

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034466.D
 Acq On : 14 Mar 2023 15:43
 Operator : JC/MD
 Sample : 01880-14DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20230310DL

Quant Time: Mar 15 06:42:18 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)

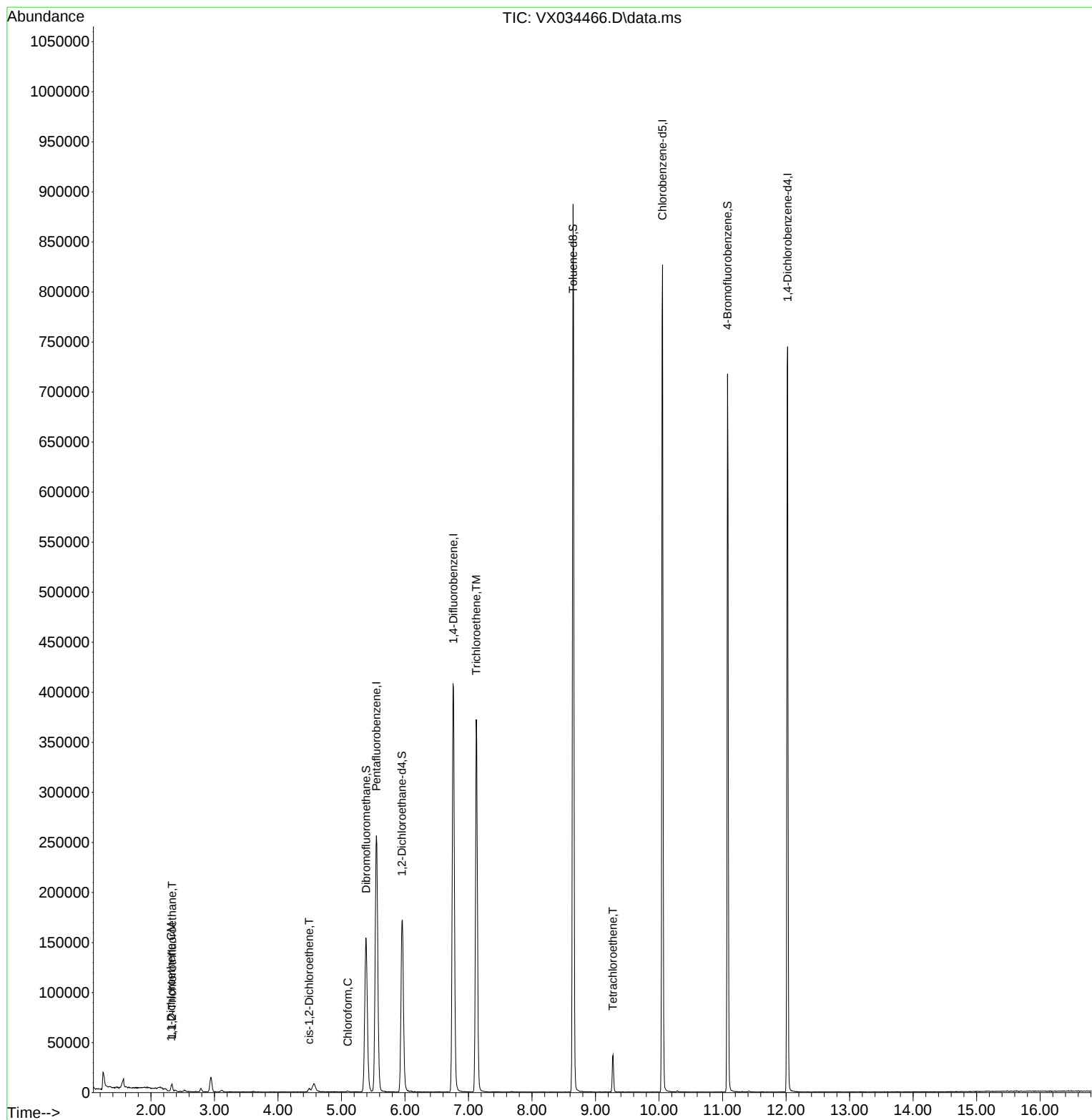
Internal Standards						
1) Pentafluorobenzene	5.550	168	248147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	420028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164275	45.505	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.020%
35) Dibromofluoromethane	5.385	113	132659	47.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.680%
50) Toluene-d8	8.647	98	505249	48.804	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	186550	44.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.220%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2589	0.939	ug/l	94
12) 1,1-Dichloroethene	2.319	96	660	0.243	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	2519	0.725	ug/l	77
30) Chloroform	5.099	83	1113	0.201	ug/l	95
44) Trichloroethene	7.123	130	140721	43.465	ug/l	96
64) Tetrachloroethene	9.275	164	6691	2.708	ug/l	93

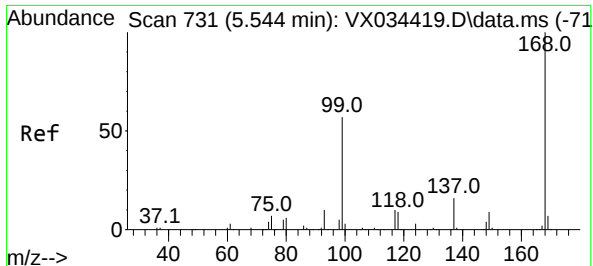
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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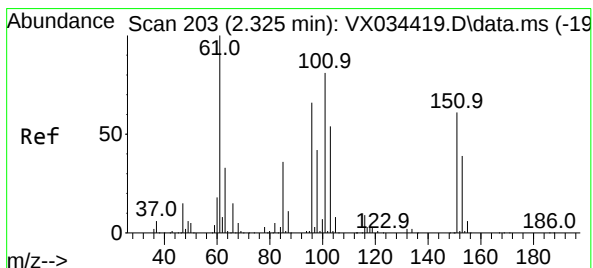
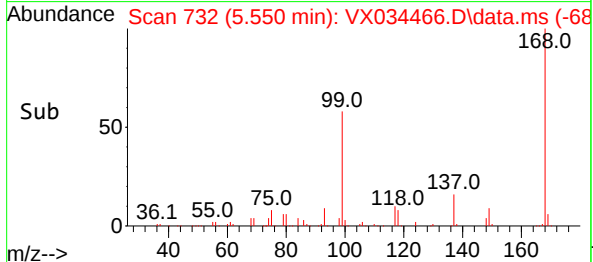
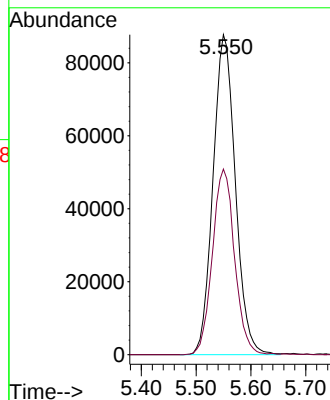
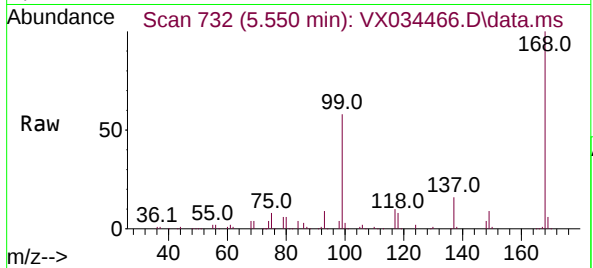




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

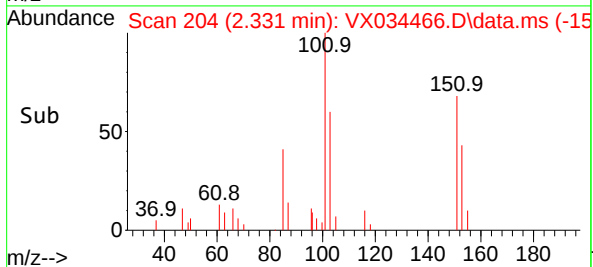
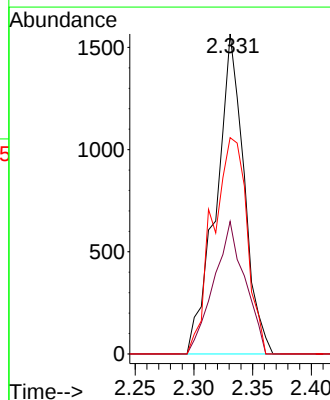
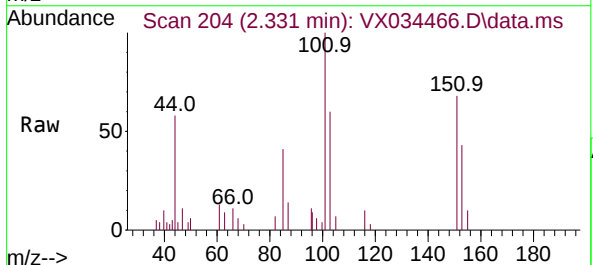
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20230310DL

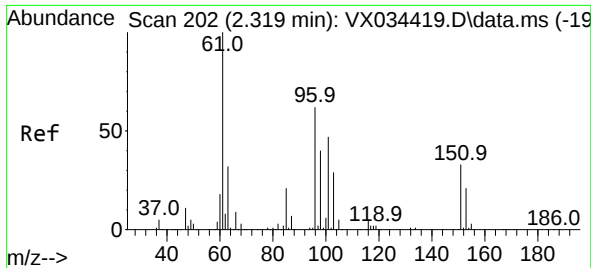
Tgt Ion:168 Resp: 248147
Ion Ratio Lower Upper
168 100
99 58.0 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.939 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

Tgt Ion:101 Resp: 2589
Ion Ratio Lower Upper
101 100
85 46.0 35.4 53.2
151 82.3 60.2 90.4

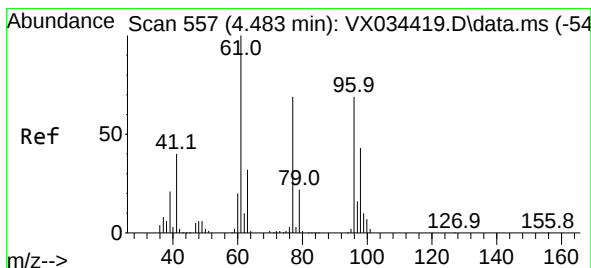
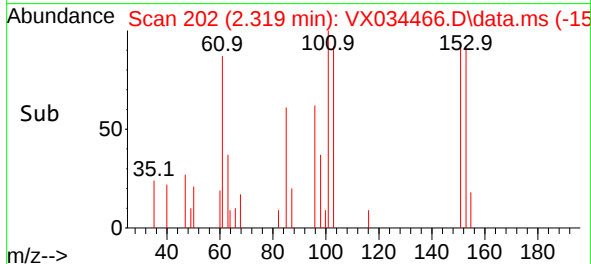
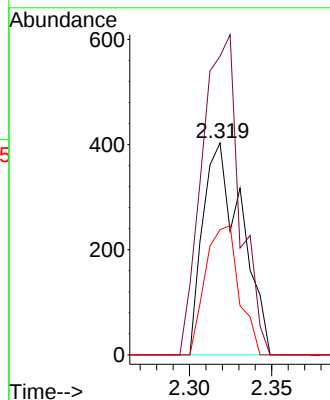
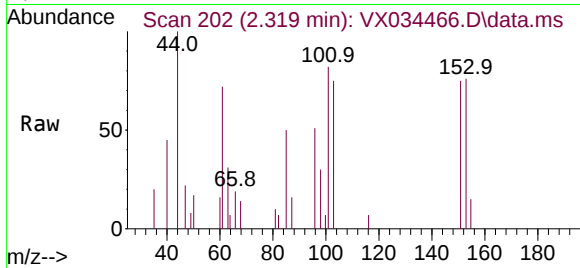




#12
1,1-Dichloroethene
Concen: 0.243 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

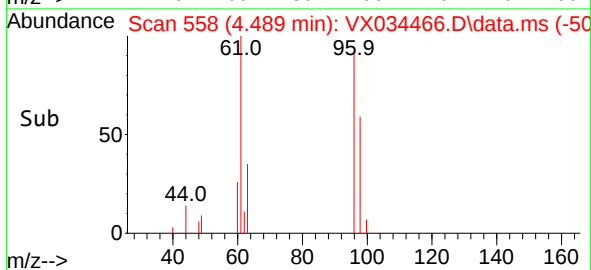
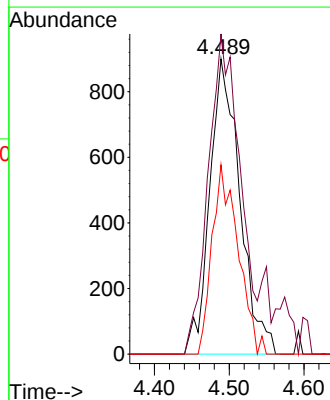
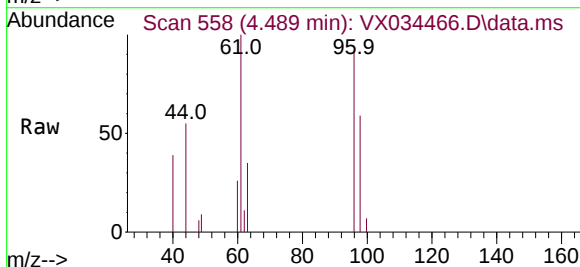
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20230310DL

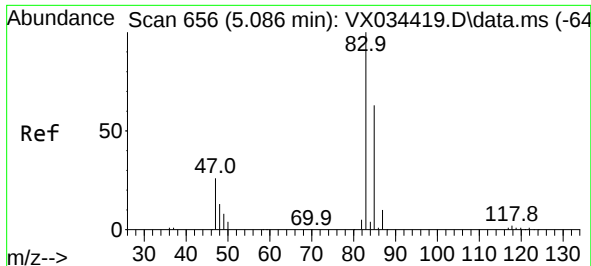
Tgt Ion: 96 Resp: 660
Ion Ratio Lower Upper
96 100
61 140.9 128.8 193.2
98 59.1 51.4 77.0



#27
cis-1,2-Dichloroethene
Concen: 0.725 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

Tgt Ion: 96 Resp: 2519
Ion Ratio Lower Upper
96 100
61 114.5 0.0 300.4
98 55.4 0.0 129.0





#30

Chloroform

Concen: 0.201 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX034466.D

Acq: 14 Mar 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

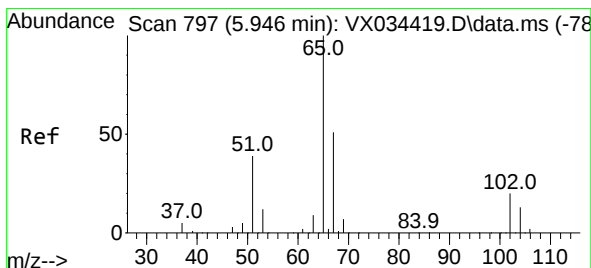
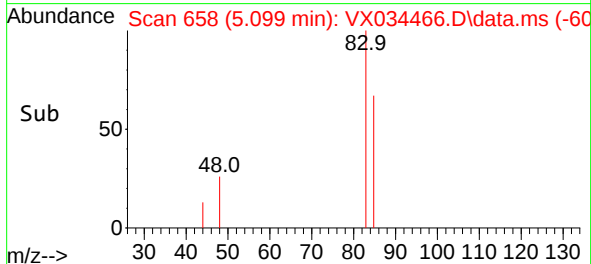
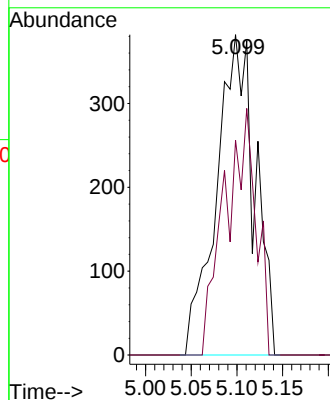
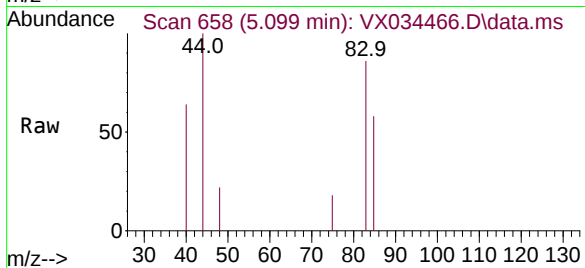
RE125D1-20230310DL

Tgt Ion: 83 Resp: 1113

Ion Ratio Lower Upper

83 100

85 67.0 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 45.505 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034466.D

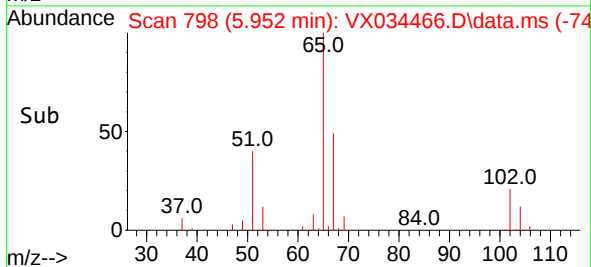
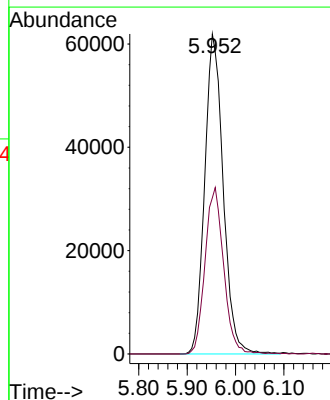
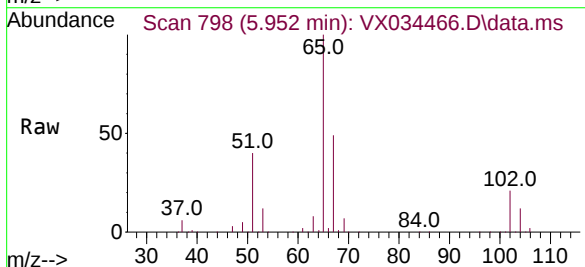
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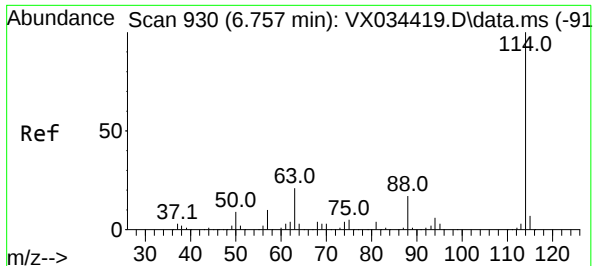
Tgt Ion: 65 Resp: 164275

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0

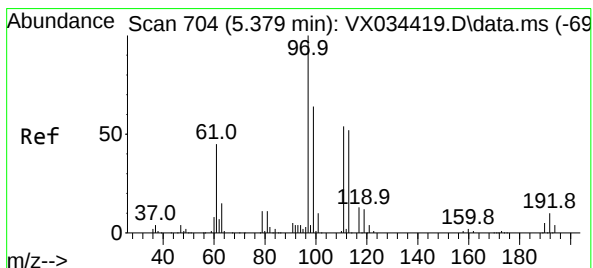
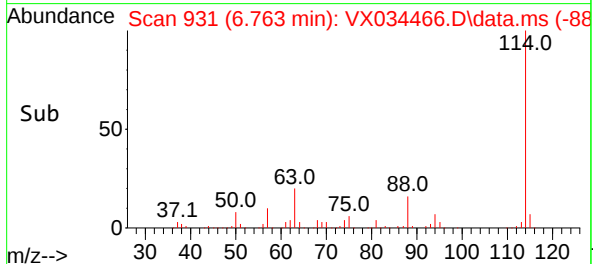
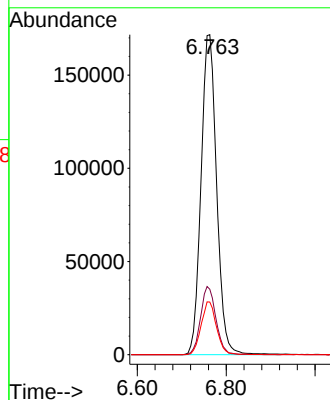
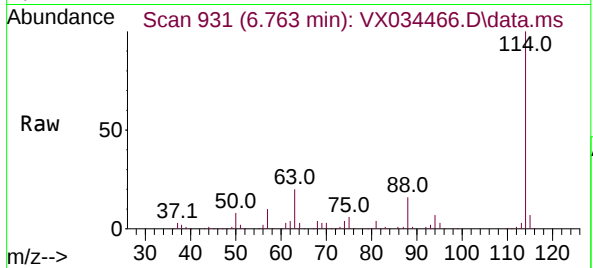




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

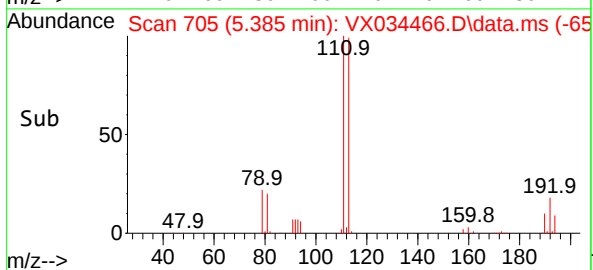
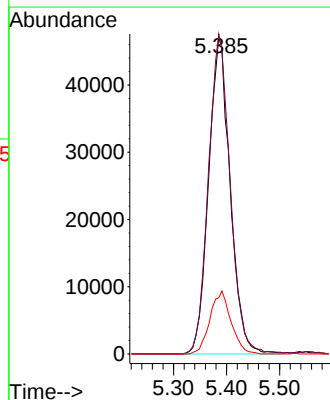
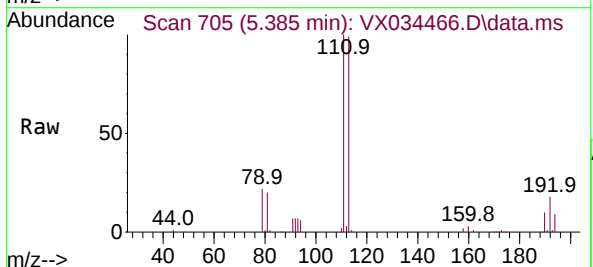
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20230310DL

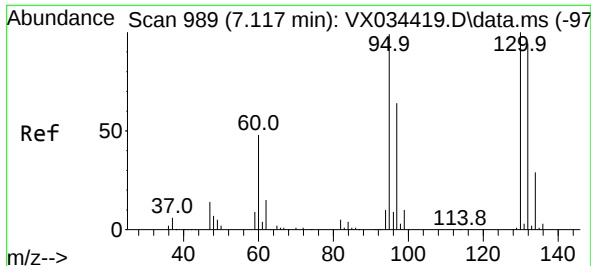
Tgt Ion:114 Resp: 420028
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.836 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

Tgt Ion:113 Resp: 132659
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 19.4 15.4 23.2

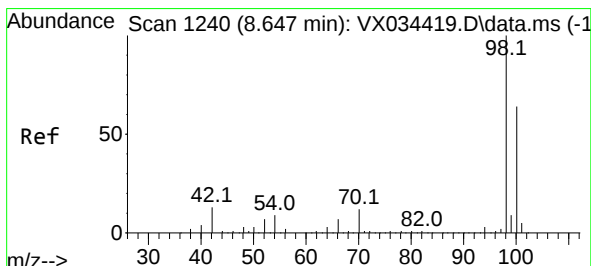
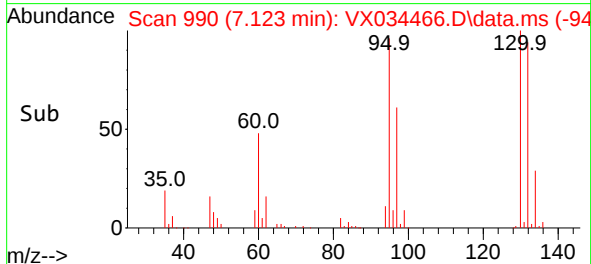
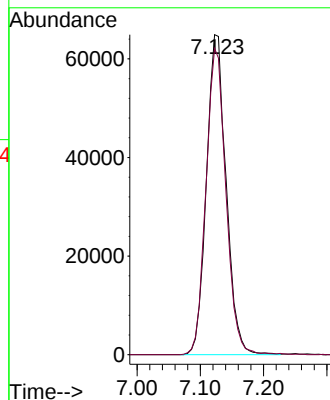
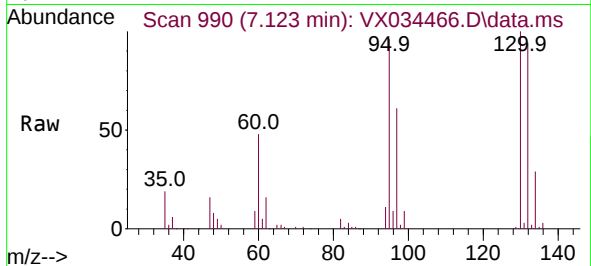




#44
Trichloroethene
Concen: 43.465 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

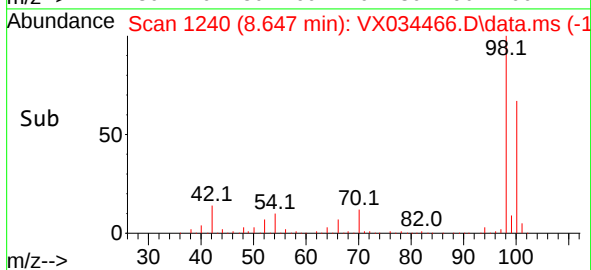
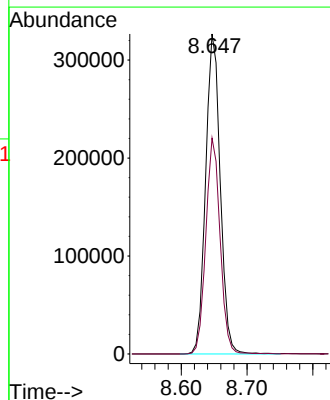
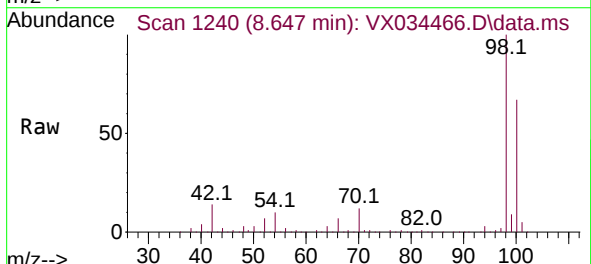
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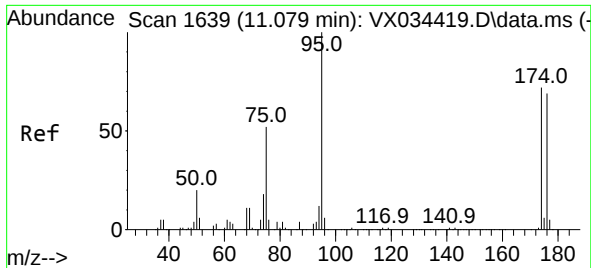
Tgt Ion:130 Resp: 140721
Ion Ratio Lower Upper
130 100
95 95.7 0.0 198.4



#50
Toluene-d8
Concen: 48.804 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

Tgt Ion: 98 Resp: 505249
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

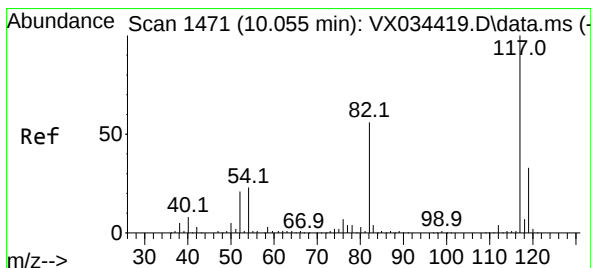
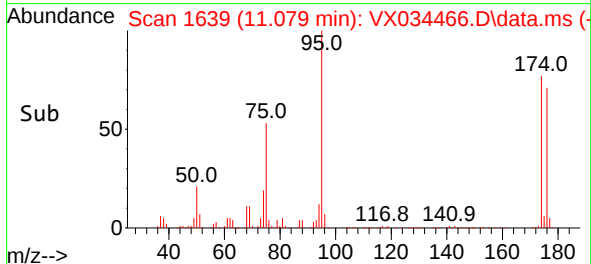
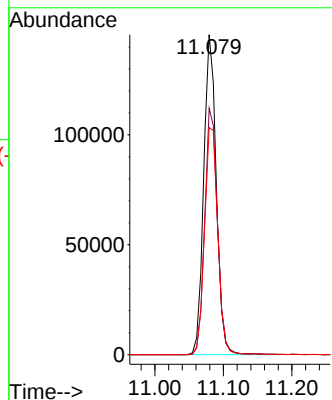
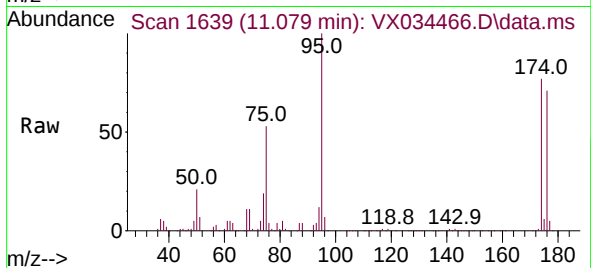




#62
4-Bromofluorobenzene
Concen: 44.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

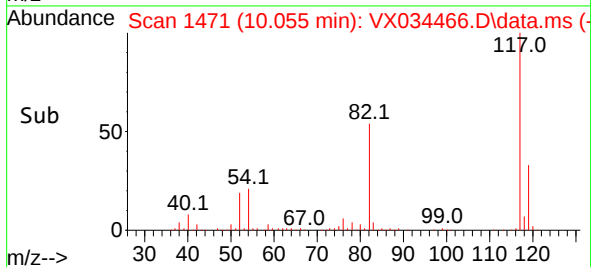
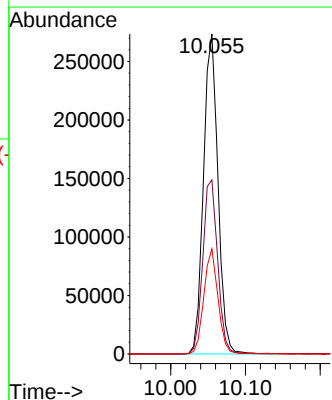
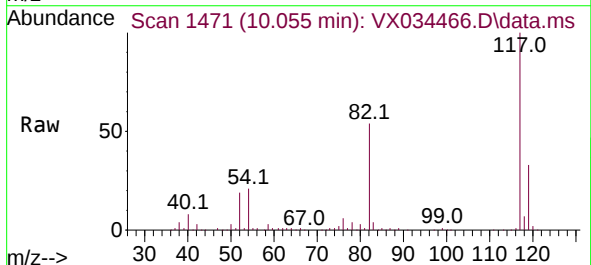
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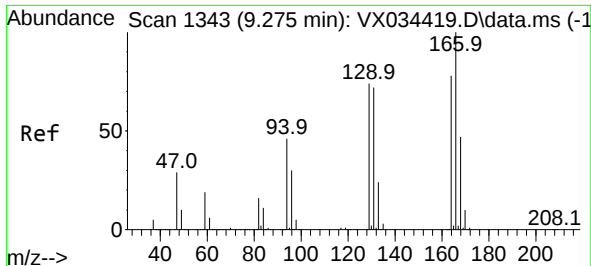
Tgt Ion: 95 Resp: 186550
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.4
176 74.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

Tgt Ion: 117 Resp: 367858
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.9 26.0 39.0



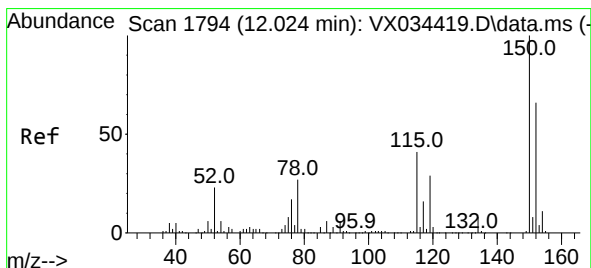
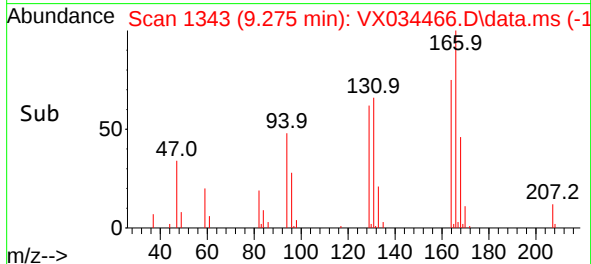
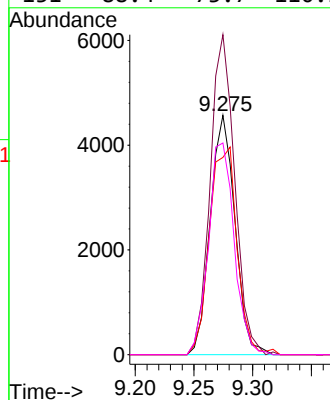
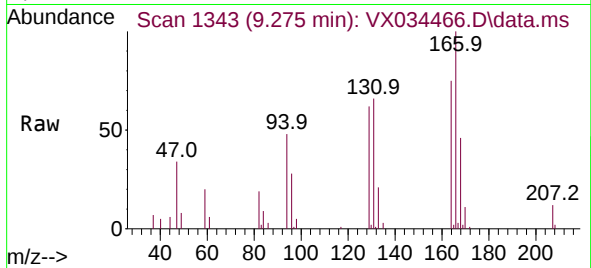


#64
Tetrachloroethene
Concen: 2.708 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034466.D
Acq: 14 Mar 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 6691

Ion	Ratio	Lower	Upper
164	100		
166	133.7	102.7	154.1
129	82.4	75.6	113.4
131	88.4	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: VX034466.D
Acq: 14 Mar 2023 15:43

Tgt Ion:152 Resp: 154330

Ion	Ratio	Lower	Upper
152	100		
115	60.1	45.0	135.0
150	156.1	0.0	352.4

