

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034907.D
 Acq On : 01 Apr 2023 06:56
 Operator : JC/MD
 Sample : 02137-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Apr 03 02:10:50 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)

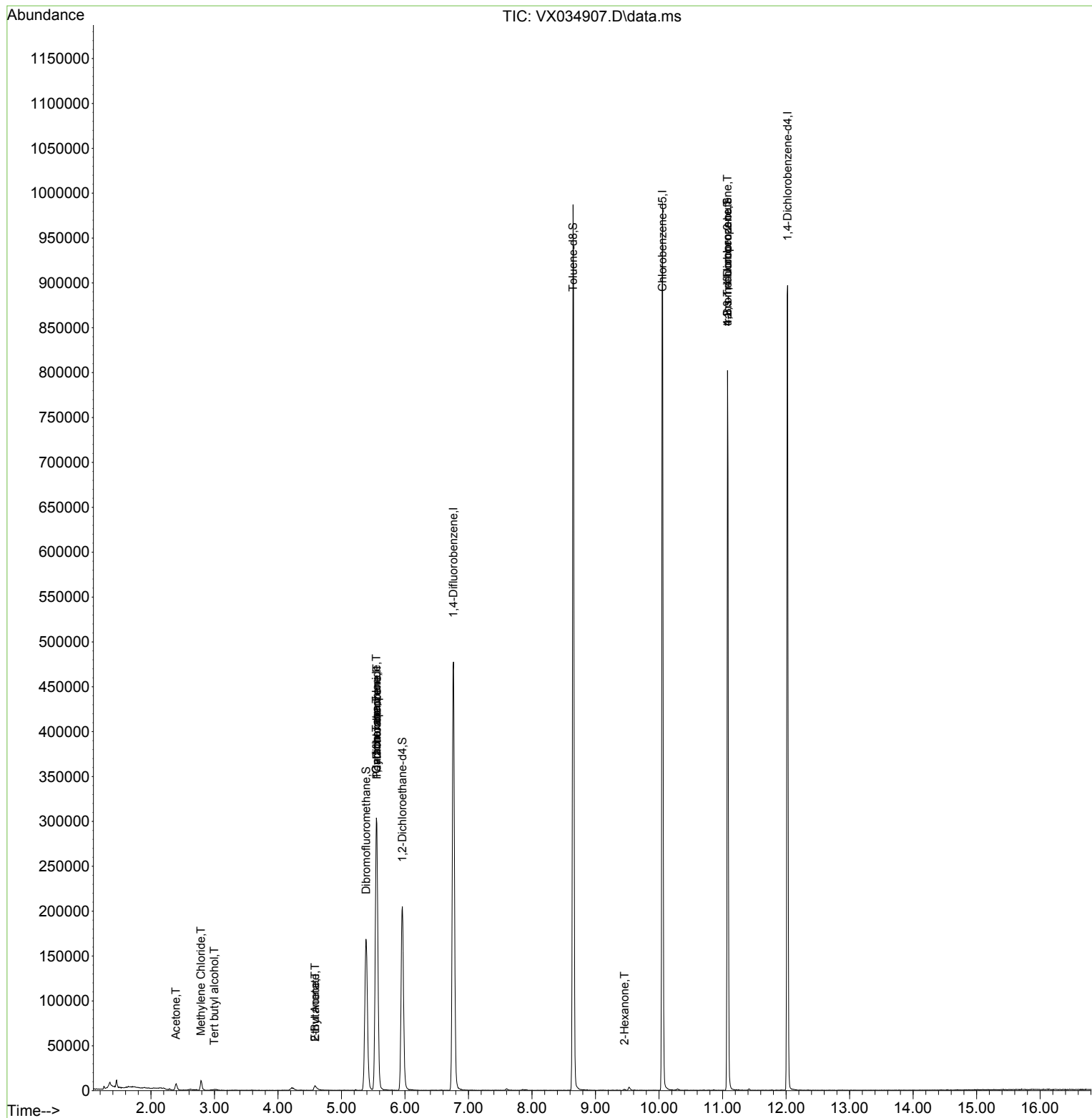
Internal Standards						
1) Pentafluorobenzene	5.556	168	272478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210143	50.428	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.860%	
35) Dibromofluoromethane	5.385	113	147522	47.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.040%	
50) Toluene-d8	8.647	98	559568	48.833	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.660%	
62) 4-Bromofluorobenzene	11.079	95	211801	47.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	1127	1.541	ug/l #	92
16) Acetone	2.392	43	9567	5.651	ug/l	89
20) Methylene Chloride	2.788	84	4943	1.480	ug/l	94
25) 2-Butanone	4.586	43	10470	4.252	ug/l	94
31) Cyclohexane	5.550	56	6879	1.356	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	23377	5.083	ug/l #	51
37) Ethyl Acetate	4.586	43	10470	2.177	ug/l #	70
38) Carbon Tetrachloride	5.550	117	29806	6.874	ug/l #	15
59) 2-Hexanone	9.457	43	931	0.258	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	115604	31.352	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	115604	93.961	ug/l #	8

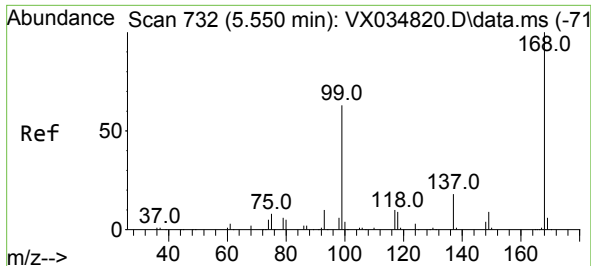
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Apr 03 02:10:50 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

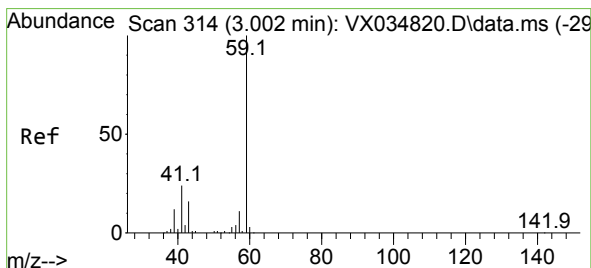
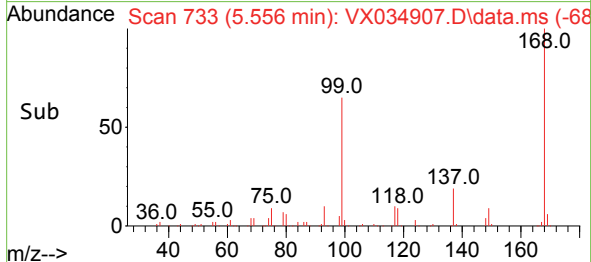
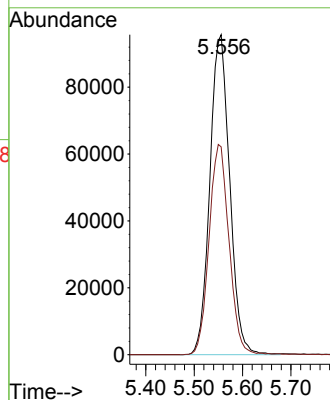
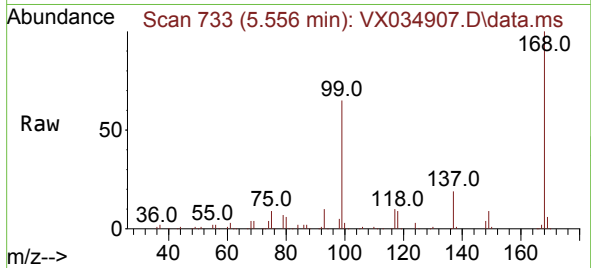




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

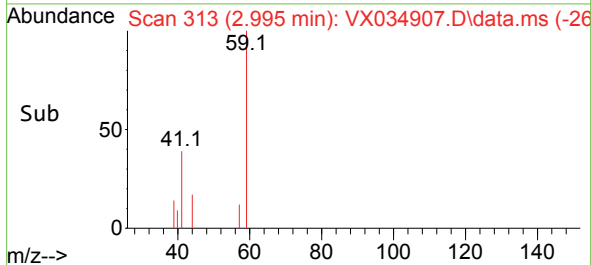
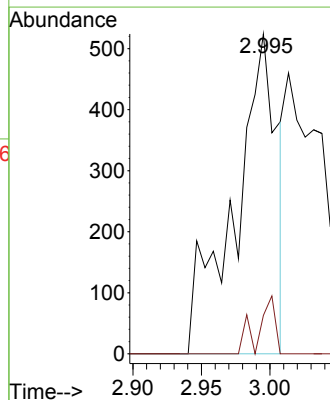
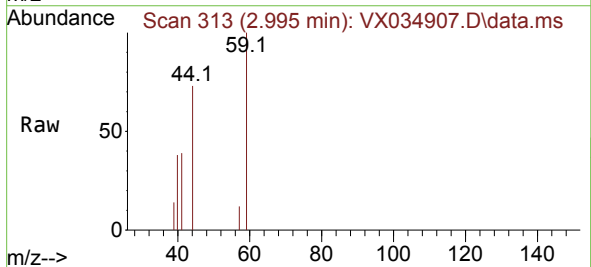
Instrument :
MSVOA_X
ClientSampleId :
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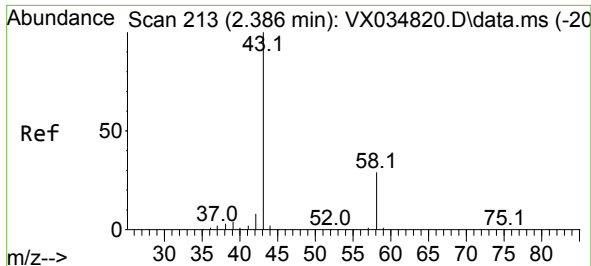
Tgt Ion:168 Resp: 272478
Ion Ratio Lower Upper
168 100
99 65.0 45.7 68.5



#11
Tert butyl alcohol
Concen: 1.541 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

Tgt Ion: 59 Resp: 1127
Ion Ratio Lower Upper
59 100
57 7.2 8.1 12.1#

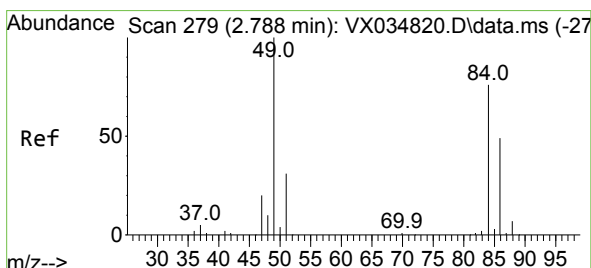
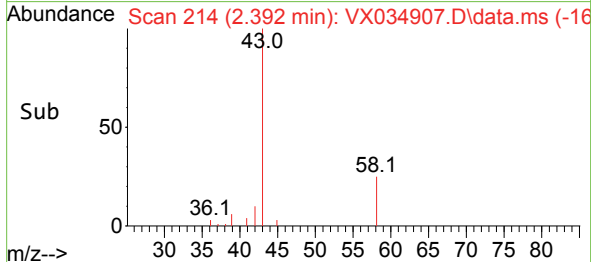
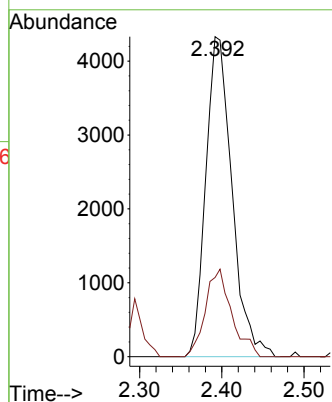
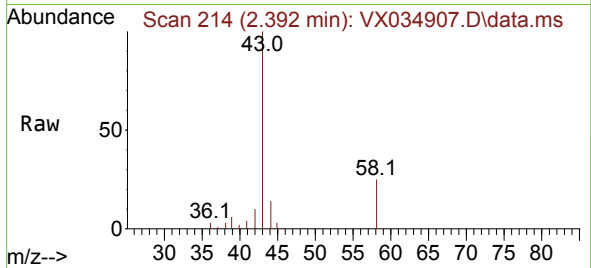




#16
Acetone
Concen: 5.651 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

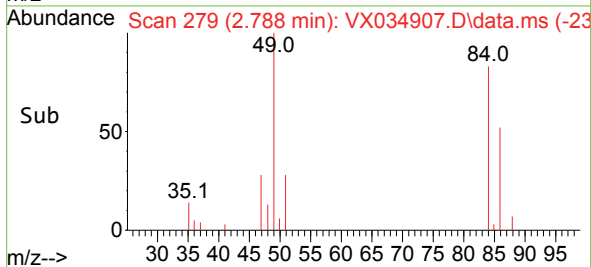
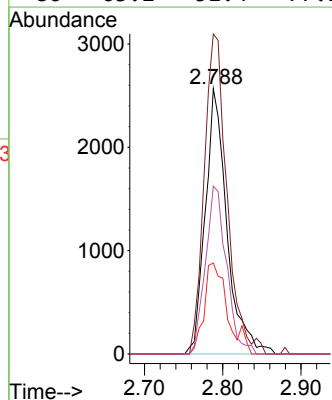
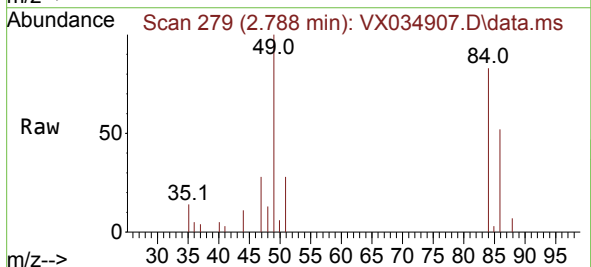
Instrument :
MSVOA_X
ClientSampleId :
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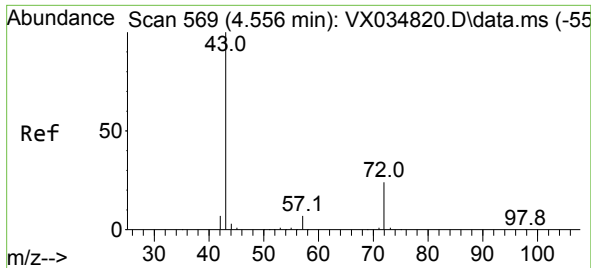
Tgt Ion: 43 Resp: 9567
Ion Ratio Lower Upper
43 100
58 24.8 24.7 37.1



#20
Methylene Chloride
Concen: 1.480 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

Tgt Ion: 84 Resp: 4943
Ion Ratio Lower Upper
84 100
49 120.6 103.8 155.8
51 34.3 31.8 47.8
86 63.2 51.4 77.2

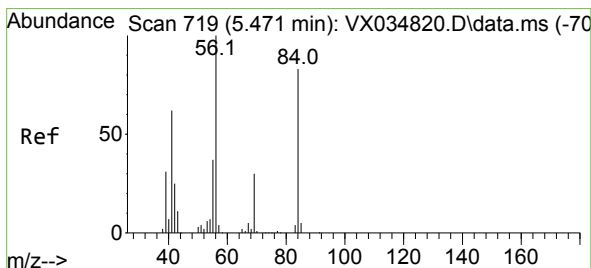
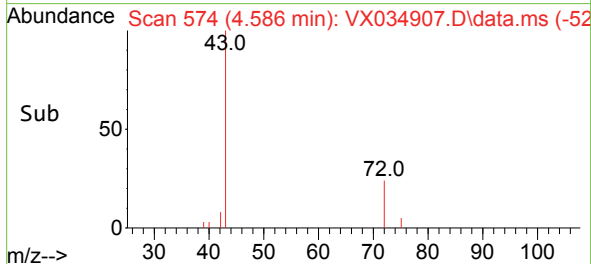
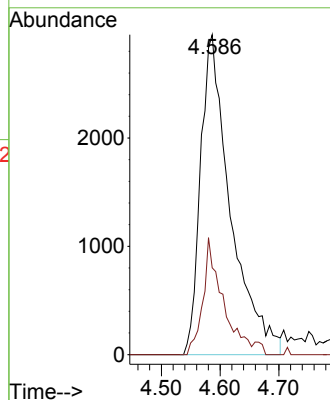
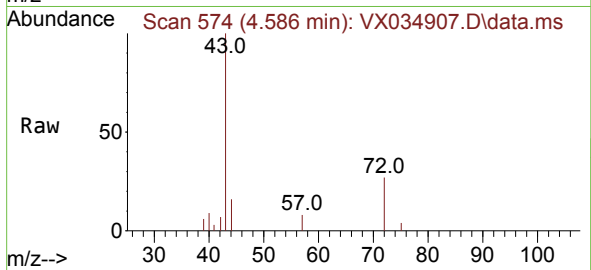




#25
2-Butanone
Concen: 4.252 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

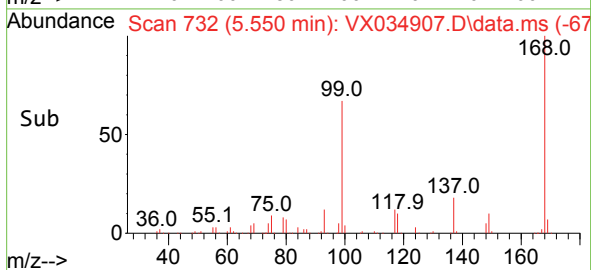
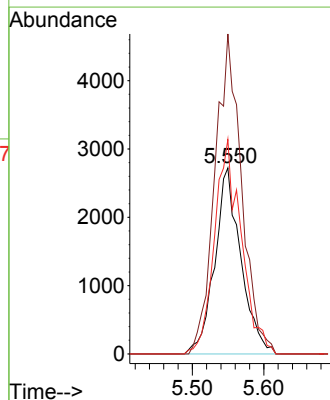
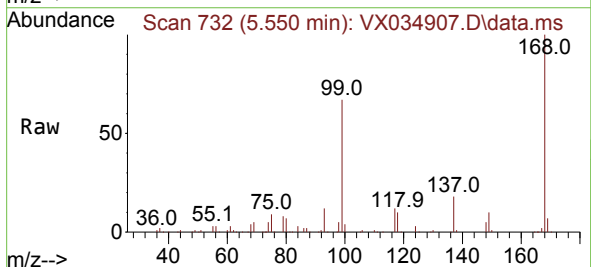
Instrument :
MSVOA_X
ClientSampleId :
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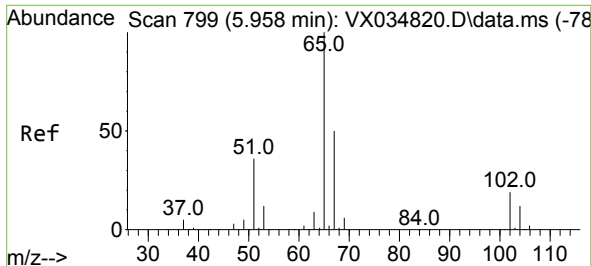
Tgt Ion: 43 Resp: 10470
Ion Ratio Lower Upper
43 100
72 27.1 19.3 28.9



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

Tgt Ion: 56 Resp: 6879
Ion Ratio Lower Upper
56 100
69 172.0 23.7 35.5#
84 115.3 68.5 102.7#

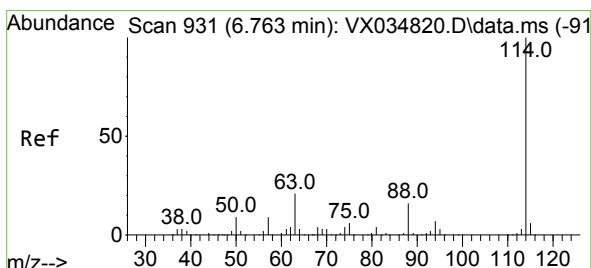
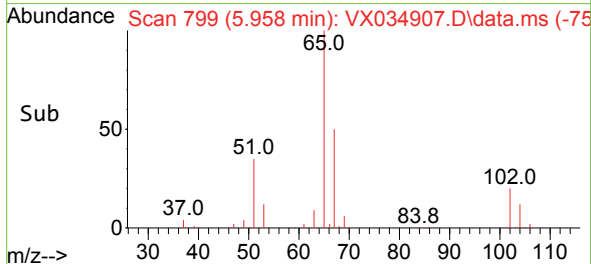
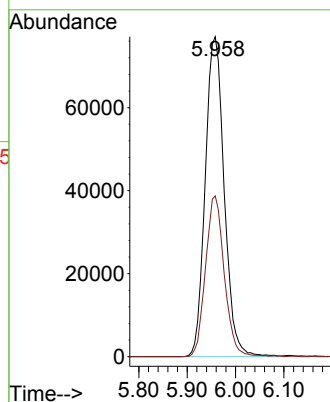
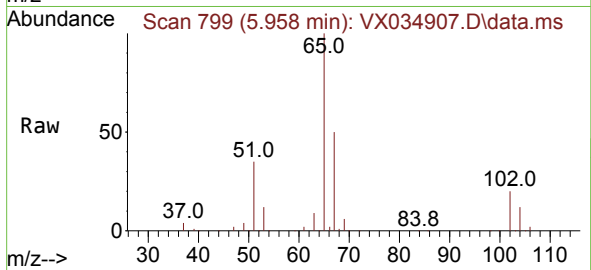




#33
 1,2-Dichloroethane-d4
 Concen: 50.428 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034907.D
 Acq: 01 Apr 2023 06:56

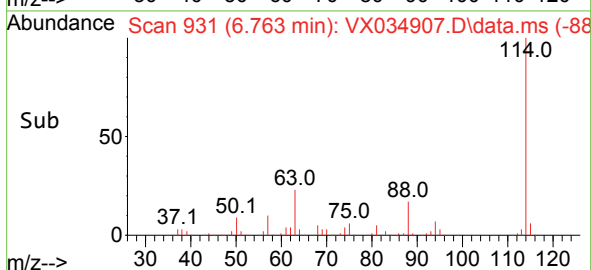
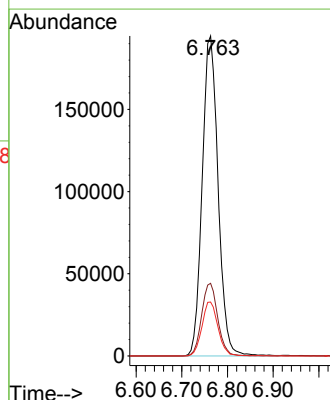
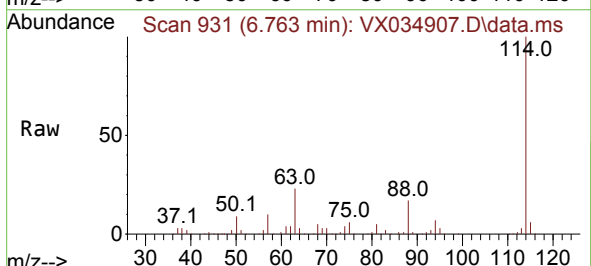
Instrument :
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 ClientSampleId :
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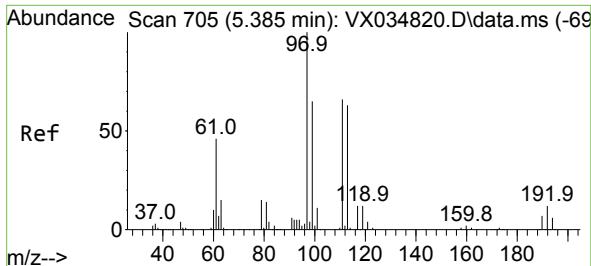
Tgt Ion: 65 Resp: 210143
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034907.D
 Acq: 01 Apr 2023 06:56

Tgt Ion: 114 Resp: 469367
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 42.2
 88 16.8 0.0 33.2

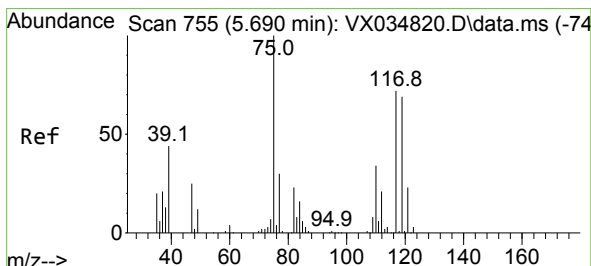
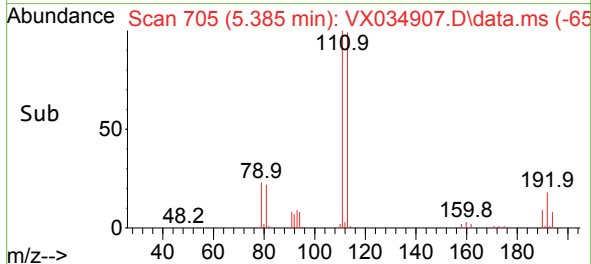
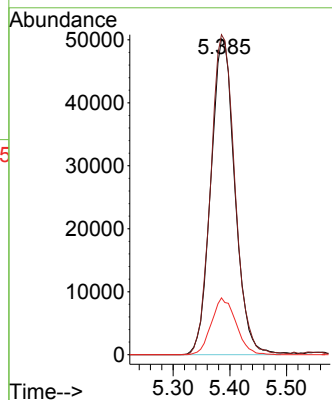
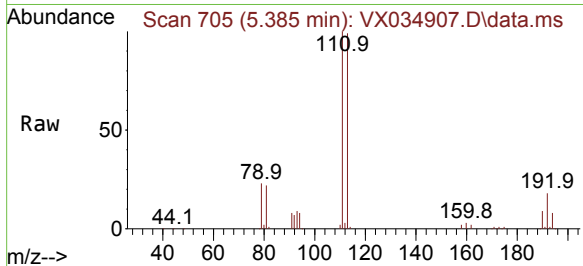




#35
Dibromofluoromethane
Concen: 47.519 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

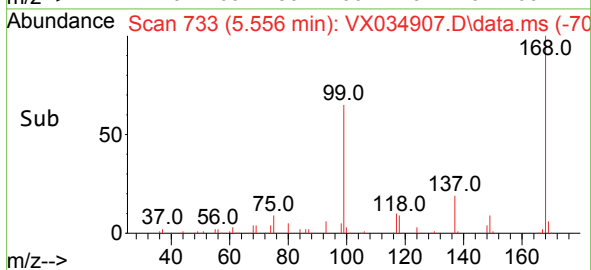
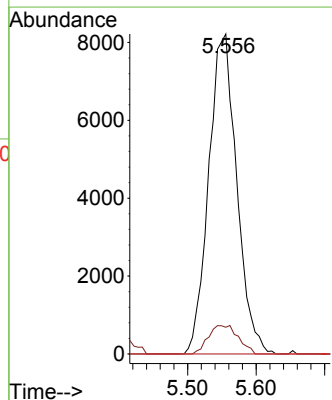
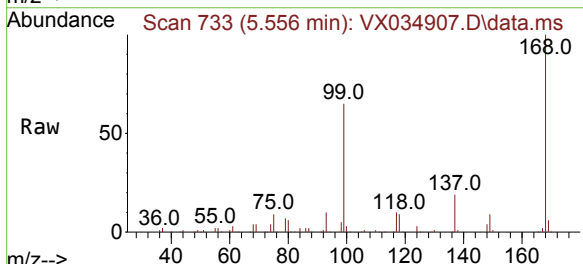
Instrument :
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ClientSampleId :
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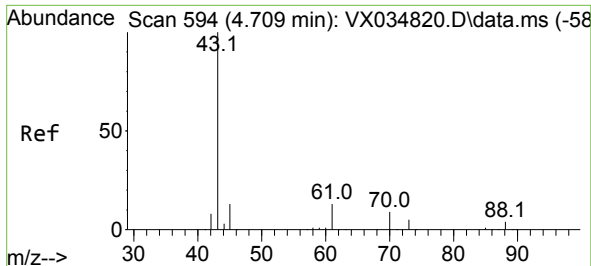
Tgt Ion:113 Resp: 147522
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

Tgt Ion: 75 Resp: 23377
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 2.177 ug/l

RT: 4.586 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX034907.D

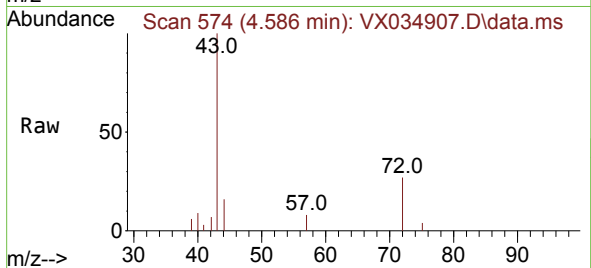
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Instrument :

MSVOA_X

ClientSampleId :

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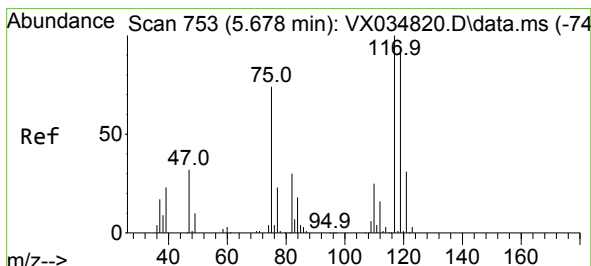
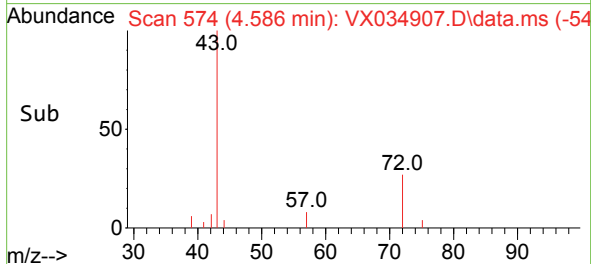
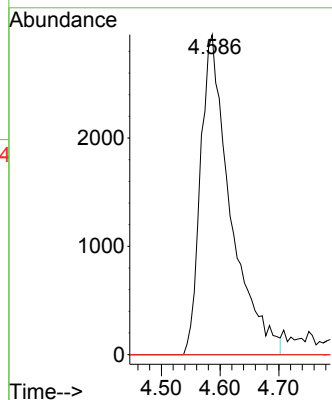
Tgt Ion: 43 Resp: 10470

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.874 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX034907.D

Acq: 01 Apr 2023 06:56

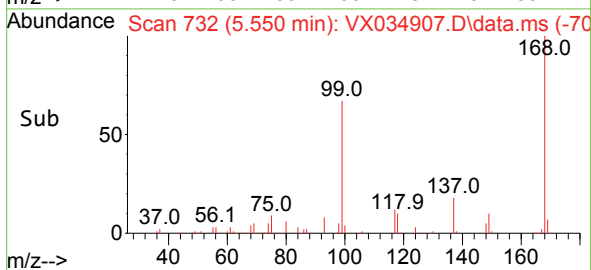
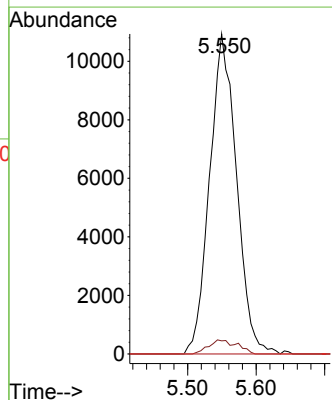
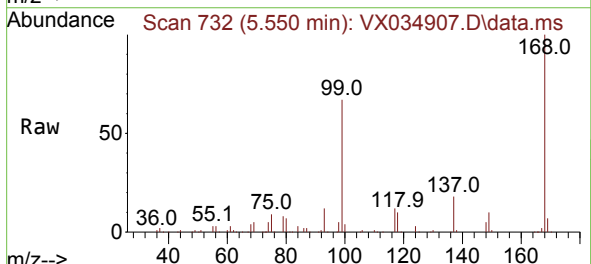
Tgt Ion: 117 Resp: 29806

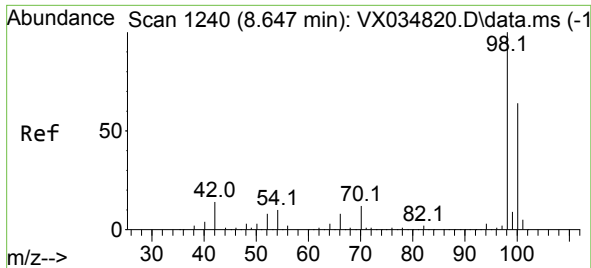
Ion Ratio Lower Upper

117 100

119 4.1 76.6 114.8#

121 0.0 23.8 35.6#

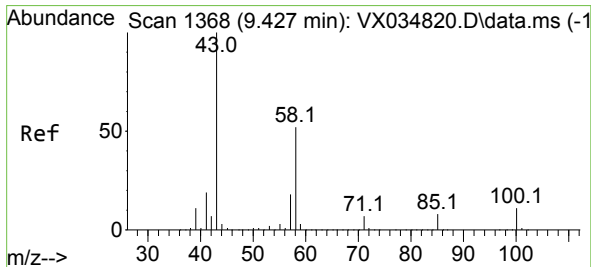
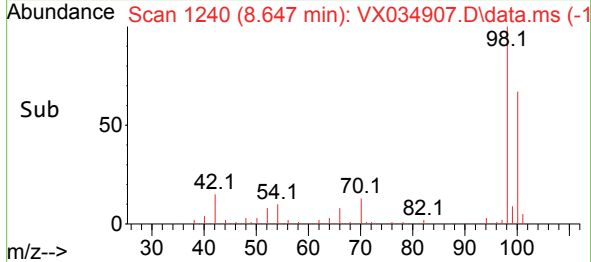
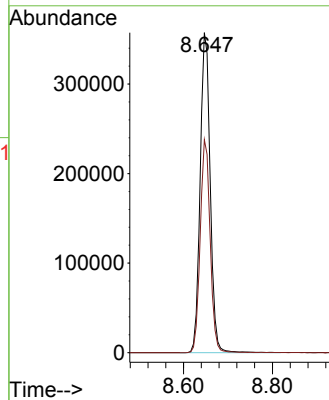
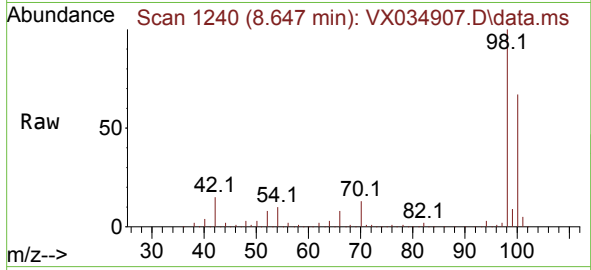




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

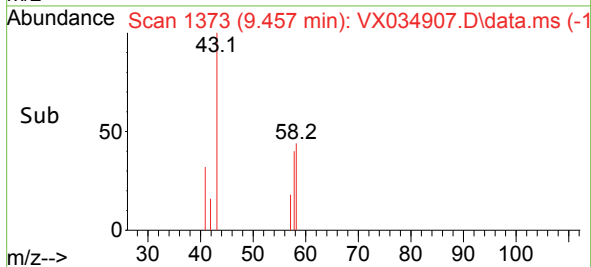
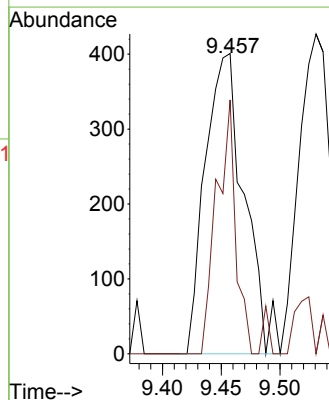
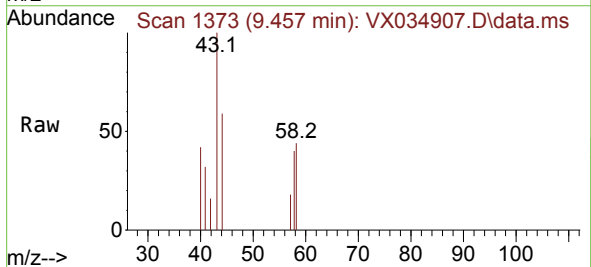
Instrument :
MSVOA_X
ClientSampleId :
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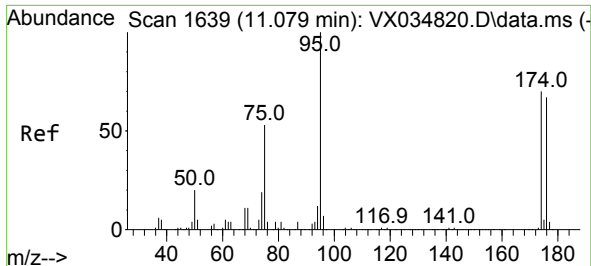
Tgt Ion: 98 Resp: 559568
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#59
2-Hexanone
Concen: 0.258 ug/l
RT: 9.457 min Scan# 1373
Delta R.T. 0.030 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 41.0 26.3 78.9

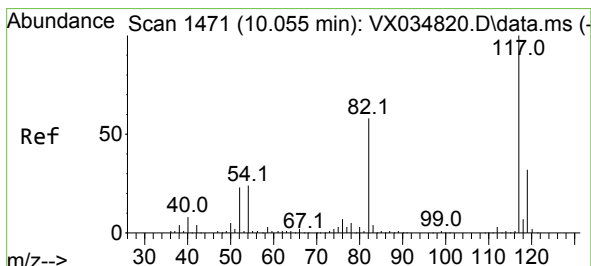
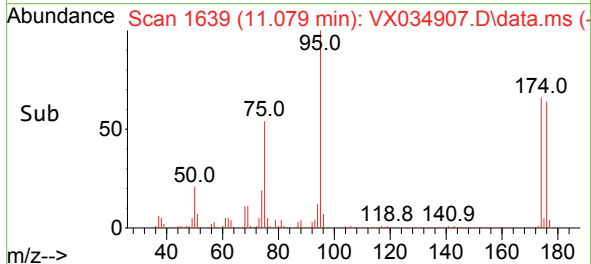
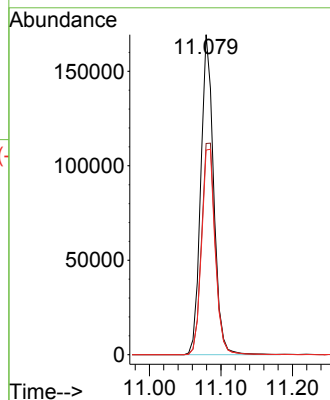
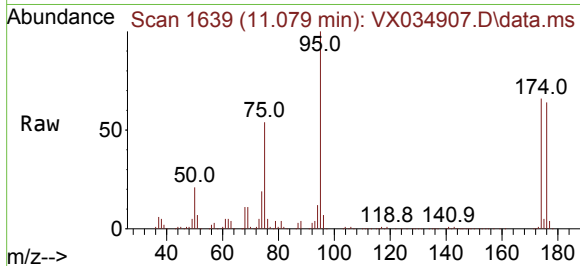




#62
4-Bromofluorobenzene
Concen: 47.764 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

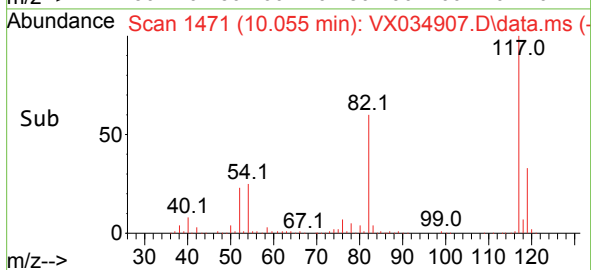
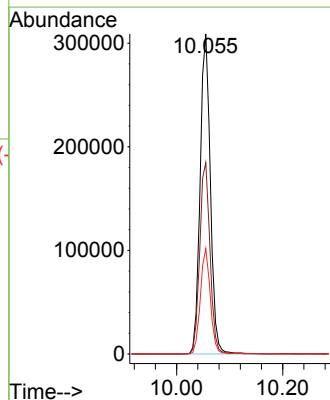
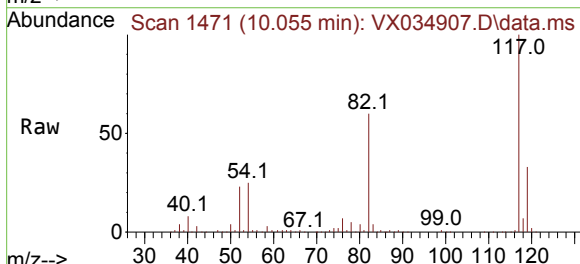
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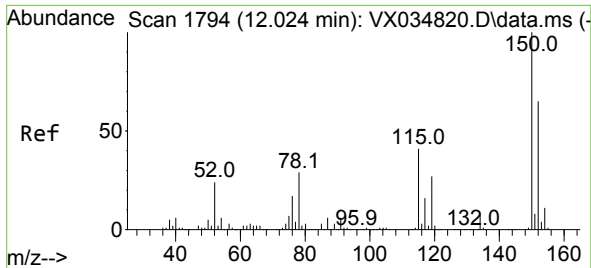
Tgt Ion: 95 Resp: 211801
Ion Ratio Lower Upper
95 100
174 70.7 0.0 147.4
176 68.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034907.D
Acq: 01 Apr 2023 06:56

Tgt Ion: 117 Resp: 415185
Ion Ratio Lower Upper
117 100
82 59.8 45.0 67.4
119 32.9 26.0 39.0

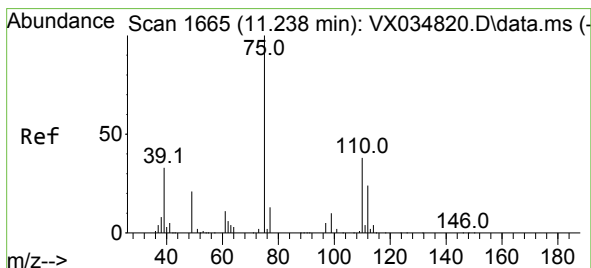
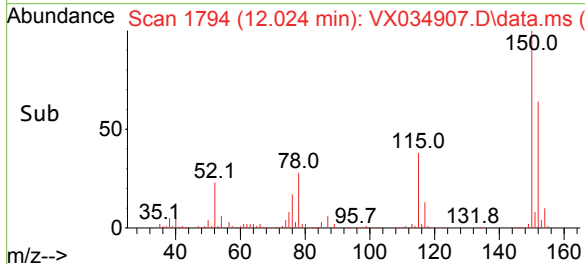
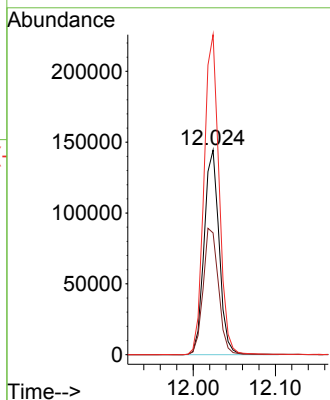
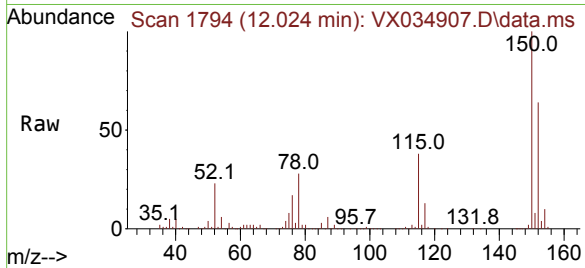




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034907.D
 Acq: 01 Apr 2023 06:56

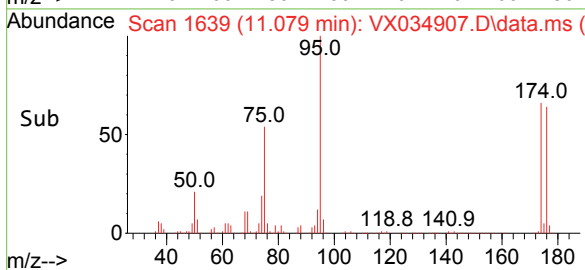
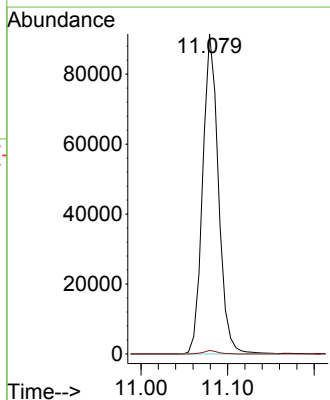
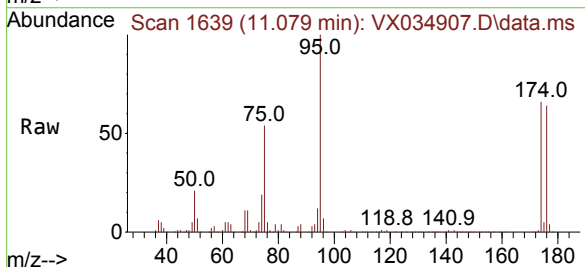
Instrument :
 MSVOA_X
 ClientSampleId :
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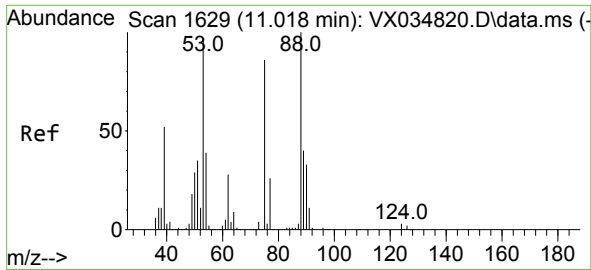
Tgt Ion:152 Resp: 182997
 Ion Ratio Lower Upper
 152 100
 115 63.1 45.0 135.0
 150 157.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 31.352 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034907.D
 Acq: 01 Apr 2023 06:56

Tgt Ion: 75 Resp: 115604
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.961 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034907.D
 Acq: 01 Apr 2023 06:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 115604
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

