

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034454.D
 Acq On : 14 Mar 2023 11:01
 Operator : JC/MD
 Sample : 01879-12DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20230308DL

Quant Time: Mar 15 06:36:55 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)

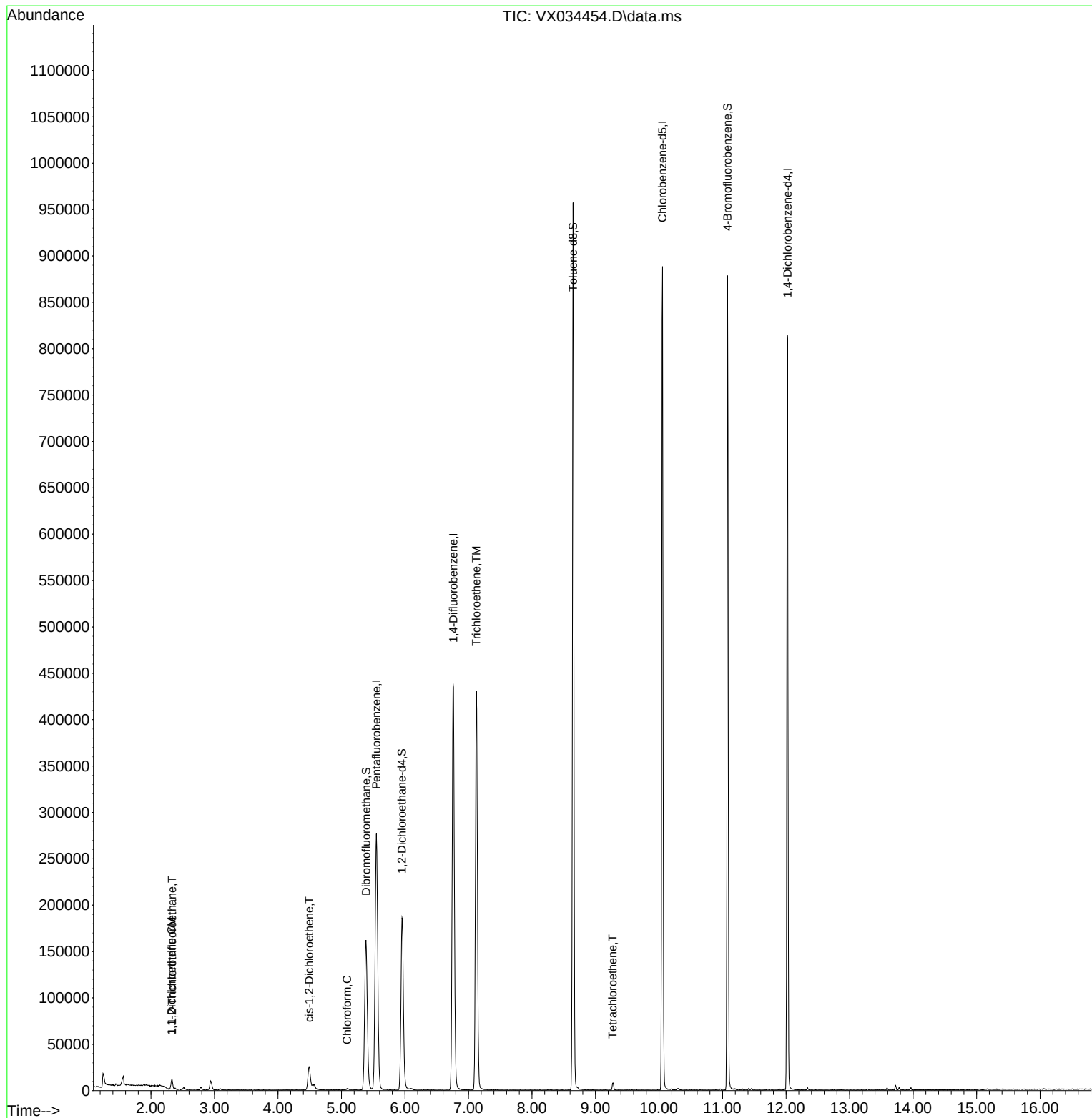
Internal Standards						
1) Pentafluorobenzene	5.550	168	265416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	448906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175395	45.424	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.840%	
35) Dibromofluoromethane	5.385	113	142588	48.108	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.220%	
50) Toluene-d8	8.647	98	542711	49.050	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.100%	
62) 4-Bromofluorobenzene	11.079	95	227909	50.996	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.000%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3672	1.245	ug/l	98
12) 1,1-Dichloroethene	2.325	96	705	0.243	ug/l #	89
27) cis-1,2-Dichloroethene	4.489	96	17002	4.577	ug/l	86
30) Chloroform	5.086	83	1774	0.300	ug/l #	67
44) Trichloroethene	7.123	130	162985	47.103	ug/l	97
64) Tetrachloroethene	9.269	164	1513	0.564	ug/l #	65

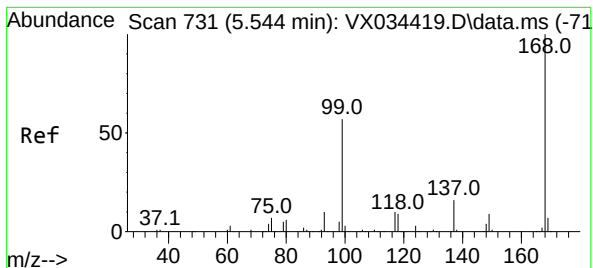
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX034454.D

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Instrument :

MSVOA_X

ClientSampleId :

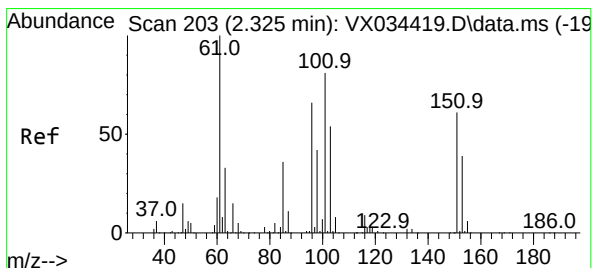
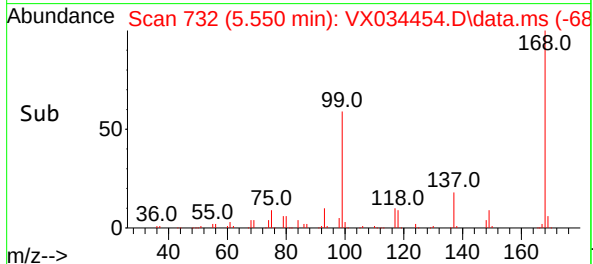
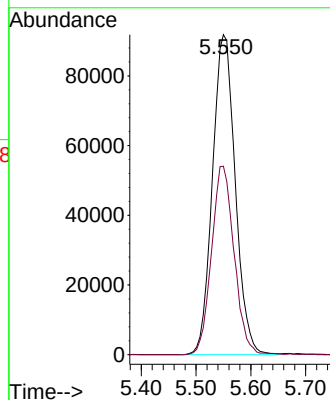
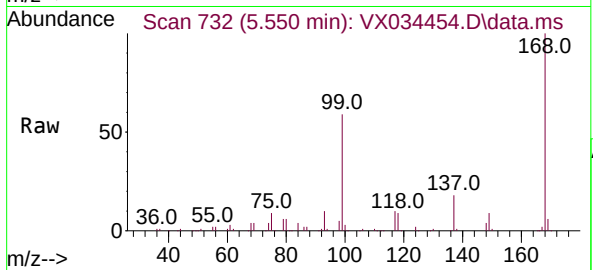
RE104D2-20230308DL

Tgt Ion:168 Resp: 265416

Ion Ratio Lower Upper

168 100

99 58.9 45.7 68.5



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.245 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.006 min

Lab File: VX034454.D

Acq: 14 Mar 2023 11:01

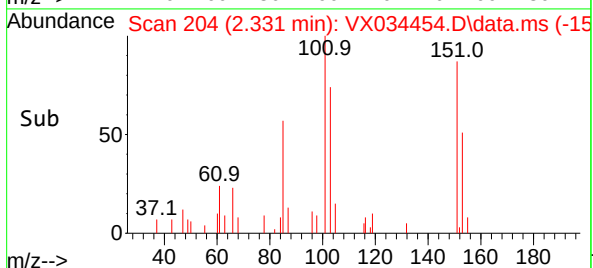
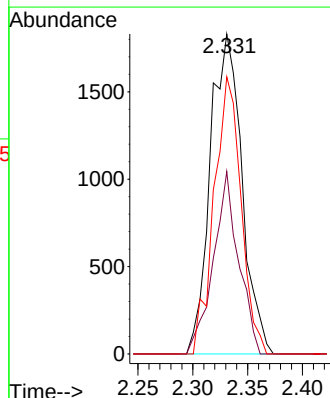
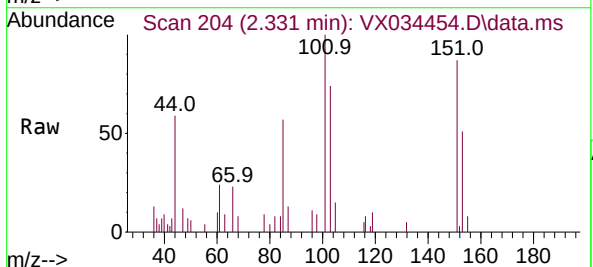
Tgt Ion:101 Resp: 3672

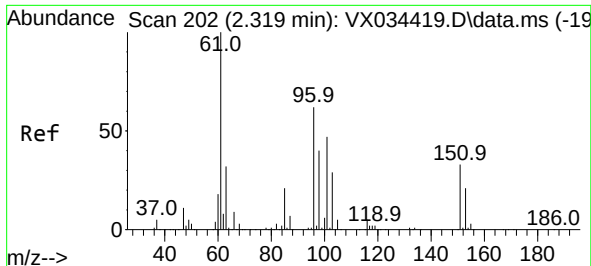
Ion Ratio Lower Upper

101 100

85 45.5 35.4 53.2

151 73.9 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.243 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034454.D

Acq: 14 Mar 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20230308DL

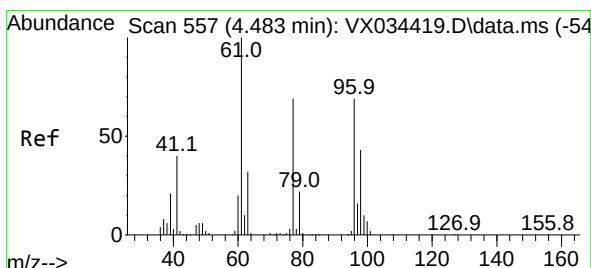
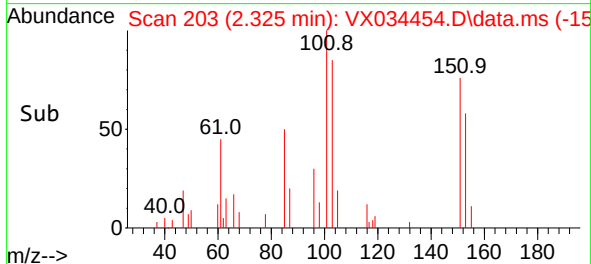
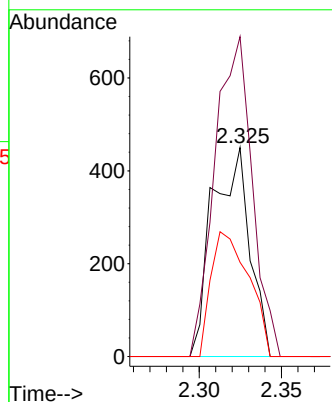
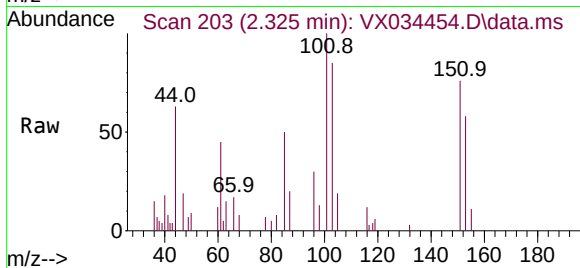
Tgt Ion: 96 Resp: 705

Ion Ratio Lower Upper

96 100

61 153.1 128.8 193.2

98 45.1 51.4 77.0#



#27

cis-1,2-Dichloroethene

Concen: 4.577 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034454.D

Acq: 14 Mar 2023 11:01

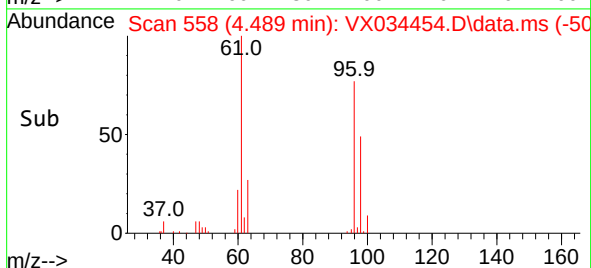
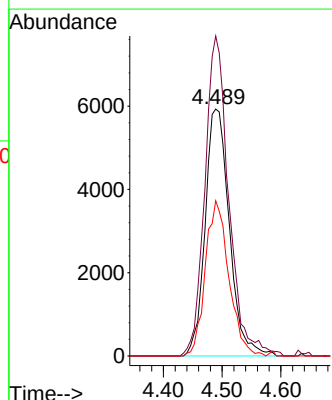
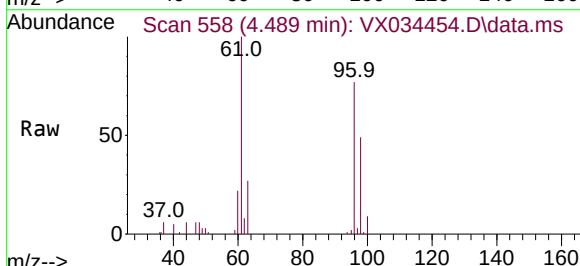
Tgt Ion: 96 Resp: 17002

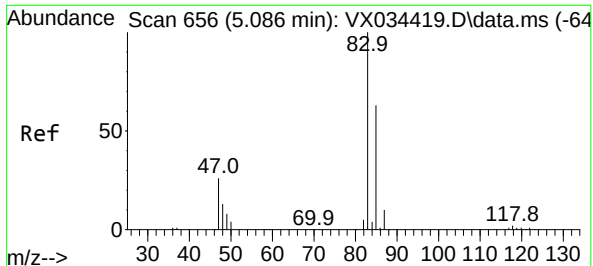
Ion Ratio Lower Upper

96 100

61 128.2 0.0 300.4

98 60.9 0.0 129.0





#30

Chloroform

Concen: 0.300 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX034454.D

Acq: 14 Mar 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

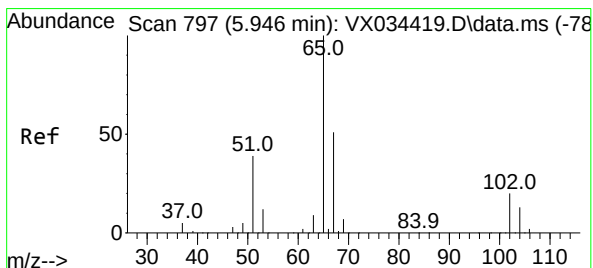
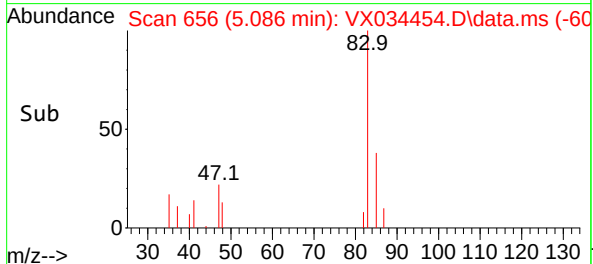
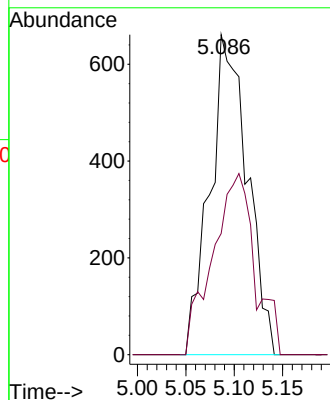
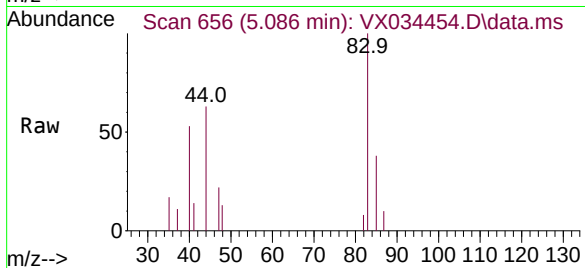
RE104D2-20230308DL

Tgt Ion: 83 Resp: 1774

Ion Ratio Lower Upper

83 100

85 37.8 50.6 76.0#



#33

1,2-Dichloroethane-d4

Concen: 45.424 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034454.D

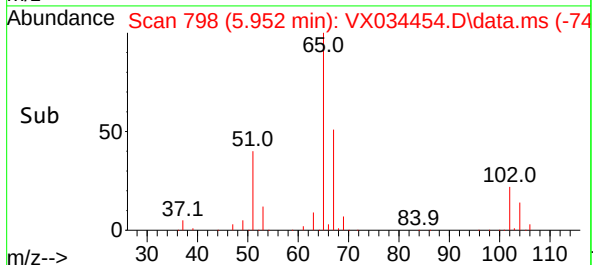
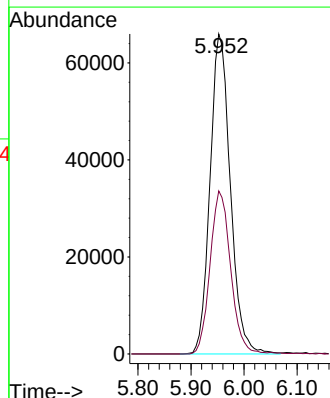
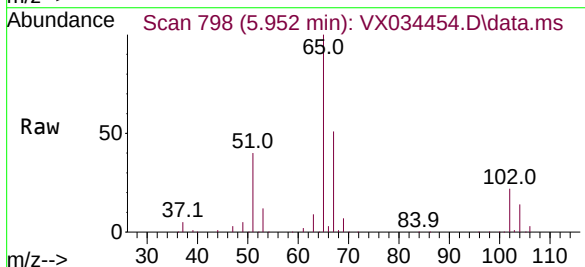
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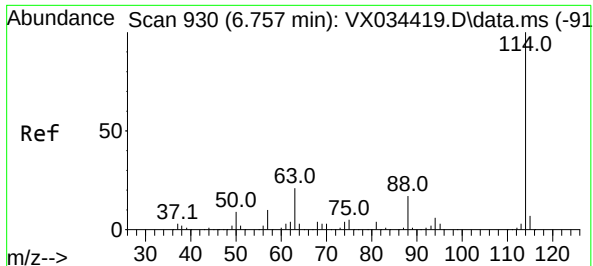
Tgt Ion: 65 Resp: 175395

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0

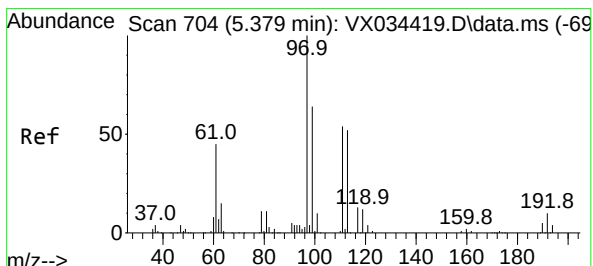
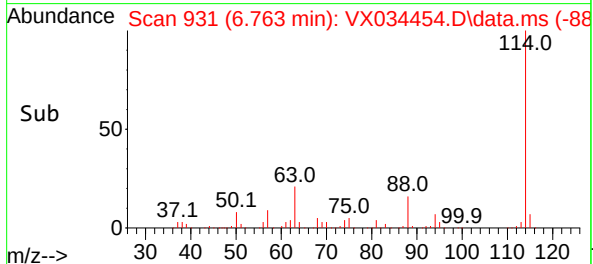
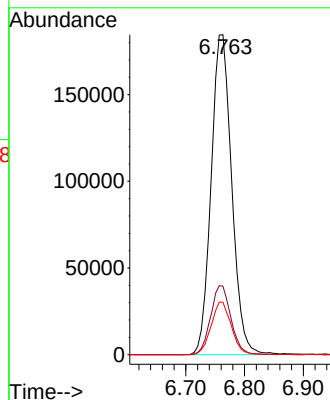
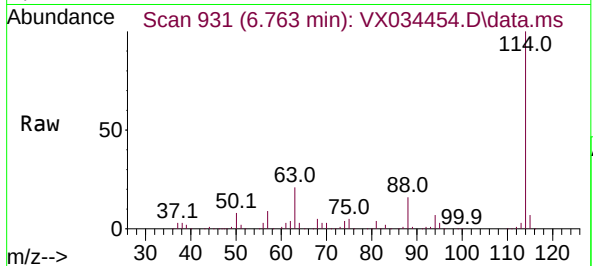




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034454.D
Acq: 14 Mar 2023 11:01

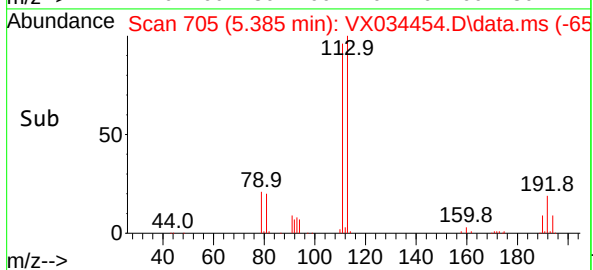
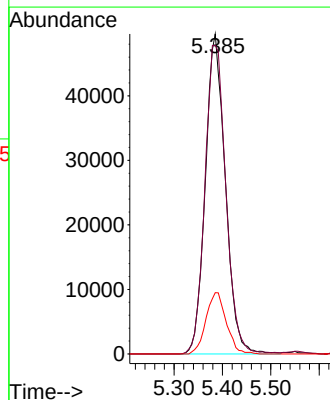
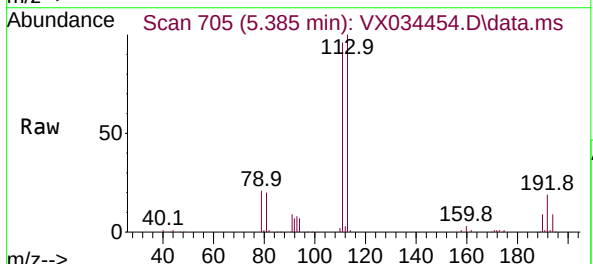
Instrument :
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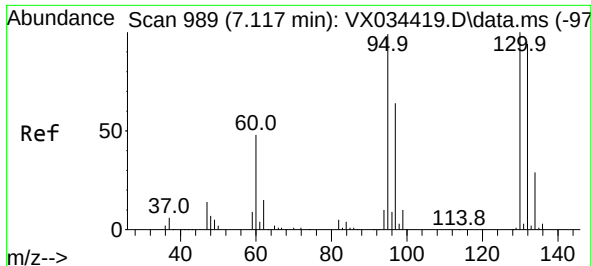
Tgt Ion:114 Resp: 448906
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034454.D
Acq: 14 Mar 2023 11:01

Tgt Ion:113 Resp: 142588
Ion Ratio Lower Upper
113 100
111 101.1 83.7 125.5
192 19.5 15.4 23.2

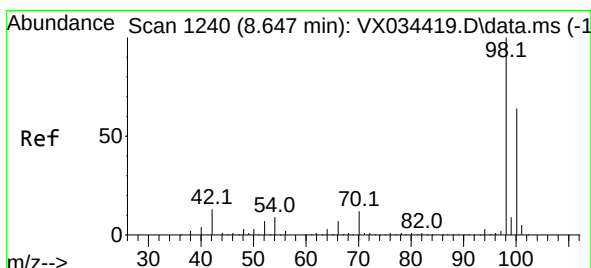
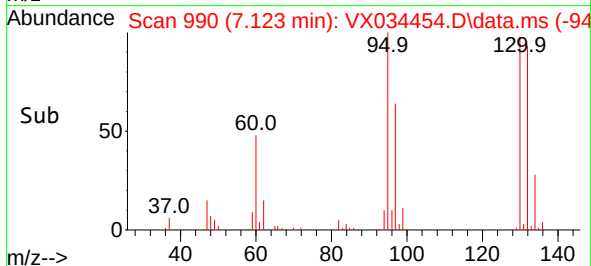
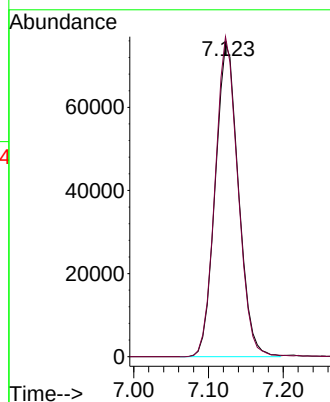
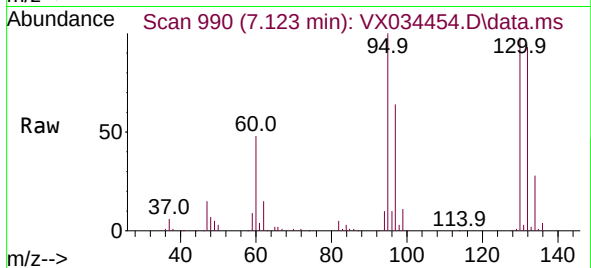




#44
Trichloroethene
Concen: 47.103 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034454.D
Acq: 14 Mar 2023 11:01

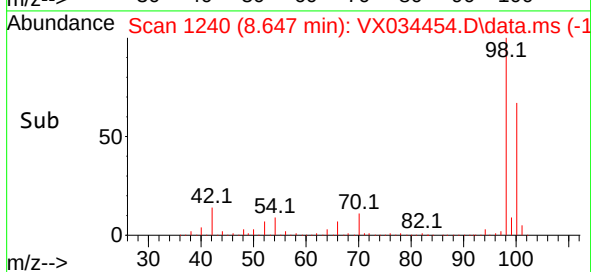
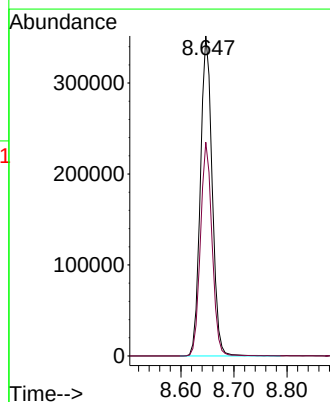
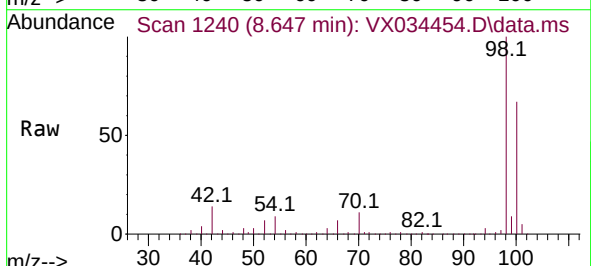
Instrument :
MSVOA_X
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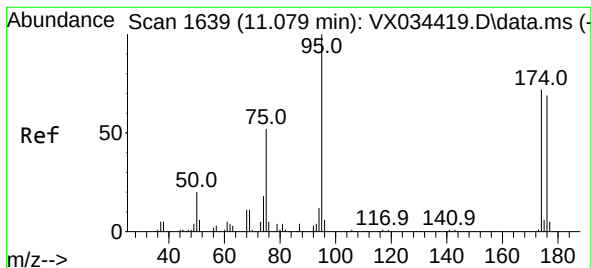
Tgt Ion:130 Resp: 162985
Ion Ratio Lower Upper
130 100
95 102.2 0.0 198.4



#50
Toluene-d8
Concen: 49.050 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034454.D
Acq: 14 Mar 2023 11:01

Tgt Ion: 98 Resp: 542711
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

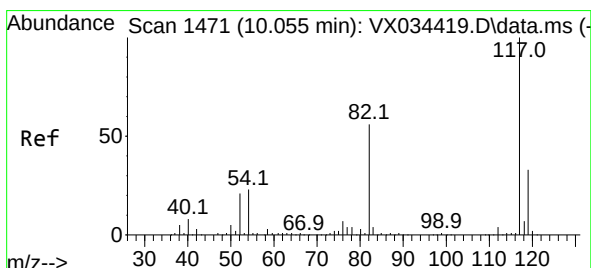
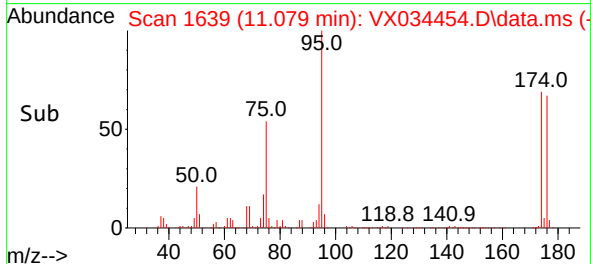
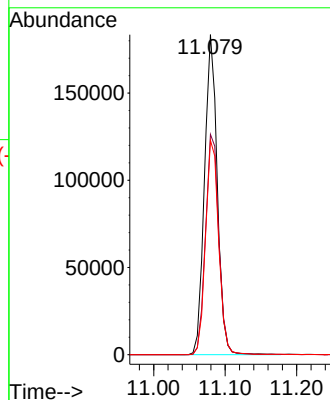
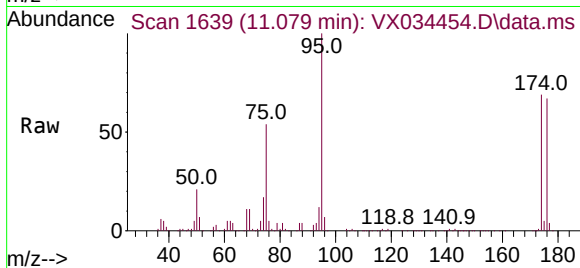




#62
4-Bromofluorobenzene
Concen: 50.996 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034454.D
Acq: 14 Mar 2023 11:01

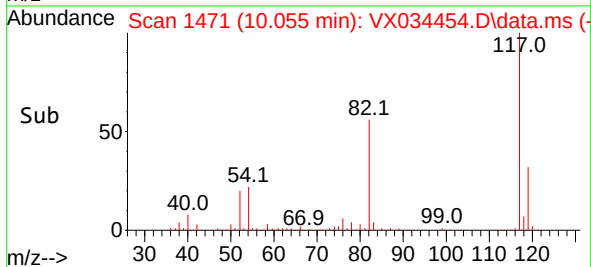
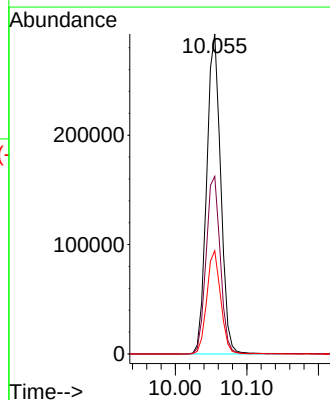
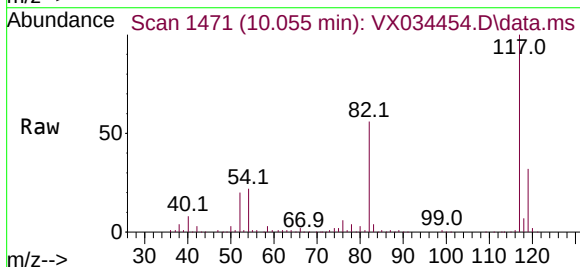
Instrument :
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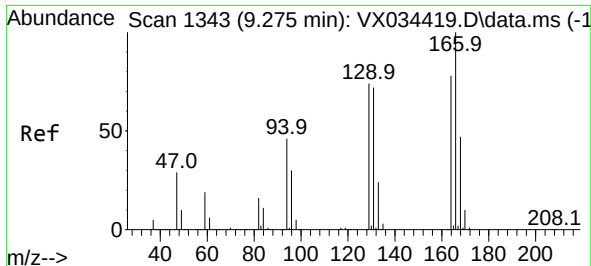
Tgt Ion: 95 Resp: 227909
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.4
176 68.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034454.D
Acq: 14 Mar 2023 11:01

Tgt Ion: 117 Resp: 399192
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.2 26.0 39.0

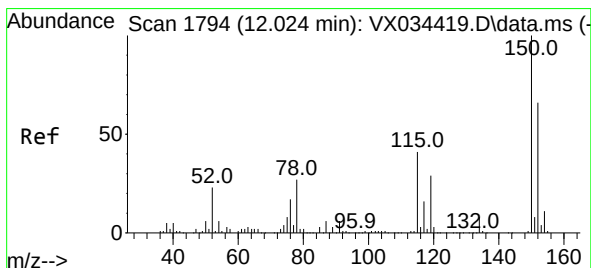
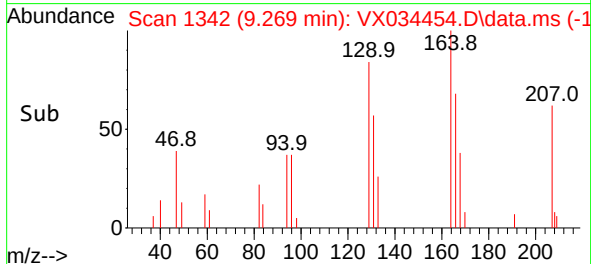
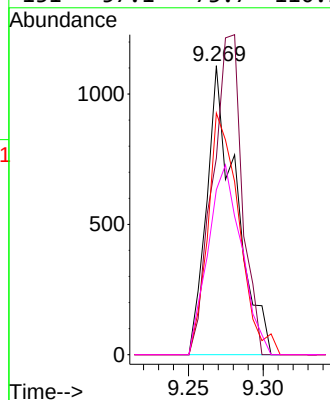
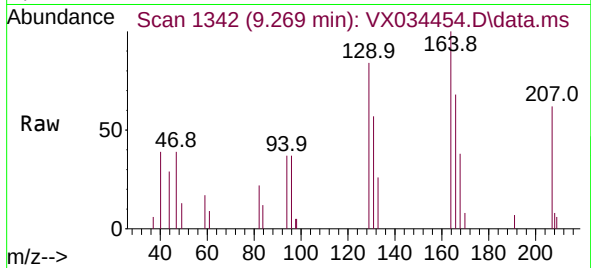




#64
Tetrachloroethene
Concen: 0.564 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034454.D
Acq: 14 Mar 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20230308DL

Tgt Ion:164 Resp: 1513
Ion Ratio Lower Upper
164 100
166 68.0 102.7 154.1#
129 83.6 75.6 113.4
131 57.1 73.7 110.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034454.D
Acq: 14 Mar 2023 11:01

Tgt Ion:152 Resp: 168418
Ion Ratio Lower Upper
152 100
115 59.9 45.0 135.0
150 155.8 0.0 352.4

