

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040299.D
 Acq On : 17 Feb 2024 14:01
 Operator : JC/MD
 Sample : P1507-18DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20240215DL

Quant Time: Feb 19 03:56:51 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)

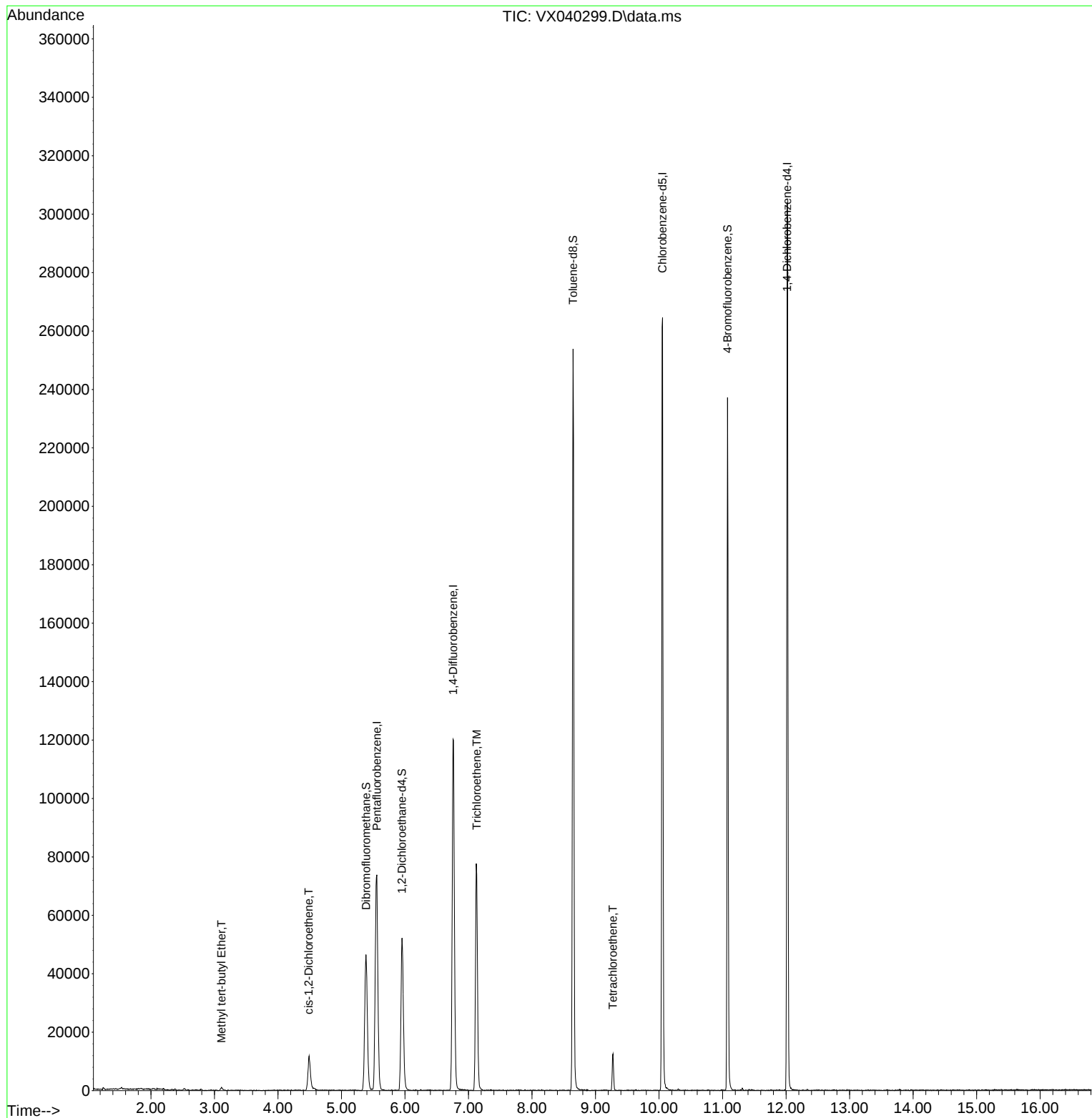
Internal Standards						
1) Pentafluorobenzene	5.556	168	71992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	123596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49589	46.300	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.600%
35) Dibromofluoromethane	5.385	113	40271	46.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.647	98	150926	46.745	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.500%
62) 4-Bromofluorobenzene	11.079	95	60026	45.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.111	73	1213	0.468	ug/l	# 77
27) cis-1,2-Dichloroethene	4.483	96	7363	7.710	ug/l	82
44) Trichloroethene	7.129	130	29591	31.727	ug/l	95
64) Tetrachloroethene	9.275	164	2268	2.667	ug/l	94

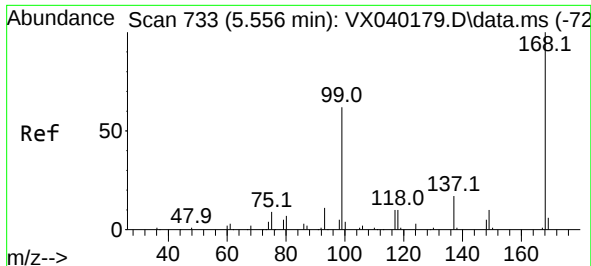
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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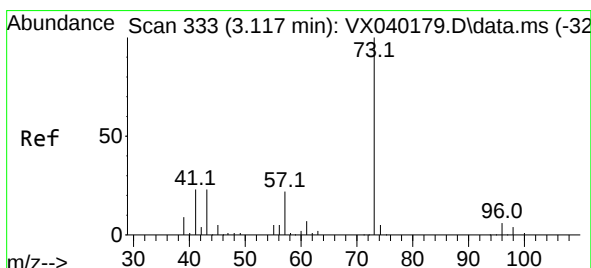
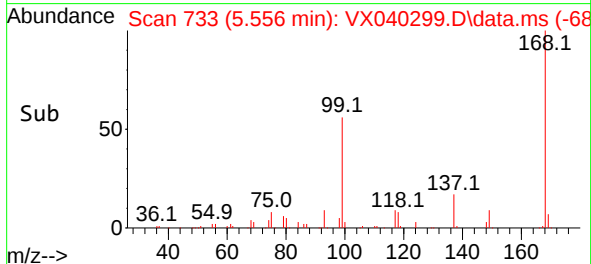
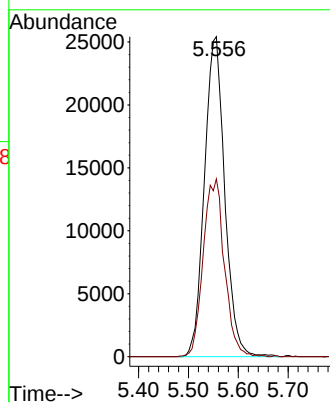
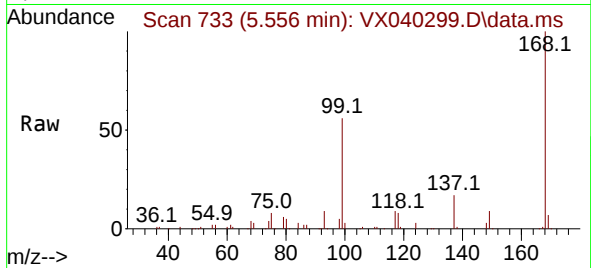




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

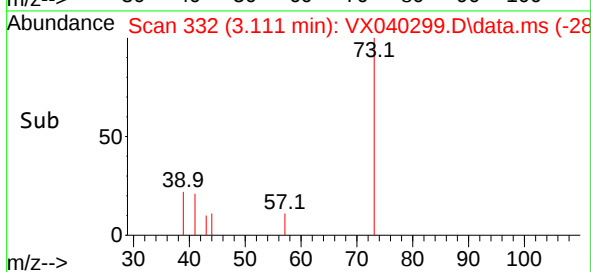
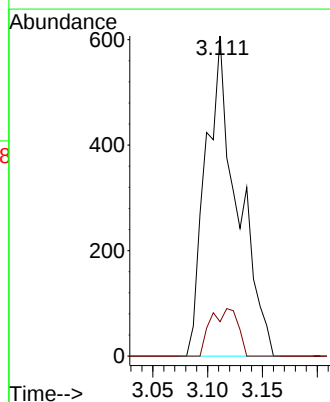
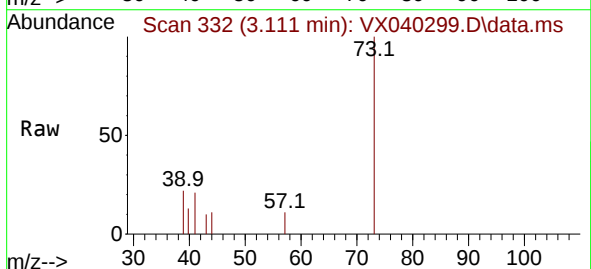
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20240215DL

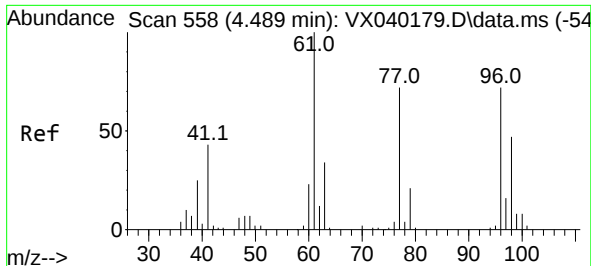
Tgt Ion:168 Resp: 71992
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#19
Methyl tert-butyl Ether
Concen: 0.468 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 73 Resp: 1213
Ion Ratio Lower Upper
73 100
57 10.7 17.3 25.9#





#27

cis-1,2-Dichloroethene

Concen: 7.710 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040299.D

Acq: 17 Feb 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

MW179D-20240215DL

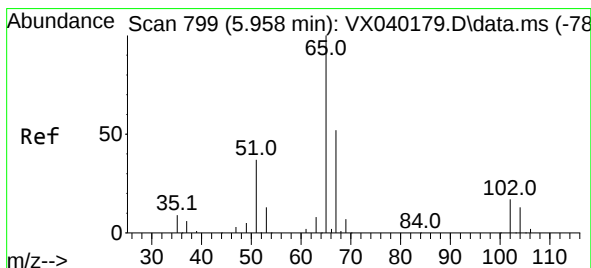
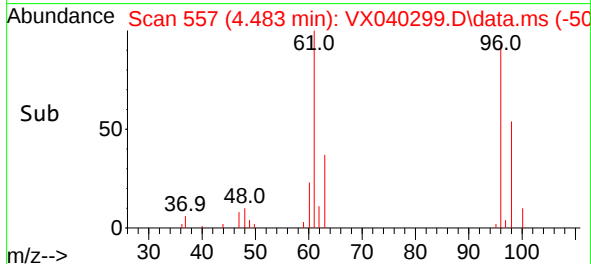
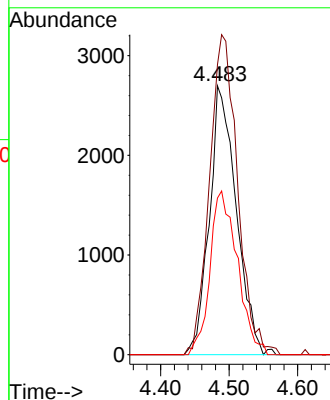
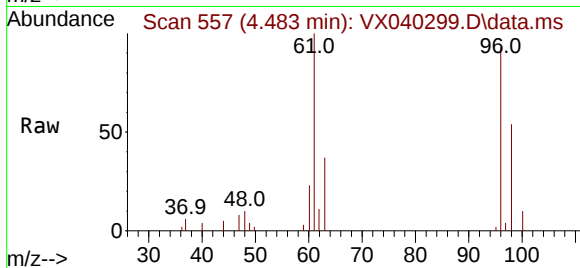
Tgt Ion: 96 Resp: 7363

Ion Ratio Lower Upper

96 100

61 124.2 0.0 312.2

98 62.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 46.300 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040299.D

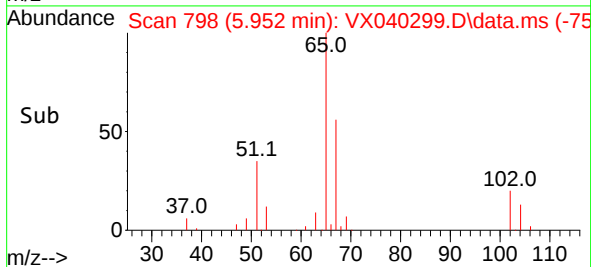
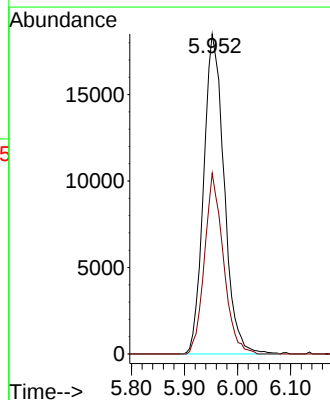
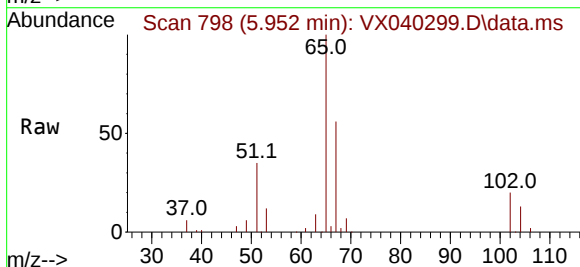
Acq: 17 Feb 2024 14:01

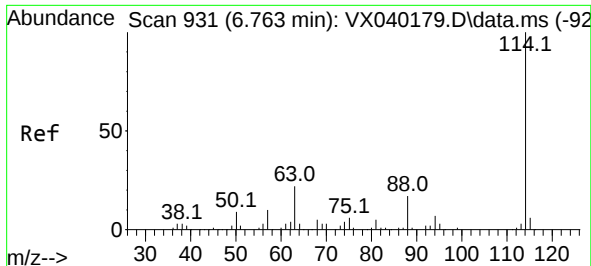
Tgt Ion: 65 Resp: 49589

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2

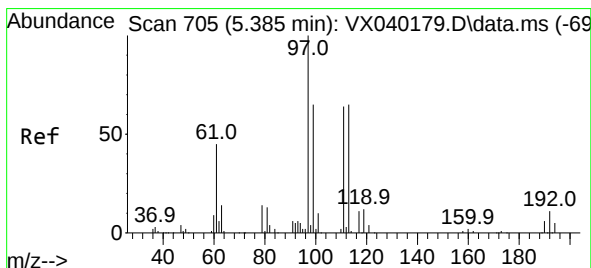
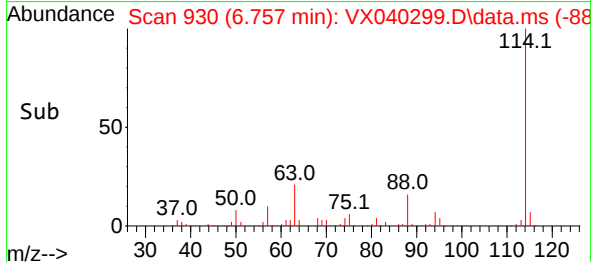
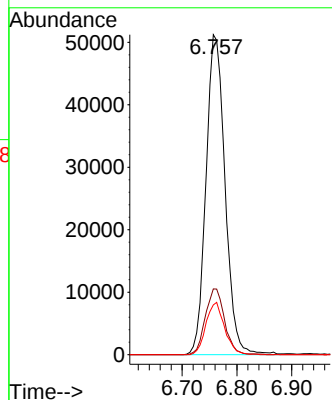
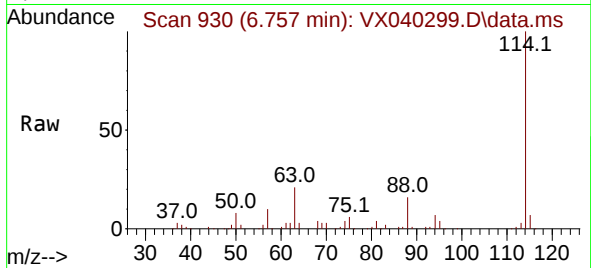




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

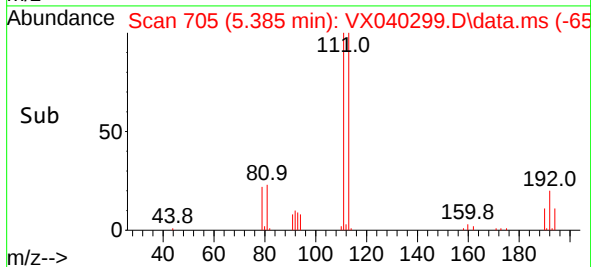
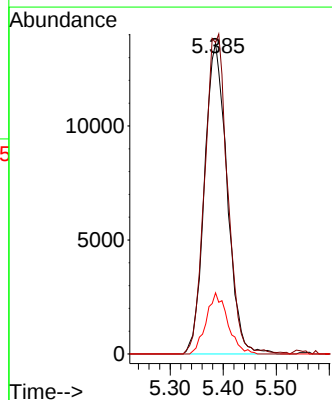
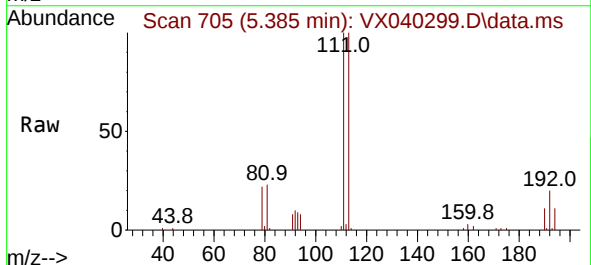
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20240215DL

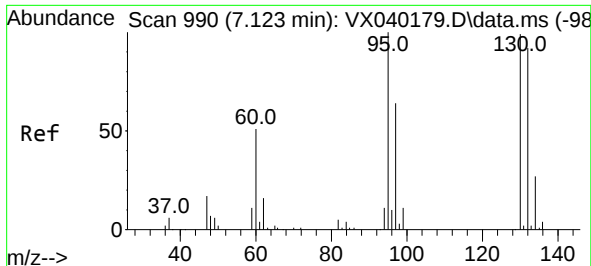
Tgt Ion:114 Resp: 123596
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.657 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion:113 Resp: 40271
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.8 13.3 19.9

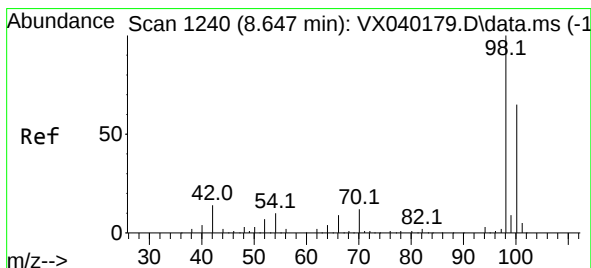
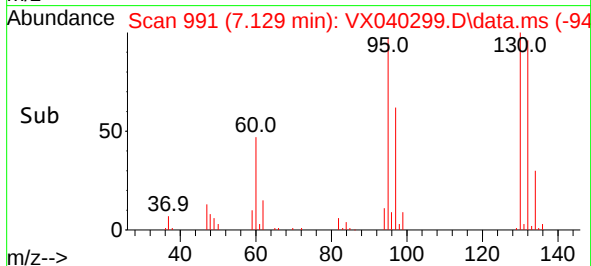
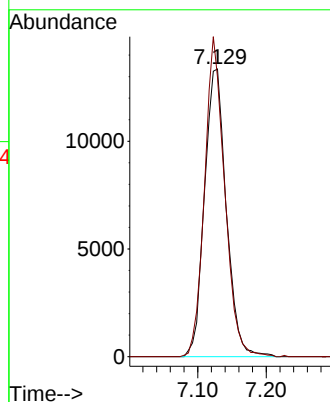
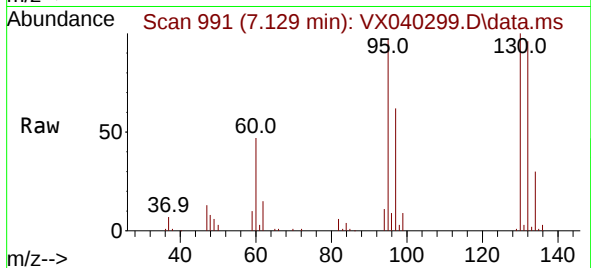




#44
Trichloroethene
Concen: 31.727 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

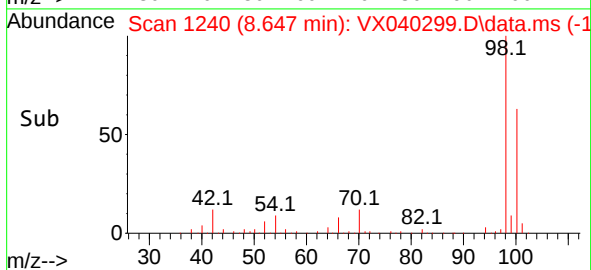
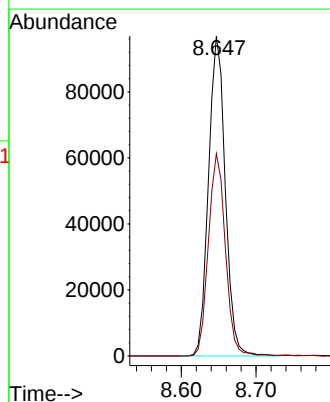
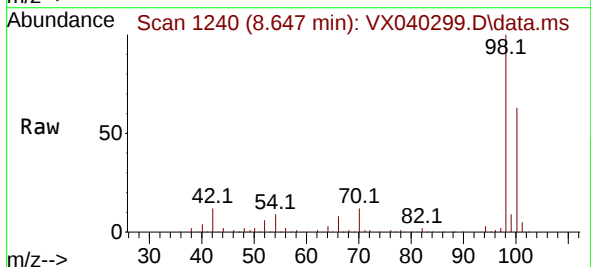
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20240215DL

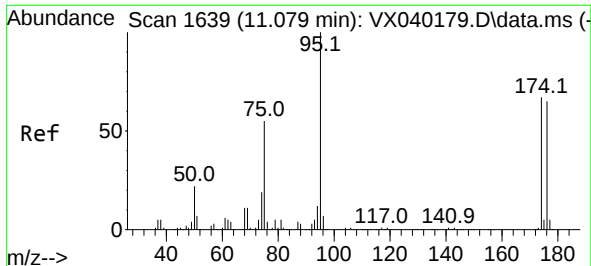
Tgt Ion:130 Resp: 29591
Ion Ratio Lower Upper
130 100
95 97.2 0.0 204.4



#50
Toluene-d8
Concen: 46.745 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 98 Resp: 150926
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

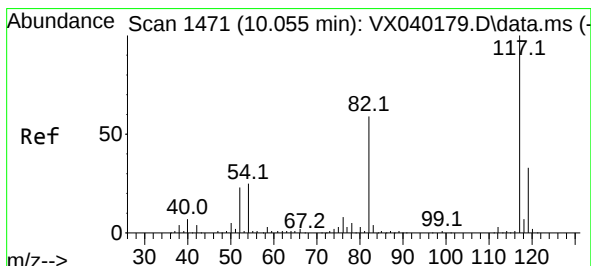
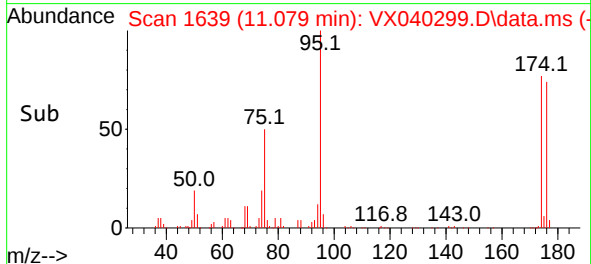
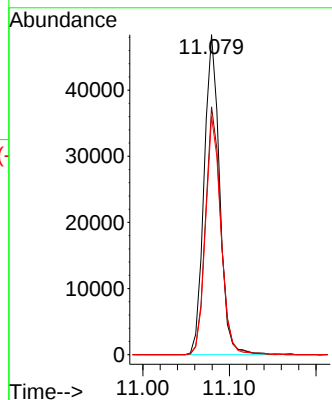
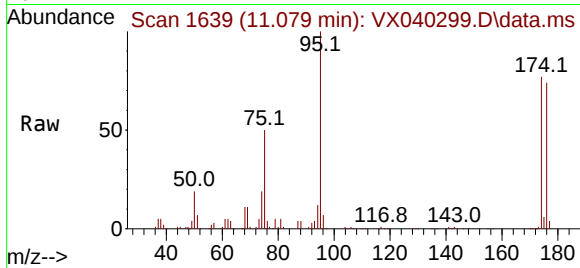




#62
4-Bromofluorobenzene
Concen: 45.585 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

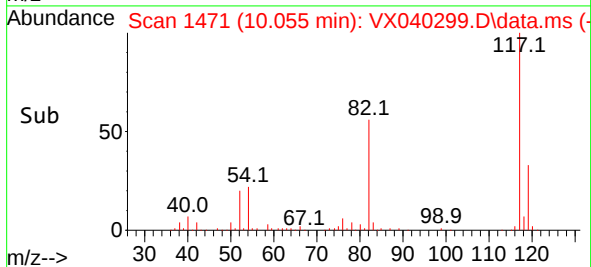
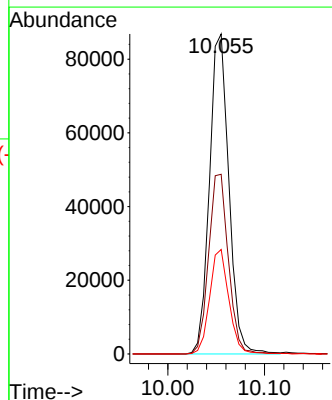
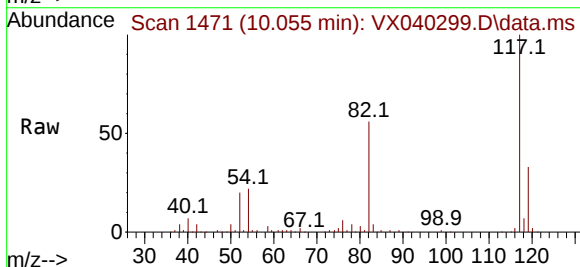
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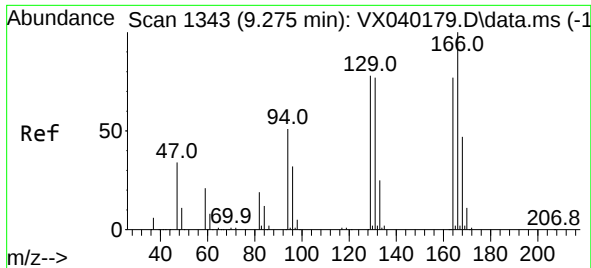
Tgt Ion: 95 Resp: 60026
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 74.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 117 Resp: 121371
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.7 25.5 38.3



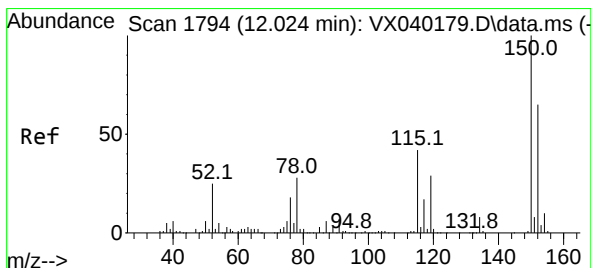
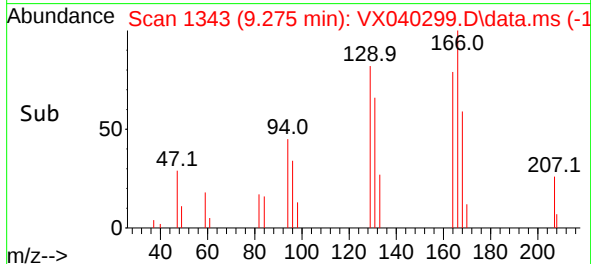
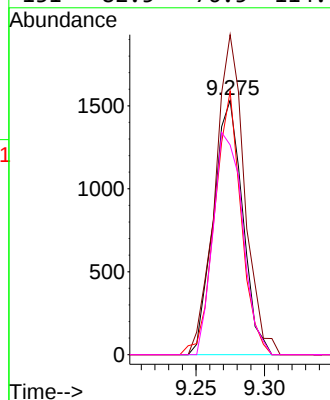
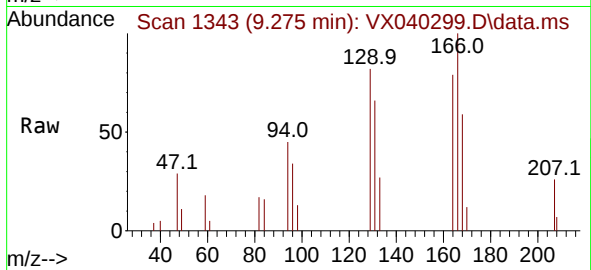


#64
Tetrachloroethene
Concen: 2.667 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 2268

Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.7	154.1
129	103.7	80.4	120.6
131	82.5	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion:152 Resp: 62614

Ion	Ratio	Lower	Upper
152	100		
115	58.5	43.3	129.9
150	154.4	0.0	345.0

