

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040283.D
 Acq On : 16 Feb 2024 17:02
 Operator : JC/MD
 Sample : P1507-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20240215

Quant Time: Feb 17 01:38:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

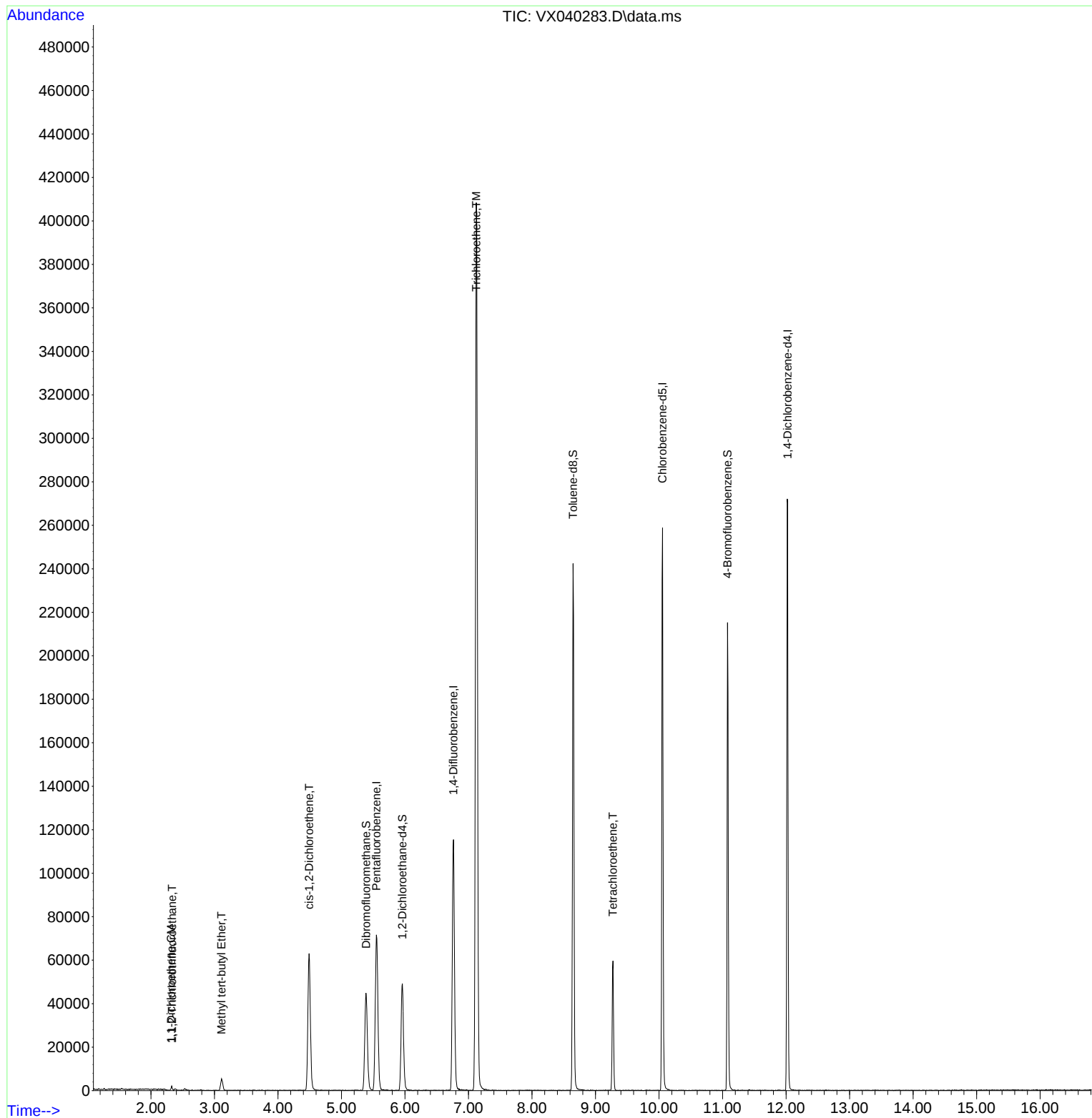
Internal Standards						
1) Pentafluorobenzene	5.550	168	69262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47562	46.158	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.320%		
35) Dibromofluoromethane	5.385	113	37904	45.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.600%		
50) Toluene-d8	8.647	98	144223	46.584	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.160%		
62) 4-Bromofluorobenzene	11.079	95	57699	45.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.400%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	353	0.481	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	323	0.457	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	5631	2.260	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	39404	42.889	ug/l	85
44) Trichloroethene	7.123	130	153293	171.406	ug/l	98
64) Tetrachloroethene	9.275	164	11016	13.914	ug/l	96

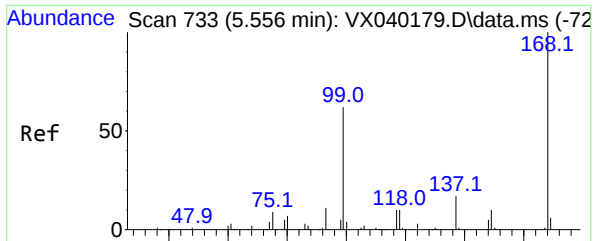
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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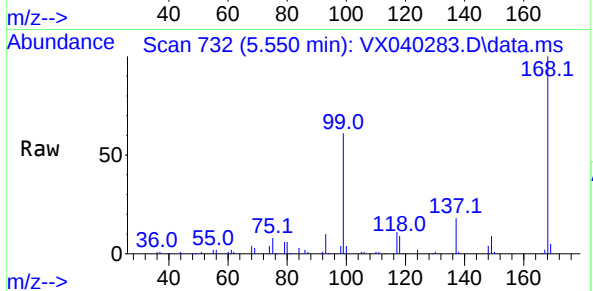
Quant Time: Feb 17 01:38:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
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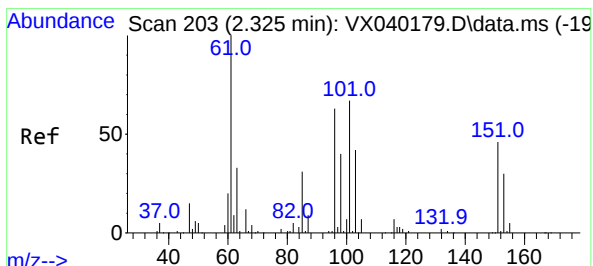
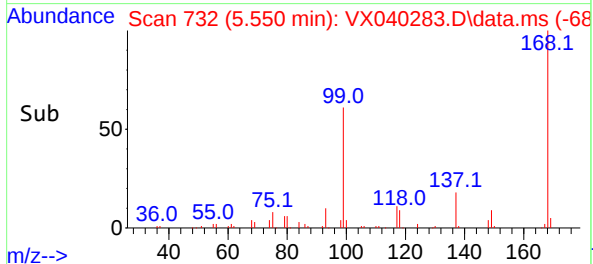
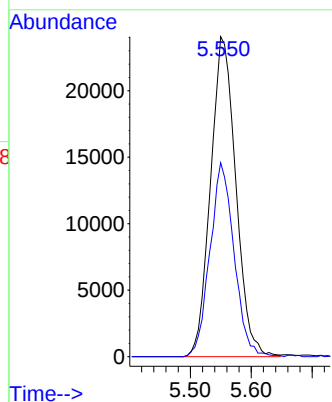


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20240215

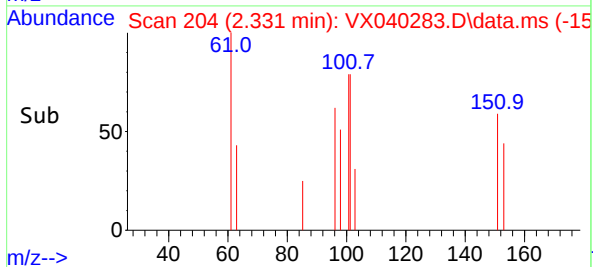
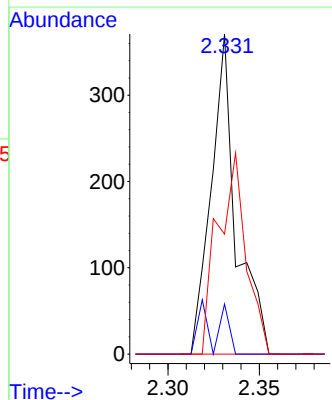
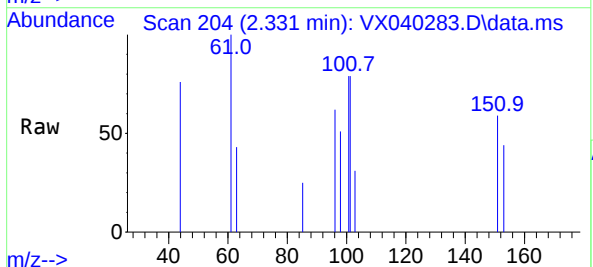


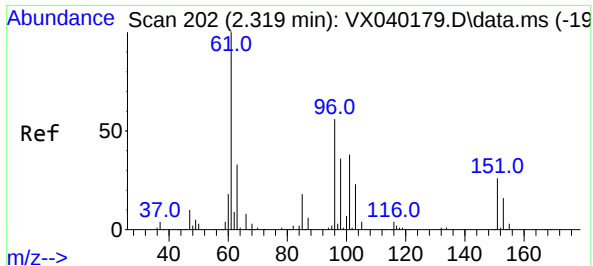
Tgt Ion:168 Resp: 69262
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.481 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

Tgt Ion:101 Resp: 353
Ion Ratio Lower Upper
101 100
85 12.5 37.0 55.6#
151 70.8 58.6 87.8

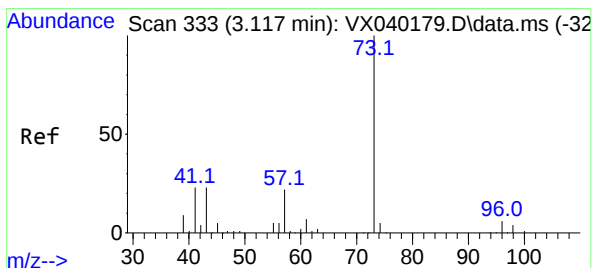
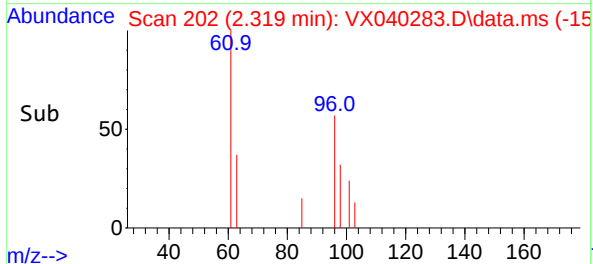
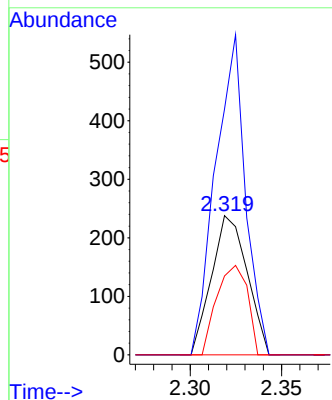
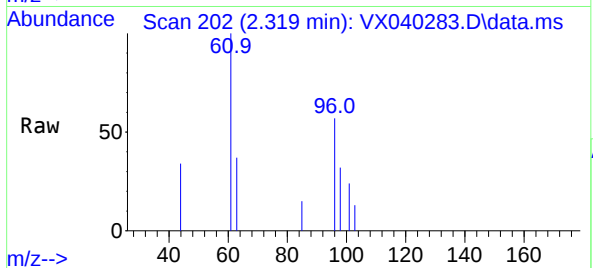




#12
1,1-Dichloroethene
Concen: 0.457 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

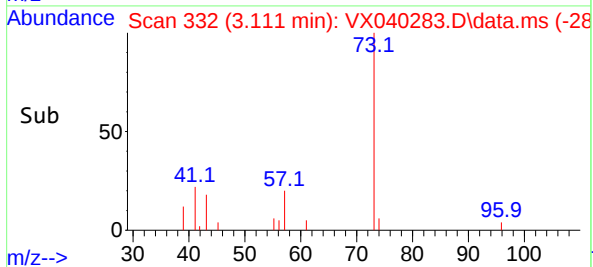
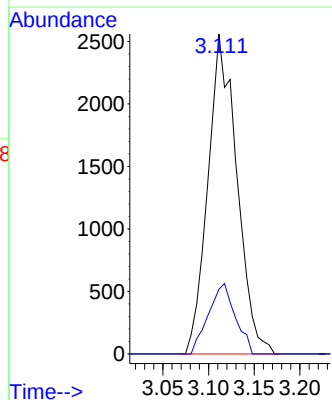
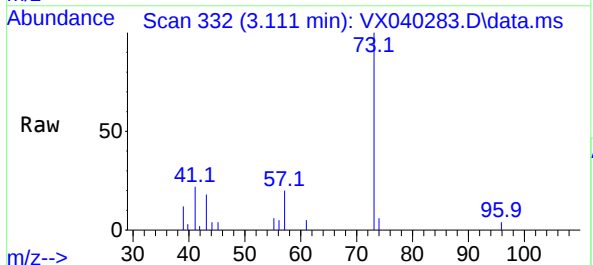
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20240215

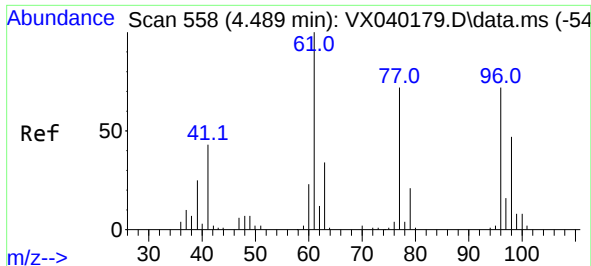
Tgt Ion: 96 Resp: 323
Ion Ratio Lower Upper
96 100
61 176.5 144.6 216.8
98 56.7 50.4 75.6



#19
Methyl tert-butyl Ether
Concen: 2.260 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

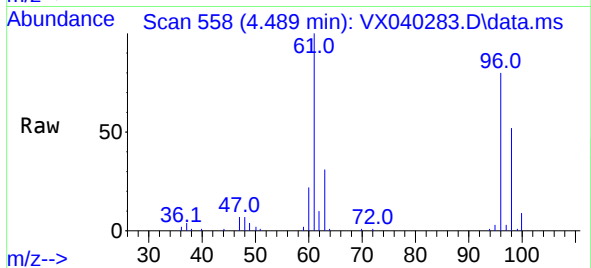
Tgt Ion: 73 Resp: 5631
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



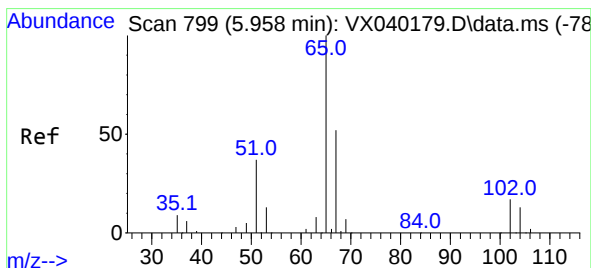
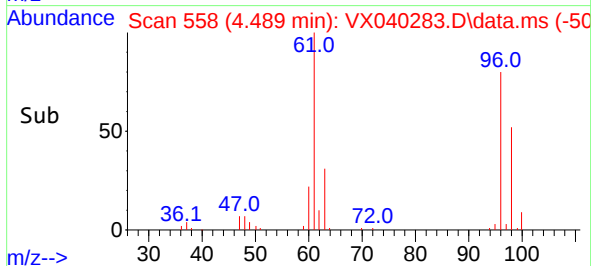
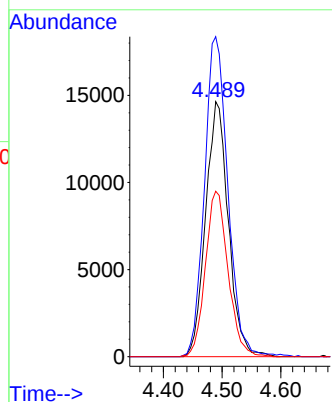


#27
cis-1,2-Dichloroethene
Concen: 42.889 ug/l
RT: 4.489 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20240215

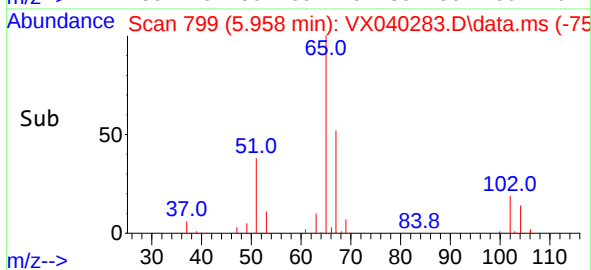
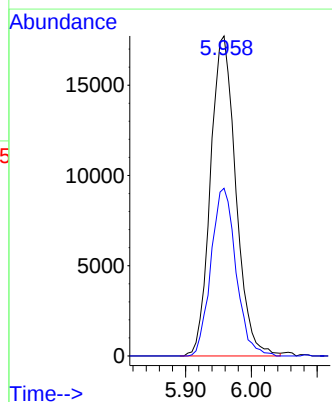
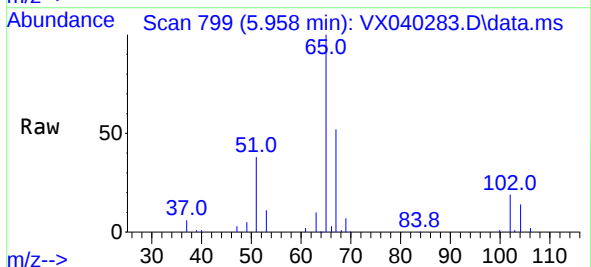


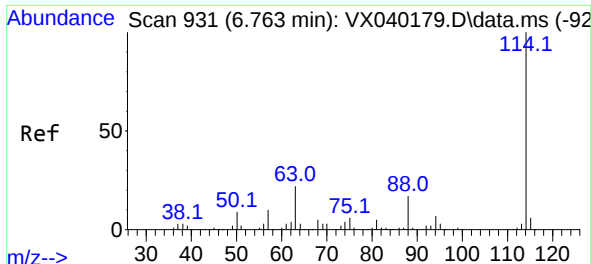
Tgt Ion: 96 Resp: 39404
Ion Ratio Lower Upper
96 100
61 129.3 0.0 312.2
98 64.7 0.0 129.0



#33
1,2-Dichloroethane-d4
Concen: 46.158 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

Tgt Ion: 65 Resp: 47562
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

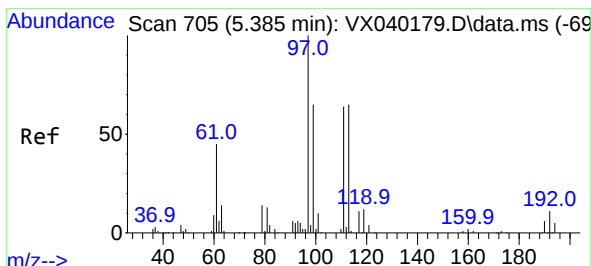
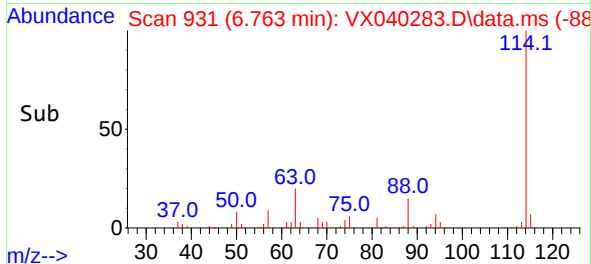
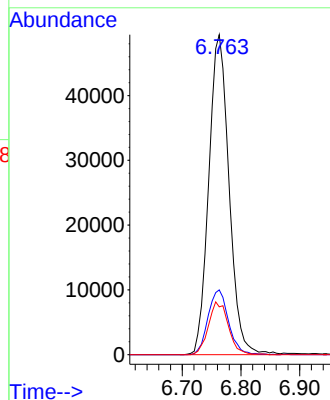
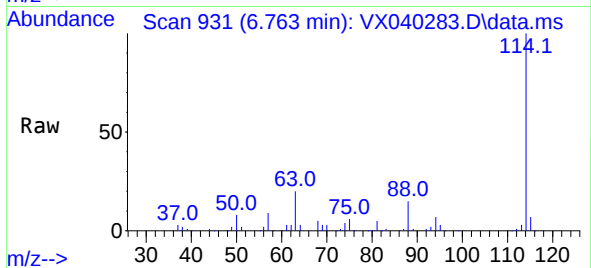




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

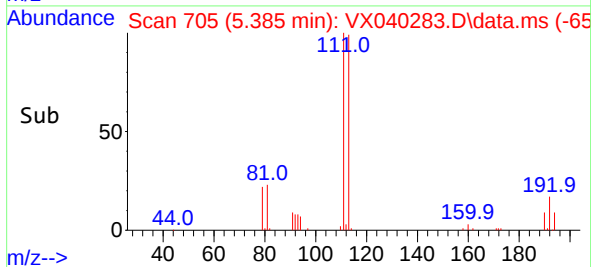
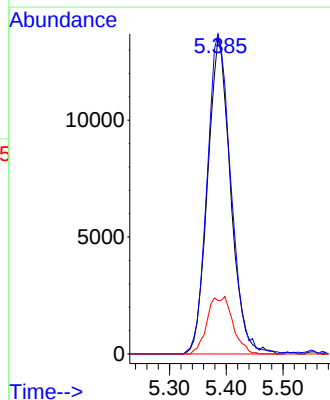
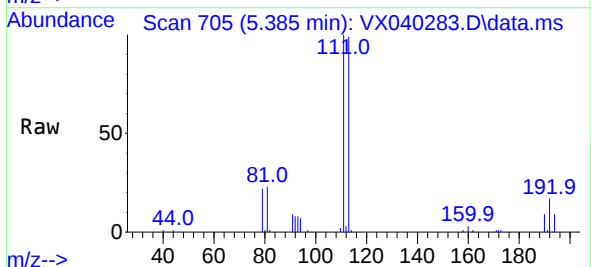
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20240215

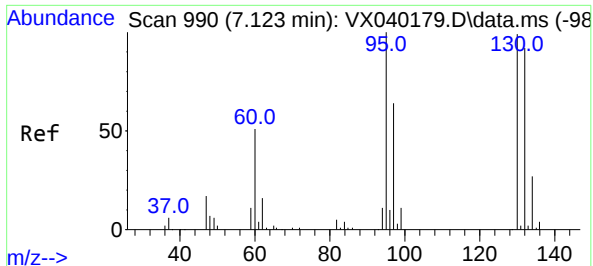
Tgt Ion:114 Resp: 118515
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.797 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

Tgt Ion:113 Resp: 37904
Ion Ratio Lower Upper
113 100
111 105.4 82.9 124.3
192 20.3 13.3 19.9#

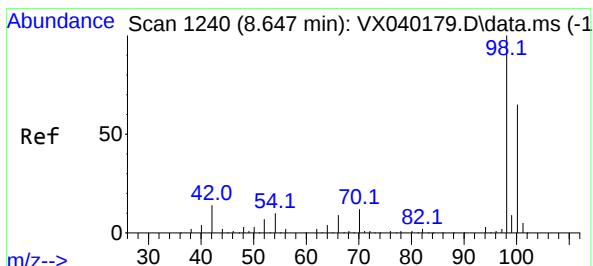
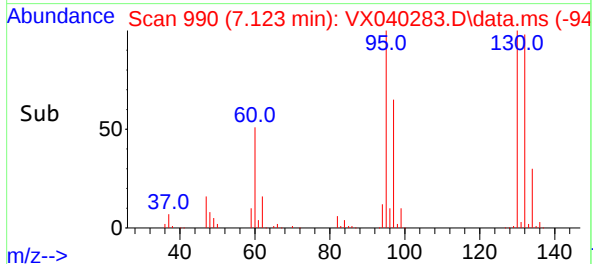
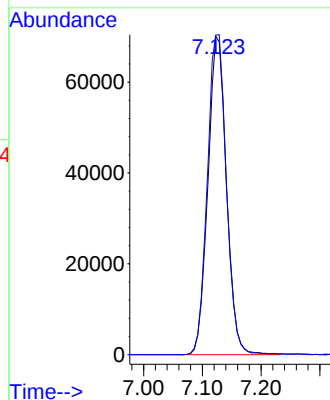
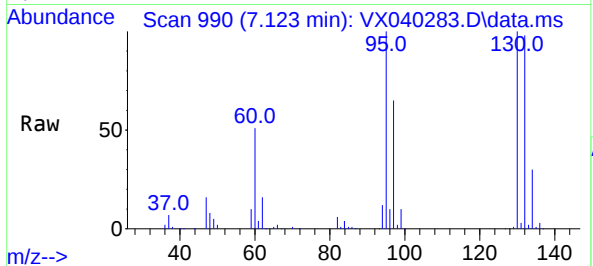




#44
Trichloroethene
Concen: 171.406 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

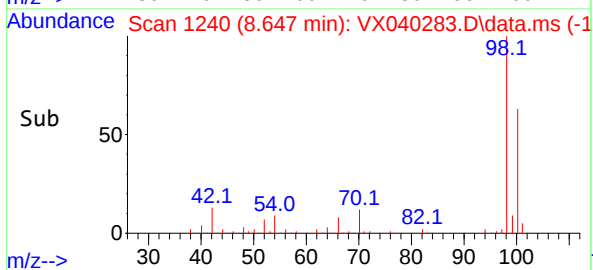
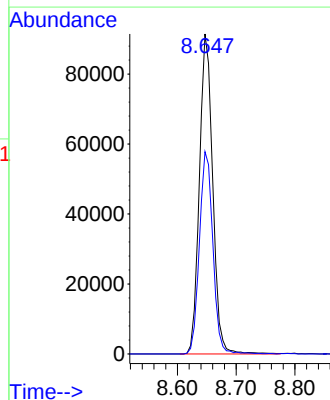
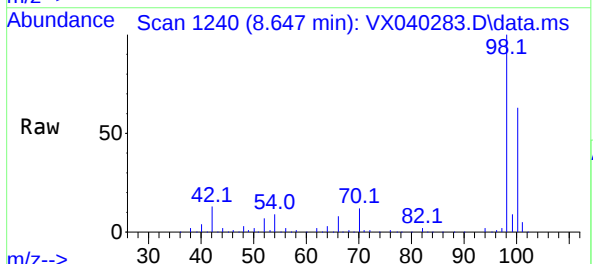
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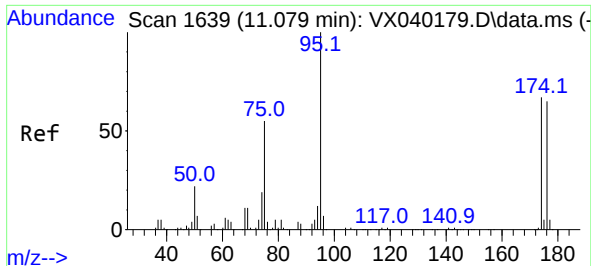
Tgt Ion:130 Resp: 153293
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.4



#50
Toluene-d8
Concen: 46.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

Tgt Ion: 98 Resp: 144223
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

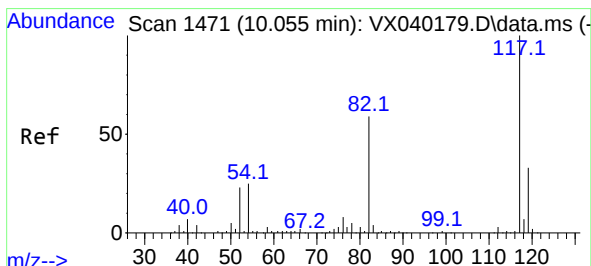
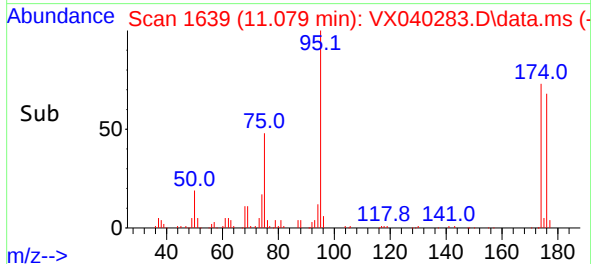
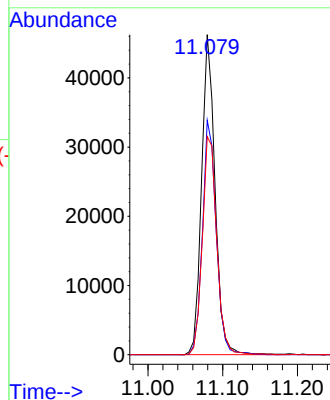
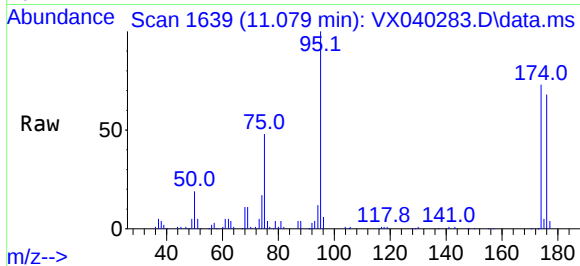




#62
4-Bromofluorobenzene
Concen: 45.696 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

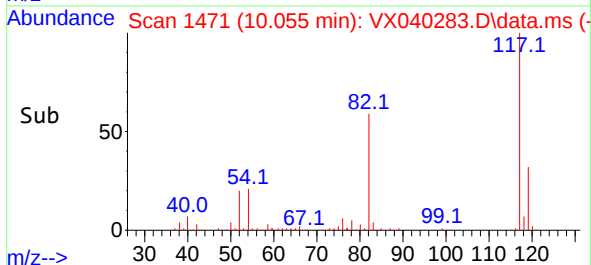
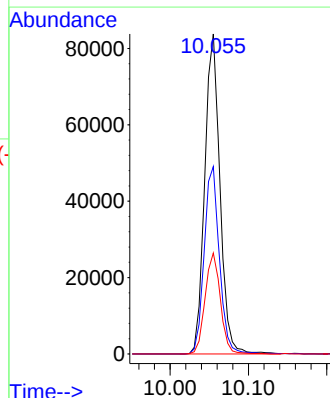
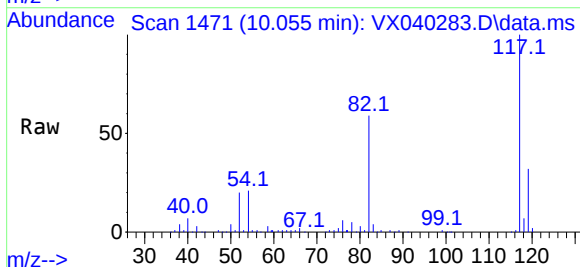
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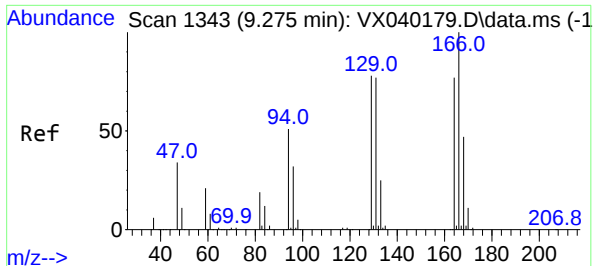
Tgt Ion: 95 Resp: 57699
Ion Ratio Lower Upper
95 100
174 74.9 0.0 135.6
176 73.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

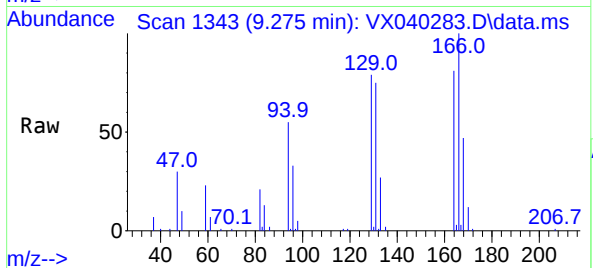
Tgt Ion: 117 Resp: 112977
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.6 25.5 38.3





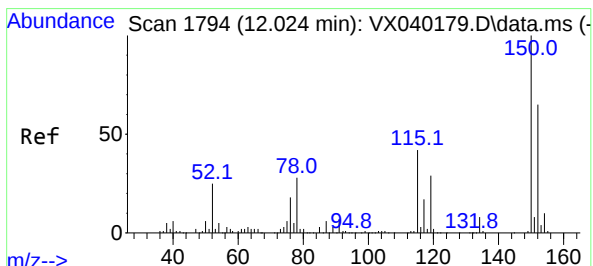
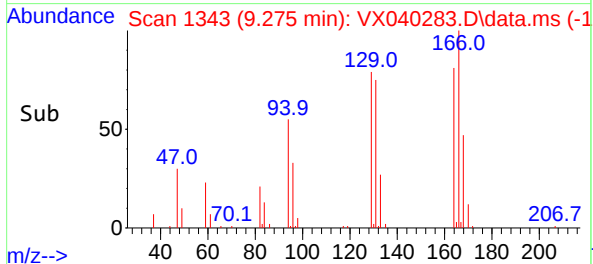
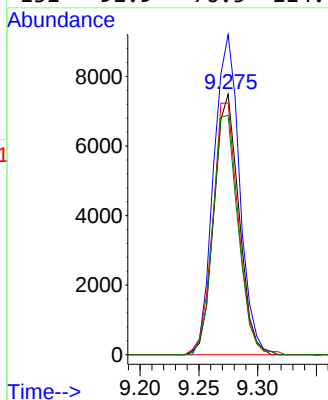
#64
Tetrachloroethene
Concen: 13.914 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040283.D
Acq: 16 Feb 2024 17:02

Instrument :
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Tgt Ion:164 Resp: 11016

Ion	Ratio	Lower	Upper
164	100		
166	122.9	102.7	154.1
129	96.6	80.4	120.6
131	91.9	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: VX040283.D
Acq: 16 Feb 2024 17:02

Tgt Ion:152 Resp: 58911

Ion	Ratio	Lower	Upper
152	100		
115	59.7	43.3	129.9
150	152.4	0.0	345.0

