

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037276.D
 Acq On : 25 Aug 2023 17:10
 Operator : JC/MD
 Sample : 04095-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20230818

Quant Time: Aug 26 02:23:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

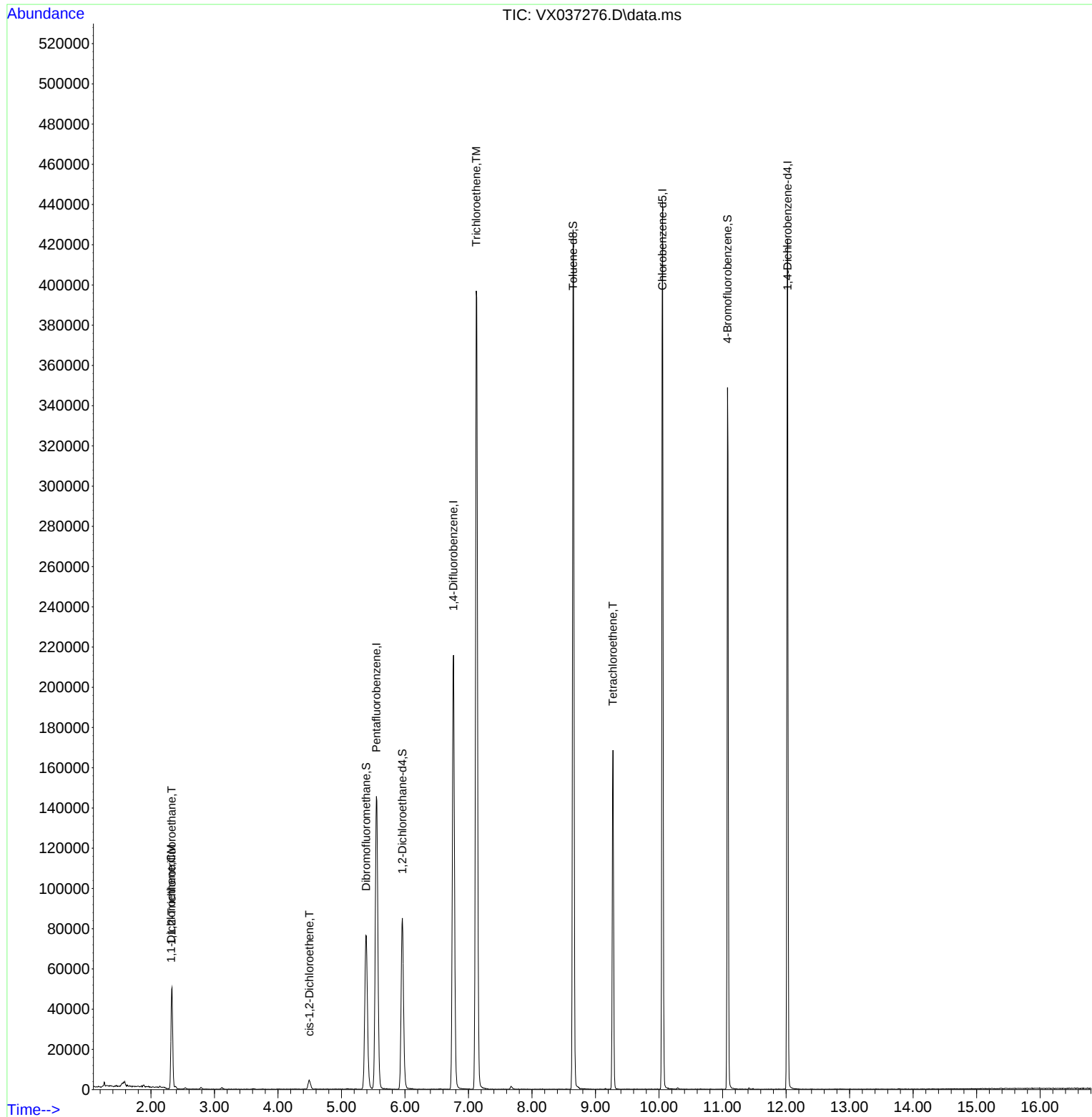
Internal Standards						
1) Pentafluorobenzene	5.550	168	136738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84927	43.081	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.160%
35) Dibromofluoromethane	5.385	113	69550	46.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.640%
50) Toluene-d8	8.647	98	264861	48.628	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	96674	45.165	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.320%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	20413	14.122	ug/l	98
12) 1,1-Dichloroethene	2.319	96	551	0.391	ug/l #	71
27) cis-1,2-Dichloroethene	4.495	96	3264	1.730	ug/l	78
44) Trichloroethene	7.123	130	159945	92.194	ug/l	98
64) Tetrachloroethene	9.275	164	31674	21.551	ug/l	99

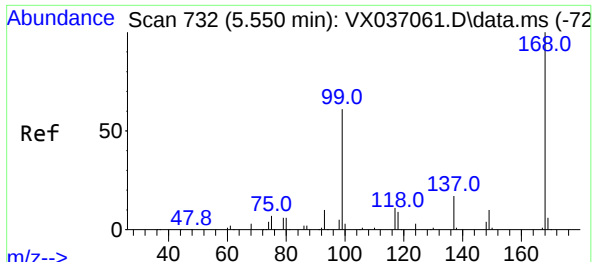
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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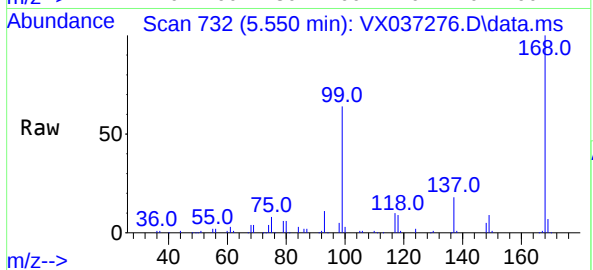
Quant Time: Aug 26 02:23:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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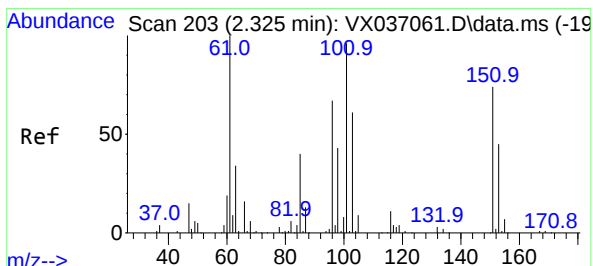
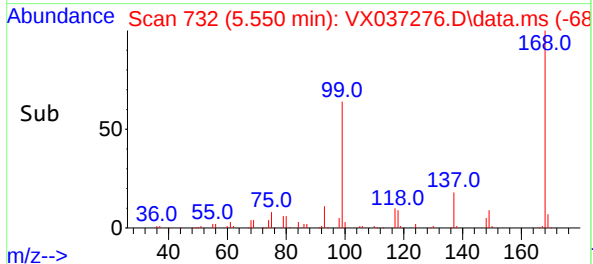
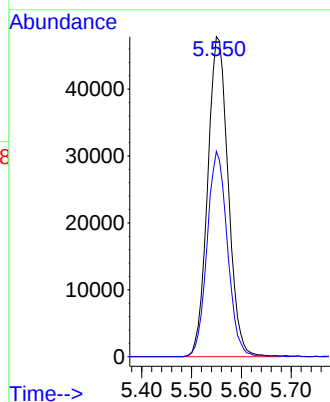


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037276.D
Acq: 25 Aug 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20230818

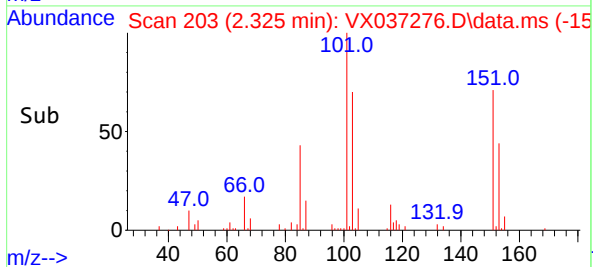
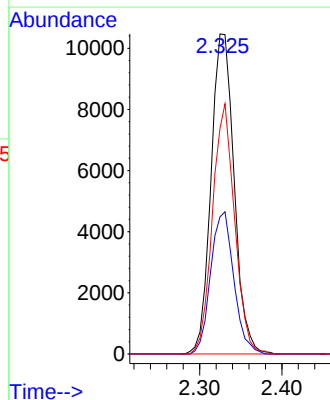
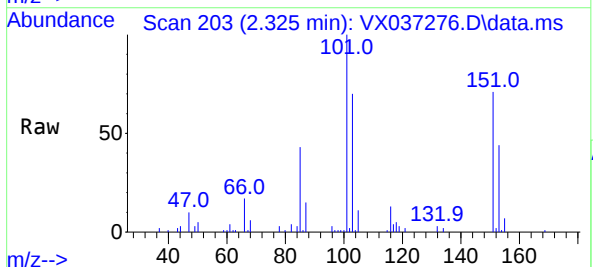


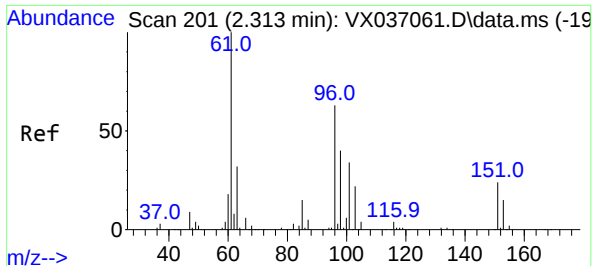
Tgt Ion:168 Resp: 136738
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.122 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037276.D
Acq: 25 Aug 2023 17:10

Tgt Ion:101 Resp: 20413
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.6
151 74.8 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.391 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX037276.D

Acq: 25 Aug 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20230818

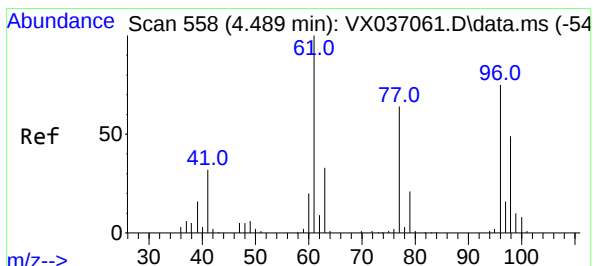
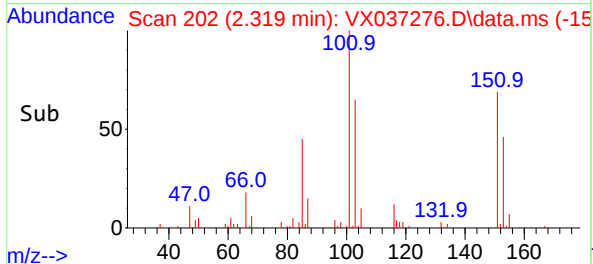
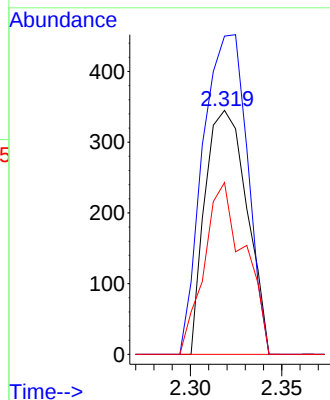
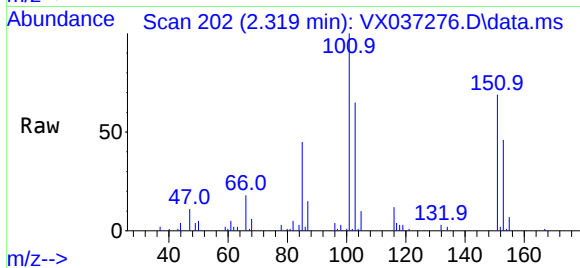
Tgt Ion: 96 Resp: 551

Ion Ratio Lower Upper

96 100

61 130.4 144.6 216.8#

98 70.4 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 1.730 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX037276.D

Acq: 25 Aug 2023 17:10

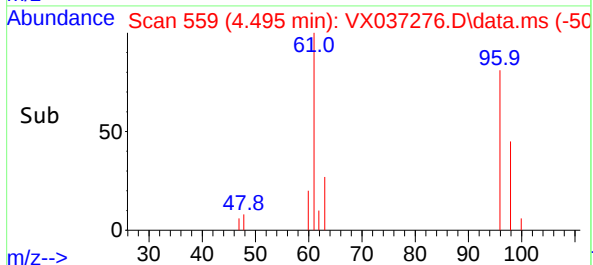
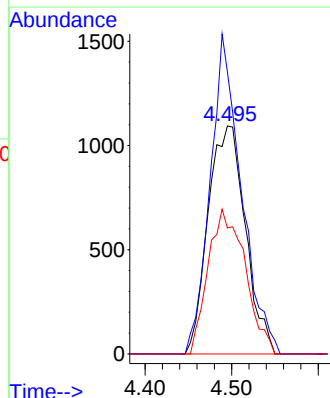
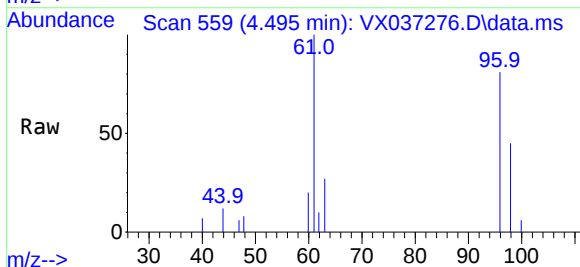
Tgt Ion: 96 Resp: 3264

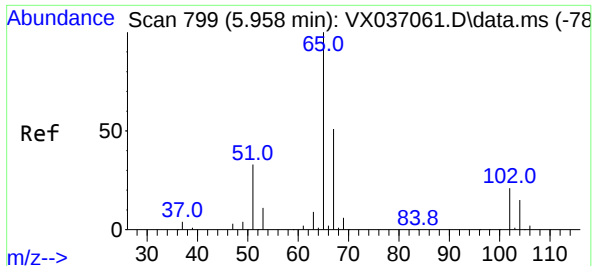
Ion Ratio Lower Upper

96 100

61 117.3 0.0 312.2

98 63.0 0.0 129.0

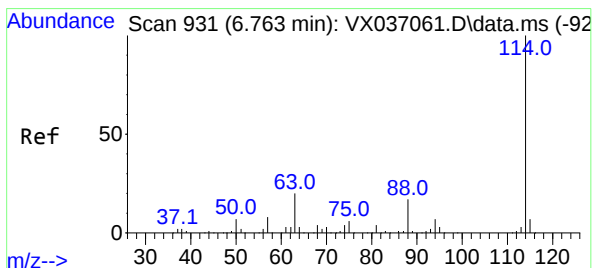
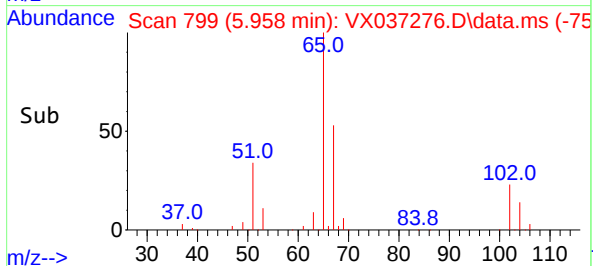
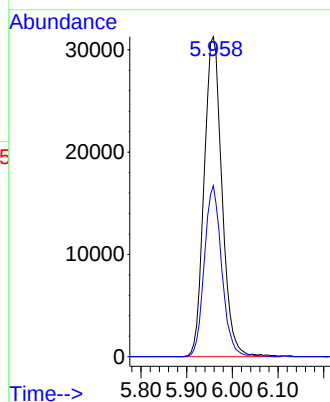
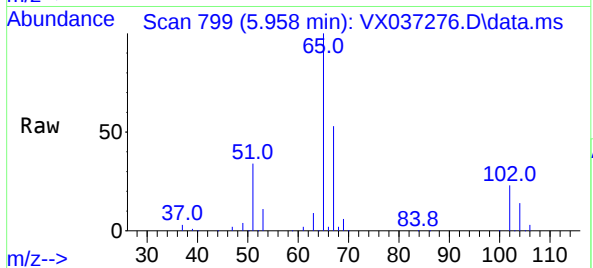




#33
 1,2-Dichloroethane-d4
 Concen: 43.081 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037276.D
 Acq: 25 Aug 2023 17:10

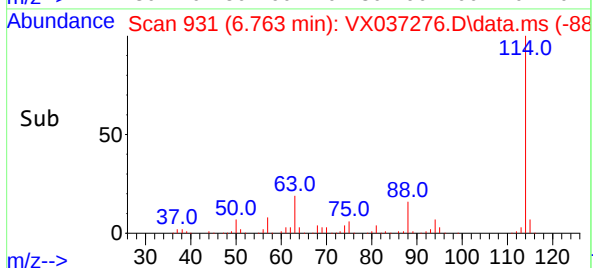
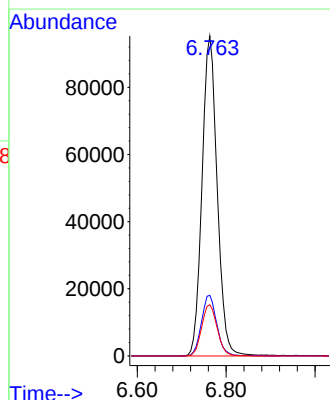
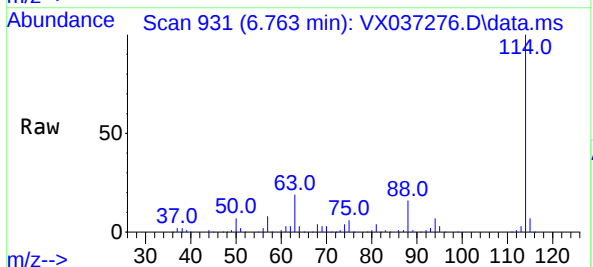
Instrument :
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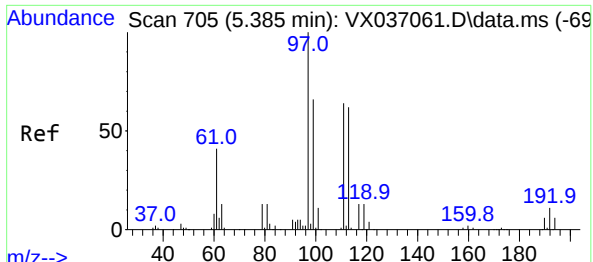
Tgt Ion: 65 Resp: 84927
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037276.D
 Acq: 25 Aug 2023 17:10

Tgt Ion: 114 Resp: 226725
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 45.0
 88 16.0 0.0 36.6

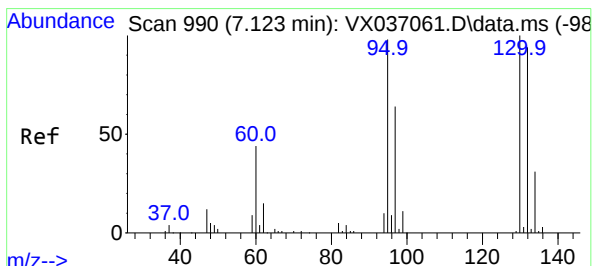
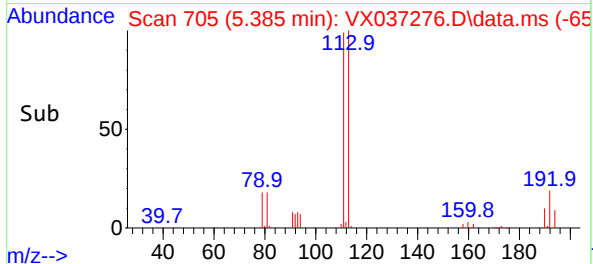
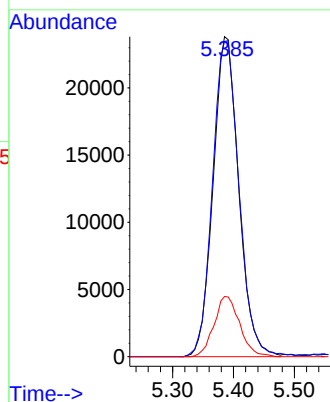
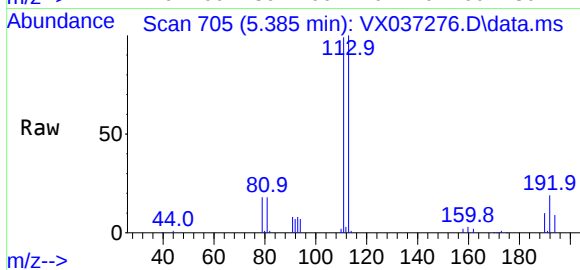




#35
Dibromofluoromethane
Concen: 46.319 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037276.D
Acq: 25 Aug 2023 17:10

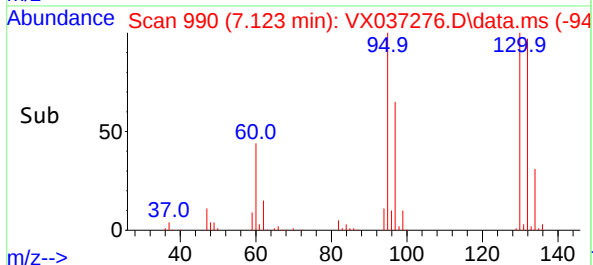
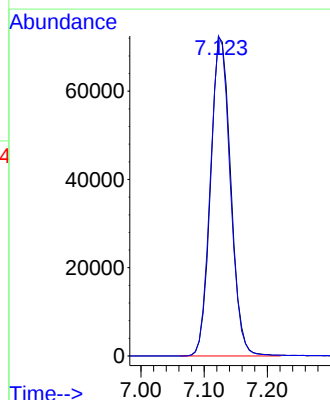
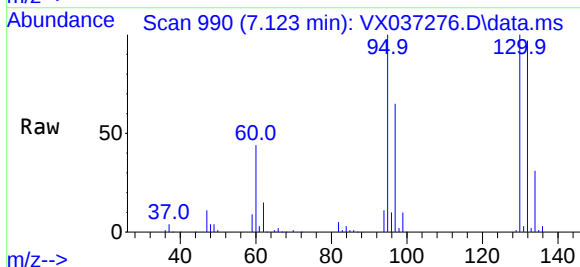
Instrument :
MSVOA_X
ClientSampleId :
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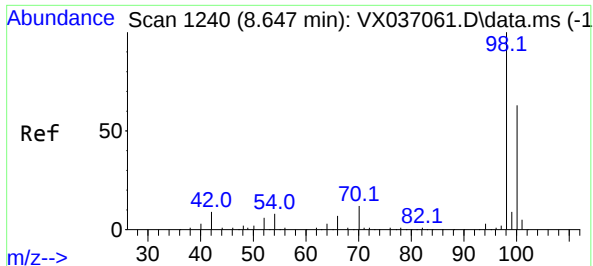
Tgt Ion:	113	Resp:	69550
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	18.8	13.3	19.9



#44
Trichloroethene
Concen: 92.194 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037276.D
Acq: 25 Aug 2023 17:10

Tgt Ion:	130	Resp:	159945
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	204.4

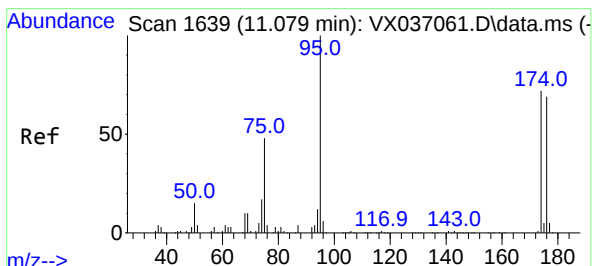
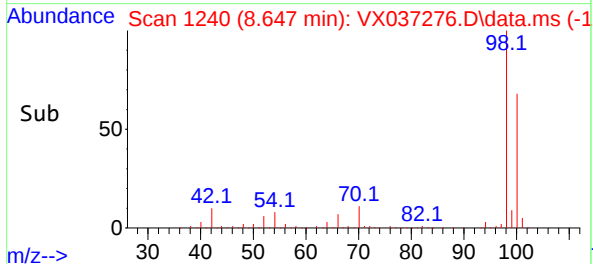
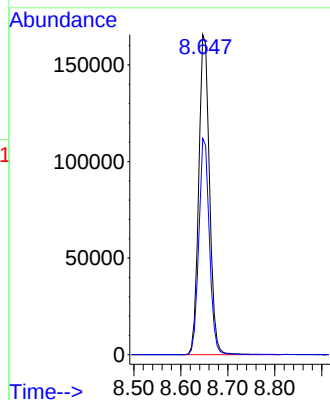
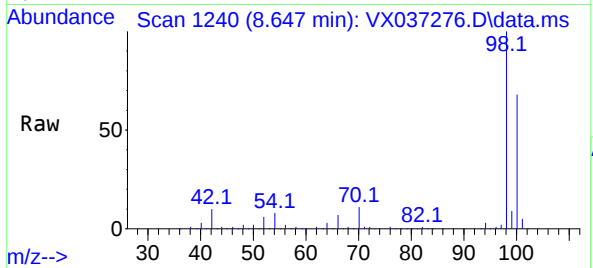




#50
Toluene-d8
Concen: 48.628 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037276.D
Acq: 25 Aug 2023 17:10

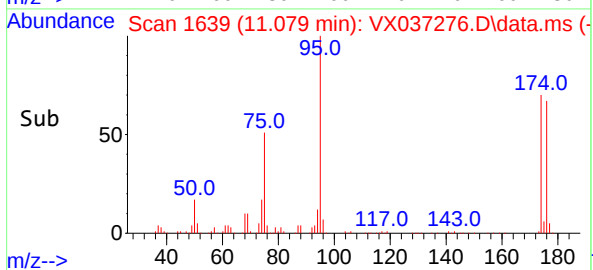
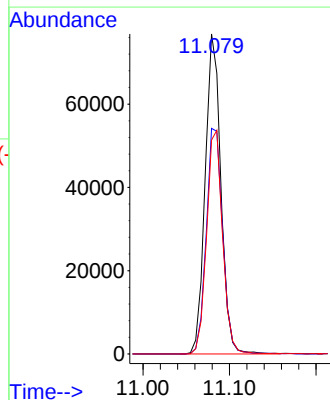
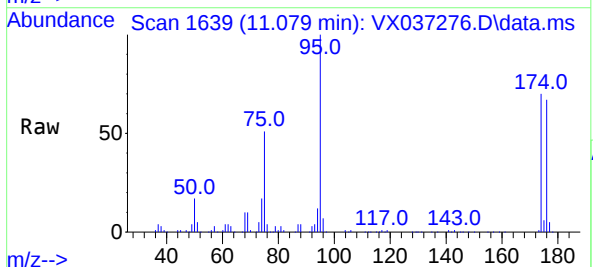
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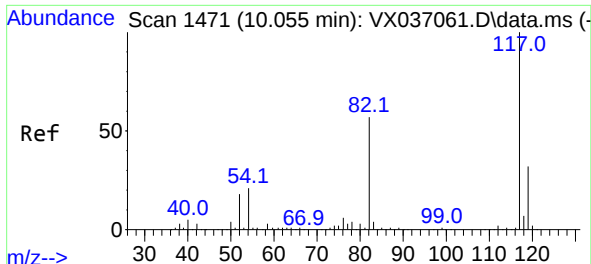
Tgt Ion: 98 Resp: 264861
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037276.D
Acq: 25 Aug 2023 17:10

Tgt Ion: 95 Resp: 96674
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.2 0.0 131.0

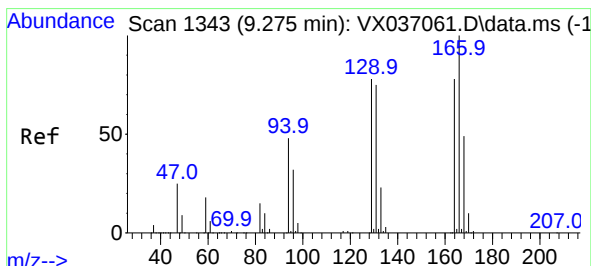
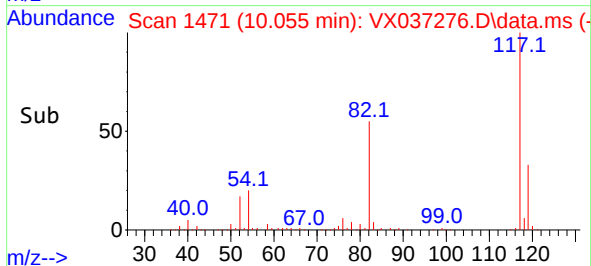
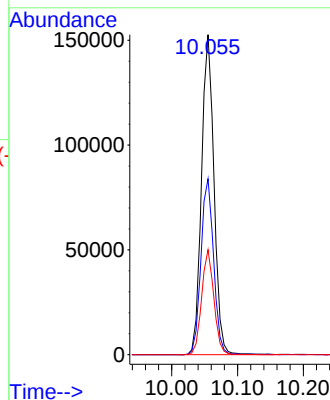
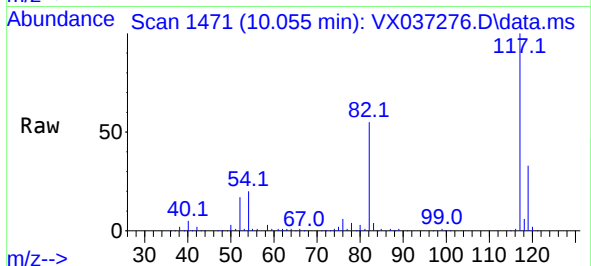




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037276.D
Acq: 25 Aug 2023 17:10

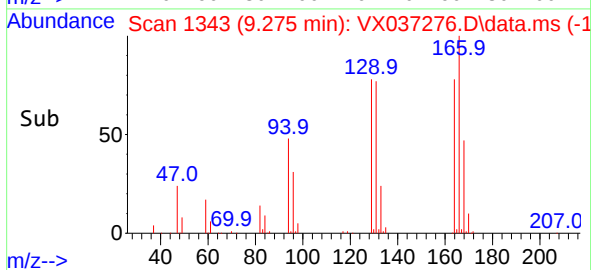
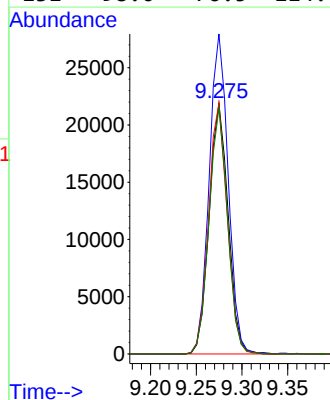
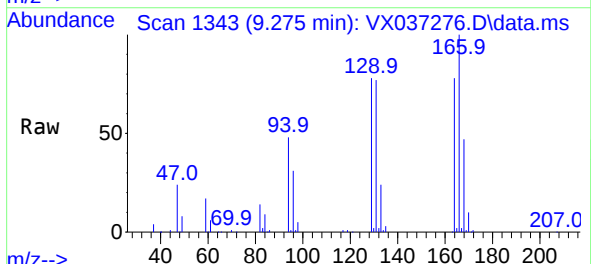
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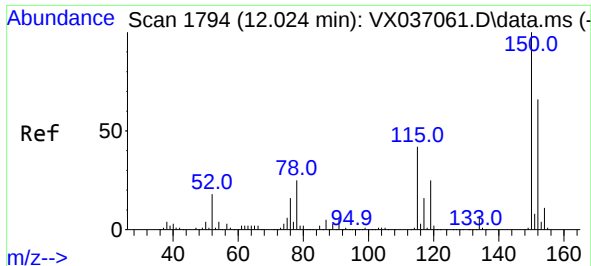
Tgt Ion:117 Resp: 201466
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 21.551 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037276.D
Acq: 25 Aug 2023 17:10

Tgt Ion:164 Resp: 31674
Ion Ratio Lower Upper
164 100
166 127.6 102.7 154.1
129 99.9 80.4 120.6
131 98.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037276.D

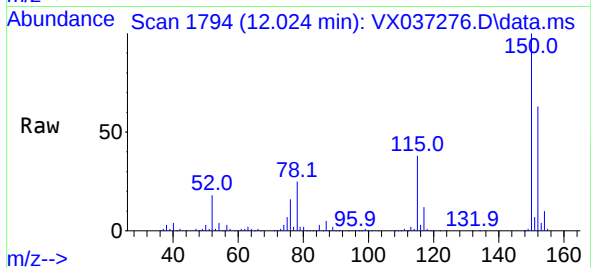
Acq: 25 Aug 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20230818



Tgt Ion:152 Resp: 89154

Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 157.1 0.0 345.0

