

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037275.D
 Acq On : 25 Aug 2023 16:46
 Operator : JC/MD
 Sample : 04095-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT162S1-20230818

Quant Time: Aug 26 02:23:15 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)

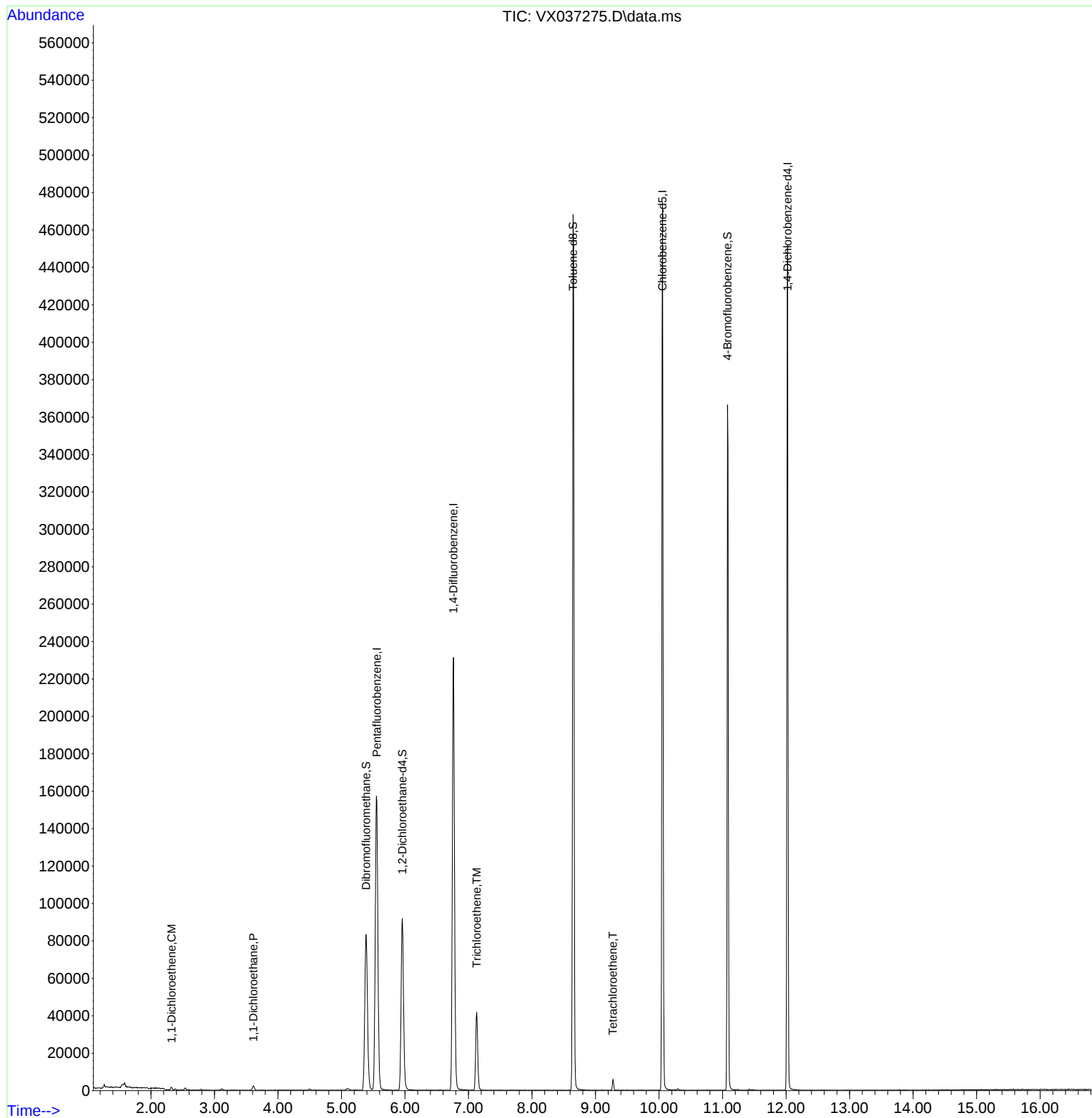
Internal Standards						
1) Pentafluorobenzene	5.556	168	147038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92761	43.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.520%
35) Dibromofluoromethane	5.385	113	74742	46.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.140%
50) Toluene-d8	8.646	98	285234	48.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	103753	45.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.324	96	535	0.353	ug/l #	59
24) 1,1-Dichloroethane	3.611	63	2701	0.896	ug/l #	91
44) Trichloroethene	7.128	130	17107	9.225	ug/l	93
64) Tetrachloroethene	9.274	164	1158	0.737	ug/l #	82

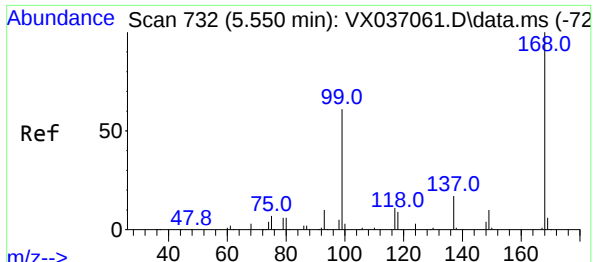
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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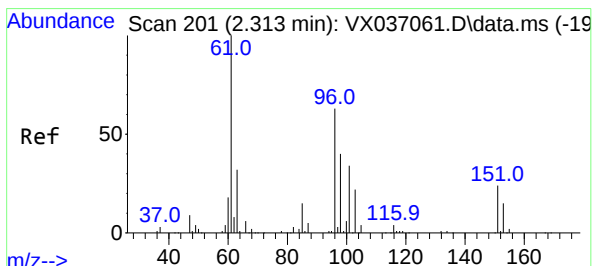
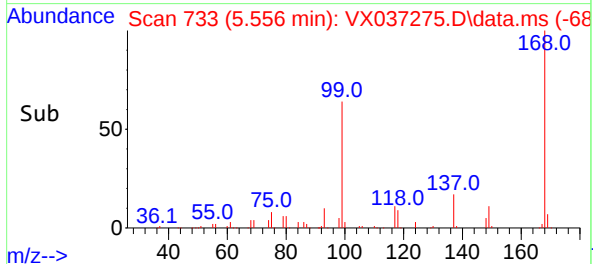
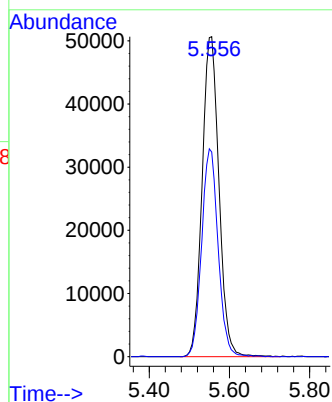
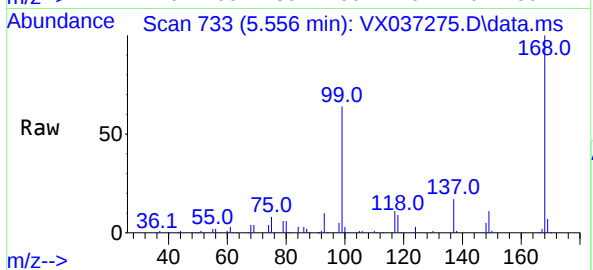




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

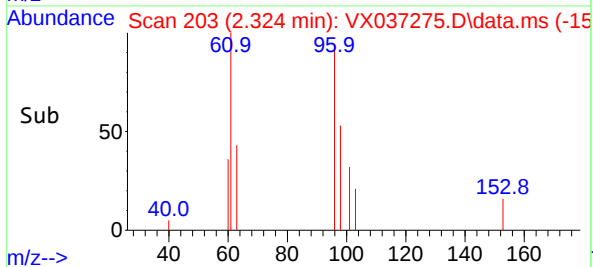
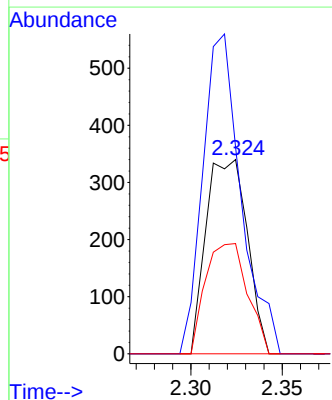
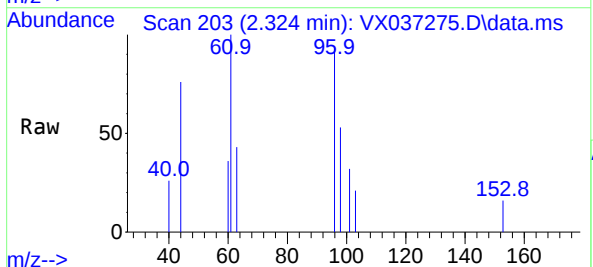
Instrument :
MSVOA_X
ClientSampleId :
TT162S1-20230818

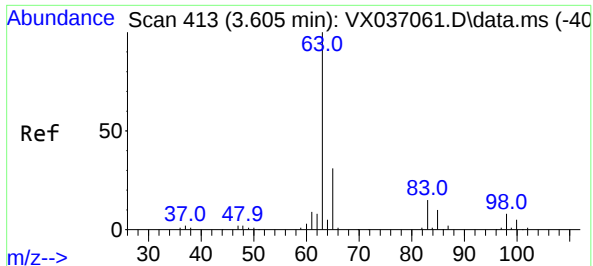
Tgt Ion:168 Resp: 147038
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.353 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion: 96 Resp: 535
Ion Ratio Lower Upper
96 100
61 106.5 144.6 216.8#
98 56.8 50.4 75.6





#24

1,1-Dichloroethane

Concen: 0.896 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX037275.D

Acq: 25 Aug 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

TT162S1-20230818

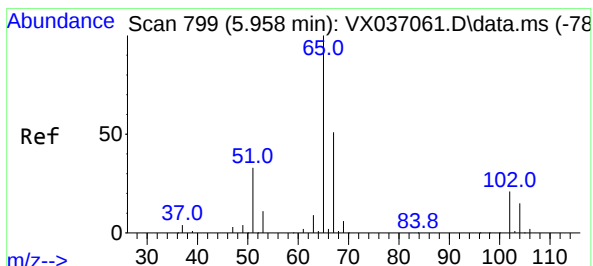
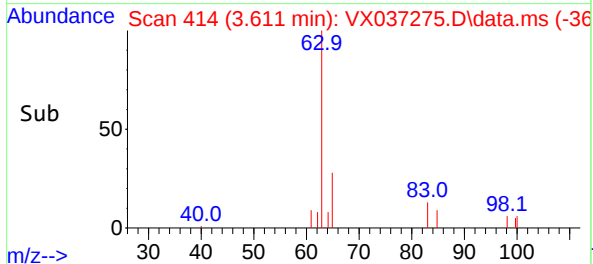
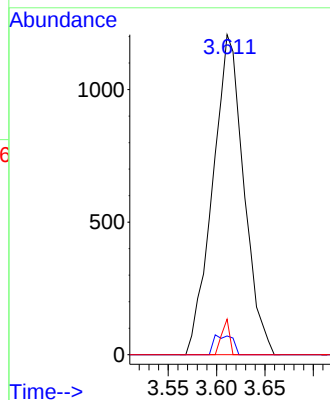
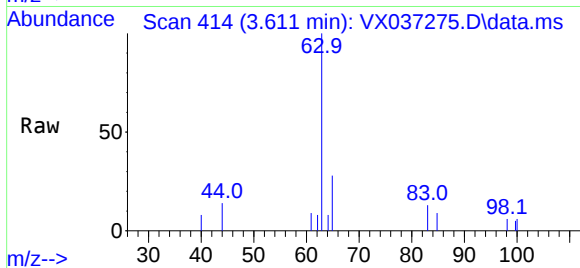
Tgt Ion: 63 Resp: 2701

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 11.1 2.1 6.5#



#33

1,2-Dichloroethane-d4

Concen: 43.759 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037275.D

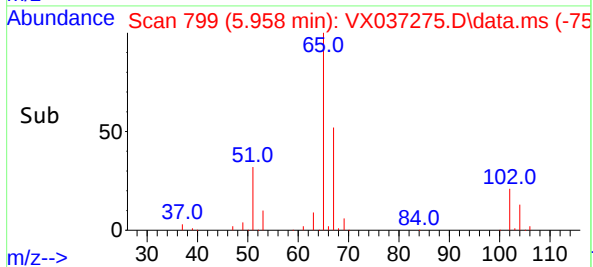
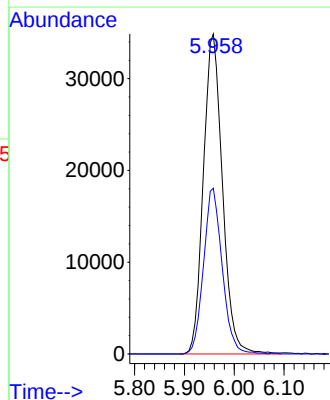
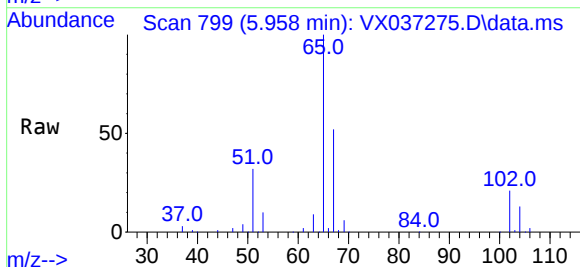
Acq: 25 Aug 2023 16:46

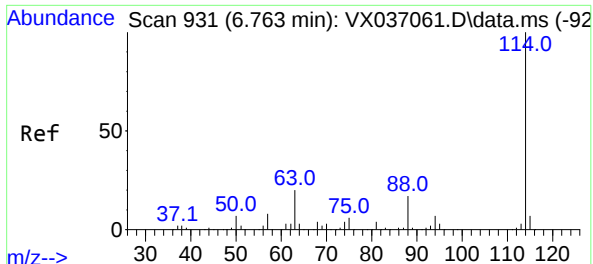
Tgt Ion: 65 Resp: 92761

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2

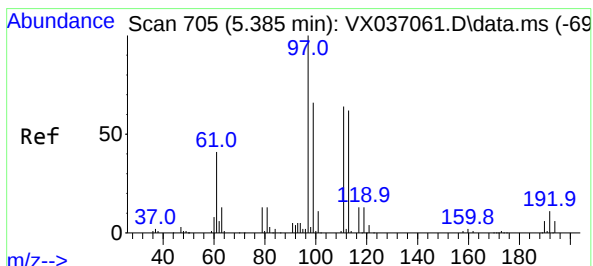
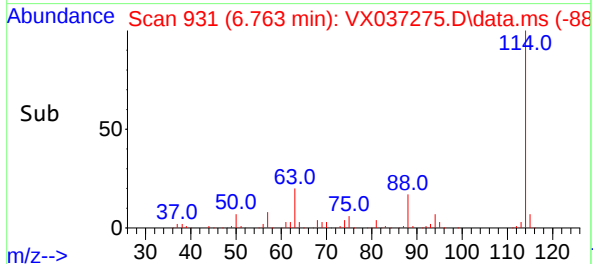
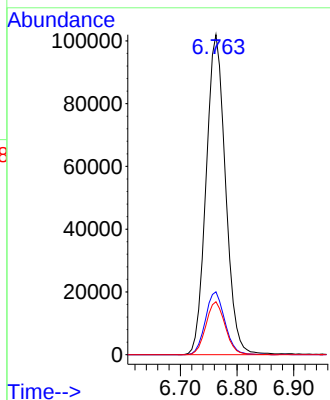
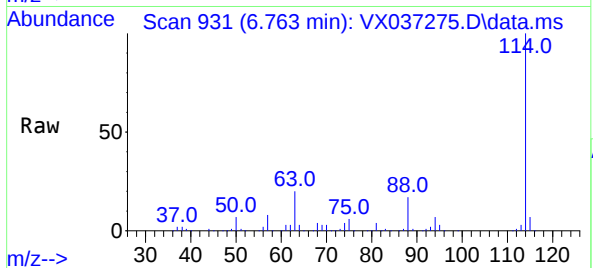




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

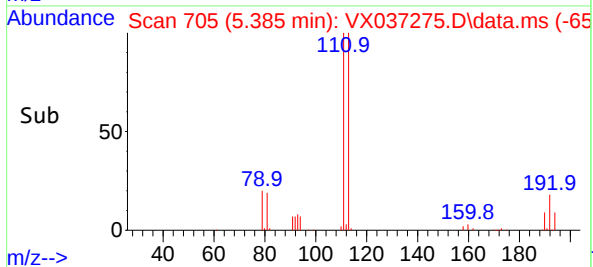
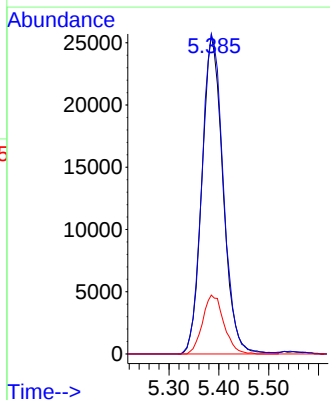
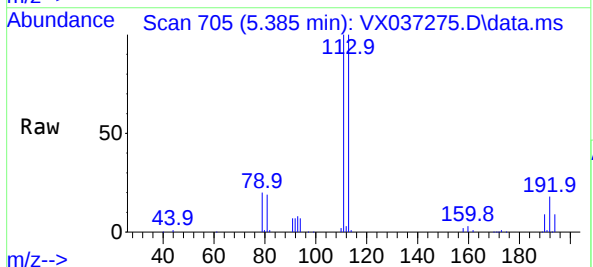
Instrument :
MSVOA_X
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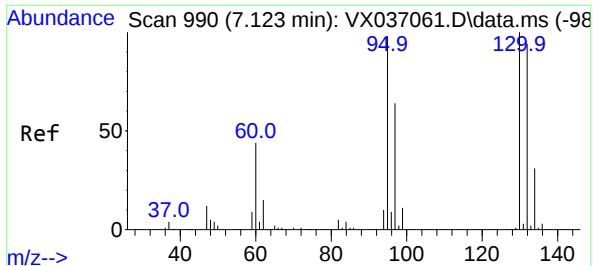
Tgt Ion:114 Resp: 242350
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.567 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion:113 Resp: 74742
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.7 13.3 19.9

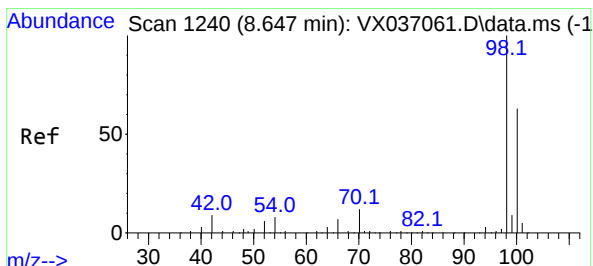
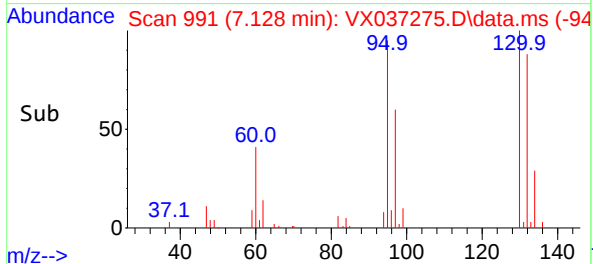
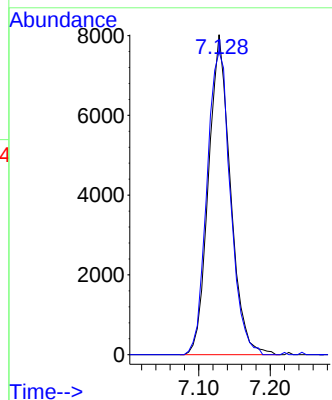
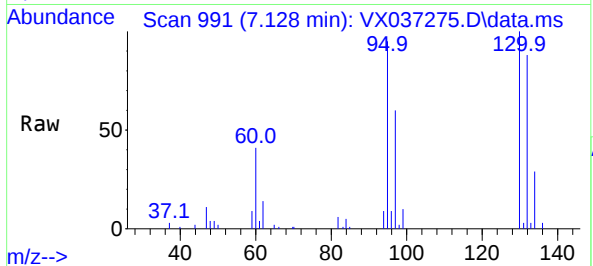




#44
Trichloroethene
Concen: 9.225 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

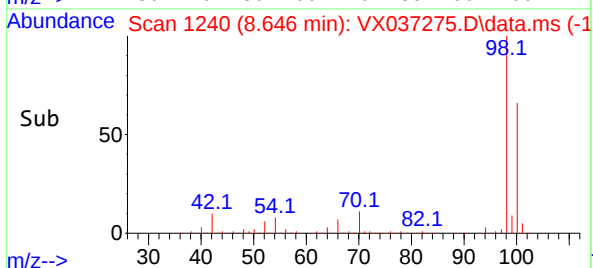
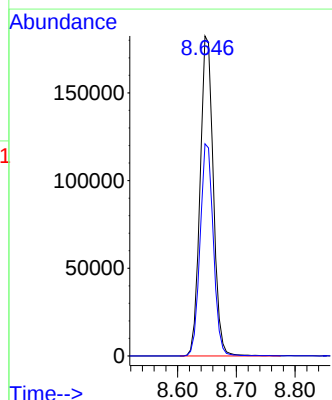
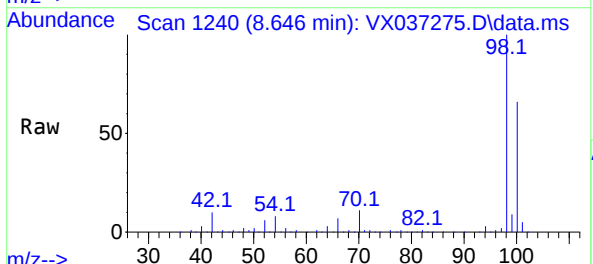
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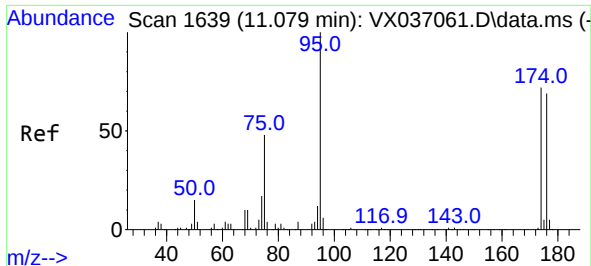
Tgt Ion:130 Resp: 17107
Ion Ratio Lower Upper
130 100
95 94.7 0.0 204.4



#50
Toluene-d8
Concen: 48.992 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion: 98 Resp: 285234
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

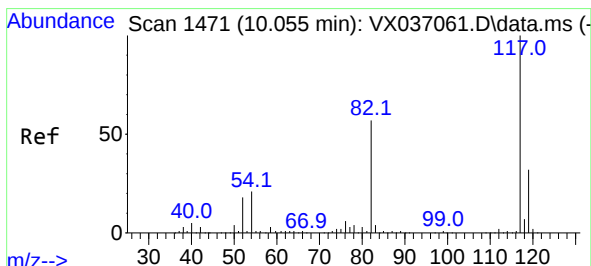
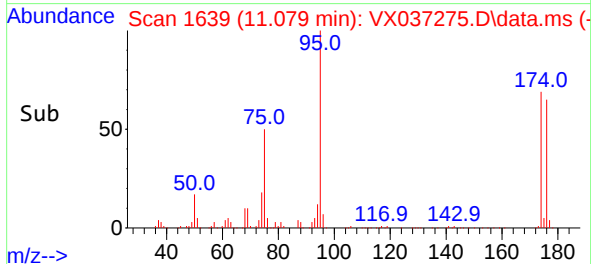
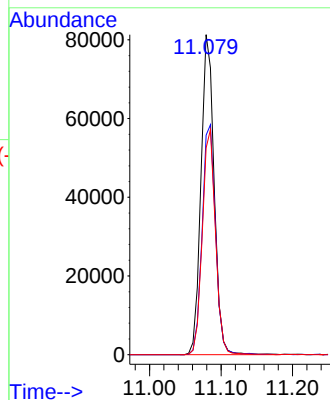
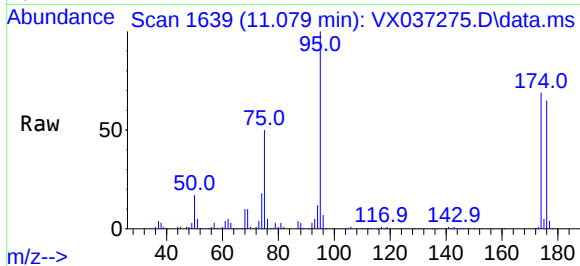




#62
4-Bromofluorobenzene
Concen: 45.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

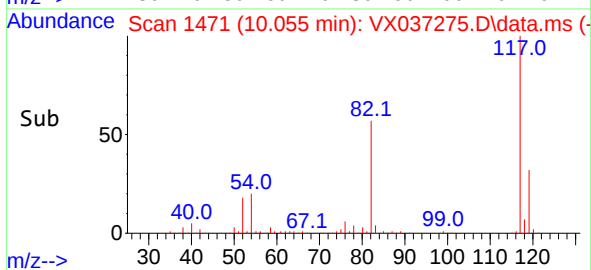
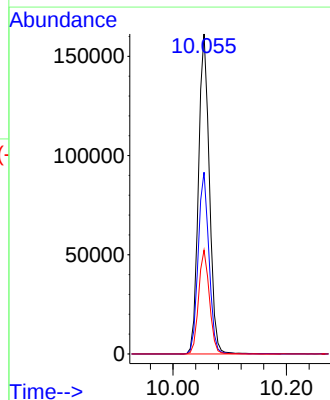
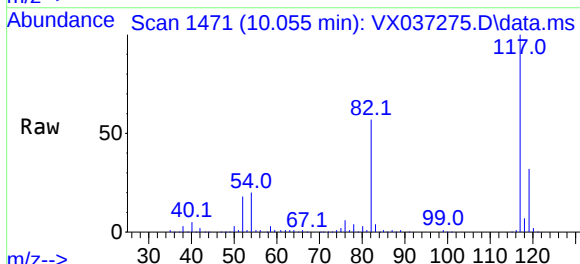
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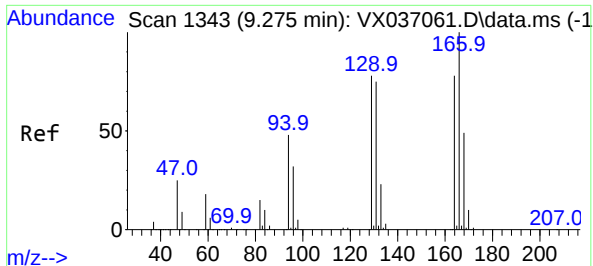
Tgt Ion: 95 Resp: 103753
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

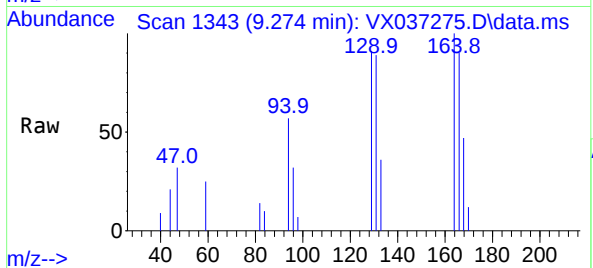
Tgt Ion: 117 Resp: 215327
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.4 25.5 38.3



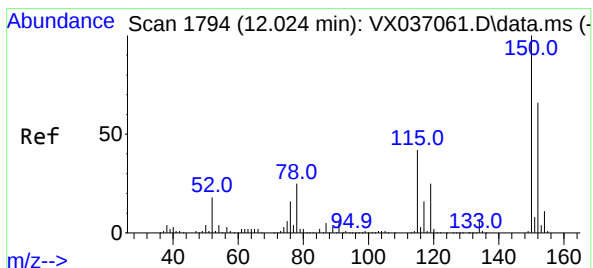
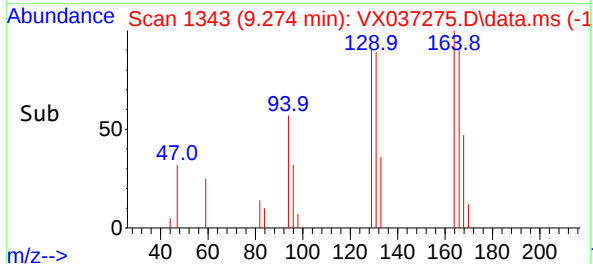
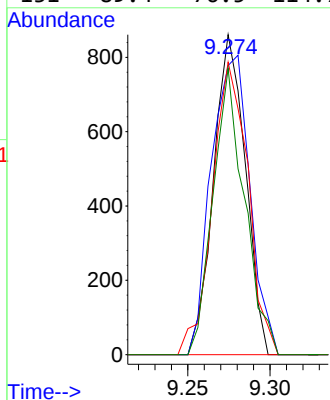


#64
Tetrachloroethene
Concen: 0.737 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 1158
Ion Ratio Lower Upper
164 100
166 90.4 102.7 154.1#
129 91.4 80.4 120.6
131 89.4 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037275.D
Acq: 25 Aug 2023 16:46

Tgt Ion:152 Resp: 93857
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 158.1 0.0 345.0

