

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032622.D
 Acq On : 07 Nov 2022 13:18
 Operator : JC/MD
 Sample : N5484-27
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 03:12:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

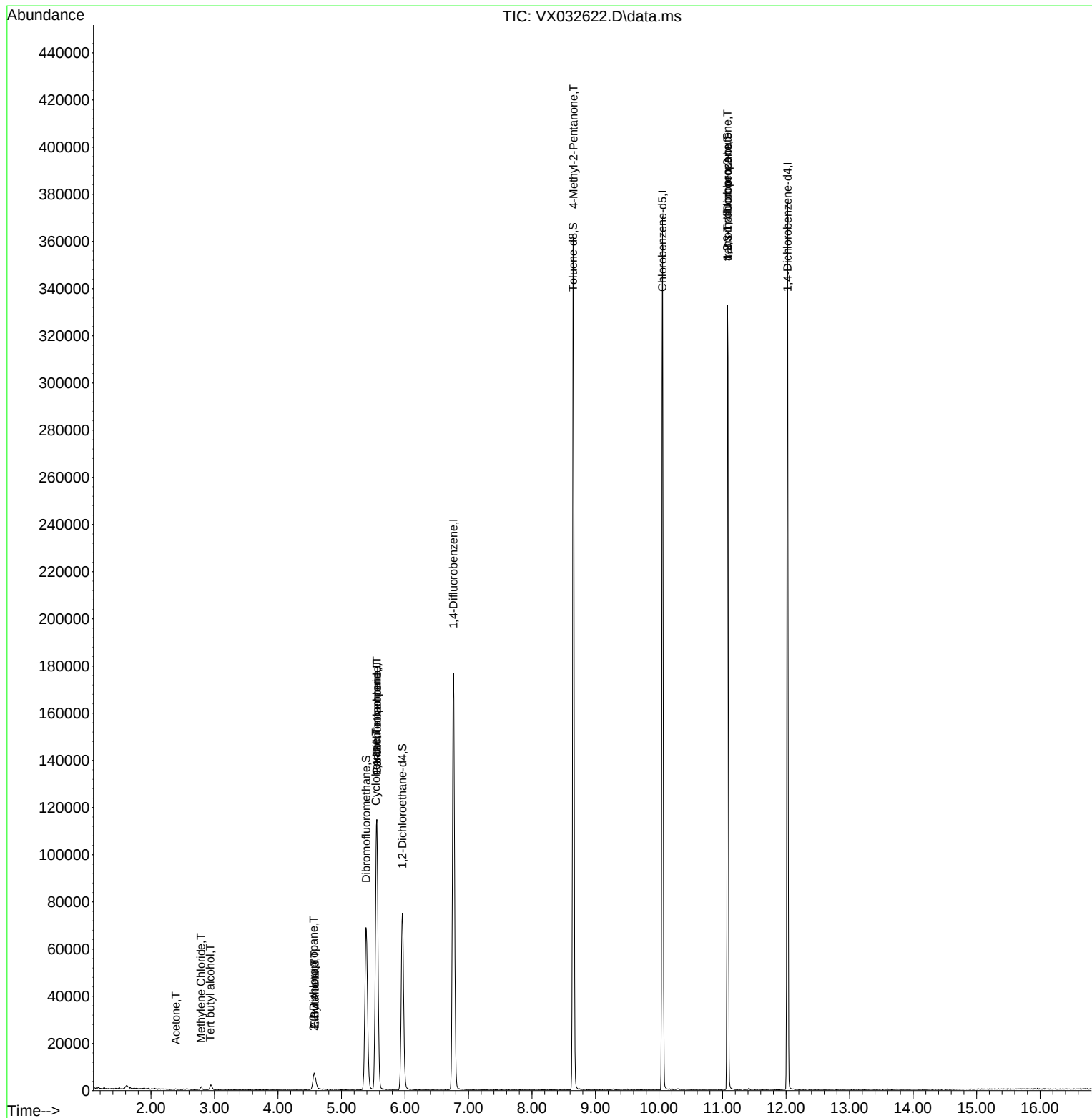
Internal Standards						
1) Pentafluorobenzene	5.556	168	108336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75857	50.393	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.780%	
35) Dibromofluoromethane	5.385	113	59295	46.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.700%	
50) Toluene-d8	8.647	98	217224	48.835	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.660%	
62) 4-Bromofluorobenzene	11.079	95	84156	48.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	1503	6.860	ug/l #	72
16) Acetone	2.392	43	305	0.557	ug/l #	45
20) Methylene Chloride	2.788	84	657	0.524	ug/l #	79
25) 2-Butanone	4.574	43	551	0.650	ug/l #	47
26) 2,2-Dichloropropane	4.562	77	371	0.217	ug/l #	53
31) Cyclohexane	5.544	56	2566	1.406	ug/l #	51
36) 1,1-Dichloropropene	5.556	75	8632	4.846	ug/l #	50
37) Ethyl Acetate	4.574	43	551	0.297	ug/l #	16
38) Carbon Tetrachloride	5.556	117	11341	5.740	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	978	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45364	26.768	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45364	85.178	ug/l #	6

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

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Response via : Initial Calibration

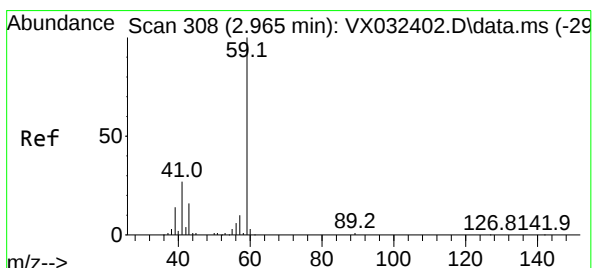
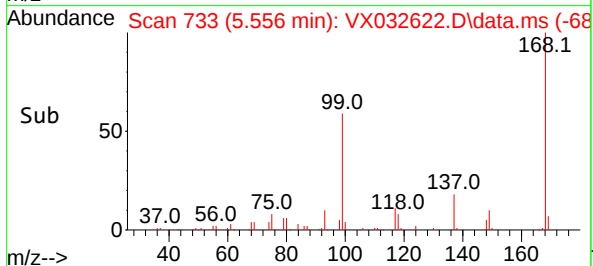
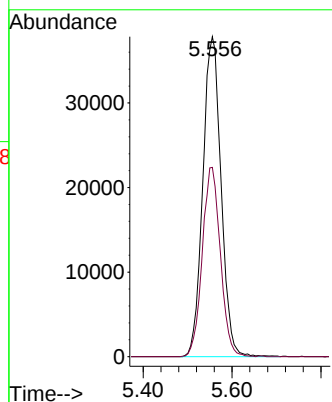
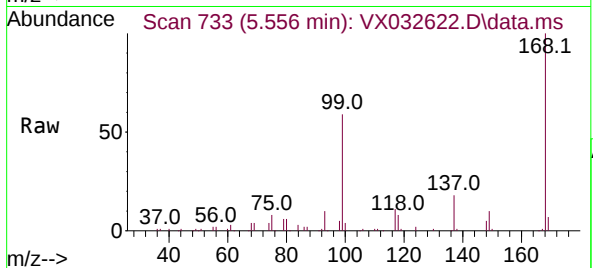




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

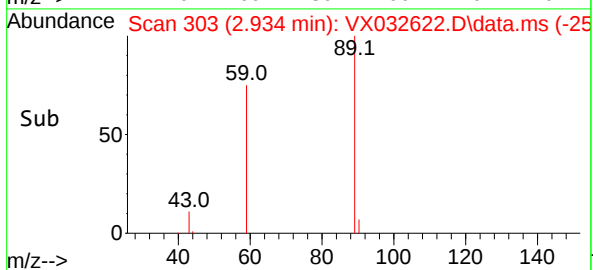
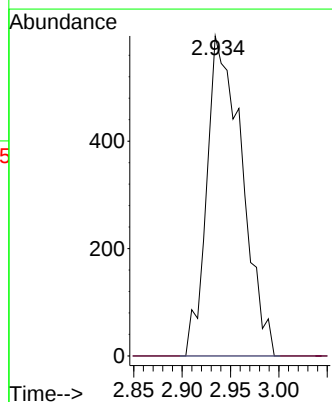
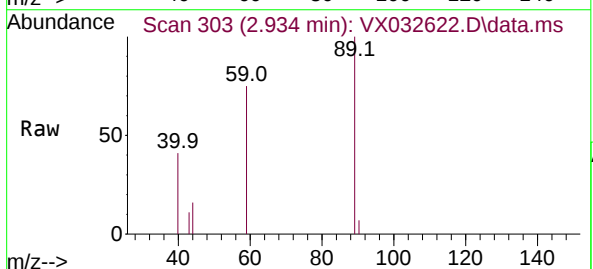
Instrument :
MSVOA_X
ClientSampleId :

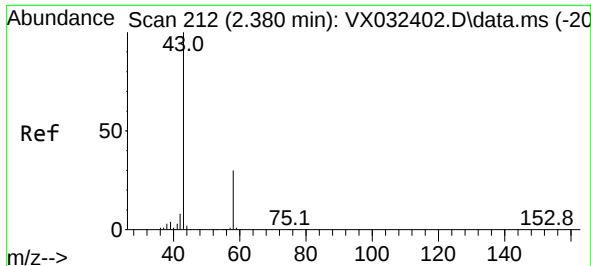
Tgt Ion:168 Resp: 108336
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.860 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.031 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Tgt Ion: 59 Resp: 1503
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

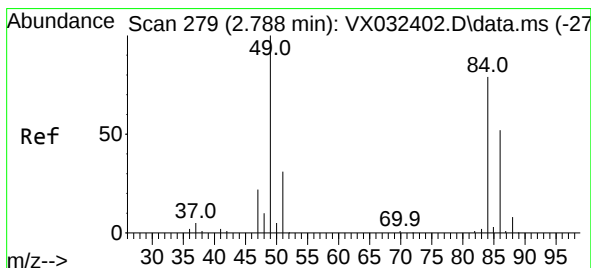
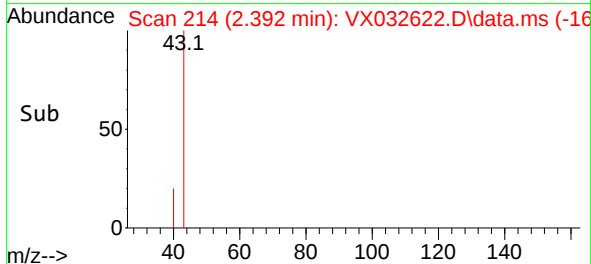
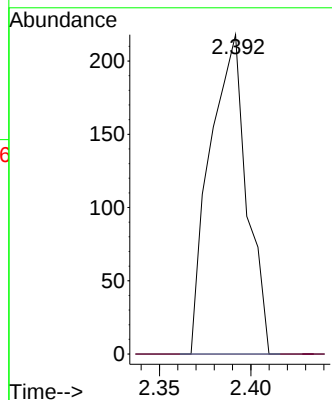
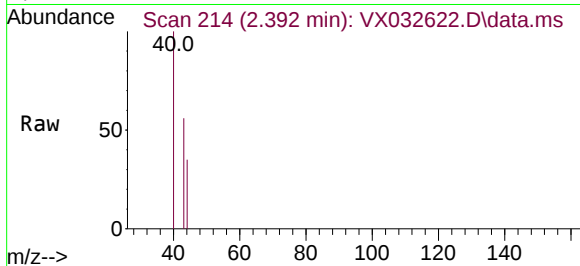




#16
Acetone
Concen: 0.557 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

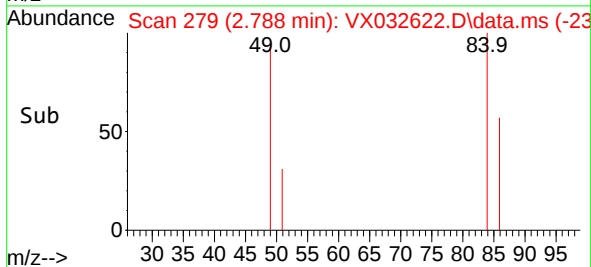
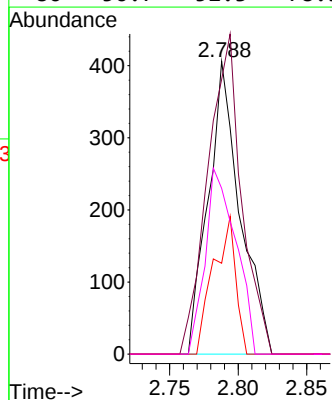
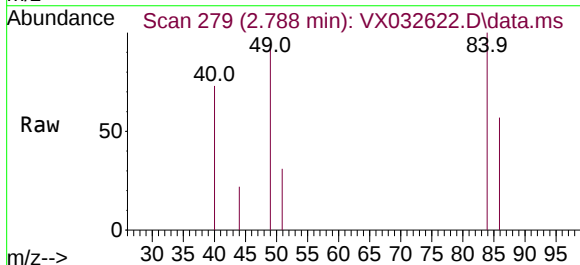
Instrument :
MSVOA_X
ClientSampleId :

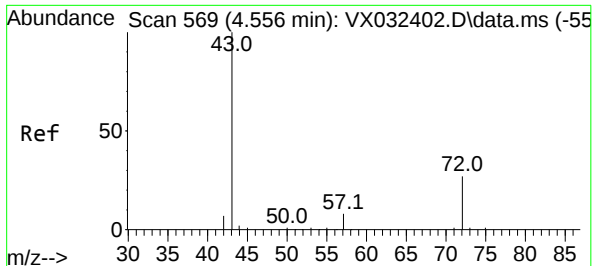
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: 0.524 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Tgt Ion: 84 Resp: 657
Ion Ratio Lower Upper
84 100
49 93.8 101.0 151.6#
51 31.0 31.1 46.7#
86 56.7 52.3 78.5





#25

2-Butanone

Concen: 0.650 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX032622.D

Acq: 07 Nov 2022 13:18

Instrument :

MSVOA_X

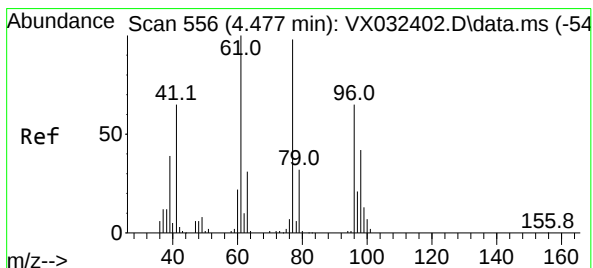
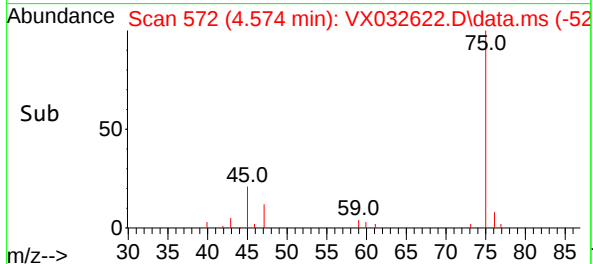
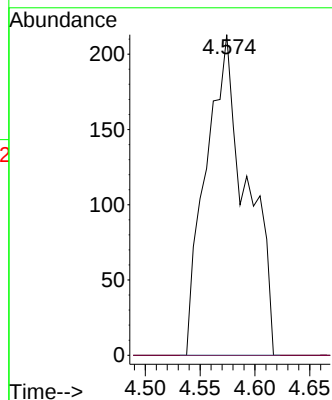
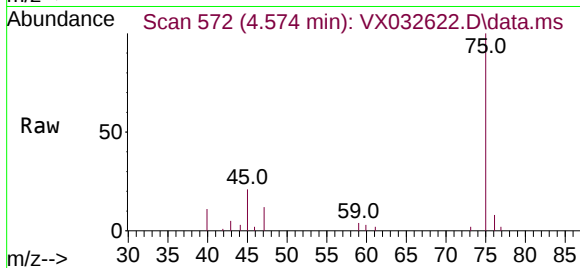
ClientSampleId :

Tgt Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 0.217 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.085 min

Lab File: VX032622.D

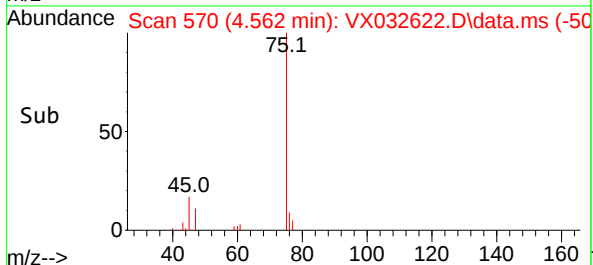
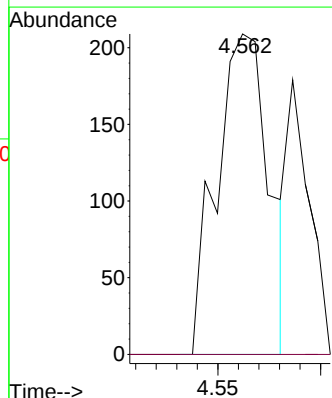
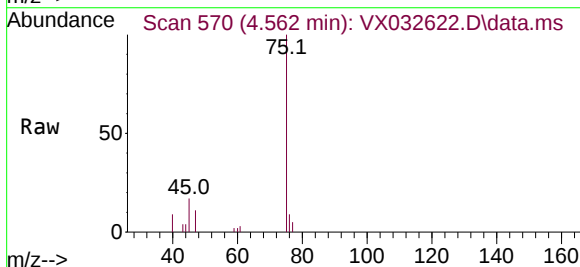
Acq: 07 Nov 2022 13:18

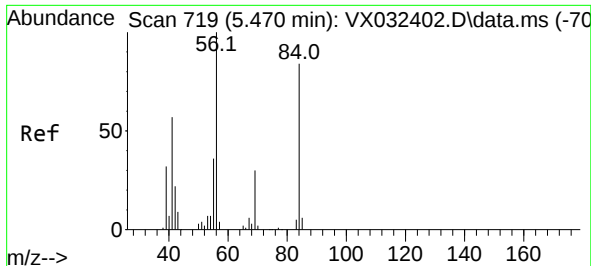
Tgt Ion: 77 Resp: 371

Ion Ratio Lower Upper

77 100

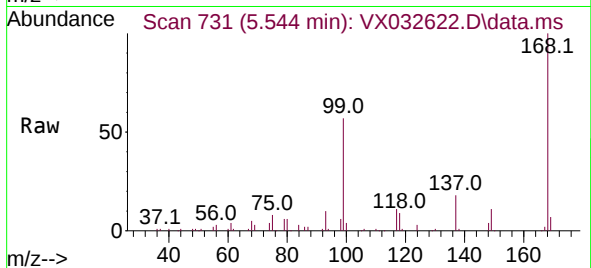
97 0.0 11.4 34.1#



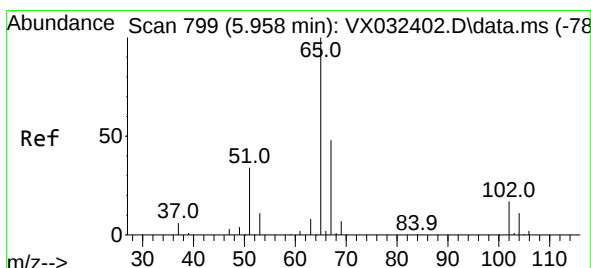
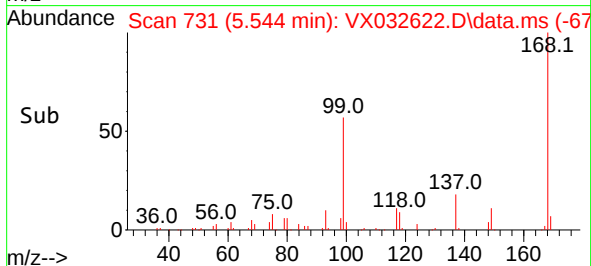
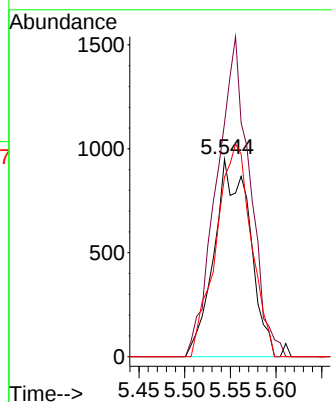


#31
Cyclohexane
Concen: 1.406 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :

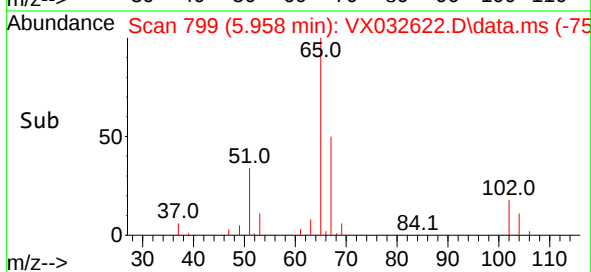
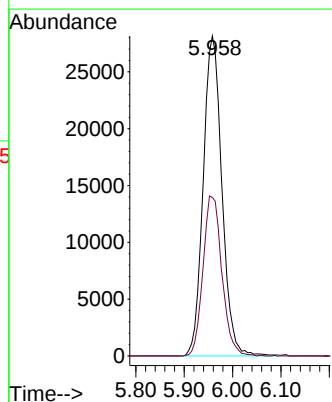
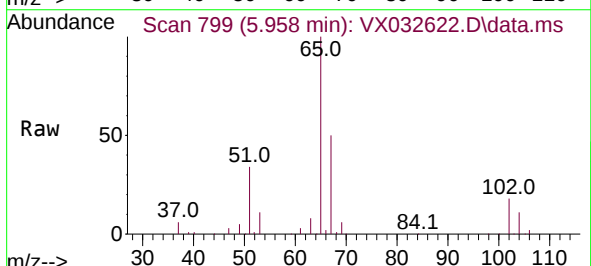


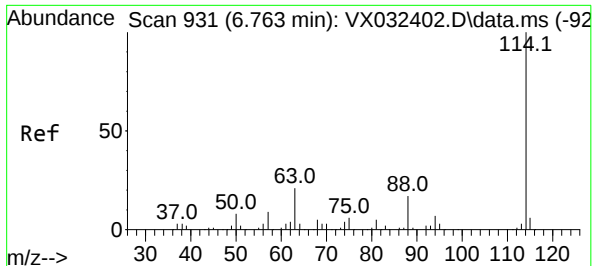
Tgt Ion: 56 Resp: 2566
Ion Ratio Lower Upper
56 100
69 118.4 24.1 36.1#
84 91.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.393 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Tgt Ion: 65 Resp: 75857
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

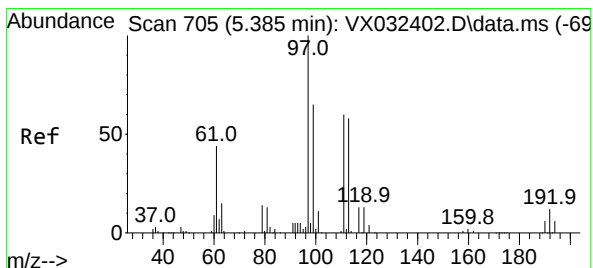
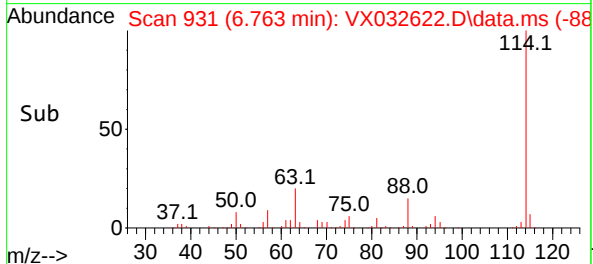
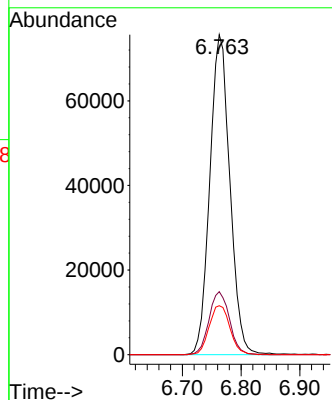
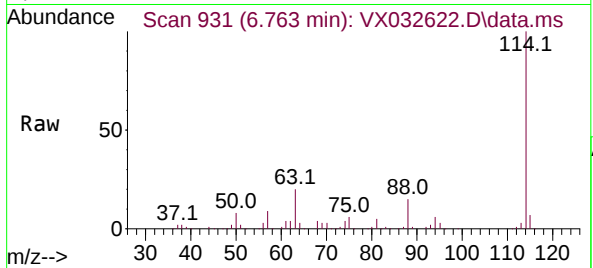




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

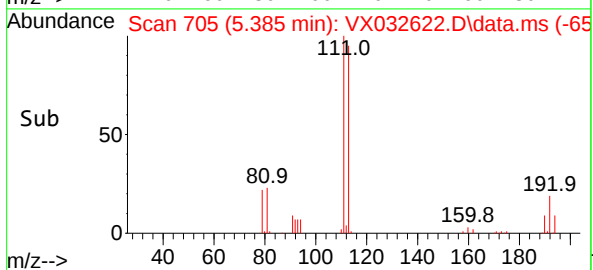
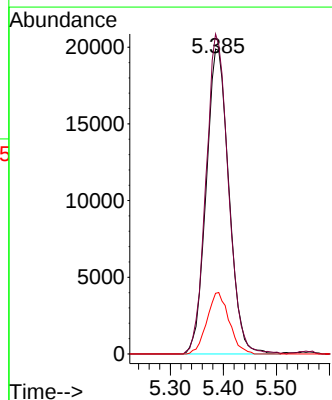
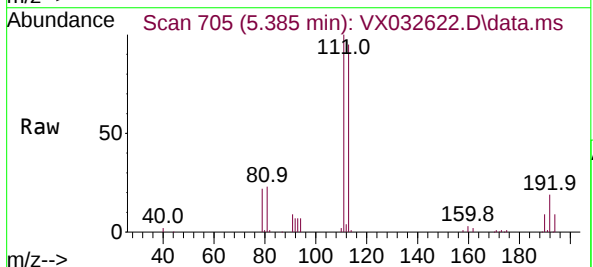
Instrument :
MSVOA_X
ClientSampleId :

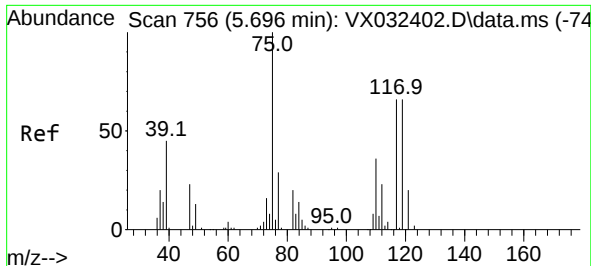
Tgt Ion:114 Resp: 179337
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.352 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

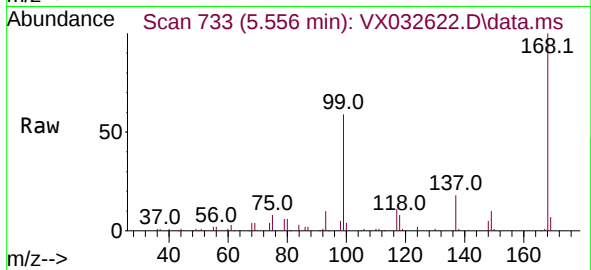
Tgt Ion:113 Resp: 59295
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 19.6 15.4 23.2



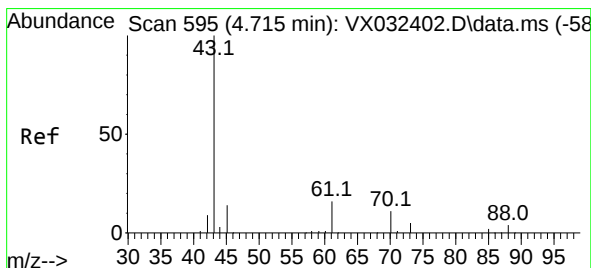
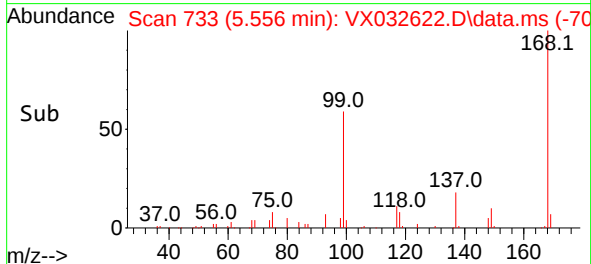
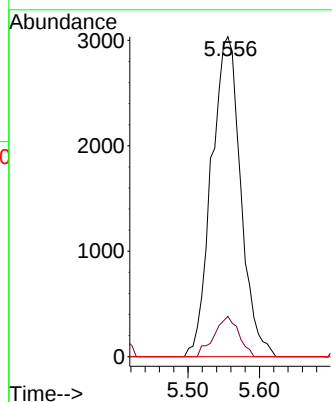


#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :

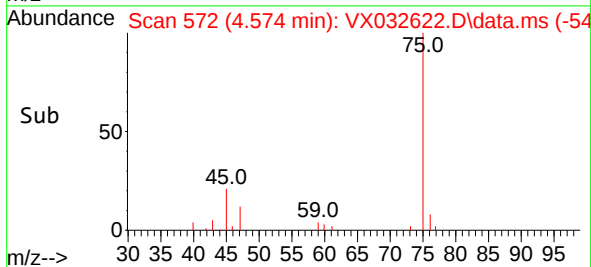
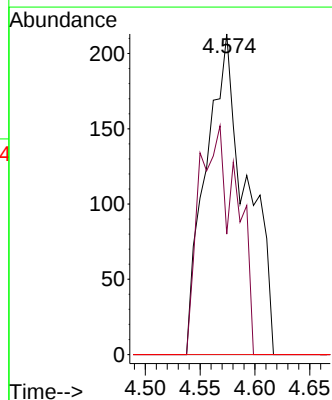
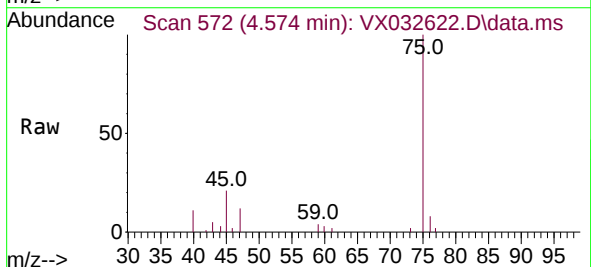


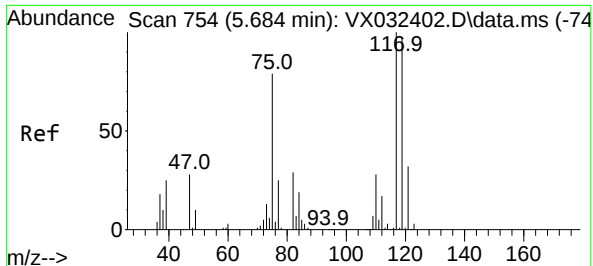
Tgt Ion: 75 Resp: 8632
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 0.297 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

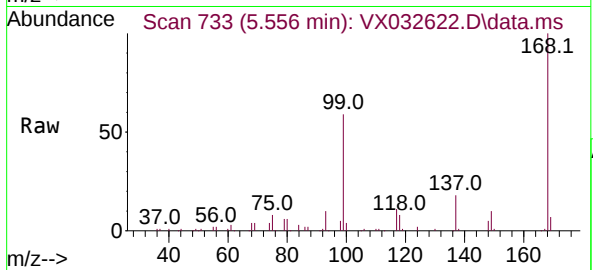
Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
61 66.2 11.5 17.3#
70 0.0 9.1 13.7#



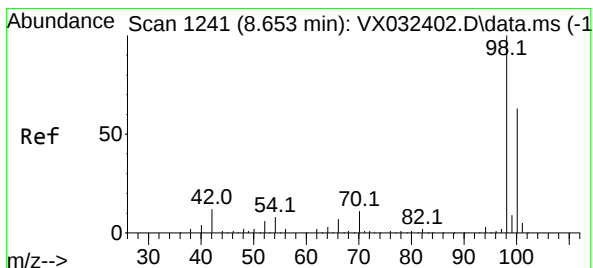
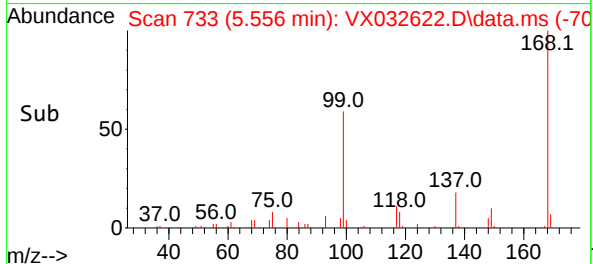
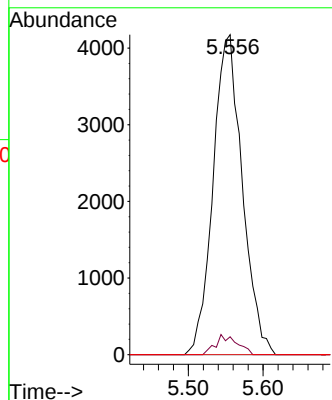


#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :

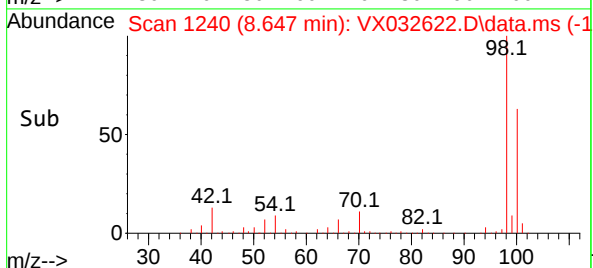
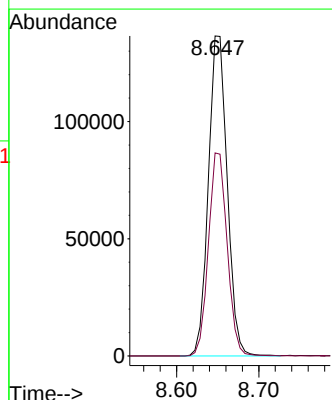
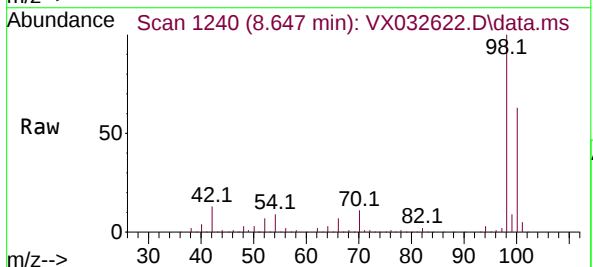


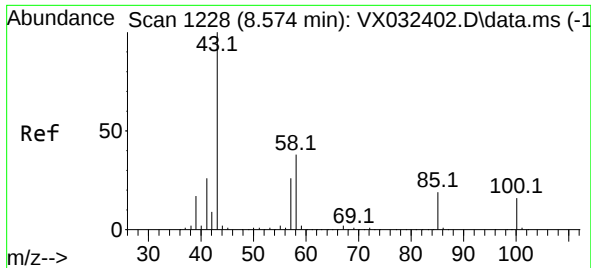
Tgt Ion:117 Resp: 11341
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.835 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Tgt Ion: 98 Resp: 217224
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

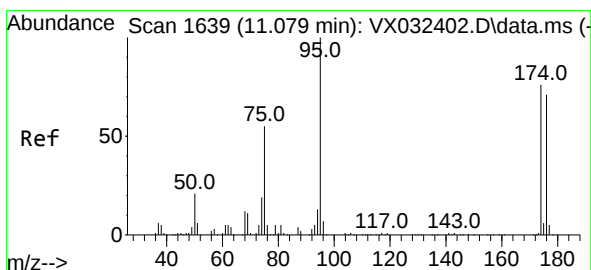
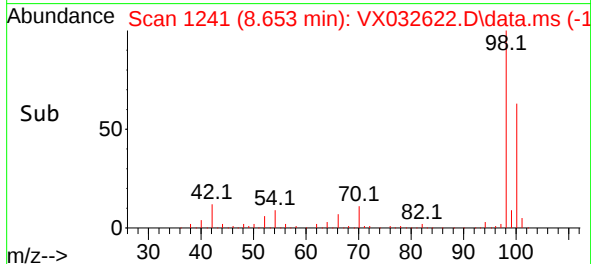
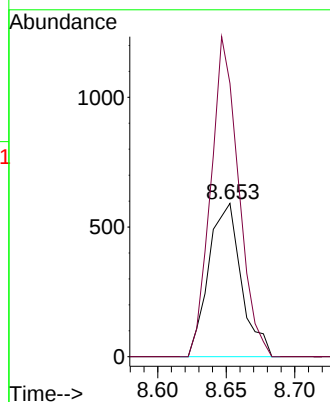
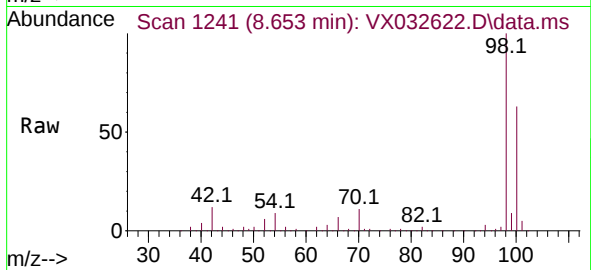




#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

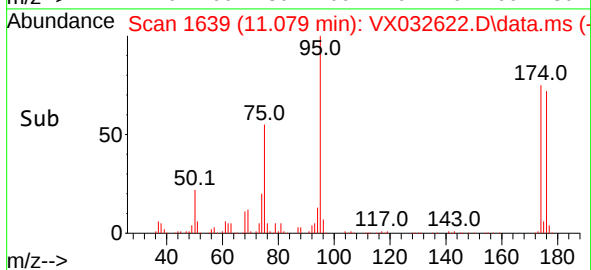
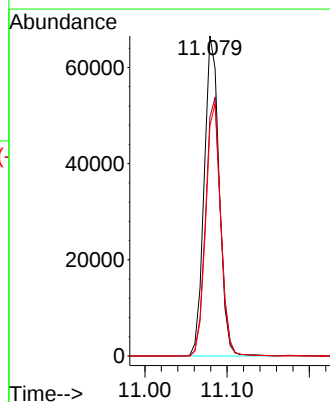
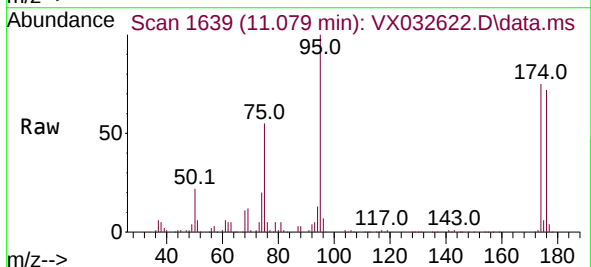
Instrument :
MSVOA_X
ClientSampleId :

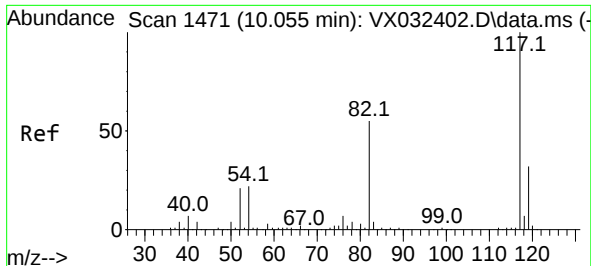
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 178.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 48.434 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Tgt Ion: 95 Resp: 84156
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.0
176 78.6 0.0 154.4

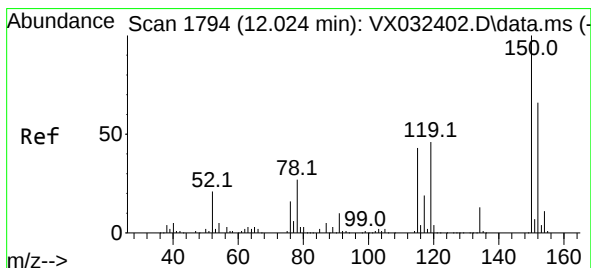
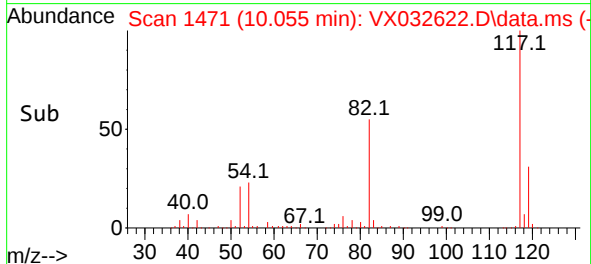
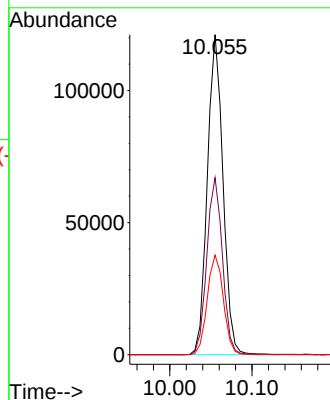
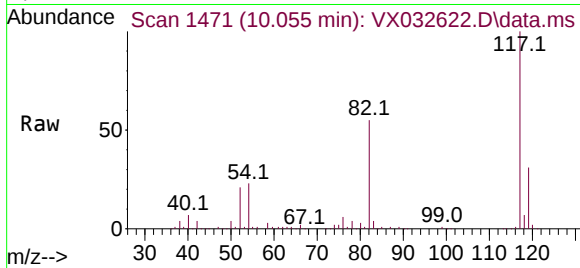




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

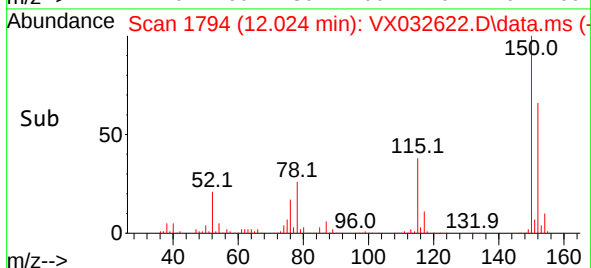
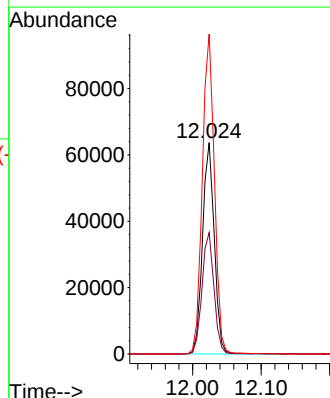
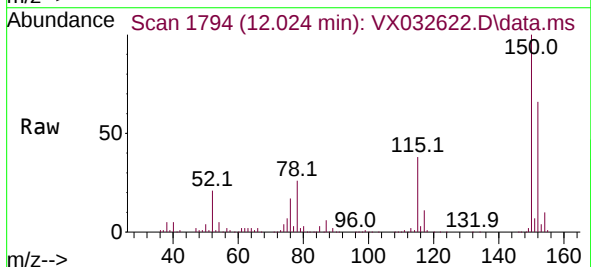
Instrument :
MSVOA_X
ClientSampleId :

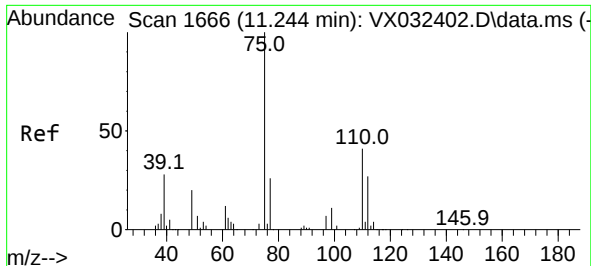
Tgt Ion:117 Resp: 159991
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Tgt Ion:152 Resp: 76174
Ion Ratio Lower Upper
152 100
115 58.4 44.0 132.0
150 155.6 0.0 351.8

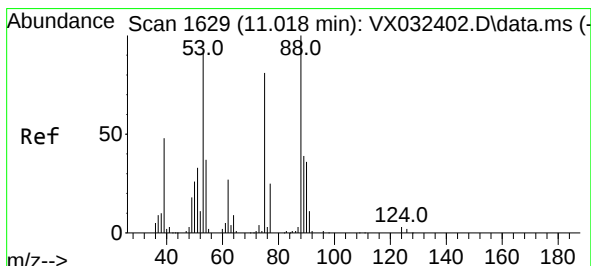
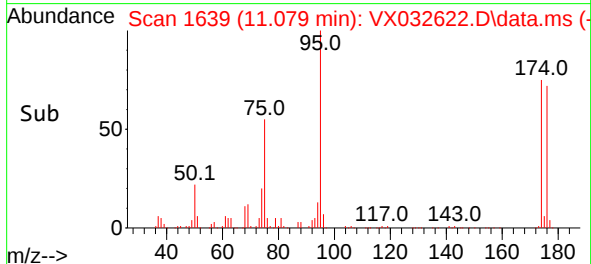
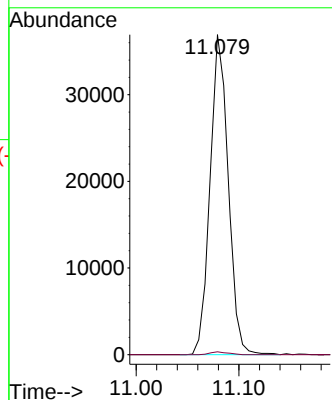
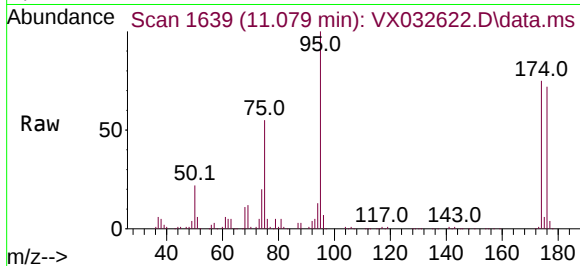




#76
1,2,3-Trichloropropane
Concen: 26.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45364
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032622.D
Acq: 07 Nov 2022 13:18

Tgt Ion: 75 Resp: 45364
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

