

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035374.D
 Acq On : 28 Apr 2023 08:27
 Operator : JC/MD
 Sample : 02522-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 28 08:54:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

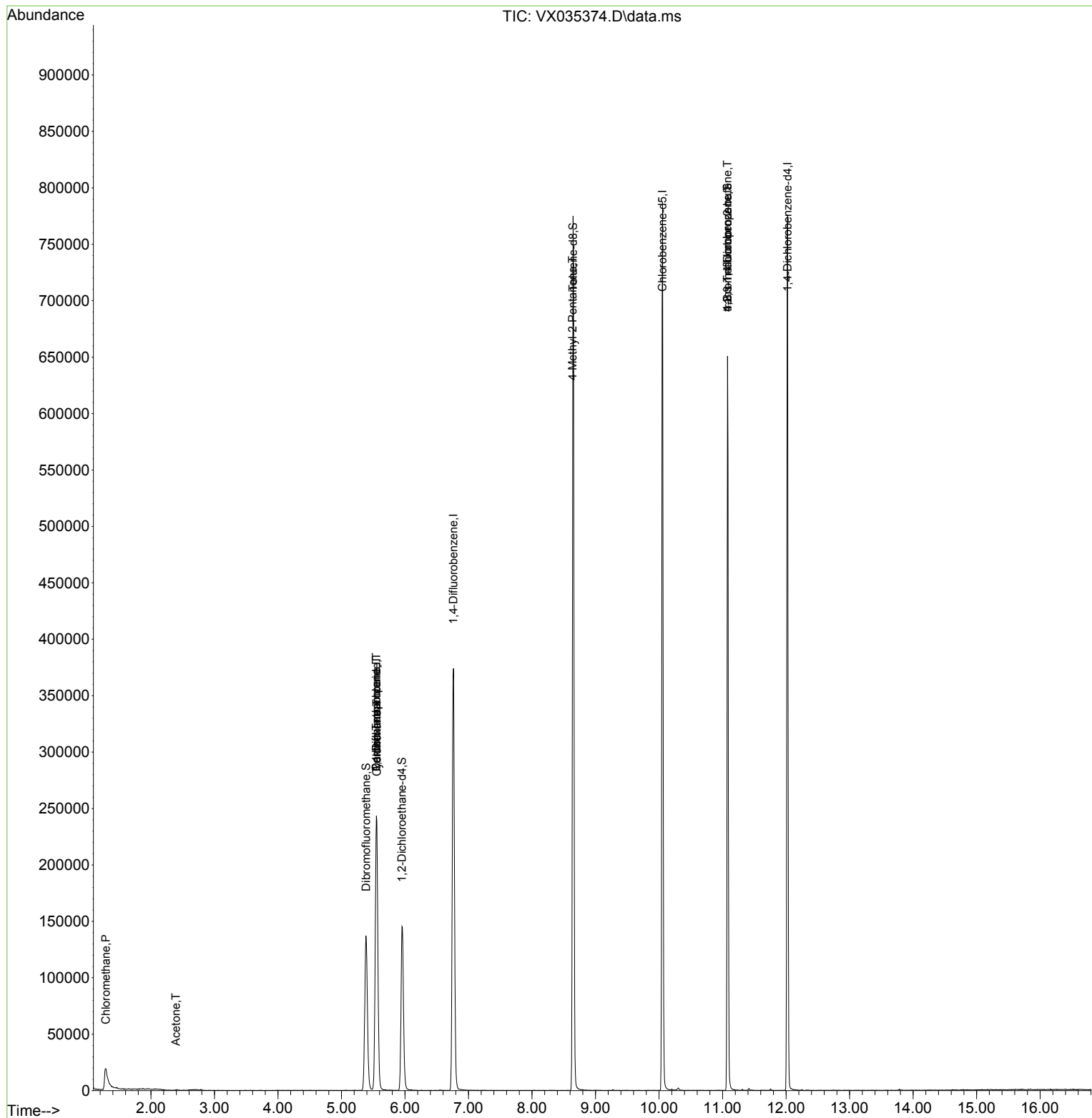
Internal Standards						
1) Pentafluorobenzene	5.550	168	240023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143791	49.656	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.320%
35) Dibromofluoromethane	5.385	113	122449	50.130	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.647	98	464082	50.365	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.720%
62) 4-Bromofluorobenzene	11.079	95	176097	50.803	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1294	0.560	ug/l #	42
16) Acetone	2.392	43	570	0.453	ug/l	95
31) Cyclohexane	5.556	56	4515	1.099	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17505	4.590	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23769	6.565	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1995	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86250	25.129	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	86250	81.388	ug/l #	8

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

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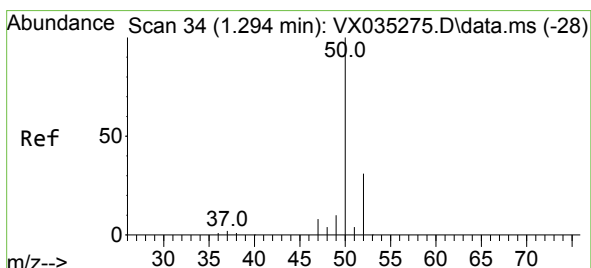
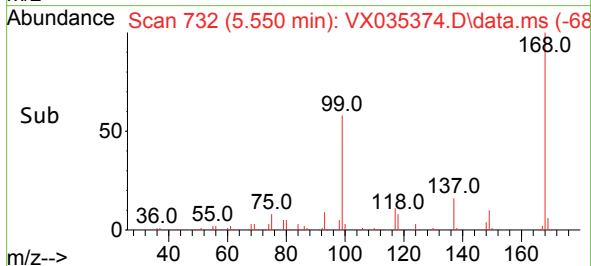
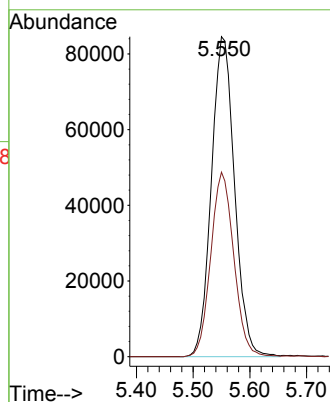
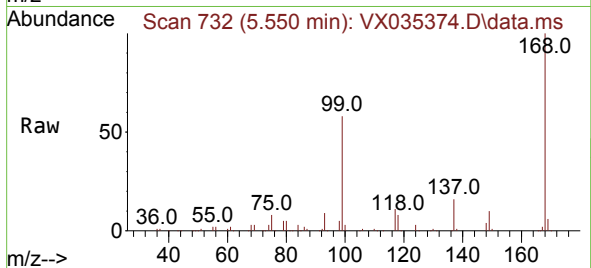




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

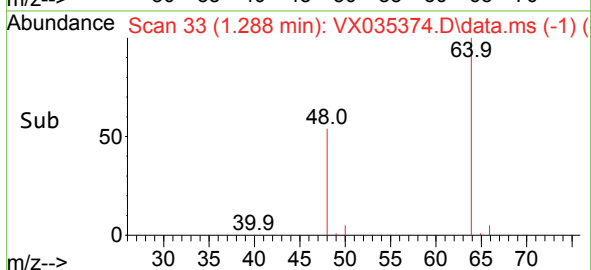
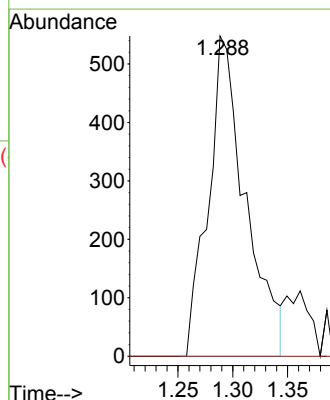
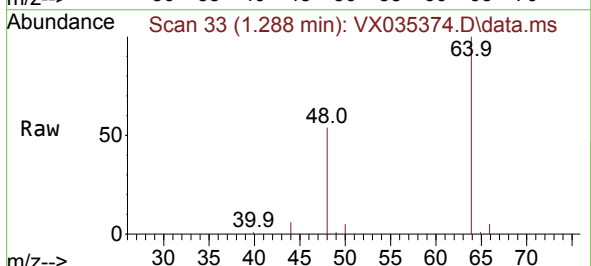
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

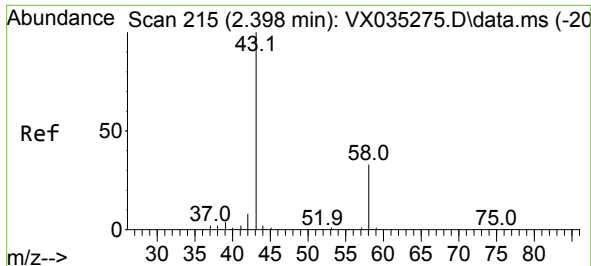
Tgt Ion:168 Resp: 240023
Ion Ratio Lower Upper
168 100
99 57.6 45.7 68.5



#3
Chloromethane
Concen: 0.560 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

Tgt Ion: 50 Resp: 1294
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

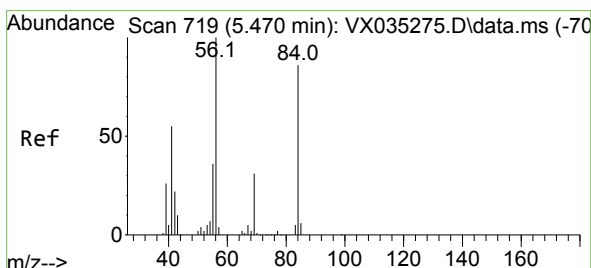
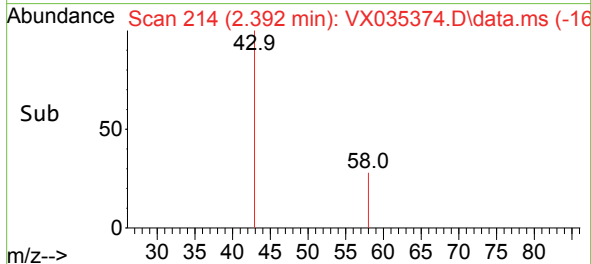
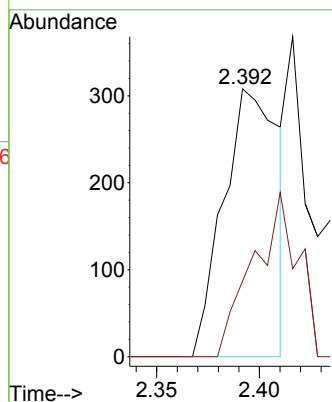
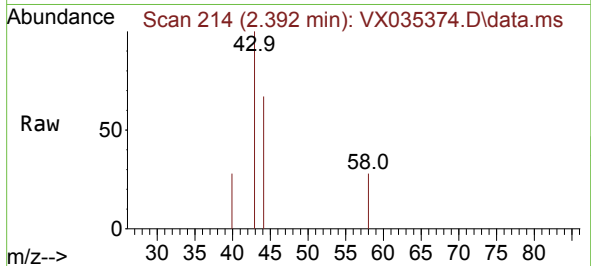




#16
Acetone
Concen: 0.453 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

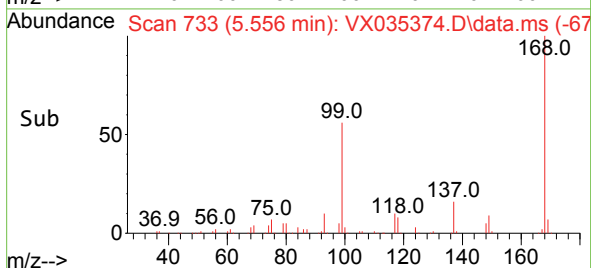
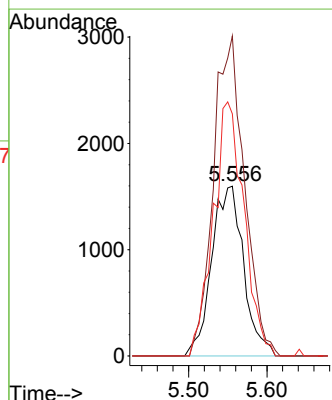
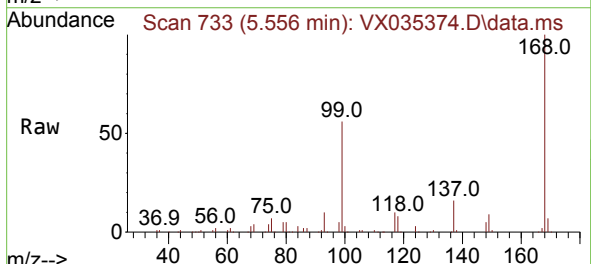
Instrument :
MSVOA_X
ClientSampleId :
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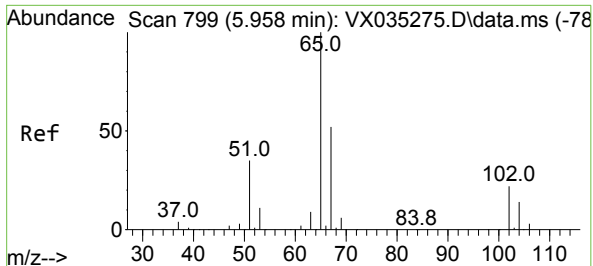
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 28.2 24.7 37.1



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

Tgt Ion: 56 Resp: 4515
Ion Ratio Lower Upper
56 100
69 188.4 23.7 35.5#
84 142.6 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.656 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035374.D

Acq: 28 Apr 2023 08:27

Instrument :

MSVOA_X

ClientSampleId :

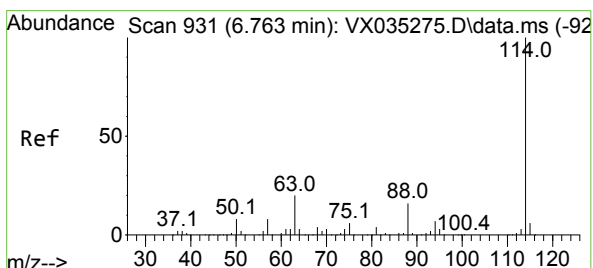
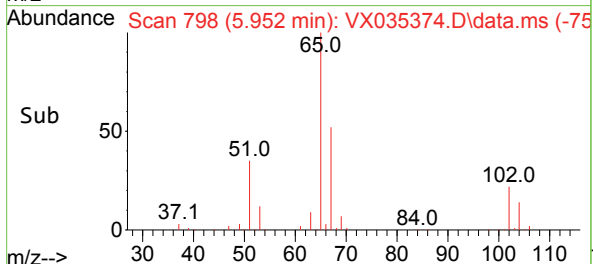
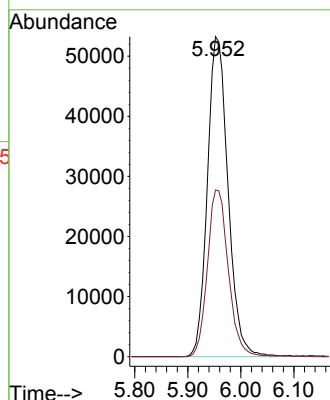
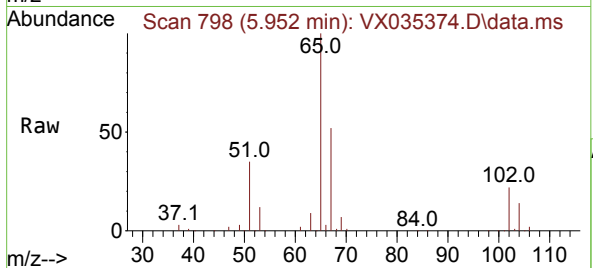
TRIP-BLANK

Tgt Ion: 65 Resp: 143791

Ion Ratio Lower Upper

65 100

67 52.9 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: VX035374.D

Acq: 28 Apr 2023 08:27

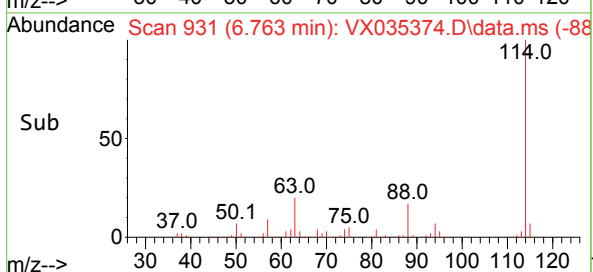
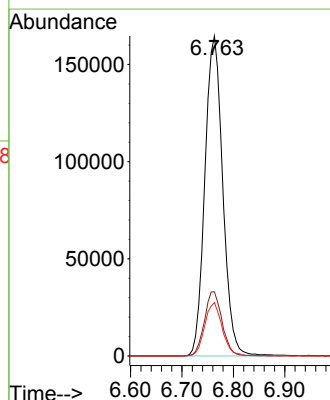
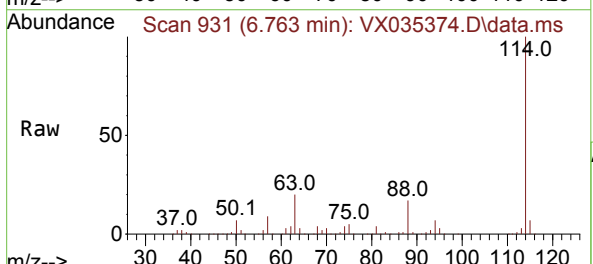
Tgt Ion: 114 Resp: 397971

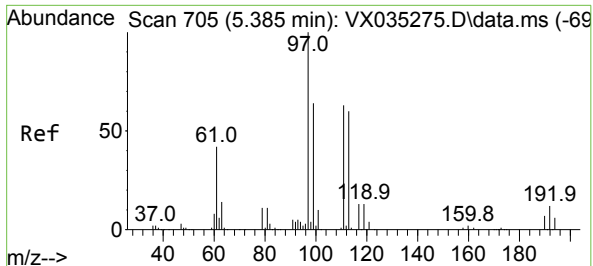
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.2

88 16.7 0.0 33.2

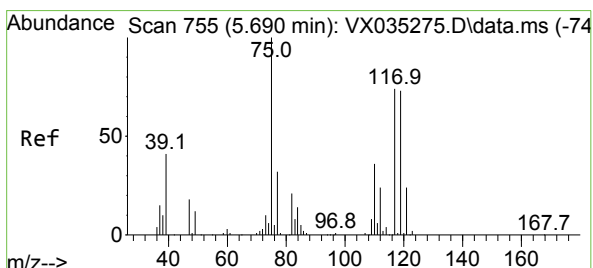
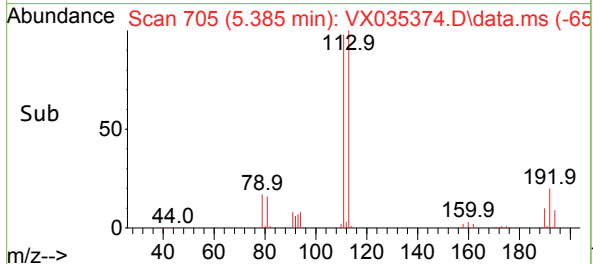
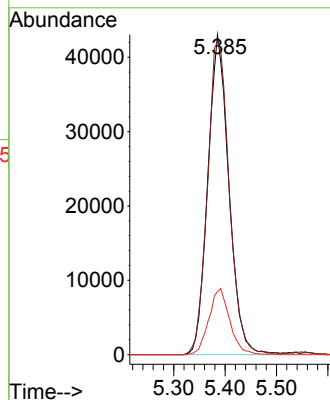
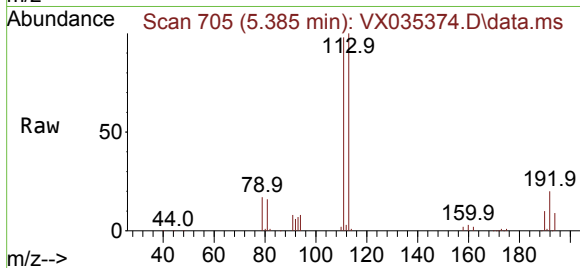




#35
Dibromofluoromethane
Concen: 50.130 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

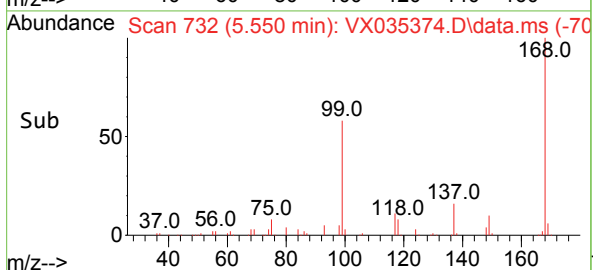
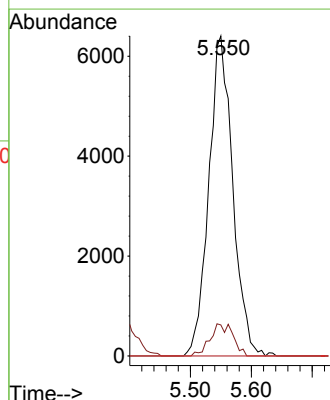
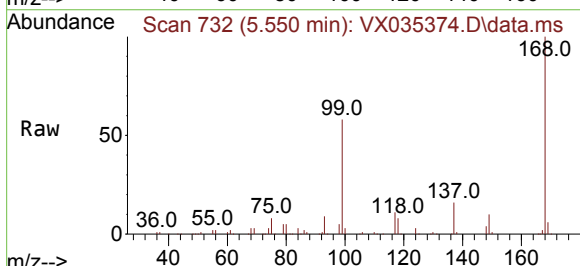
Instrument :
MSVOA_X
ClientSampleId :
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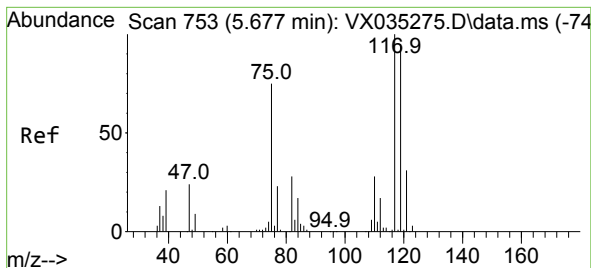
Tgt Ion:113 Resp: 122449
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 20.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.590 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

Tgt Ion: 75 Resp: 17505
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.565 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.127 min

Lab File: VX035374.D

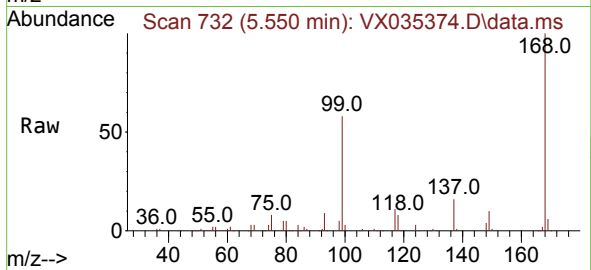
Acq: 28 Apr 2023 08:27

Instrument :

MSVOA_X

ClientSampleId :

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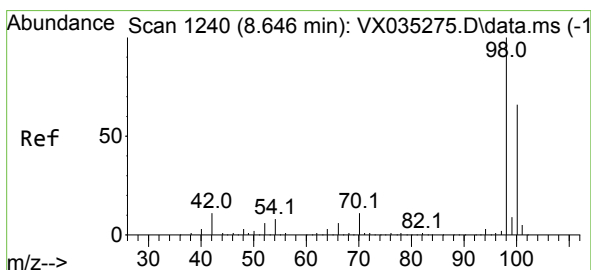
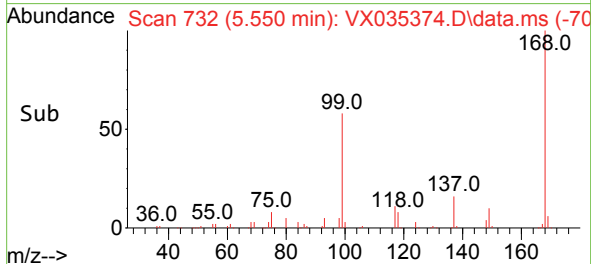
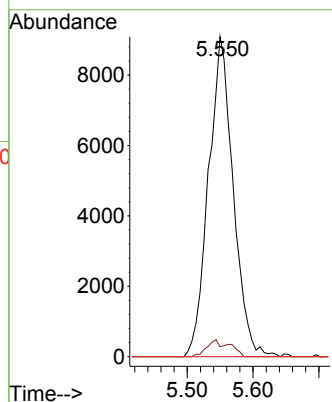
Tgt Ion:117 Resp: 23769

Ion Ratio Lower Upper

117 100

119 3.1 76.6 114.8#

121 0.0 23.8 35.6#



#50

Toluene-d8

Concen: 50.365 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035374.D

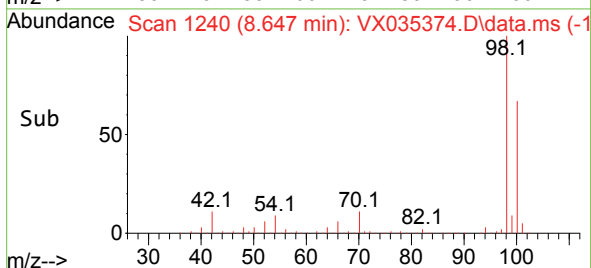
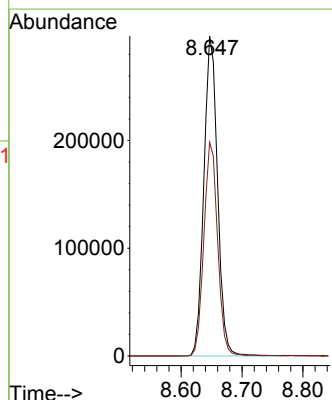
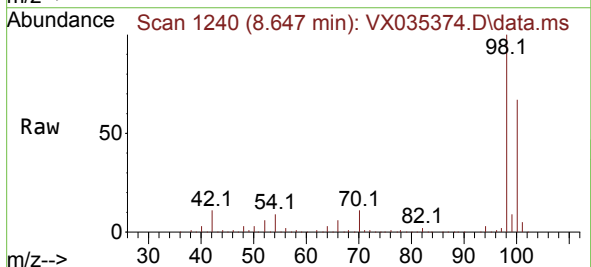
Acq: 28 Apr 2023 08:27

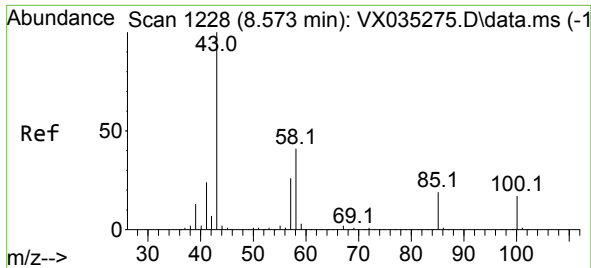
Tgt Ion: 98 Resp: 464082

Ion Ratio Lower Upper

98 100

100 67.2 52.5 78.7

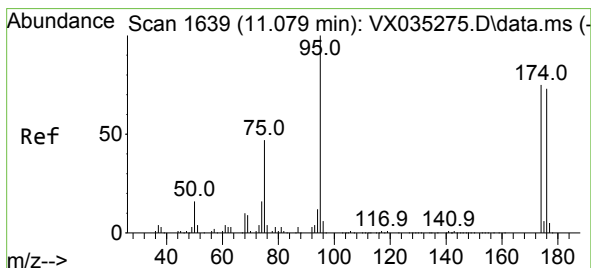
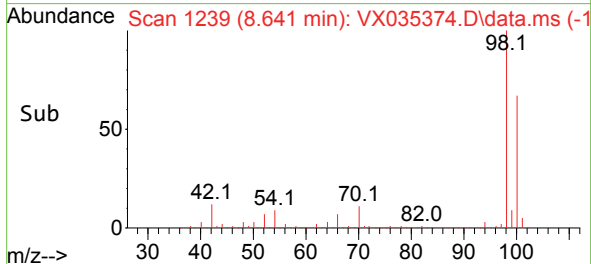
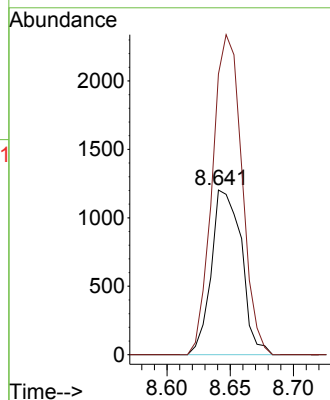
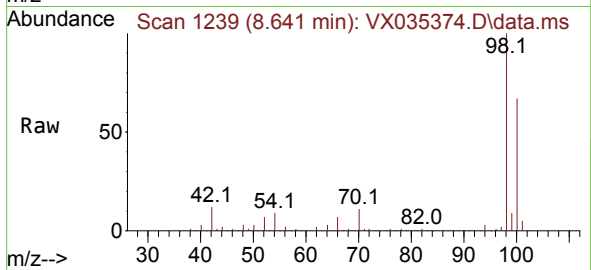




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.068 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

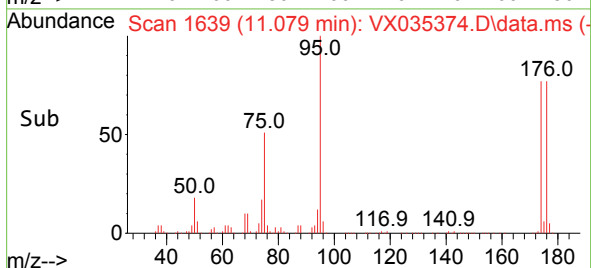
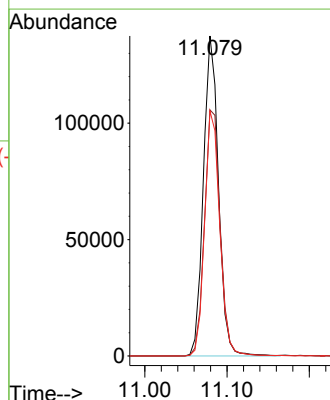
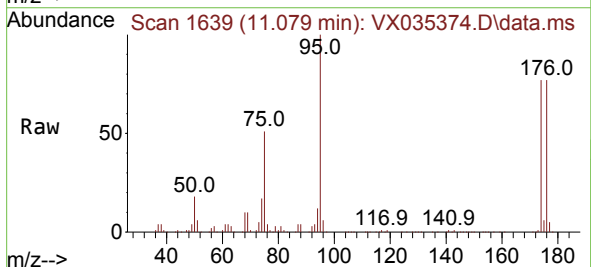
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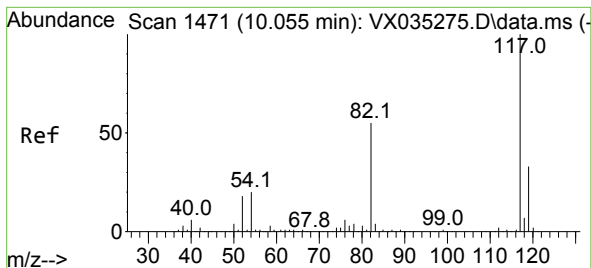
Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 190.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 50.803 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

Tgt Ion: 95 Resp: 176097
Ion Ratio Lower Upper
95 100
174 79.9 0.0 147.4
176 76.8 0.0 140.6

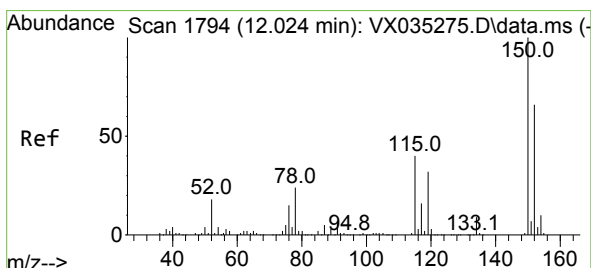
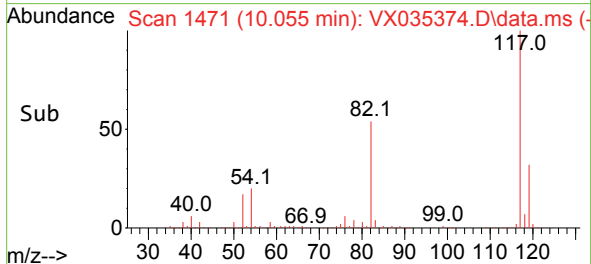
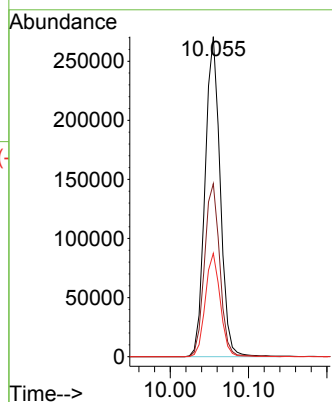
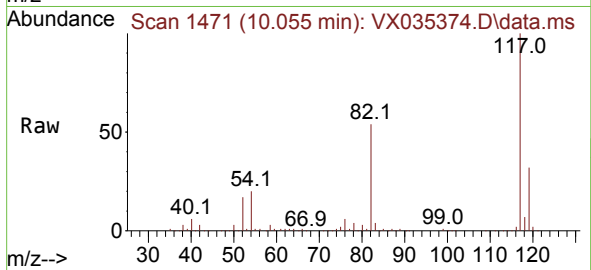




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

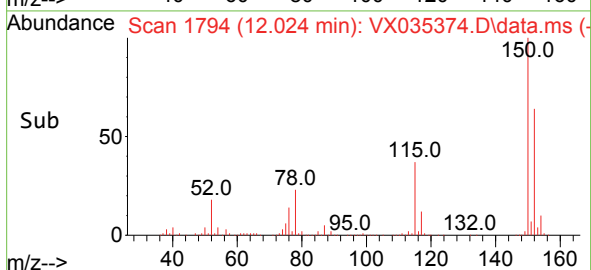
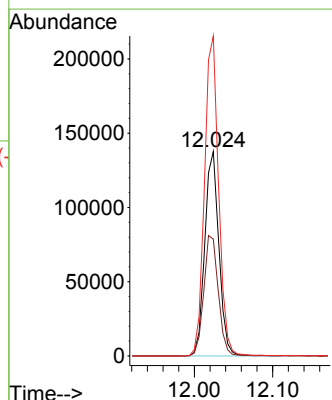
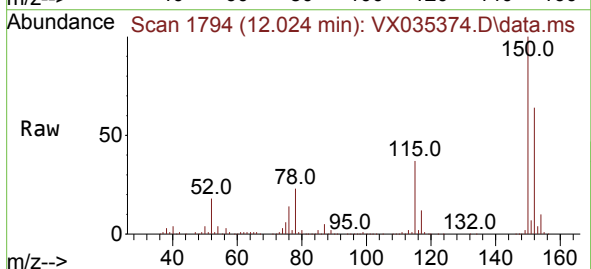
Instrument :
MSVOA_X
ClientSampleId :
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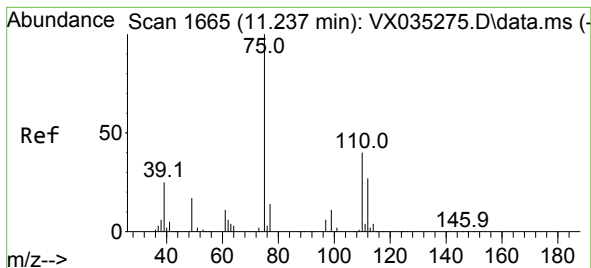
Tgt Ion:117 Resp: 362278
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035374.D
Acq: 28 Apr 2023 08:27

Tgt Ion:152 Resp: 172064
Ion Ratio Lower Upper
152 100
115 60.7 45.0 135.0
150 156.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.129 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035374.D

Acq: 28 Apr 2023 08:27

Instrument :

MSVOA_X

ClientSampleId :

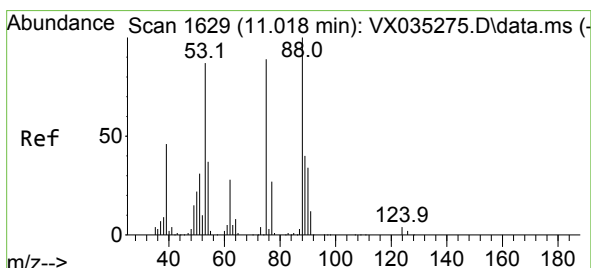
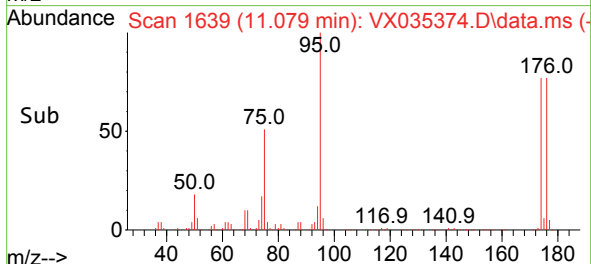
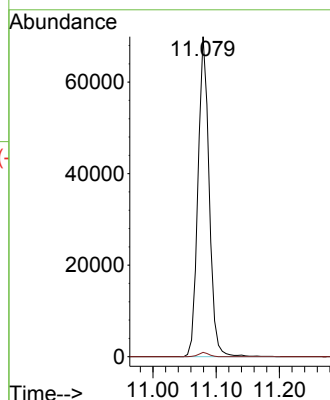
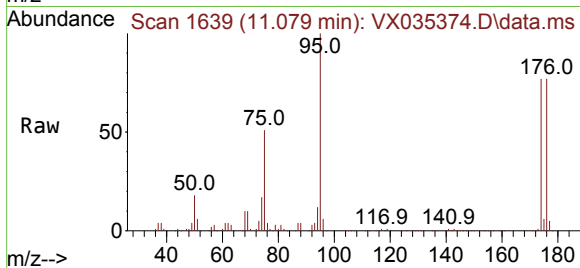
TRIP-BLANK

Tgt Ion: 75 Resp: 86250

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.388 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035374.D

Acq: 28 Apr 2023 08:27

Tgt Ion: 75 Resp: 86250

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

