

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034431.D
 Acq On : 13 Mar 2023 14:37
 Operator : JC/MD
 Sample : 01879-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230308

Quant Time: Mar 14 02:25:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

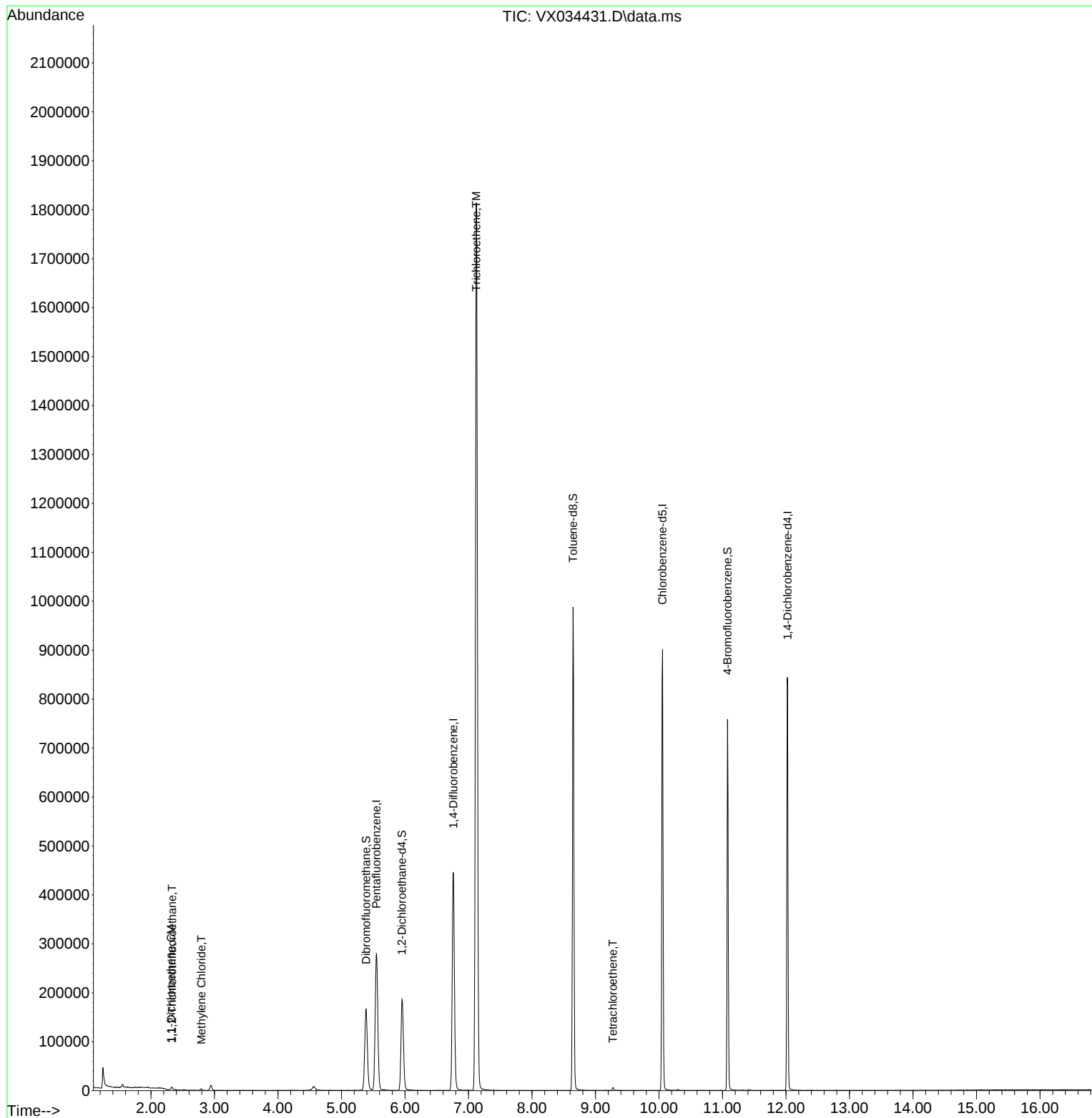
Internal Standards						
1) Pentafluorobenzene	5.550	168	270930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177378	45.003	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.000%
35) Dibromofluoromethane	5.385	113	145819	47.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	8.647	98	551663	48.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	189811	41.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.220%#
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1913	0.635	ug/l	96
12) 1,1-Dichloroethene	2.319	96	603	0.203	ug/l #	85
20) Methylene Chloride	2.794	84	1217	0.338	ug/l #	86
44) Trichloroethene	7.123	130	700686	196.007	ug/l	100
64) Tetrachloroethene	9.275	164	761	0.282	ug/l #	84

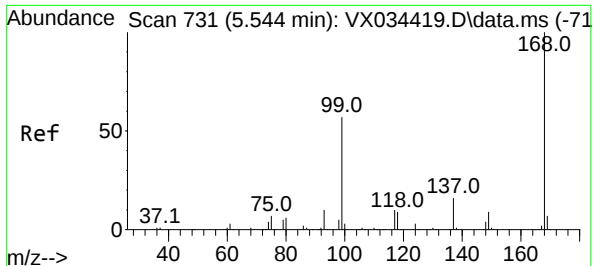
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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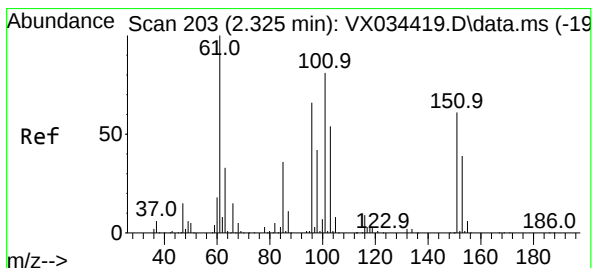
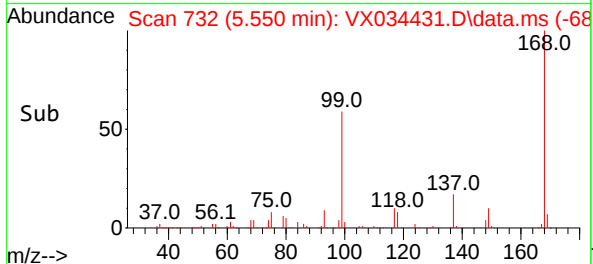
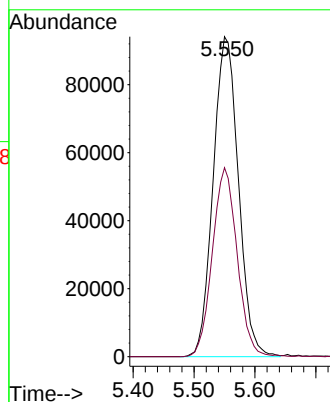
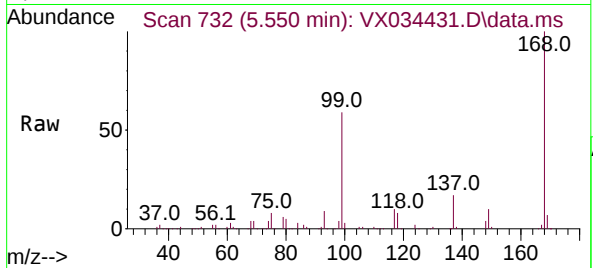




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

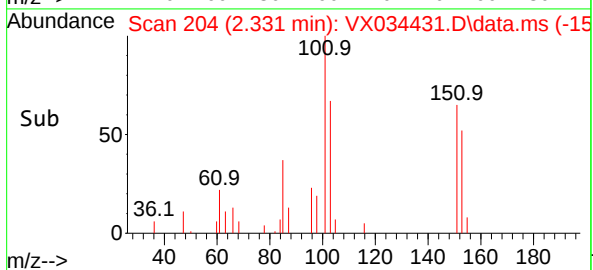
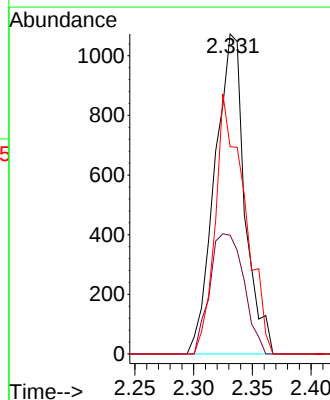
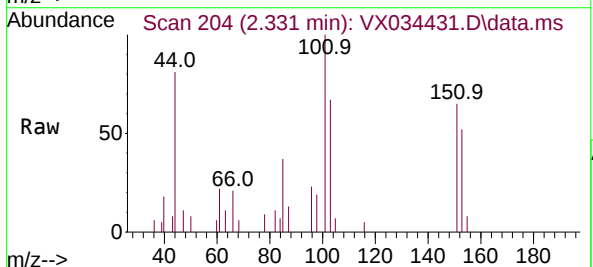
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

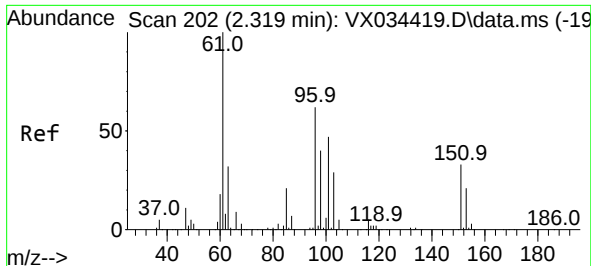
Tgt Ion:168 Resp: 270930
Ion Ratio Lower Upper
168 100
99 59.0 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.635 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion:101 Resp: 1913
Ion Ratio Lower Upper
101 100
85 42.6 35.4 53.2
151 79.2 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.203 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX034431.D

Acq: 13 Mar 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20230308

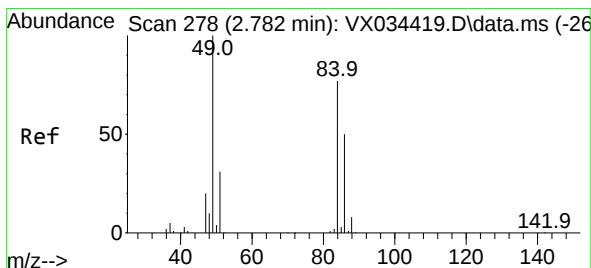
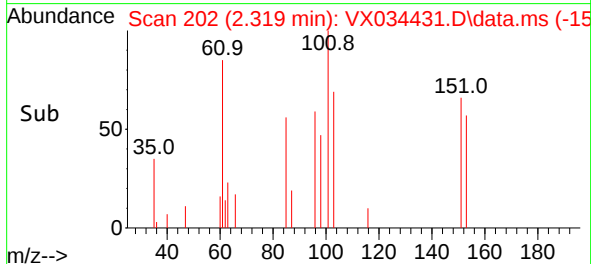
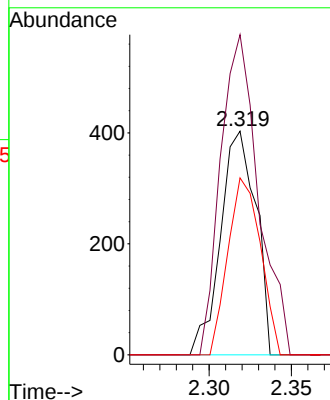
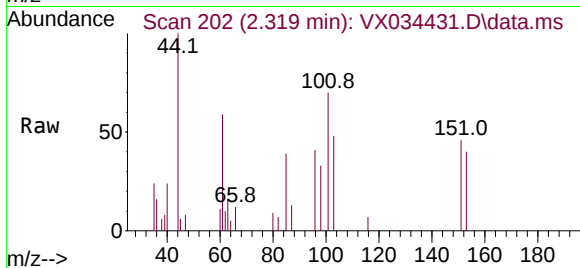
Tgt Ion: 96 Resp: 603

Ion Ratio Lower Upper

96 100

61 143.2 128.8 193.2

98 79.2 51.4 77.0#



#20

Methylene Chloride

Concen: 0.338 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.012 min

Lab File: VX034431.D

Acq: 13 Mar 2023 14:37

Tgt Ion: 84 Resp: 1217

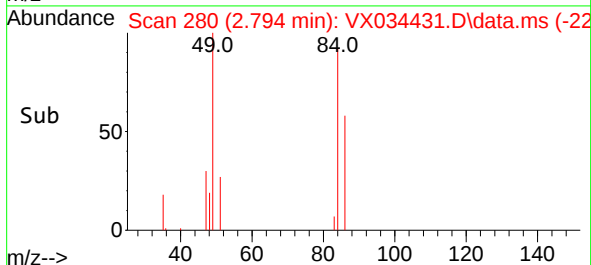
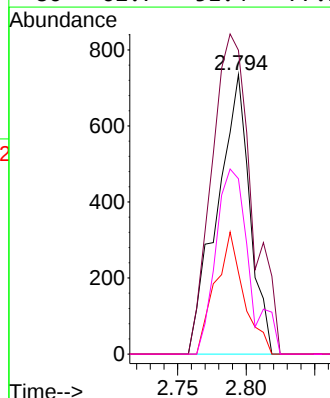
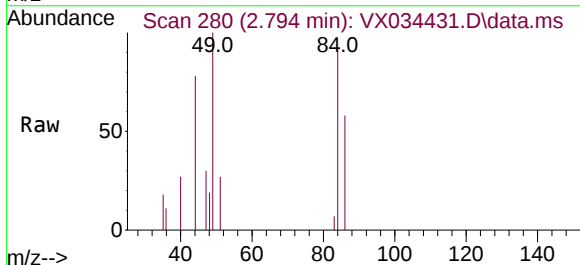
Ion Ratio Lower Upper

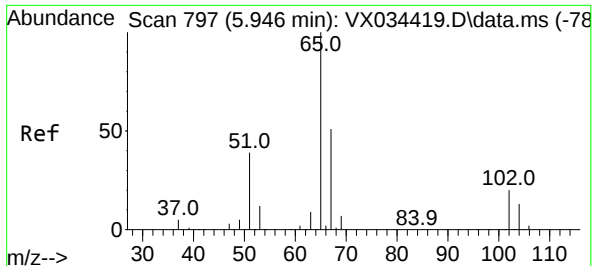
84 100

49 108.7 103.8 155.8

51 29.3 31.8 47.8#

86 62.7 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 45.003 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034431.D

Acq: 13 Mar 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

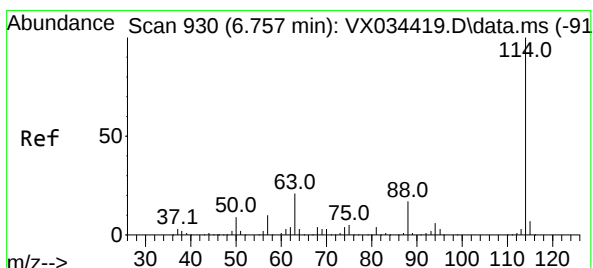
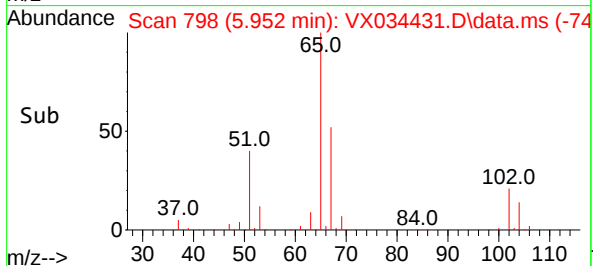
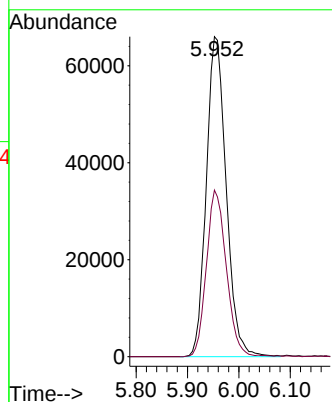
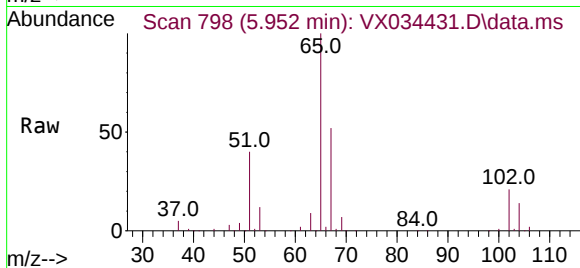
RE122D2-20230308

Tgt Ion: 65 Resp: 177378

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034431.D

Acq: 13 Mar 2023 14:37

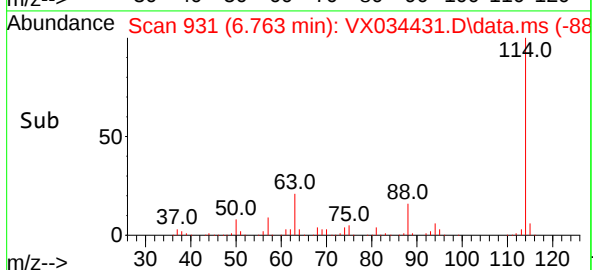
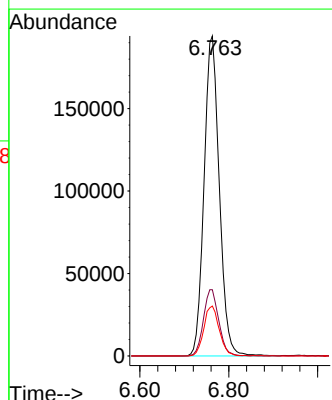
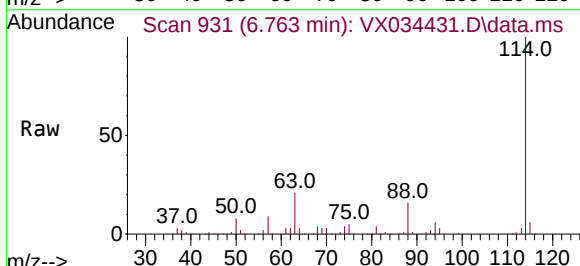
Tgt Ion: 114 Resp: 463775

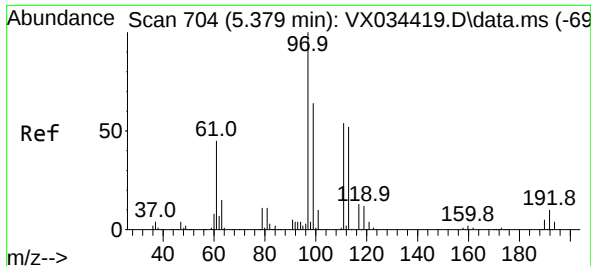
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.6 0.0 33.2

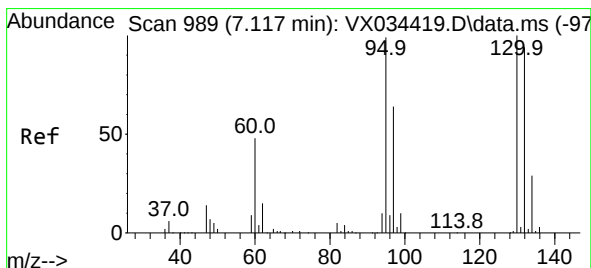
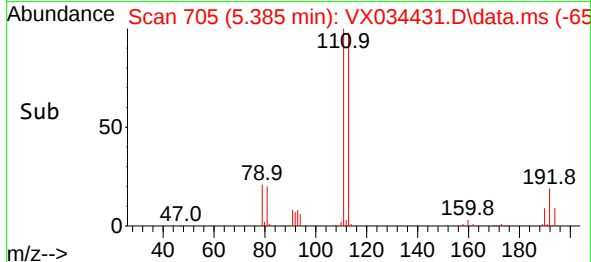
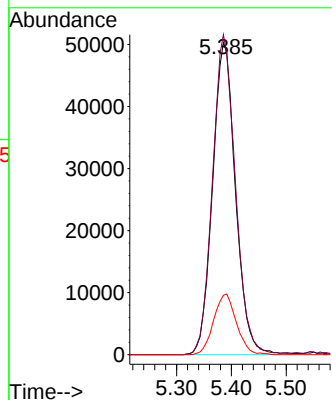
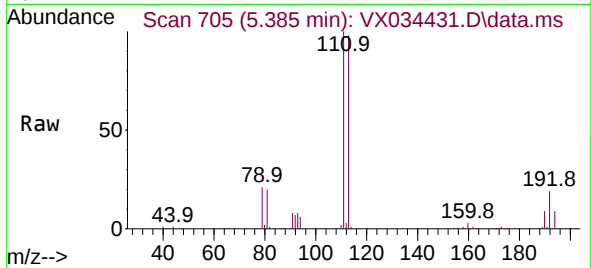




#35
Dibromofluoromethane
Concen: 47.621 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

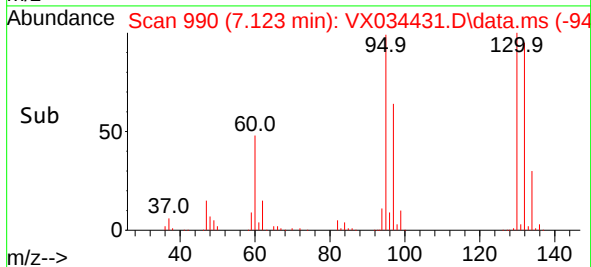
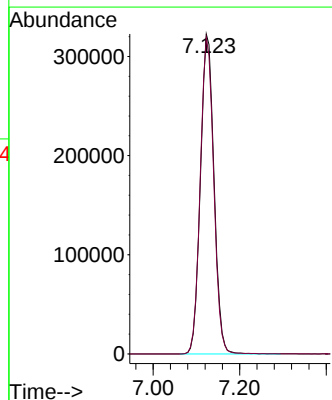
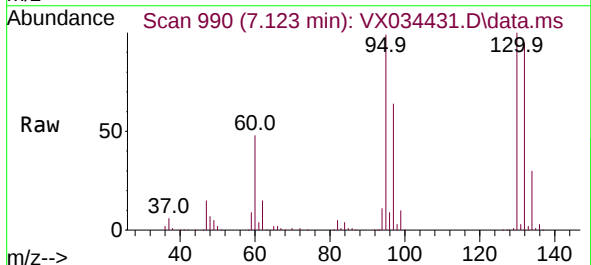
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ClientSampleId :
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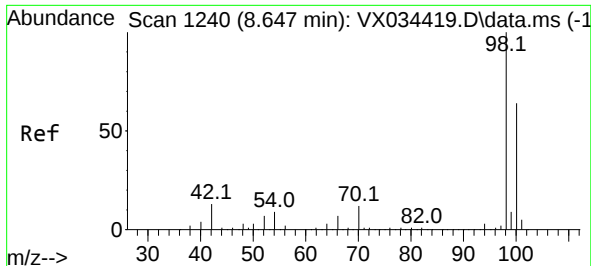
Tgt Ion:113 Resp: 145819
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 19.4 15.4 23.2



#44
Trichloroethene
Concen: 196.007 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion:130 Resp: 700686
Ion Ratio Lower Upper
130 100
95 98.9 0.0 198.4

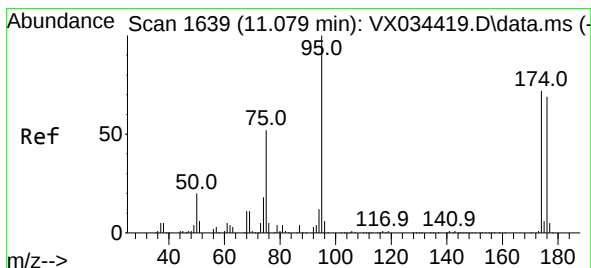
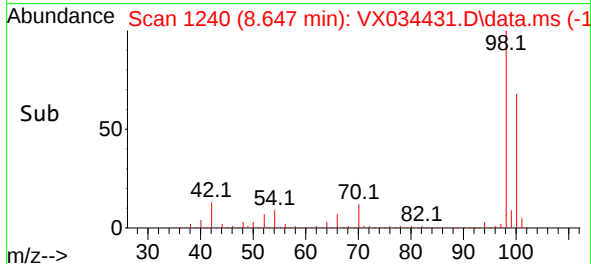
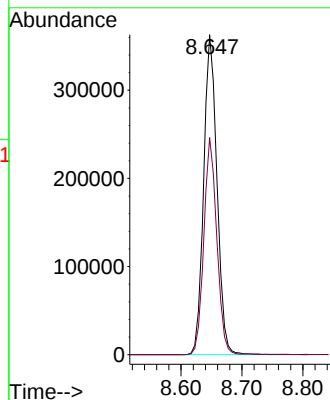
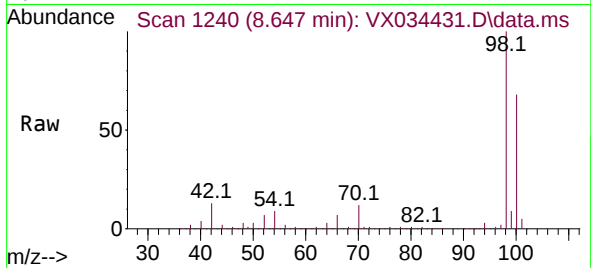




#50
Toluene-d8
Concen: 48.261 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

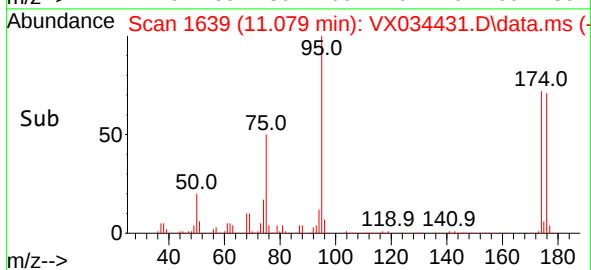
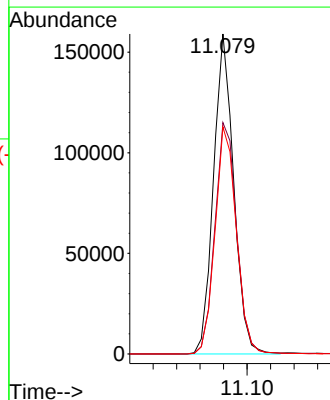
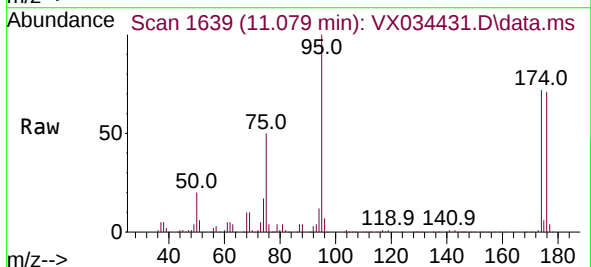
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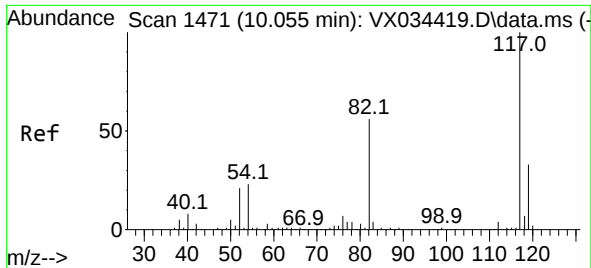
Tgt Ion: 98 Resp: 551663
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 95 Resp: 189811
Ion Ratio Lower Upper
95 100
174 77.7 0.0 147.4
176 75.3 0.0 140.6

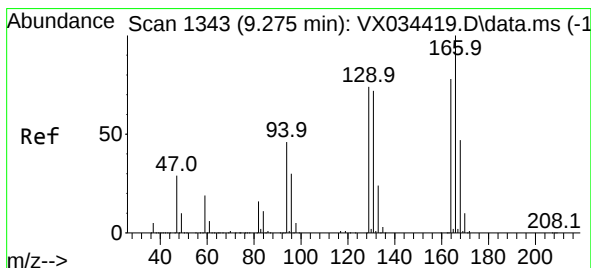
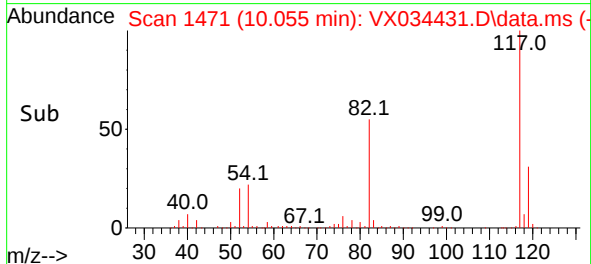
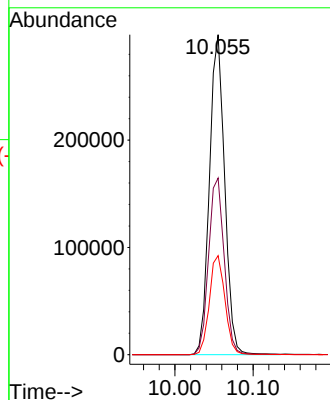
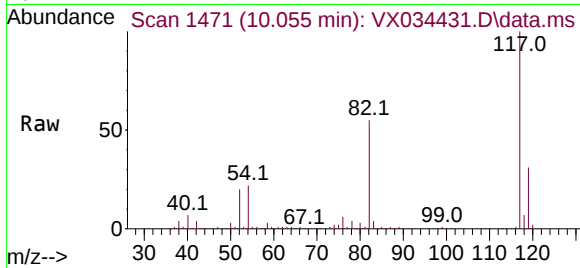




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

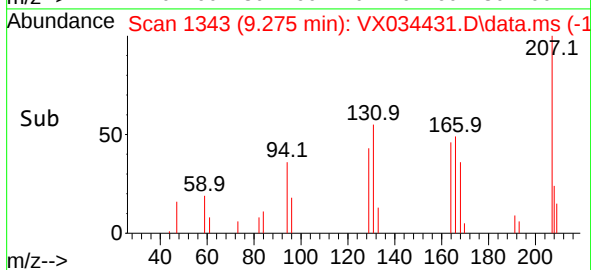
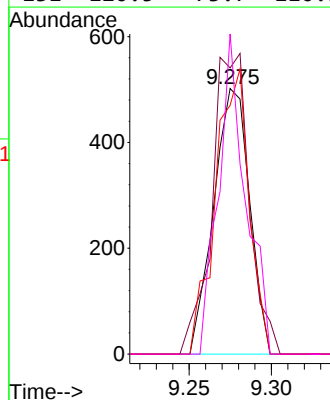
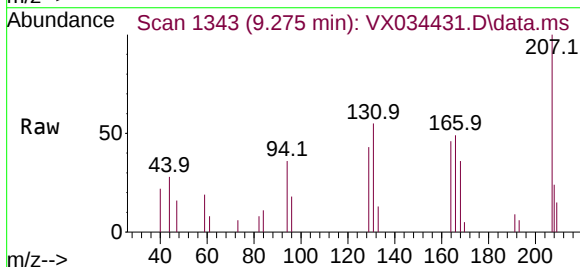
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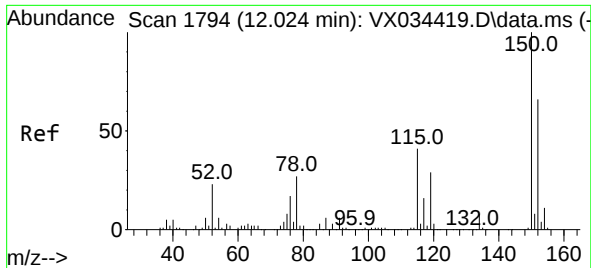
Tgt Ion:117 Resp: 402389
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 31.0 26.0 39.0



#64
Tetrachloroethene
Concen: 0.282 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion:164 Resp: 761
Ion Ratio Lower Upper
164 100
166 107.8 102.7 154.1
129 93.6 75.6 113.4
131 120.5 73.7 110.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034431.D

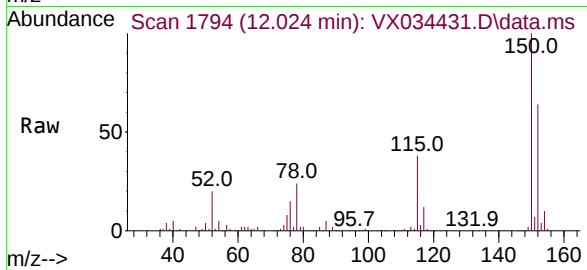
Acq: 13 Mar 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20230308



Tgt Ion:152 Resp: 172524

Ion Ratio Lower Upper

152 100

115 61.0 45.0 135.0

150 158.6 0.0 352.4

