

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034928.D
 Acq On : 03 Apr 2023 13:38
 Operator : JC/MD
 Sample : 02137-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Quant Time: Apr 03 21:36:24 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)

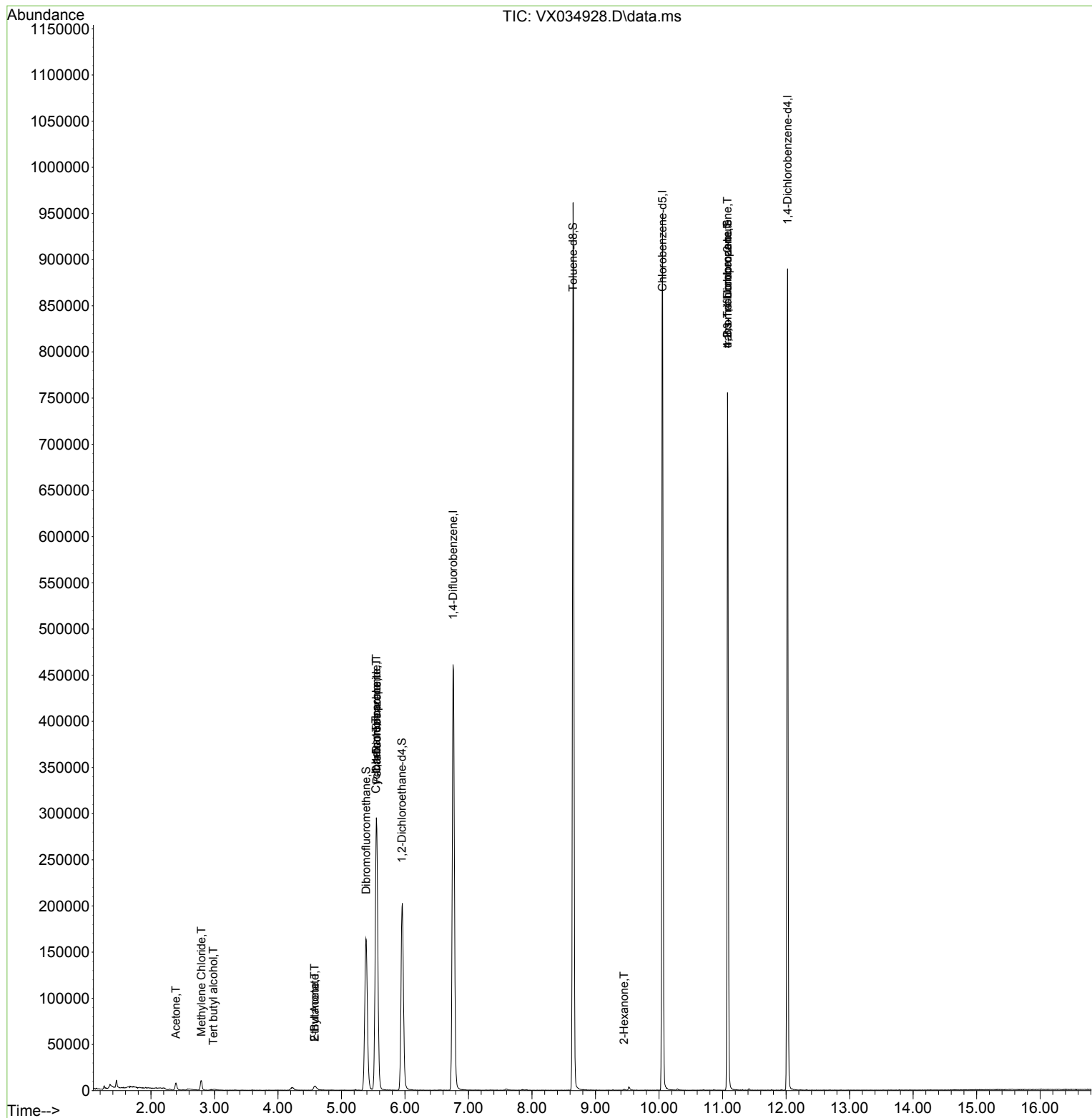
Internal Standards						
1) Pentafluorobenzene	5.556	168	266383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	454791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	203444	49.938	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.880%
35) Dibromofluoromethane	5.385	113	142888	47.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	8.647	98	553674	49.867	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	204110	47.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	563	0.788	ug/l #	72
16) Acetone	2.392	43	9939	6.006	ug/l	92
20) Methylene Chloride	2.794	84	4917	1.506	ug/l	96
25) 2-Butanone	4.574	43	10408	4.323	ug/l	97
31) Cyclohexane	5.544	56	6365	1.283	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	23019	5.165	ug/l #	51
37) Ethyl Acetate	4.574	43	10408	2.234	ug/l #	70
38) Carbon Tetrachloride	5.550	117	29694	7.067	ug/l #	16
59) 2-Hexanone	9.451	43	956	0.274	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	110326	30.967	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110326	92.807	ug/l #	8

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

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Quant Time: Apr 03 21:36:24 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

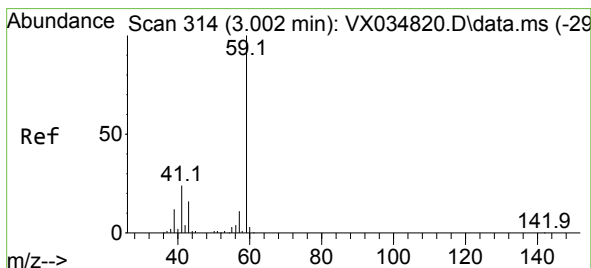
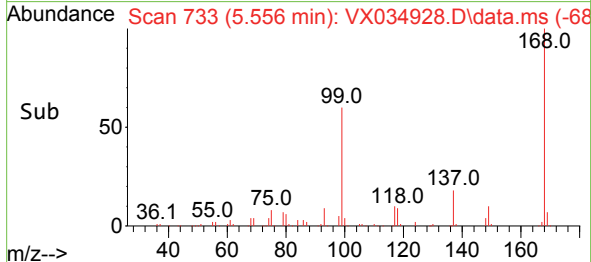
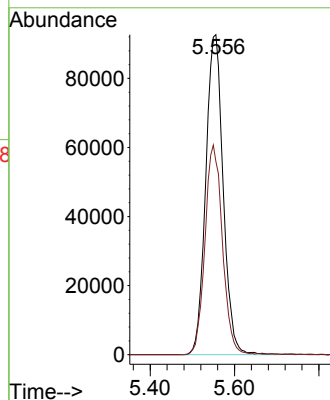
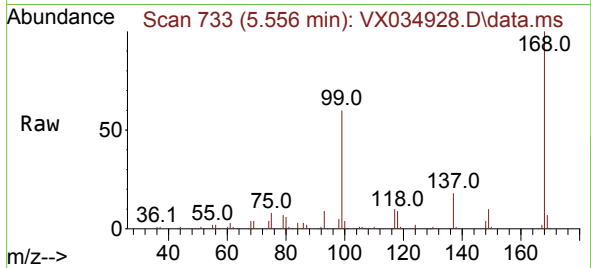




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

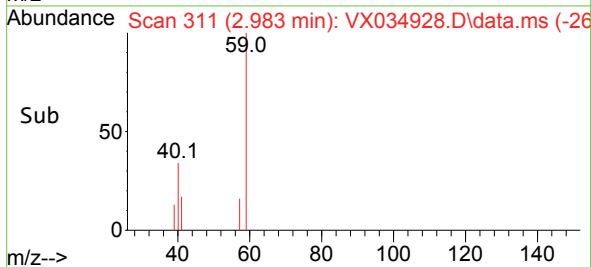
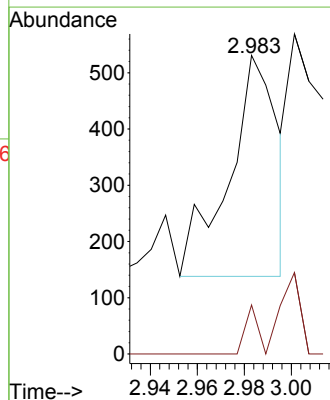
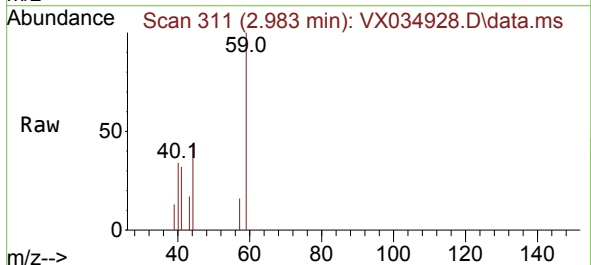
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

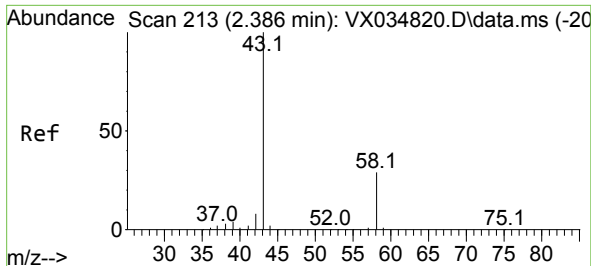
Tgt Ion:168 Resp: 266383
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.788 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.018 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

Tgt Ion: 59 Resp: 563
Ion Ratio Lower Upper
59 100
57 20.6 8.1 12.1#

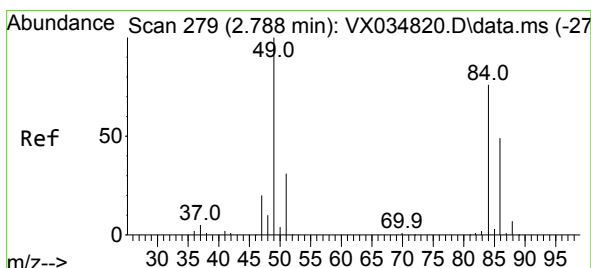
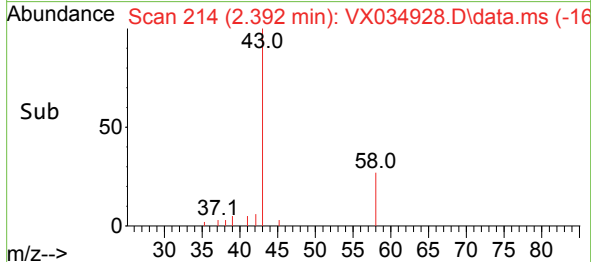
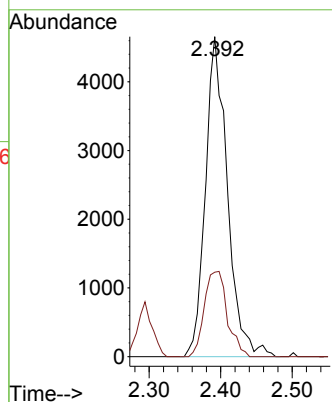
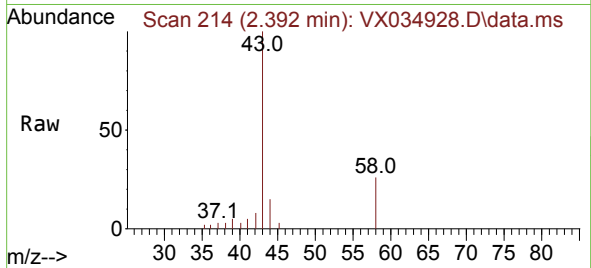




#16
Acetone
Concen: 6.006 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

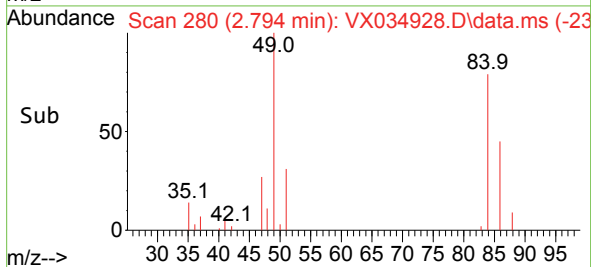
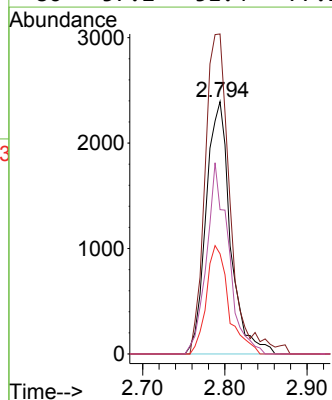
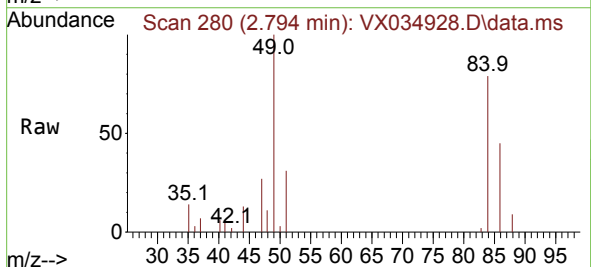
Instrument :
MSVOA_X
ClientSampleId :
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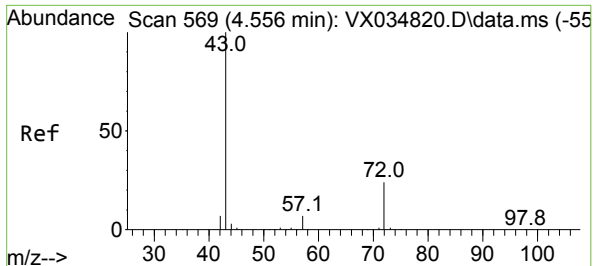
Tgt Ion: 43 Resp: 9939
Ion Ratio Lower Upper
43 100
58 26.4 24.7 37.1



#20
Methylene Chloride
Concen: 1.506 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

Tgt Ion: 84 Resp: 4917
Ion Ratio Lower Upper
84 100
49 126.8 103.8 155.8
51 39.7 31.8 47.8
86 57.2 51.4 77.2





#25

2-Butanone

Concen: 4.323 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX034928.D

Acq: 03 Apr 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

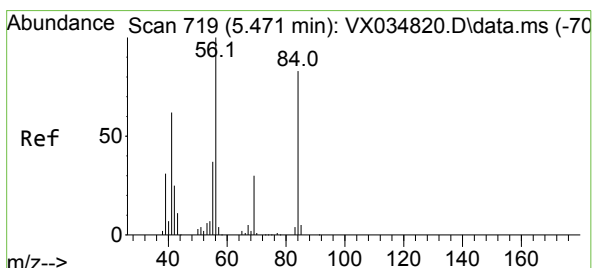
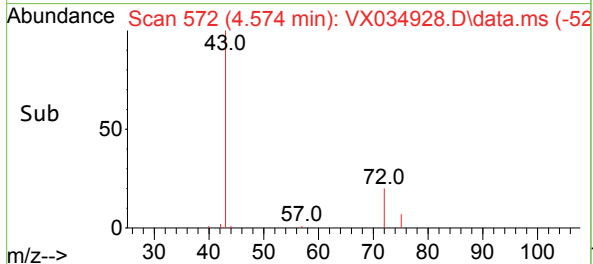
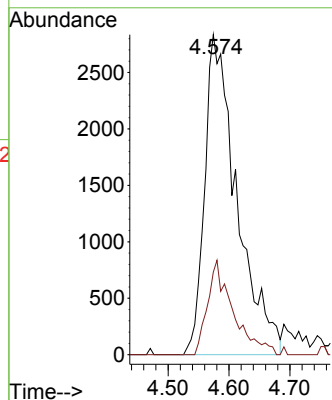
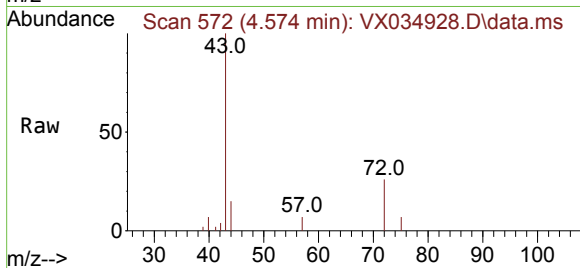
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Tgt Ion: 43 Resp: 10408

Ion Ratio Lower Upper

43 100

72 25.8 19.3 28.9



#31

Cyclohexane

Concen: 1.283 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX034928.D

Acq: 03 Apr 2023 13:38

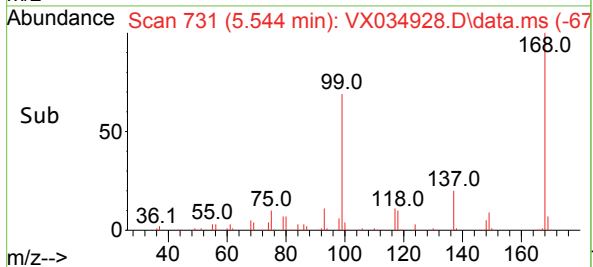
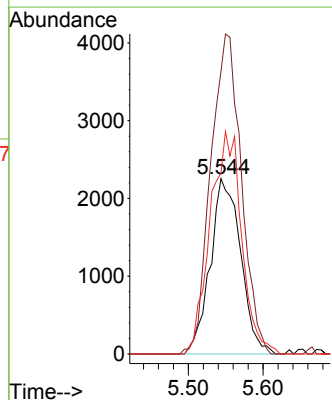
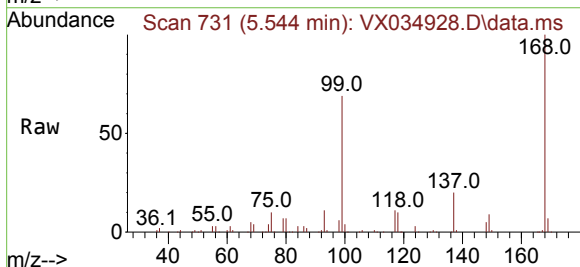
Tgt Ion: 56 Resp: 6365

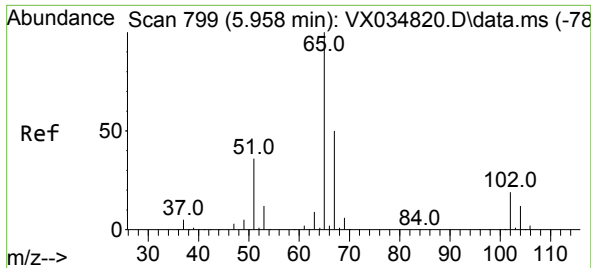
Ion Ratio Lower Upper

56 100

69 161.4 23.7 35.5#

84 103.4 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.938 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX034928.D

Acq: 03 Apr 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

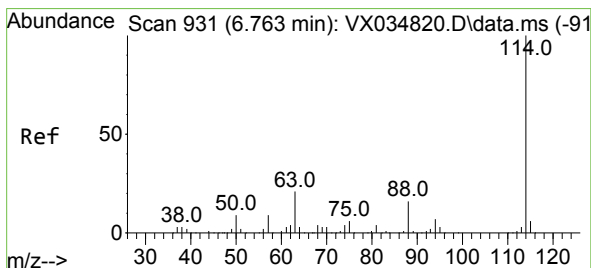
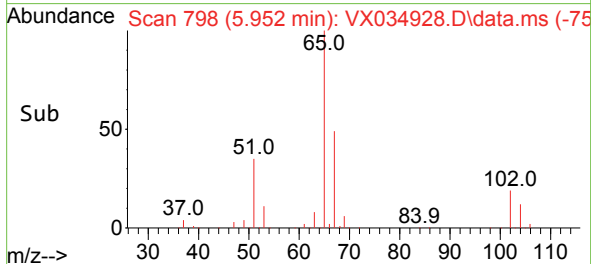
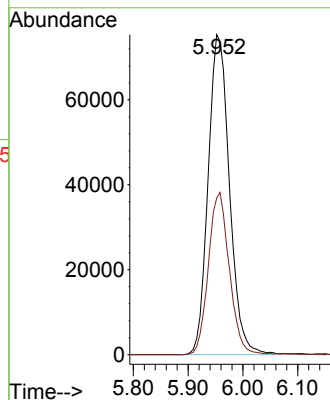
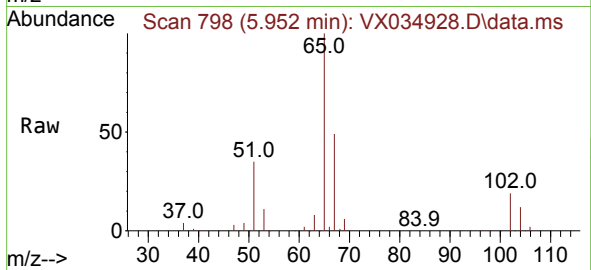
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Tgt Ion: 65 Resp: 203444

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034928.D

Acq: 03 Apr 2023 13:38

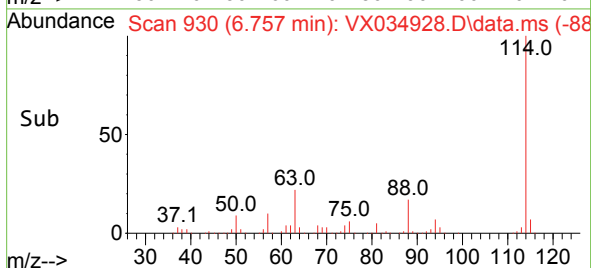
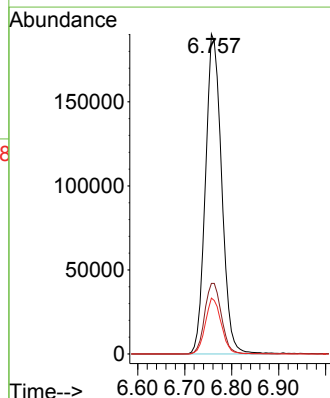
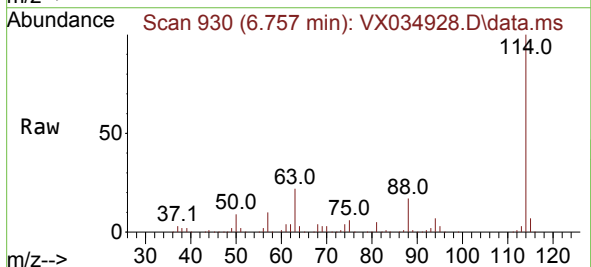
Tgt Ion: 114 Resp: 454791

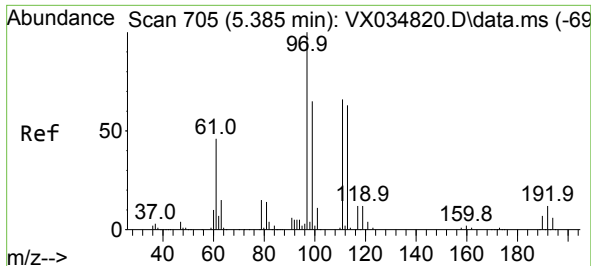
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 17.5 0.0 33.2

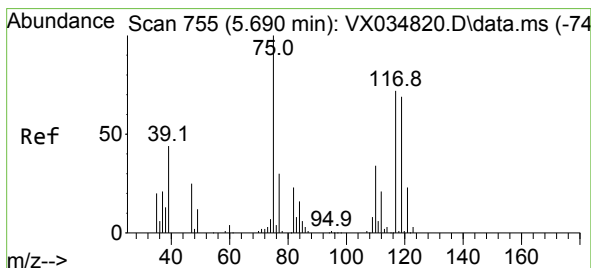
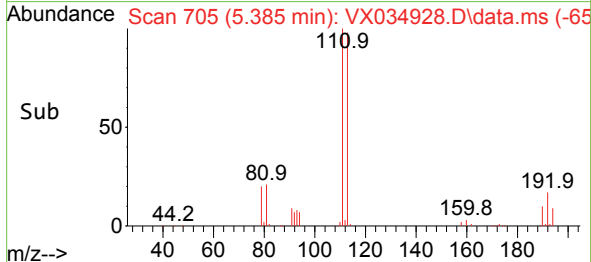
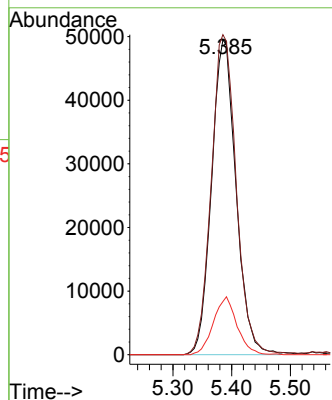
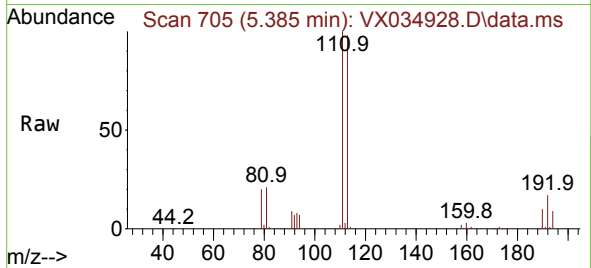




#35
Dibromofluoromethane
Concen: 47.501 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

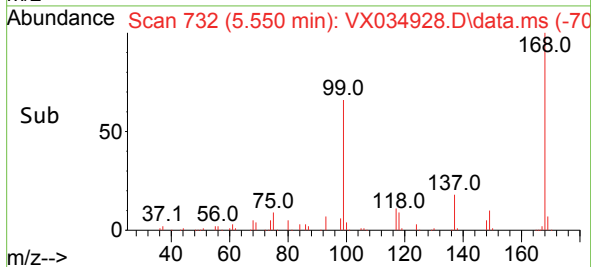
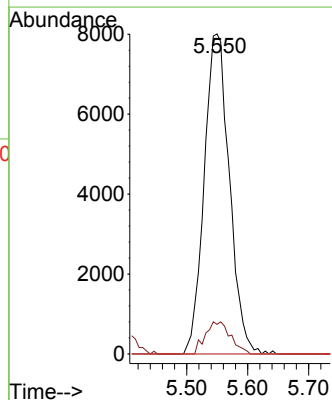
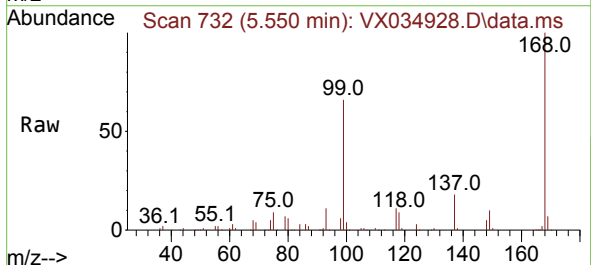
Instrument :
MSVOA_X
ClientSampleId :
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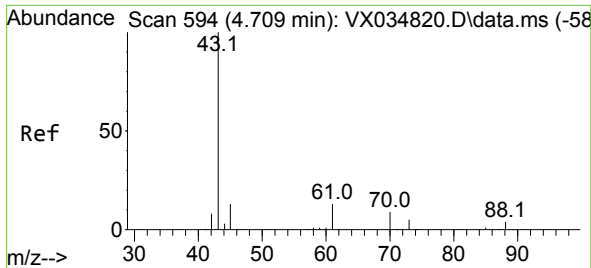
Tgt Ion:113 Resp: 142888
Ion Ratio Lower Upper
113 100
111 103.9 83.7 125.5
192 17.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

Tgt Ion: 75 Resp: 23019
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 2.234 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX034928.D

Acq: 03 Apr 2023 13:38

Instrument :

MSVOA_X

ClientSampleId :

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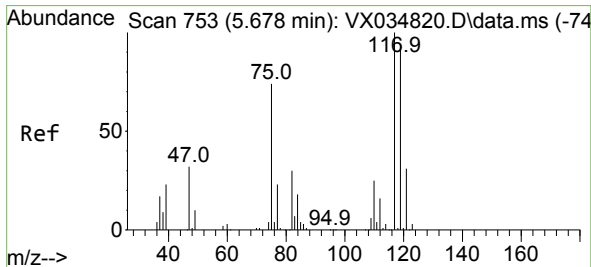
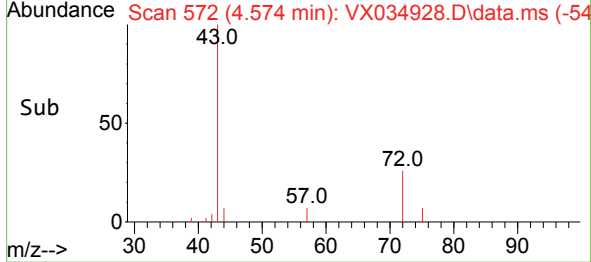
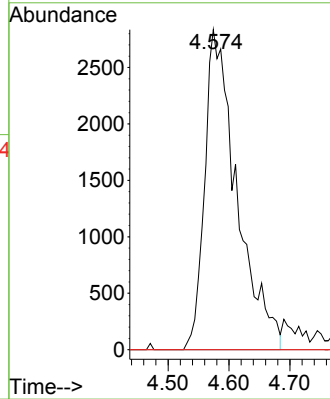
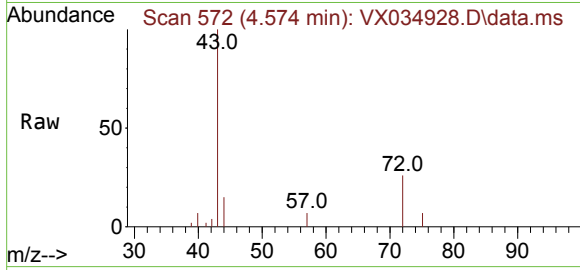
Tgt Ion: 43 Resp: 10408

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 7.067 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX034928.D

Acq: 03 Apr 2023 13:38

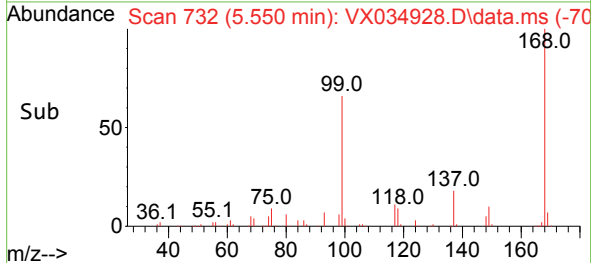
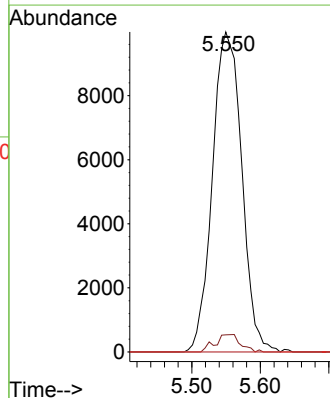
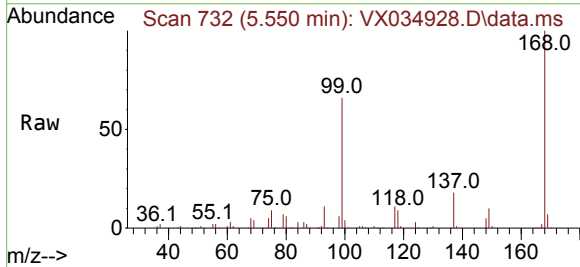
Tgt Ion: 117 Resp: 29694

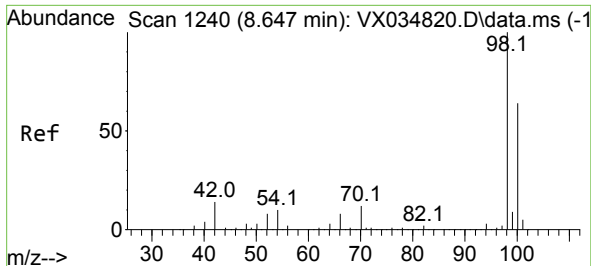
Ion Ratio Lower Upper

117 100

119 5.3 76.6 114.8#

121 0.0 23.8 35.6#

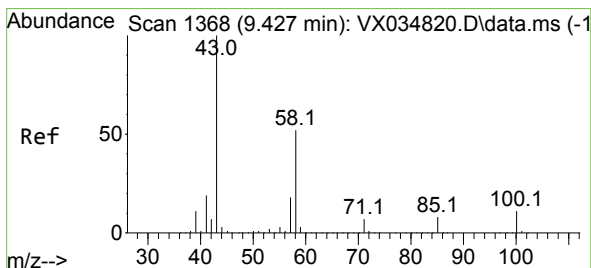
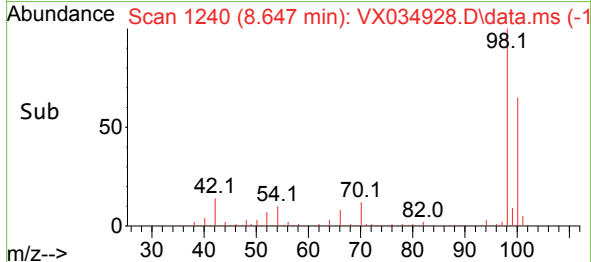
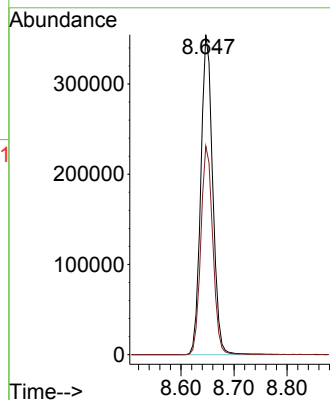
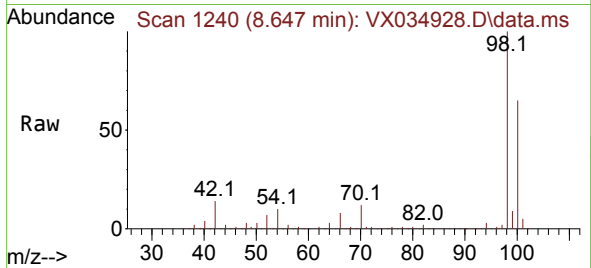




#50
Toluene-d8
Concen: 49.867 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

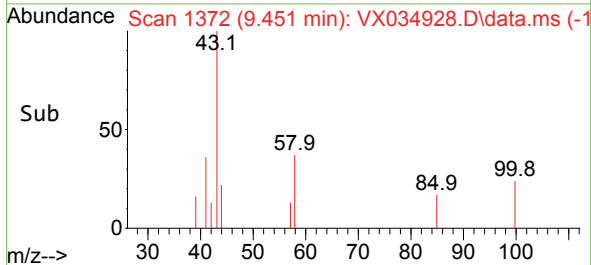
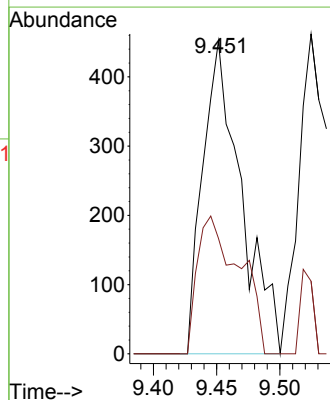
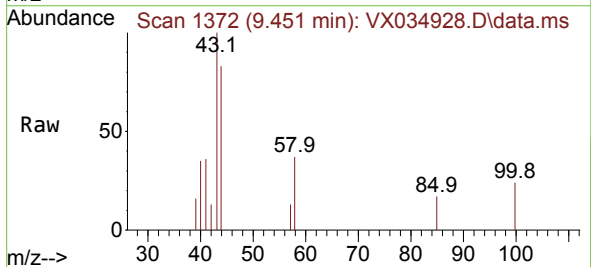
Instrument :
MSVOA_X
ClientSampleId :
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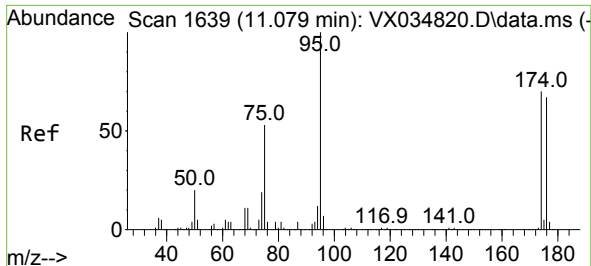
Tgt Ion: 98 Resp: 553674
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#59
2-Hexanone
Concen: 0.274 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.024 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 48.3 26.3 78.9

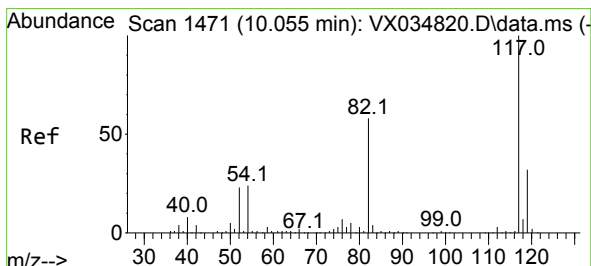
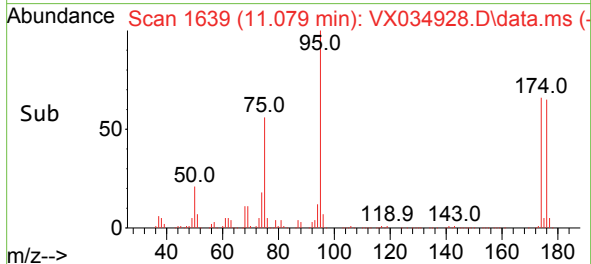
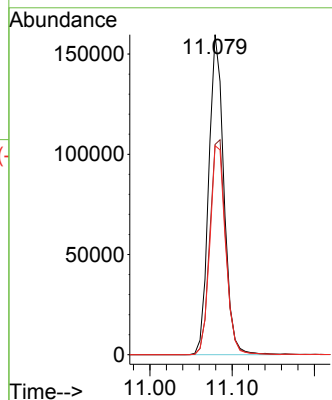
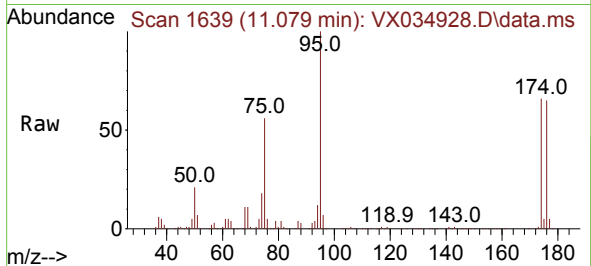




#62
4-Bromofluorobenzene
Concen: 47.505 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

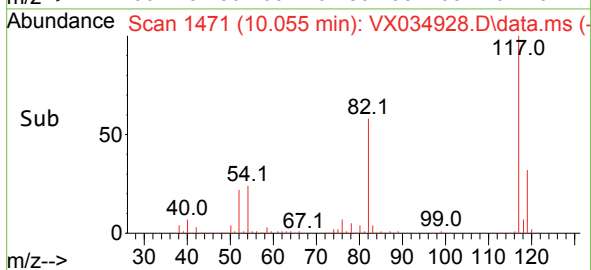
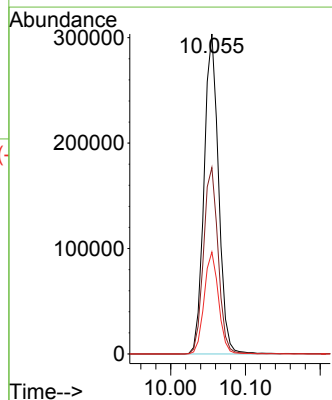
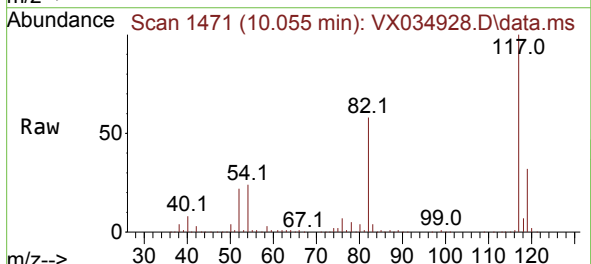
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ClientSampleId :
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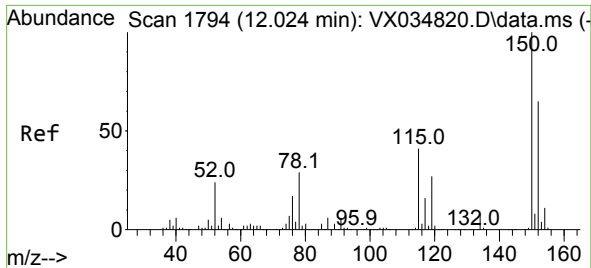
Tgt Ion: 95 Resp: 204110
Ion Ratio Lower Upper
95 100
174 70.6 0.0 147.4
176 67.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034928.D
Acq: 03 Apr 2023 13:38

Tgt Ion: 117 Resp: 408489
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 31.9 26.0 39.0

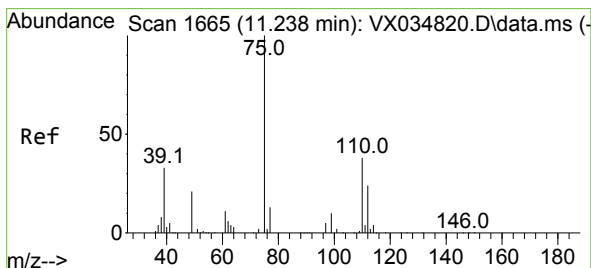
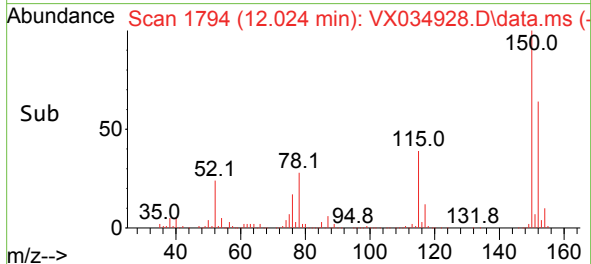
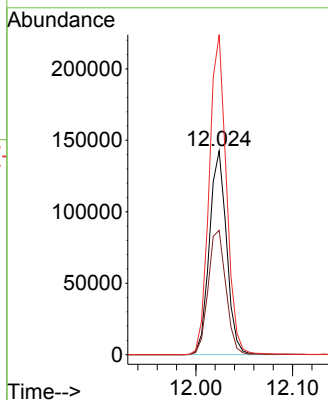
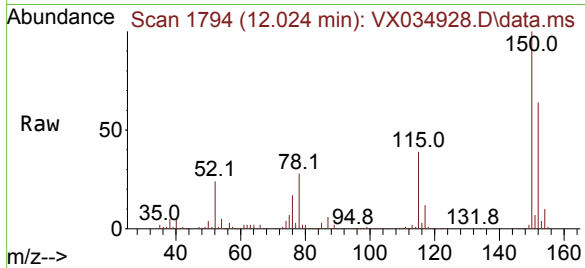




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034928.D
 Acq: 03 Apr 2023 13:38

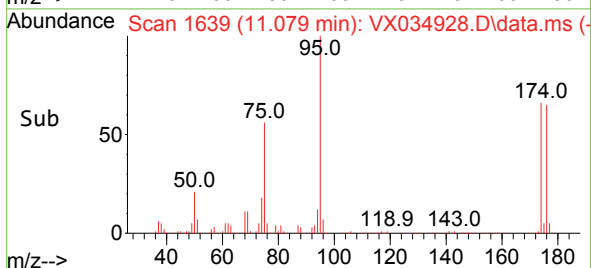
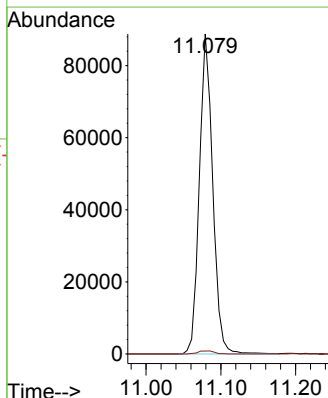
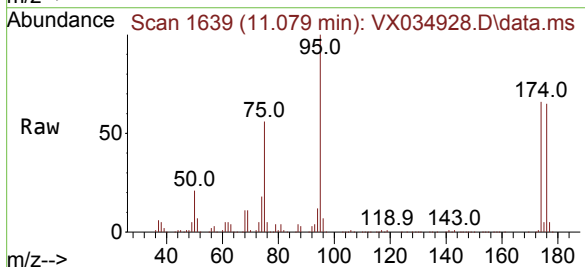
Instrument :
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 ClientSampleId :
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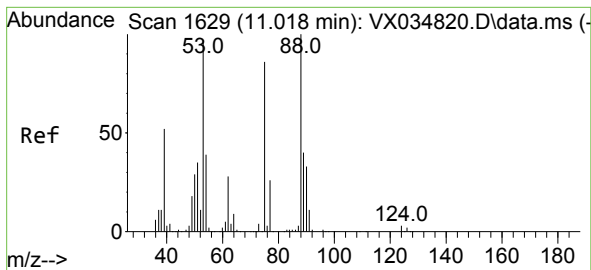
Tgt Ion:152 Resp: 176813
 Ion Ratio Lower Upper
 152 100
 115 63.3 45.0 135.0
 150 157.4 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 30.967 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034928.D
 Acq: 03 Apr 2023 13:38

Tgt Ion: 75 Resp: 110326
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.807 ug/l
 RT: 11.079 min Scan# 110326
 Delta R.T. 0.061 min
 Lab File: VX034928.D
 Acq: 03 Apr 2023 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 110326
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

