

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029058.D
 Acq On : 28 May 2022 05:36
 Operator : JC/MD
 Sample : N3022-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220525

Quant Time: May 28 08:39:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

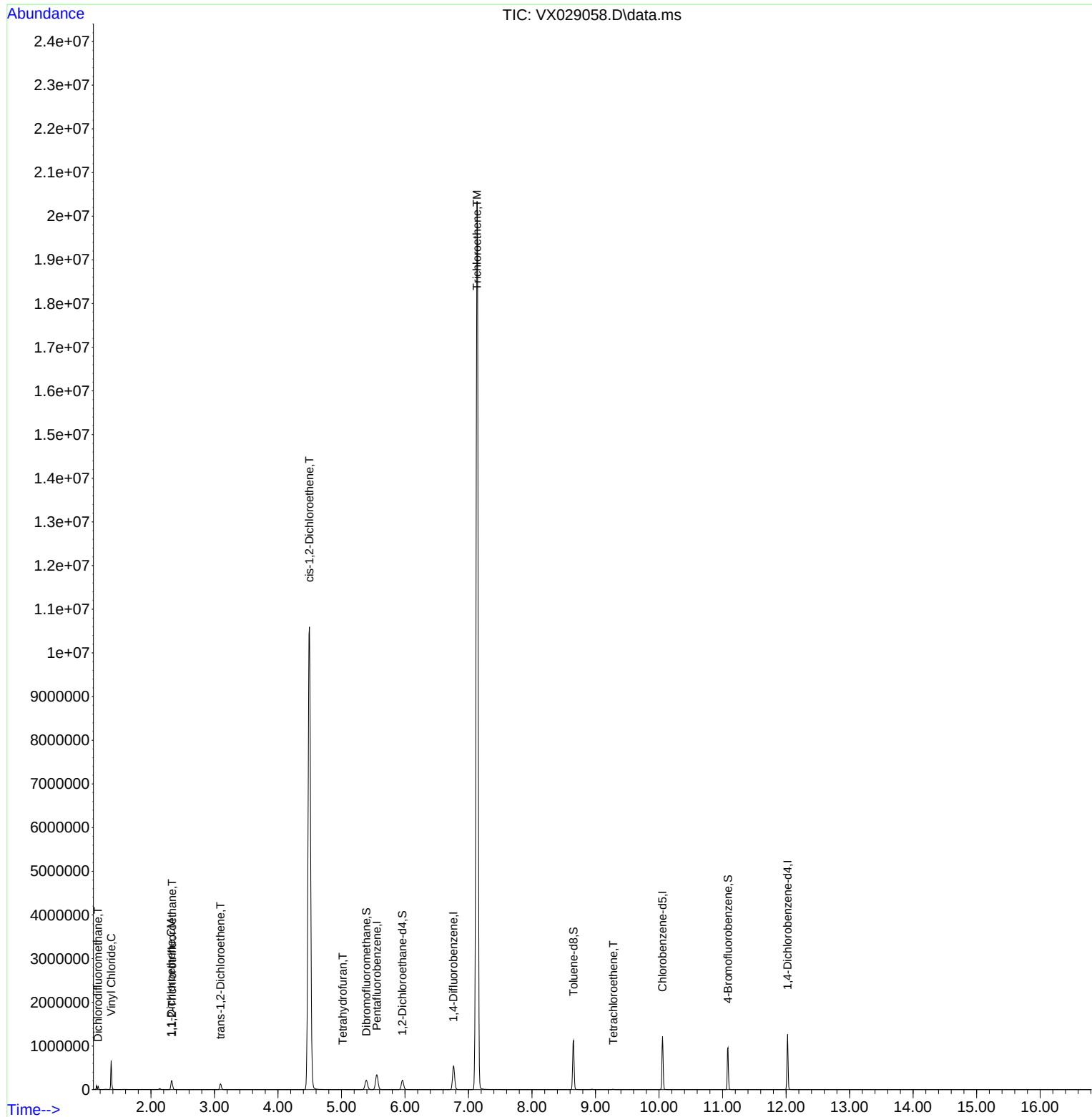
Internal Standards						
1) Pentafluorobenzene	5.556	168	326283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	582385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	559529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209279	46.792	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.580%
35) Dibromofluoromethane	5.391	113	191018	50.061	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.120%
50) Toluene-d8	8.653	98	689489	47.928	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.085	95	274072	51.007	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	41557	9.727	ug/l	97
4) Vinyl Chloride	1.374	62	392278	90.470	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	42075	11.566	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42408	12.558	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	57286	15.061	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	7289256	1640.797	ug/l	84
29) Tetrahydrofuran	5.019	42	1526	0.779	ug/l	92
44) Trichloroethene	7.135	130	8512419	1905.590	ug/l	97
64) Tetrachloroethene	9.281	164	1752	0.415	ug/l	98

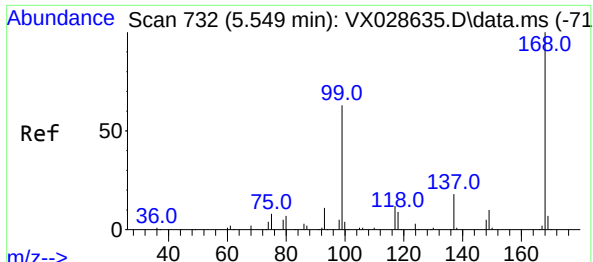
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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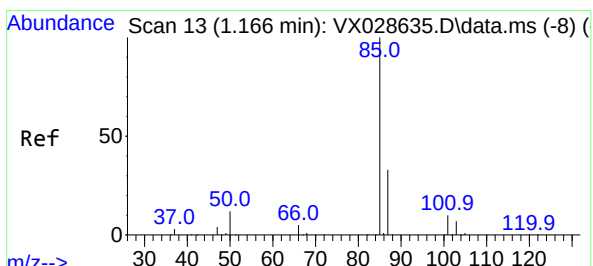
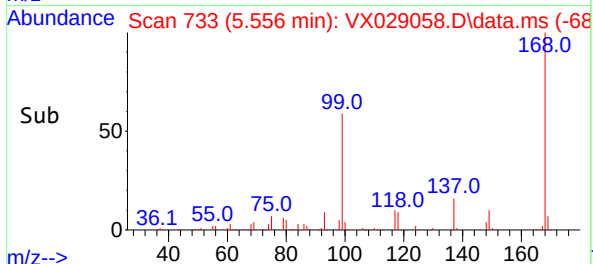
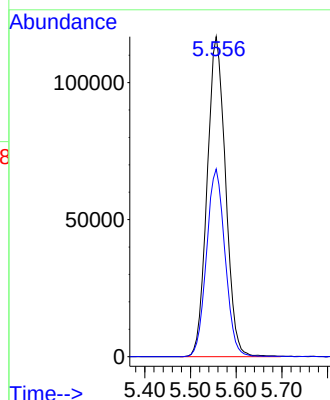
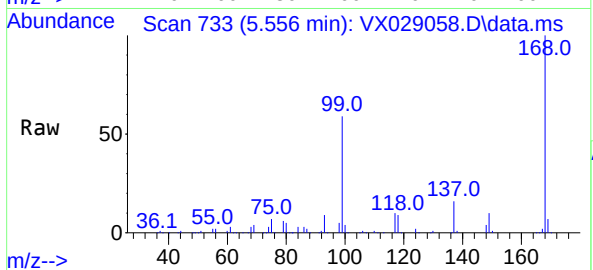




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

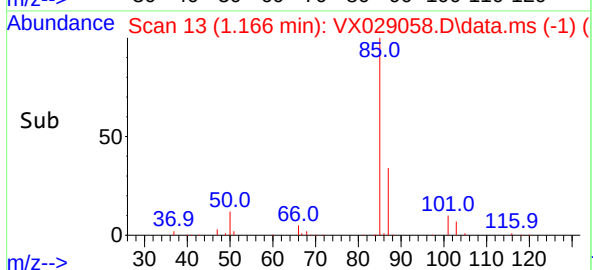
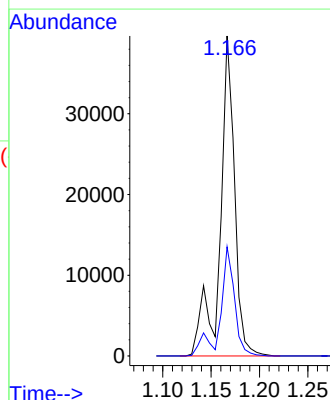
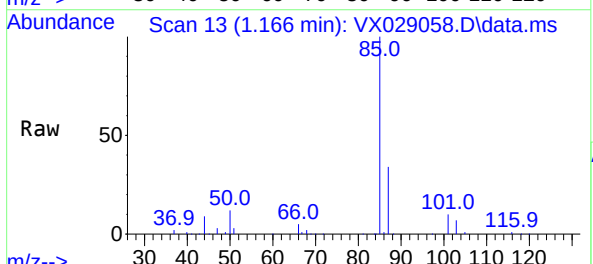
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

Tgt Ion:168 Resp: 326283
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5

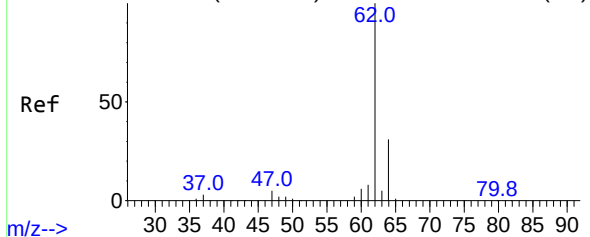


#2
Dichlorodifluoromethane
Concen: 9.727 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

Tgt Ion: 85 Resp: 41557
Ion Ratio Lower Upper
85 100
87 34.1 16.2 48.6



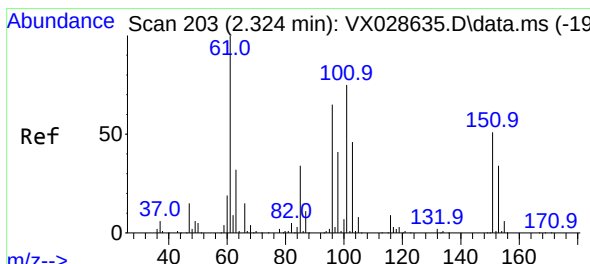
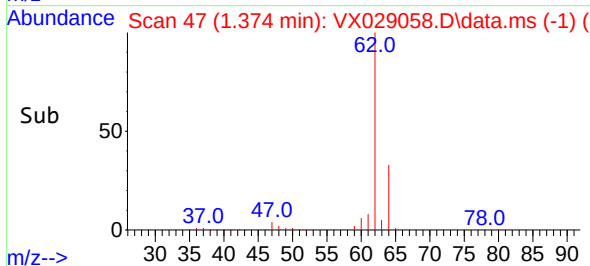
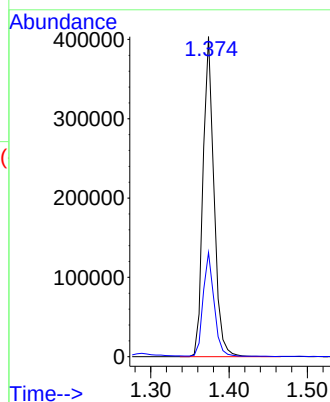
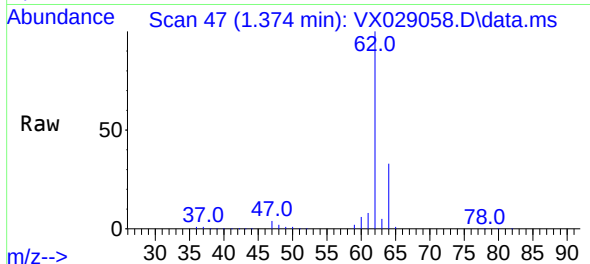
Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4
Vinyl Chloride
Concen: 90.470 ug/l
RT: 1.374 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

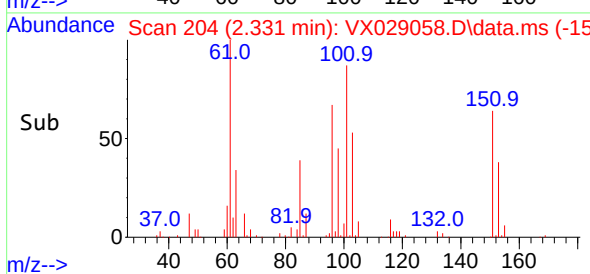
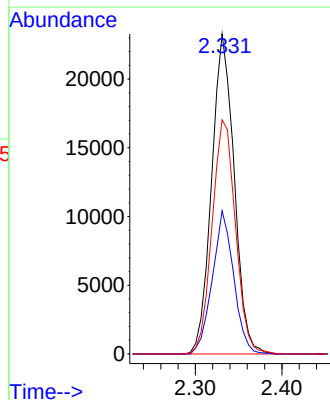
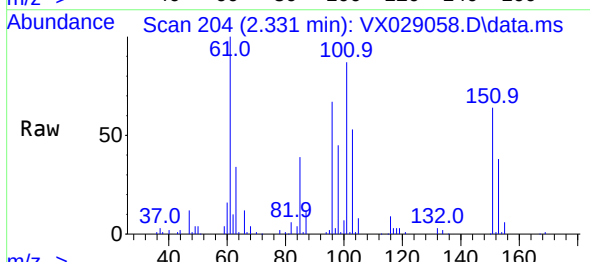
Instrument :
MSVOA_X
ClientSampleId :
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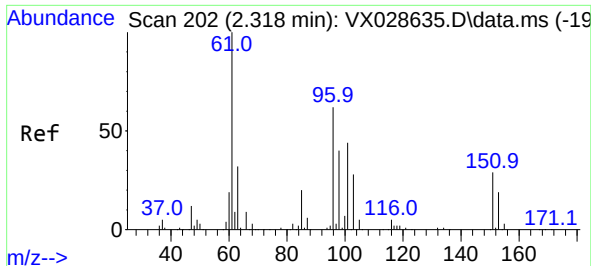
Tgt Ion: 62 Resp: 392278
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.566 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.007 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

Tgt Ion:101 Resp: 42075
Ion Ratio Lower Upper
101 100
85 42.5 33.5 50.3
151 75.9 61.8 92.6

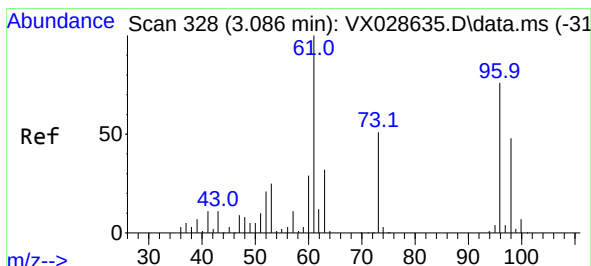
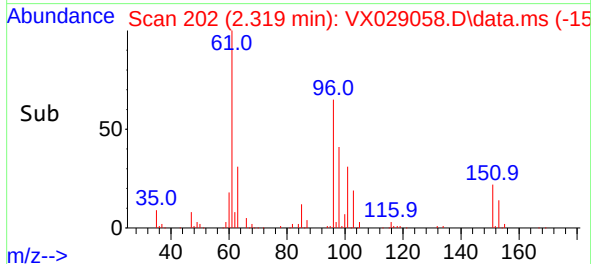
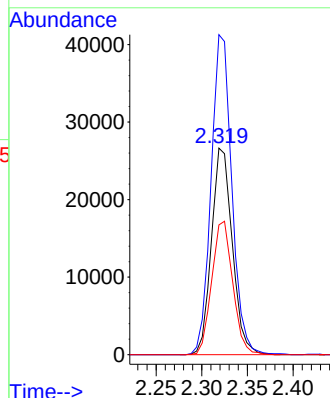
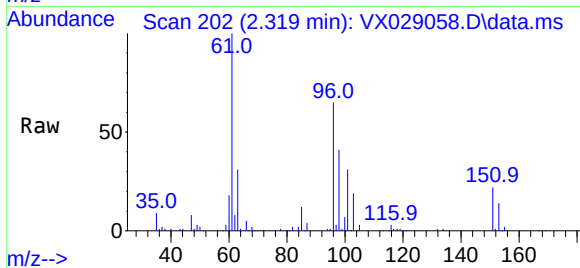




#12
1,1-Dichloroethene
Concen: 12.558 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

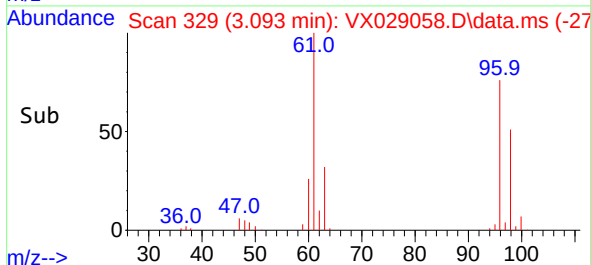
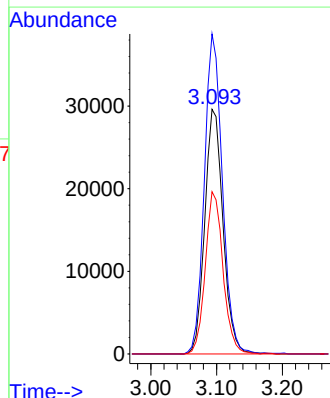
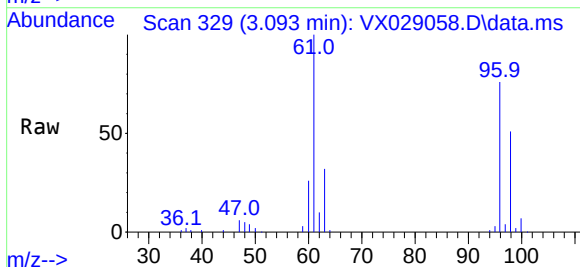
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

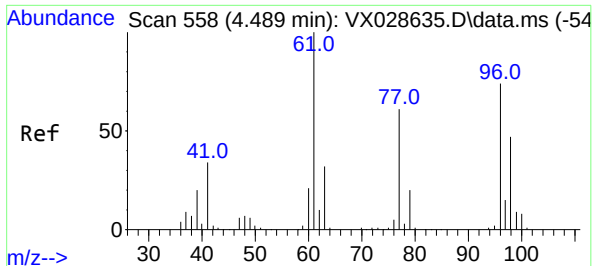
Tgt Ion: 96 Resp: 42408
Ion Ratio Lower Upper
96 100
61 155.0 124.6 187.0
98 62.8 51.0 76.4



#21
trans-1,2-Dichloroethene
Concen: 15.061 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.007 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

Tgt Ion: 96 Resp: 57286
Ion Ratio Lower Upper
96 100
61 130.8 105.4 158.2
98 66.3 50.0 75.0

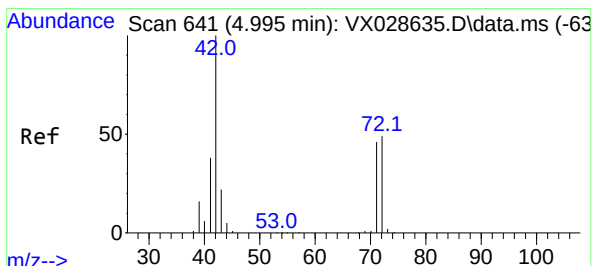
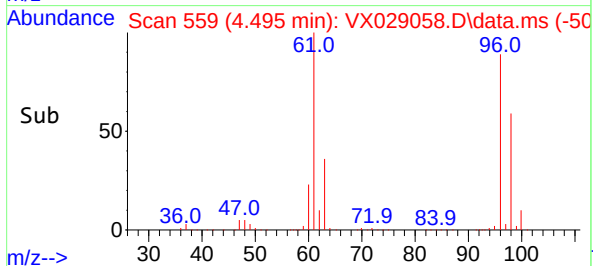
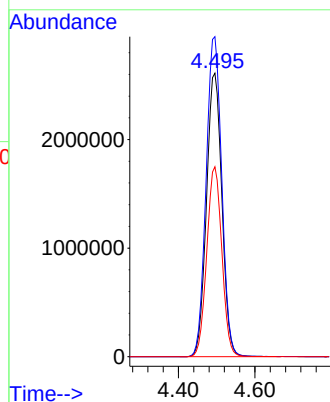
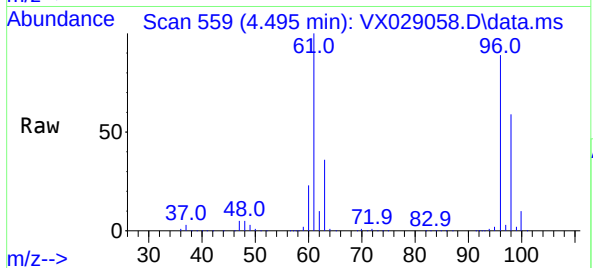




#27
cis-1,2-Dichloroethene
Concen: 1640.797 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

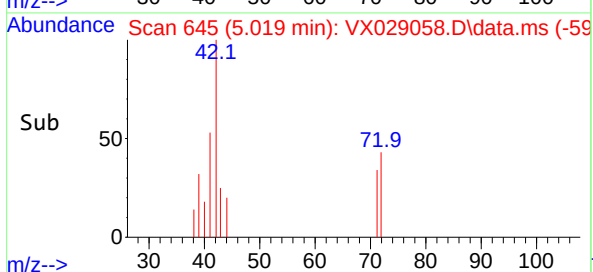
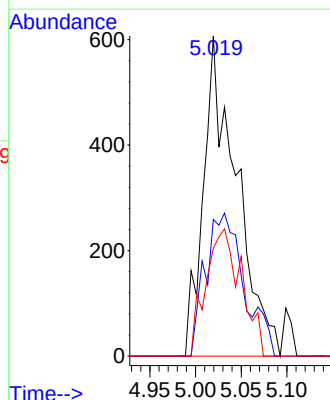
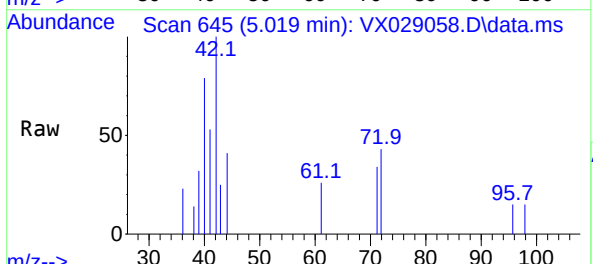
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

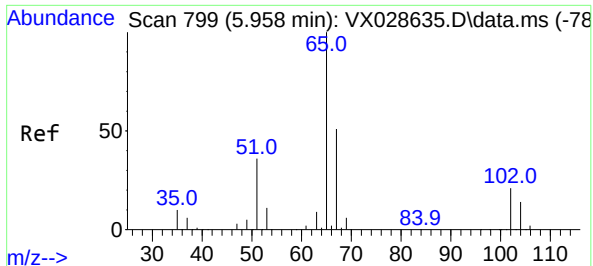
Tgt Ion: 96 Resp: 7289256
Ion Ratio Lower Upper
96 100
61 114.6 0.0 283.8
98 65.8 0.0 129.8



#29
Tetrahydrofuran
Concen: 0.779 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.024 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

Tgt Ion: 42 Resp: 1526
Ion Ratio Lower Upper
42 100
72 52.2 44.1 66.1
71 42.7 40.5 60.7

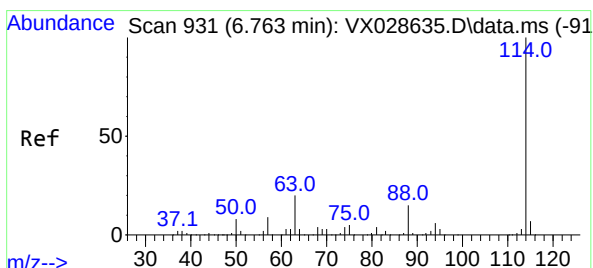
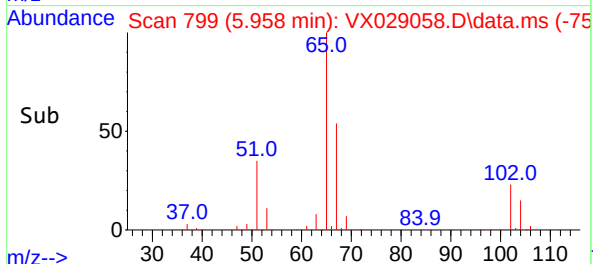
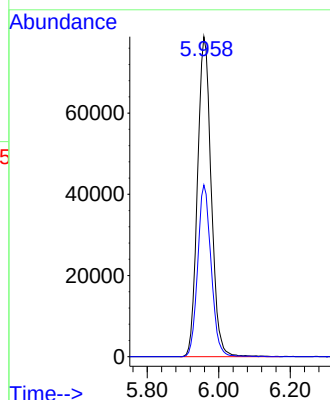
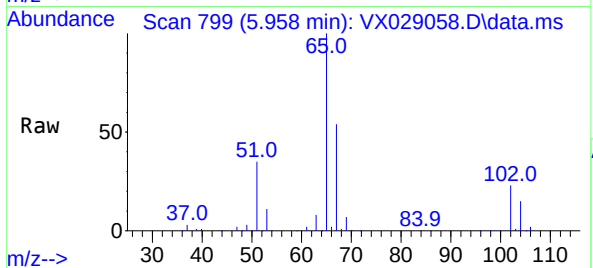




#33
1,2-Dichloroethane-d4
Concen: 46.792 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

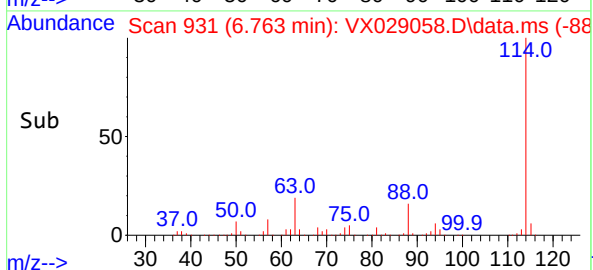
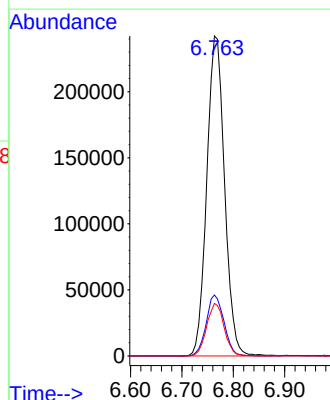
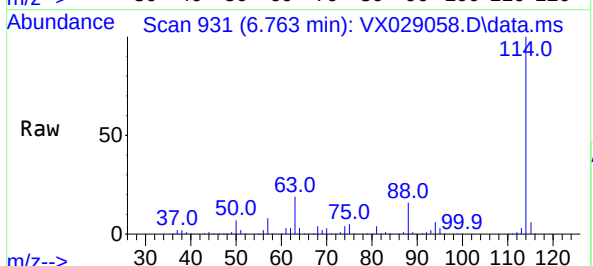
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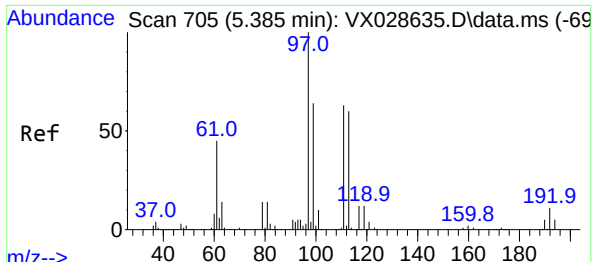
Tgt Ion: 65 Resp: 209279
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

Tgt Ion: 114 Resp: 582385
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.061 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029058.D

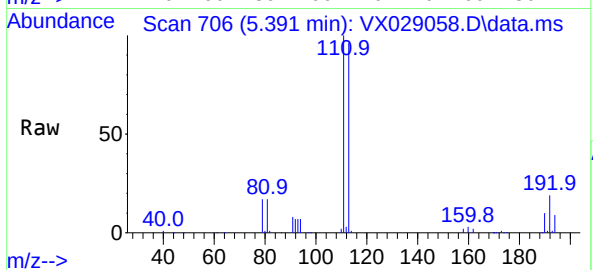
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Instrument :

MSVOA_X

ClientSampleId :

DUP03-20220525



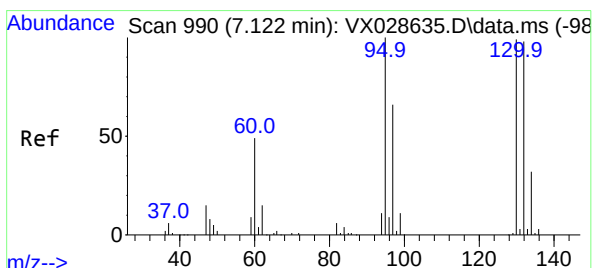
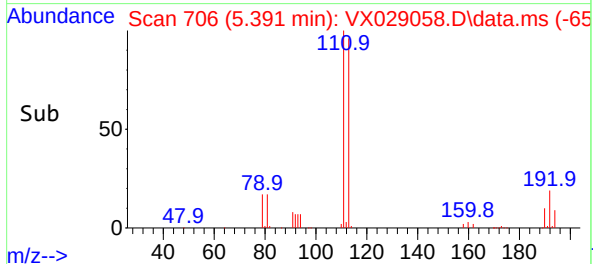
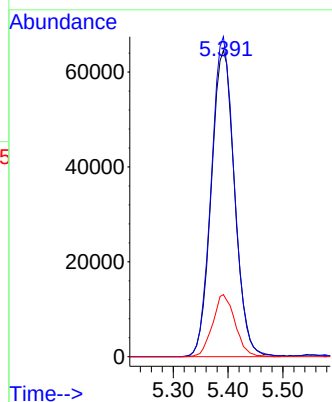
Tgt Ion:113 Resp: 191018

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 19.5 16.9 25.3



#44

Trichloroethene

Concen: 1905.590 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.013 min

Lab File: VX029058.D

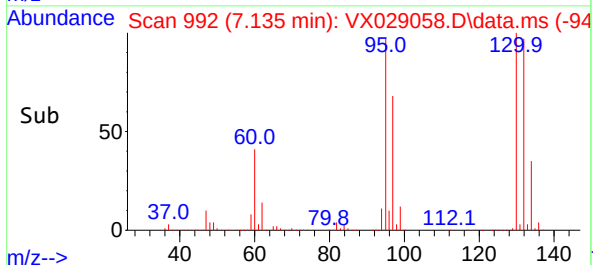
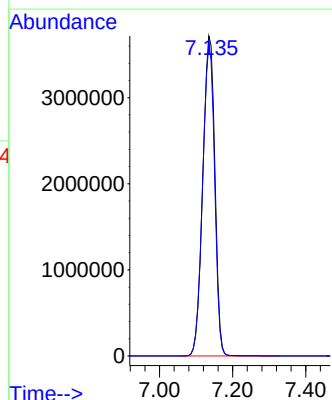
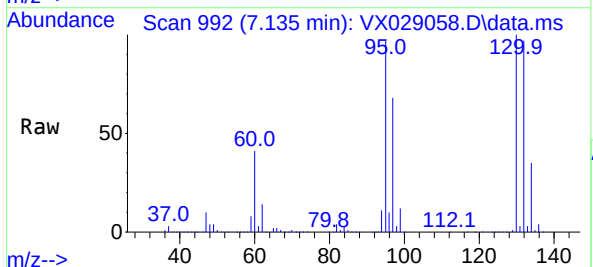
Acq: 28 May 2022 05:36

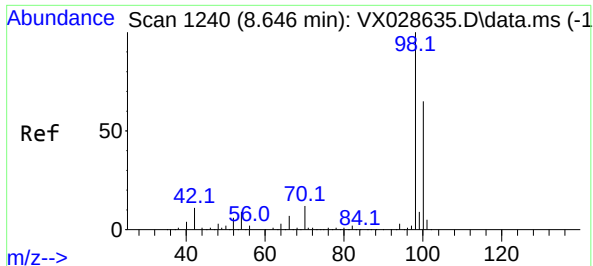
Tgt Ion:130 Resp: 8512419

Ion Ratio Lower Upper

130 100

95 97.4 0.0 188.8

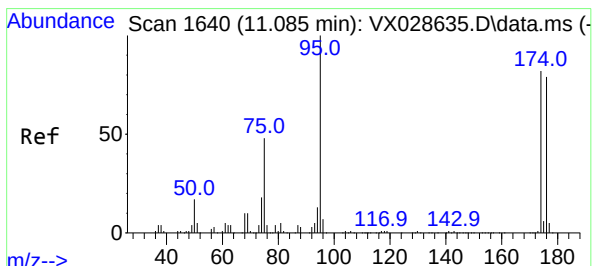
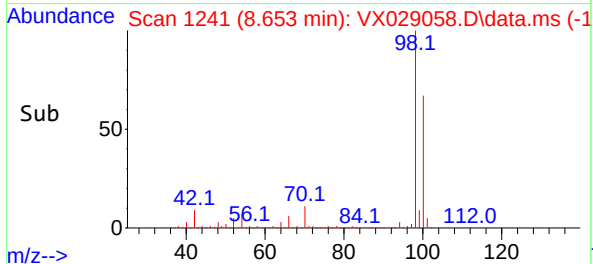
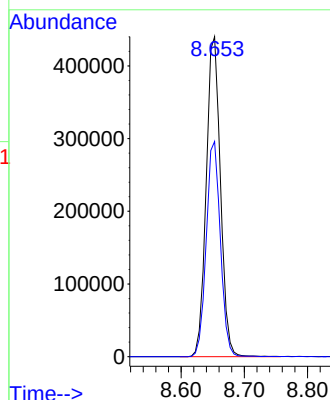
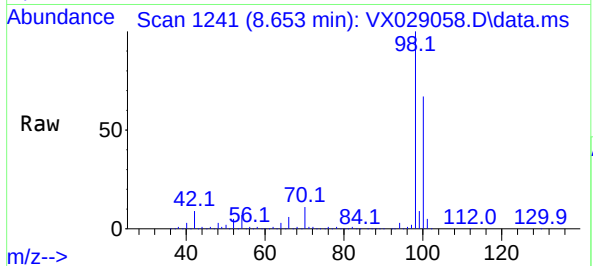




#50
Toluene-d8
Concen: 47.928 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

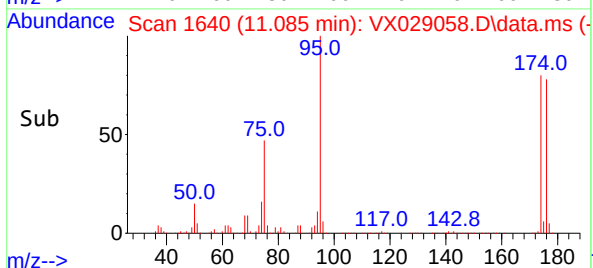
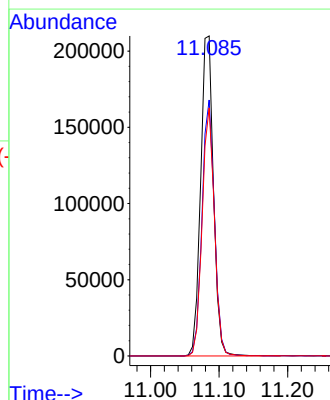
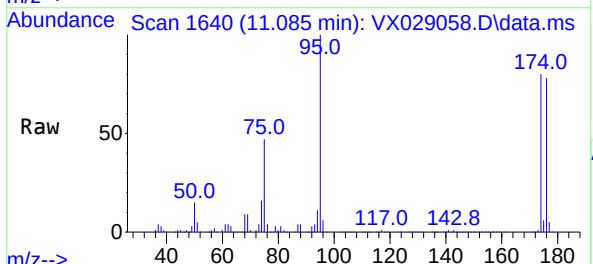
Instrument :
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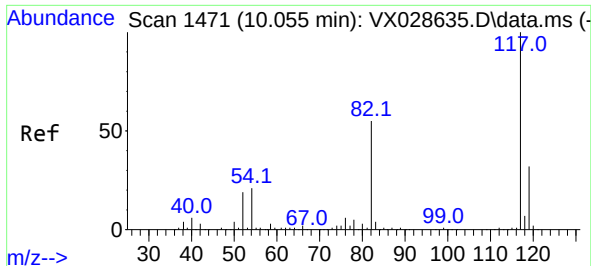
Tgt Ion: 98 Resp: 689489
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.007 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

Tgt Ion: 95 Resp: 274072
Ion Ratio Lower Upper
95 100
174 77.1 0.0 163.0
176 74.0 0.0 155.0

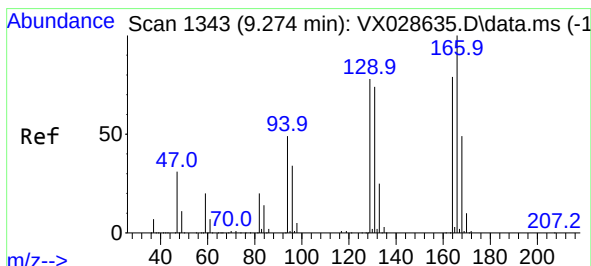
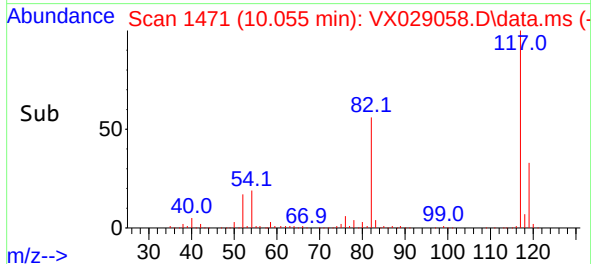
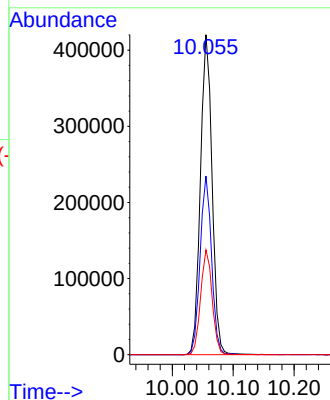
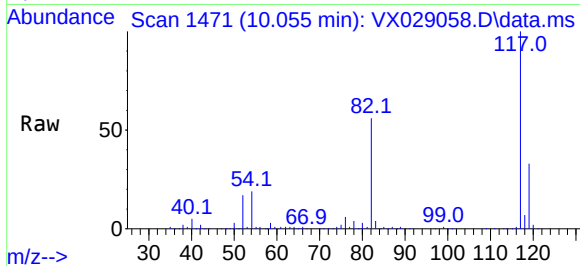




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

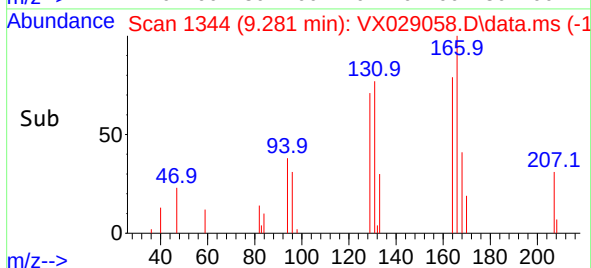
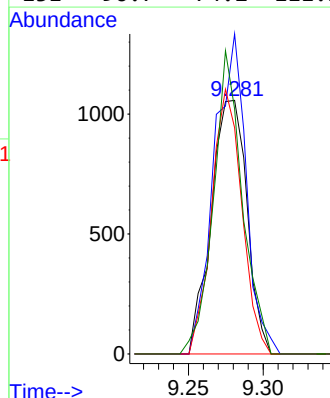
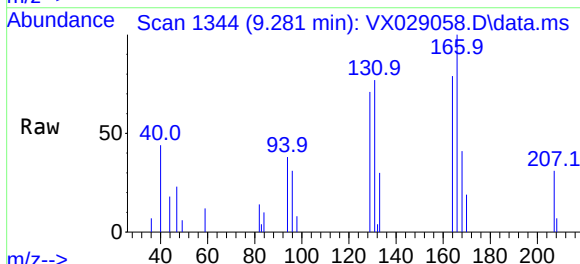
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

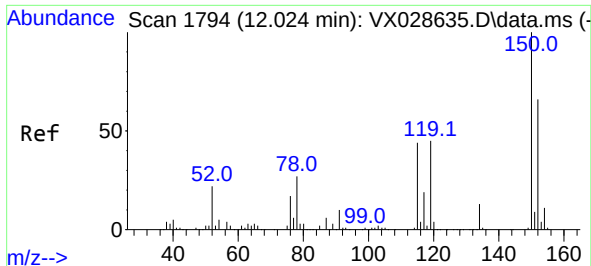
Tgt Ion:117 Resp: 559529
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.8 24.8 37.2



#64
Tetrachloroethene
Concen: 0.415 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.007 min
Lab File: VX029058.D
Acq: 28 May 2022 05:36

Tgt Ion:164 Resp: 1752
Ion Ratio Lower Upper
164 100
166 126.2 101.2 151.8
129 89.2 73.0 109.4
131 96.7 74.2 111.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029058.D

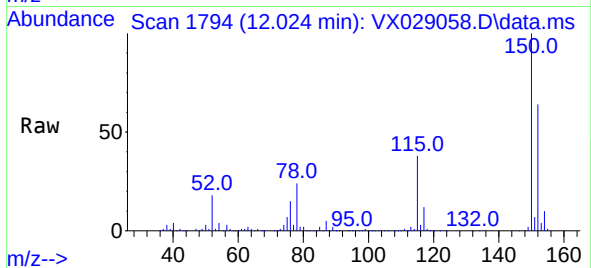
Acq: 28 May 2022 05:36

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20220525



Tgt Ion:152 Resp: 269909

Ion Ratio Lower Upper

152 100

115 60.3 37.5 112.7

150 154.8 0.0 338.2

