

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033319.D
 Acq On : 08 Dec 2022 13:32
 Operator : JC/MD
 Sample : N5906-09DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28DL

Quant Time: Dec 09 00:46:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

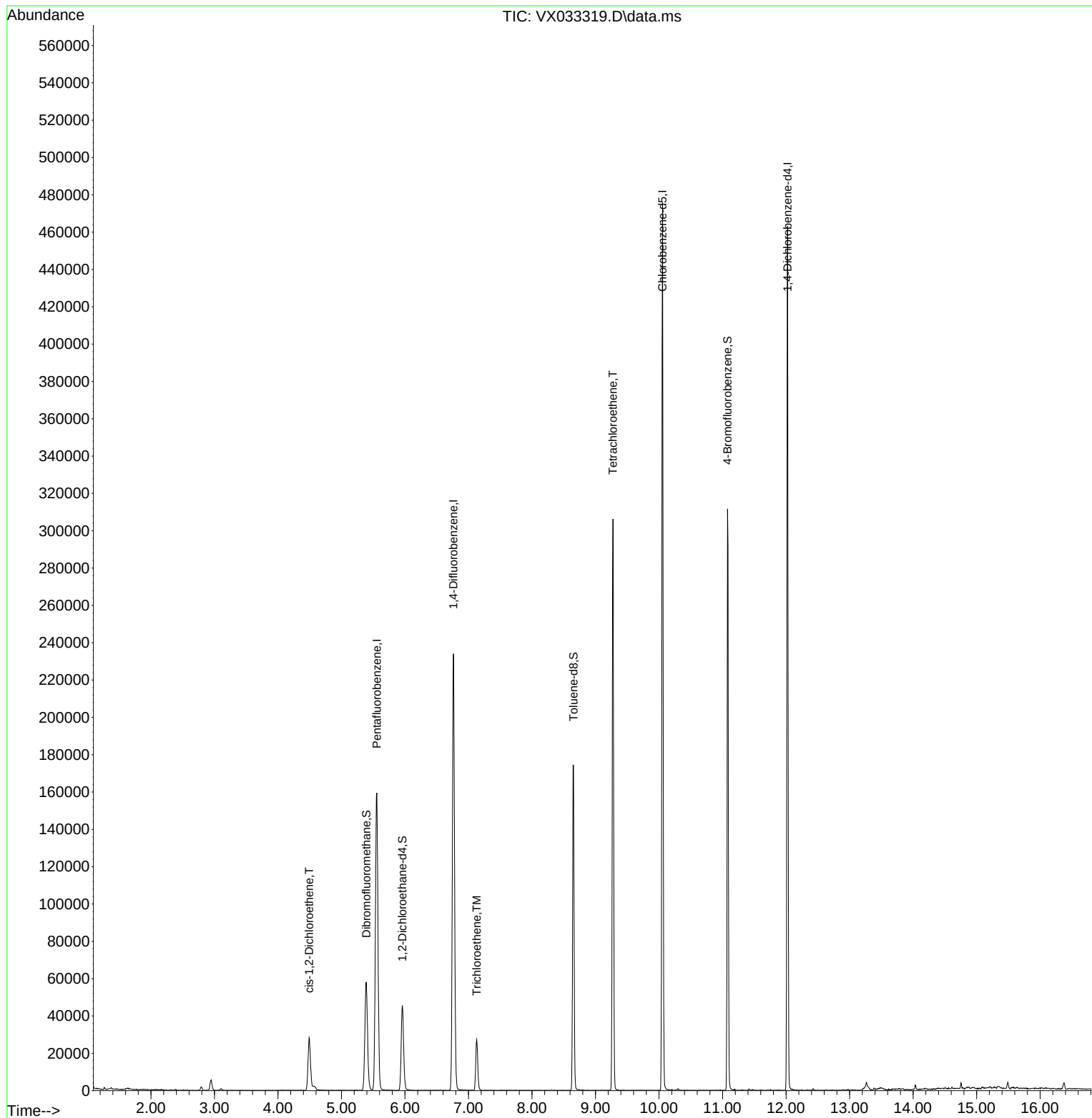
Internal Standards						
1) Pentafluorobenzene	5.556	168	153826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47701	48.337	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.680%
35) Dibromofluoromethane	5.391	113	51198	46.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	8.653	98	108391	47.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.360%
62) 4-Bromofluorobenzene	11.079	95	83606	47.593	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.489	96	18171	9.967	ug/l	90
44) Trichloroethene	7.129	130	11190	6.501	ug/l	98
64) Tetrachloroethene	9.275	164	57204	39.229	ug/l	98

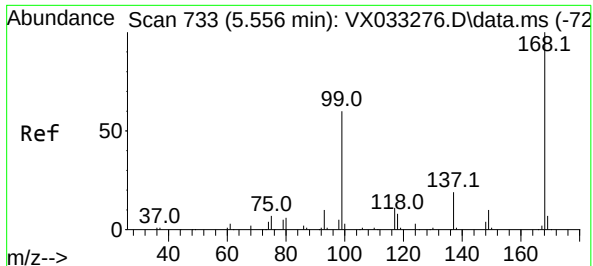
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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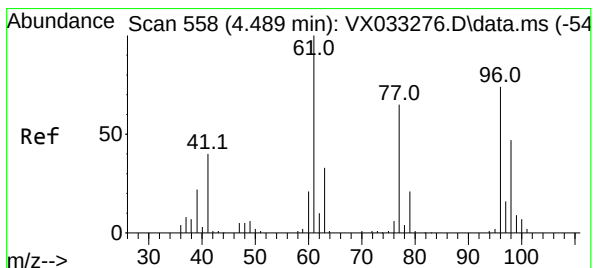
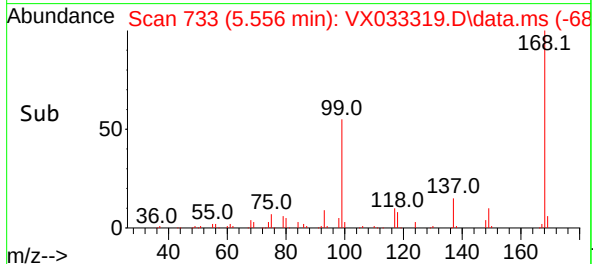
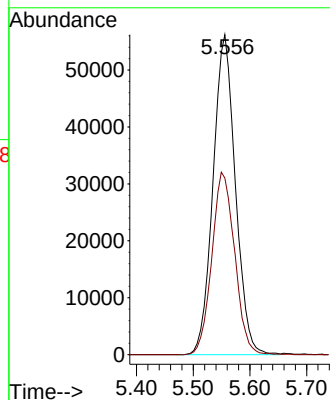
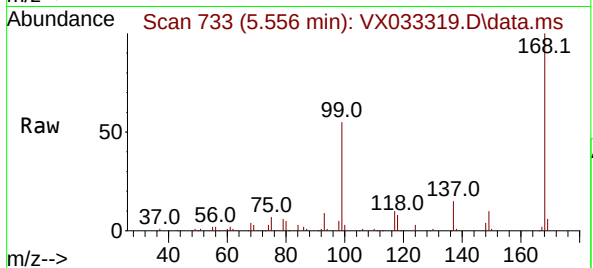




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

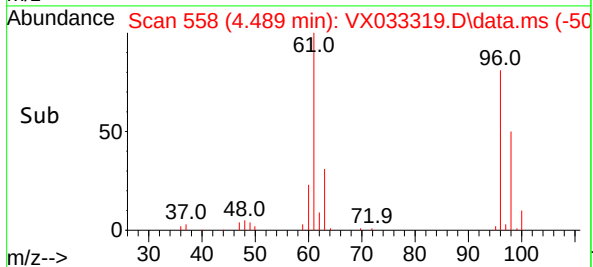
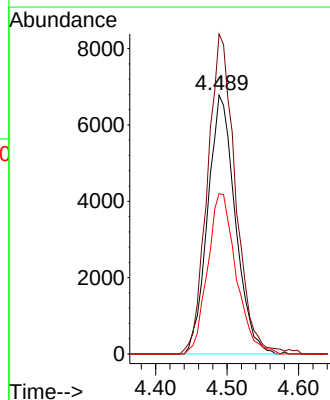
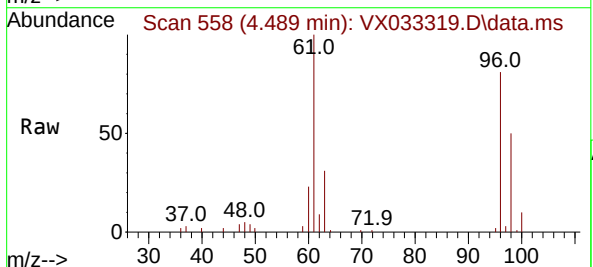
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

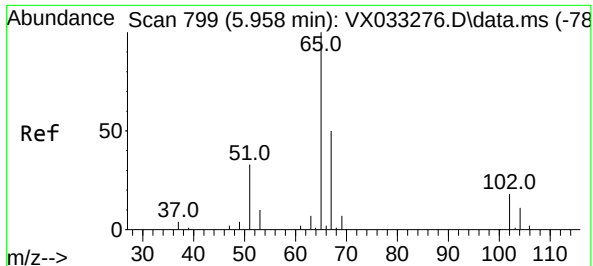
Tgt Ion:168 Resp: 153826
Ion Ratio Lower Upper
168 100
99 55.2 46.1 69.1



#27
cis-1,2-Dichloroethene
Concen: 9.967 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion: 96 Resp: 18171
Ion Ratio Lower Upper
96 100
61 125.1 0.0 286.0
98 64.0 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 48.337 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

Instrument :

MSVOA_X

ClientSampleId :

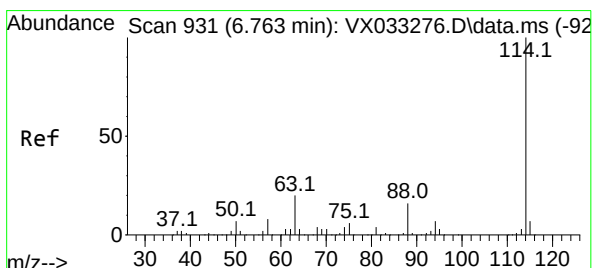
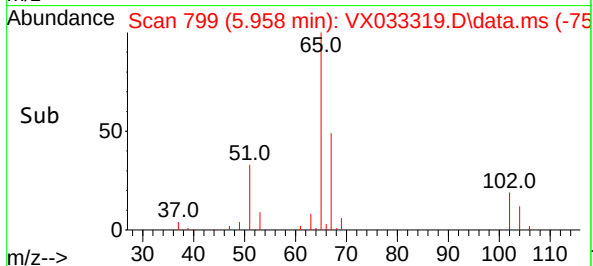
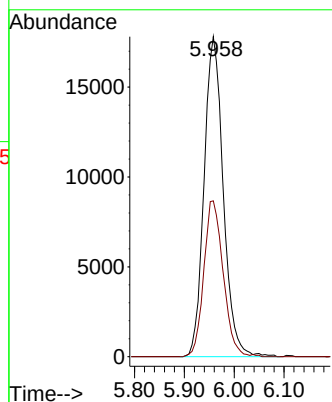
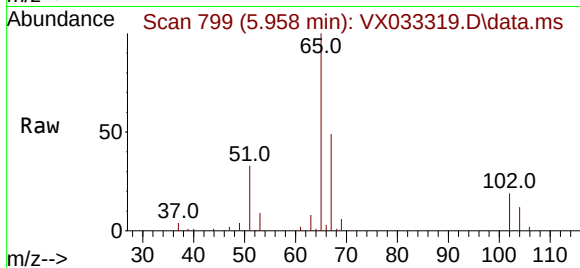
MW-28DL

Tgt Ion: 65 Resp: 47701

Ion Ratio Lower Upper

65 100

67 49.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

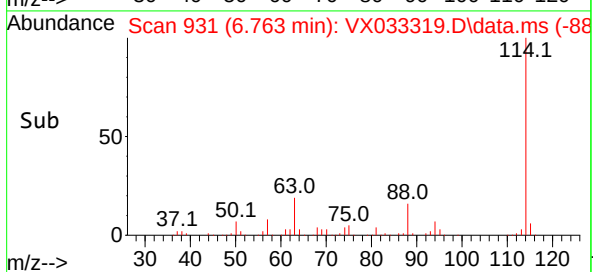
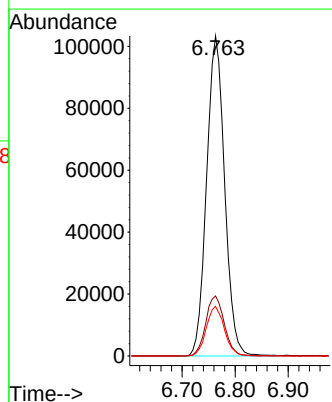
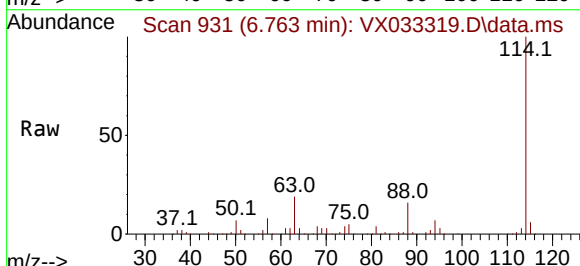
Tgt Ion: 114 Resp: 244174

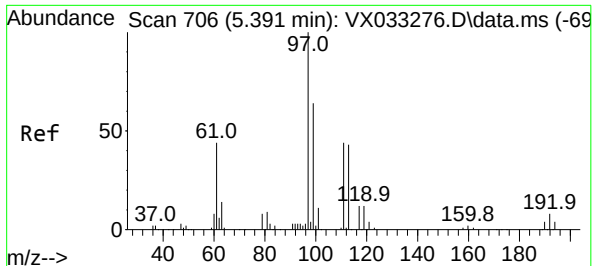
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.618 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033319.D

Acq: 08 Dec 2022 13:32

Instrument :

MSVOA_X

ClientSampleId :

MW-28DL

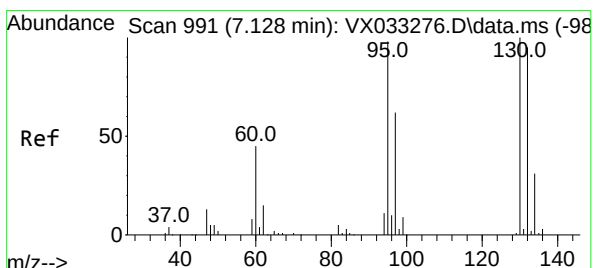
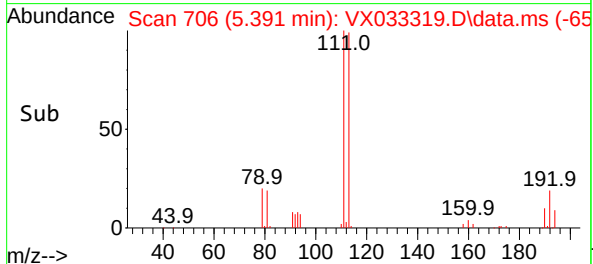
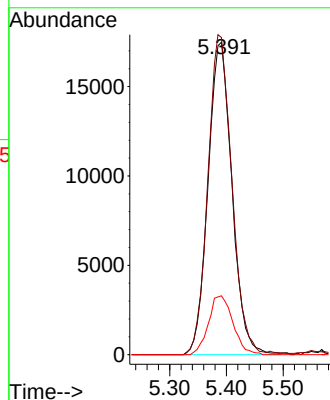
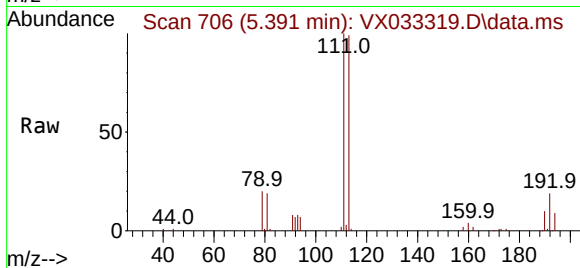
Tgt Ion:113 Resp: 51198

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 19.3 15.4 23.2



#44

Trichloroethene

Concen: 6.501 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX033319.D

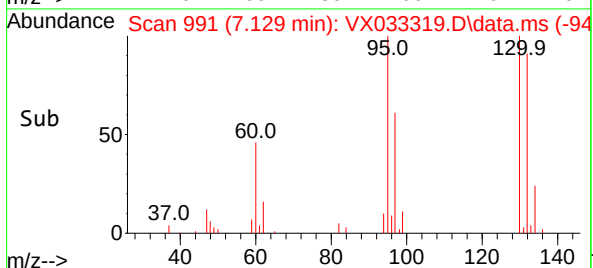
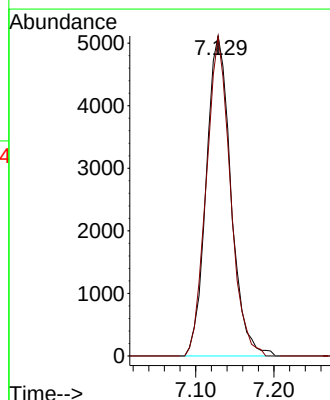
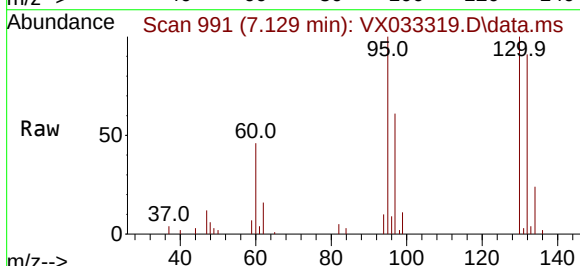
Acq: 08 Dec 2022 13:32

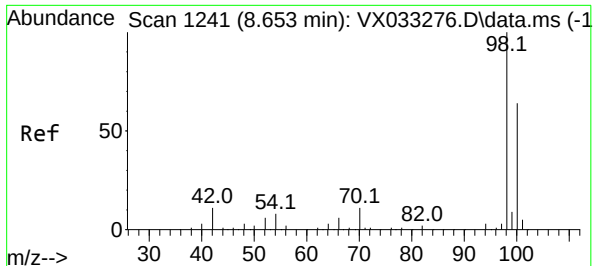
Tgt Ion:130 Resp: 11190

Ion Ratio Lower Upper

130 100

95 99.7 0.0 195.2

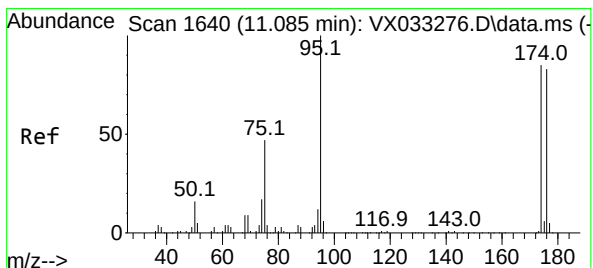
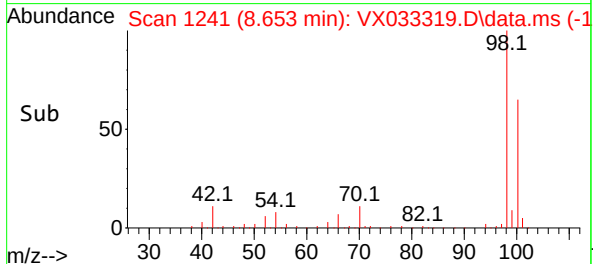
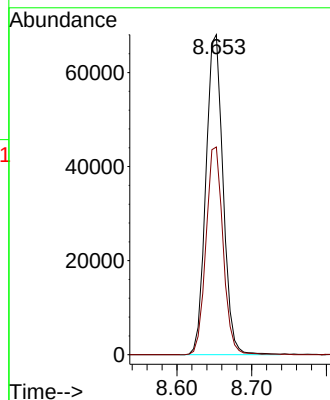
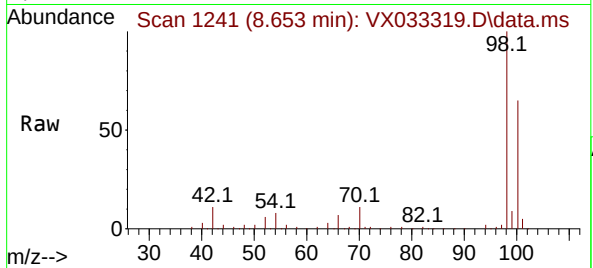




#50
Toluene-d8
Concen: 47.178 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

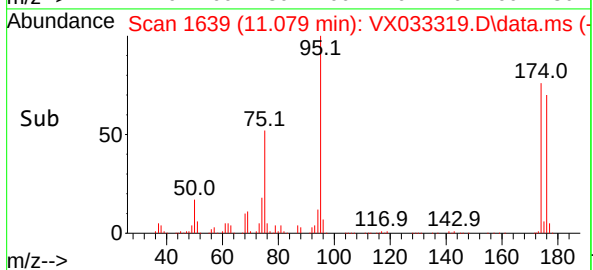
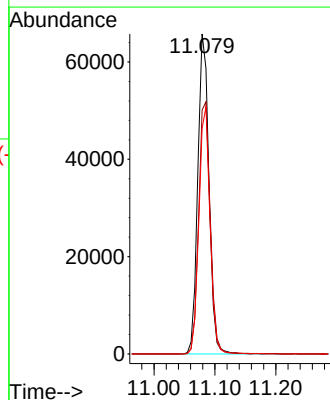
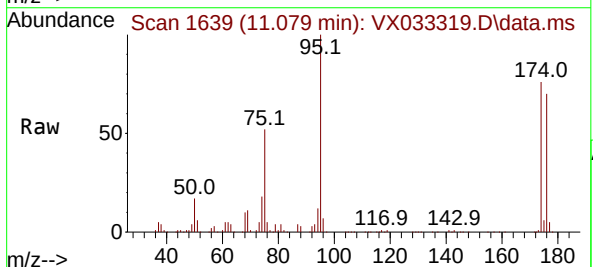
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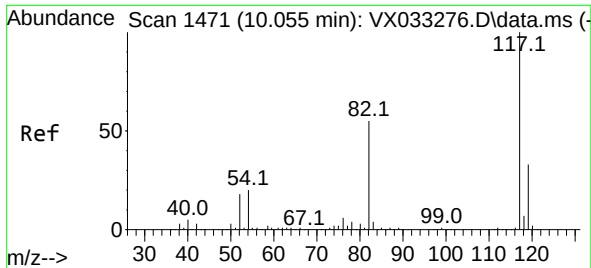
Tgt Ion: 98 Resp: 108391
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion: 95 Resp: 83606
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 77.1 0.0 154.4

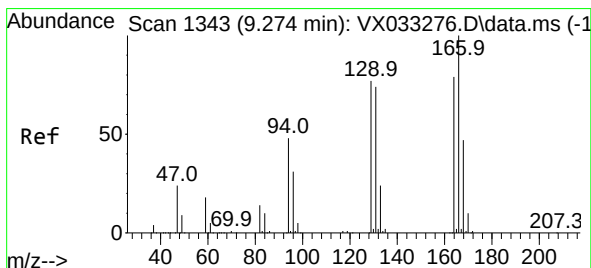
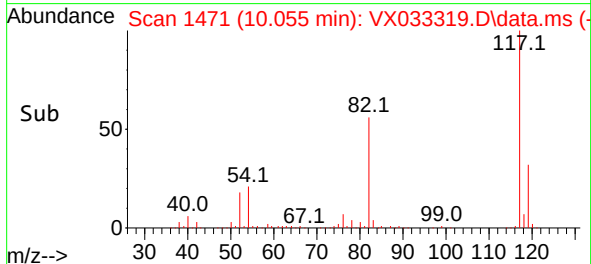
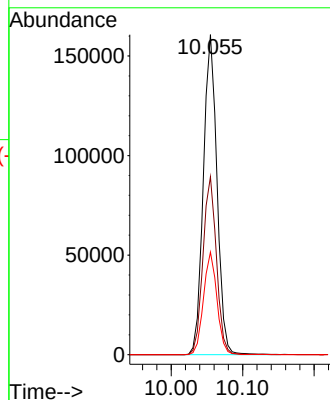
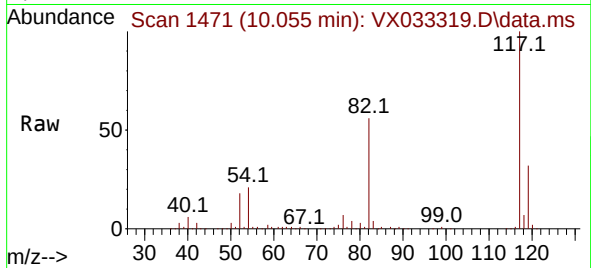




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

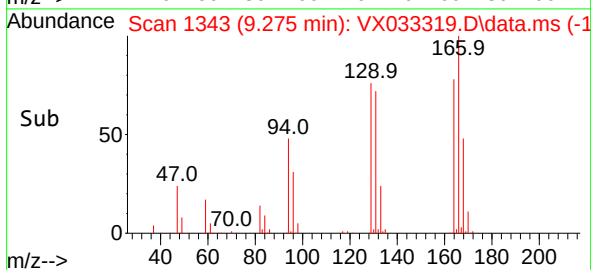
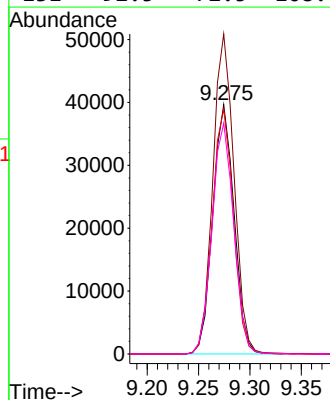
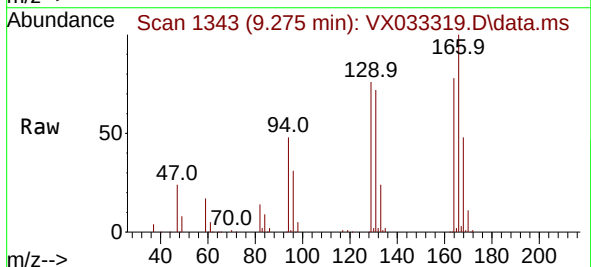
Instrument :
MSVOA_X
ClientSampleId :
MW-28DL

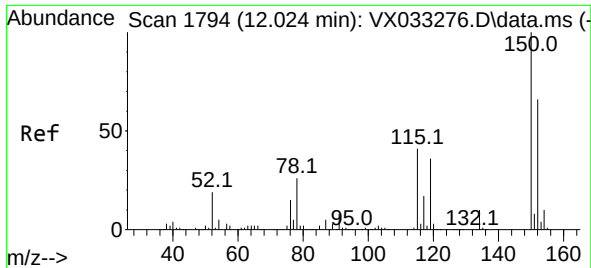
Tgt Ion:117 Resp: 213255
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 39.229 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033319.D
Acq: 08 Dec 2022 13:32

Tgt Ion:164 Resp: 57204
Ion Ratio Lower Upper
164 100
166 128.3 105.4 158.2
129 98.1 78.2 117.2
131 92.5 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033319.D

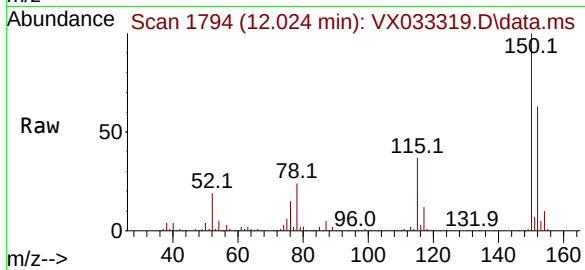
Acq: 08 Dec 2022 13:32

Instrument :

MSVOA_X

ClientSampleId :

MW-28DL



Tgt Ion:152 Resp: 98839

Ion Ratio Lower Upper

152 100

115 59.8 44.0 132.0

150 156.1 0.0 351.8

