

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045136.D
 Acq On : 05 Mar 2025 12:50
 Operator : JC/MD
 Sample : Q1478-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-616-022825DL

Quant Time: Mar 06 01:04:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

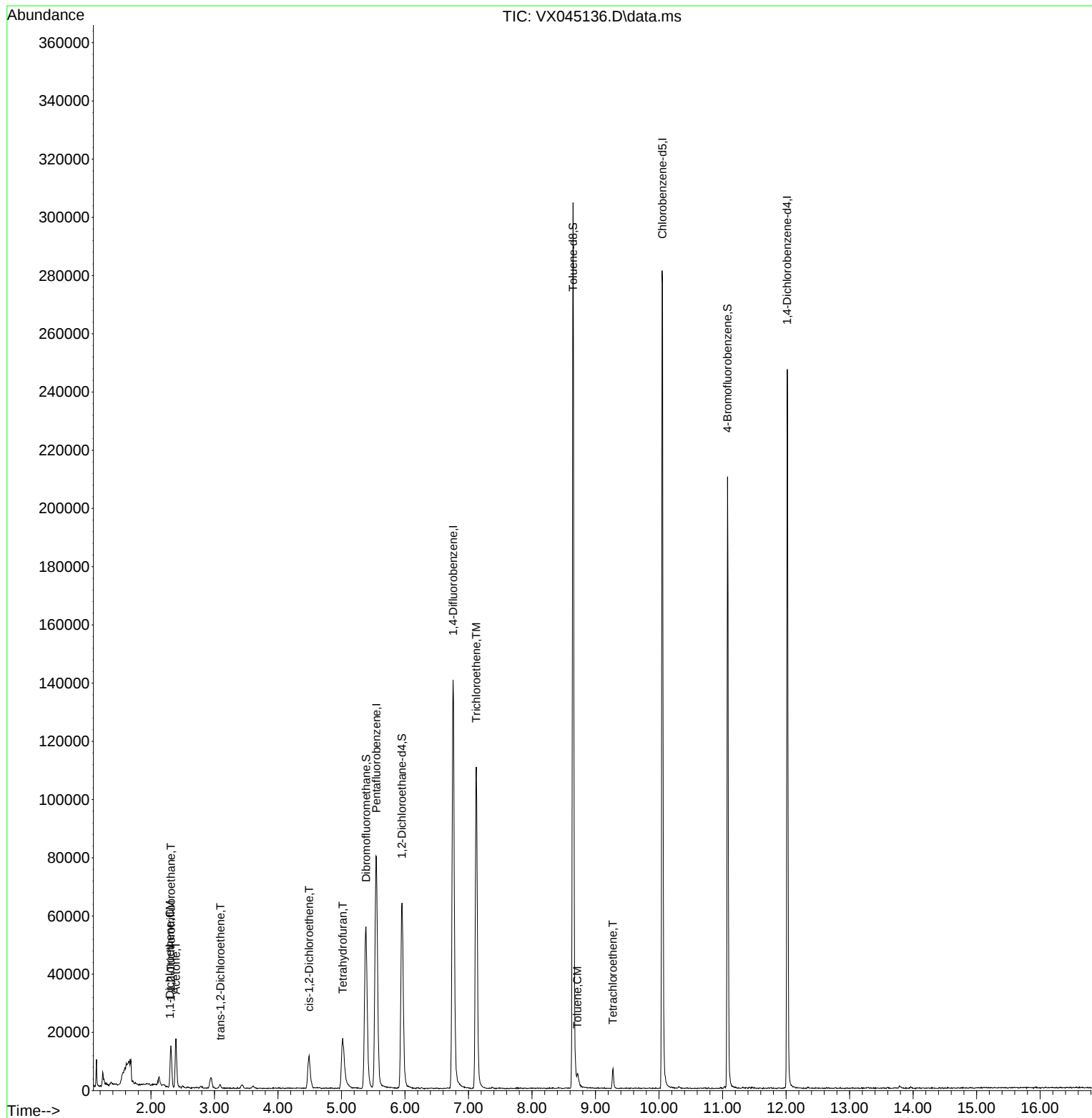
Internal Standards						
1) Pentafluorobenzene	5.550	168	75457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60925	50.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.520%
35) Dibromofluoromethane	5.385	113	49272	50.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	8.647	98	180498	51.017	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	11.079	95	55350	47.212	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.420%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.313	101	5322	6.068	ug/l	98
12) 1,1-Dichloroethene	2.300	96	447	0.482	ug/l #	84
16) Acetone	2.392	43	18948	34.025	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	428	0.467	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	7106	6.284	ug/l	95
29) Tetrahydrofuran	5.019	42	18542	32.939	ug/l	97
44) Trichloroethene	7.123	130	42288	42.614	ug/l	95
52) Toluene	8.714	92	1348	0.544	ug/l	87
64) Tetrachloroethene	9.275	164	1243	1.554	ug/l	97

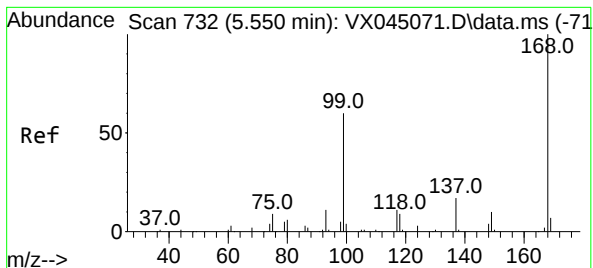
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX045136.D

Acq: 05 Mar 2025 12:50

Instrument :

MSVOA_X

ClientSampleId :

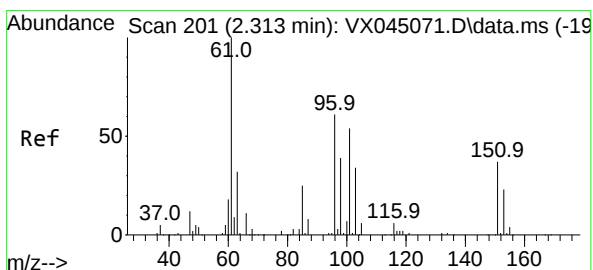
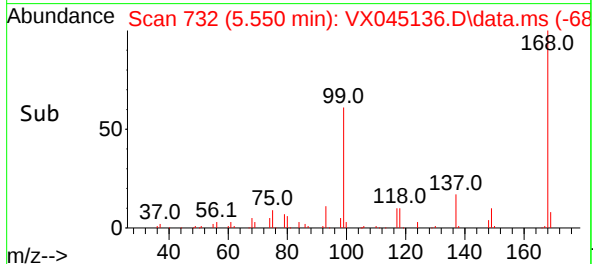
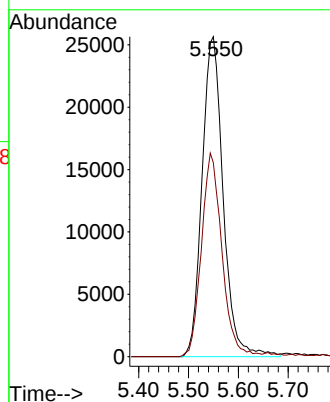
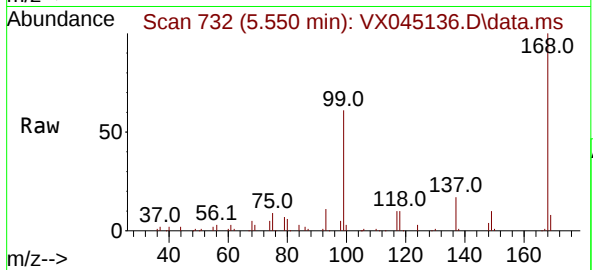
IDW-AQ-DRUM-616-022825DL

Tgt Ion:168 Resp: 75457

Ion Ratio Lower Upper

168 100

99 60.7 48.2 72.4



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.068 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX045136.D

Acq: 05 Mar 2025 12:50

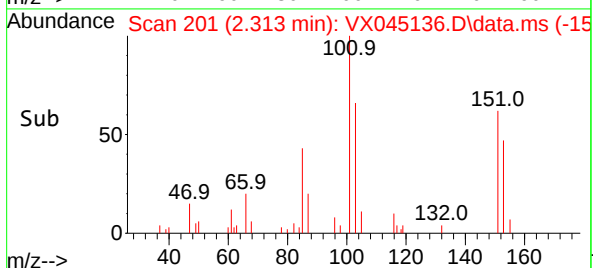
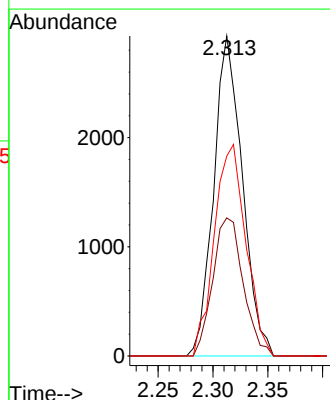
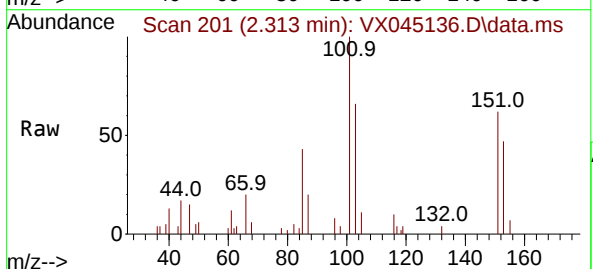
Tgt Ion:101 Resp: 5322

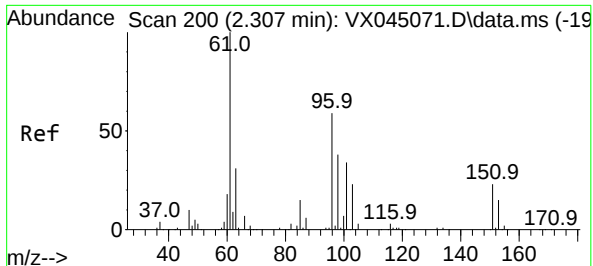
Ion Ratio Lower Upper

101 100

85 45.9 36.2 54.4

151 72.8 56.4 84.6





#12

1,1-Dichloroethene

Concen: 0.482 ug/l

RT: 2.300 min Scan# 199

Delta R.T. -0.006 min

Lab File: VX045136.D

Acq: 05 Mar 2025 12:50

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-616-022825DL

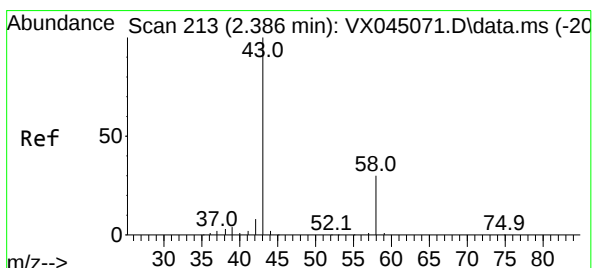
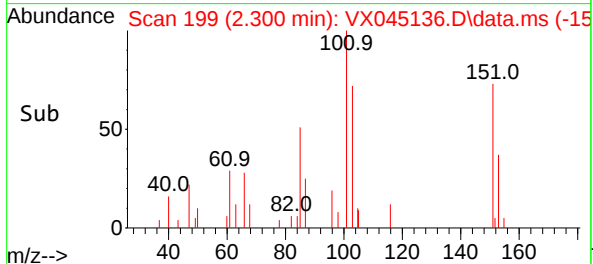
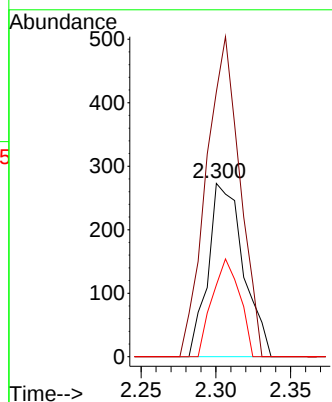
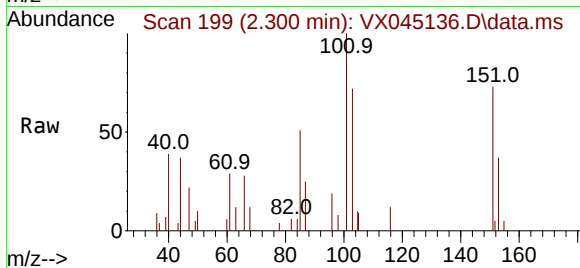
Tgt Ion: 96 Resp: 447

Ion Ratio Lower Upper

96 100

61 152.7 134.6 202.0

98 41.4 51.0 76.6#



#16

Acetone

Concen: 34.025 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045136.D

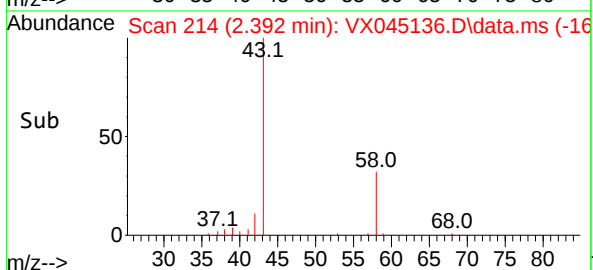
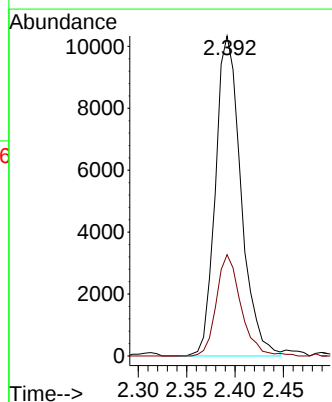
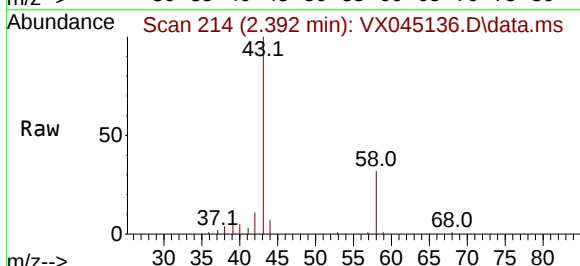
Acq: 05 Mar 2025 12:50

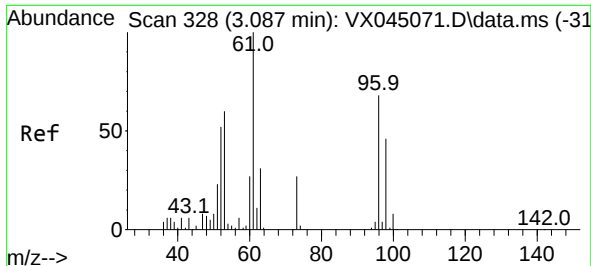
Tgt Ion: 43 Resp: 18948

Ion Ratio Lower Upper

43 100

58 31.7 24.2 36.4

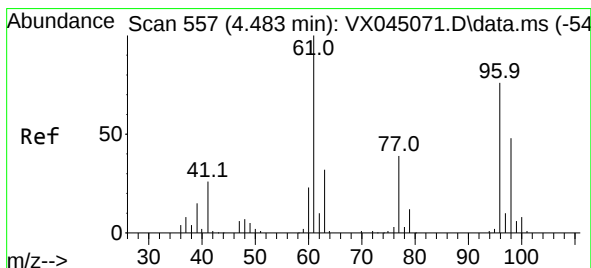
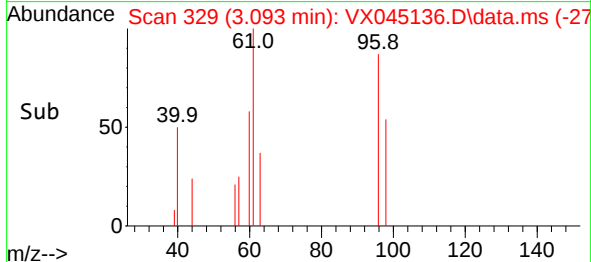
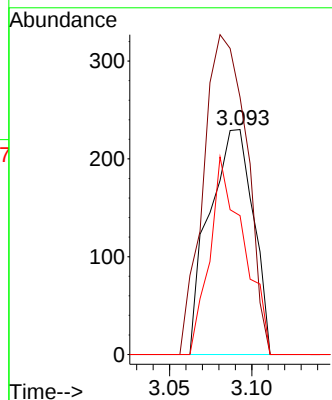
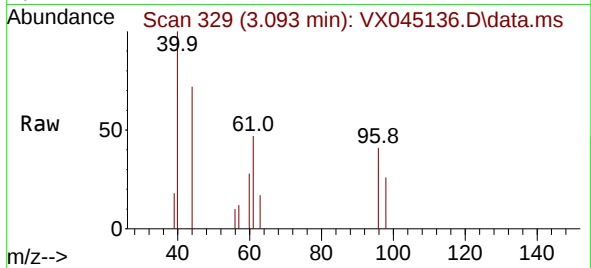




#21
trans-1,2-Dichloroethene
Concen: 0.467 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

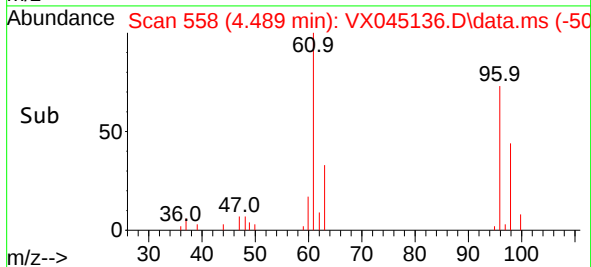
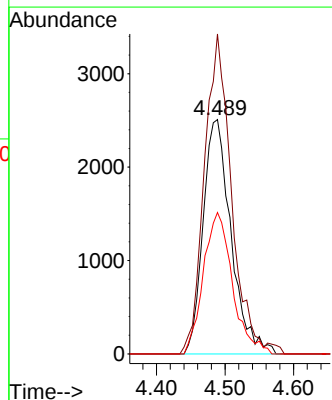
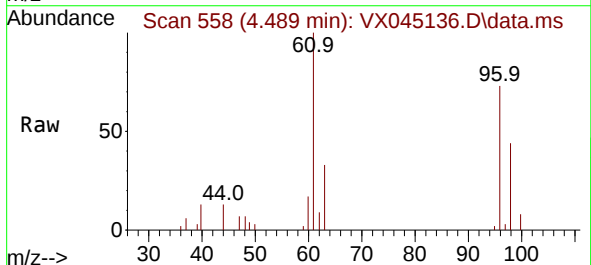
Instrument :
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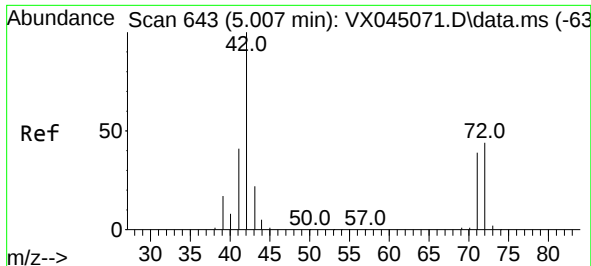
Tgt Ion: 96 Resp: 428
Ion Ratio Lower Upper
96 100
61 114.3 117.0 175.4#
98 61.7 53.4 80.2



#27
cis-1,2-Dichloroethene
Concen: 6.284 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

Tgt Ion: 96 Resp: 7106
Ion Ratio Lower Upper
96 100
61 133.2 0.0 283.2
98 62.8 0.0 128.0

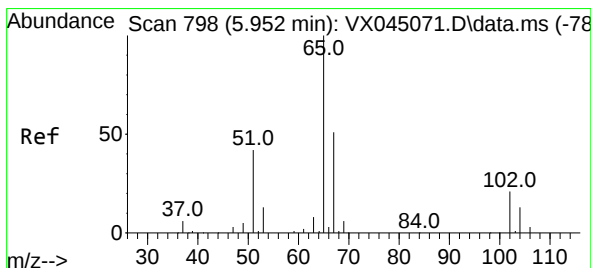
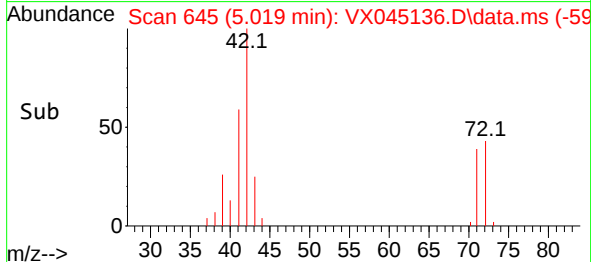
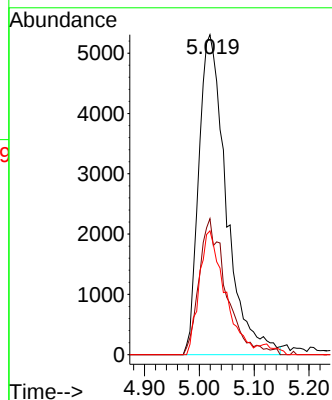
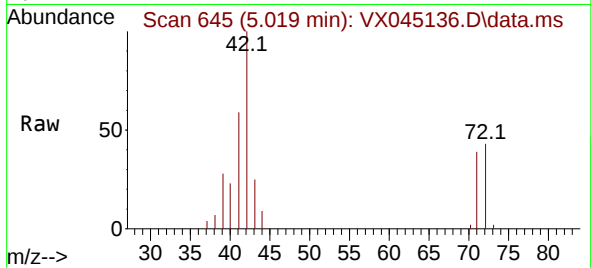




#29
Tetrahydrofuran
Concen: 32.939 ug/l
RT: 5.019 min Scan# 643
Delta R.T. 0.012 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

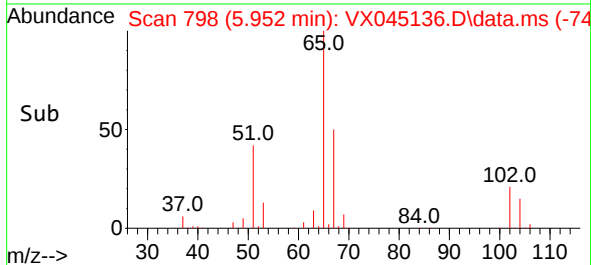
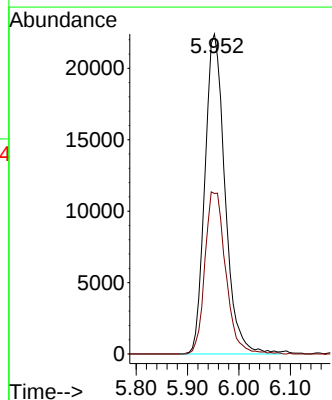
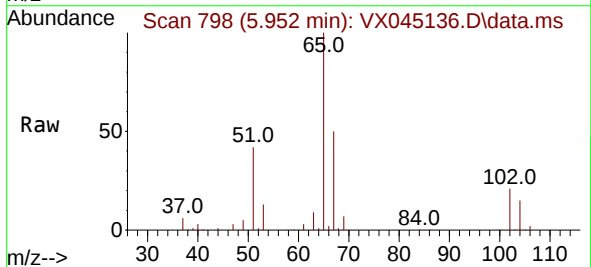
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-616-022825DL

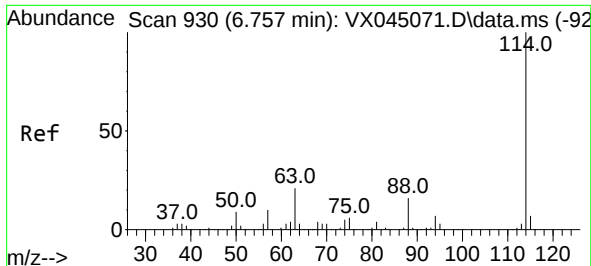
Tgt Ion:	42	Resp:	18542
Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.1	51.1
71	36.1	31.4	47.0



#33
1,2-Dichloroethane-d4
Concen: 50.760 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

Tgt Ion:	65	Resp:	60925
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.2

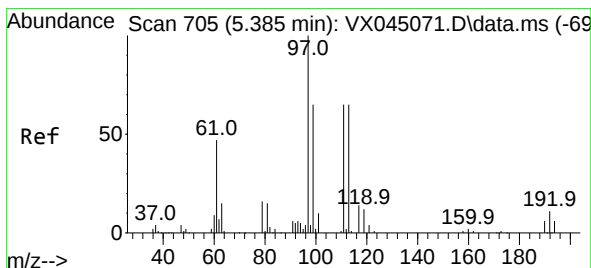
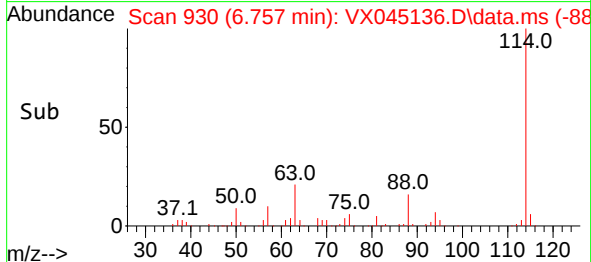
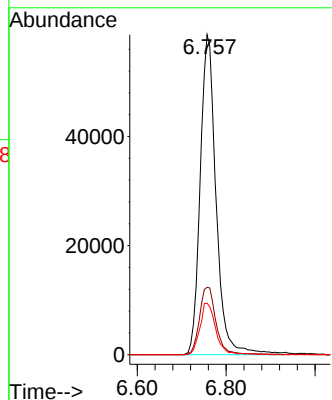
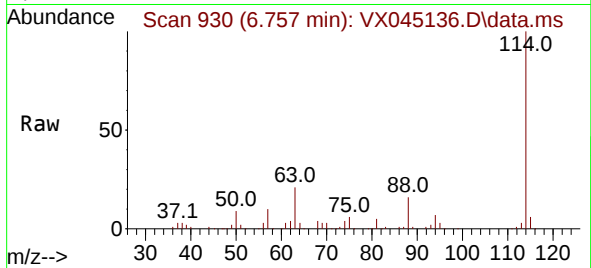




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

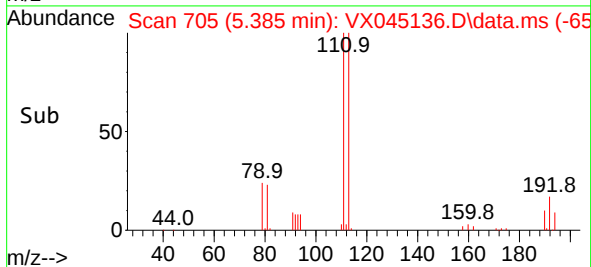
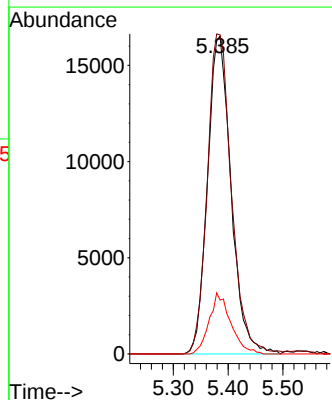
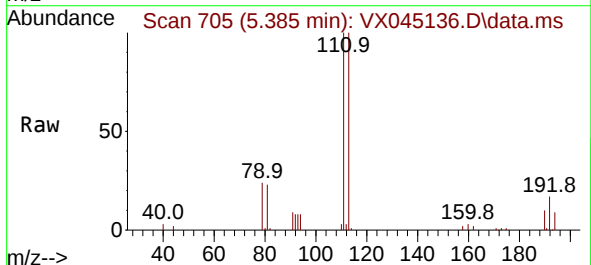
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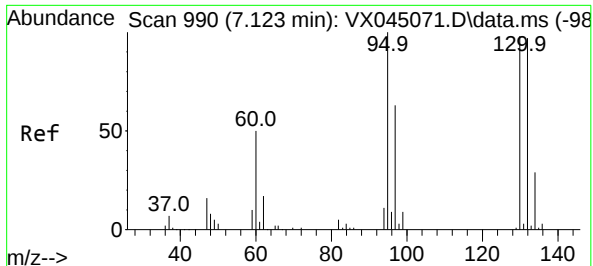
Tgt Ion:114 Resp: 145945
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.489 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

Tgt Ion:113 Resp: 49272
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.6 14.3 21.5

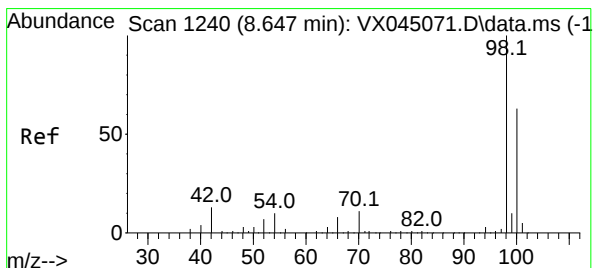
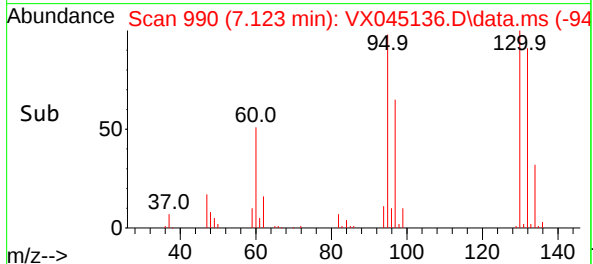
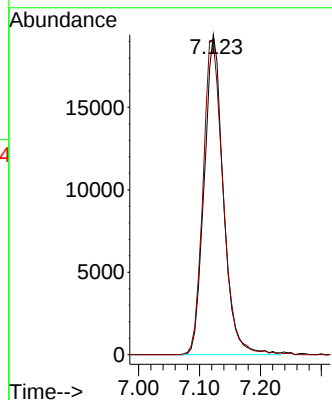
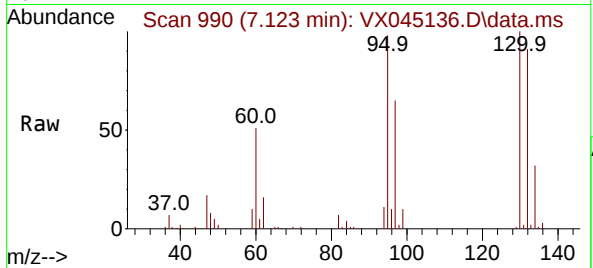




#44
Trichloroethene
Concen: 42.614 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

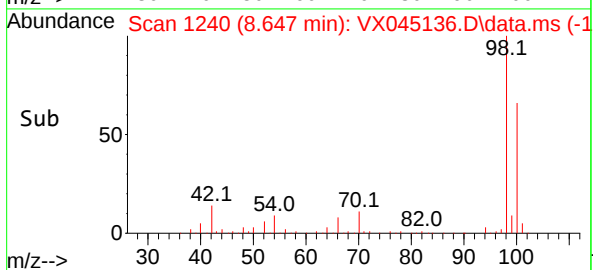
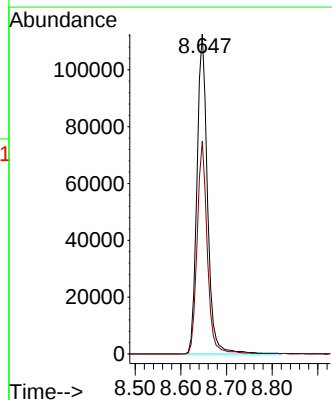
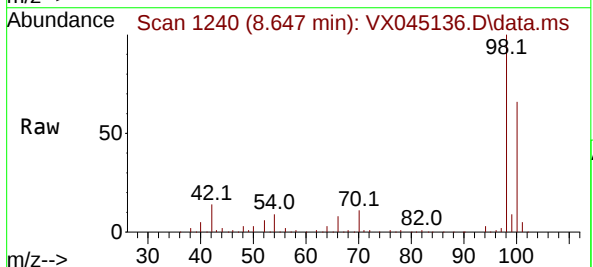
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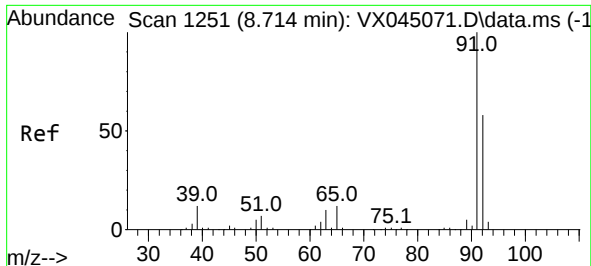
Tgt Ion:130 Resp: 42288
Ion Ratio Lower Upper
130 100
95 97.7 0.0 205.0



#50
Toluene-d8
Concen: 51.017 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

Tgt Ion: 98 Resp: 180498
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

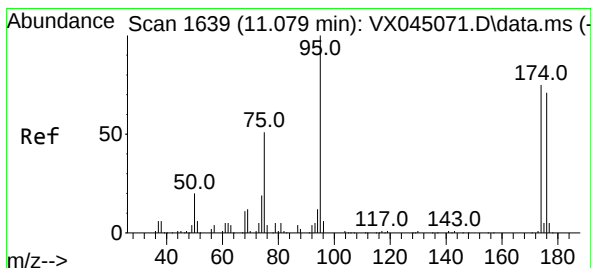
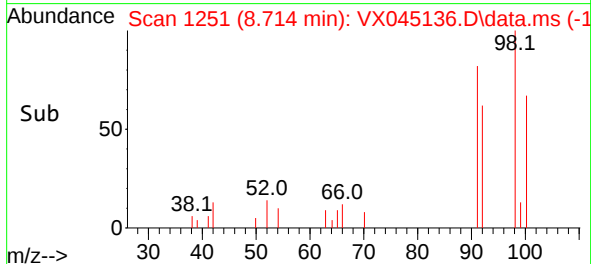
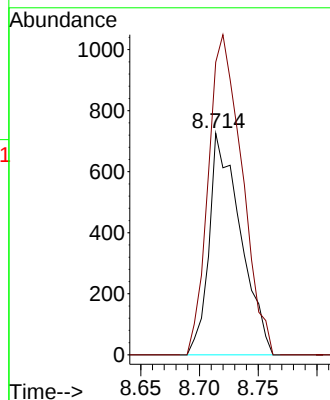
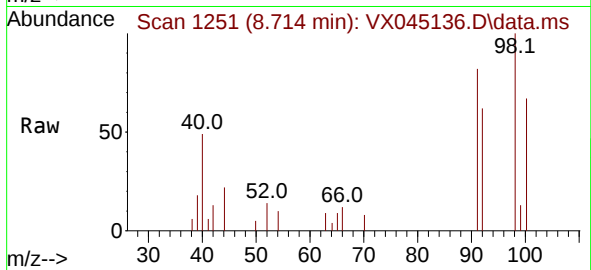




#52
Toluene
Concen: 0.544 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

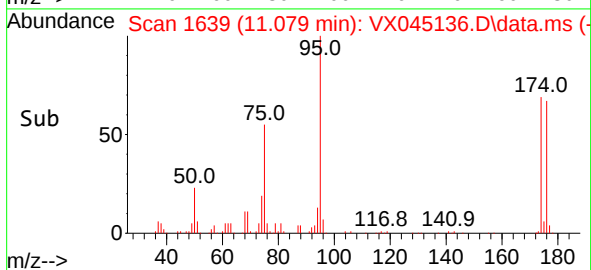
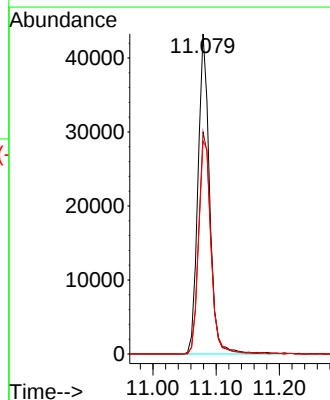
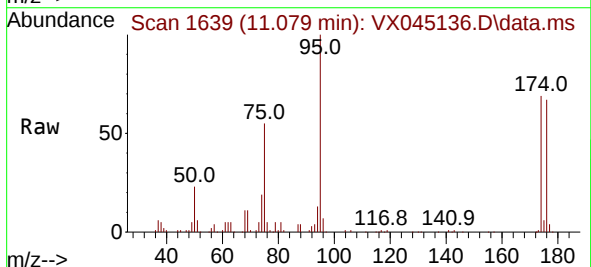
Instrument :
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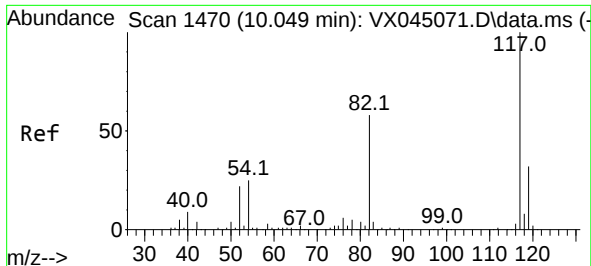
Tgt Ion: 92 Resp: 1348
Ion Ratio Lower Upper
92 100
91 155.3 138.9 208.3



#62
4-Bromofluorobenzene
Concen: 47.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

Tgt Ion: 95 Resp: 55350
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.2
176 71.0 0.0 141.4

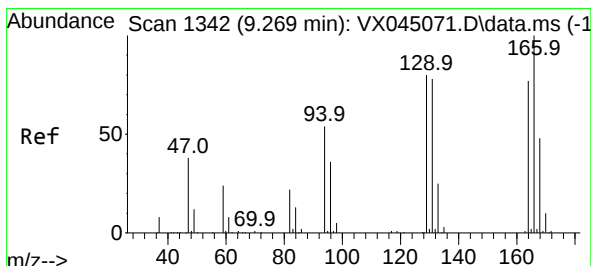
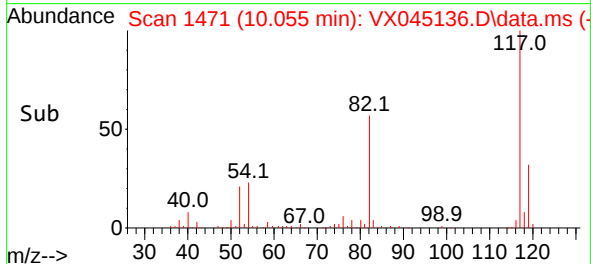
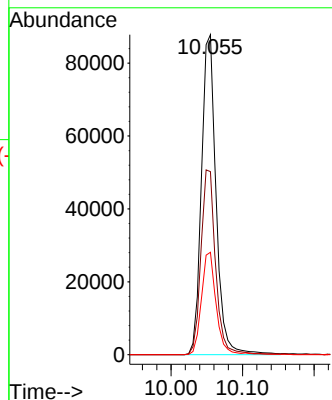
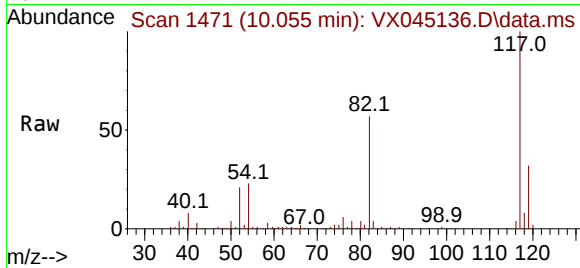




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

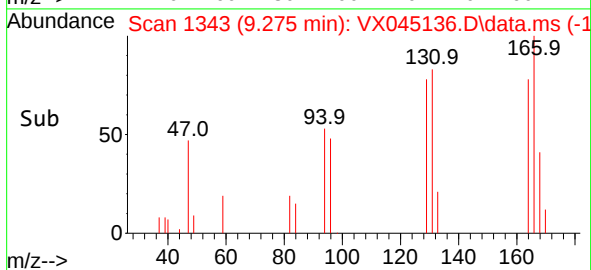
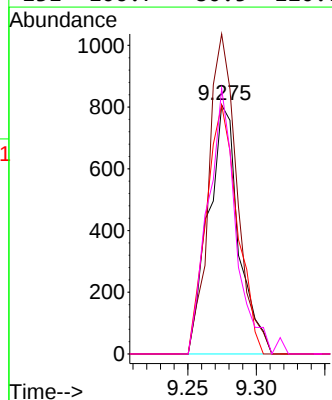
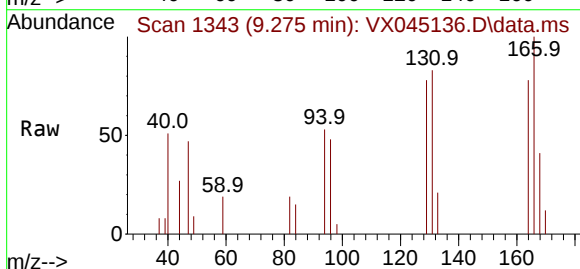
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-616-022825DL

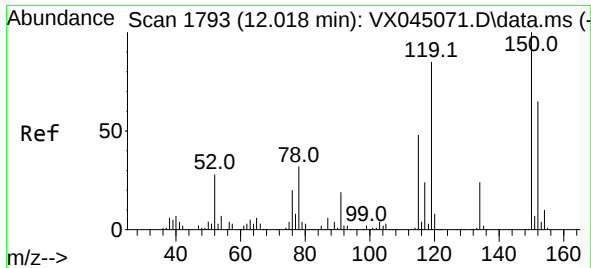
Tgt Ion:117 Resp: 124906
Ion Ratio Lower Upper
117 100
82 57.2 46.3 69.5
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 1.554 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045136.D
Acq: 05 Mar 2025 12:50

Tgt Ion:164 Resp: 1243
Ion Ratio Lower Upper
164 100
166 128.5 103.6 155.4
129 100.0 82.7 124.1
131 106.7 80.5 120.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045136.D

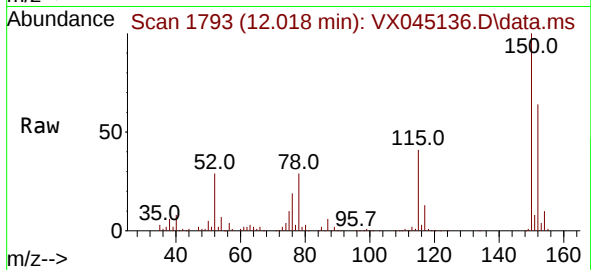
Acq: 05 Mar 2025 12:50

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-616-022825DL



Tgt Ion:152 Resp: 49286

Ion Ratio Lower Upper

152 100

115 60.5 44.2 132.6

150 157.1 0.0 349.0

