

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034550.D
 Acq On : 16 Mar 2023 16:58
 Operator : JC/MD
 Sample : 01903-18DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20230312DL

Quant Time: Mar 17 06:28:01 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)

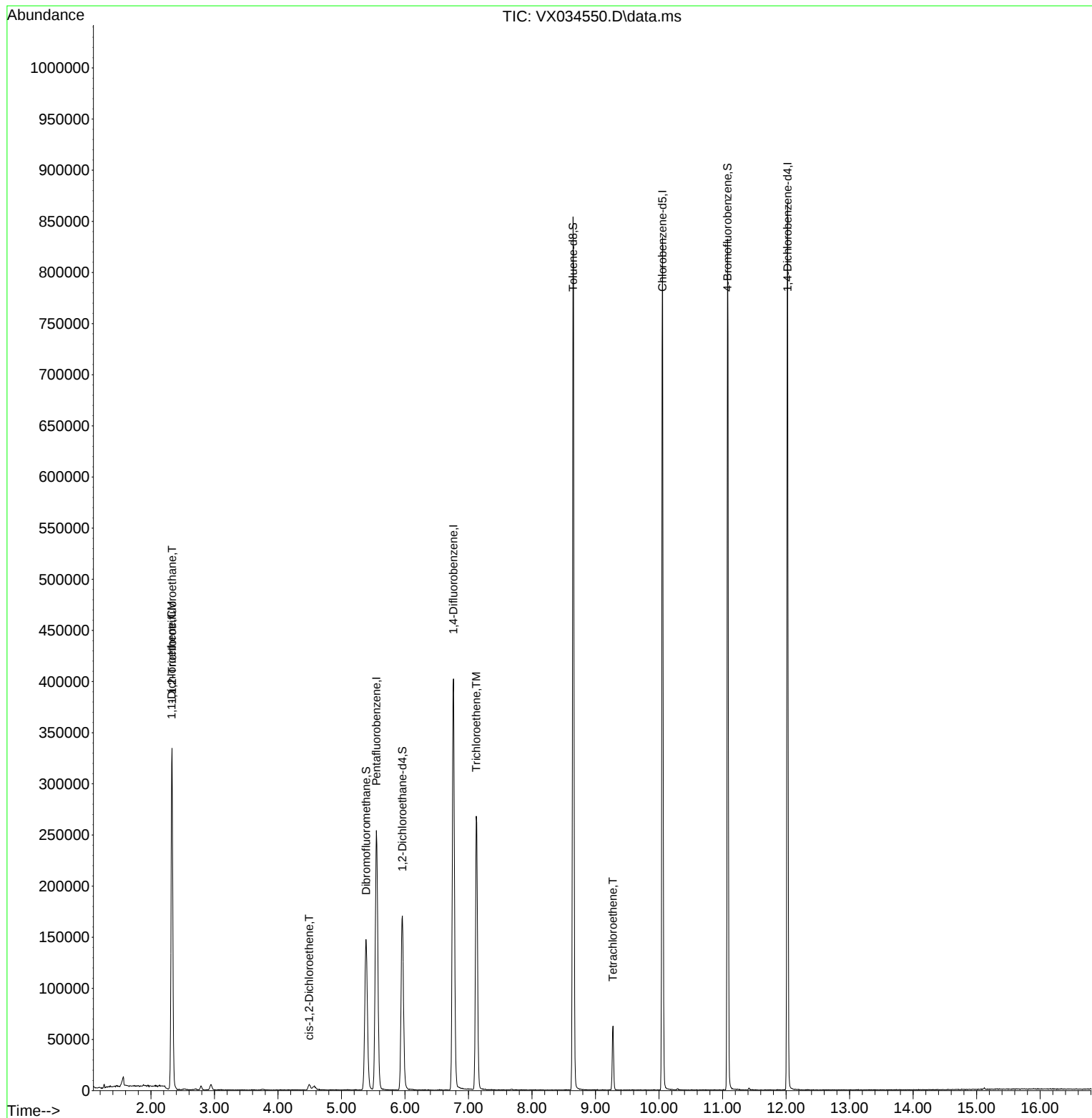
Internal Standards						
1) Pentafluorobenzene	5.550	168	238610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	403940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163518	47.106	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.220%
35) Dibromofluoromethane	5.385	113	127351	47.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	484559	48.670	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	217577	54.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.200%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	131595	49.615	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1413	0.541	ug/l #	93
27) cis-1,2-Dichloroethene	4.489	96	3361	1.006	ug/l	89
44) Trichloroethene	7.123	130	101667	32.653	ug/l	98
64) Tetrachloroethene	9.275	164	11447	4.826	ug/l	91

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

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Quant Time: Mar 17 06:28:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
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QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

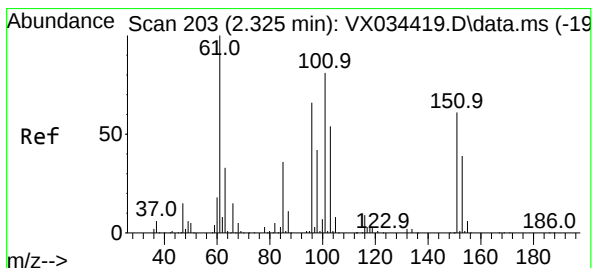
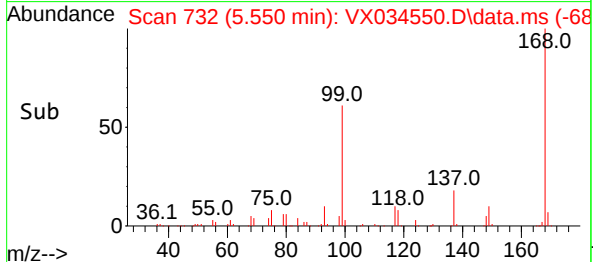
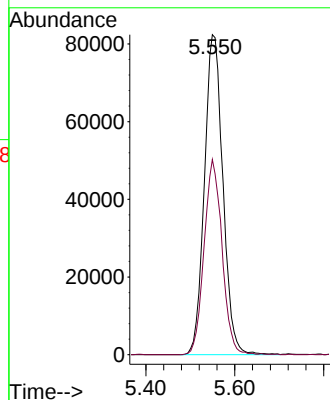
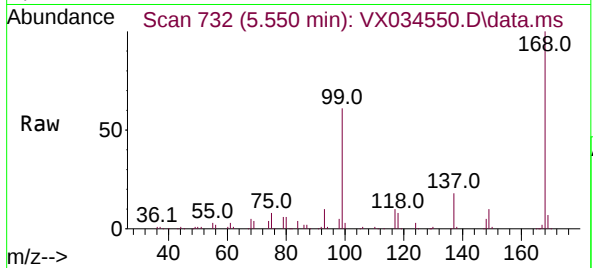




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034550.D
Acq: 16 Mar 2023 16:58

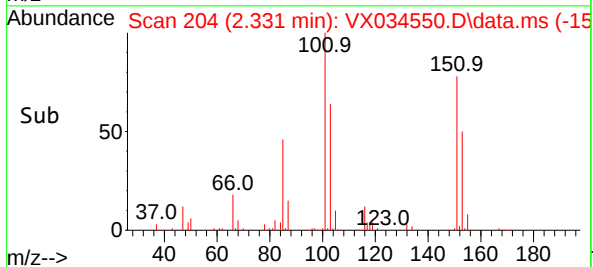
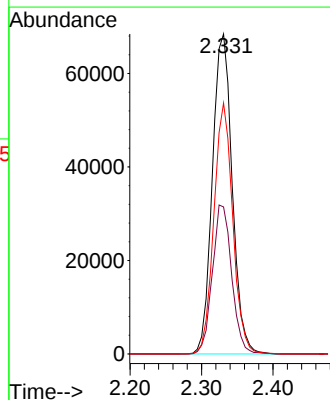
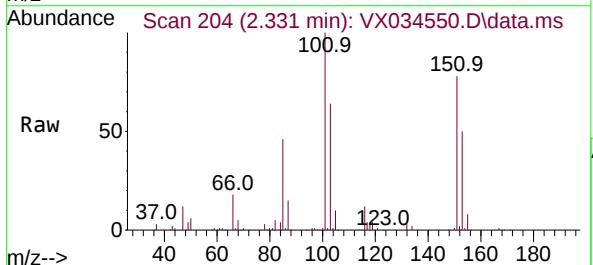
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20230312DL

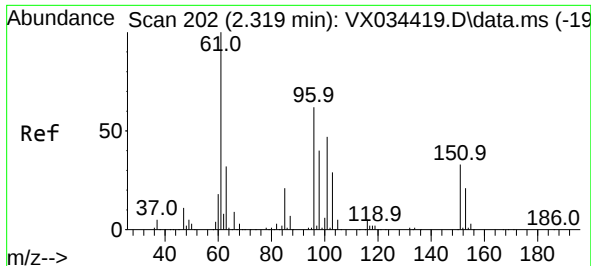
Tgt Ion:168 Resp: 238610
Ion Ratio Lower Upper
168 100
99 61.0 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.615 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034550.D
Acq: 16 Mar 2023 16:58

Tgt Ion:101 Resp: 131595
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.2
151 74.8 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.541 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034550.D

Acq: 16 Mar 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20230312DL

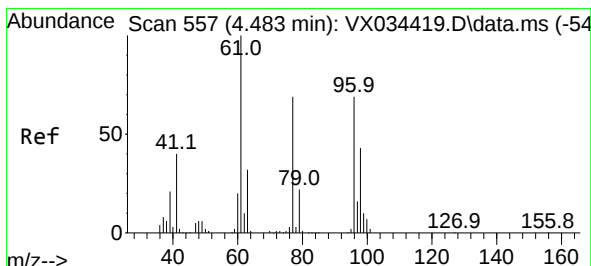
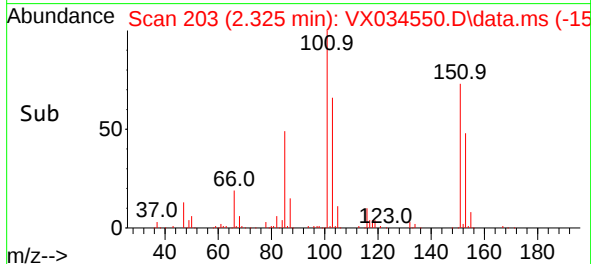
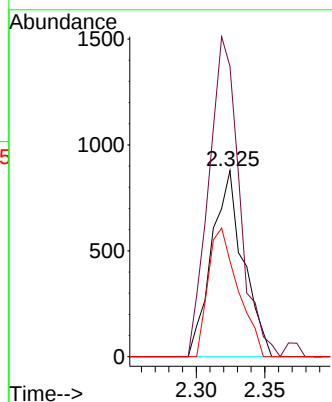
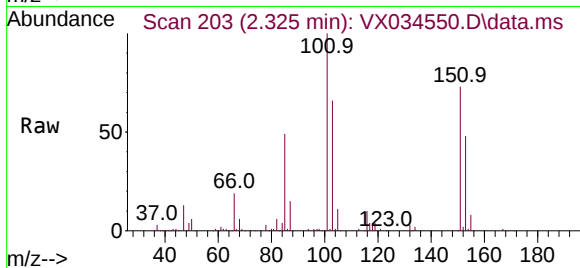
Tgt Ion: 96 Resp: 1413

Ion Ratio Lower Upper

96 100

61 156.0 128.8 193.2

98 51.3 51.4 77.0#



#27

cis-1,2-Dichloroethene

Concen: 1.006 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034550.D

Acq: 16 Mar 2023 16:58

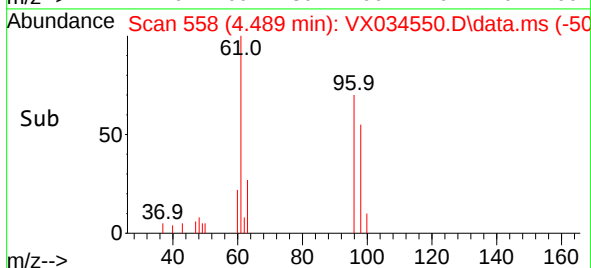
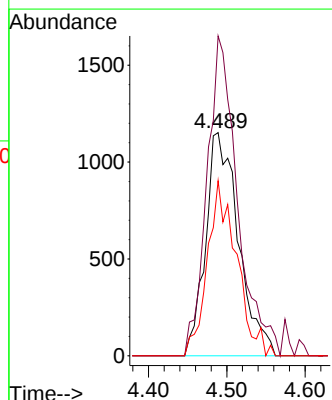
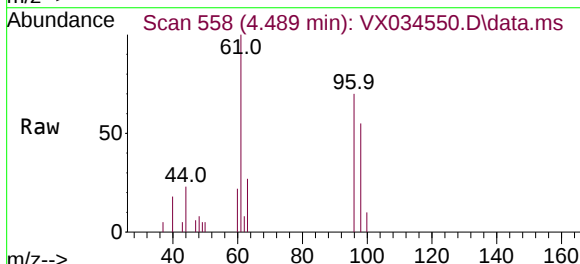
Tgt Ion: 96 Resp: 3361

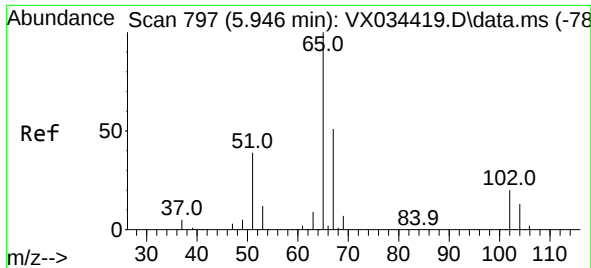
Ion Ratio Lower Upper

96 100

61 133.2 0.0 300.4

98 69.5 0.0 129.0

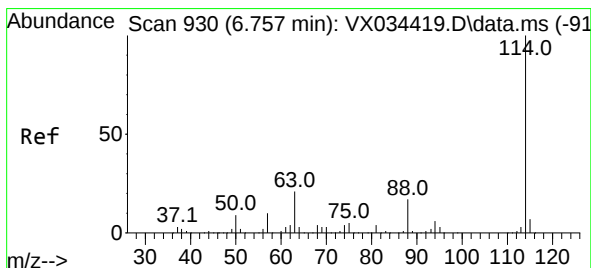
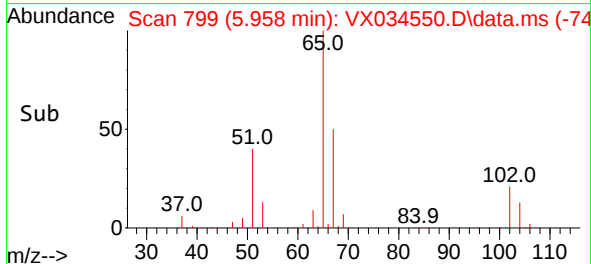
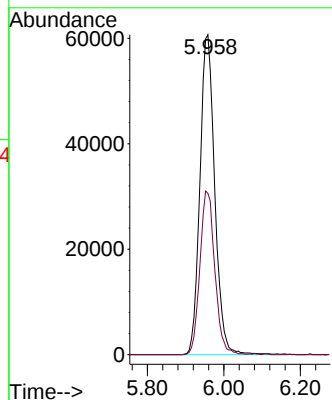
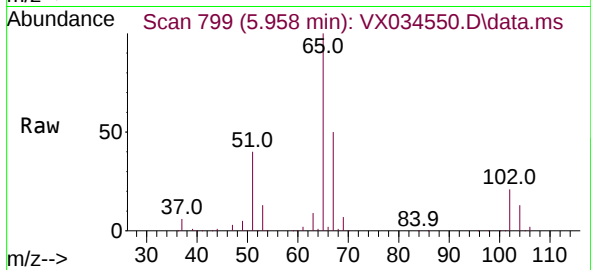




#33
 1,2-Dichloroethane-d4
 Concen: 47.106 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.012 min
 Lab File: VX034550.D
 Acq: 16 Mar 2023 16:58

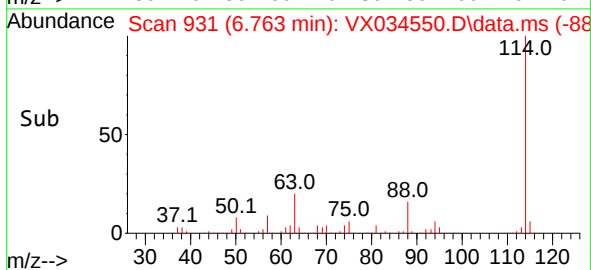
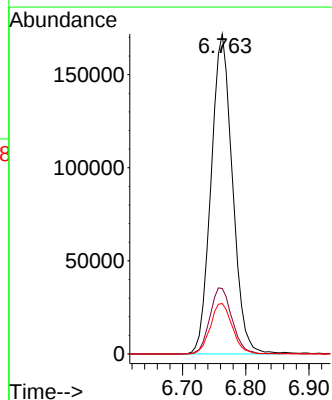
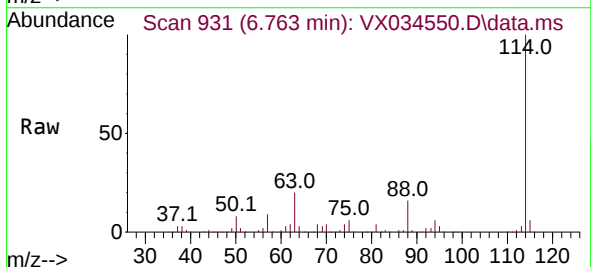
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20230312DL

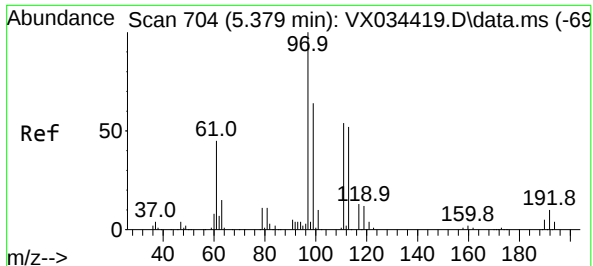
Tgt Ion: 65 Resp: 163518
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034550.D
 Acq: 16 Mar 2023 16:58

Tgt Ion: 114 Resp: 403940
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.2
 88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.751 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034550.D

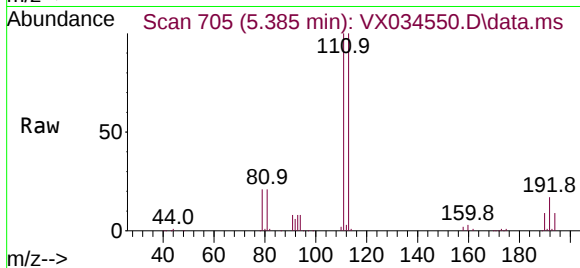
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Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20230312DL



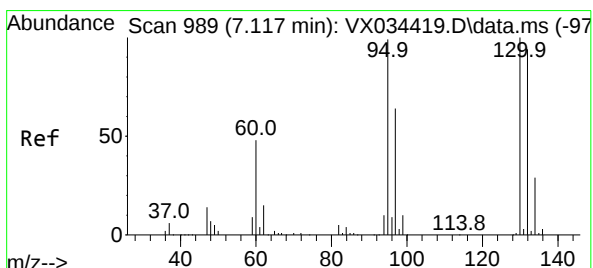
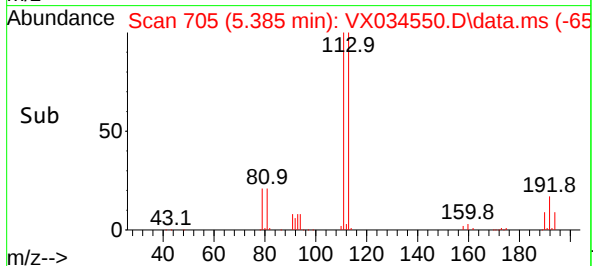
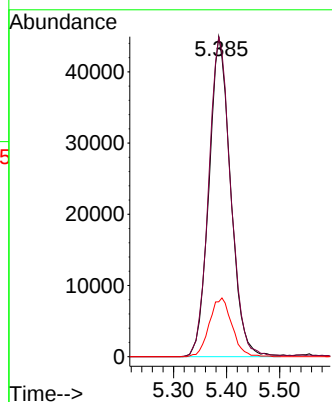
Tgt Ion:113 Resp: 127351

Ion Ratio Lower Upper

113 100

111 101.8 83.7 125.5

192 19.2 15.4 23.2



#44

Trichloroethene

Concen: 32.653 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034550.D

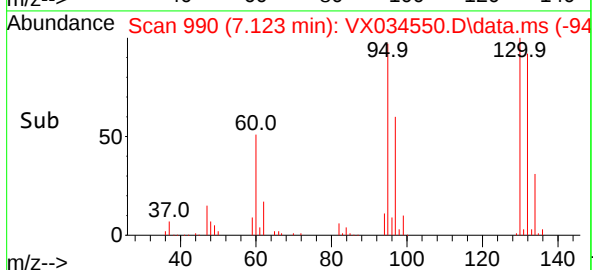
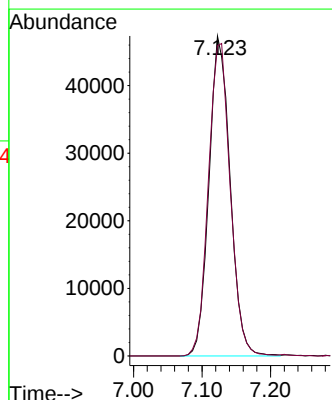
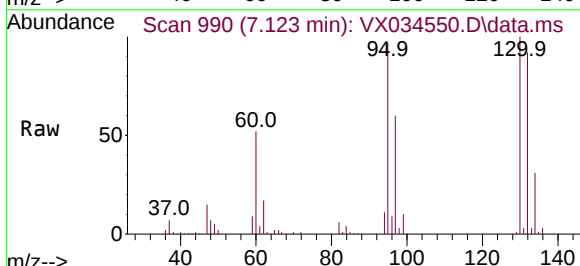
Acq: 16 Mar 2023 16:58

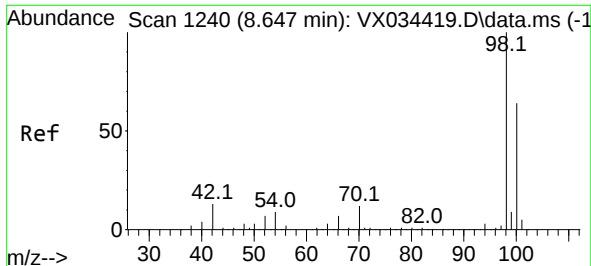
Tgt Ion:130 Resp: 101667

Ion Ratio Lower Upper

130 100

95 96.9 0.0 198.4

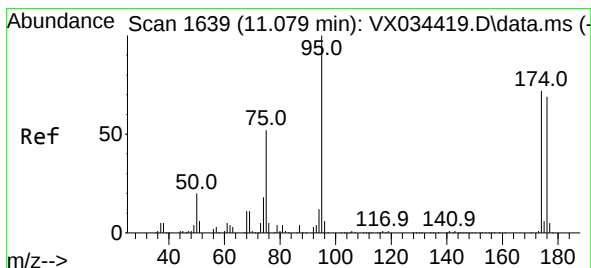
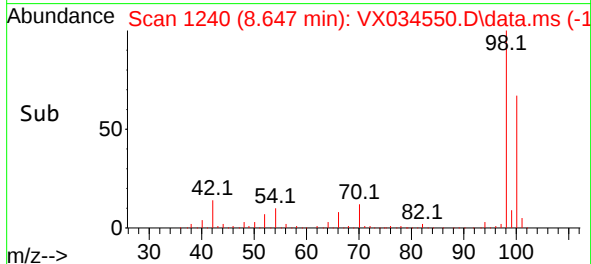
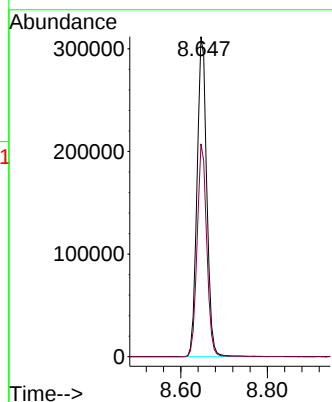
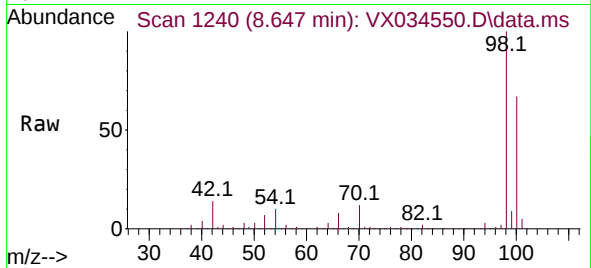




#50
Toluene-d8
Concen: 48.670 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034550.D
Acq: 16 Mar 2023 16:58

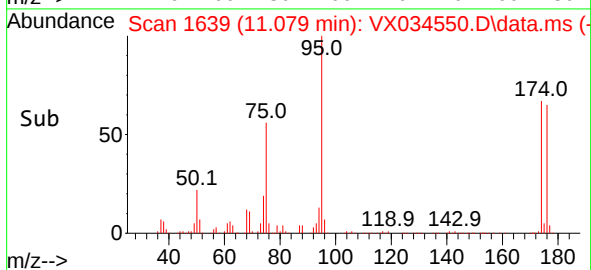
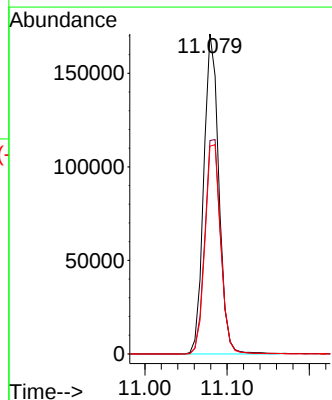
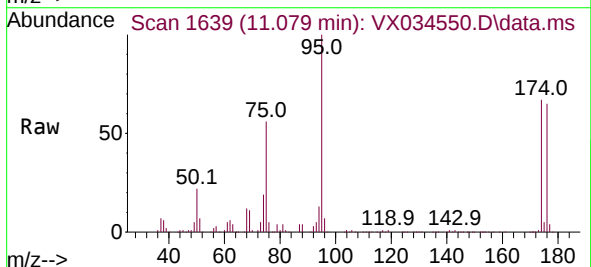
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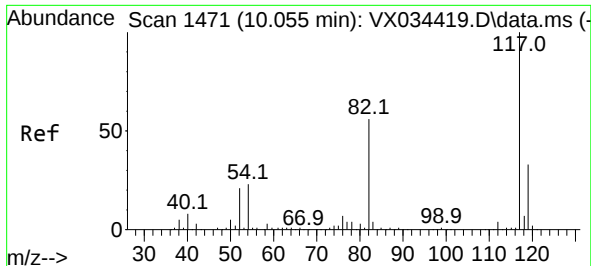
Tgt Ion: 98 Resp: 484559
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034550.D
Acq: 16 Mar 2023 16:58

Tgt Ion: 95 Resp: 217577
Ion Ratio Lower Upper
95 100
174 70.4 0.0 147.4
176 68.6 0.0 140.6

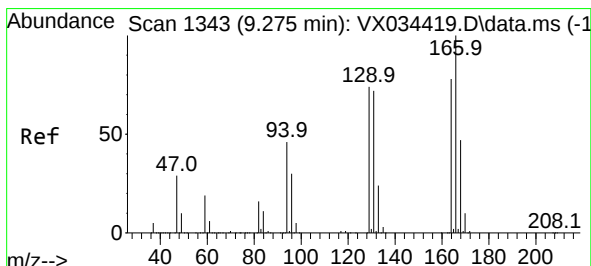
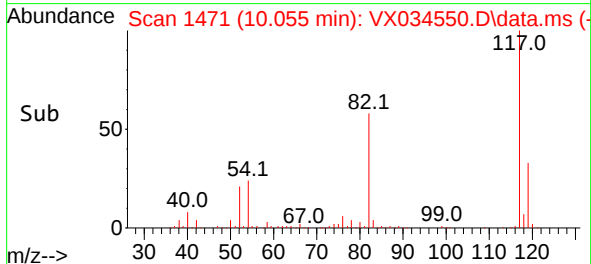
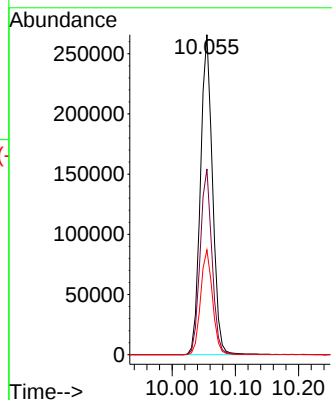
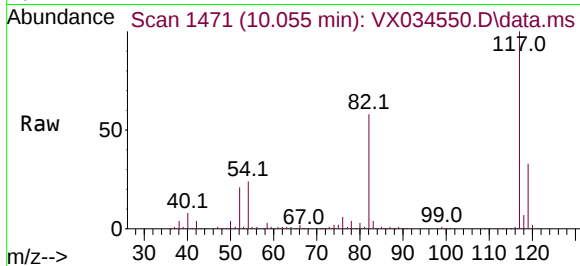




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034550.D
Acq: 16 Mar 2023 16:58

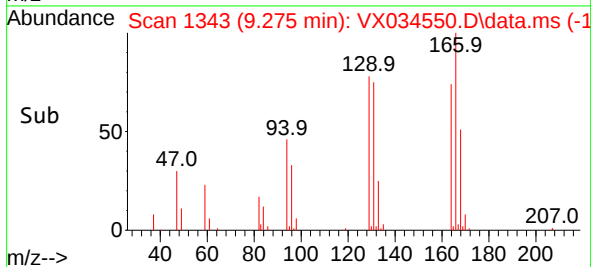
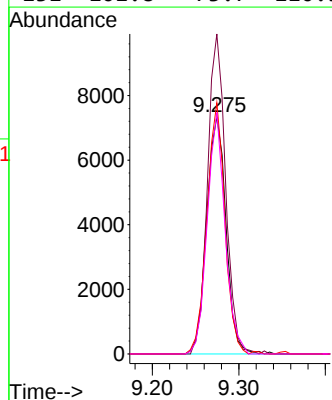
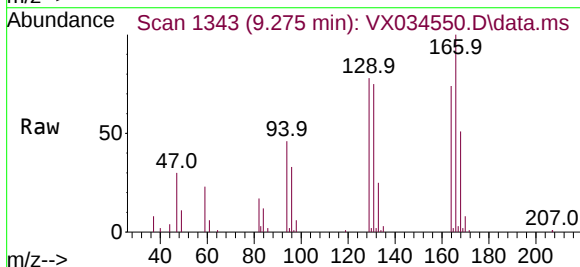
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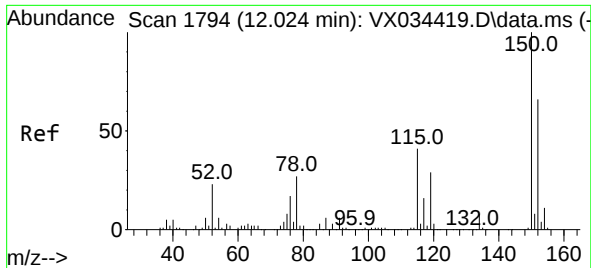
Tgt Ion:117 Resp: 353095
Ion Ratio Lower Upper
117 100
82 58.0 45.0 67.4
119 32.7 26.0 39.0



#64
Tetrachloroethene
Concen: 4.826 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034550.D
Acq: 16 Mar 2023 16:58

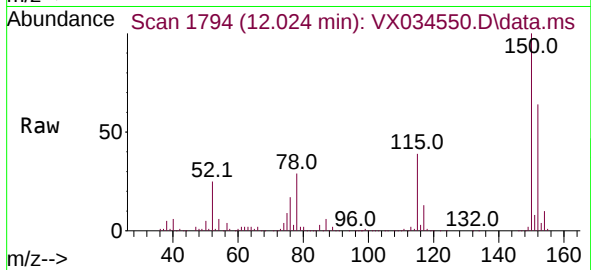
Tgt Ion:164 Resp: 11447
Ion Ratio Lower Upper
164 100
166 134.9 102.7 154.1
129 105.9 75.6 113.4
131 101.8 73.7 110.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034550.D
 Acq: 16 Mar 2023 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20230312DL



Tgt Ion:152 Resp: 167422
 Ion Ratio Lower Upper
 152 100
 115 62.5 45.0 135.0
 150 155.9 0.0 352.4

