

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034670.D
 Acq On : 22 Mar 2023 14:25
 Operator : JC/MD
 Sample : 01941-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20230314

Quant Time: Mar 23 07:53:54 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)

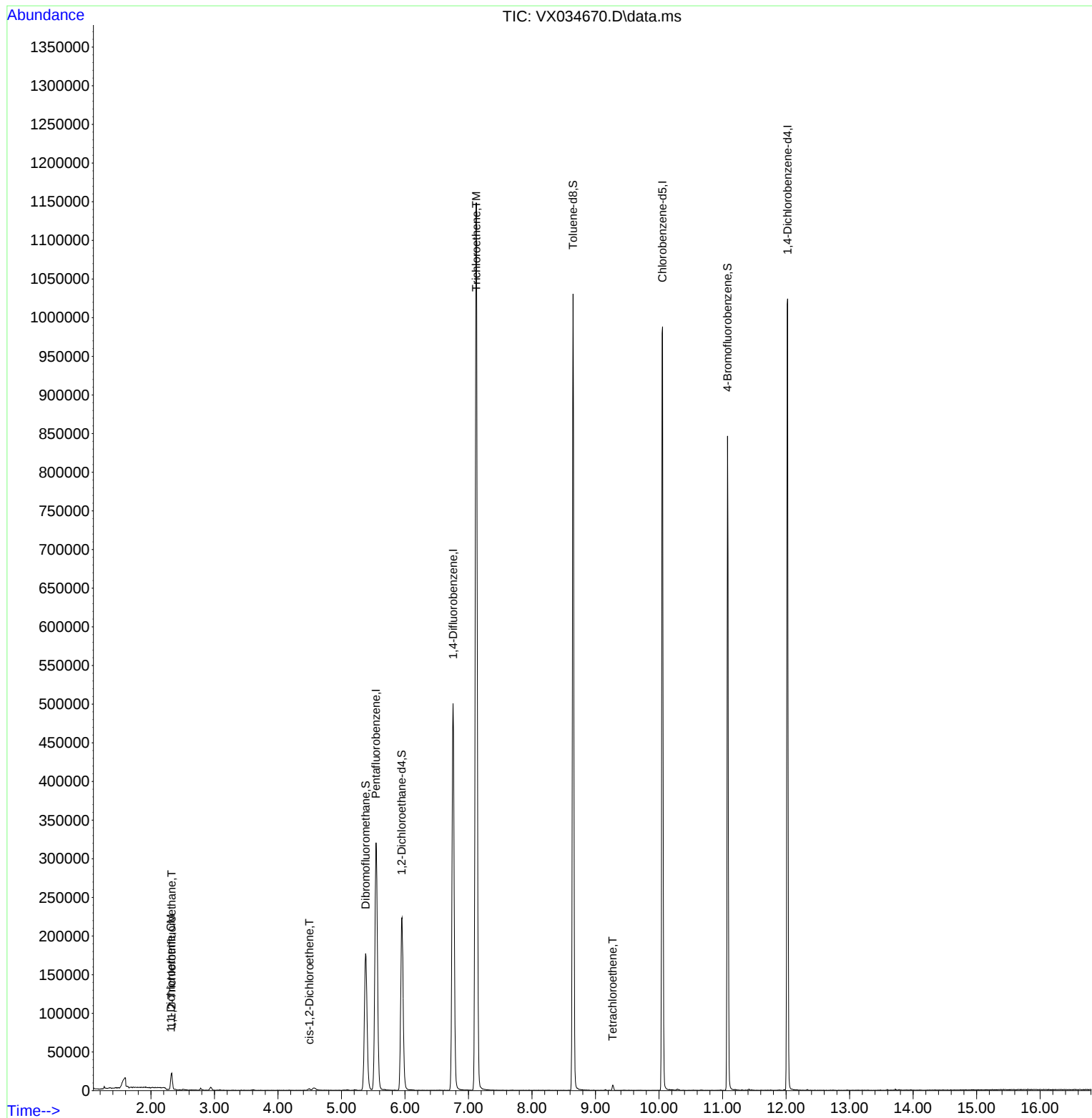
Internal Standards						
1) Pentafluorobenzene	5.544	168	303578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	508157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	210930	47.760	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.520%
35) Dibromofluoromethane	5.379	113	154007	45.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.800%
50) Toluene-d8	8.647	98	590342	47.134	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.260%
62) 4-Bromofluorobenzene	11.079	95	212050	41.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.820%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	6056	1.795	ug/l	93
12) 1,1-Dichloroethene	2.313	96	2617	0.787	ug/l #	67
27) cis-1,2-Dichloroethene	4.495	96	1365	0.321	ug/l	85
44) Trichloroethene	7.123	130	439388	112.178	ug/l	98
64) Tetrachloroethene	9.269	164	1298	0.432	ug/l #	89

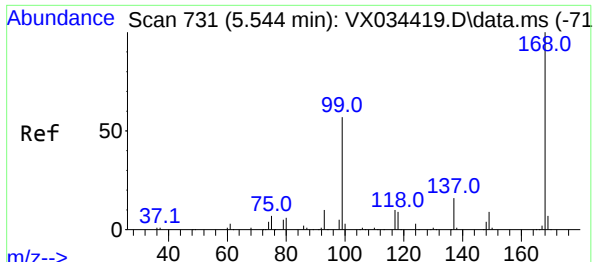
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

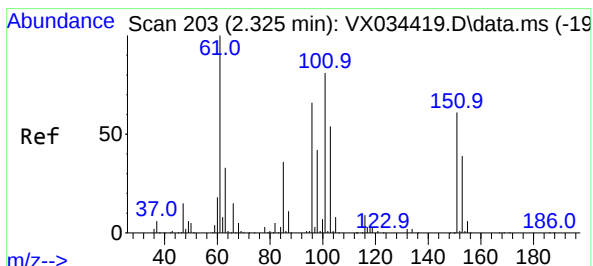
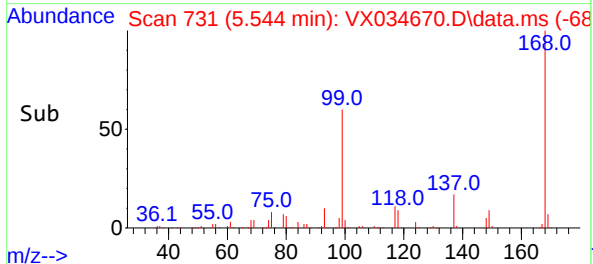
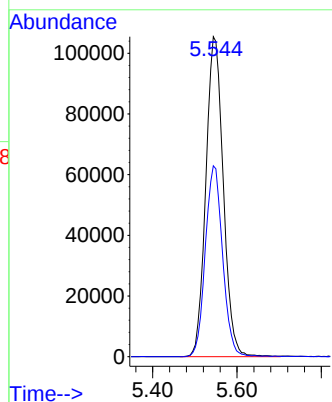
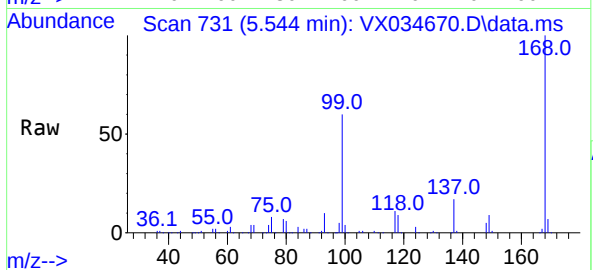




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

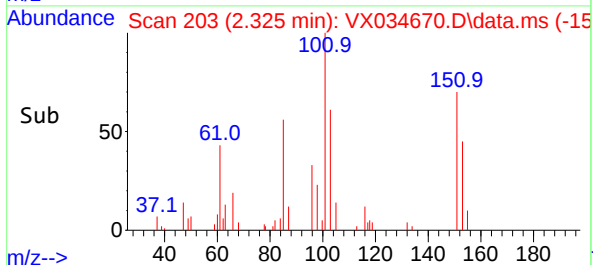
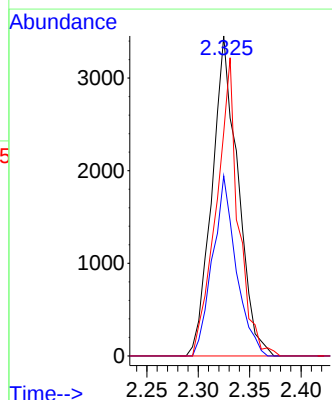
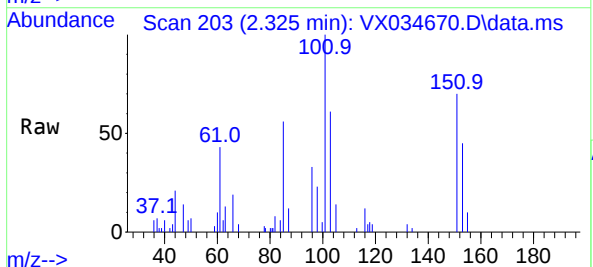
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230314

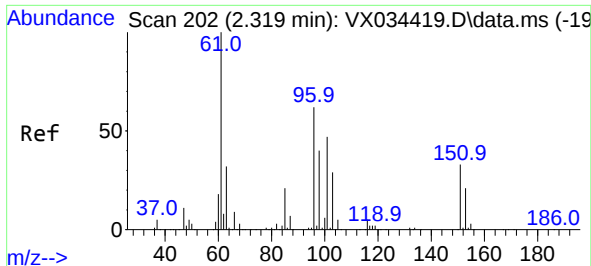
Tgt Ion:168 Resp: 303578
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.795 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion:101 Resp: 6056
Ion Ratio Lower Upper
101 100
85 51.2 35.4 53.2
151 79.3 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.787 ug/l

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX034670.D

Acq: 22 Mar 2023 14:25

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20230314

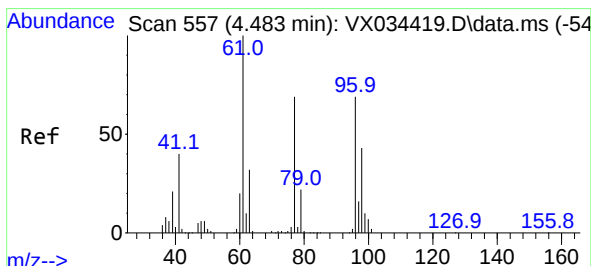
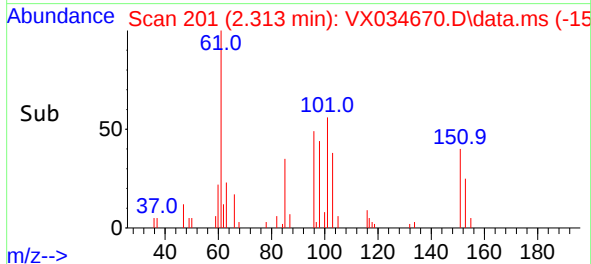
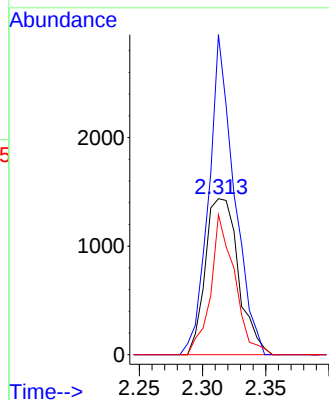
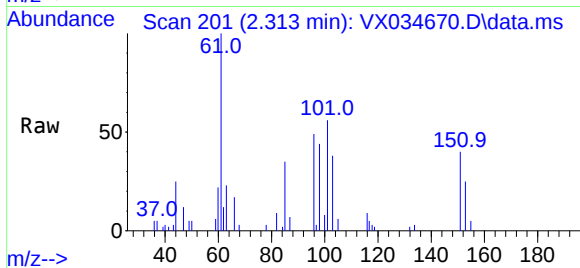
Tgt Ion: 96 Resp: 2617

Ion Ratio Lower Upper

96 100

61 205.1 128.8 193.2#

98 89.8 51.4 77.0#



#27

cis-1,2-Dichloroethene

Concen: 0.321 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX034670.D

Acq: 22 Mar 2023 14:25

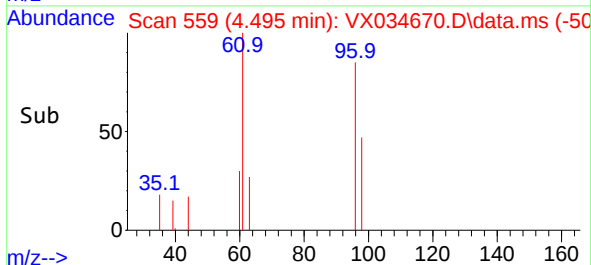
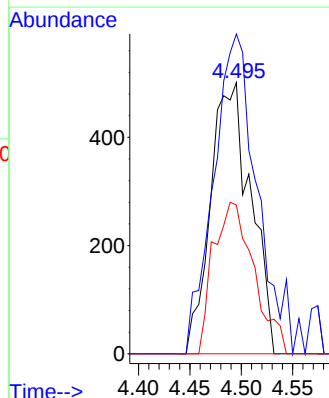
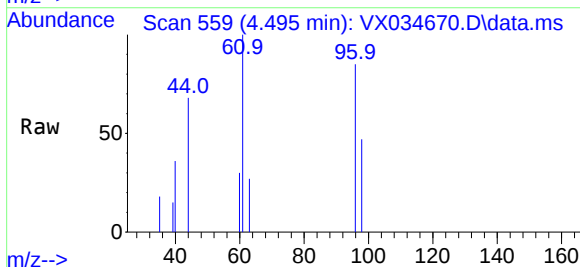
Tgt Ion: 96 Resp: 1365

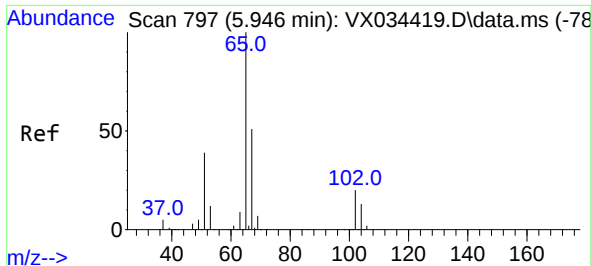
Ion Ratio Lower Upper

96 100

61 128.6 0.0 300.4

98 56.1 0.0 129.0

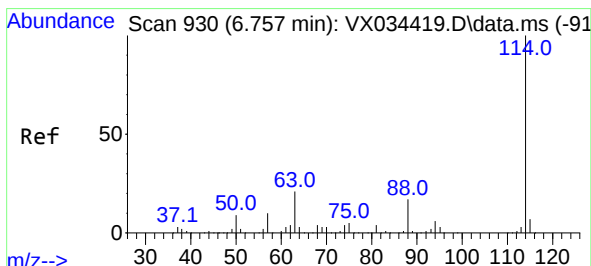
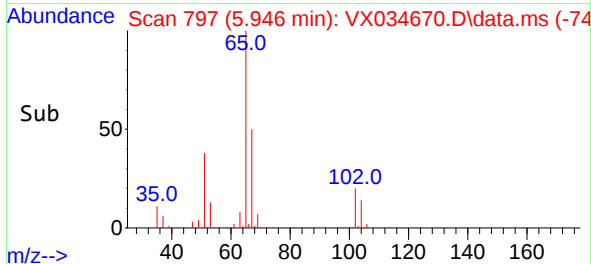
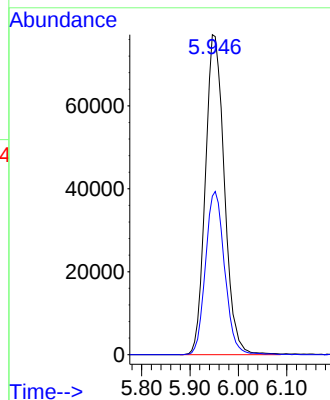
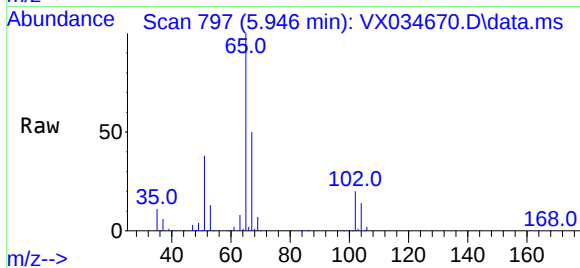




#33
 1,2-Dichloroethane-d4
 Concen: 47.760 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX034670.D
 Acq: 22 Mar 2023 14:25

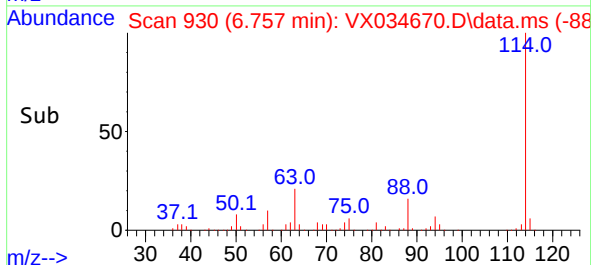
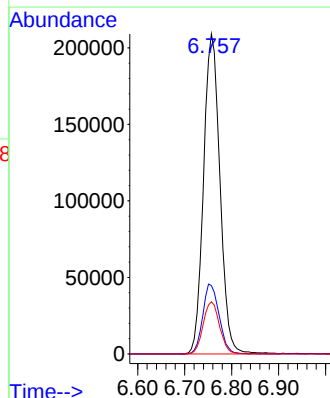
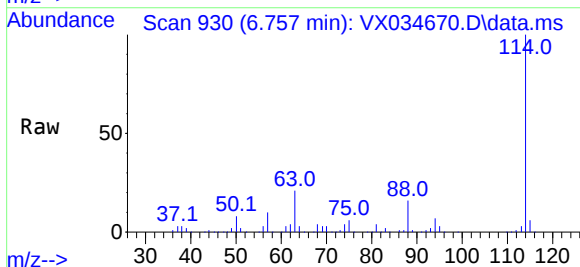
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20230314

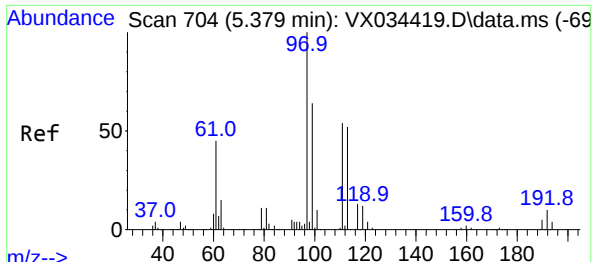
Tgt Ion: 65 Resp: 210930
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034670.D
 Acq: 22 Mar 2023 14:25

Tgt Ion: 114 Resp: 508157
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.2
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.902 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034670.D

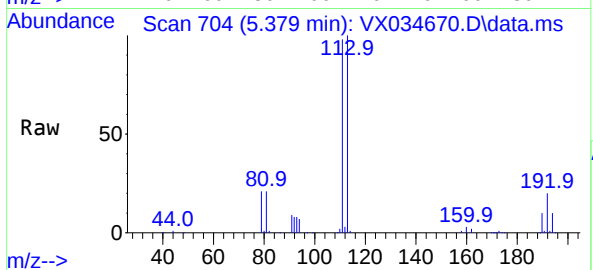
Acq: 22 Mar 2023 14:25

Instrument :

MSVOA_X

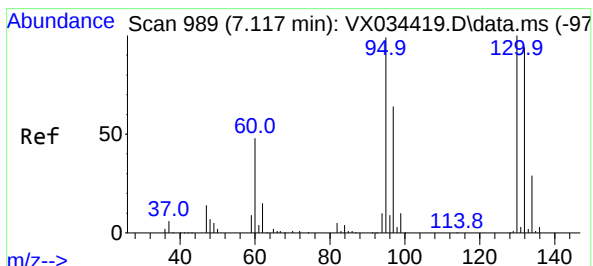
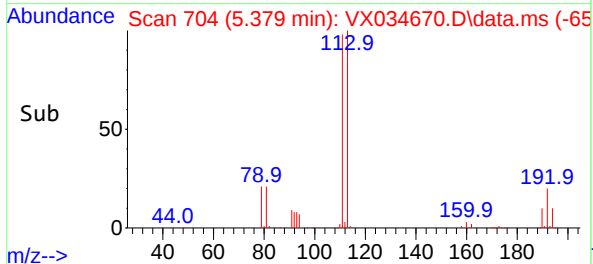
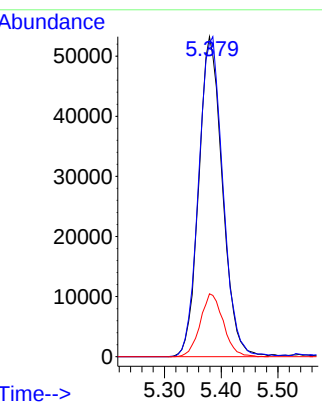
ClientSampleId :

TT101D2-20230314



Tgt Ion:113 Resp: 154007

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.7	125.5
192	19.2	15.4	23.2



#44

Trichloroethene

Concen: 112.178 ug/l

RT: 7.123 min Scan# 990

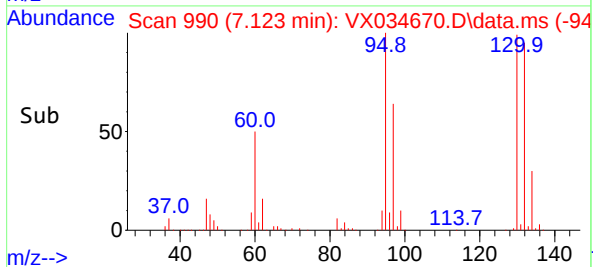
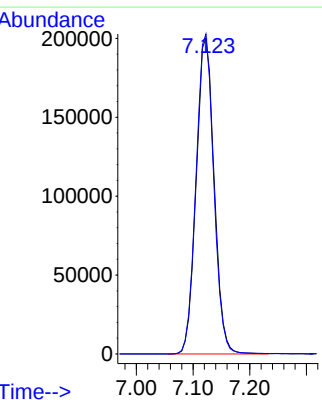
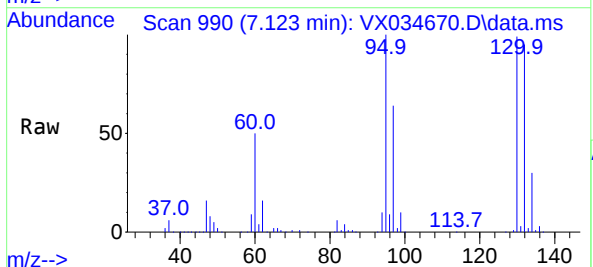
Delta R.T. 0.006 min

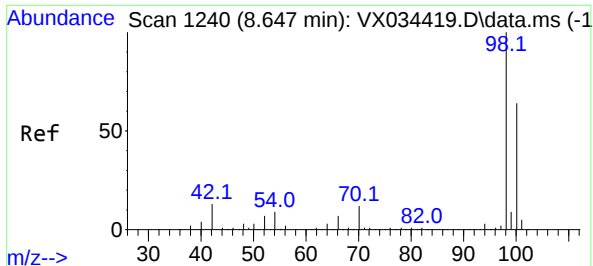
Lab File: VX034670.D

Acq: 22 Mar 2023 14:25

Tgt Ion:130 Resp: 439388

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	198.4

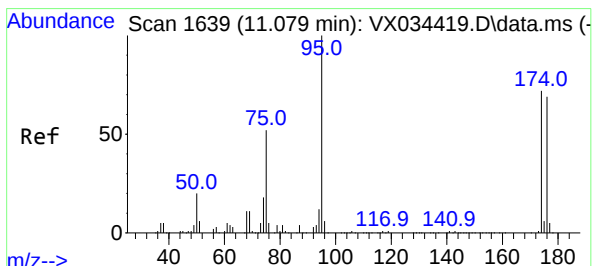
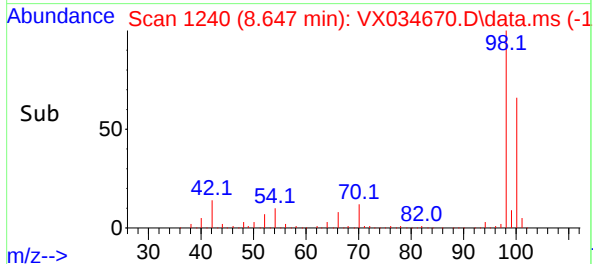
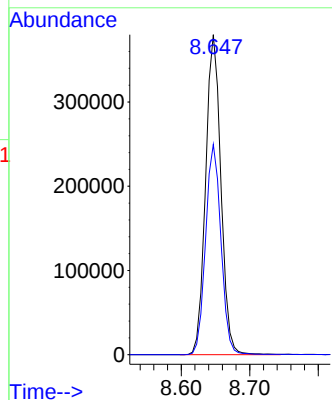
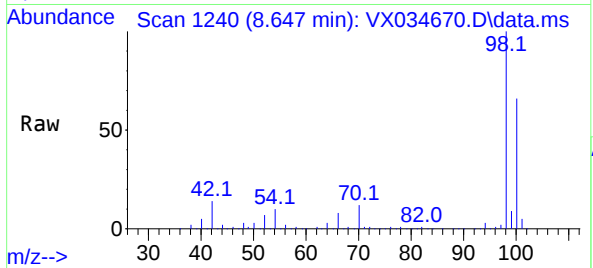




#50
Toluene-d8
Concen: 47.134 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

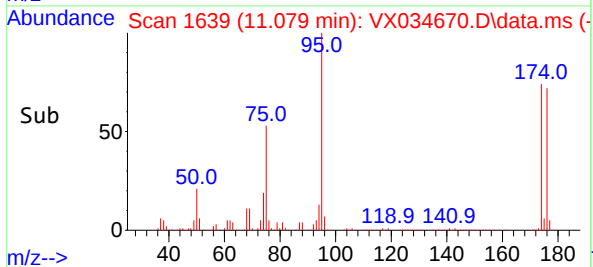
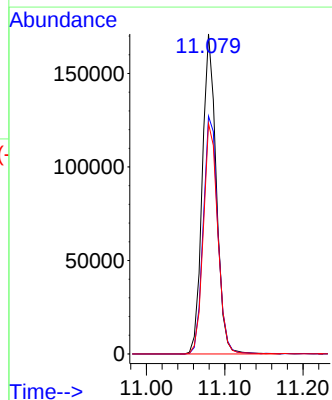
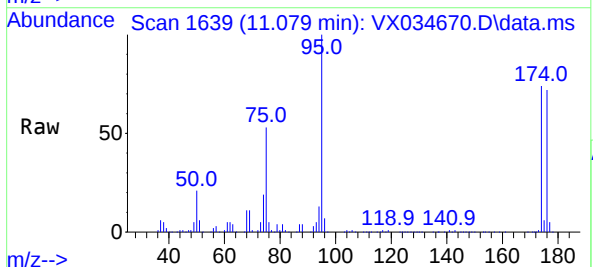
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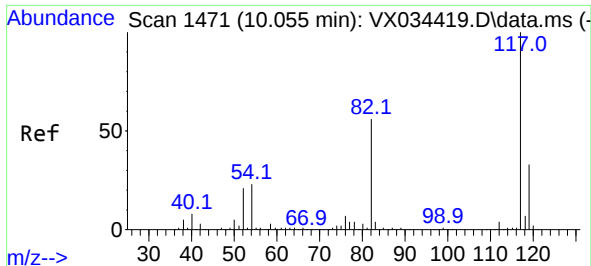
Tgt Ion: 98 Resp: 590342
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

Tgt Ion: 95 Resp: 212050
Ion Ratio Lower Upper
95 100
174 77.4 0.0 147.4
176 74.1 0.0 140.6

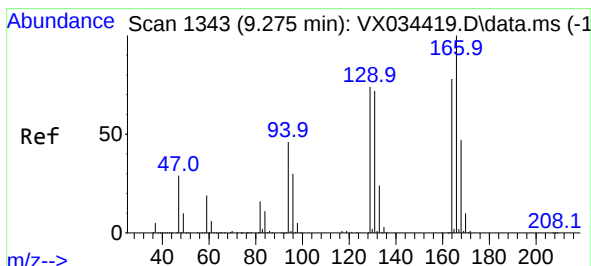
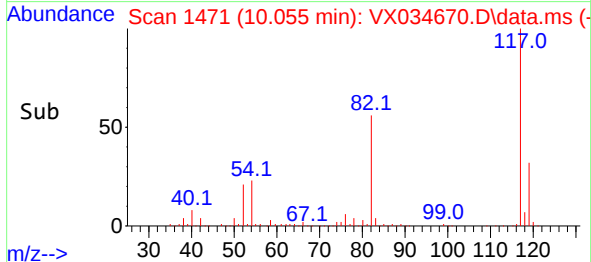
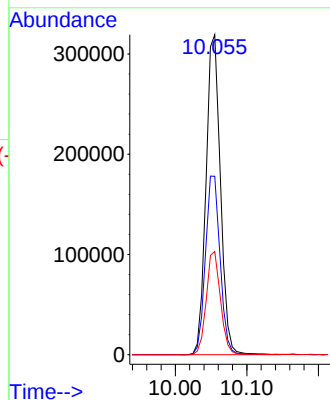
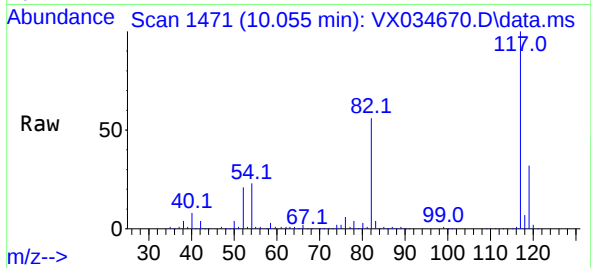




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

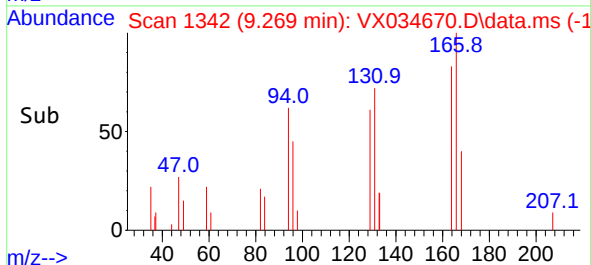
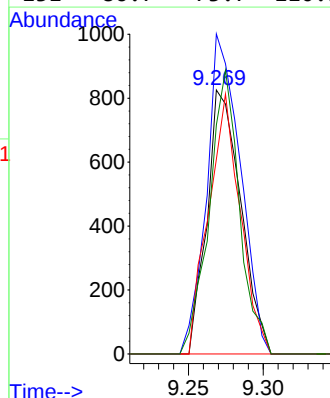
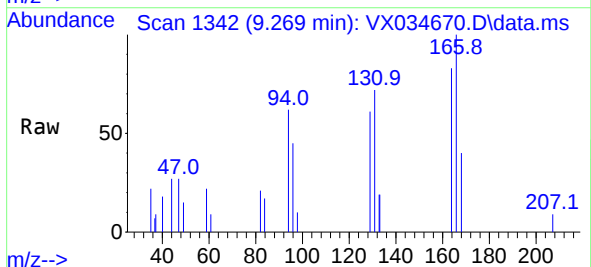
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TT101D2-20230314

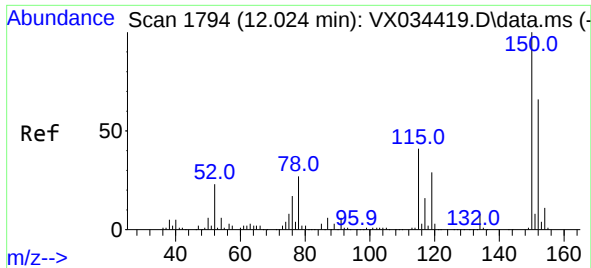
Tgt Ion:117 Resp: 446994
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 0.432 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034670.D
Acq: 22 Mar 2023 14:25

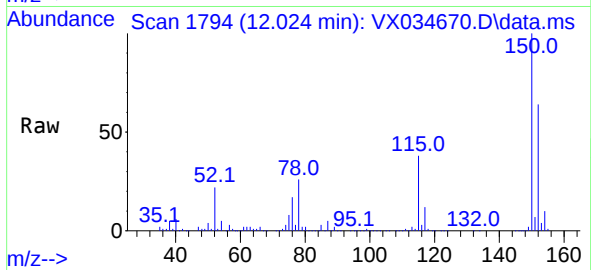
Tgt Ion:164 Resp: 1298
Ion Ratio Lower Upper
164 100
166 121.2 102.7 154.1
129 73.7 75.6 113.4#
131 86.7 73.7 110.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034670.D
 Acq: 22 Mar 2023 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20230314



Tgt Ion:152 Resp: 211765
 Ion Ratio Lower Upper
 152 100
 115 60.0 45.0 135.0
 150 157.0 0.0 352.4

