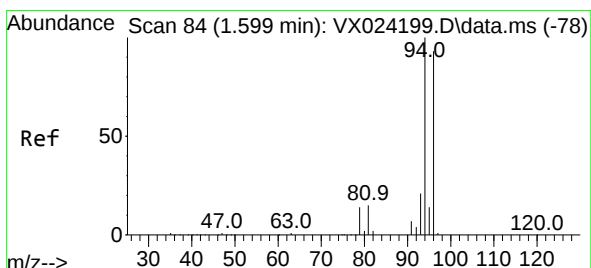
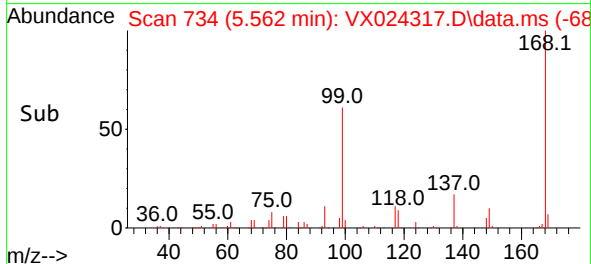
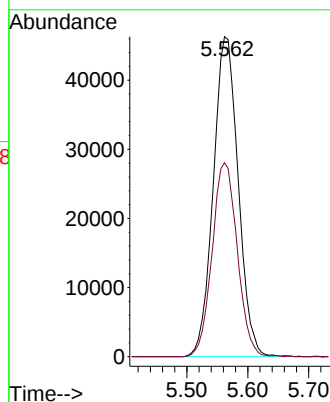
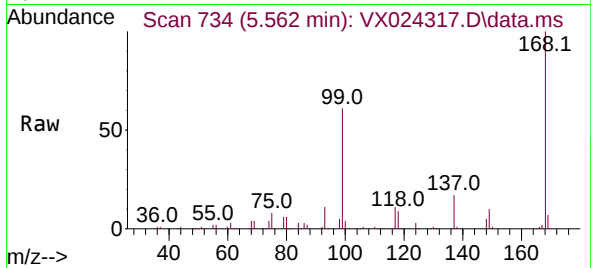




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

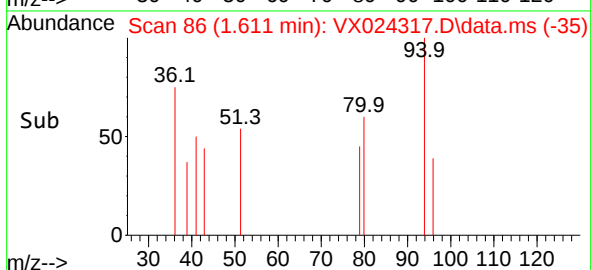
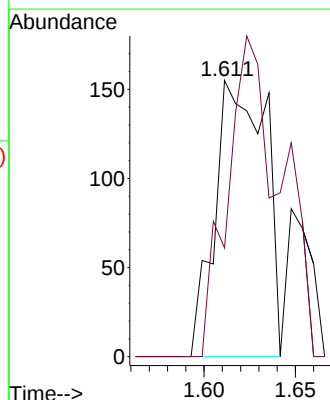
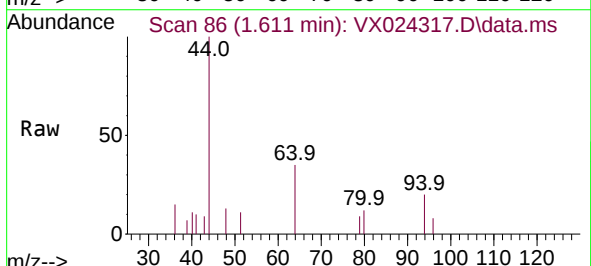
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

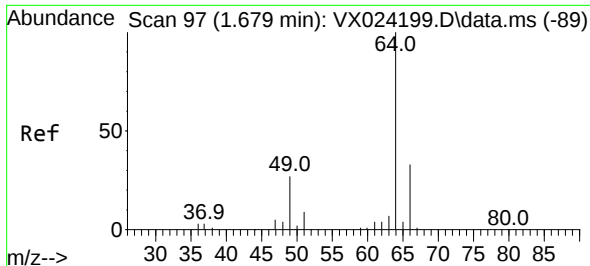
Tgt Ion:168 Resp: 131484
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#5
Bromomethane
Concen: 0.381 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion: 94 Resp: 298
Ion Ratio Lower Upper
94 100
96 39.4 76.4 114.6#

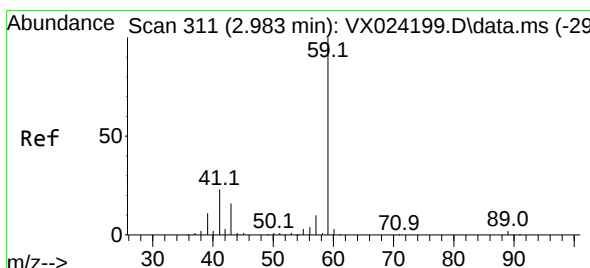
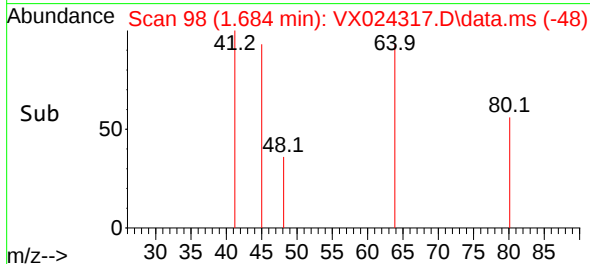
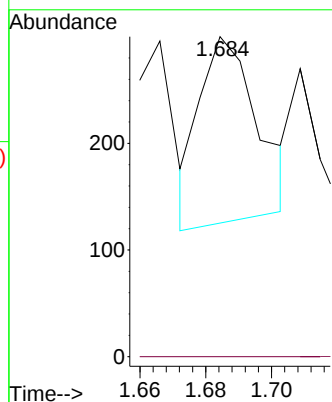
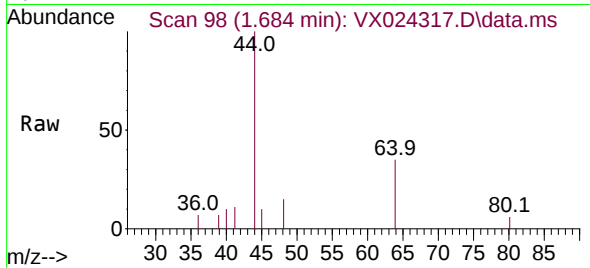




#6
Chloroethane
Concen: 2.194 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

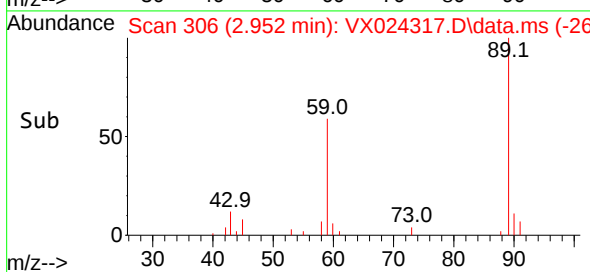
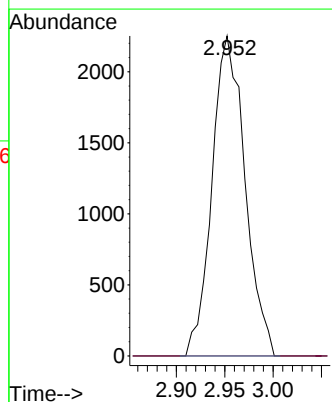
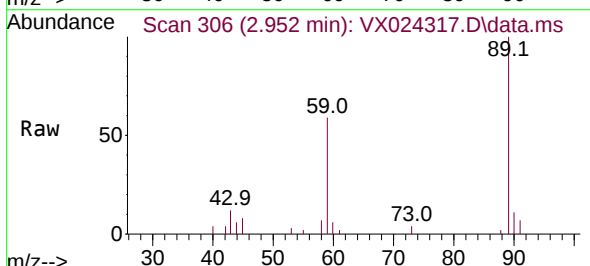
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

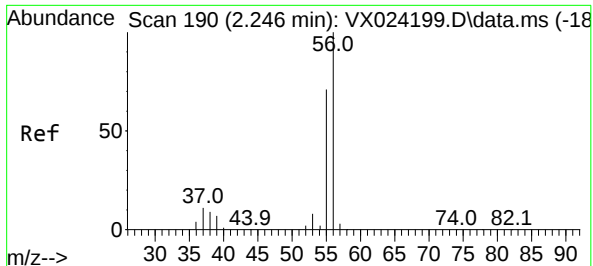
Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion: 59 Resp: 5341
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

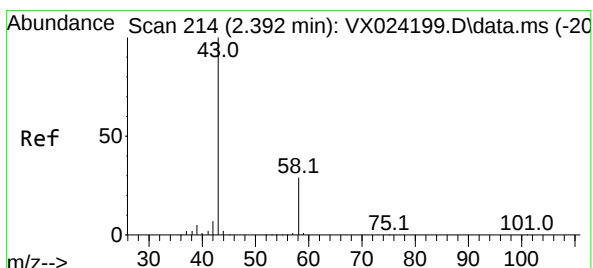
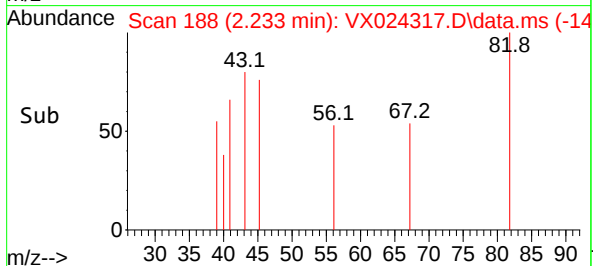
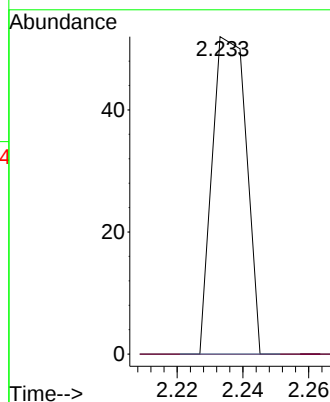
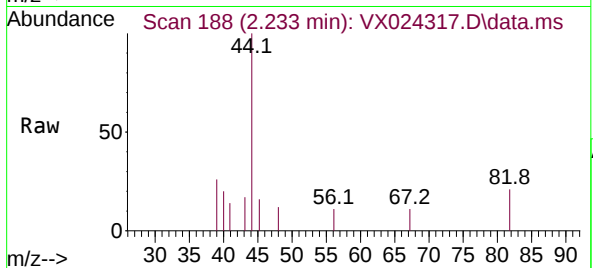




#13
Acrolein
Concen: 0.299 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.013 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

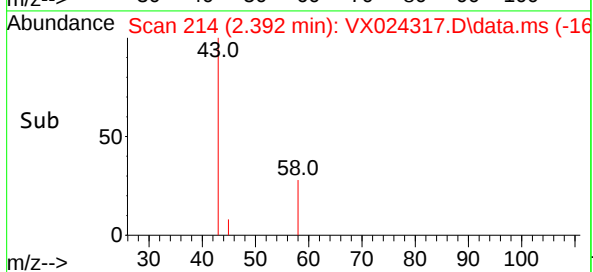
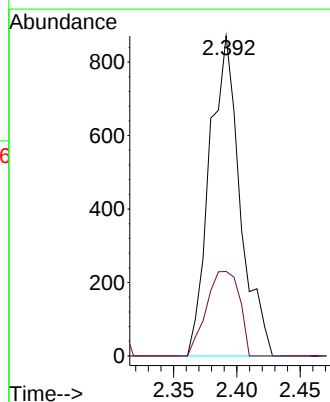
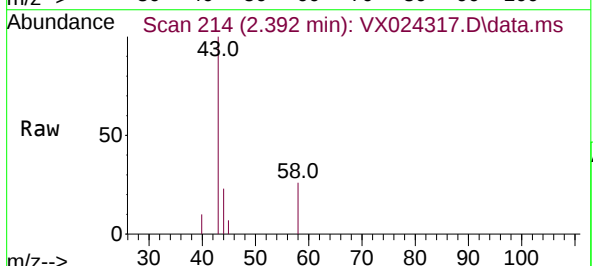
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

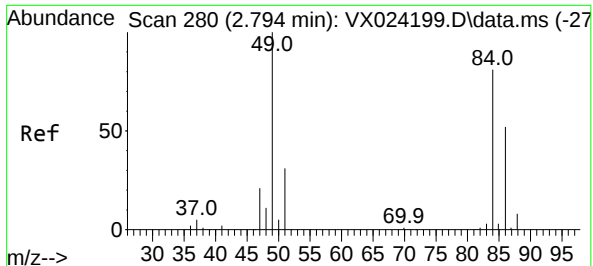
Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.830 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#





#20

Methylene Chloride

Concen: 2.138 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024317.D

Acq: 17 Sep 2021 18:19

Tgt Ion: 84 Resp: 3282

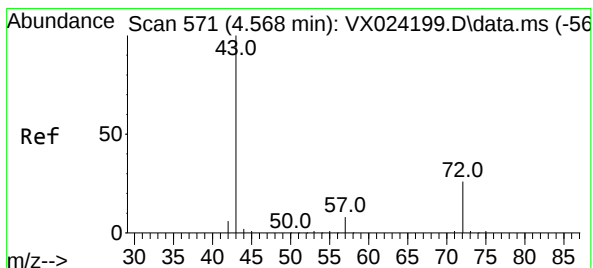
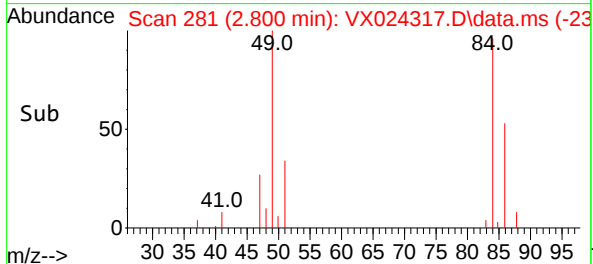
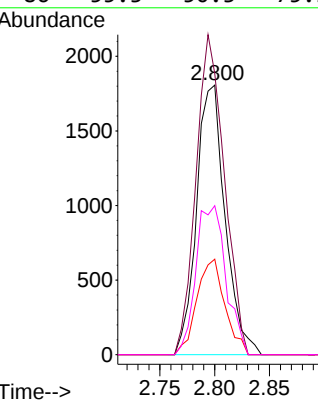
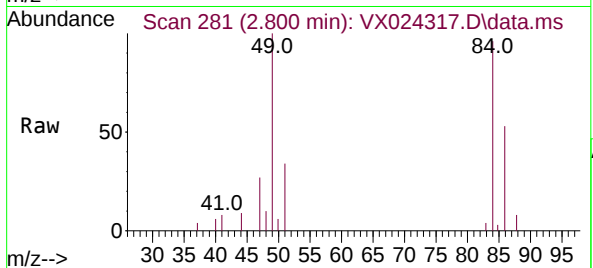
Ion Ratio Lower Upper

84 100

49 104.3 88.6 132.8

51 35.5 27.0 40.6

86 55.3 50.3 75.5



#25

2-Butanone

Concen: 0.471 ug/l

RT: 4.598 min Scan# 576

Delta R.T. 0.030 min

Lab File: VX024317.D

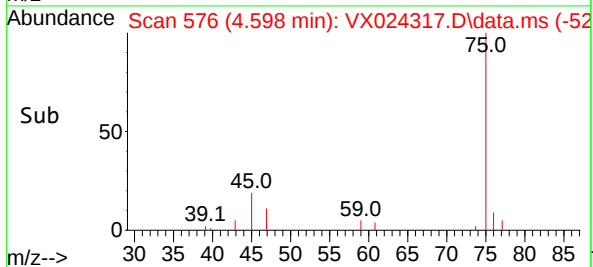
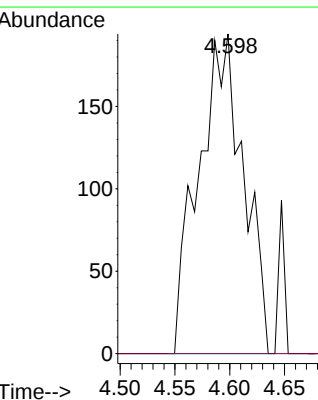
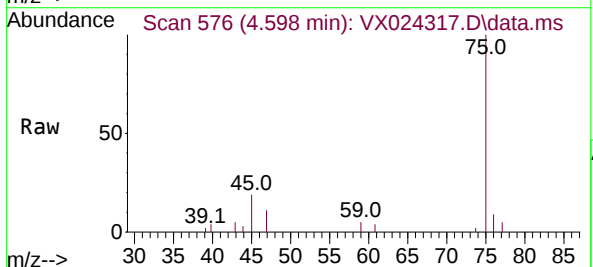
Acq: 17 Sep 2021 18:19

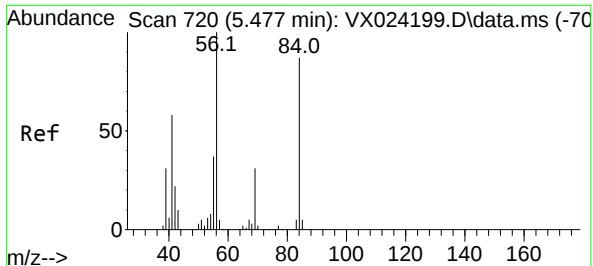
Tgt Ion: 43 Resp: 555

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

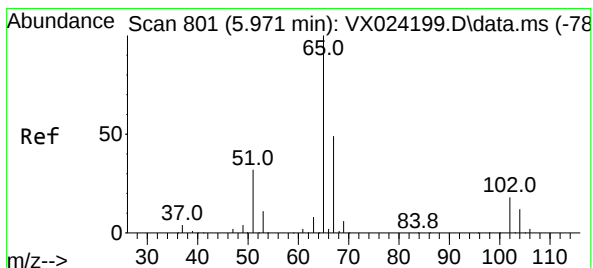
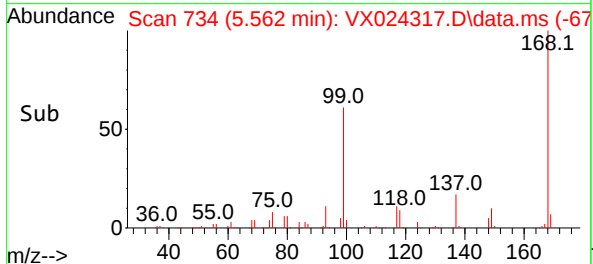
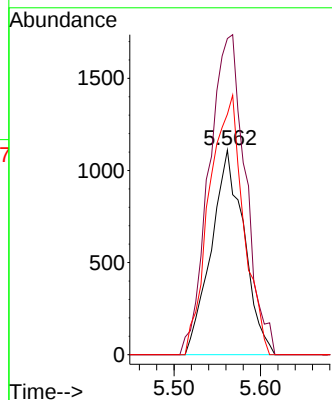
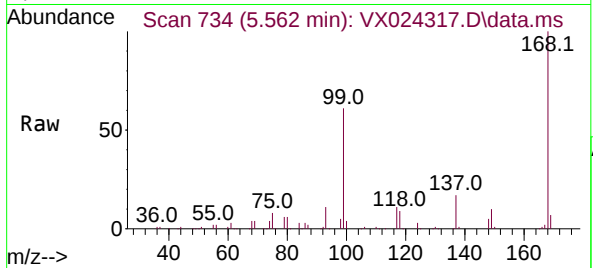




#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

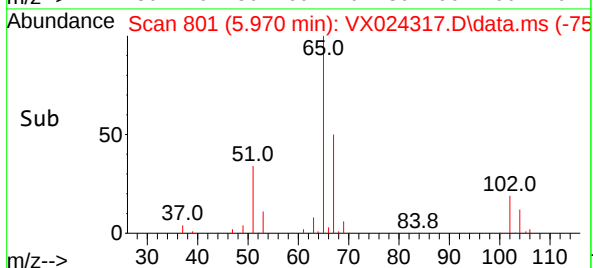
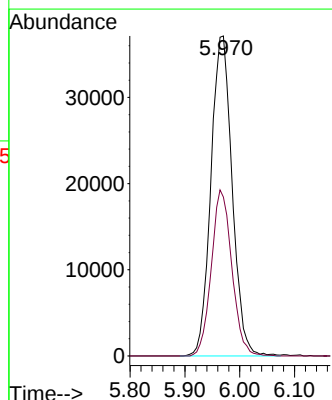
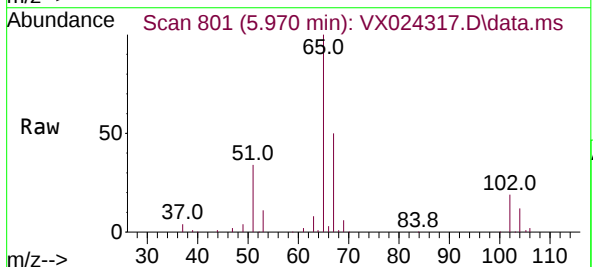
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

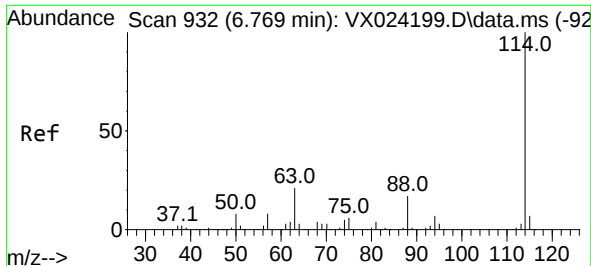
Tgt Ion: 56 Resp: 2924
Ion Ratio Lower Upper
56 100
69 154.5 25.3 37.9#
84 117.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.274 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion: 65 Resp: 99884
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

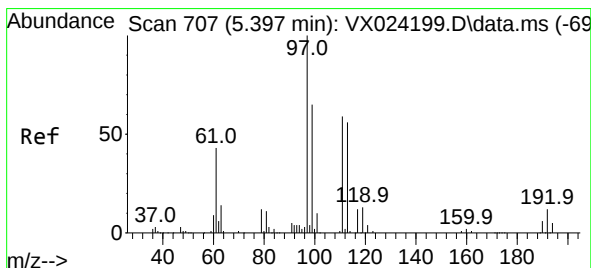
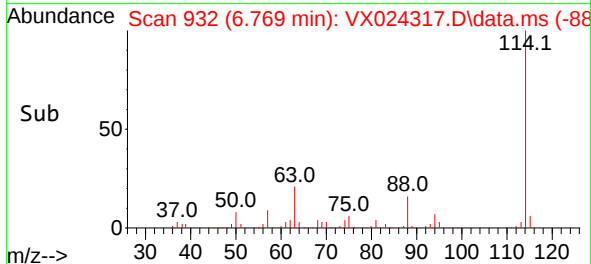
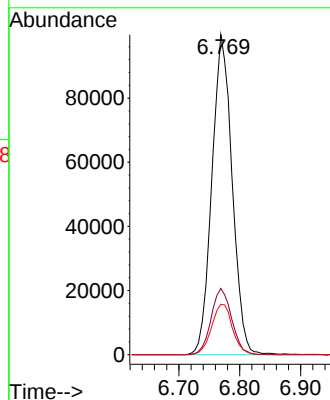
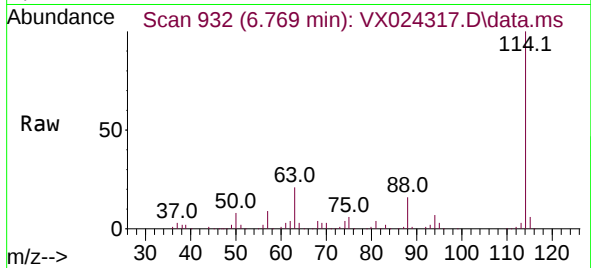




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

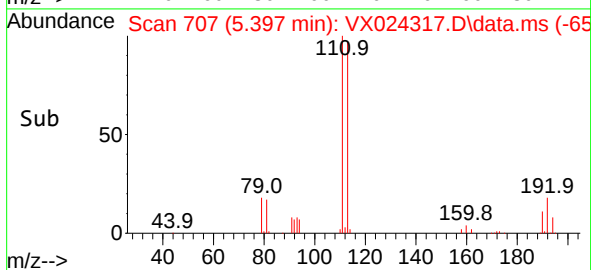
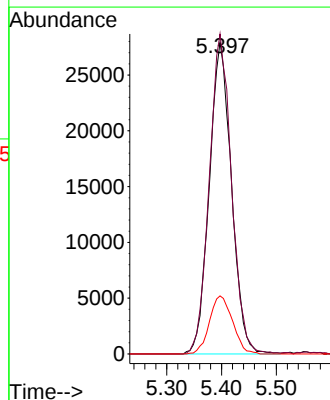
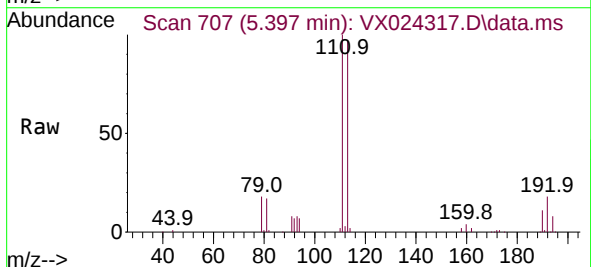
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

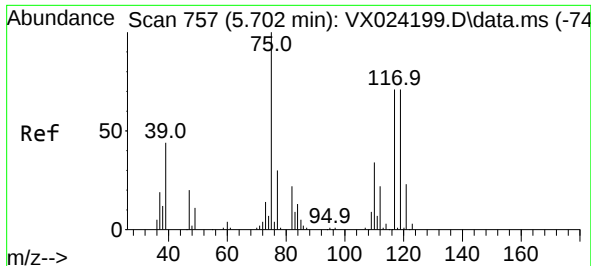
Tgt Ion:114 Resp: 230595
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.711 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion:113 Resp: 78423
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.4 16.7 25.1

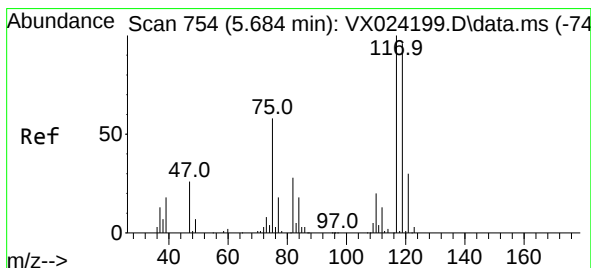
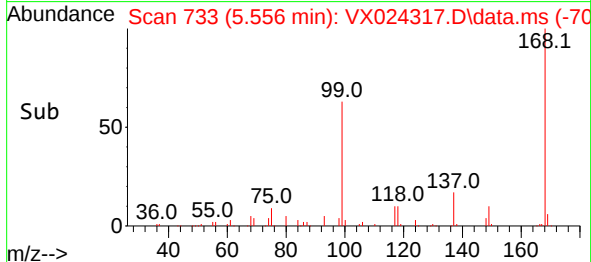
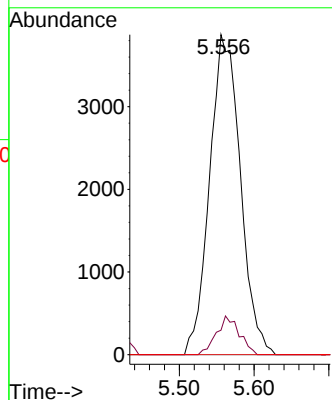
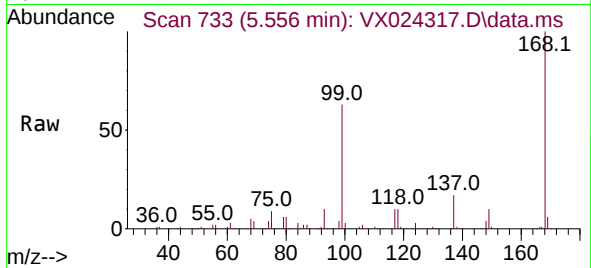




#36
1,1-Dichloropropene
Concen: 5.215 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

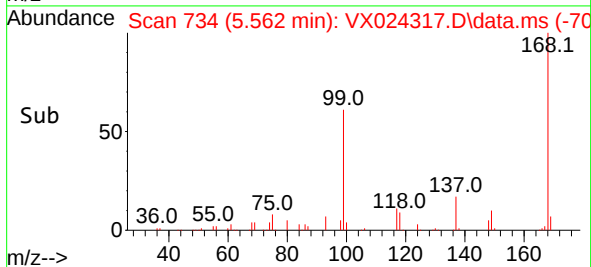
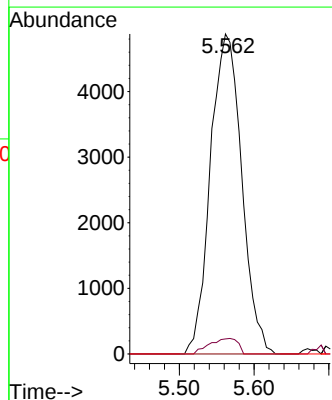
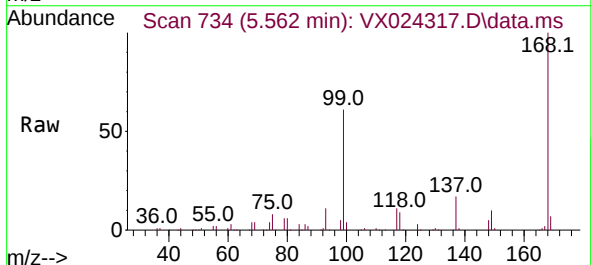
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

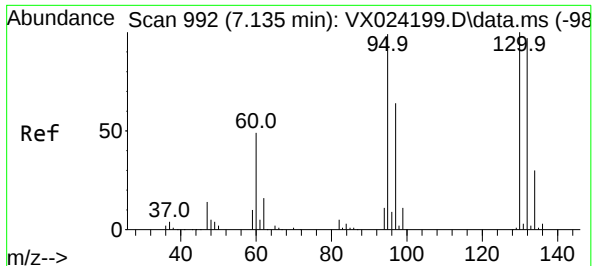
Tgt Ion: 75 Resp: 11057
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion: 117 Resp: 14206
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

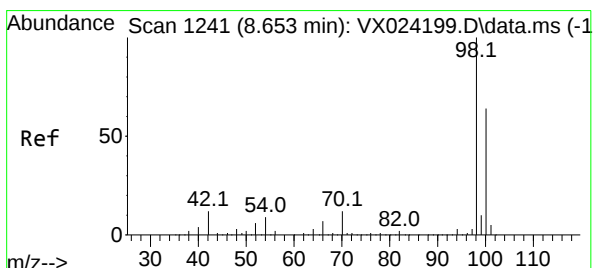
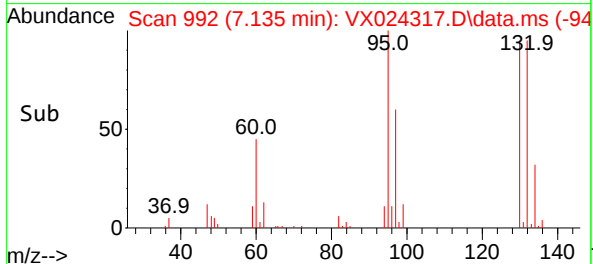
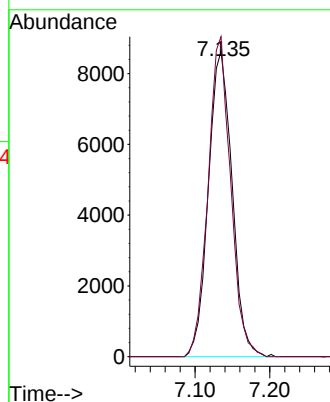
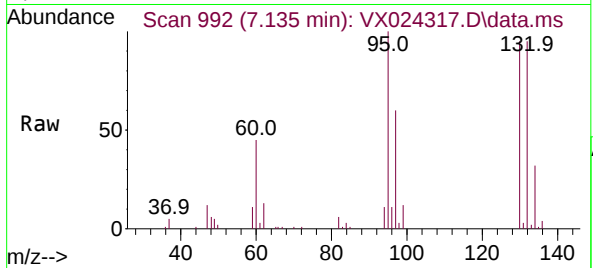




#44
Trichloroethene
Concen: 11.160 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

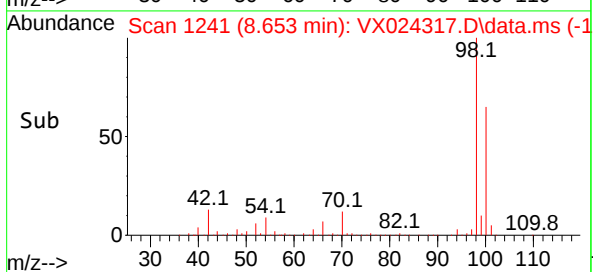
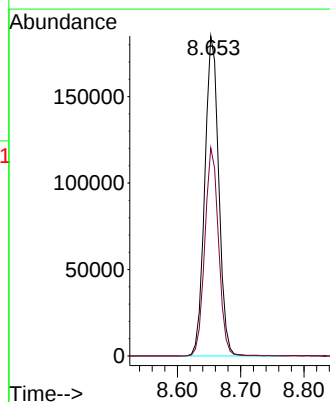
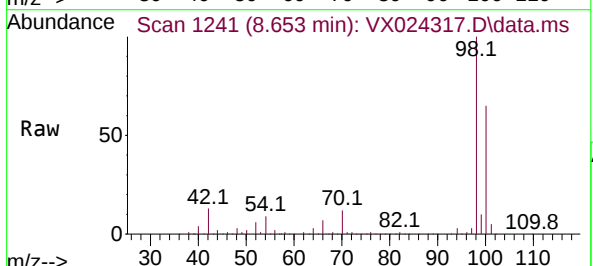
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

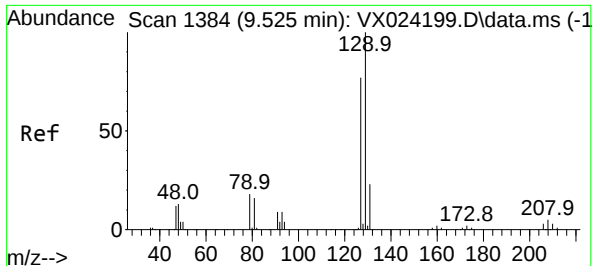
Tgt Ion:130 Resp: 19066
Ion Ratio Lower Upper
130 100
95 104.8 0.0 198.0



#50
Toluene-d8
Concen: 50.512 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion: 98 Resp: 284569
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9





#60

Dibromochloromethane

Concen: 1.736 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.251 min

Lab File: VX024317.D

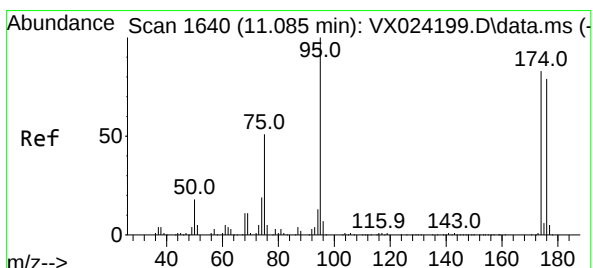
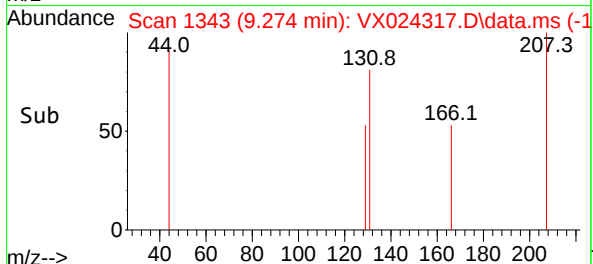
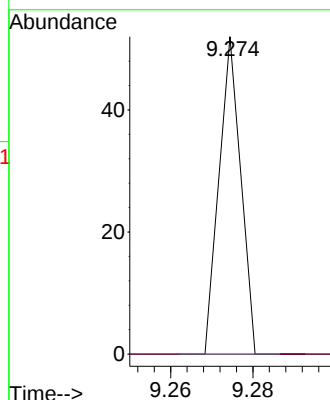
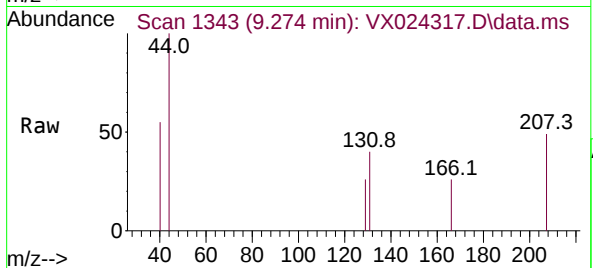
Acq: 17 Sep 2021 18:19

Tgt Ion:129 Resp: 19

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 45.094 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024317.D

Acq: 17 Sep 2021 18:19

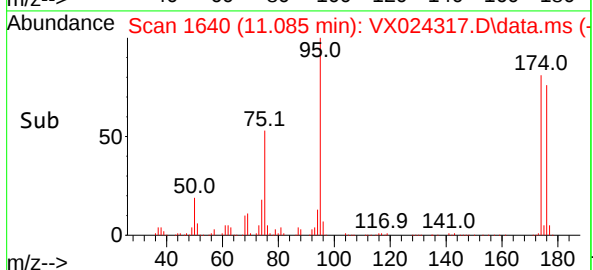
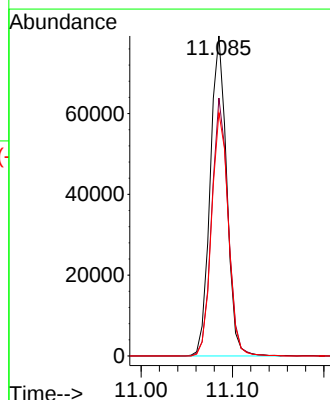
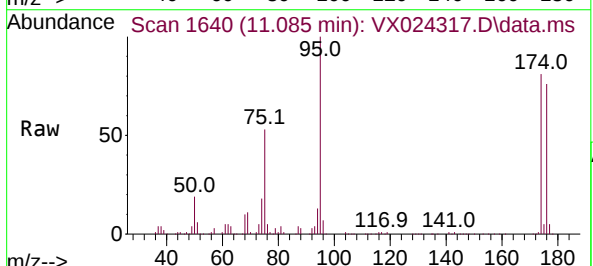
Tgt Ion: 95 Resp: 98866

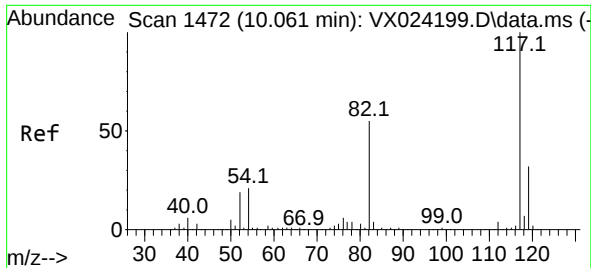
Ion Ratio Lower Upper

95 100

174 80.3 0.0 154.6

176 77.5 0.0 155.8

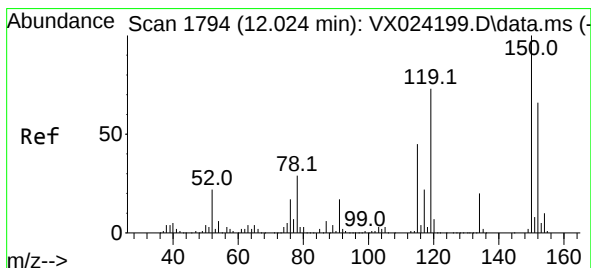
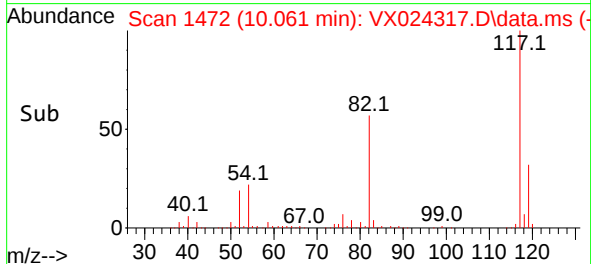
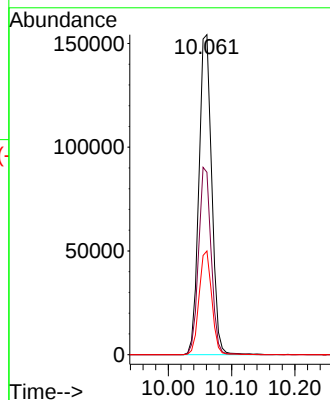
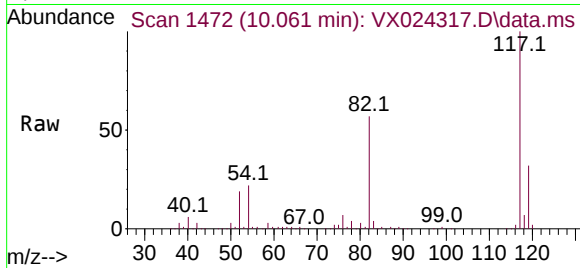




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

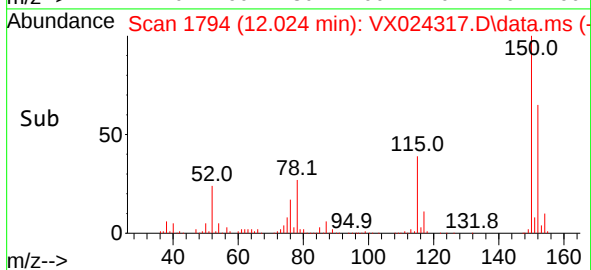
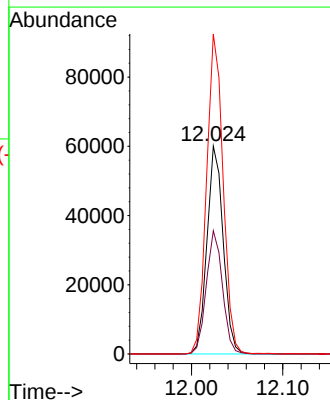
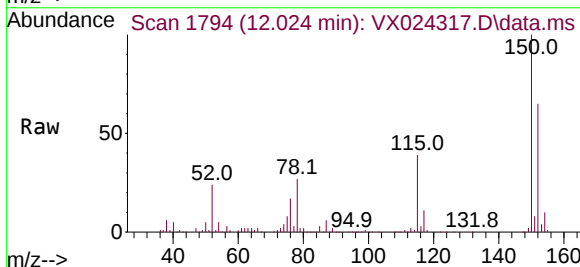
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

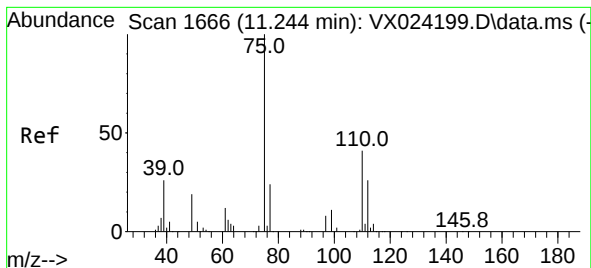
Tgt Ion:117 Resp: 218096
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion:152 Resp: 73822
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 156.3 0.0 349.0

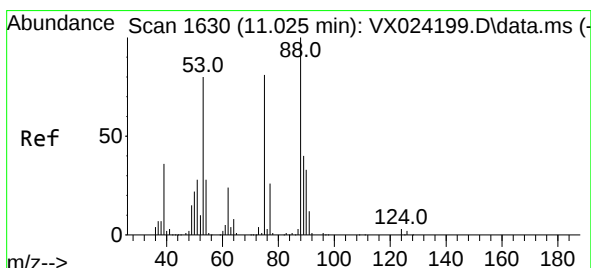
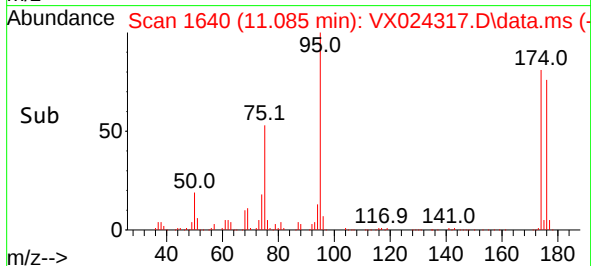
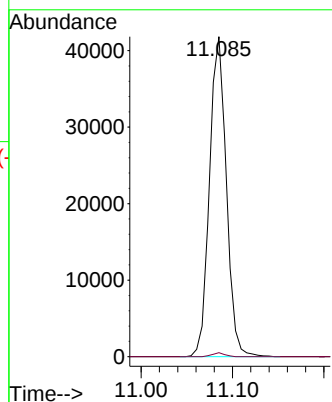
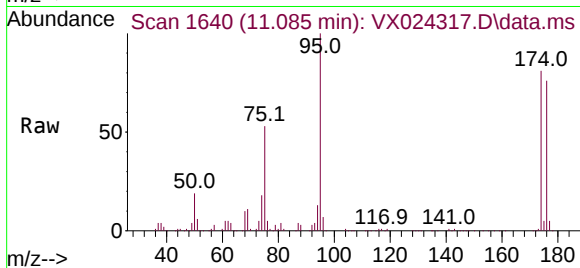




#76
1,2,3-Trichloropropane
Concen: 31.491 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20210914

Tgt Ion: 75 Resp: 53455
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.615 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024317.D
Acq: 17 Sep 2021 18:19

Tgt Ion: 75 Resp: 53455
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

