

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034874.D
 Acq On : 31 Mar 2023 13:39
 Operator : JC/MD
 Sample : 02048-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 03 01:17:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

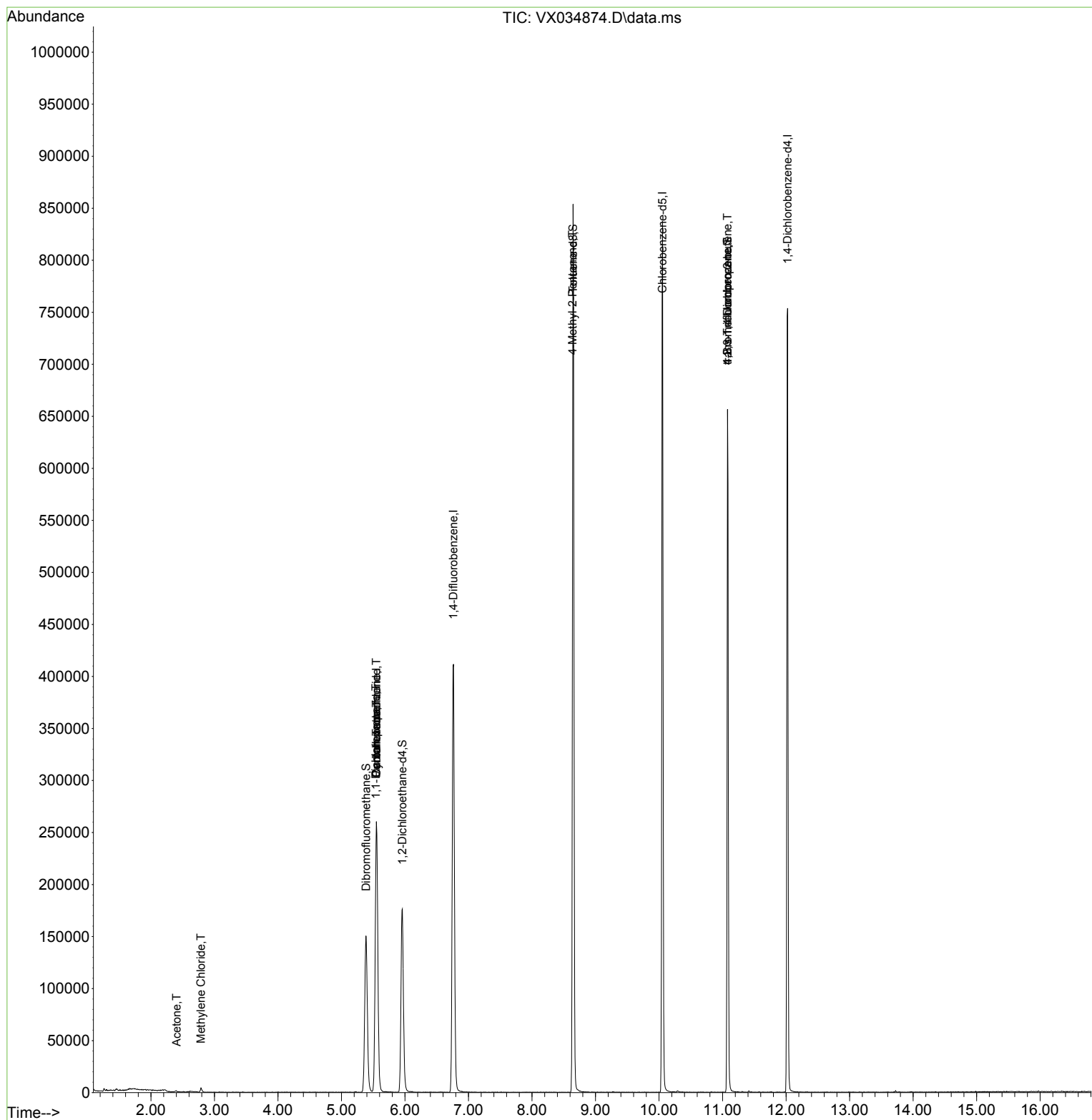
Internal Standards						
1) Pentafluorobenzene	5.550	168	238544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170288	46.677	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.360%
35) Dibromofluoromethane	5.385	113	128728	47.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.647	98	490332	49.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	170782	44.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.640%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1479	0.998	ug/l #	73
20) Methylene Chloride	2.788	84	1610	0.551	ug/l	96
31) Cyclohexane	5.550	56	6082	1.369	ug/l #	13
36) 1,1-Dichloropropene	5.544	75	20090	5.027	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25358	6.730	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	2556	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	94414	30.332	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94414	90.902	ug/l #	8

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

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Instrument :
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ClientSampleId :
TRIP-BLANK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

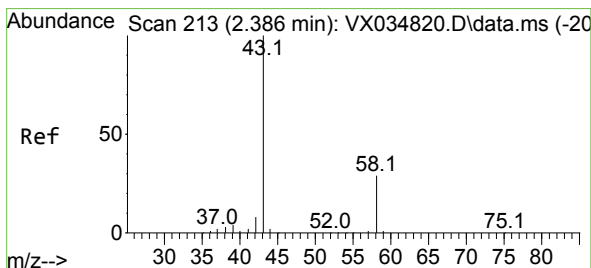
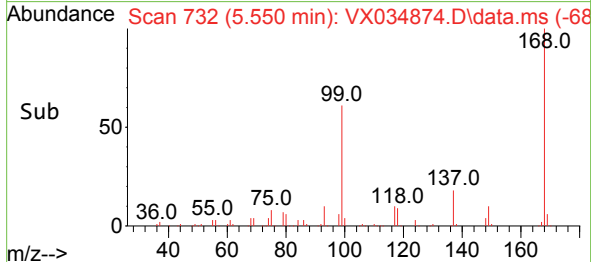
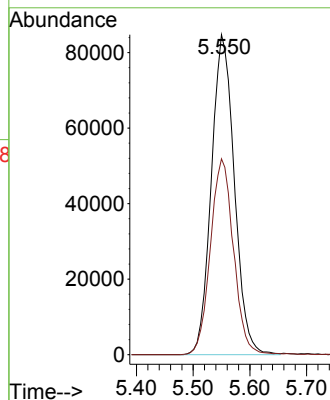
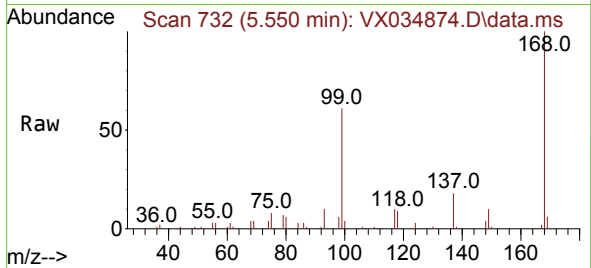




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

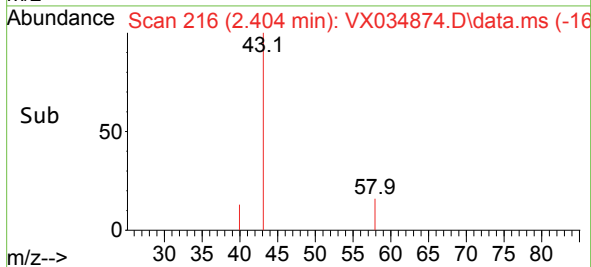
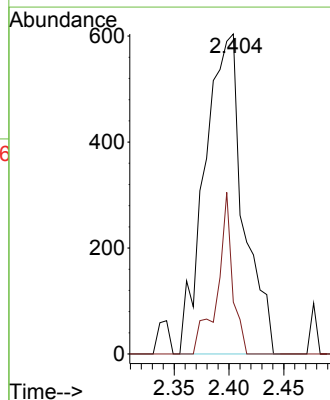
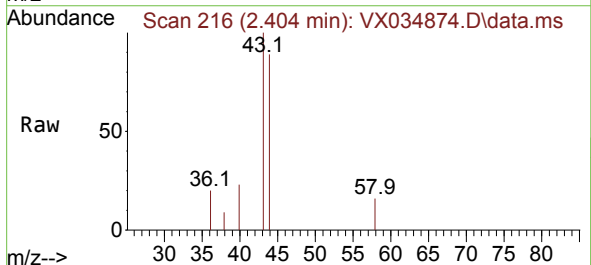
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

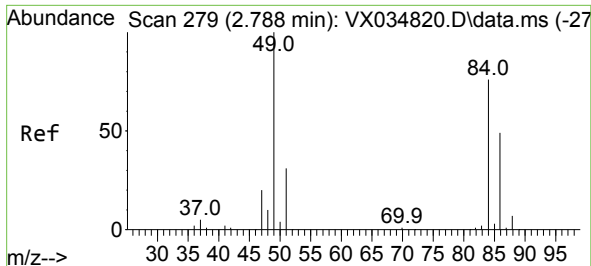
Tgt Ion:168 Resp: 238544
Ion Ratio Lower Upper
168 100
99 61.2 45.7 68.5



#16
Acetone
Concen: 0.998 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 16.2 24.7 37.1#

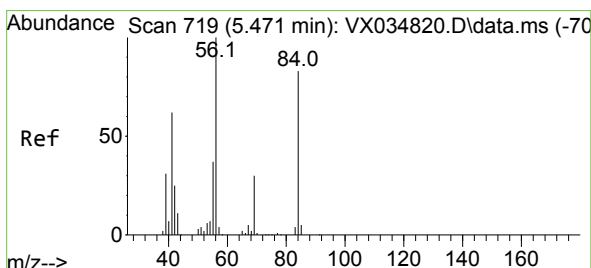
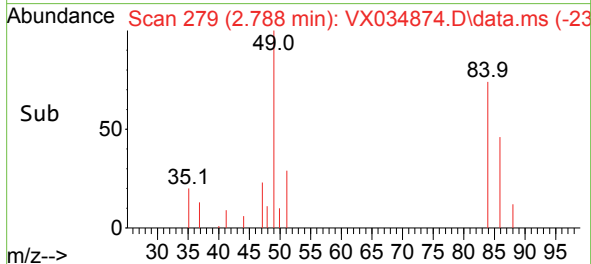
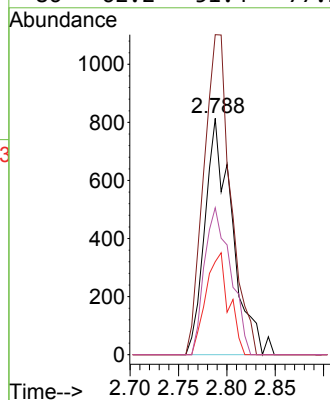
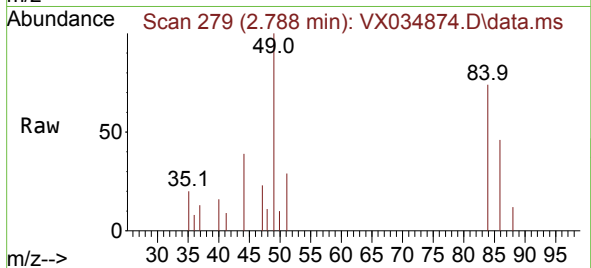




#20
Methylene Chloride
Concen: 0.551 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

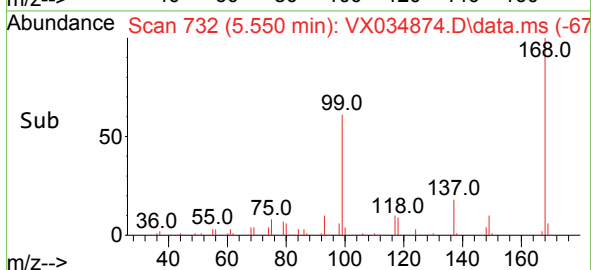
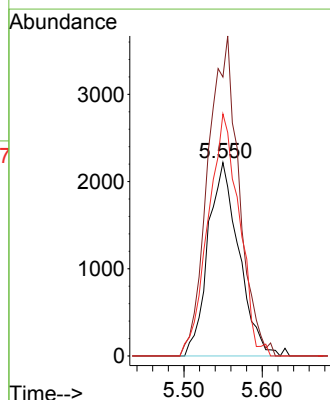
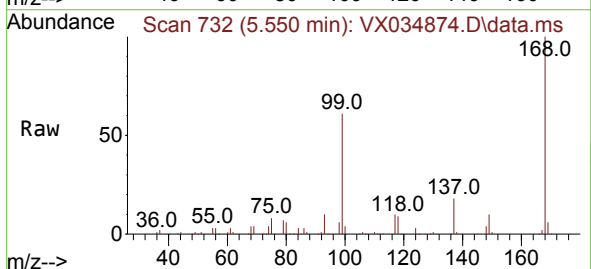
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

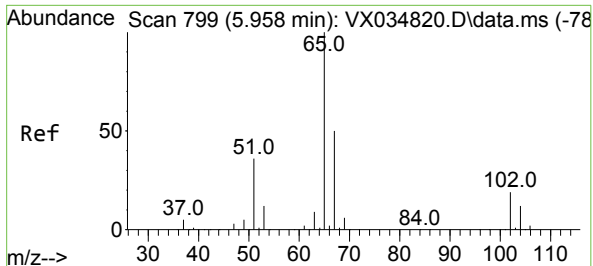
Tgt Ion:	84	Resp:	1610
Ion	Ratio	Lower	Upper
84	100		
49	135.4	103.8	155.8
51	39.3	31.8	47.8
86	62.2	51.4	77.2



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Tgt Ion:	56	Resp:	6082
Ion	Ratio	Lower	Upper
56	100		
69	144.2	23.7	35.5#
84	125.2	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 46.677 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034874.D

Acq: 31 Mar 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

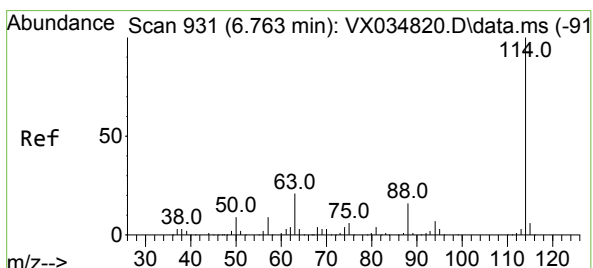
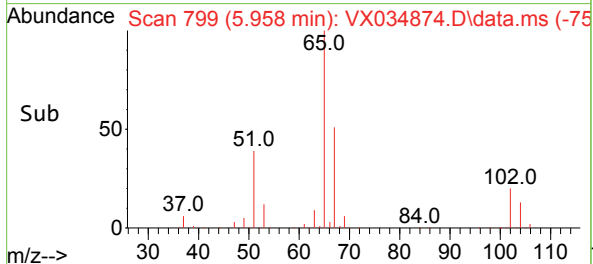
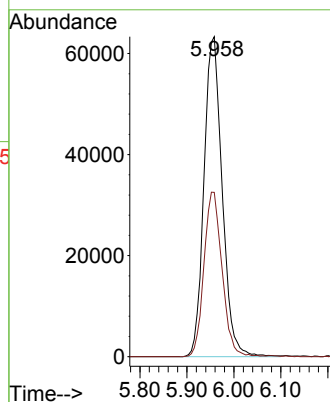
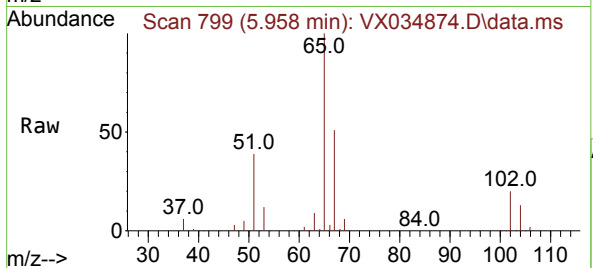
TRIP-BLANK

Tgt Ion: 65 Resp: 170288

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034874.D

Acq: 31 Mar 2023 13:39

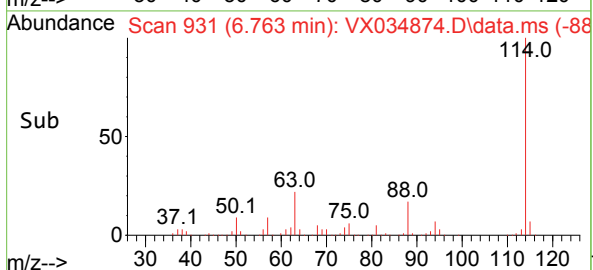
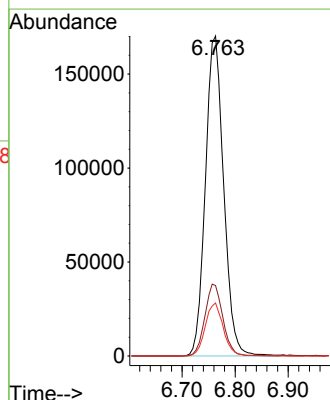
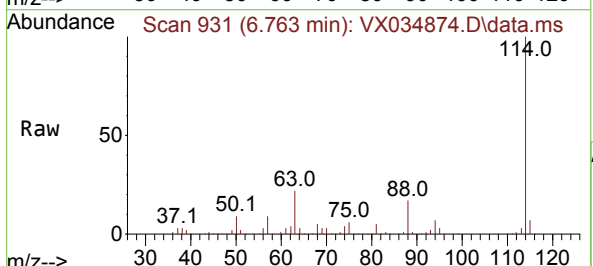
Tgt Ion: 114 Resp: 407866

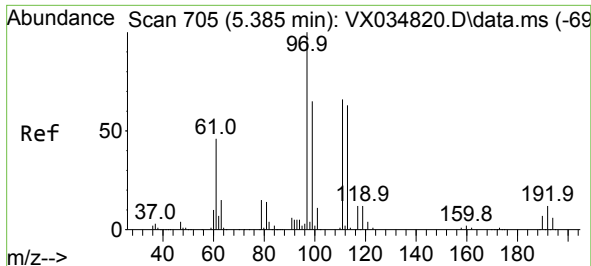
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.5 0.0 33.2

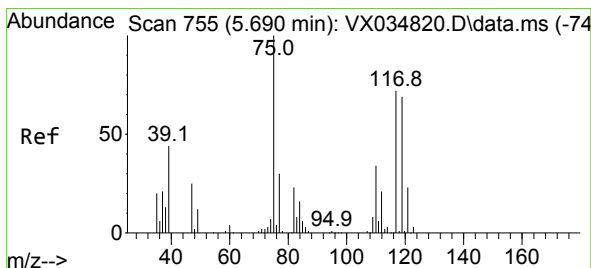
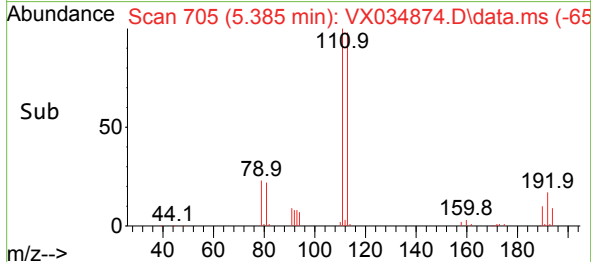
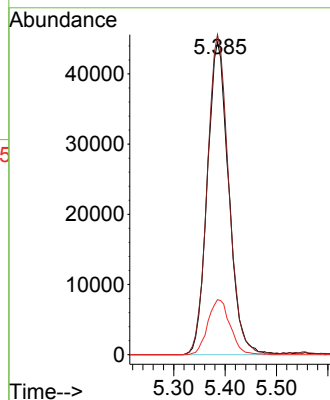
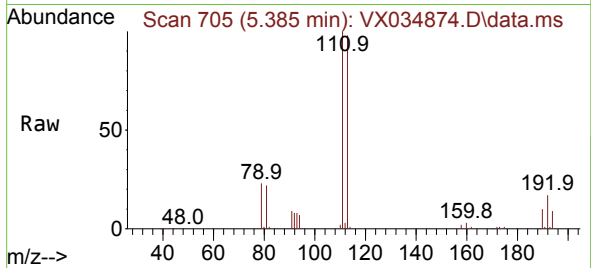




#35
Dibromofluoromethane
Concen: 47.718 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

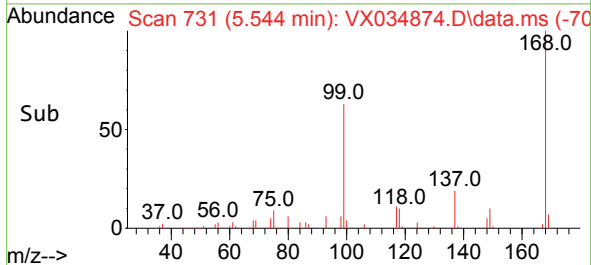
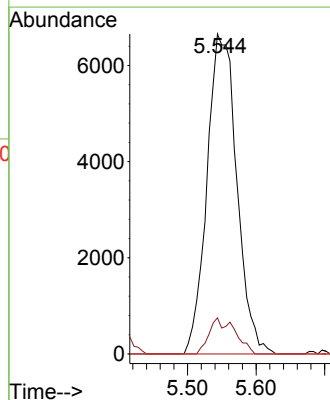
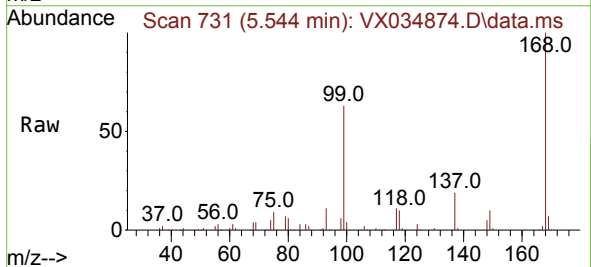
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

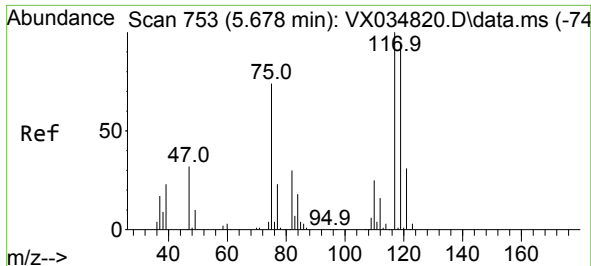
Tgt Ion:113 Resp: 128728
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 18.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

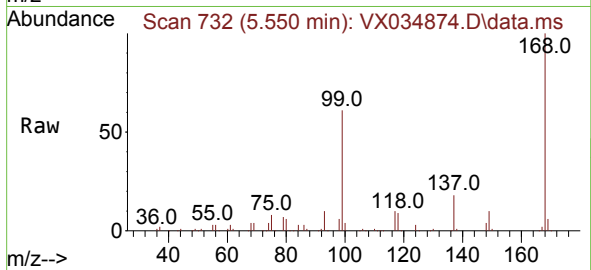
Tgt Ion: 75 Resp: 20090
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



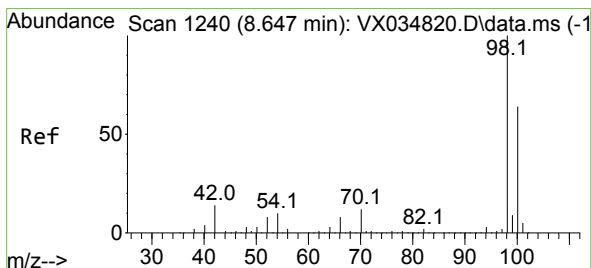
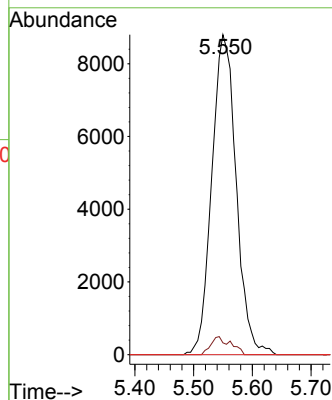
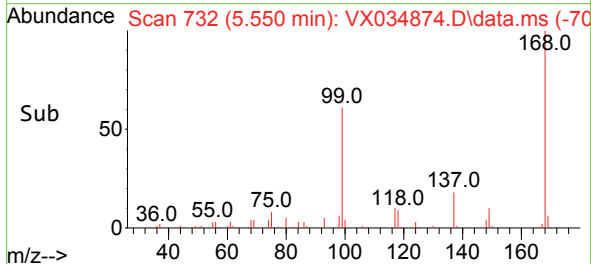


#38
Carbon Tetrachloride
Concen: 6.730 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

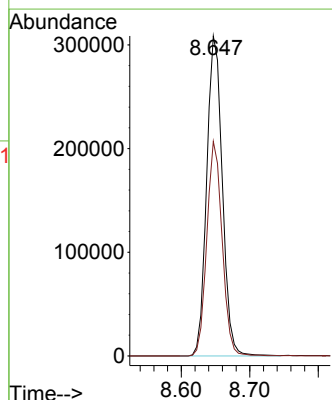
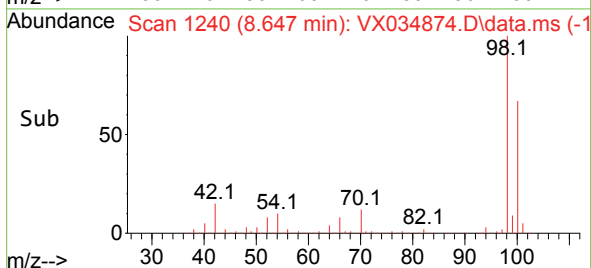
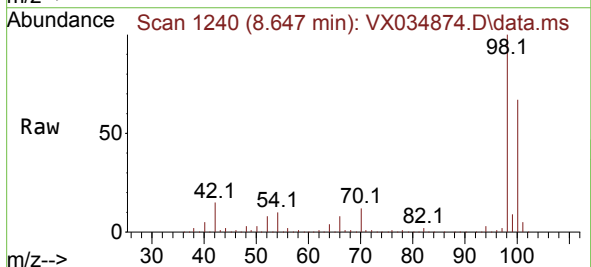


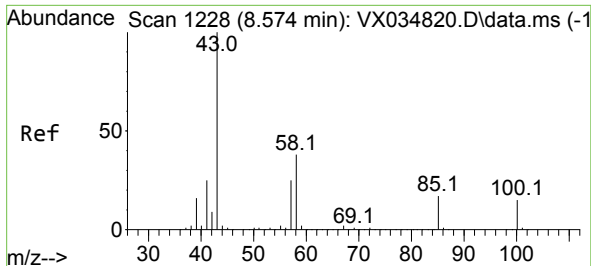
Tgt Ion:117 Resp: 25358
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.243 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Tgt Ion: 98 Resp: 490332
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.618 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX034874.D

Acq: 31 Mar 2023 13:39

Instrument :

MSVOA_X

ClientSampleId :

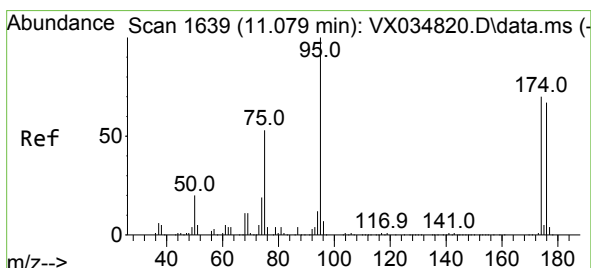
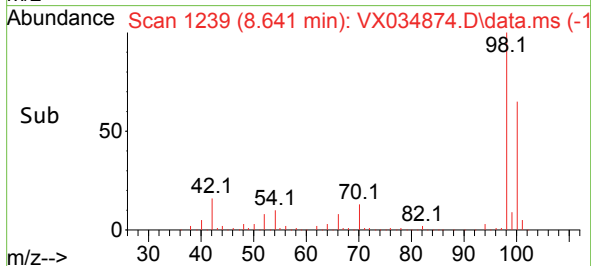
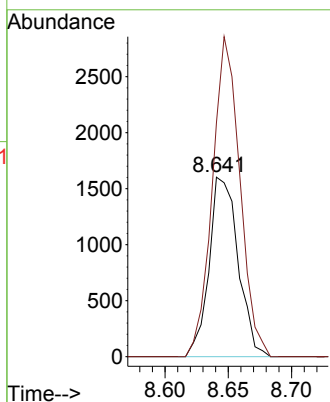
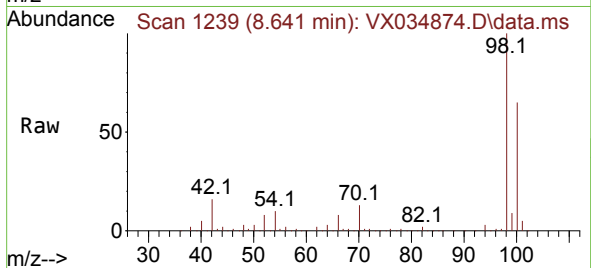
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Tgt Ion: 43 Resp: 2556

Ion Ratio Lower Upper

43 100

58 169.2 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 44.321 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034874.D

Acq: 31 Mar 2023 13:39

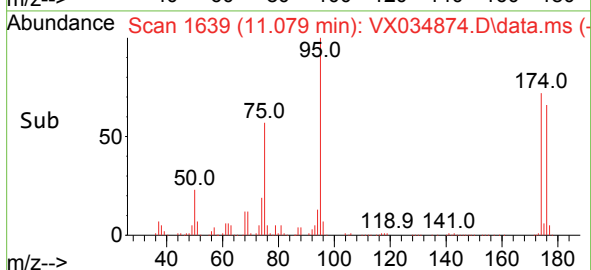
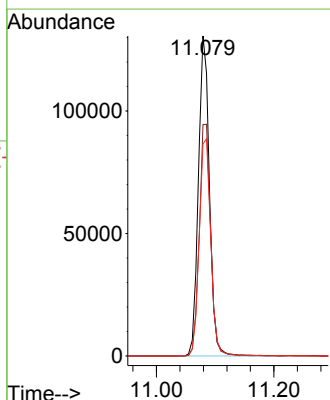
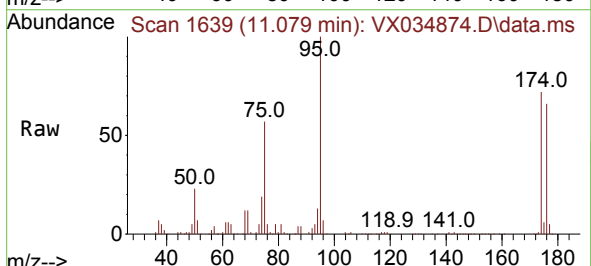
Tgt Ion: 95 Resp: 170782

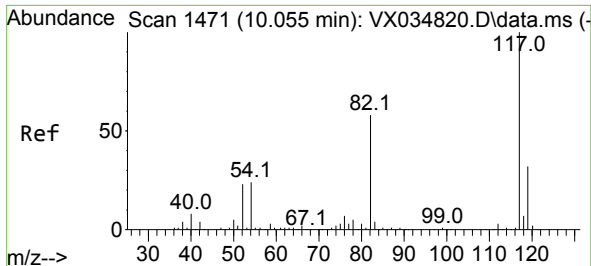
Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.4

176 70.8 0.0 140.6

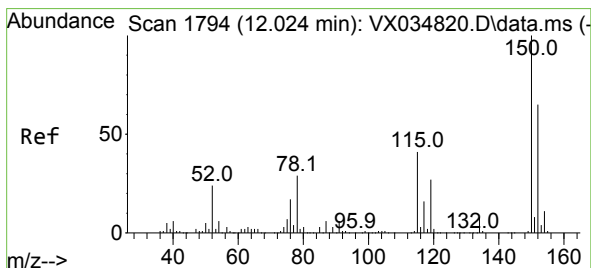
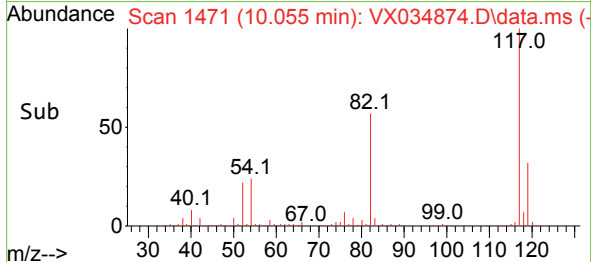
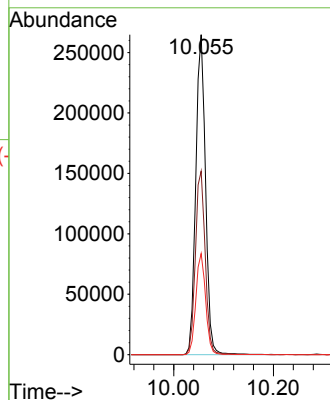
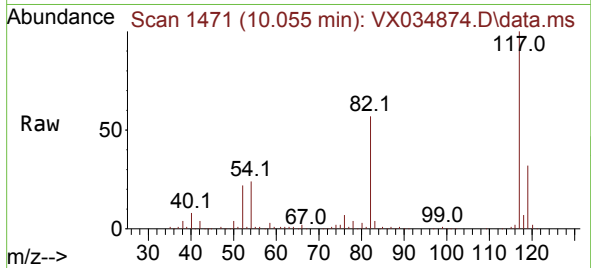




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

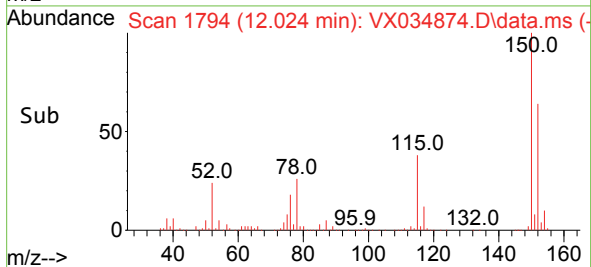
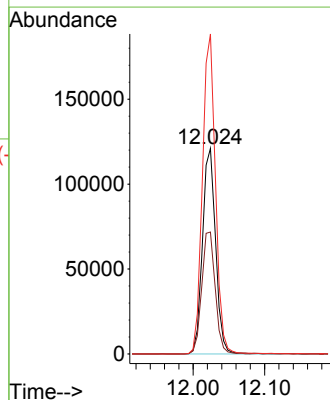
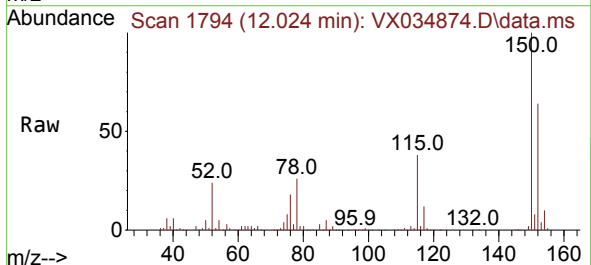
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

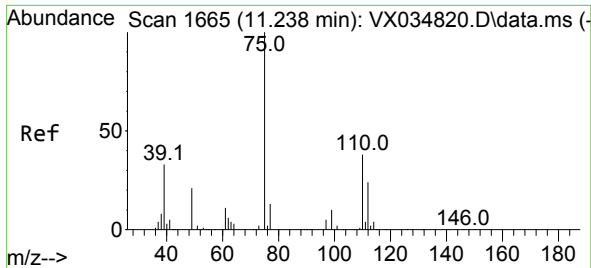
Tgt Ion:117 Resp: 359647
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Tgt Ion:152 Resp: 154482
Ion Ratio Lower Upper
152 100
115 60.9 45.0 135.0
150 154.5 0.0 352.4

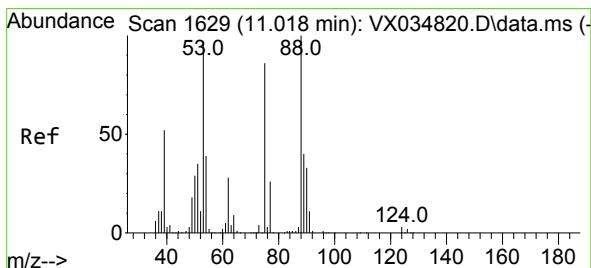
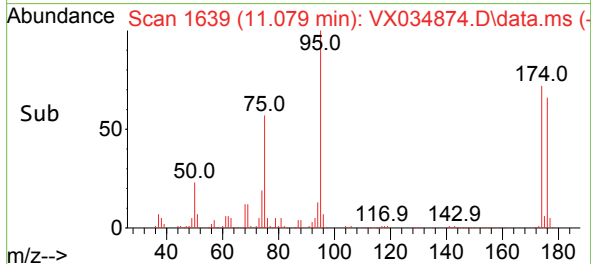
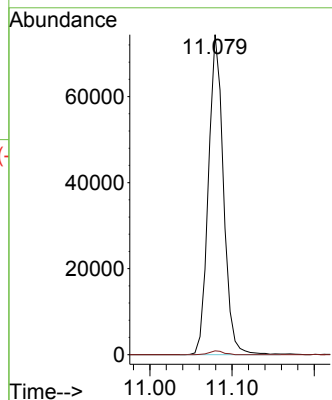
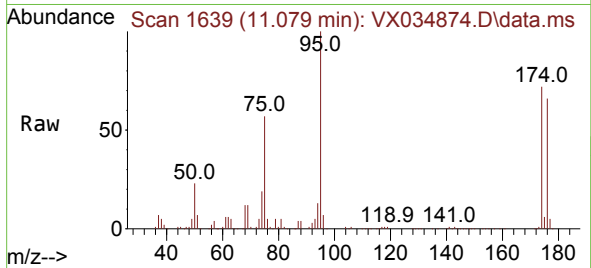




#76
1,2,3-Trichloropropane
Concen: 30.332 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 94414
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034874.D
Acq: 31 Mar 2023 13:39

Tgt Ion: 75 Resp: 94414
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

