

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024398.D
 Acq On : 21 Sep 2021 19:57
 Operator : JC/MD
 Sample : M3818-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 04:53:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

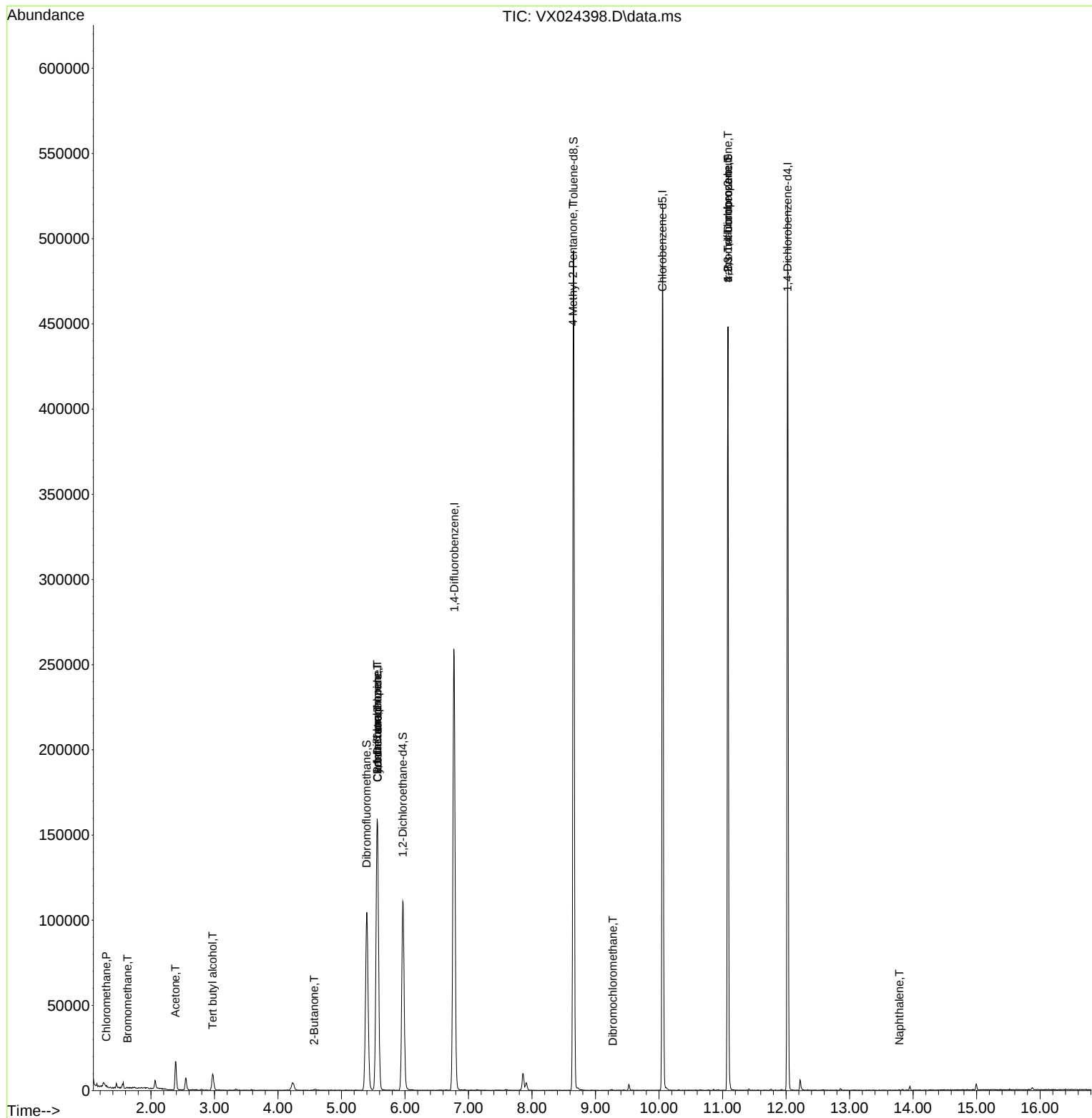
Internal Standards						
1) Pentafluorobenzene	5.562	168	149577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	264252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112763	52.868	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.740%	
35) Dibromofluoromethane	5.397	113	88849	50.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.280%	
50) Toluene-d8	8.653	98	290922	45.062	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.120%#	
62) 4-Bromofluorobenzene	11.085	95	116035	46.184	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	497	0.331	ug/l #	88
5) Bromomethane	1.630	94	315	0.354	ug/l #	46
11) Tert butyl alcohol	2.971	59	10559	2.560	ug/l	99
16) Acetone	2.386	43	18060	19.858	ug/l	98
25) 2-Butanone	4.568	43	339	0.253	ug/l #	85
31) Cyclohexane	5.568	56	2935	1.176	ug/l #	14
36) 1,1-Dichloropropene	5.562	75	11549	4.754	ug/l #	45
38) Carbon Tetrachloride	5.568	117	15807	5.781	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1537	0.535	ug/l #	1
60) Dibromochloromethane	9.275	129	22	1.736	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60394	25.463	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	60394	74.888	ug/l #	12
95) Naphthalene	13.786	128	256	1.321	ug/l #	69

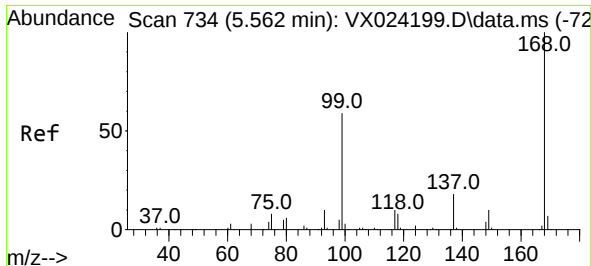
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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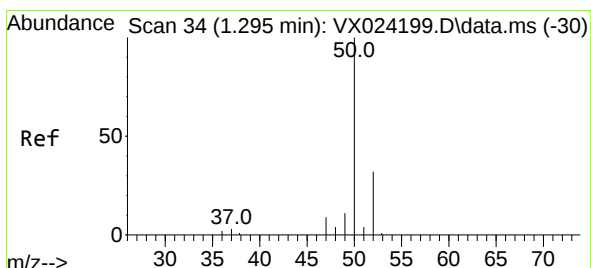
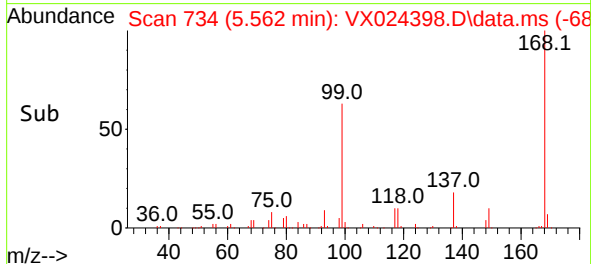
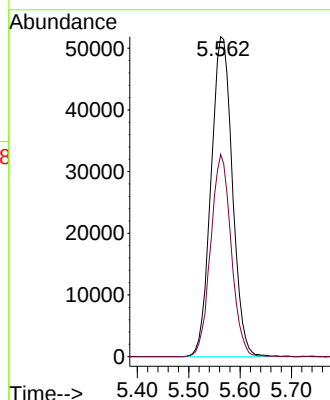
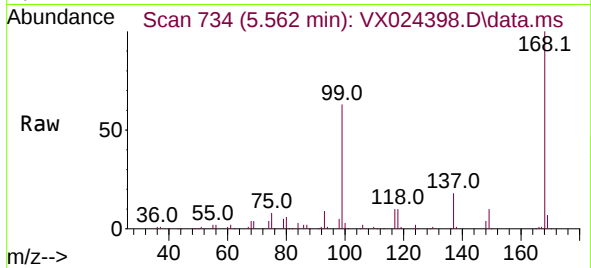




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

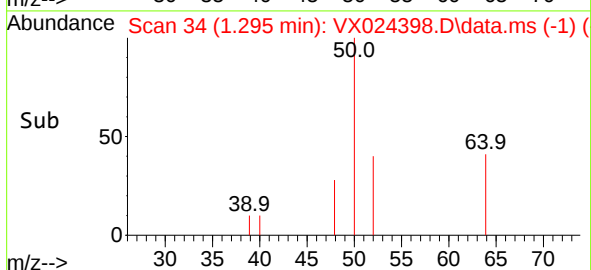
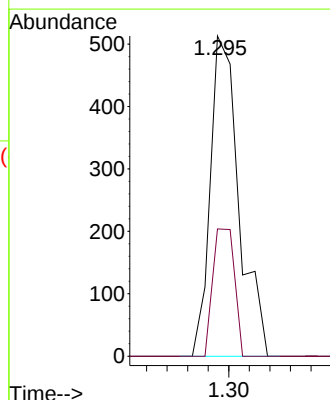
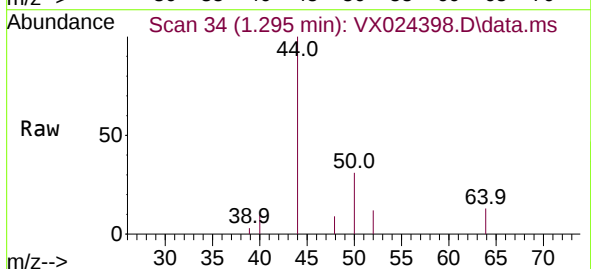
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 149577
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#3
Chloromethane
Concen: 0.331 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 39.8 26.4 39.6#

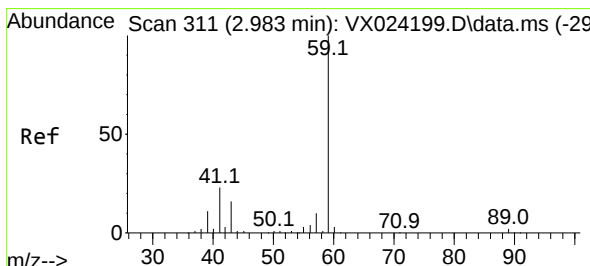
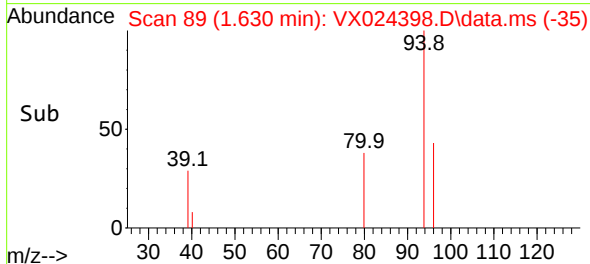
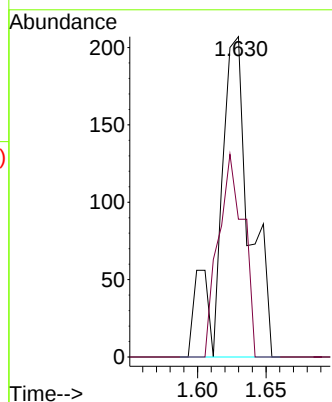
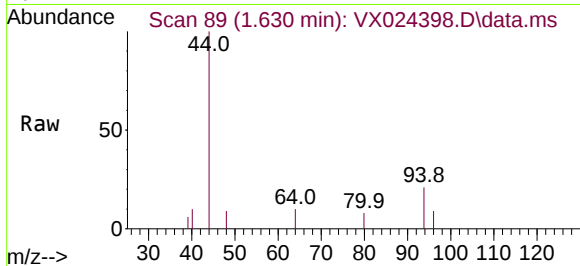




#5
Bromomethane
Concen: 0.354 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

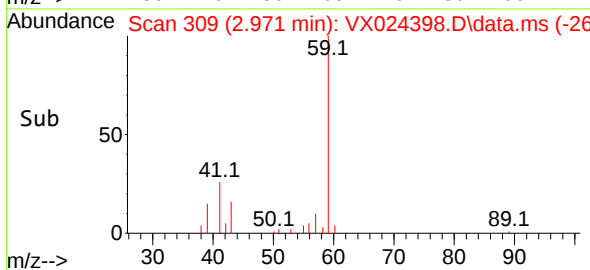
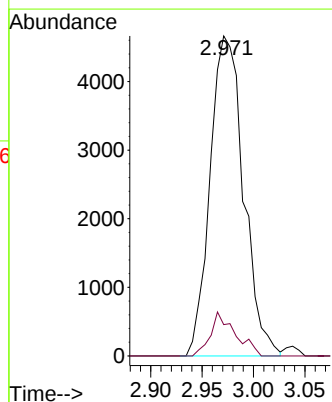
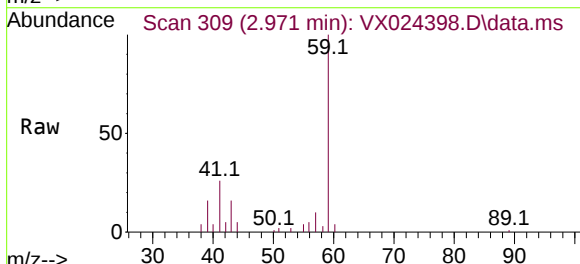
Instrument :
MSVOA_N
ClientSampled :

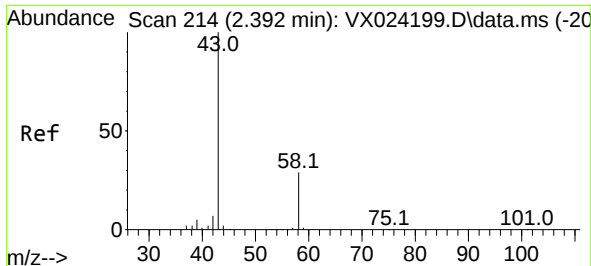
Tgt Ion: 94 Resp: 315
Ion Ratio Lower Upper
94 100
96 43.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 2.560 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

Tgt Ion: 59 Resp: 10559
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

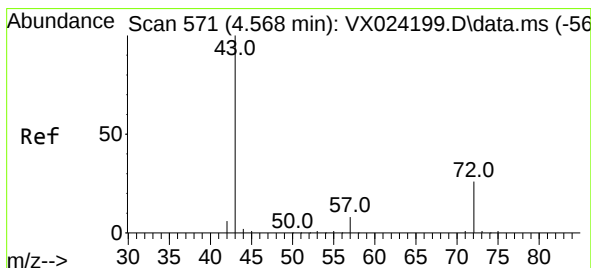
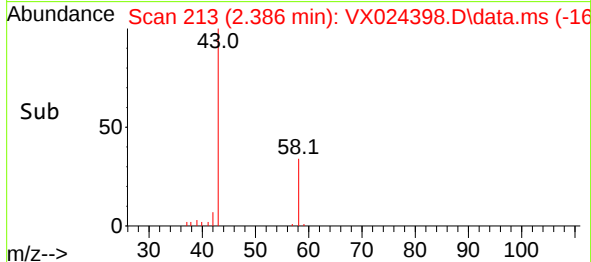
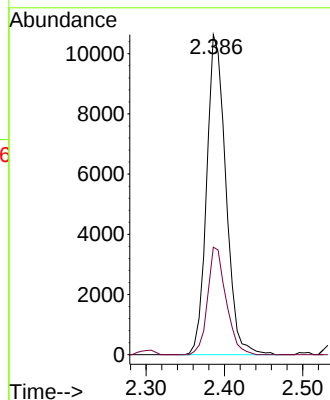
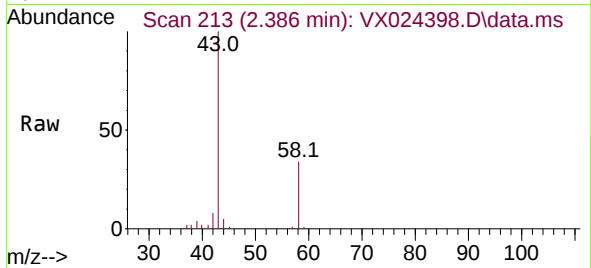




#16
Acetone
Concen: 19.858 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

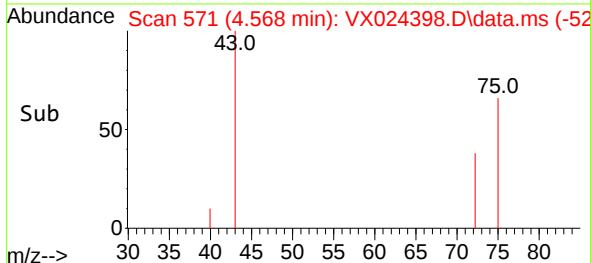
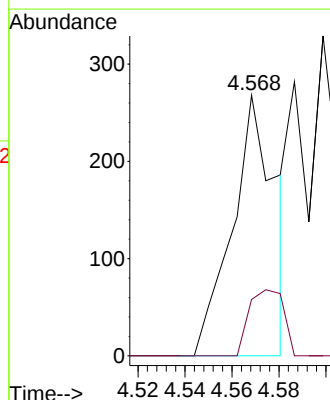
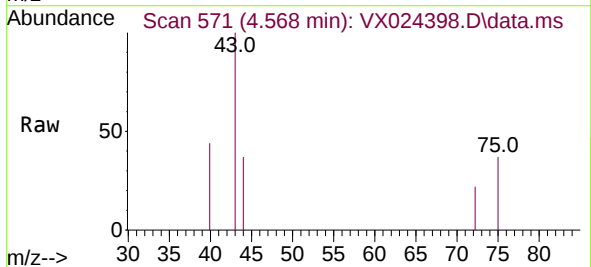
Instrument :
MSVOA_N
ClientSampled :

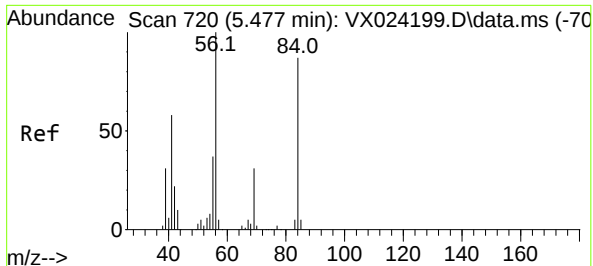
Tgt Ion: 43 Resp: 18060
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.8



#25
2-Butanone
Concen: 0.253 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
72 21.6 23.7 35.5#

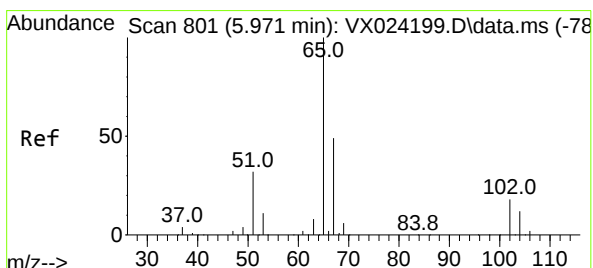
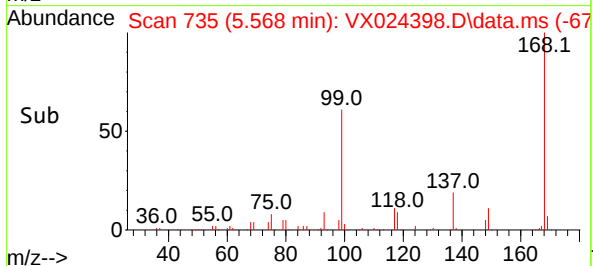
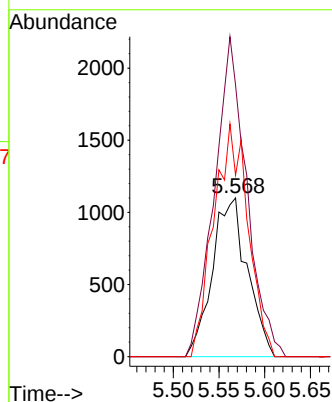
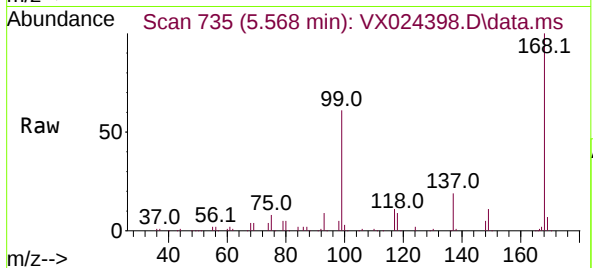




#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

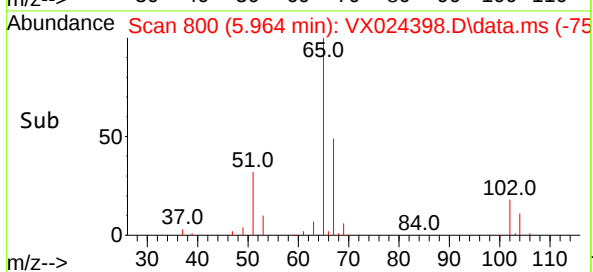
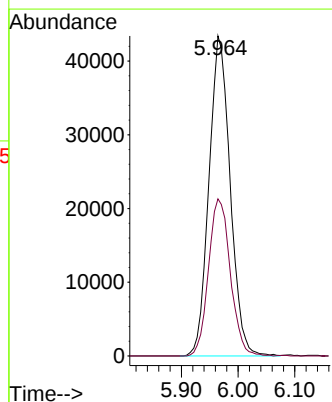
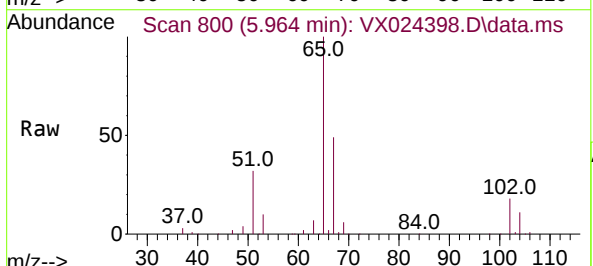
Instrument :
MSVOA_N
ClientSampled :

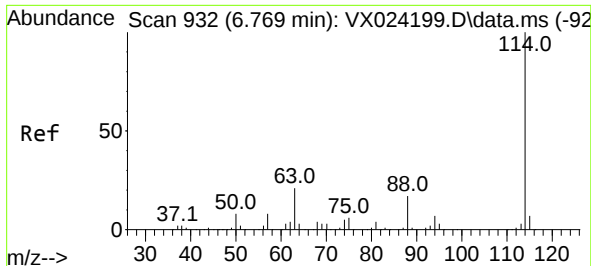
Tgt Ion: 56 Resp: 2935
Ion Ratio Lower Upper
56 100
69 171.1 25.3 37.9#
84 114.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.868 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

Tgt Ion: 65 Resp: 112763
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: VX024398.D

Acq: 21 Sep 2021 19:57

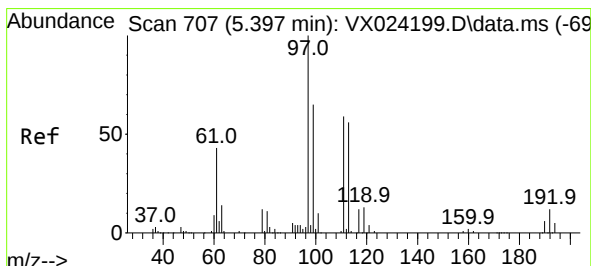
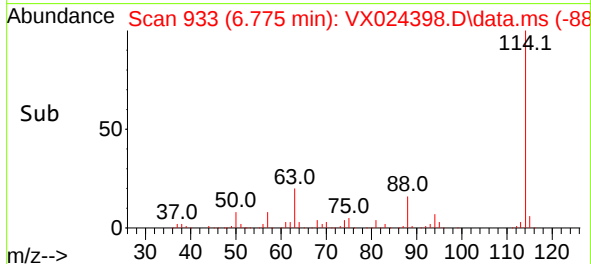
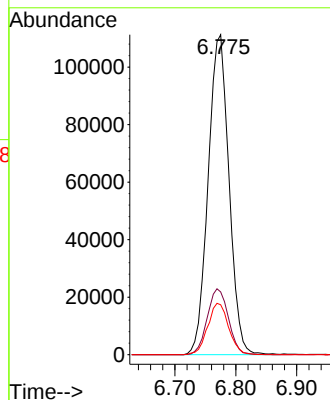
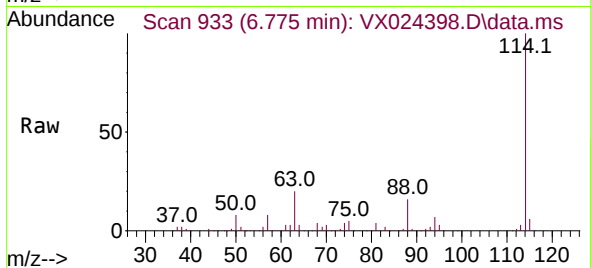
Tgt Ion:114 Resp: 264252

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.135 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024398.D

Acq: 21 Sep 2021 19:57

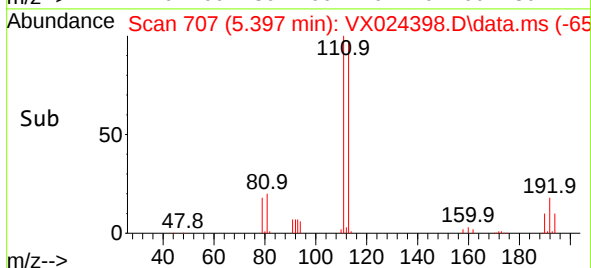
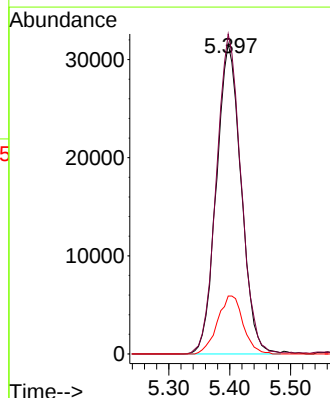
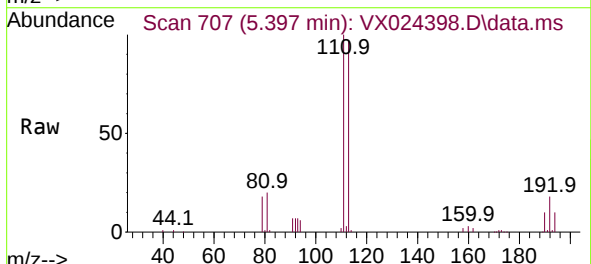
Tgt Ion:113 Resp: 88849

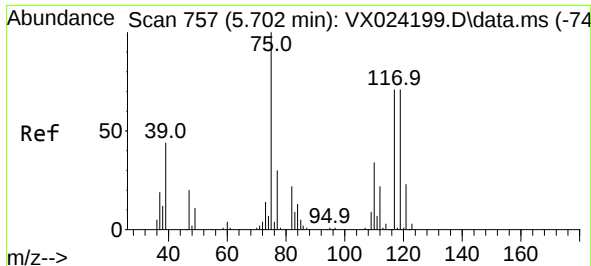
Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 19.4 16.7 25.1

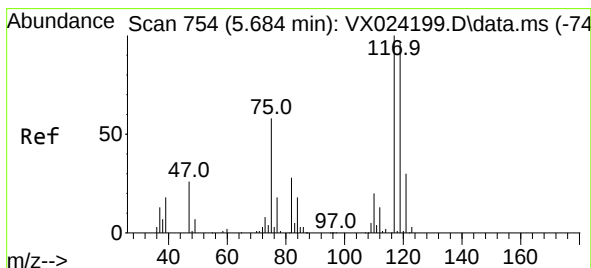
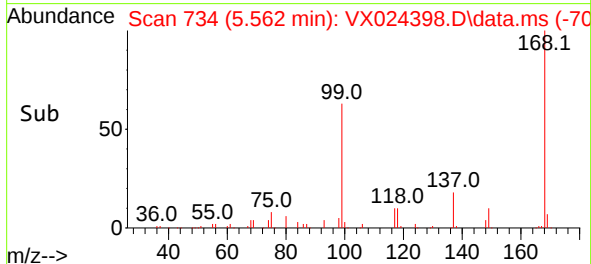
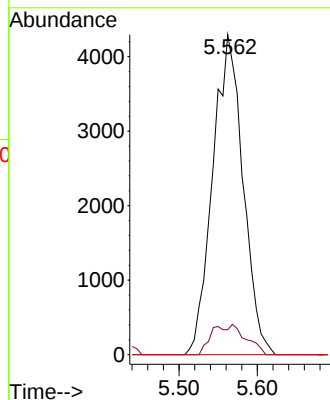
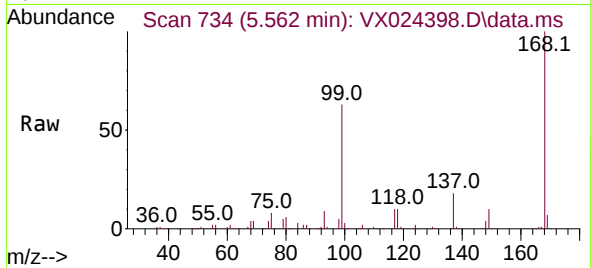




#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

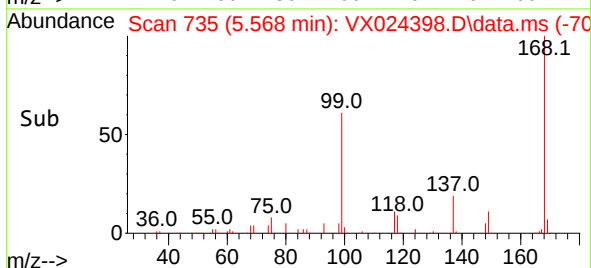
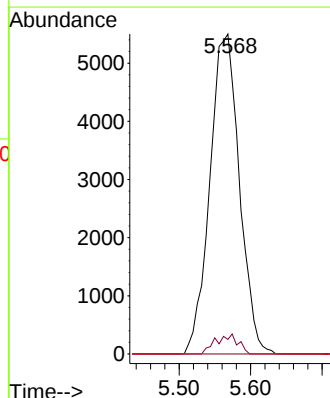
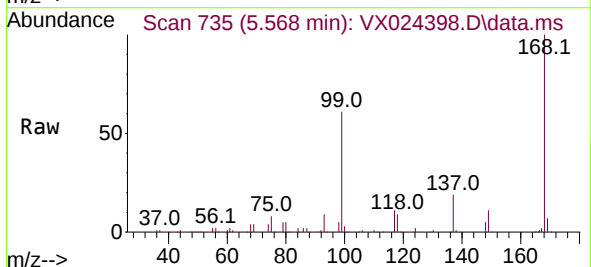
Instrument :
MSVOA_N
ClientSampled :

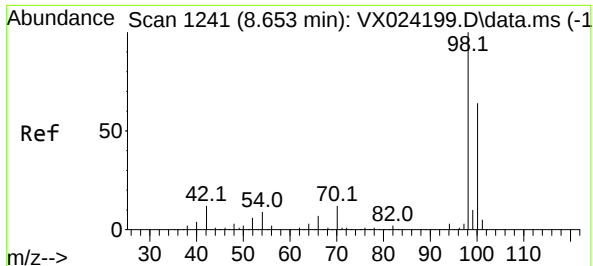
Tgt Ion: 75 Resp: 11549
Ion Ratio Lower Upper
75 100
110 4.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.781 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

Tgt Ion: 117 Resp: 15807
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

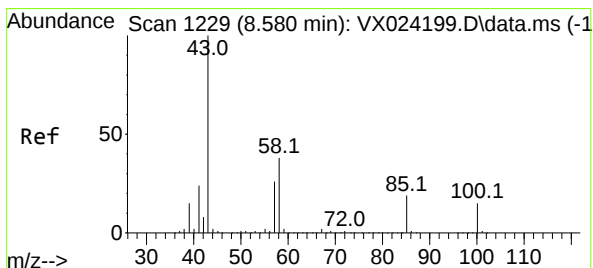
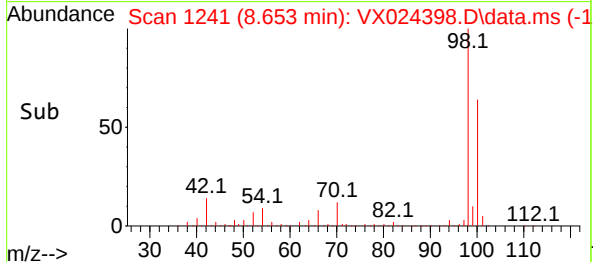
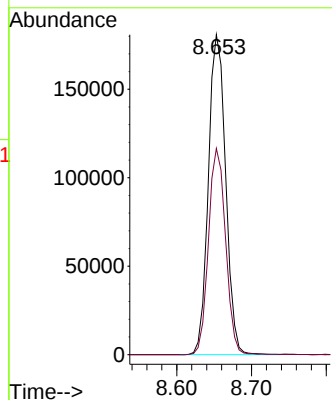
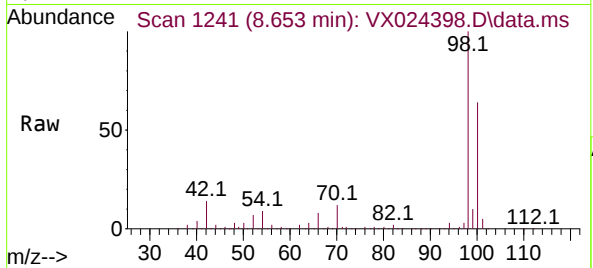




#50
Toluene-d8
Concen: 45.062 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

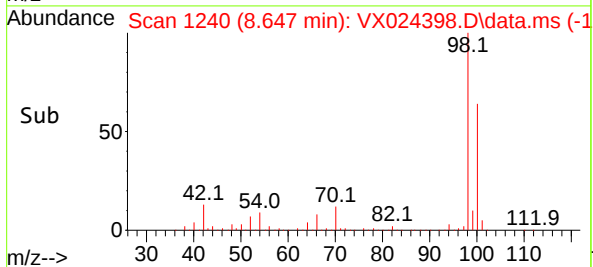
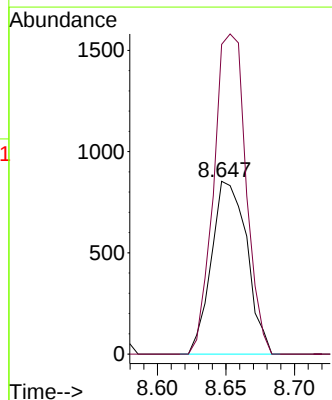
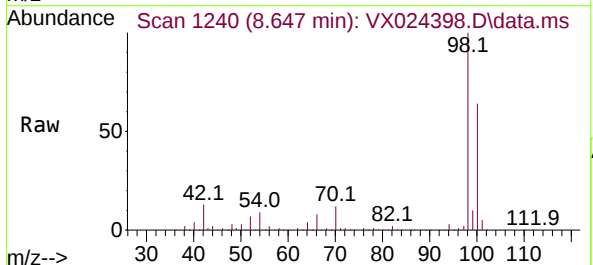
Instrument :
MSVOA_N
ClientSampled :

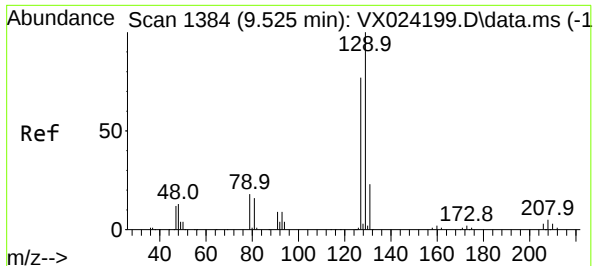
Tgt Ion: 98 Resp: 290922
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 168.8 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.736 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024398.D

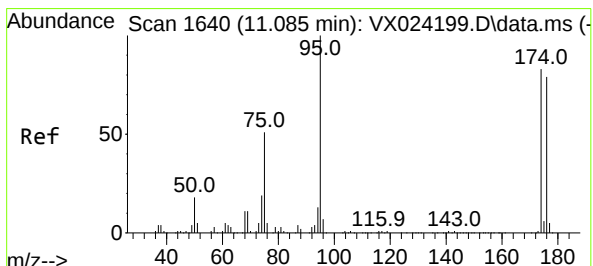
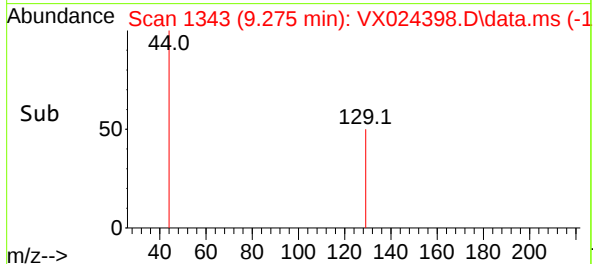
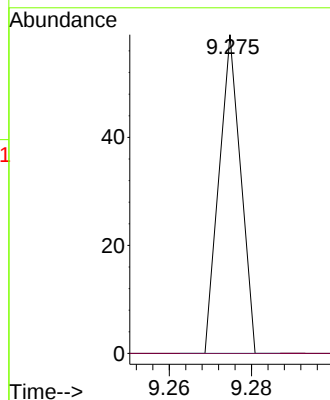
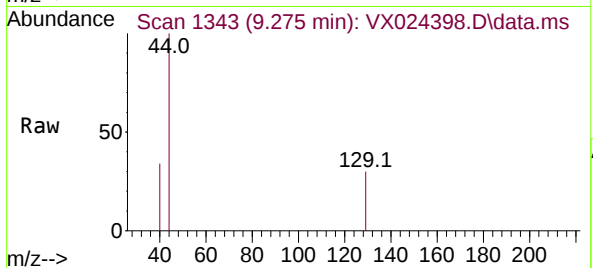
Acq: 21 Sep 2021 19:57

Tgt Ion:129 Resp: 22

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.184 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024398.D

Acq: 21 Sep 2021 19:57

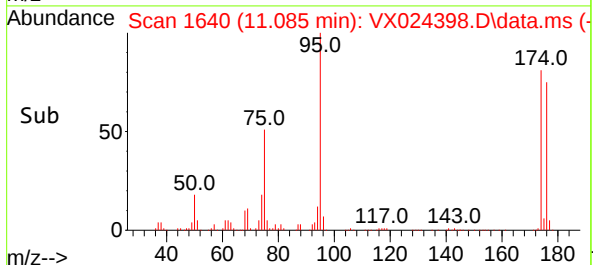
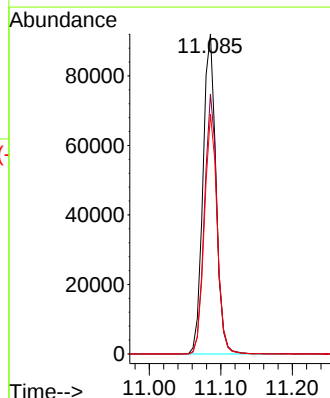
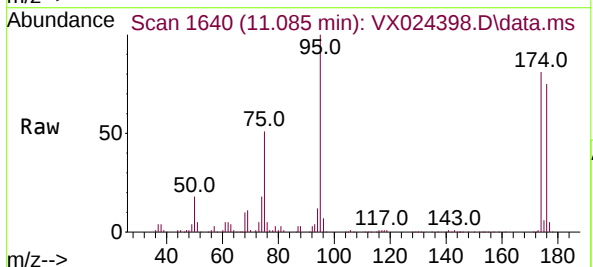
Tgt Ion: 95 Resp: 116035

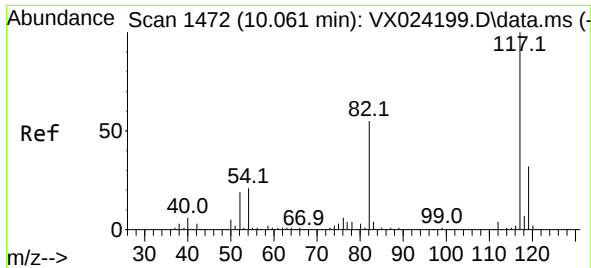
Ion Ratio Lower Upper

95 100

174 79.4 0.0 154.6

176 73.9 0.0 155.8

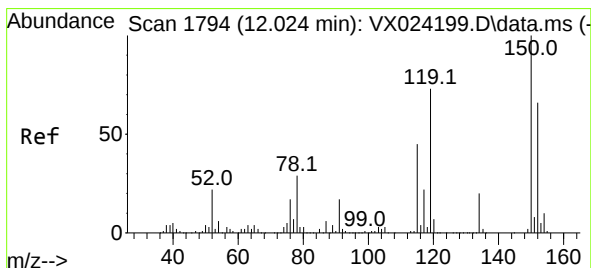
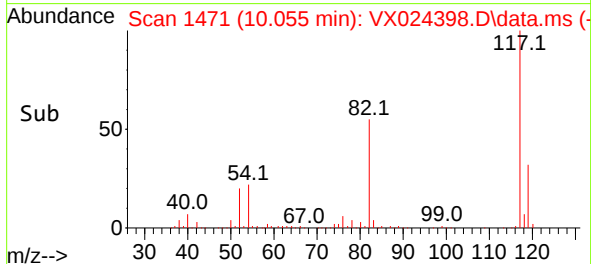
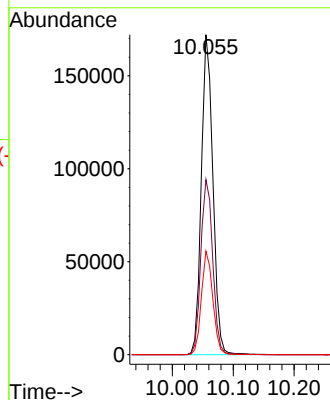
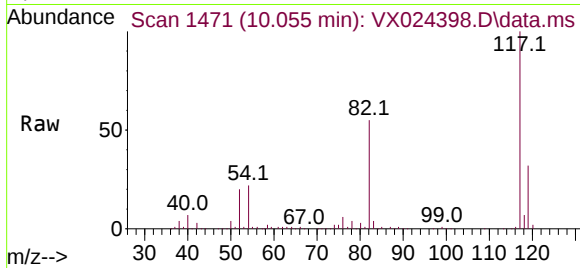




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

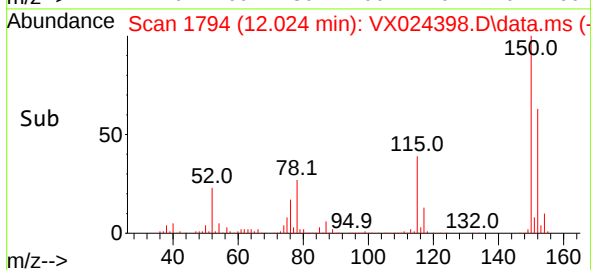
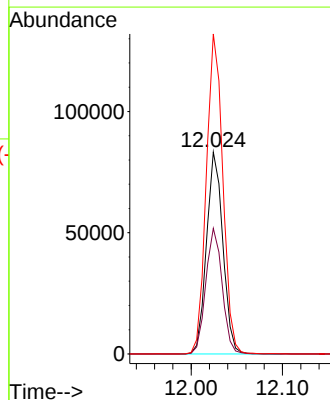
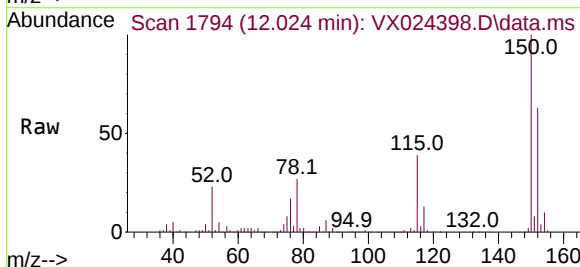
Instrument :
MSVOA_N
ClientSampled :

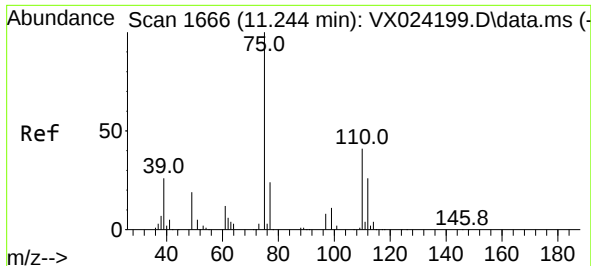
Tgt Ion:117 Resp: 226468
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

Tgt Ion:152 Resp: 103148
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 159.6 0.0 349.0

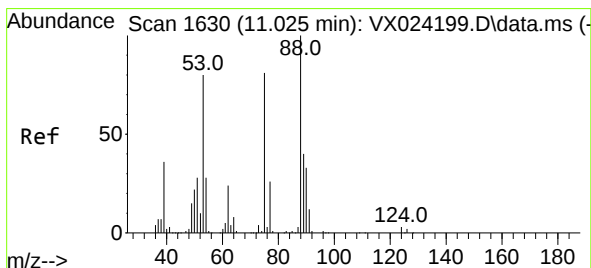
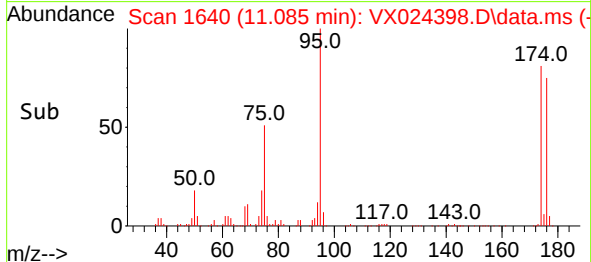
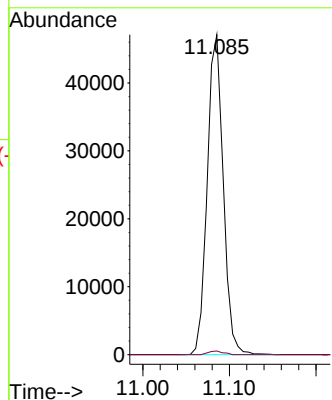
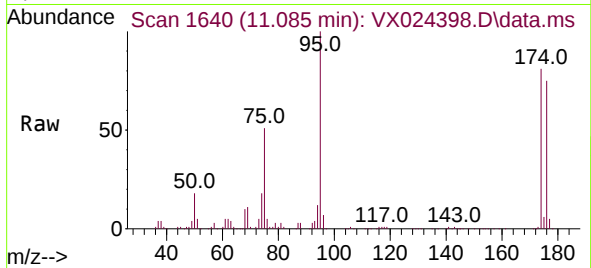




#76
1,2,3-Trichloropropane
Concen: 25.463 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

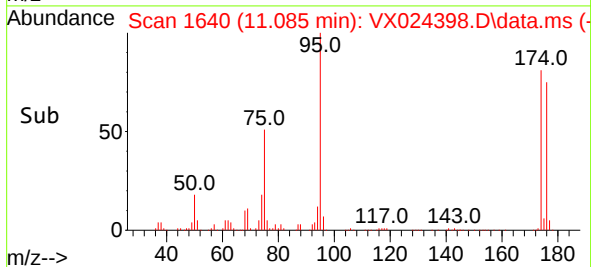
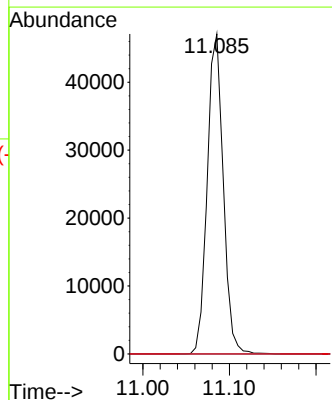
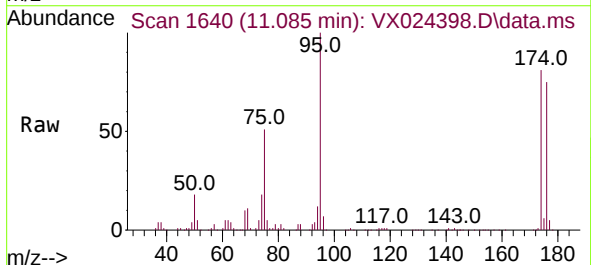
Instrument :
MSVOA_N
ClientSampled :

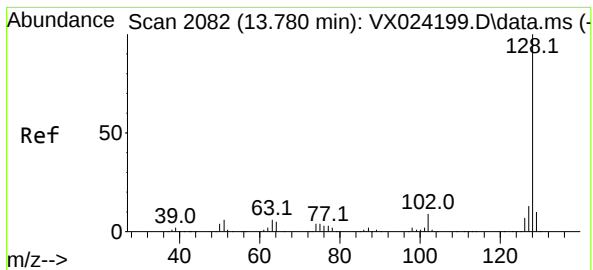
Tgt Ion: 75 Resp: 60394
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.888 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

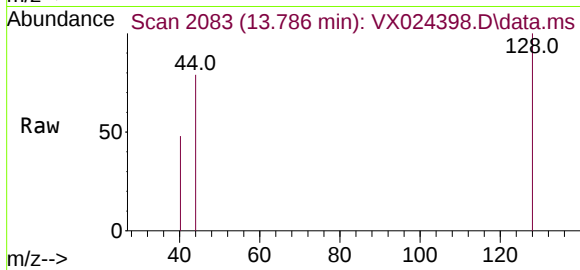
Tgt Ion: 75 Resp: 60394
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.321 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024398.D
Acq: 21 Sep 2021 19:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128	Resp:	256
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

