

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038935.D
 Acq On : 18 Nov 2023 17:51
 Operator : JC/MD
 Sample : 05404-07 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20231109

Quant Time: Nov 20 04:38:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

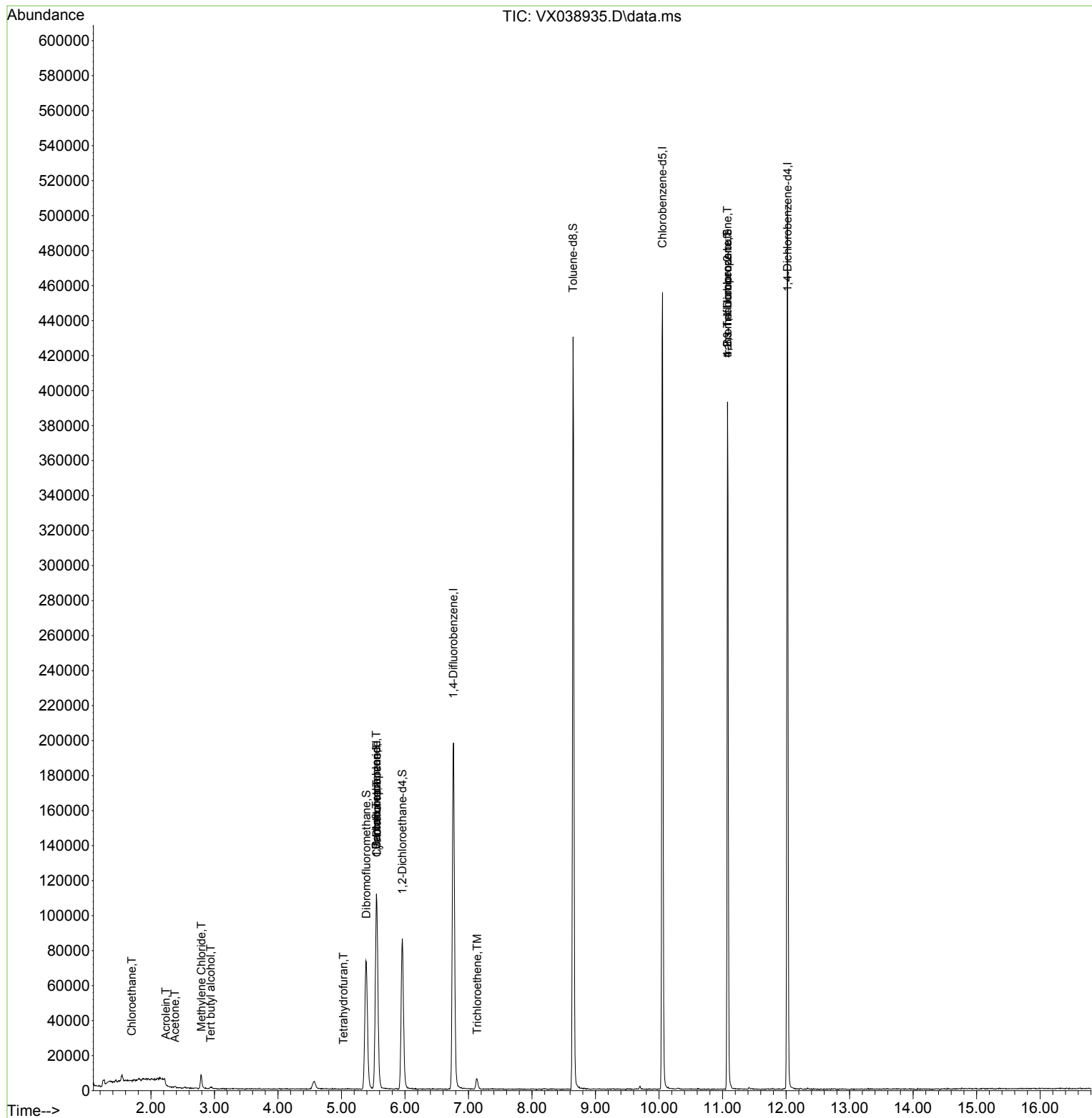
Internal Standards						
1) Pentafluorobenzene	5.550	168	98806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80569	50.605	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.220%			
35) Dibromofluoromethane	5.391	113	65418	45.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.340%			
50) Toluene-d8	8.647	98	253236	45.705	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.400%#			
62) 4-Bromofluorobenzene	11.079	95	108697	49.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.020%			
Target Compounds						Qvalue
6) Chloroethane	1.697	64	195	0.236	ug/l #	74
11) Tert butyl alcohol	2.940	59	823	1.859	ug/l #	85
13) Acrolein	2.233	56	222	0.948	ug/l	92
16) Acetone	2.380	43	996	1.175	ug/l	99
20) Methylene Chloride	2.794	84	3405	2.229	ug/l	93
29) Tetrahydrofuran	5.032	42	194	0.222	ug/l #	34
31) Cyclohexane	5.556	56	2867	1.261	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9120	4.394	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10985	5.727	ug/l #	16
44) Trichloroethene	7.135	130	2566	1.717	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	57797	22.784	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57797	50.537	ug/l #	5

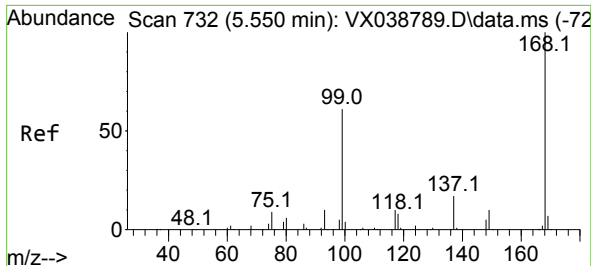
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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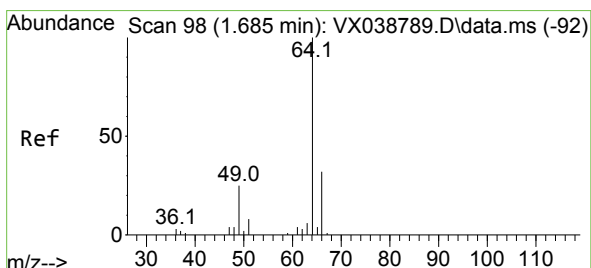
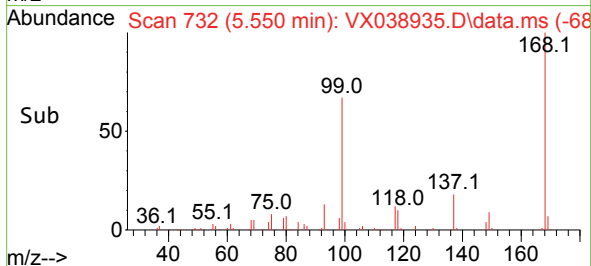
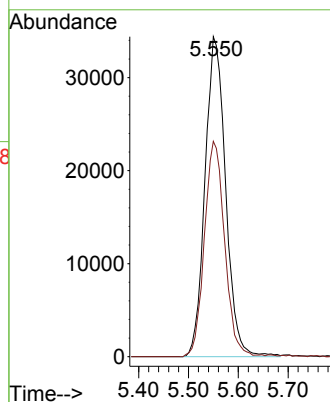
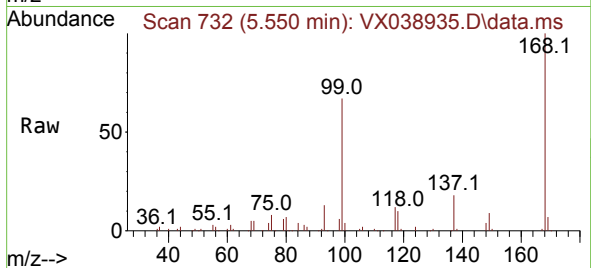




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

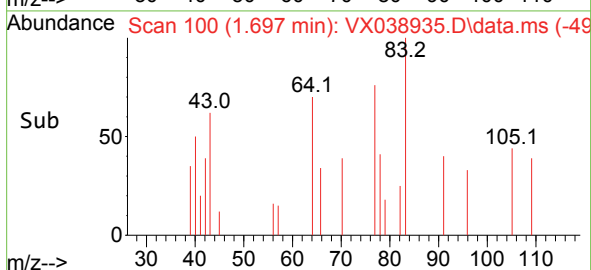
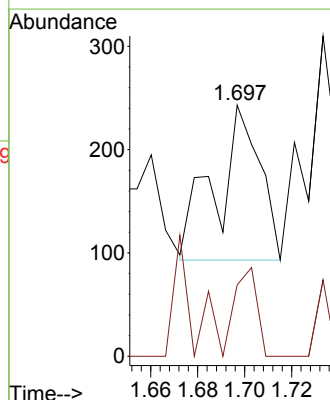
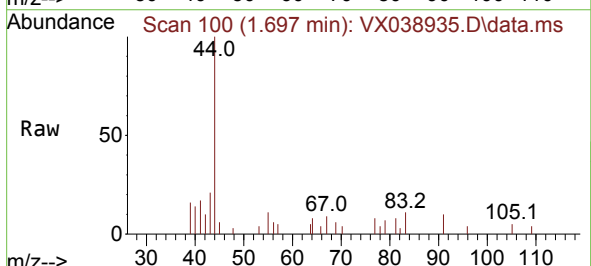
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20231109

Tgt Ion:168 Resp: 98806
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#6
Chloroethane
Concen: 0.236 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion: 64 Resp: 195
Ion Ratio Lower Upper
64 100
66 46.0 25.1 37.7#

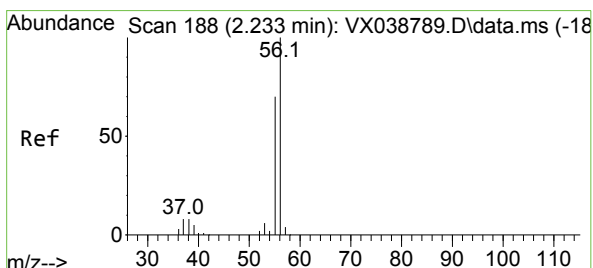
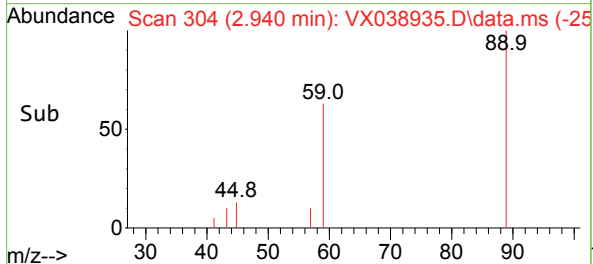
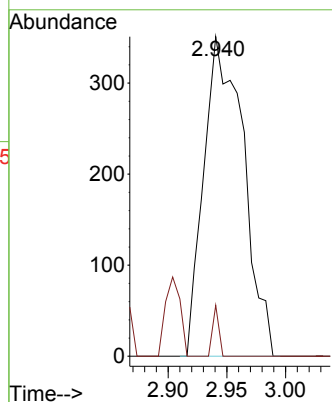
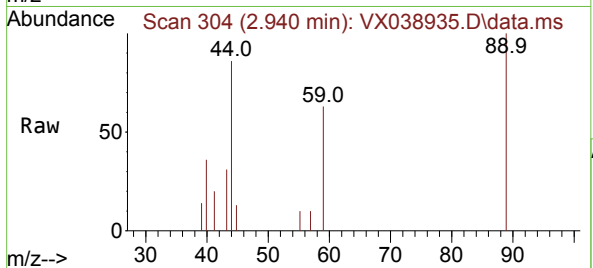




#11
Tert butyl alcohol
Concen: 1.859 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

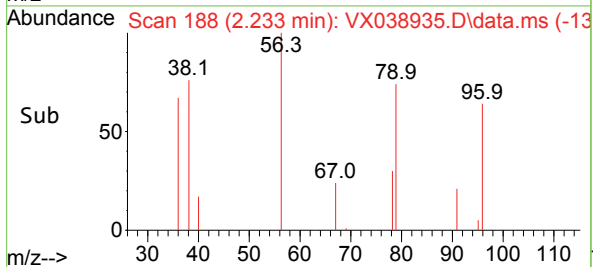
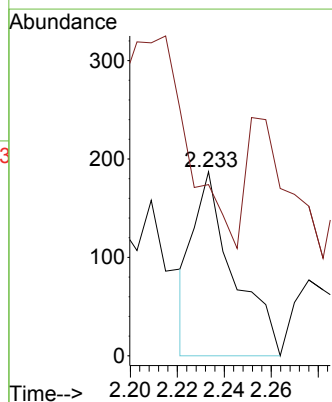
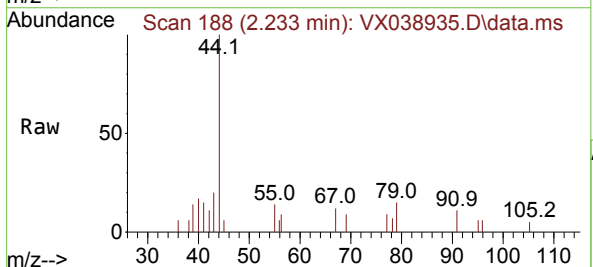
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20231109

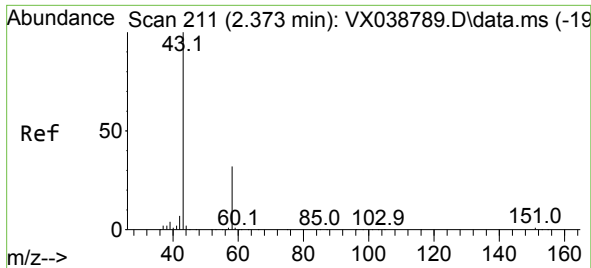
Tgt Ion: 59 Resp: 823
Ion Ratio Lower Upper
59 100
57 2.4 6.0 9.0#



#13
Acrolein
Concen: 0.948 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 77.9 57.1 85.7

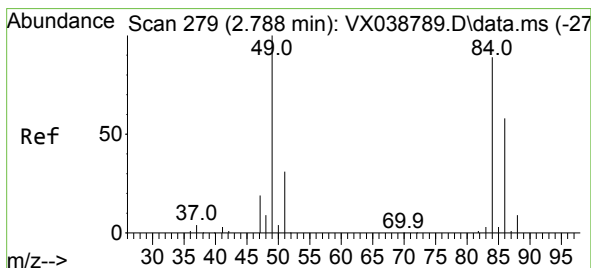
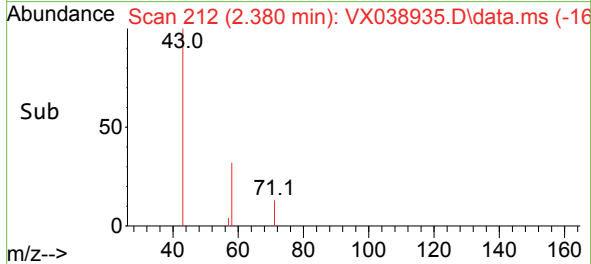
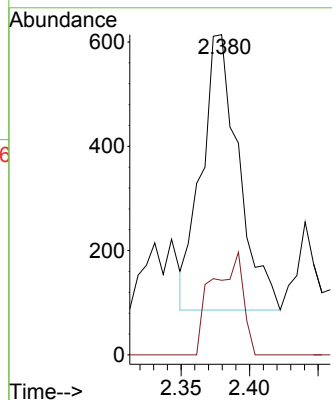
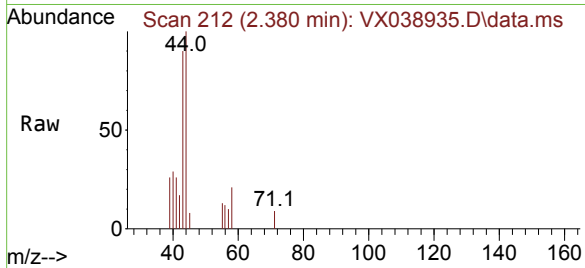




#16
Acetone
Concen: 1.175 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

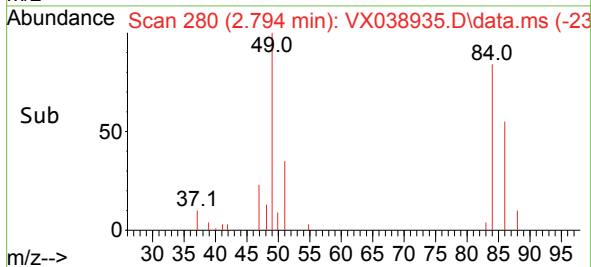
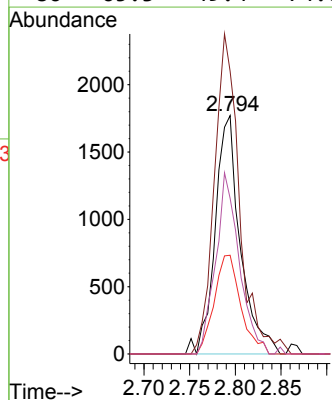
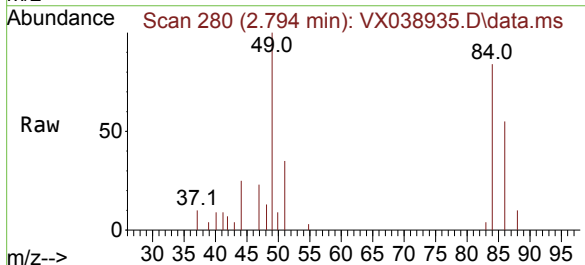
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20231109

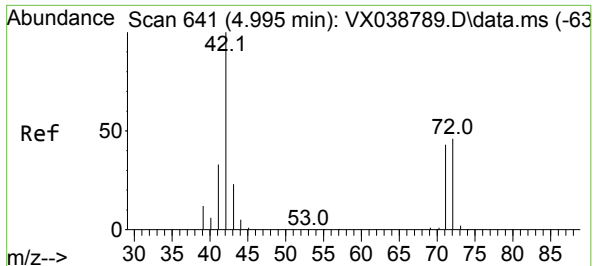
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 27.1 21.9 32.9



#20
Methylene Chloride
Concen: 2.229 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion: 84 Resp: 3405
Ion Ratio Lower Upper
84 100
49 118.6 103.6 155.4
51 41.4 33.8 50.6
86 65.3 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 5.032 min Scan# 641

Delta R.T. 0.037 min

Lab File: VX038935.D

Acq: 18 Nov 2023 17:51

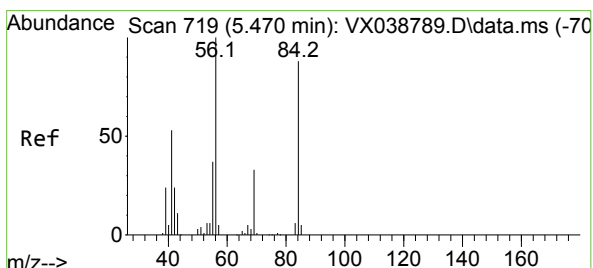
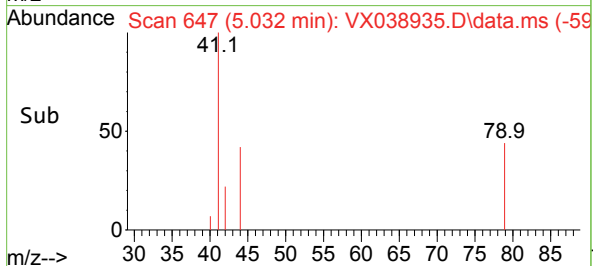
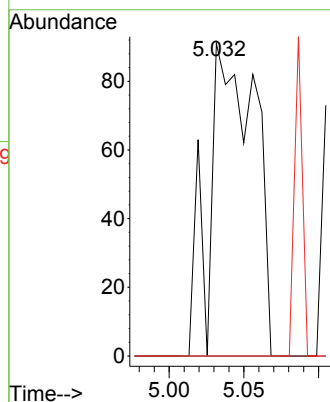
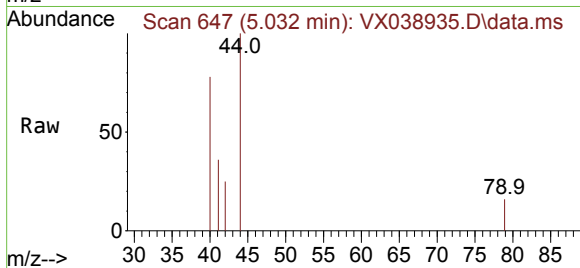
Instrument :

MSVOA_X

ClientSampleId :

DUP06-20231109

Tgt Ion: 42	Resp: 194
Ion Ratio	Lower Upper
42	100
72	0.0 34.2 51.4#
71	0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.261 ug/l

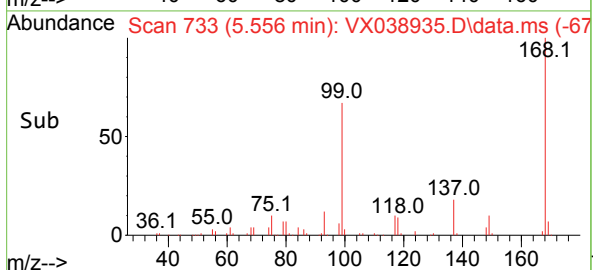
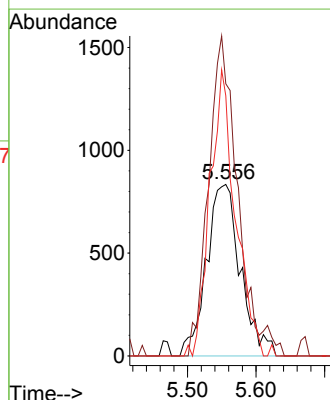
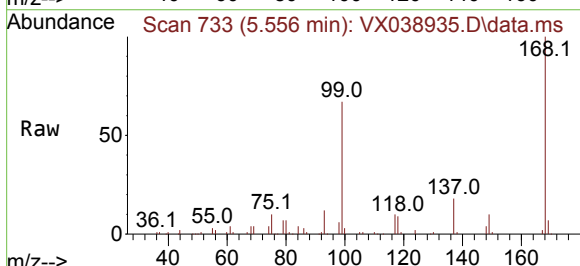
RT: 5.556 min Scan# 733

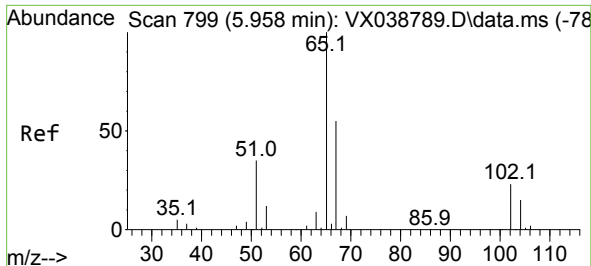
Delta R.T. 0.085 min

Lab File: VX038935.D

Acq: 18 Nov 2023 17:51

Tgt Ion: 56	Resp: 2867
Ion Ratio	Lower Upper
56	100
69	158.6 23.4 35.2#
84	151.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.605 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038935.D

Acq: 18 Nov 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

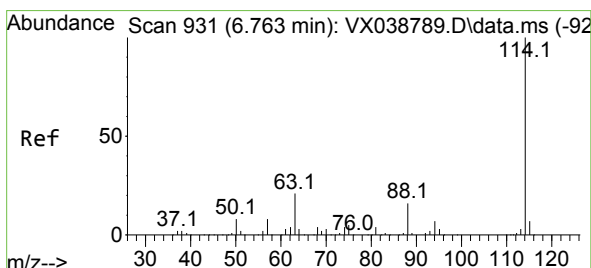
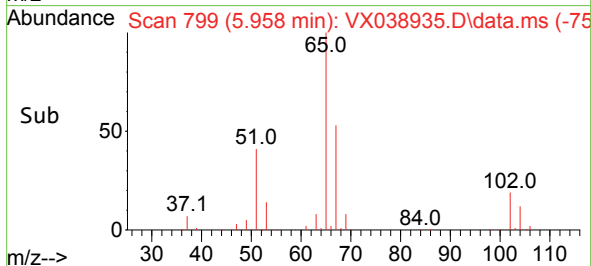
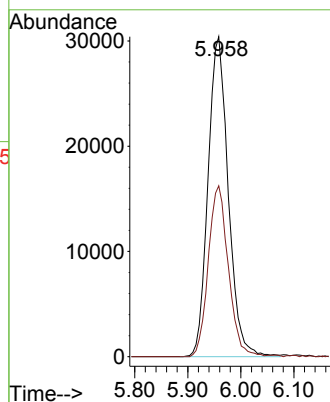
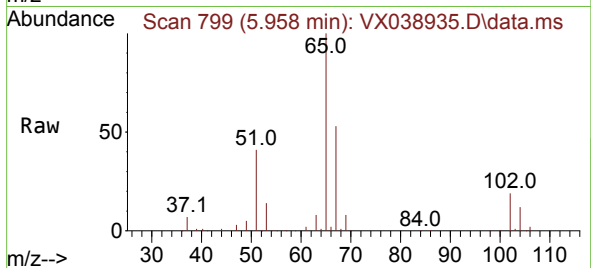
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Tgt Ion: 65 Resp: 80569

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038935.D

Acq: 18 Nov 2023 17:51

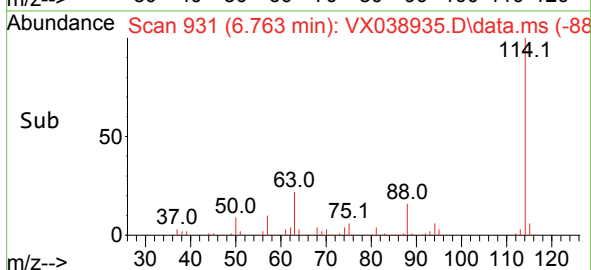
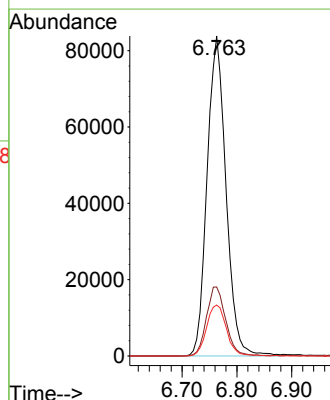
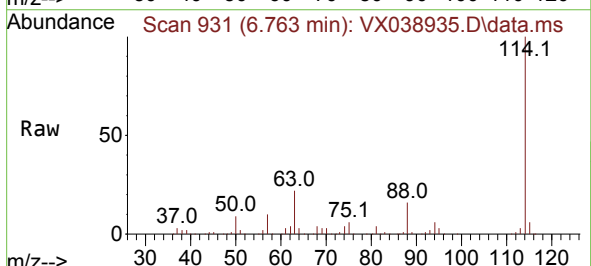
Tgt Ion: 114 Resp: 200513

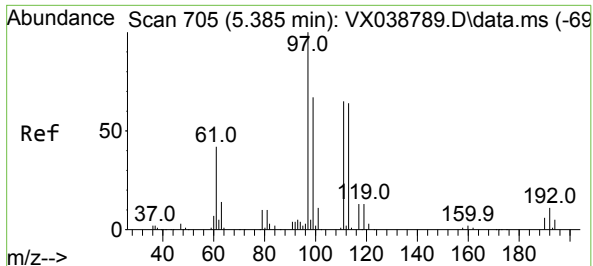
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 15.9 0.0 36.6

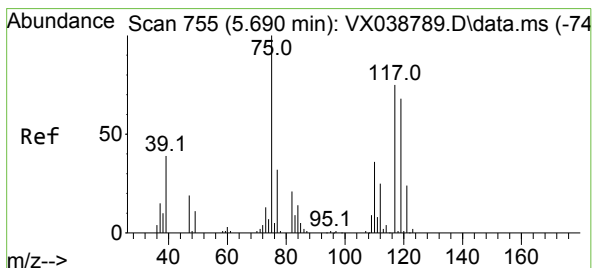
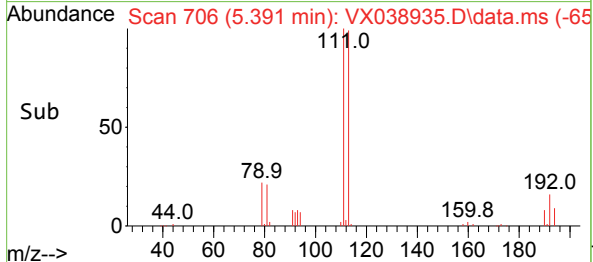
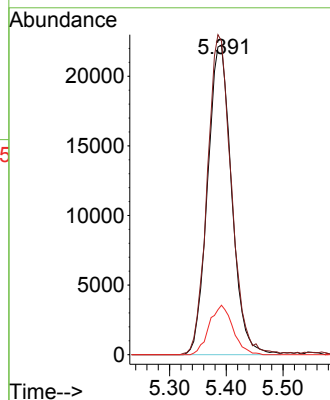
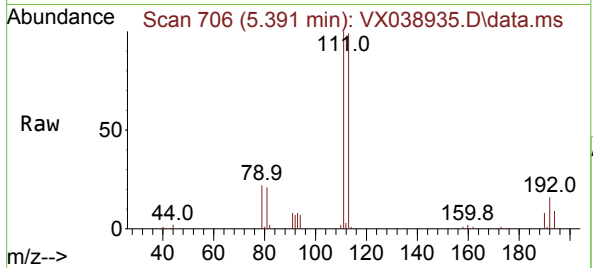




#35
Dibromofluoromethane
Concen: 45.173 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

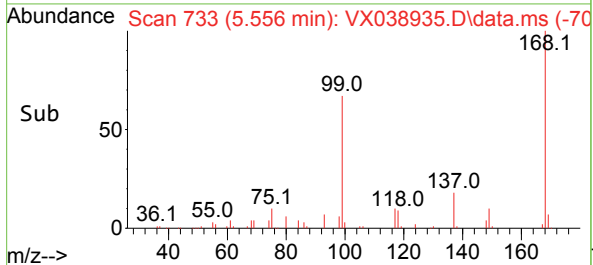
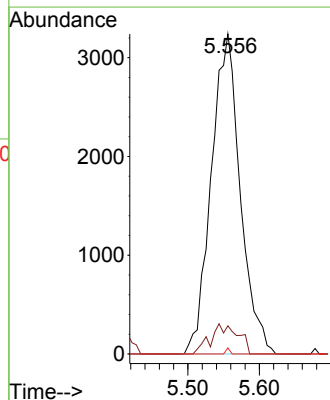
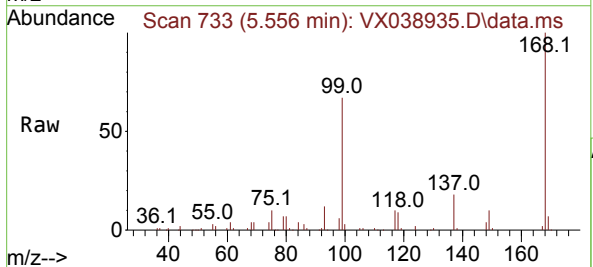
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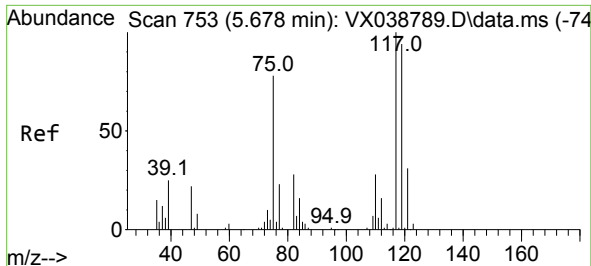
Tgt Ion:113 Resp: 65418
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 15.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.394 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion: 75 Resp: 9120
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.2 24.7 37.1#

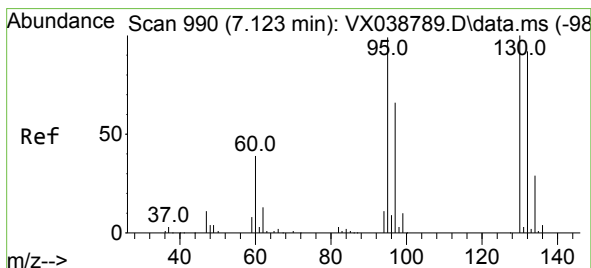
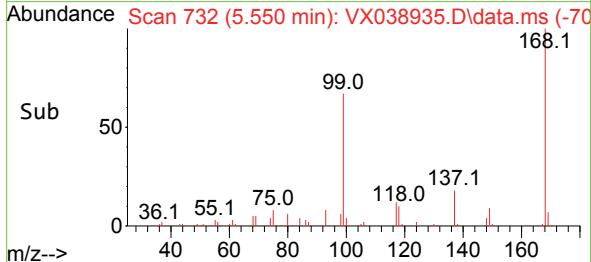
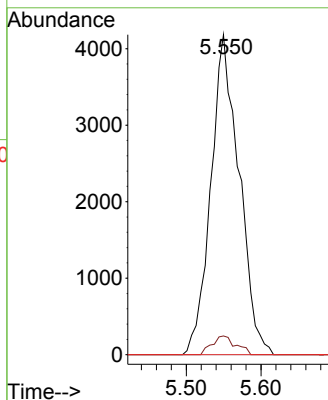
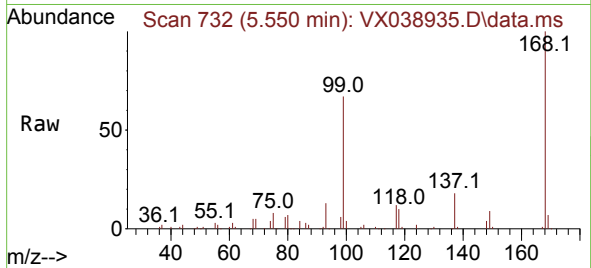




#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

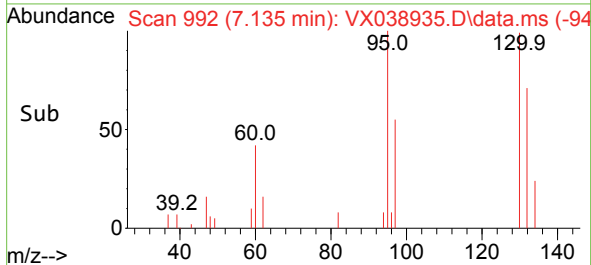
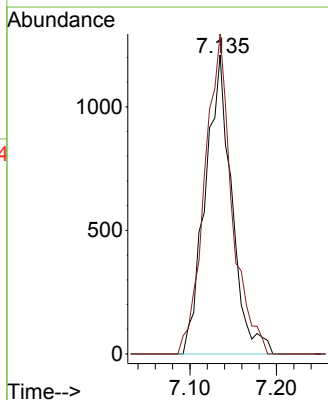
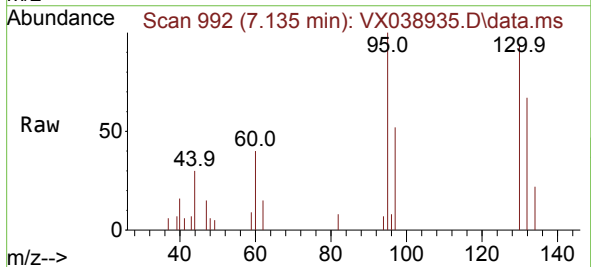
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20231109

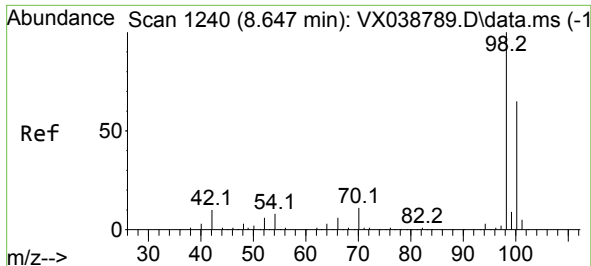
Tgt Ion:117 Resp: 10985
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.717 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion:130 Resp: 2566
Ion Ratio Lower Upper
130 100
95 106.9 0.0 204.4

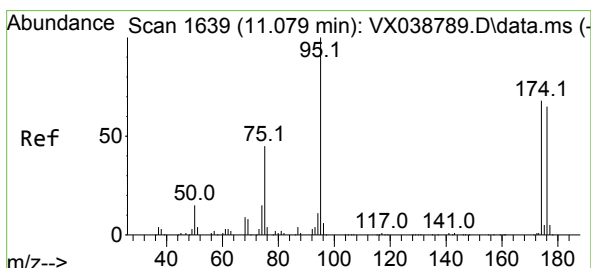
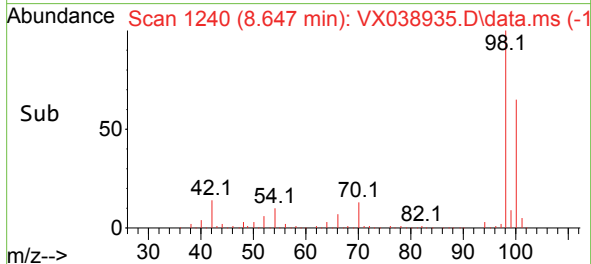
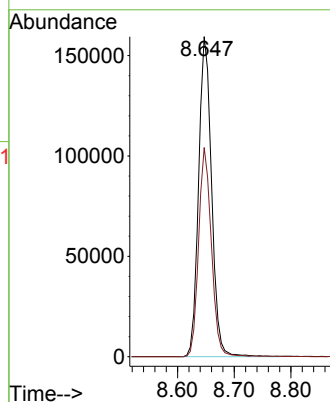
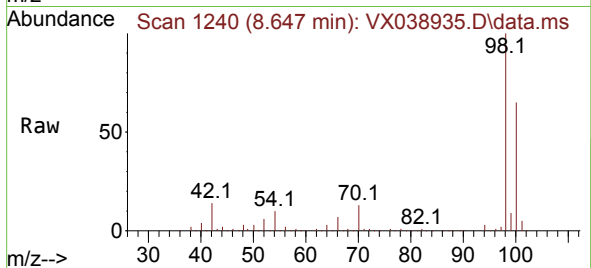




#50
Toluene-d8
Concen: 45.705 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

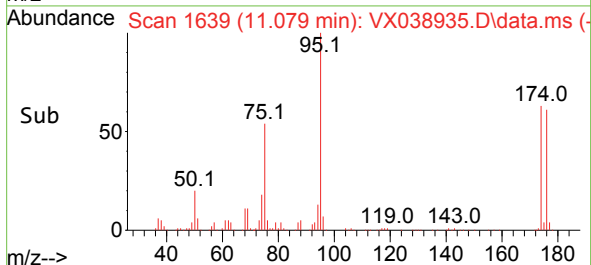
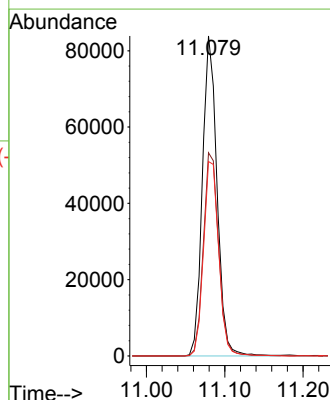
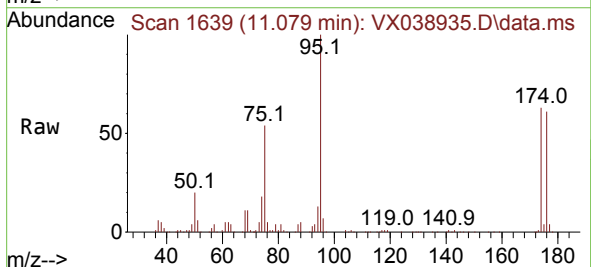
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20231109

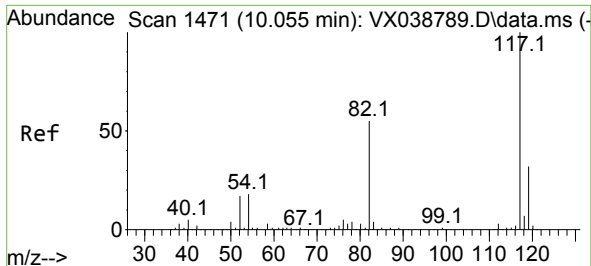
Tgt Ion: 98 Resp: 253236
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion: 95 Resp: 108697
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 63.4 0.0 131.0

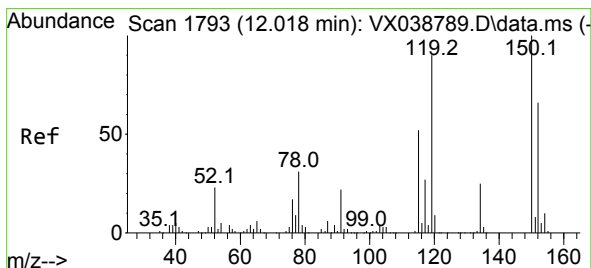
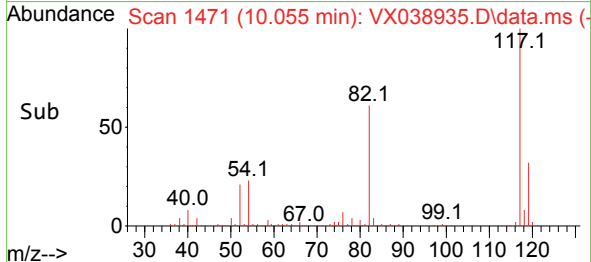
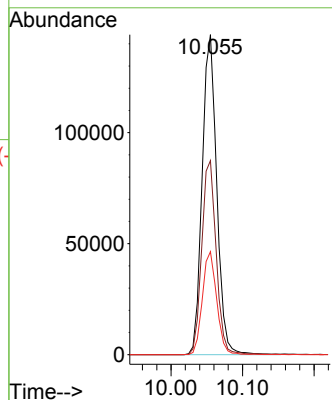
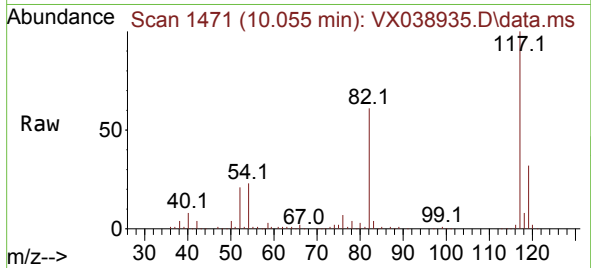




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

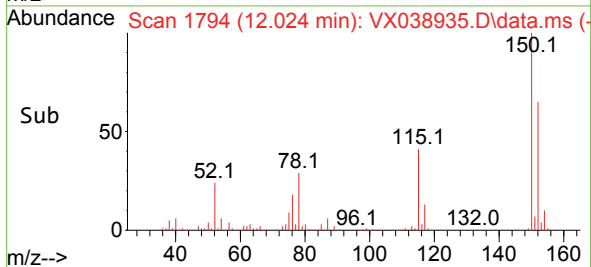
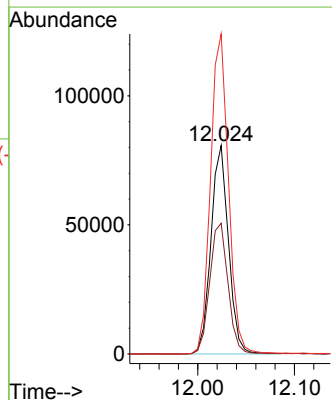
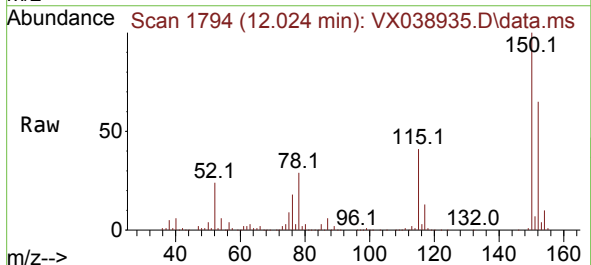
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20231109

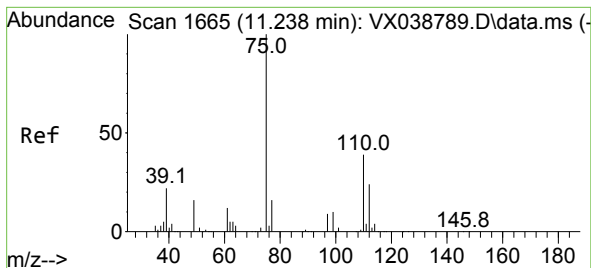
Tgt Ion:117 Resp: 204040
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion:152 Resp: 101673
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 157.2 0.0 345.0

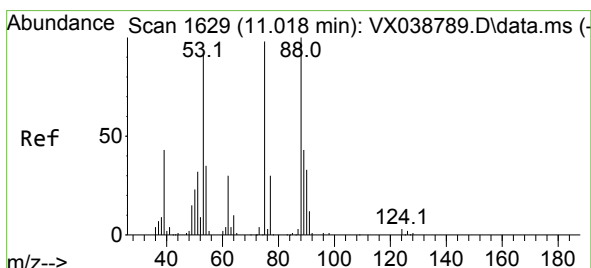
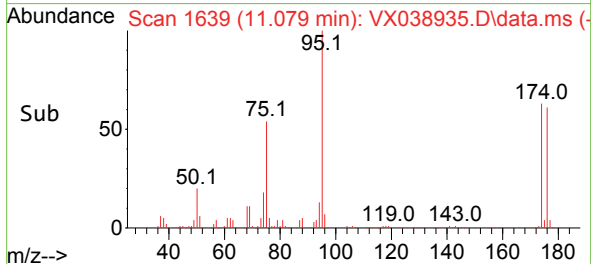
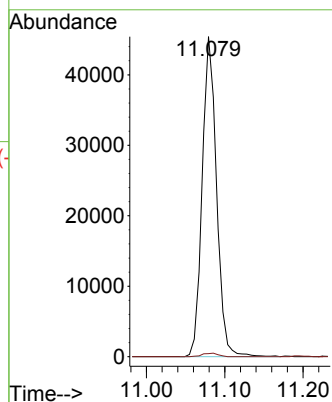
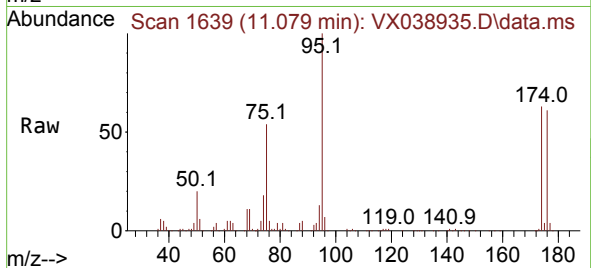




#76
1,2,3-Trichloropropane
Concen: 22.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20231109

Tgt Ion: 75 Resp: 57797
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion: 75 Resp: 57797
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

