

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034549.D
 Acq On : 16 Mar 2023 16:35
 Operator : JC/MD
 Sample : 01903-16DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20230312DL

Quant Time: Mar 17 06:27:35 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)

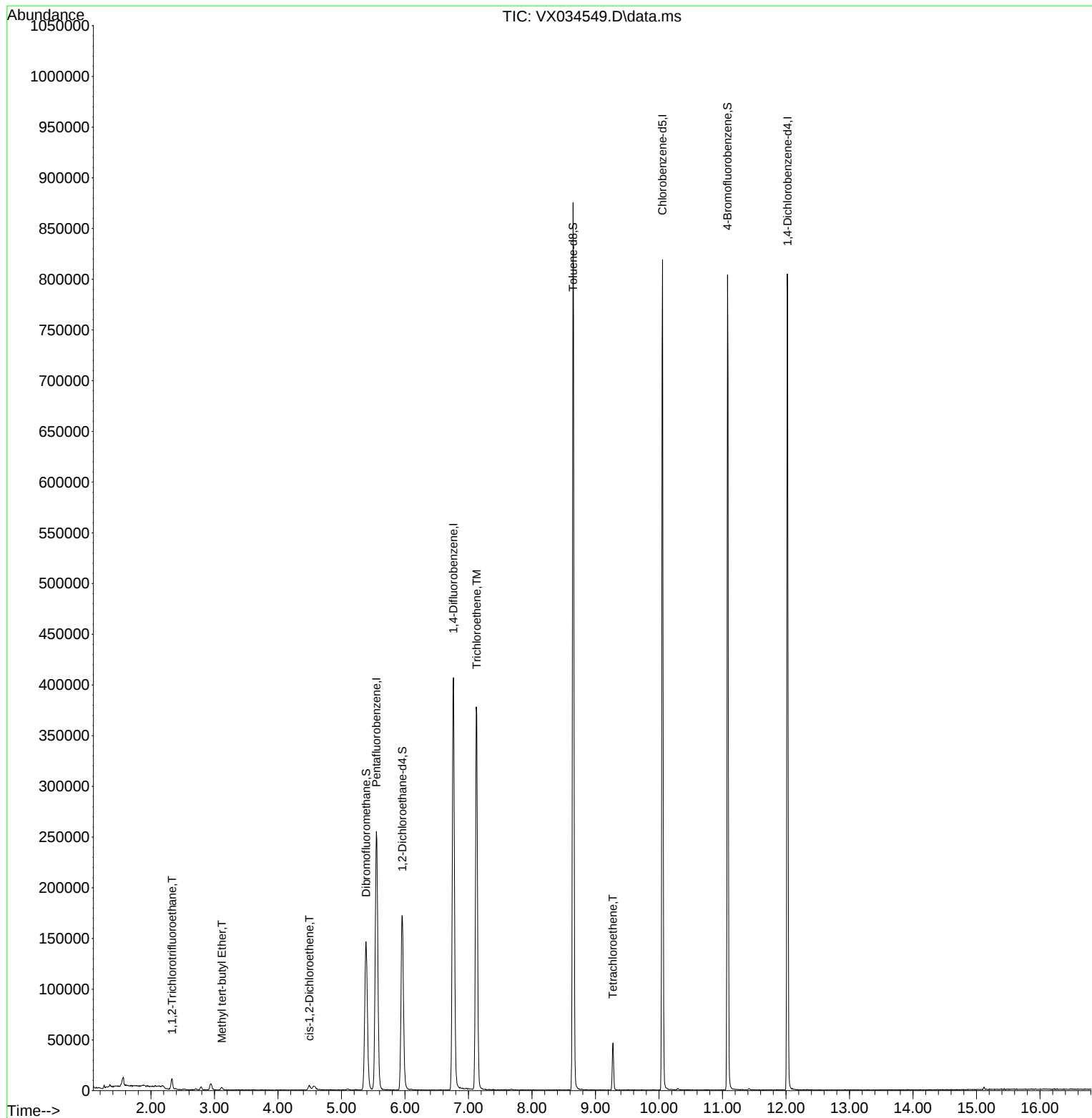
Internal Standards						
1) Pentafluorobenzene	5.550	168	241795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	405725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165514	47.053	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.100%
35) Dibromofluoromethane	5.385	113	127561	47.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	8.647	98	493035	49.303	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.600%
62) 4-Bromofluorobenzene	11.079	95	216446	53.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.180%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3960	1.473	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	2327	0.246	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	2740	0.810	ug/l	82
44) Trichloroethene	7.129	130	142023	45.413	ug/l	97
64) Tetrachloroethene	9.275	164	8558	3.597	ug/l	98

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

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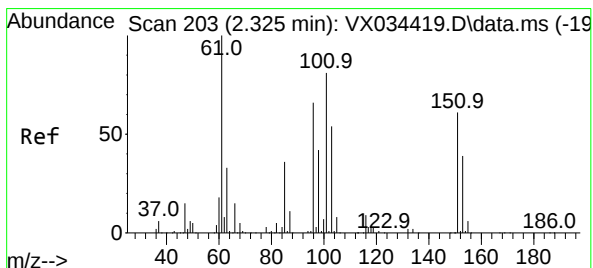
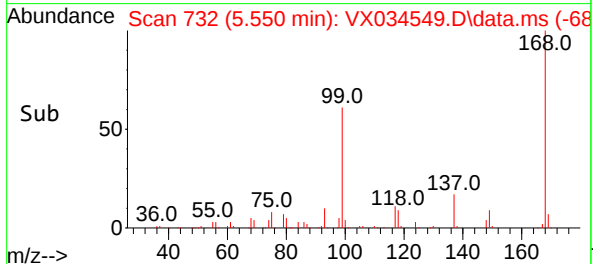
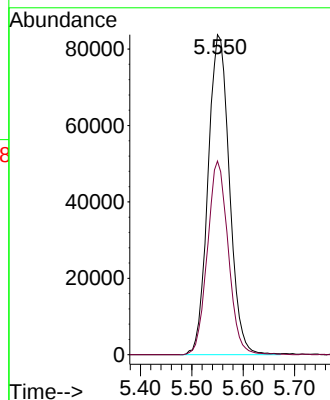
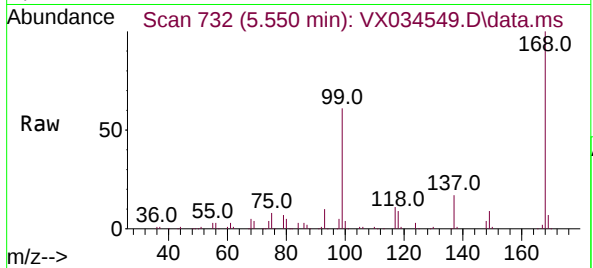




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034549.D
Acq: 16 Mar 2023 16:35

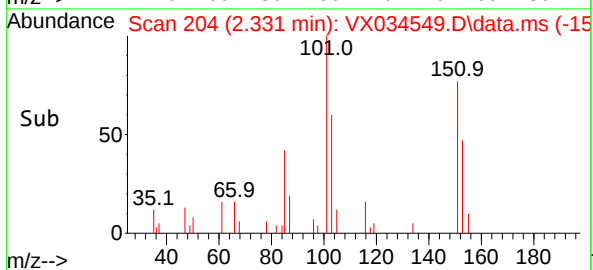
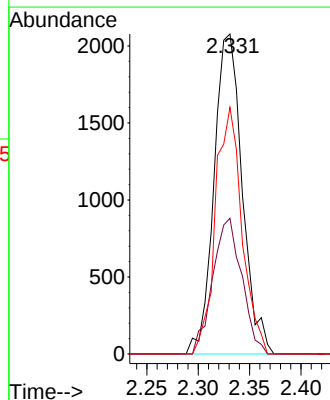
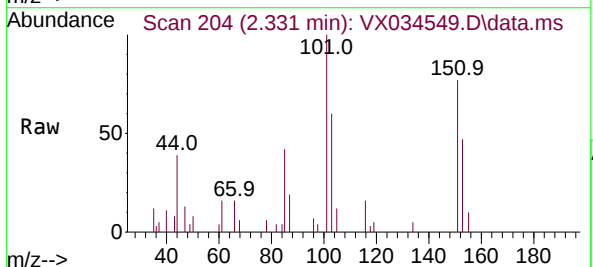
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312DL

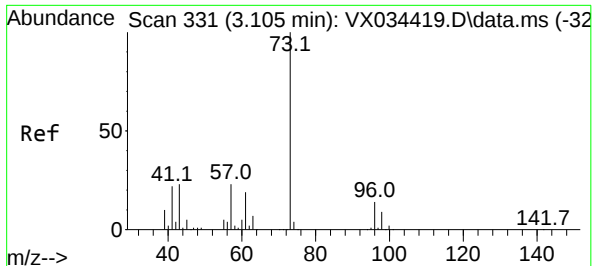
Tgt Ion:168 Resp: 241795
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.473 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034549.D
Acq: 16 Mar 2023 16:35

Tgt Ion:101 Resp: 3960
Ion Ratio Lower Upper
101 100
85 43.6 35.4 53.2
151 72.4 60.2 90.4

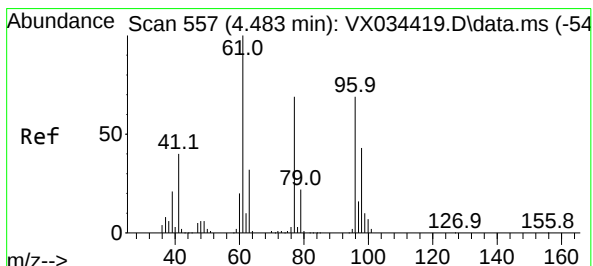
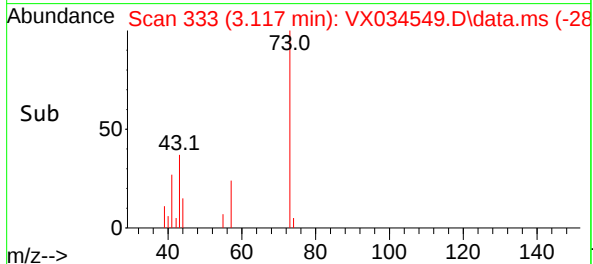
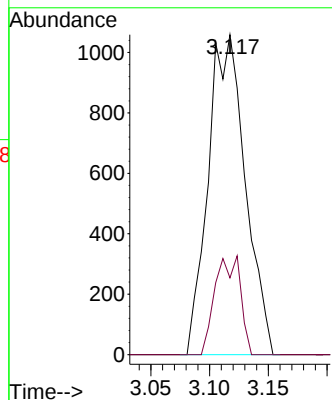
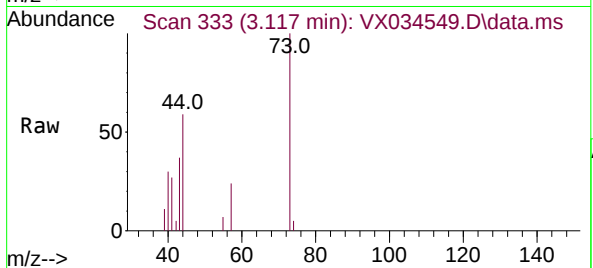




#19
Methyl tert-butyl Ether
Concen: 0.246 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX034549.D
Acq: 16 Mar 2023 16:35

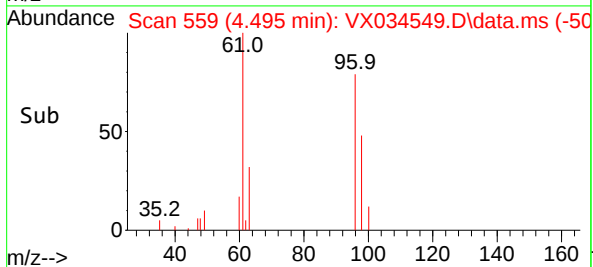
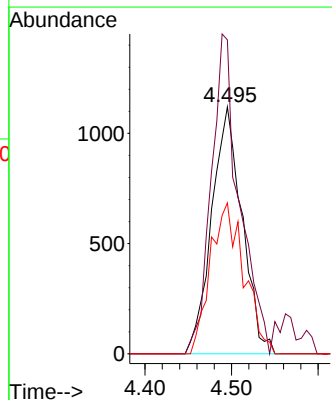
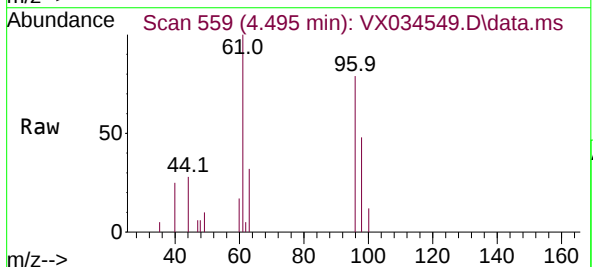
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230312DL

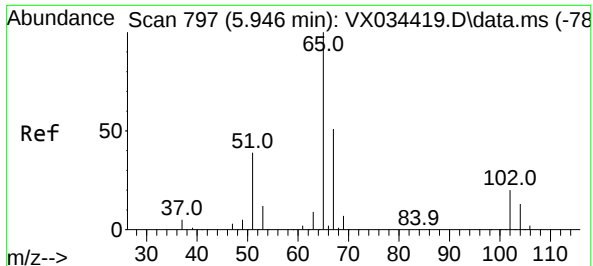
Tgt Ion: 73 Resp: 2327
Ion Ratio Lower Upper
73 100
57 24.0 18.5 27.7



#27
cis-1,2-Dichloroethene
Concen: 0.810 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX034549.D
Acq: 16 Mar 2023 16:35

Tgt Ion: 96 Resp: 2740
Ion Ratio Lower Upper
96 100
61 119.5 0.0 300.4
98 67.6 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 47.053 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034549.D

Acq: 16 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

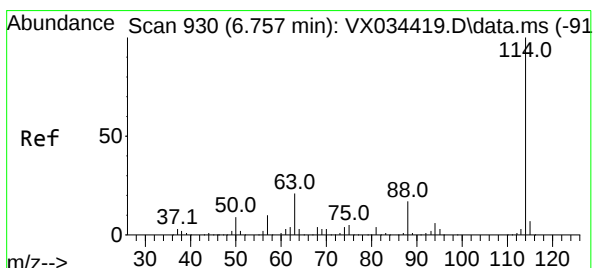
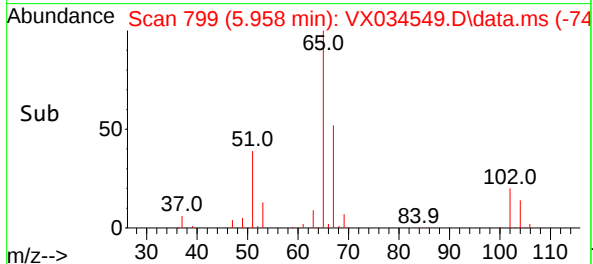
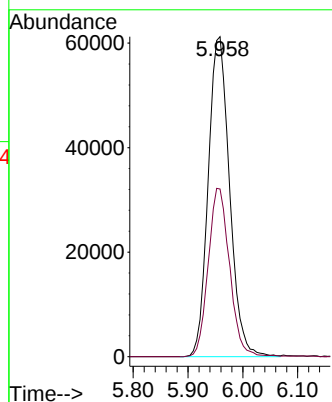
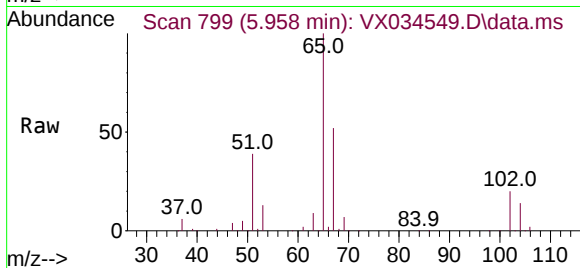
RE131D1-20230312DL

Tgt Ion: 65 Resp: 165514

Ion Ratio Lower Upper

65 100

67 52.7 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: VX034549.D

Acq: 16 Mar 2023 16:35

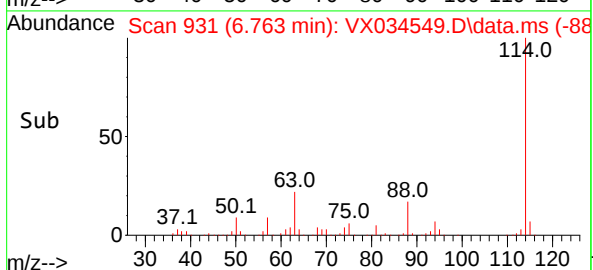
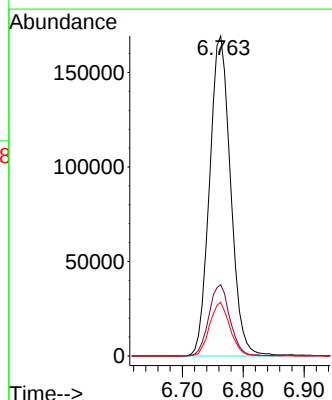
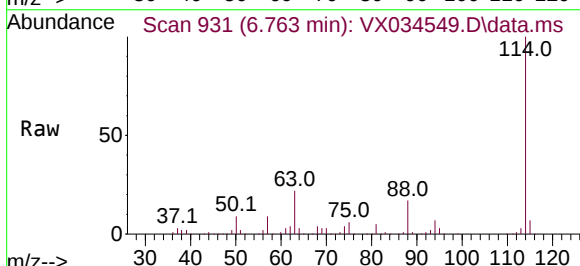
Tgt Ion: 114 Resp: 405725

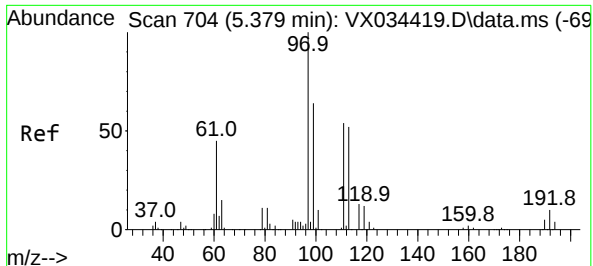
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.619 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034549.D

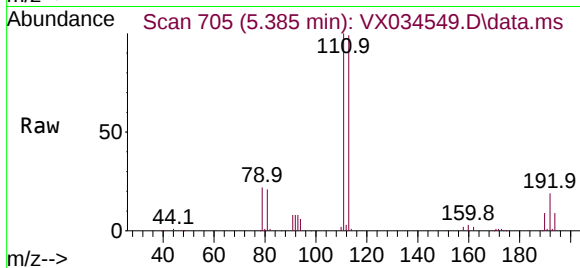
Acq: 16 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20230312DL



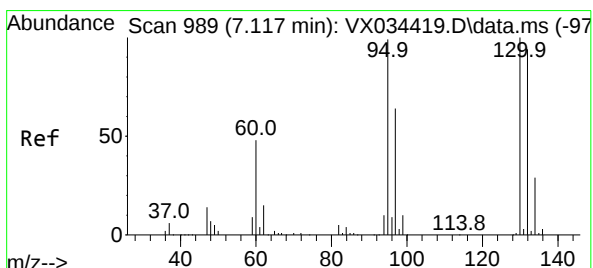
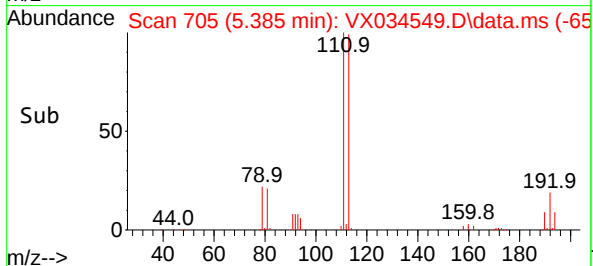
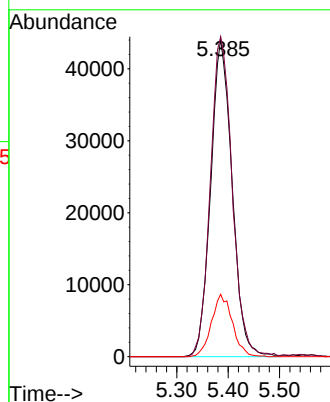
Tgt Ion:113 Resp: 127561

Ion Ratio Lower Upper

113 100

111 102.9 83.7 125.5

192 19.2 15.4 23.2



#44

Trichloroethene

Concen: 45.413 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX034549.D

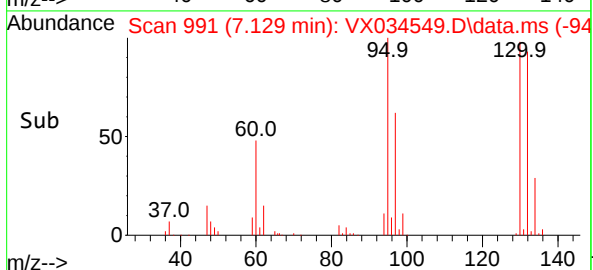
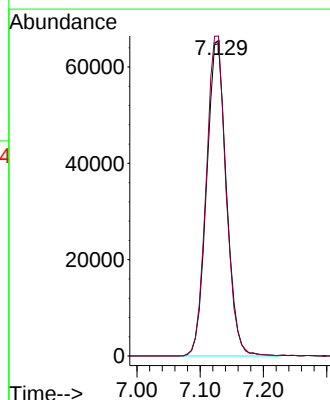
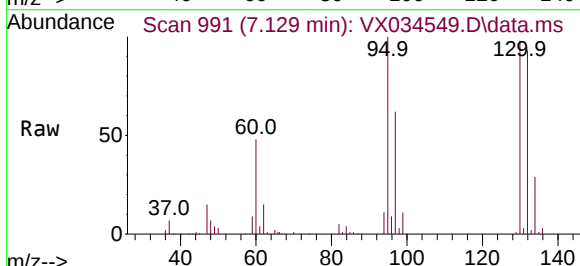
Acq: 16 Mar 2023 16:35

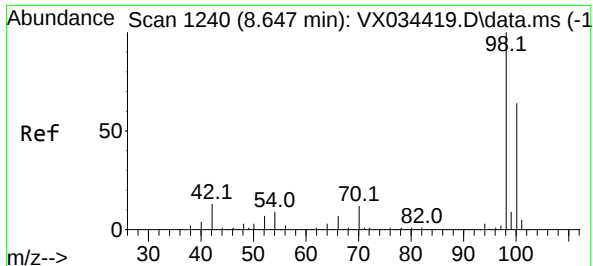
Tgt Ion:130 Resp: 142023

Ion Ratio Lower Upper

130 100

95 102.5 0.0 198.4

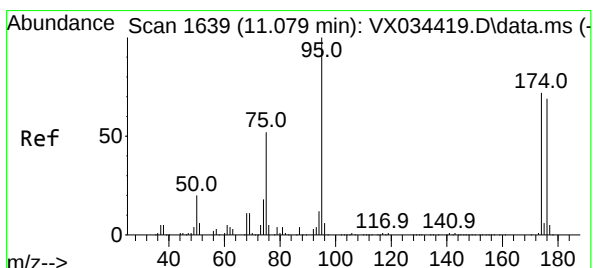
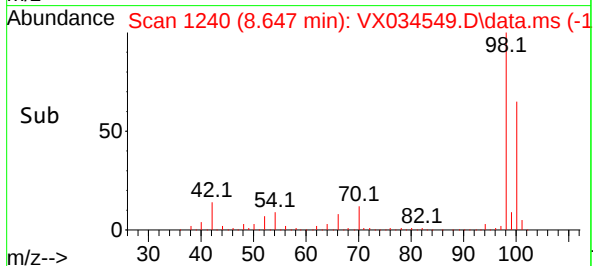
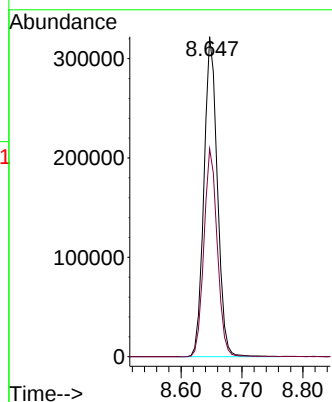
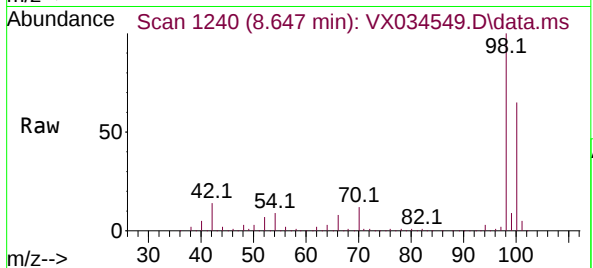




#50
Toluene-d8
Concen: 49.303 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034549.D
Acq: 16 Mar 2023 16:35

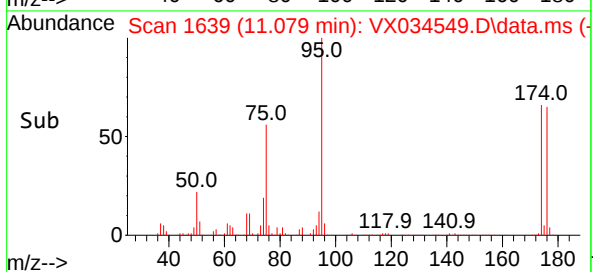
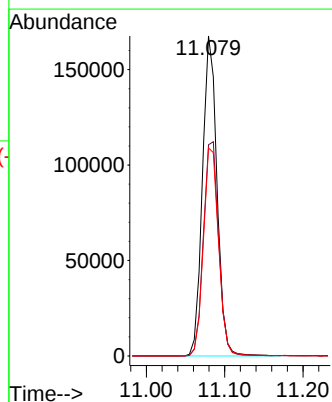
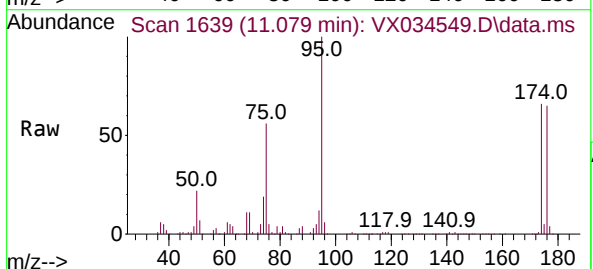
Instrument :
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RE131D1-20230312DL

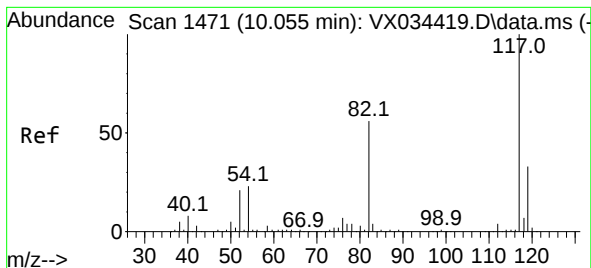
Tgt Ion: 98 Resp: 493035
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034549.D
Acq: 16 Mar 2023 16:35

Tgt Ion: 95 Resp: 216446
Ion Ratio Lower Upper
95 100
174 70.4 0.0 147.4
176 67.9 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: VX034549.D

Acq: 16 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20230312DL

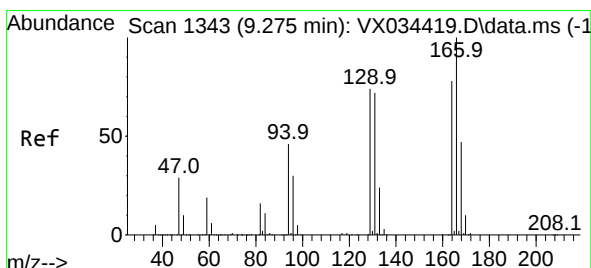
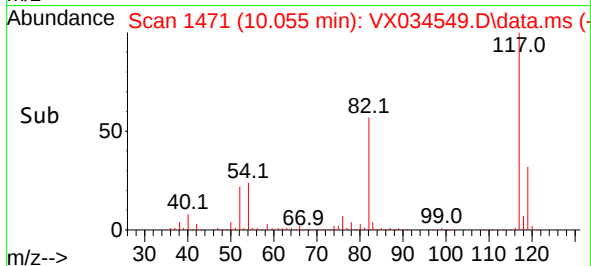
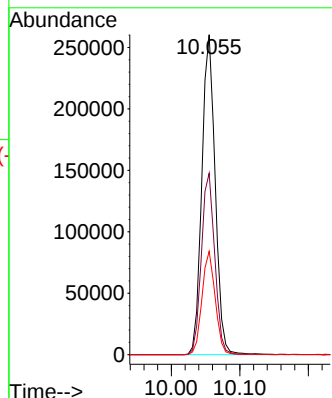
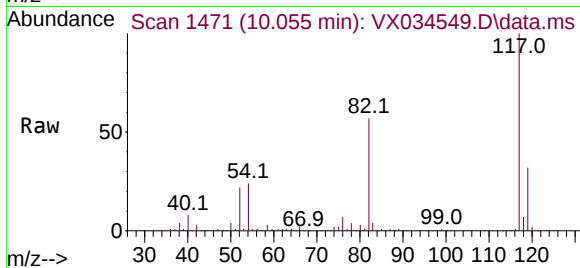
Tgt Ion:117 Resp: 354163

Ion Ratio Lower Upper

117 100

82 56.7 45.0 67.4

119 32.3 26.0 39.0



#64

Tetrachloroethene

Concen: 3.597 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX034549.D

Acq: 16 Mar 2023 16:35

Tgt Ion:164 Resp: 8558

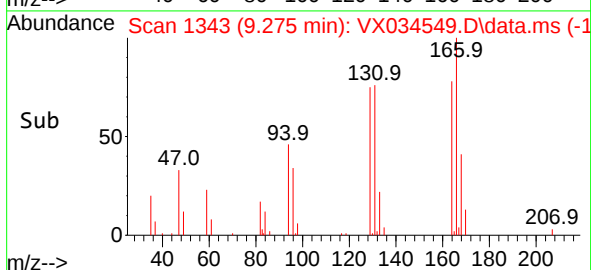
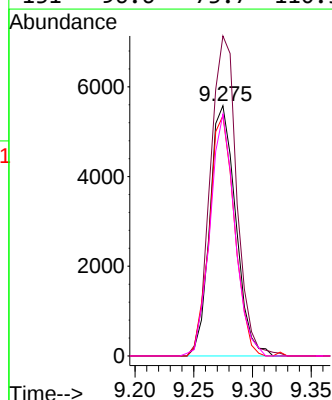
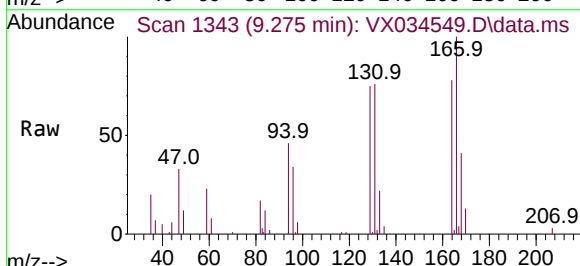
Ion Ratio Lower Upper

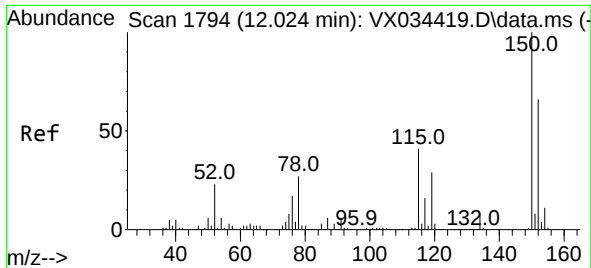
164 100

166 127.9 102.7 154.1

129 96.0 75.6 113.4

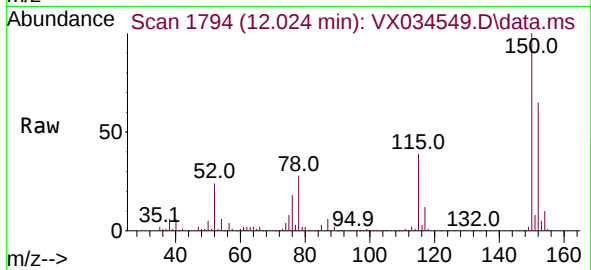
131 96.6 73.7 110.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034549.D
 Acq: 16 Mar 2023 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 164736
 Ion Ratio Lower Upper
 152 100
 115 61.3 45.0 135.0
 150 155.0 0.0 352.4

