

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033250.D
 Acq On : 06 Dec 2022 00:40
 Operator : JC/MD
 Sample : N5841-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 06 06:03:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

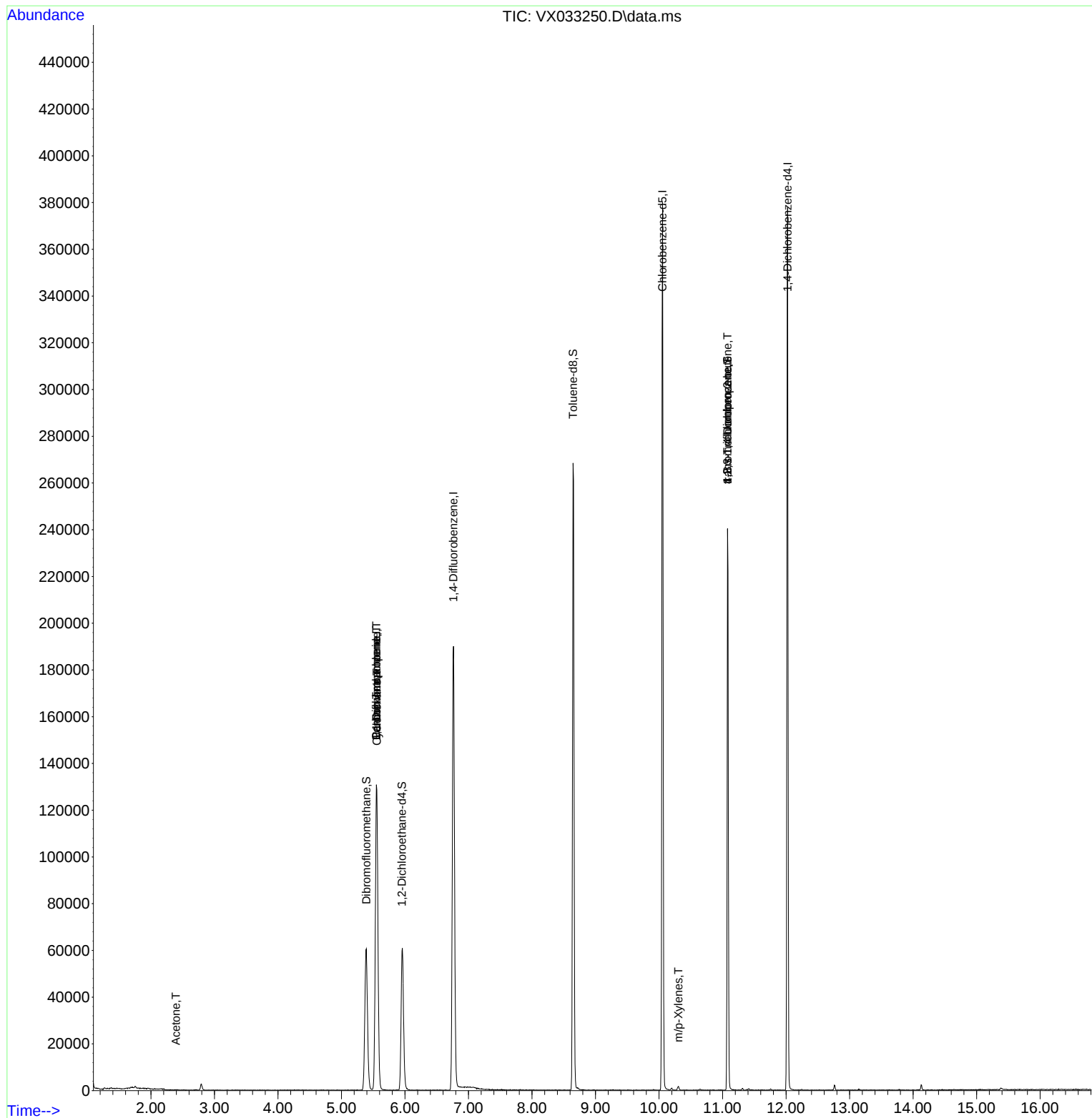
Internal Standards						
1) Pentafluorobenzene	5.549	168	127527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62472	50.142	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.280%	
35) Dibromofluoromethane	5.391	113	53122	47.401	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.800%	
50) Toluene-d8	8.646	98	164185	48.632	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	11.079	95	62644	42.553	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.100%	
Target Compounds						Qvalue
16) Acetone	2.392	43	179	0.309	ug/l #	45
20) Methylene Chloride	2.788	84	1174	Below Cal		92
31) Cyclohexane	5.556	56	2501	1.243	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	9601	5.358	ug/l #	49
38) Carbon Tetrachloride	5.549	117	12937	6.508	ug/l #	15
68) m/p-Xylenes	10.305	106	561	0.234	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	32766	21.591	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32766	70.180	ug/l #	6

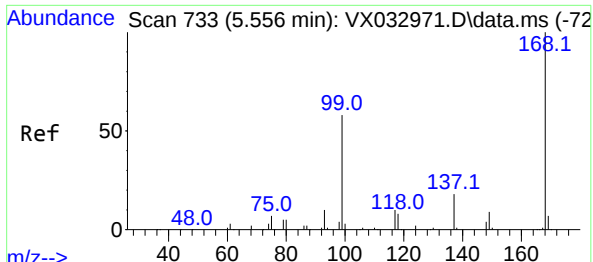
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TRIP-BLANK

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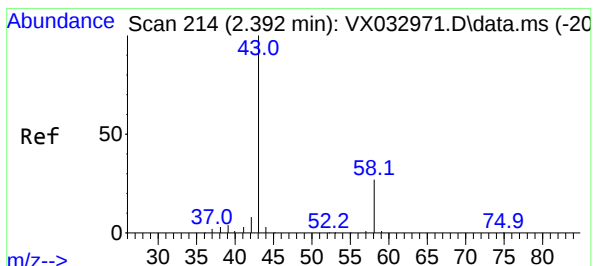
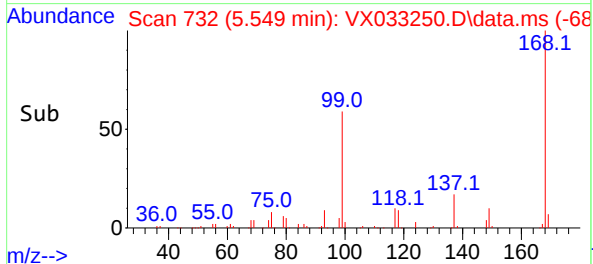
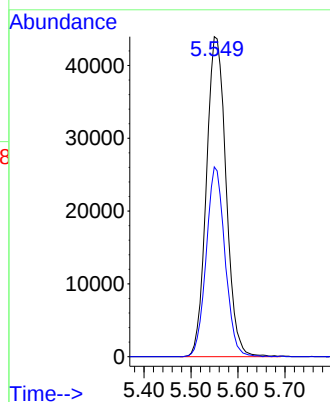
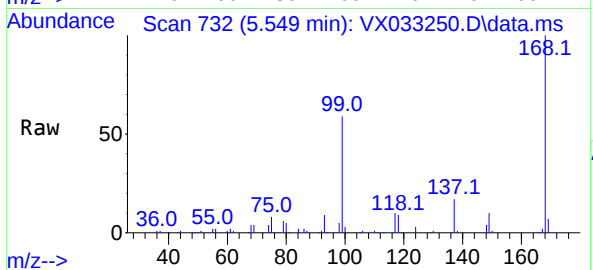




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

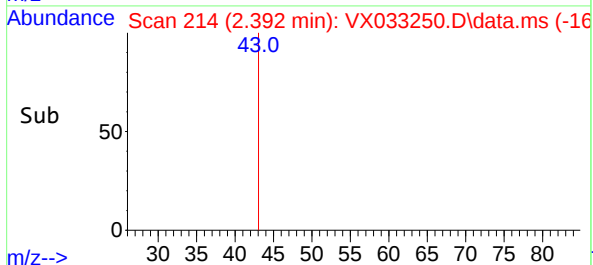
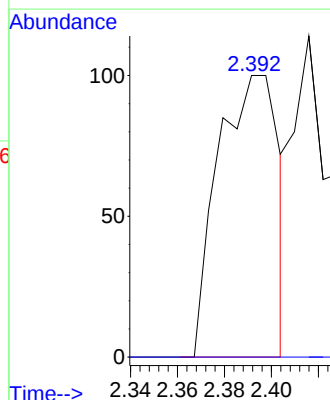
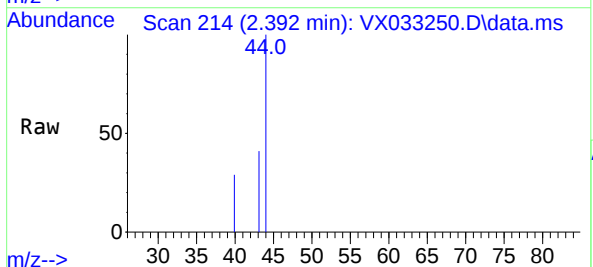
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

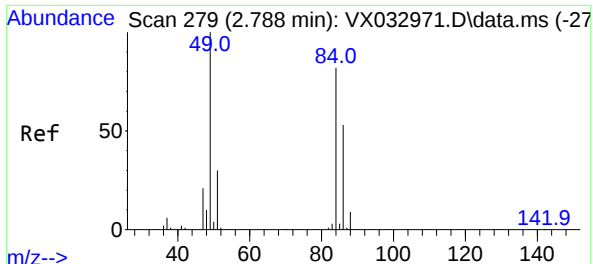
Tgt Ion:168 Resp: 127527
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#16
Acetone
Concen: 0.309 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

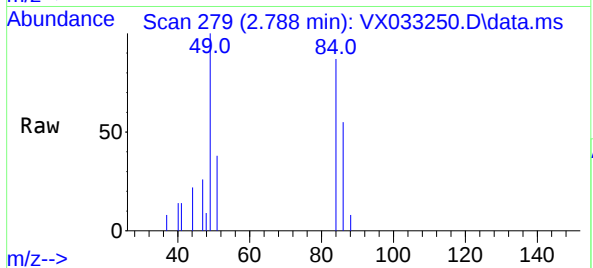
Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





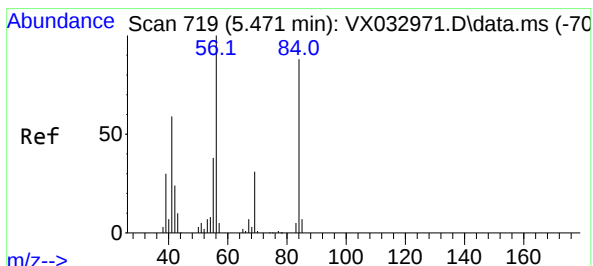
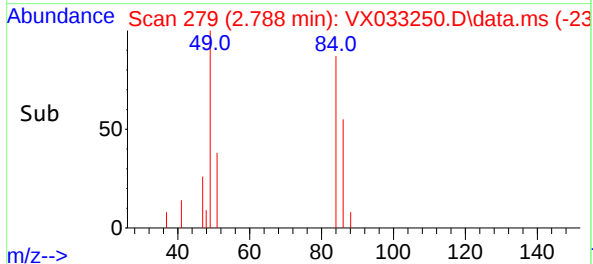
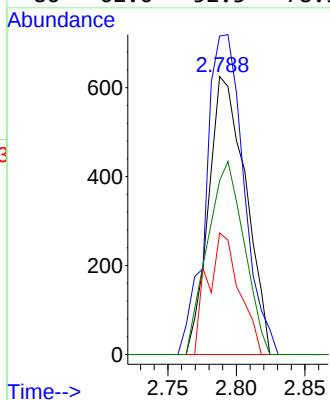
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK



Tgt Ion: 84 Resp: 1174

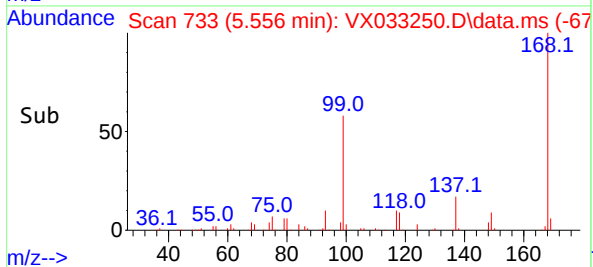
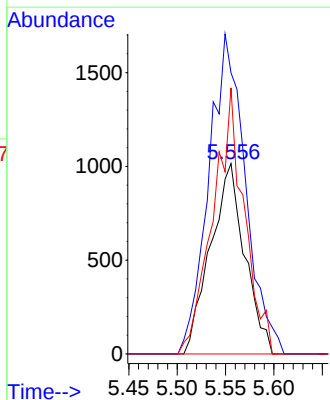
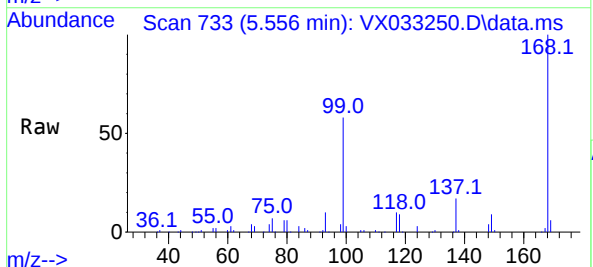
Ion	Ratio	Lower	Upper
84	100		
49	114.6	101.0	151.6
51	43.7	31.1	46.7
86	62.6	52.3	78.5

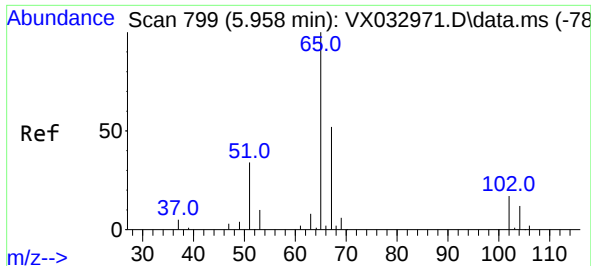


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

Tgt Ion: 56 Resp: 2501

Ion	Ratio	Lower	Upper
56	100		
69	147.7	24.1	36.1#
84	139.8	66.9	100.3#

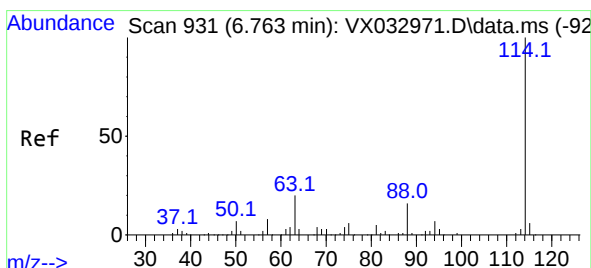
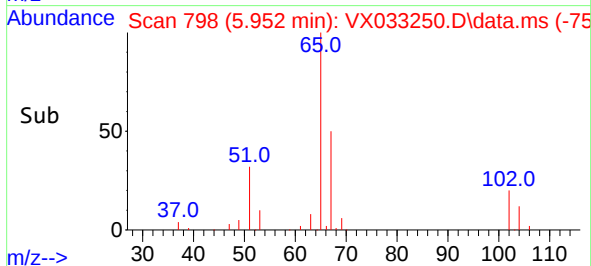
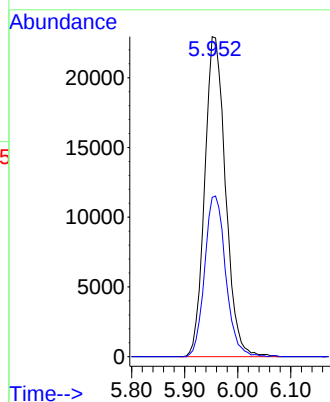
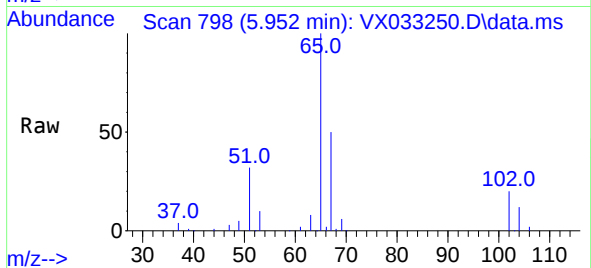




#33
1,2-Dichloroethane-d4
Concen: 50.142 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

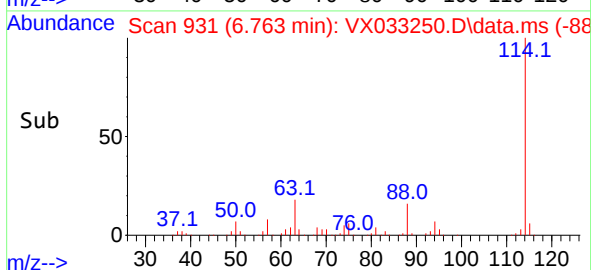
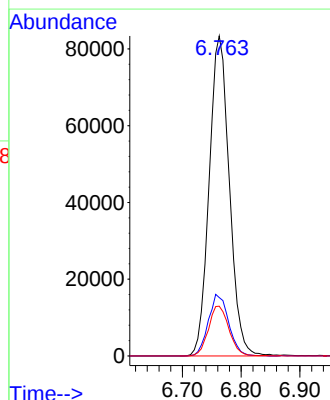
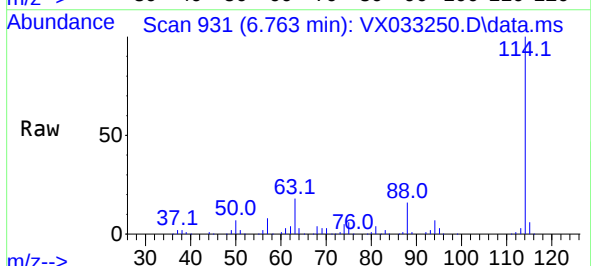
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

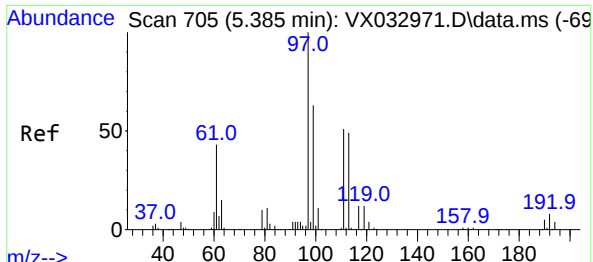
Tgt Ion: 65 Resp: 62472
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

Tgt Ion: 114 Resp: 198788
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.6
88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.401 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX033250.D

Acq: 06 Dec 2022 00:40

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

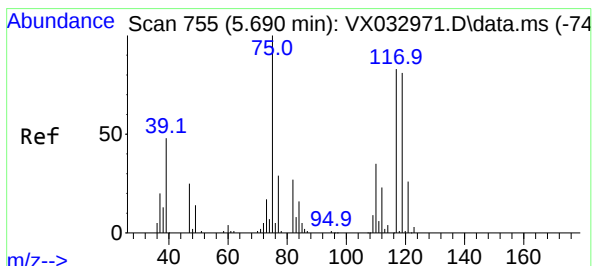
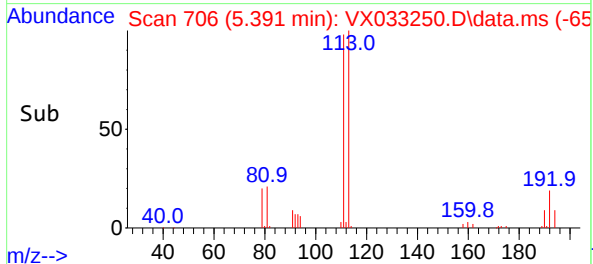
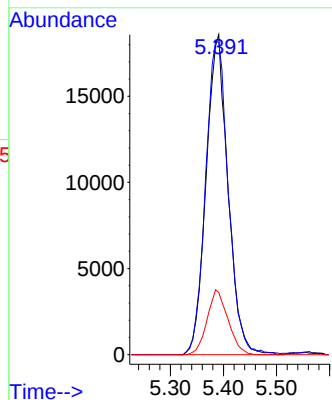
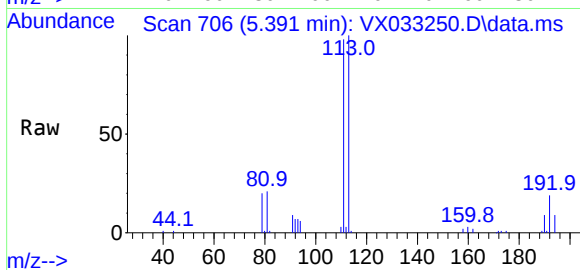
Tgt Ion:113 Resp: 53122

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 19.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.358 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX033250.D

Acq: 06 Dec 2022 00:40

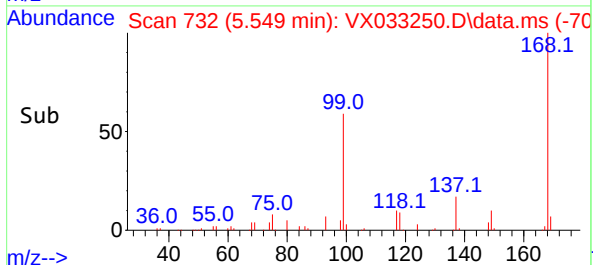
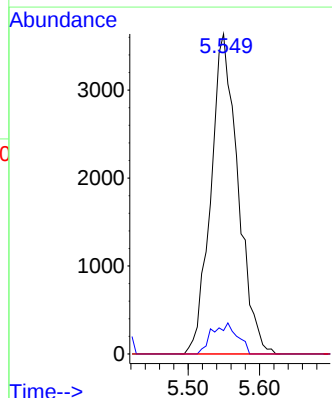
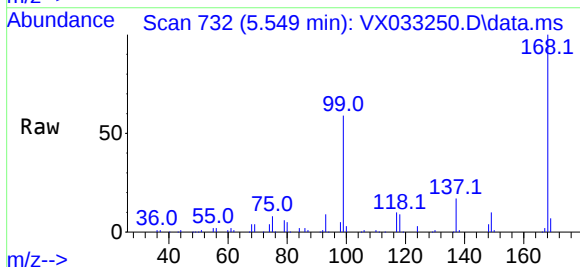
Tgt Ion: 75 Resp: 9601

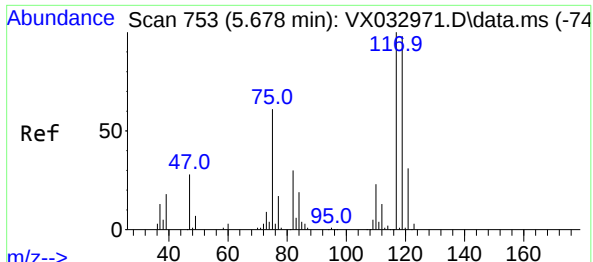
Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.2#

77 0.0 24.5 36.7#

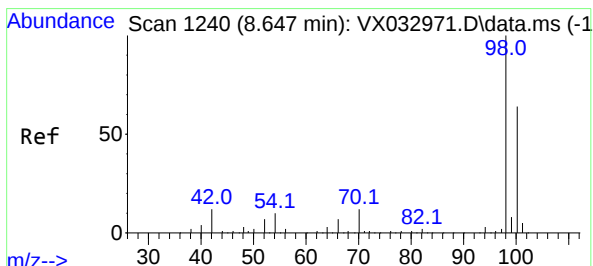
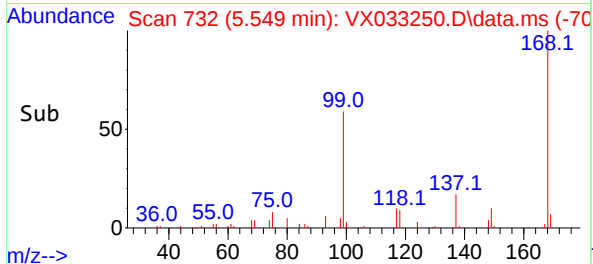
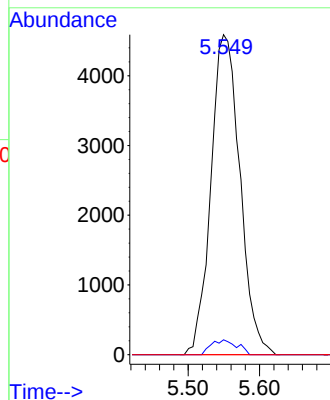
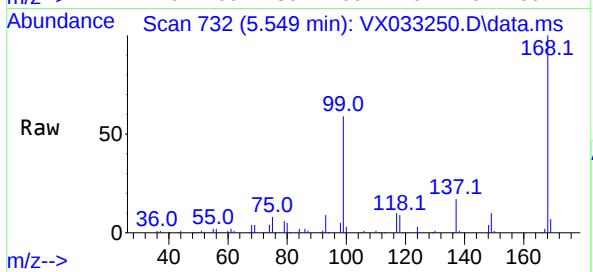




#38
Carbon Tetrachloride
Concen: 6.508 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

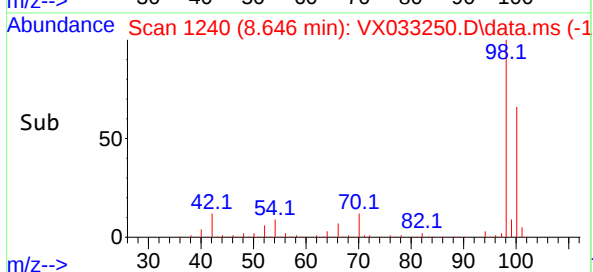
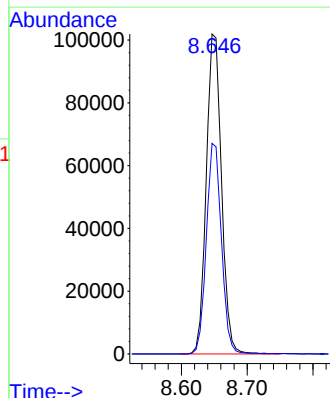
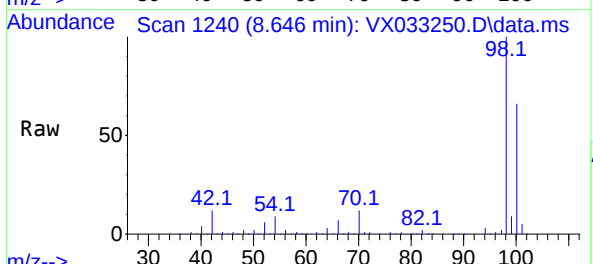
Instrument :
MSVOA_X
ClientSampleId :
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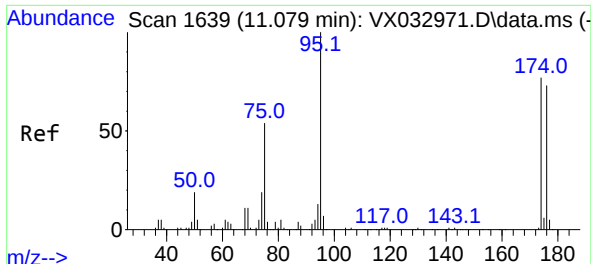
Tgt Ion:117 Resp: 12937
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.632 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

Tgt Ion: 98 Resp: 164185
Ion Ratio Lower Upper
98 100
100 65.2 50.9 76.3

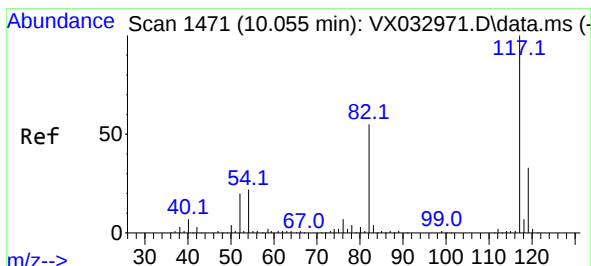
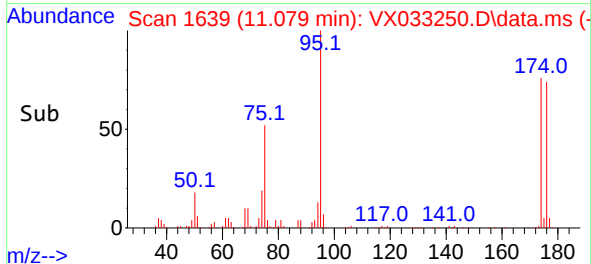
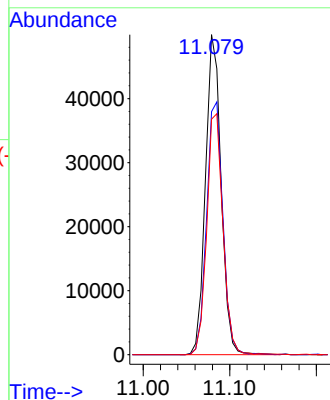
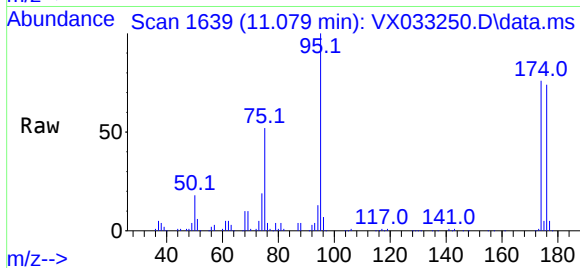




#62
4-Bromofluorobenzene
Concen: 42.553 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

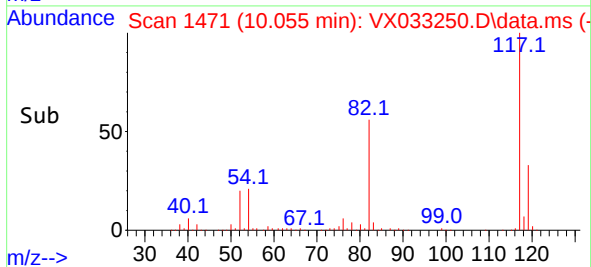
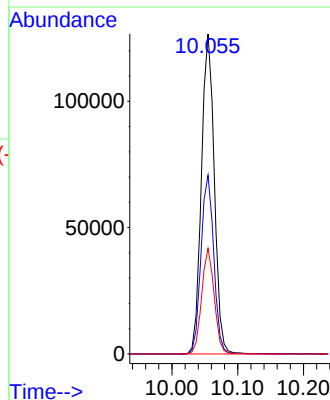
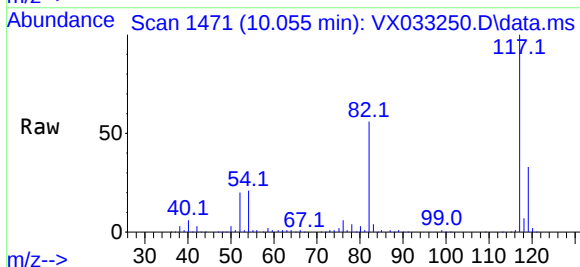
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MSVOA_X
ClientSampleId :
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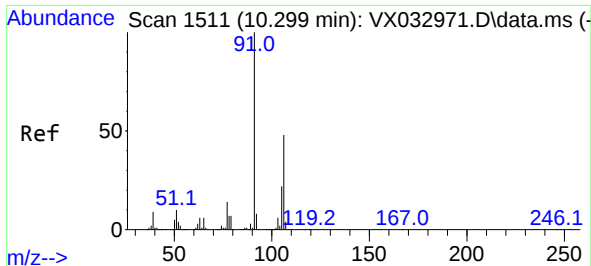
Tgt Ion: 95 Resp: 62644
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 78.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

Tgt Ion: 117 Resp: 172831
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 33.0 25.7 38.5

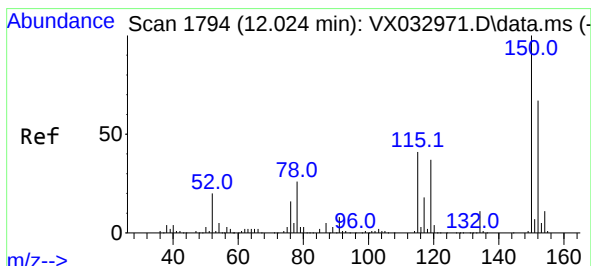
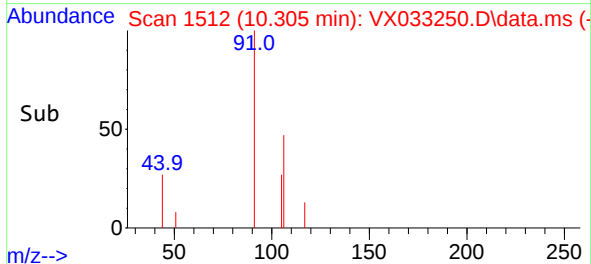
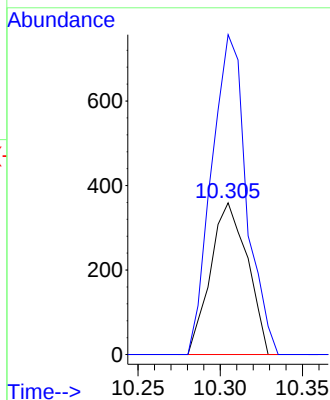
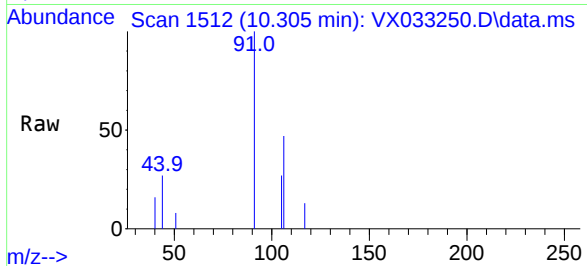




#68
m/p-Xylenes
Concen: 0.234 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

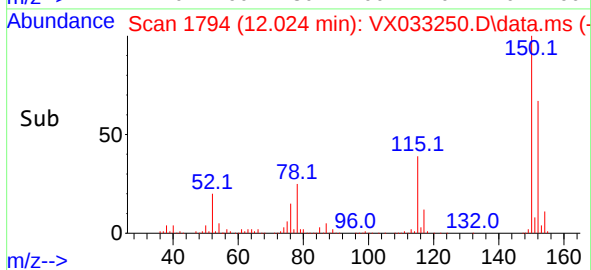
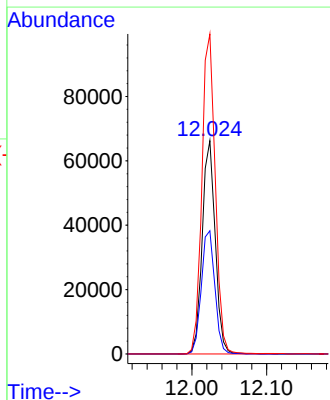
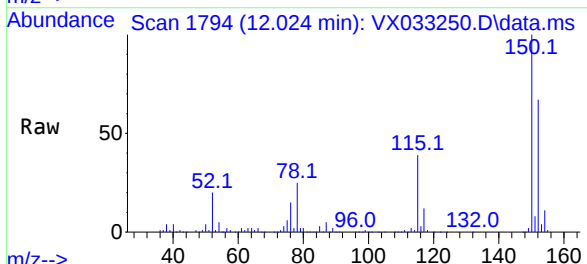
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

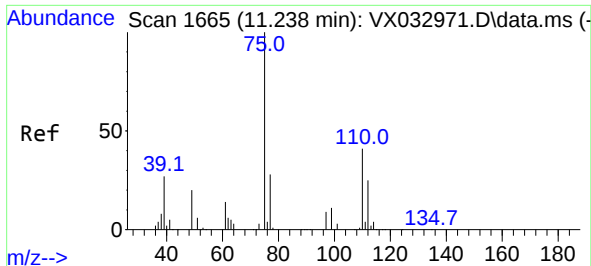
Tgt Ion:106 Resp: 561
Ion Ratio Lower Upper
106 100
91 199.5 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

Tgt Ion:152 Resp: 80133
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 154.2 0.0 351.8

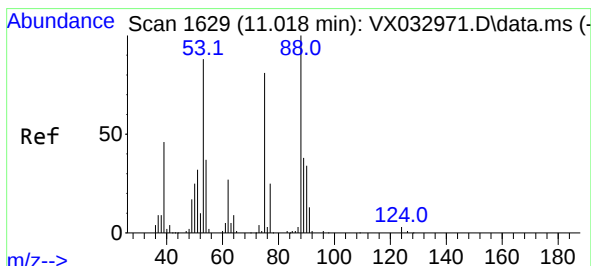
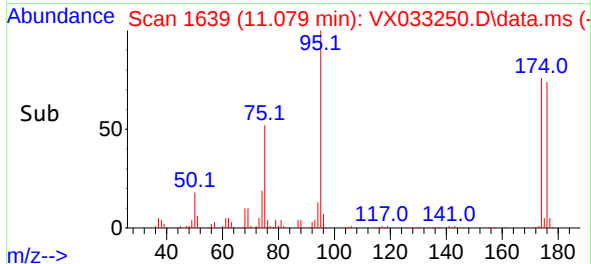
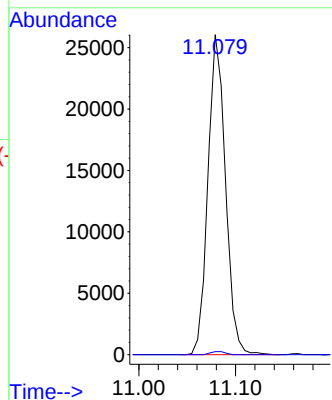
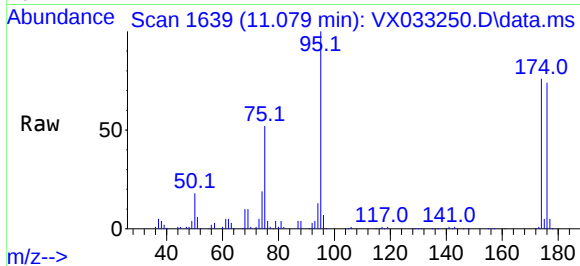




#76
1,2,3-Trichloropropane
Concen: 21.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 32766
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033250.D
Acq: 06 Dec 2022 00:40

Tgt Ion: 75 Resp: 32766
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

