

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038884.D
 Acq On : 17 Nov 2023 16:39
 Operator : JC/MD
 Sample : 05404-10 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20231109

Quant Time: Nov 17 22:52:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

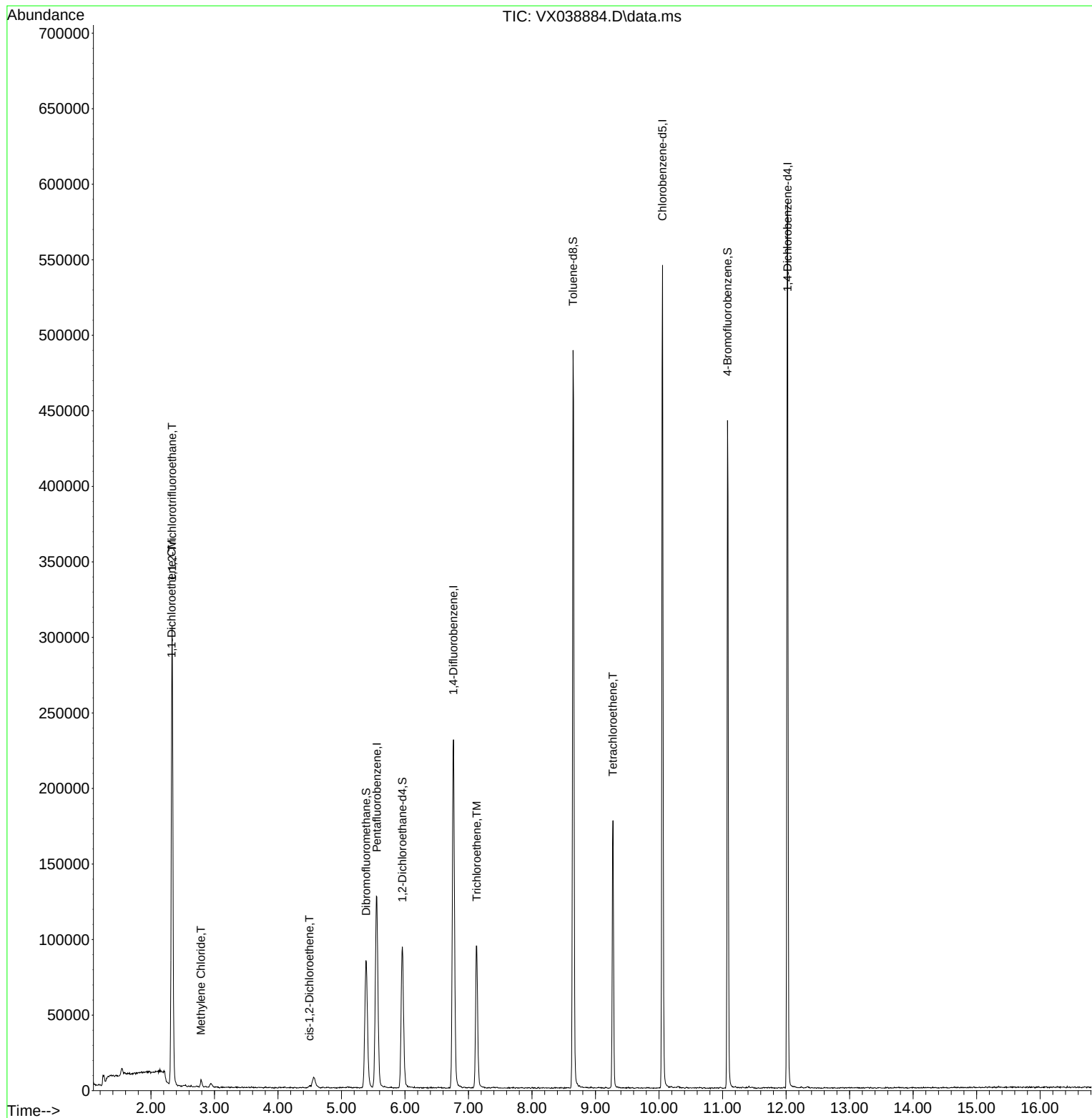
Internal Standards						
1) Pentafluorobenzene	5.556	168	115636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88221	47.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.700%
35) Dibromofluoromethane	5.385	113	74895	44.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.240%
50) Toluene-d8	8.646	98	298986	46.031	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.060%
62) 4-Bromofluorobenzene	11.079	95	126083	48.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.980%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.330	101	120657	84.519	ug/l	98
12) 1,1-Dichloroethene	2.324	96	1238	0.859	ug/l #	60
20) Methylene Chloride	2.788	84	2068	1.157	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	900	0.486	ug/l	75
44) Trichloroethene	7.128	130	35775	20.423	ug/l	99
64) Tetrachloroethene	9.274	164	30501	20.459	ug/l	94

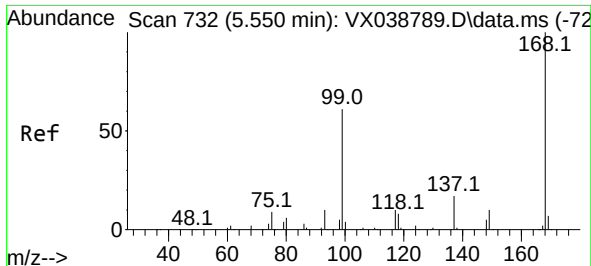
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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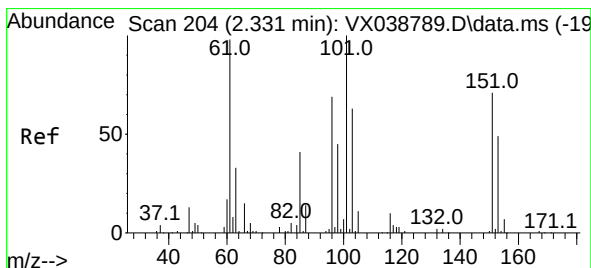
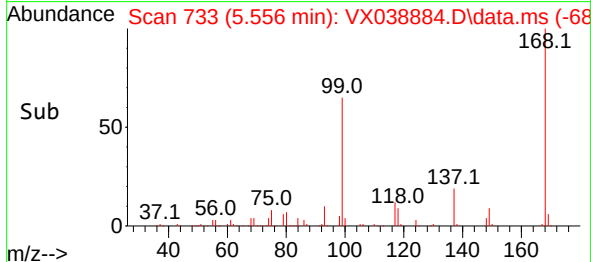
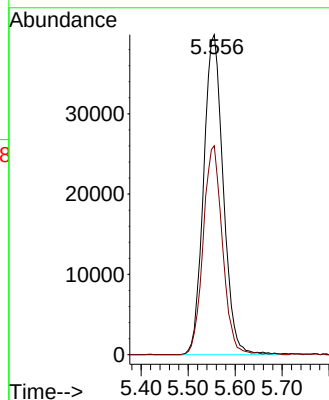
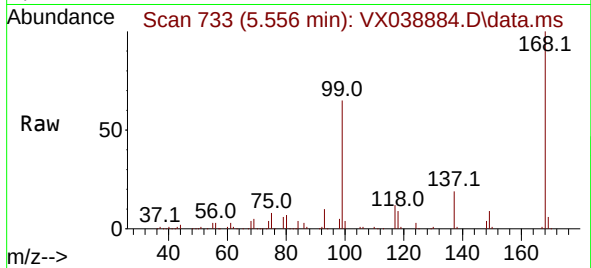




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

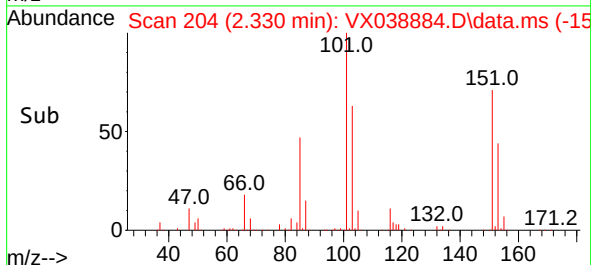
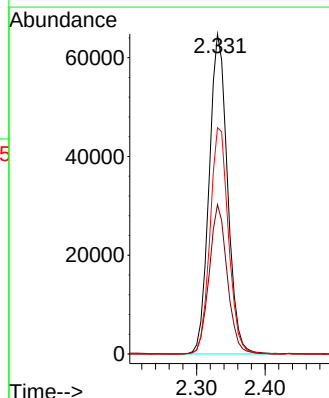
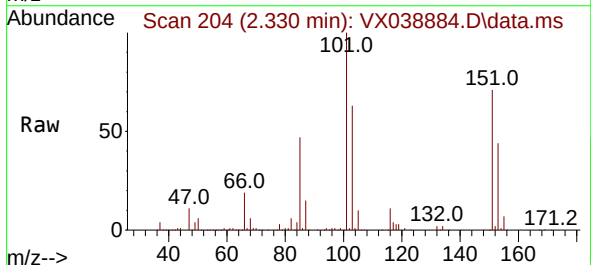
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20231109

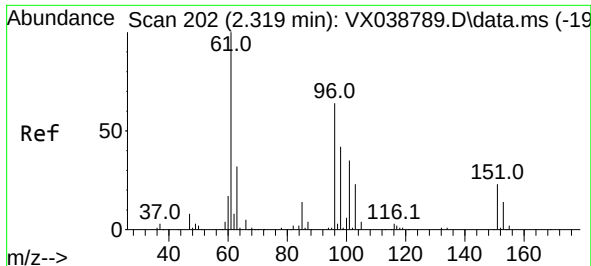
Tgt Ion:168 Resp: 115636
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 84.519 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion:101 Resp: 120657
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 71.1 58.6 87.8





#12

1,1-Dichloroethene

Concen: 0.859 ug/l

RT: 2.324 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX038884.D

Acq: 17 Nov 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20231109

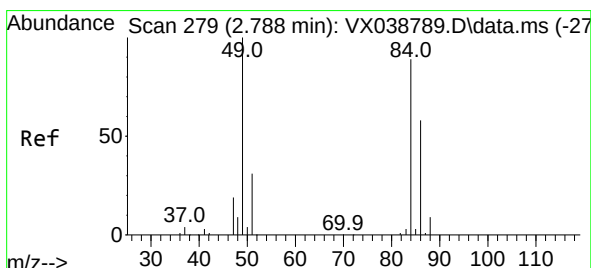
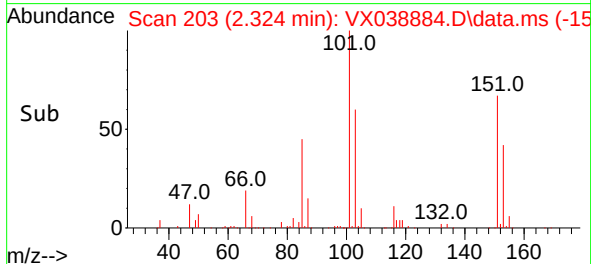
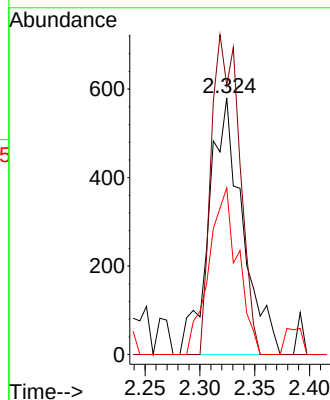
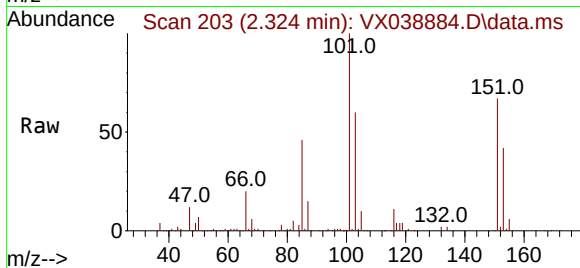
Tgt Ion: 96 Resp: 1238

Ion Ratio Lower Upper

96 100

61 104.8 144.6 216.8#

98 65.0 50.4 75.6



#20

Methylene Chloride

Concen: 1.157 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038884.D

Acq: 17 Nov 2023 16:39

Tgt Ion: 84 Resp: 2068

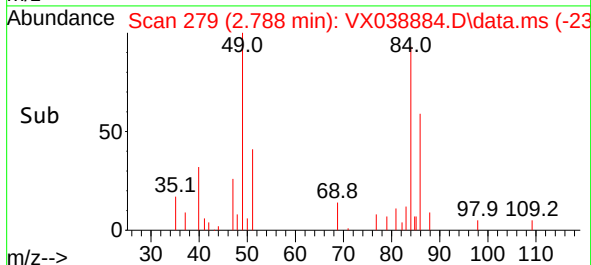
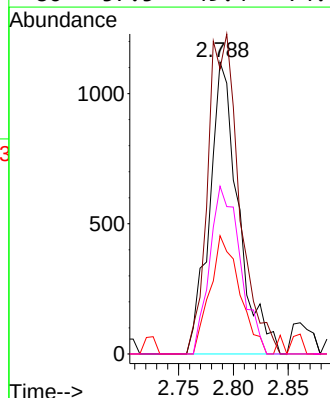
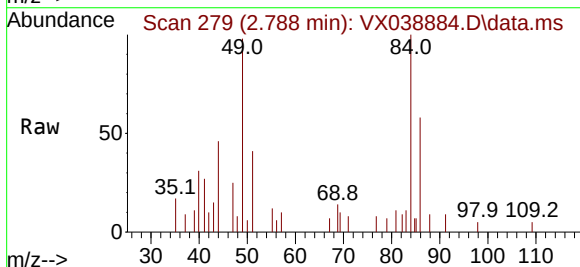
Ion Ratio Lower Upper

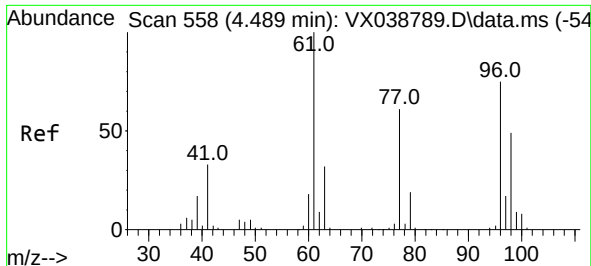
84 100

49 97.8 103.6 155.4#

51 40.5 33.8 50.6

86 57.5 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.486 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038884.D

Acq: 17 Nov 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20231109

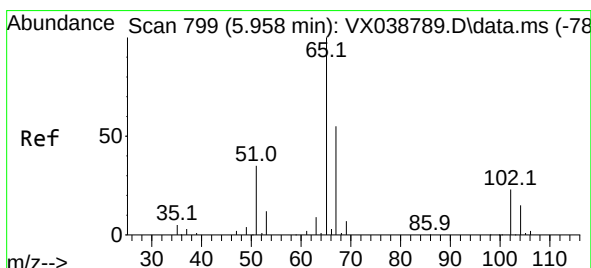
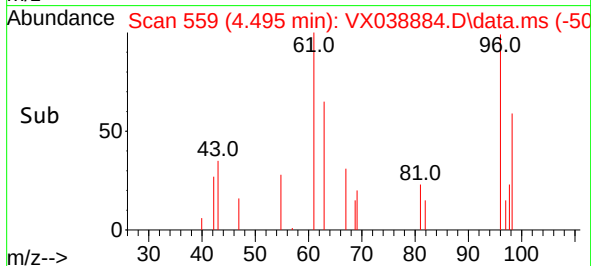
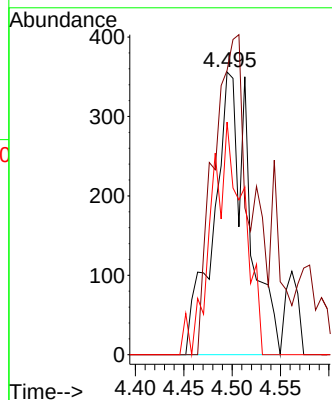
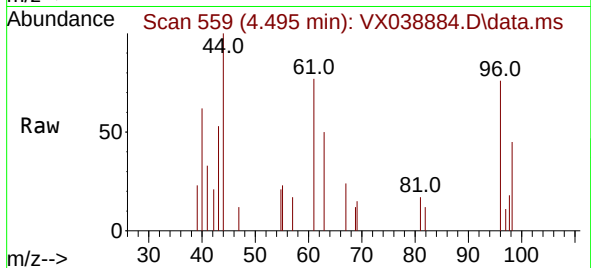
Tgt Ion: 96 Resp: 900

Ion Ratio Lower Upper

96 100

61 118.2 0.0 312.2

98 76.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 47.347 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038884.D

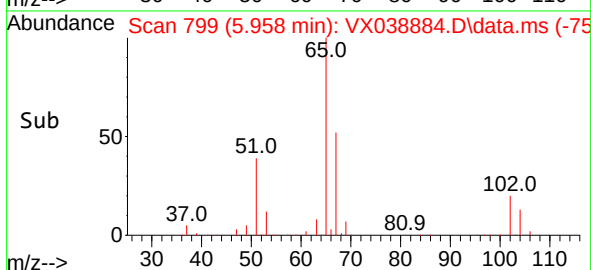
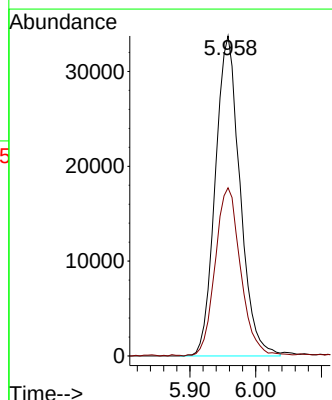
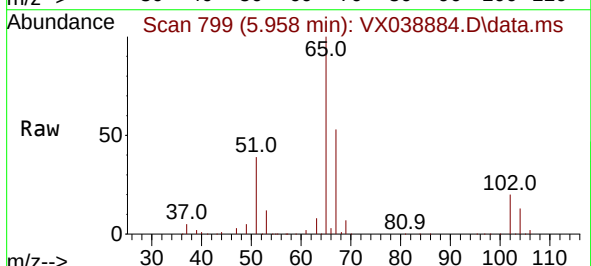
Acq: 17 Nov 2023 16:39

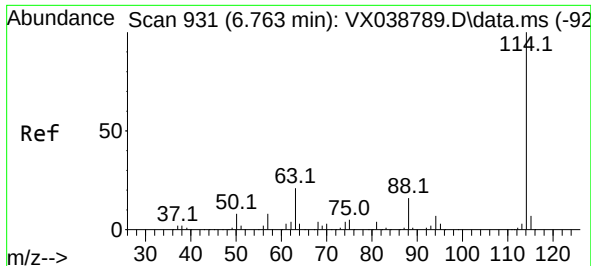
Tgt Ion: 65 Resp: 88221

Ion Ratio Lower Upper

65 100

67 54.3 0.0 100.2

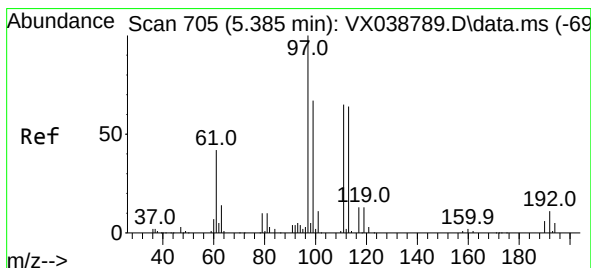
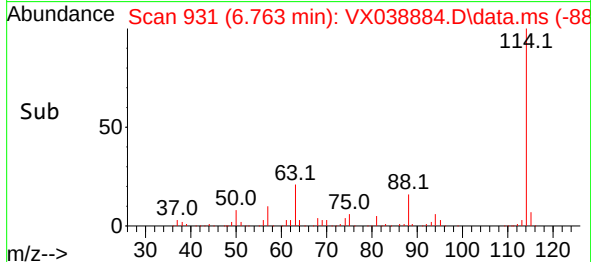
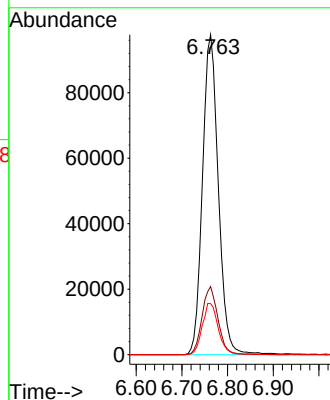
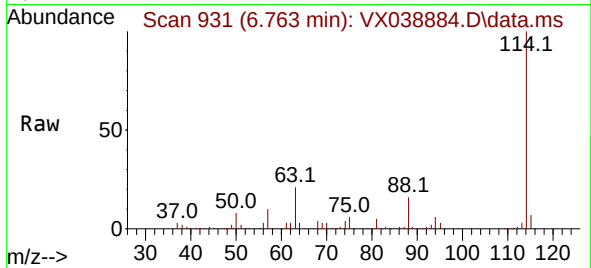




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

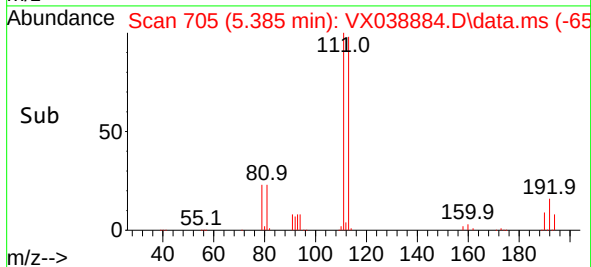
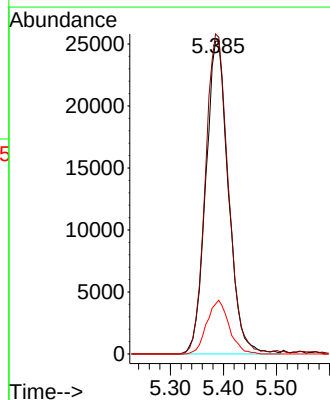
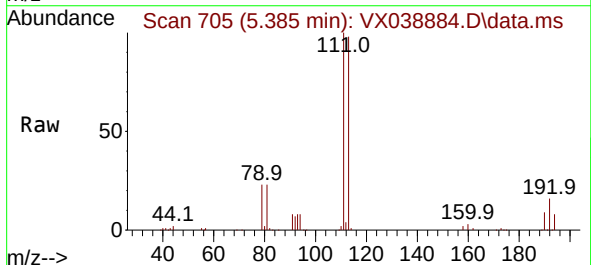
Instrument :
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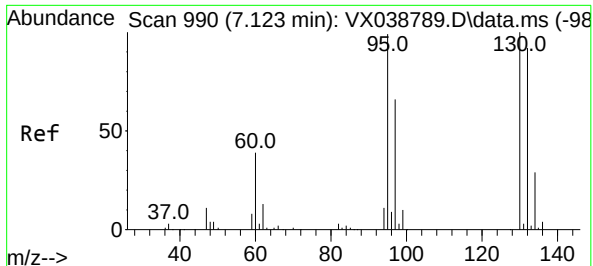
Tgt Ion:114 Resp: 235058
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion:113 Resp: 74895
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 16.8 13.3 19.9

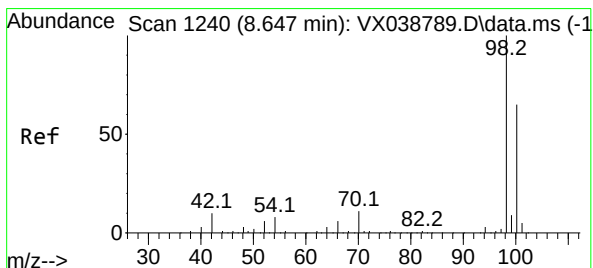
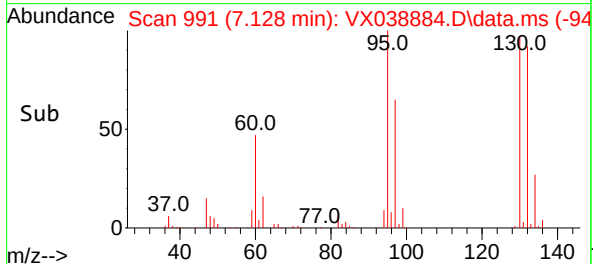
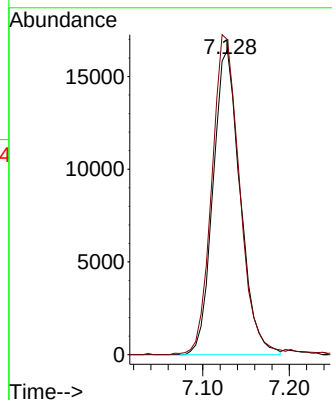
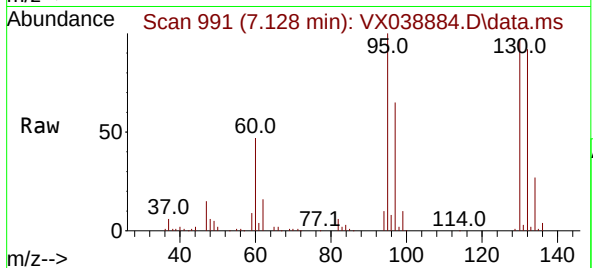




#44
Trichloroethene
Concen: 20.423 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

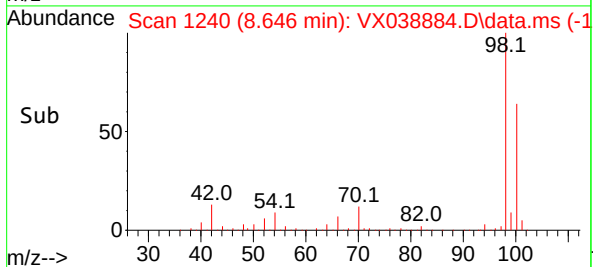
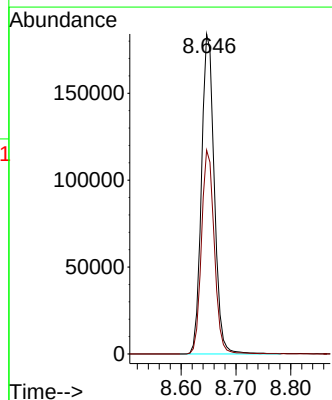
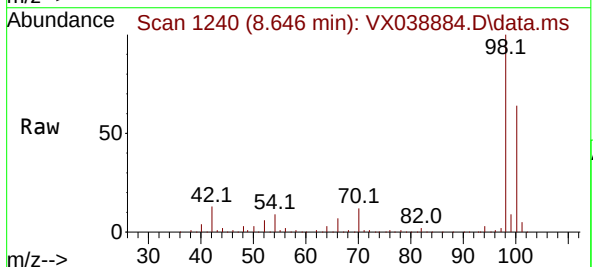
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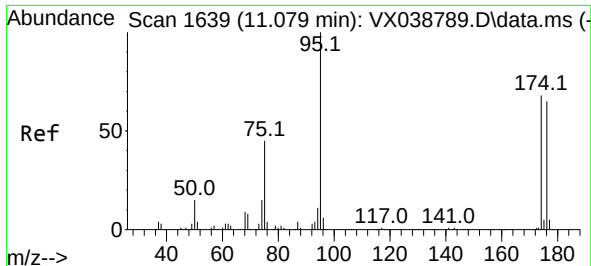
Tgt Ion:130 Resp: 35775
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.4



#50
Toluene-d8
Concen: 46.031 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion: 98 Resp: 298986
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

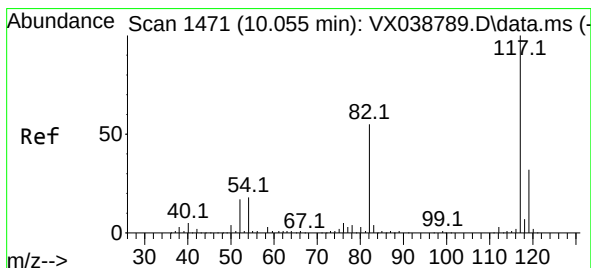
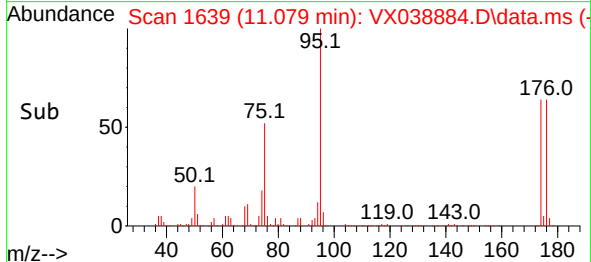
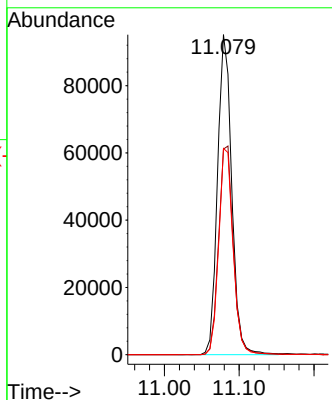
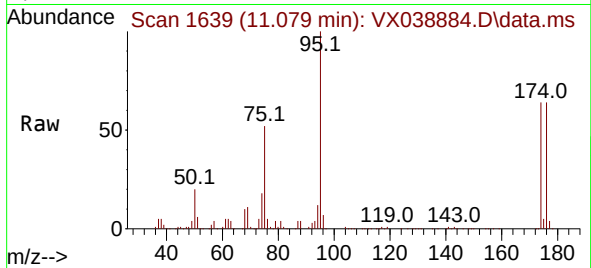




#62
4-Bromofluorobenzene
Concen: 48.492 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

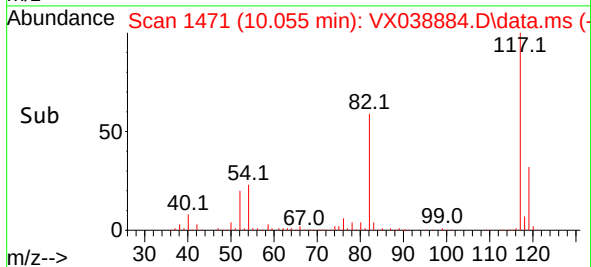
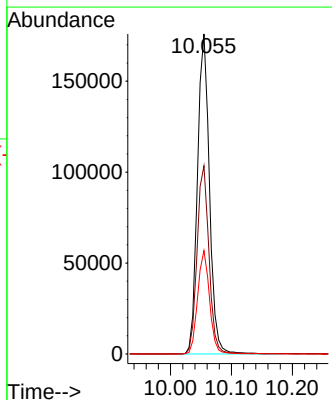
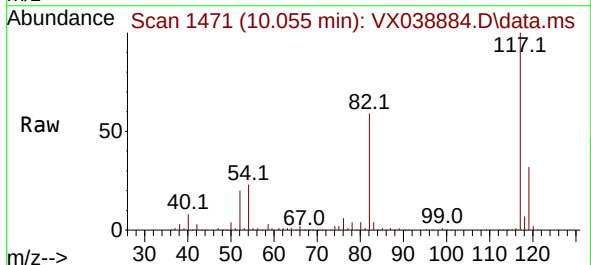
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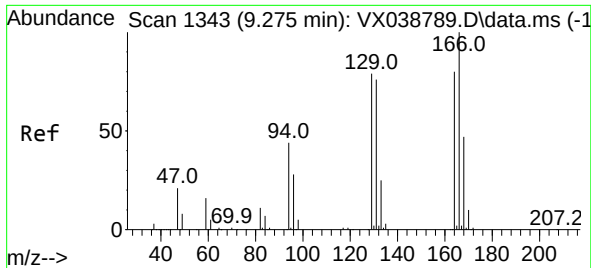
Tgt Ion: 95 Resp: 126083
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.6
176 65.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion: 117 Resp: 239844
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.3 25.5 38.3



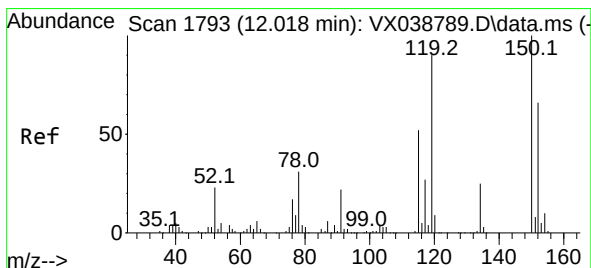
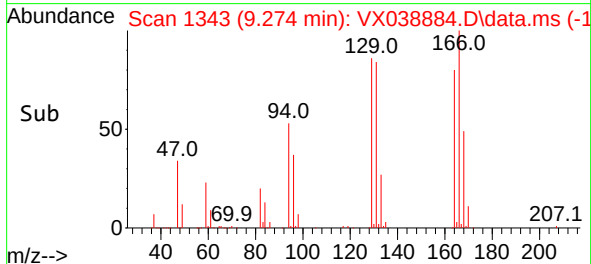
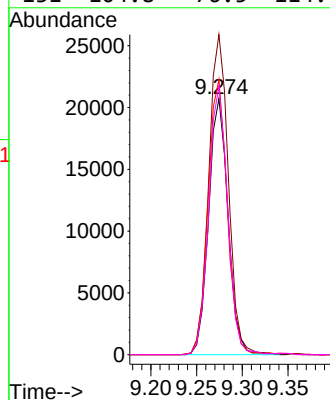
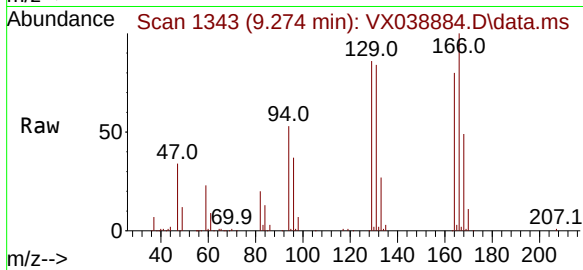


#64
Tetrachloroethene
Concen: 20.459 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 30501

Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.7	154.1
129	107.5	80.4	120.6
131	104.8	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038884.D
Acq: 17 Nov 2023 16:39

Tgt Ion:152 Resp: 121772

Ion	Ratio	Lower	Upper
152	100		
115	63.7	43.3	129.9
150	157.2	0.0	345.0

