

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021559.D
 Acq On : 27 Mar 2021 03:30
 Operator : JC/MD
 Sample : M1787-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20210320

Quant Time: Mar 27 04:36:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

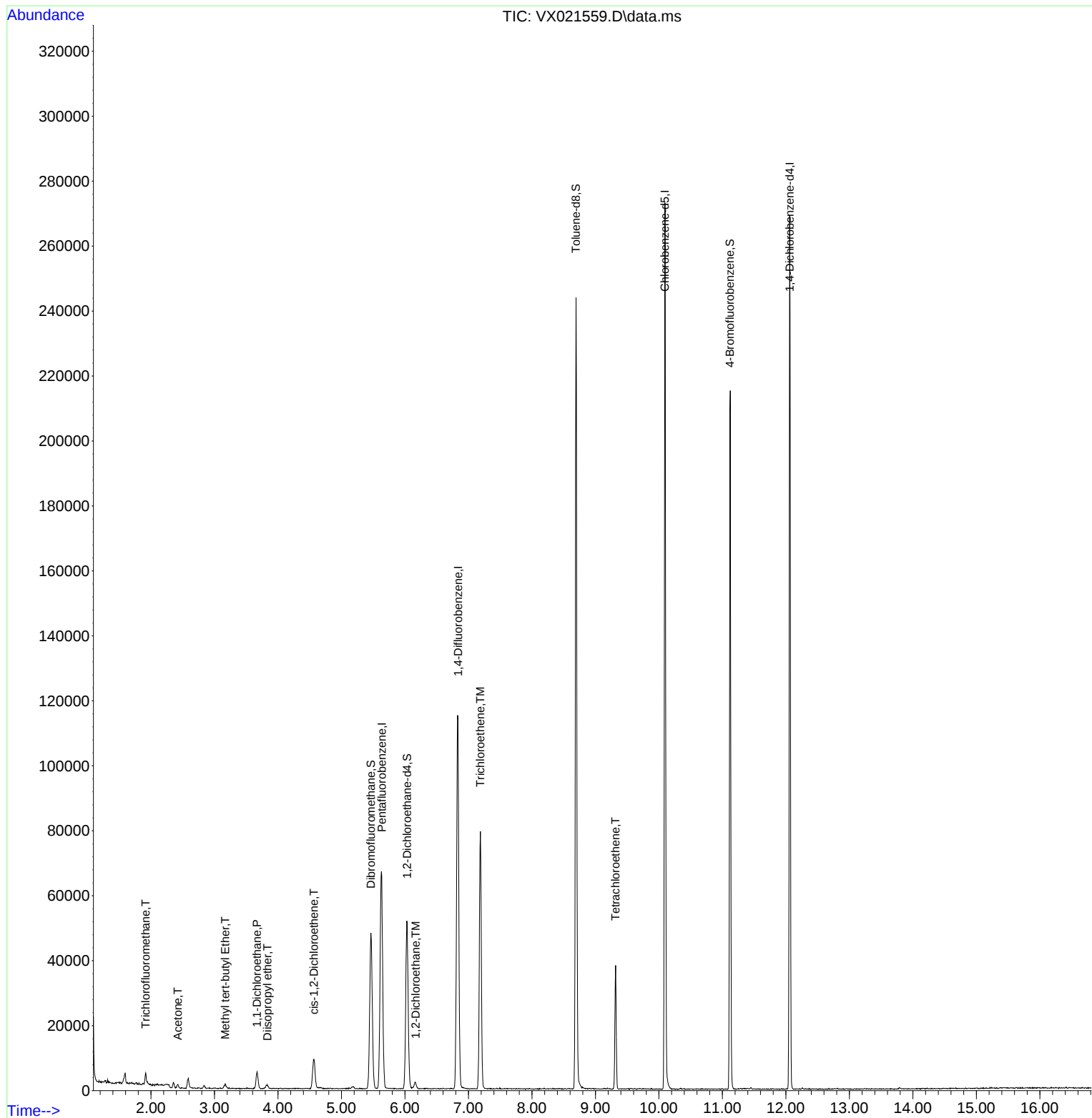
Internal Standards						
1) Pentafluorobenzene	5.635	168	58494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	108491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	51002	52.40	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.80%
35) Dibromofluoromethane	5.464	113	38564	50.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.08%
50) Toluene-d8	8.694	98	135741	49.43	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.86%
62) 4-Bromofluorobenzene	11.118	95	56408	52.83	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.66%
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.917	101	2054	1.92	ug/l	89
16) Acetone	2.423	43	1103	3.00	ug/l	98
19) Methyl tert-butyl Ether	3.170	73	1249	0.57	ug/l	97
22) Diisopropyl ether	3.834	45	1206	0.52	ug/l #	74
24) 1,1-Dichloroethane	3.670	63	5460	4.36	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	5520	7.34	ug/l	98
42) 1,2-Dichloroethane	6.170	62	2063	1.58	ug/l	91
44) Trichloroethene	7.188	130	27837	34.95	ug/l	89
64) Tetrachloroethene	9.318	164	6795	9.19	ug/l	95

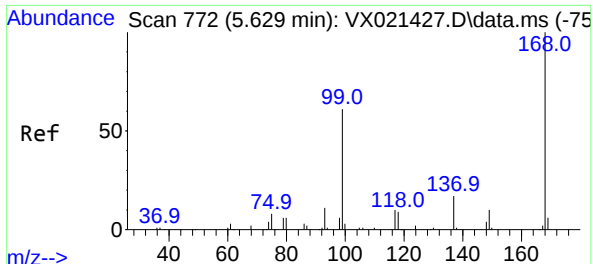
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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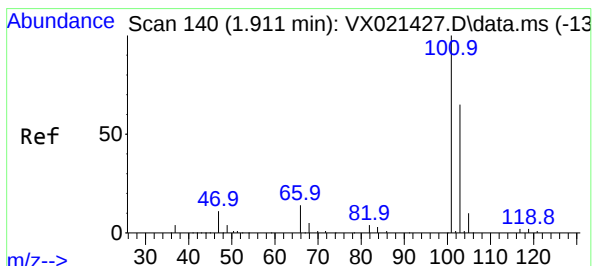
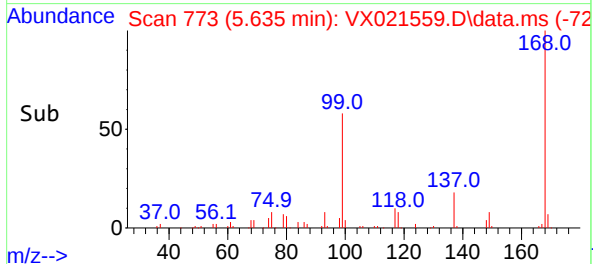
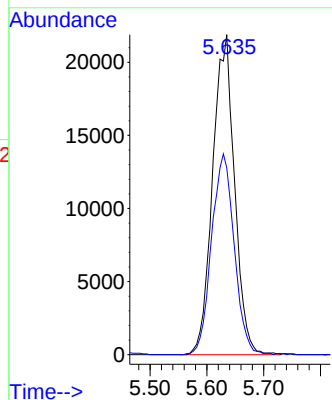
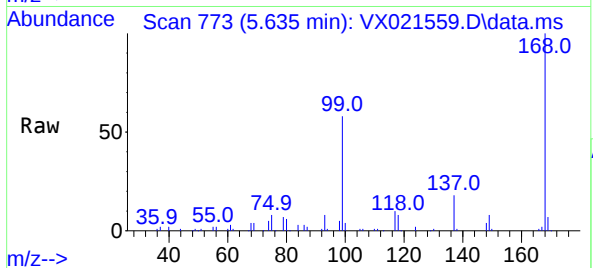




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

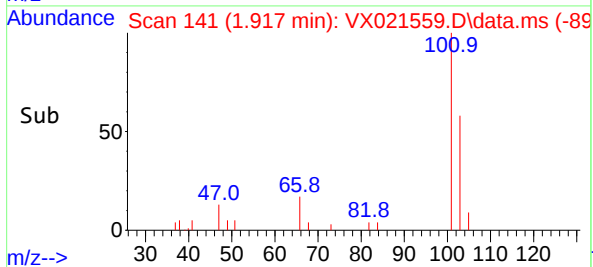
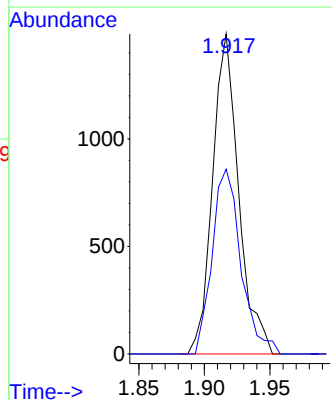
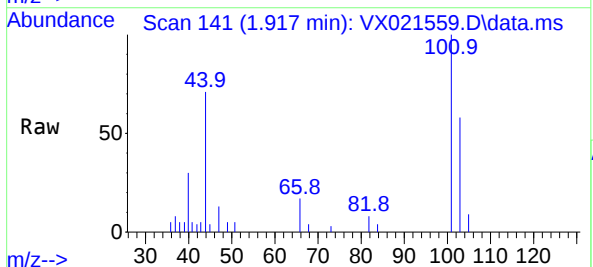
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210320

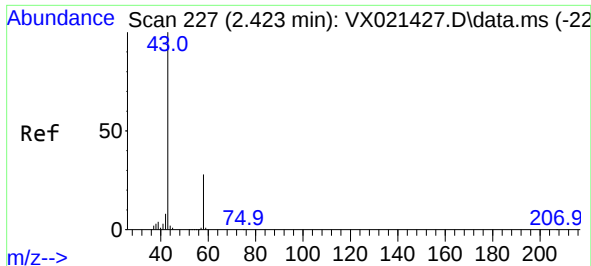
Tgt Ion:168 Resp: 58494
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#7
Trichlorofluoromethane
Concen: 1.92 ug/l
RT: 1.917 min Scan# 141
Delta R.T. 0.006 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

Tgt Ion:101 Resp: 2054
Ion Ratio Lower Upper
101 100
103 57.7 53.2 79.8

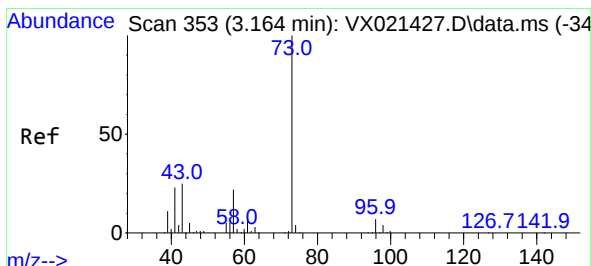
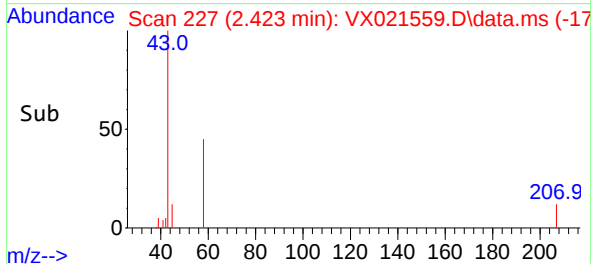
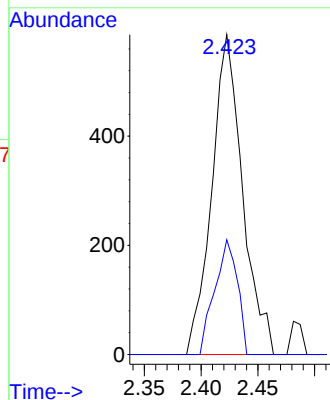
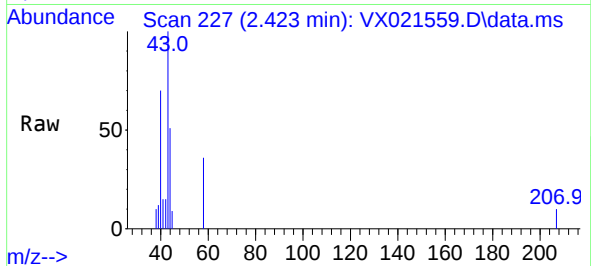




#16
Acetone
Concen: 3.00 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

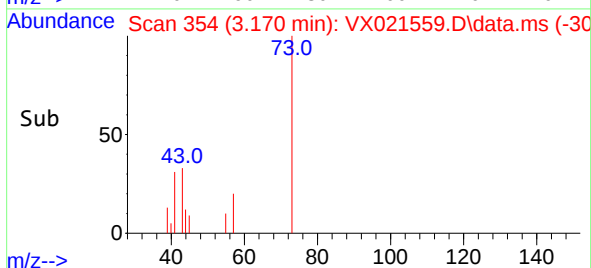
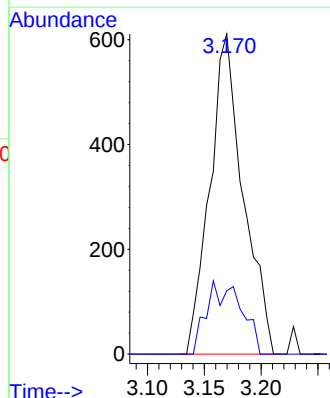
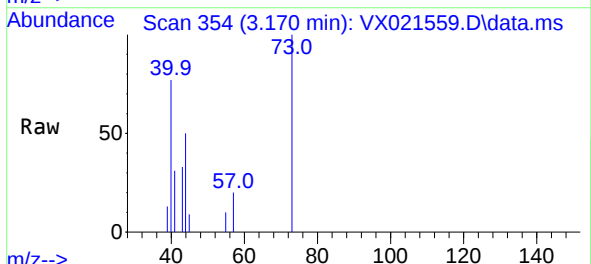
Instrument :
MSVOA_X
ClientSampleId :
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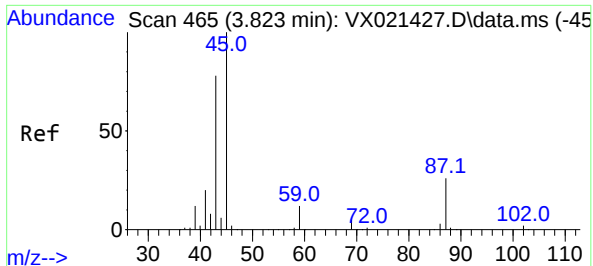
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 35.8 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 0.57 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

Tgt Ion: 73 Resp: 1249
Ion Ratio Lower Upper
73 100
57 19.8 17.1 25.7





#22

Diisopropyl ether

Concen: 0.52 ug/l

RT: 3.834 min Scan# 467

Delta R.T. 0.011 min

Lab File: VX021559.D

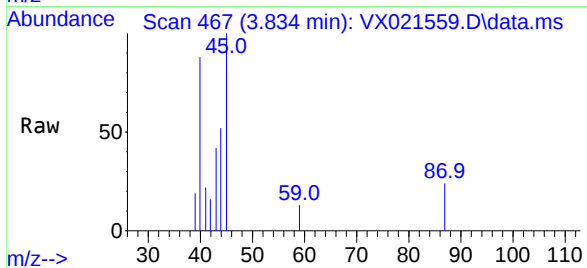
Acq: 27 Mar 2021 03:30

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20210320



Tgt Ion: 45 Resp: 1206

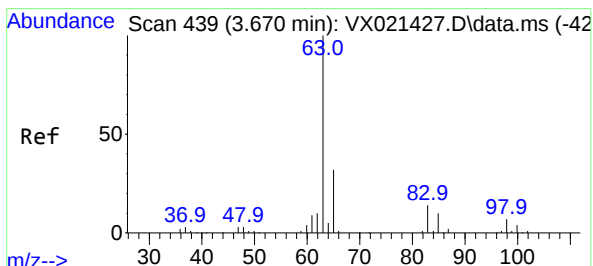
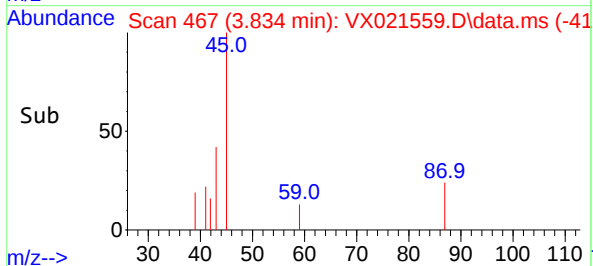
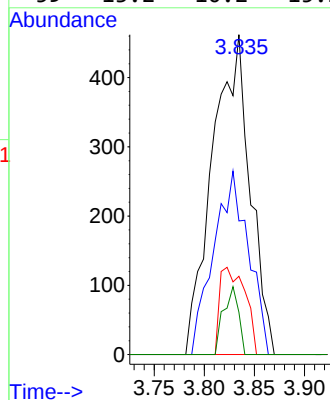
Ion Ratio Lower Upper

45 100

43 41.8 58.0 87.0#

87 24.5 25.4 38.0#

59 13.2 10.2 15.2



#24

1,1-Dichloroethane

Concen: 4.36 ug/l

RT: 3.670 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX021559.D

Acq: 27 Mar 2021 03:30

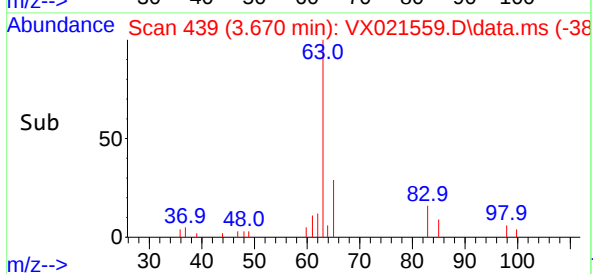
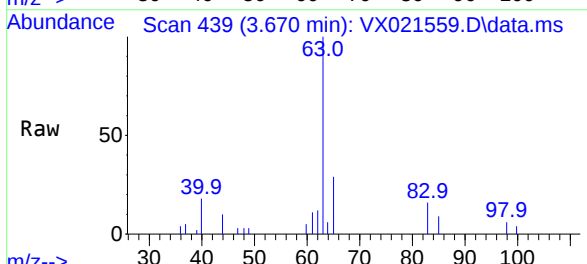
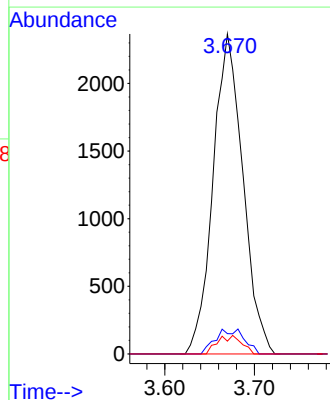
Tgt Ion: 63 Resp: 5460

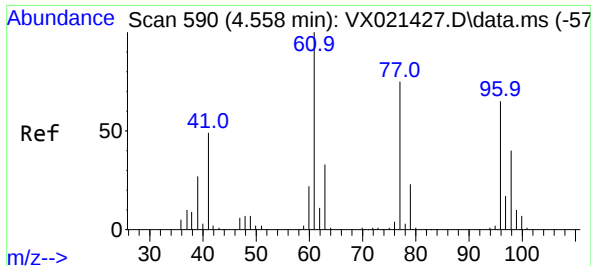
Ion Ratio Lower Upper

63 100

98 6.3 3.8 11.2

100 4.0 2.5 7.5





#27

cis-1,2-Dichloroethene

Concen: 7.34 ug/l

RT: 4.564 min Scan# 591

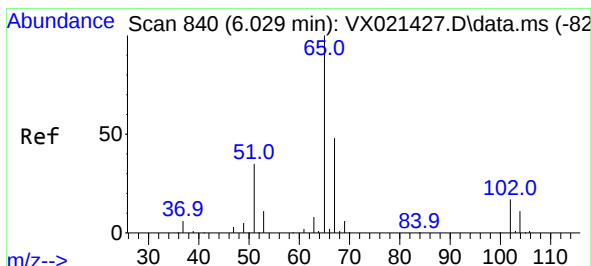
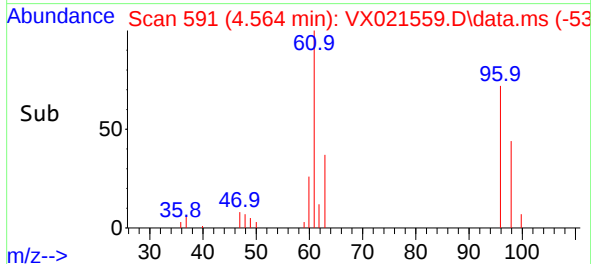
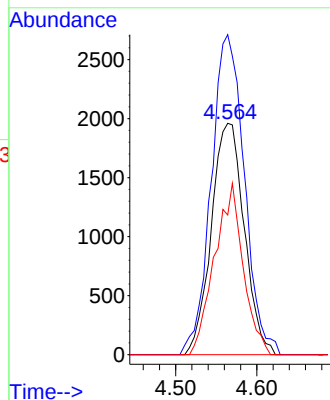
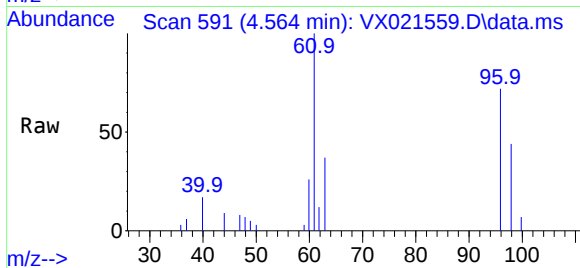
Delta R.T. 0.006 min

Lab File: VX021559.D

Acq: 27 Mar 2021 03:30

Tgt Ion: 96 Resp: 5520

Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	285.6
98	64.3	0.0	129.6



#33

1,2-Dichloroethane-d4

Concen: 52.40 ug/l

RT: 6.035 min Scan# 841

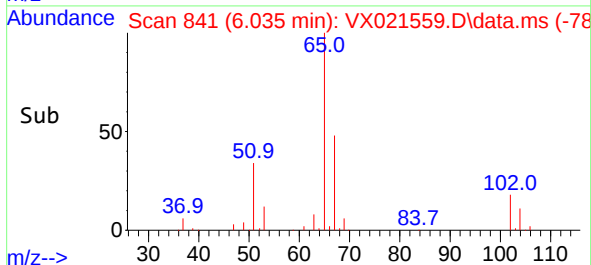
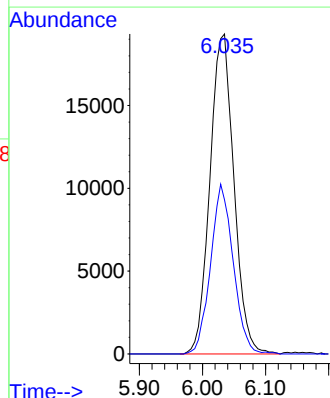
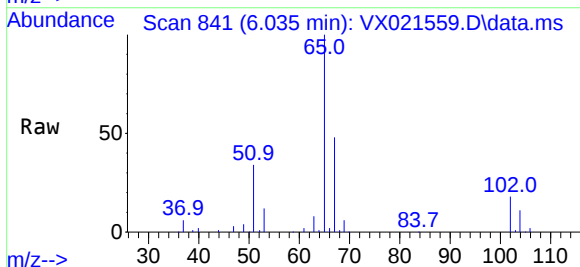
Delta R.T. 0.006 min

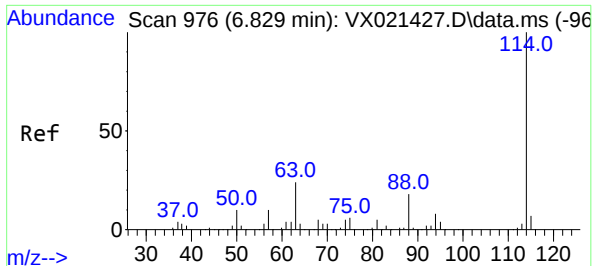
Lab File: VX021559.D

Acq: 27 Mar 2021 03:30

Tgt Ion: 65 Resp: 51002

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	105.4

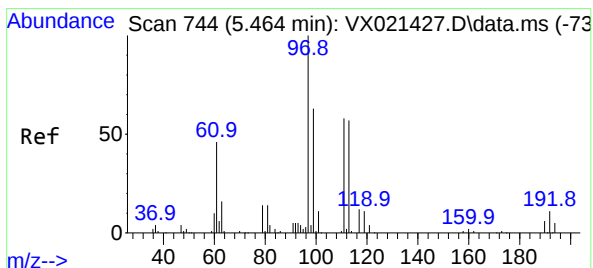
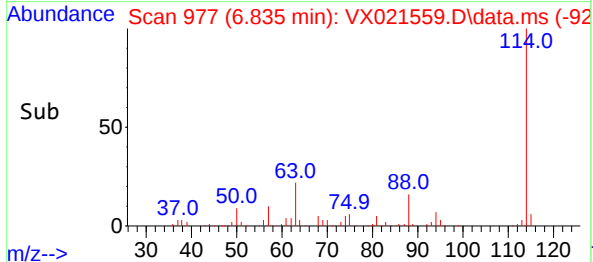
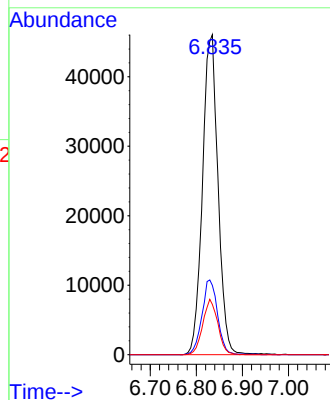
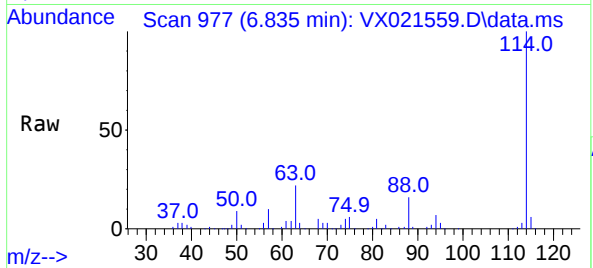




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

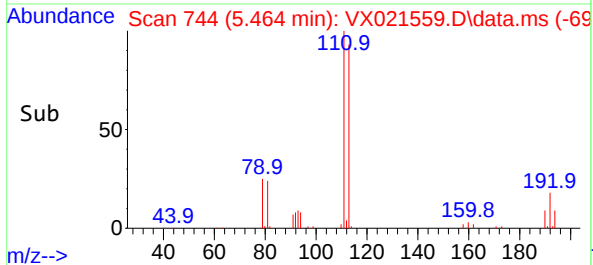
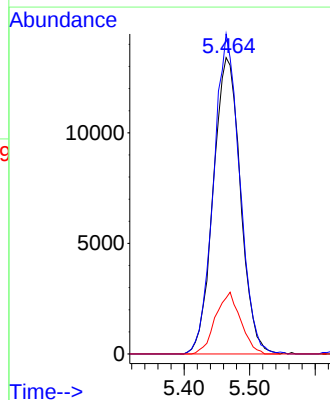
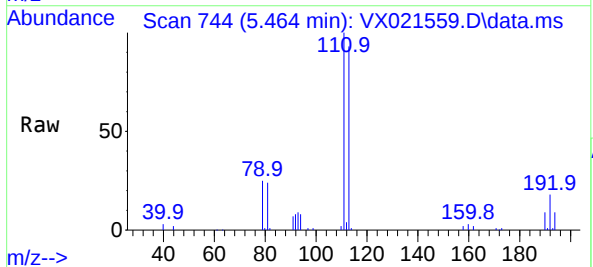
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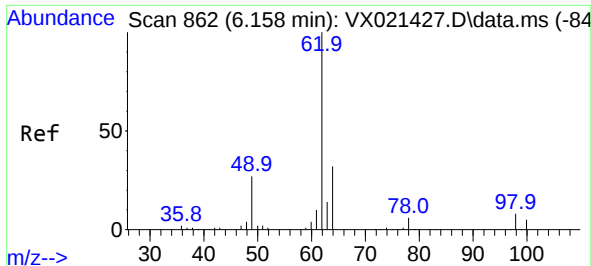
Tgt Ion:114 Resp: 108491
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.04 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

Tgt Ion:113 Resp: 38564
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 19.3 16.7 25.1





#42

1,2-Dichloroethane

Concen: 1.58 ug/l

RT: 6.170 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX021559.D

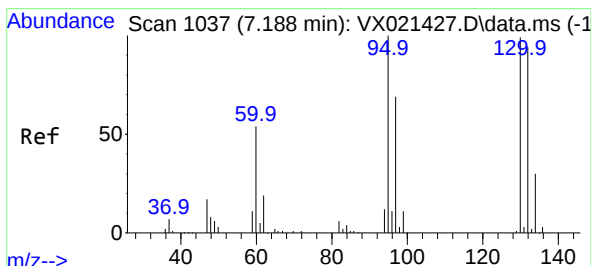
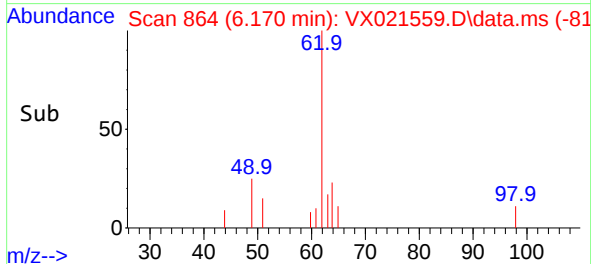
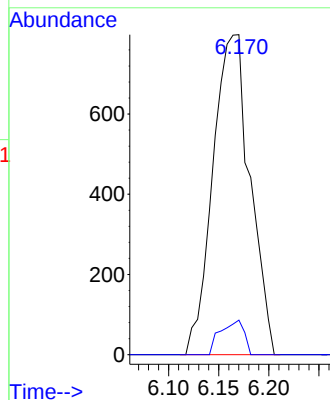
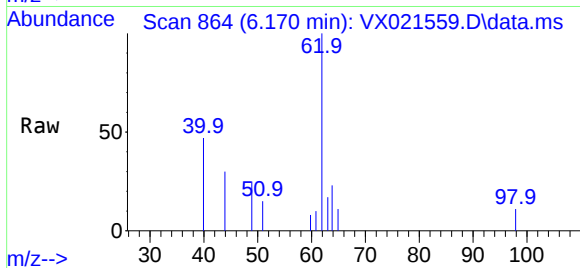
Acq: 27 Mar 2021 03:30

Tgt Ion: 62 Resp: 2063

Ion Ratio Lower Upper

62 100

98 6.8 0.0 20.2



#44

Trichloroethene

Concen: 34.95 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021559.D

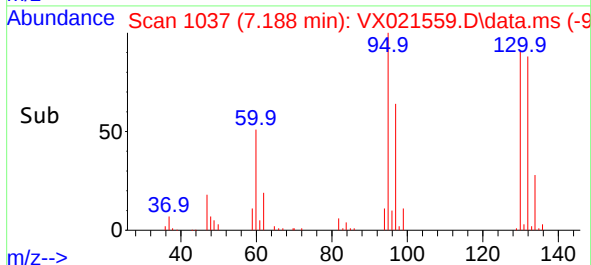
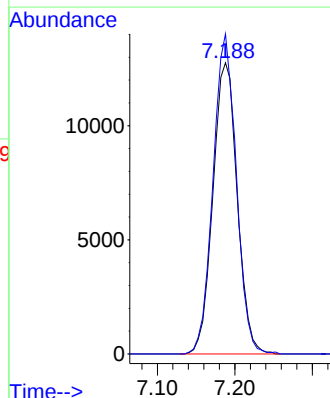
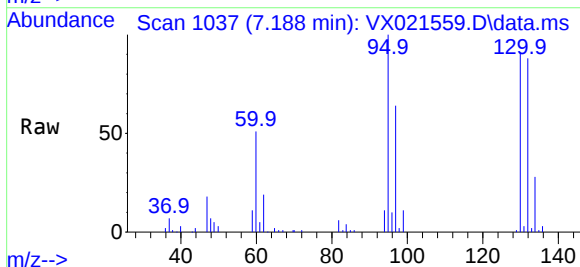
Acq: 27 Mar 2021 03:30

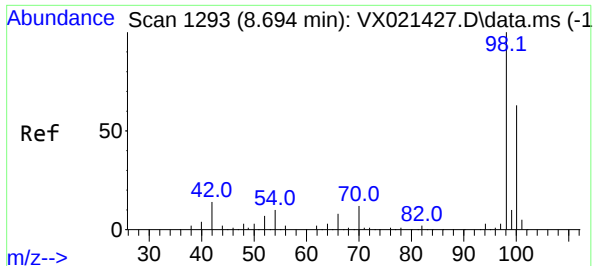
Tgt Ion: 130 Resp: 27837

Ion Ratio Lower Upper

130 100

95 109.9 0.0 198.0

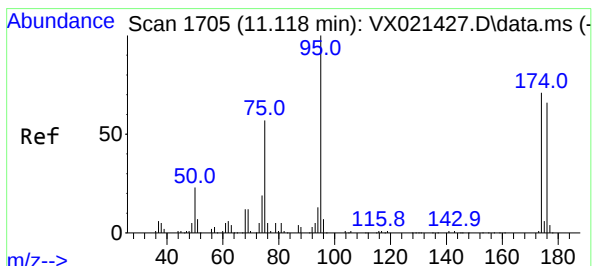
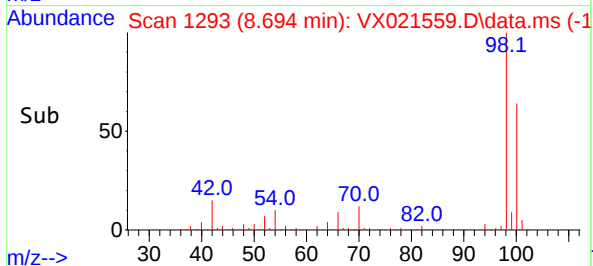
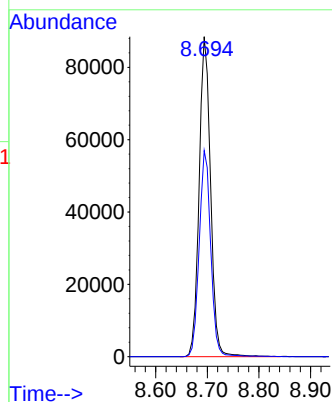
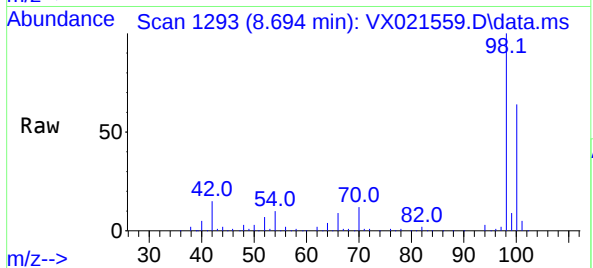




#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

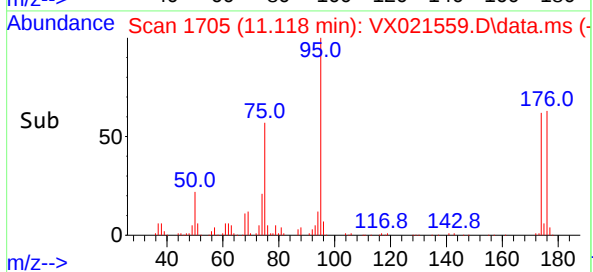
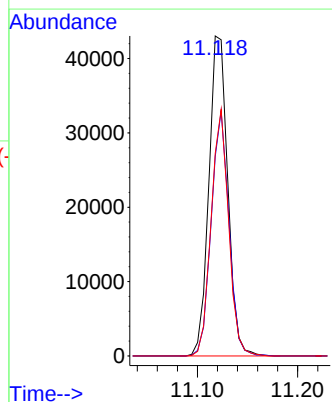
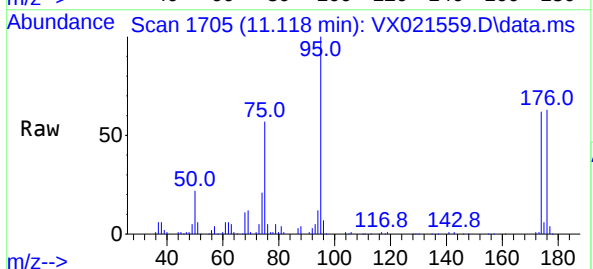
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210320

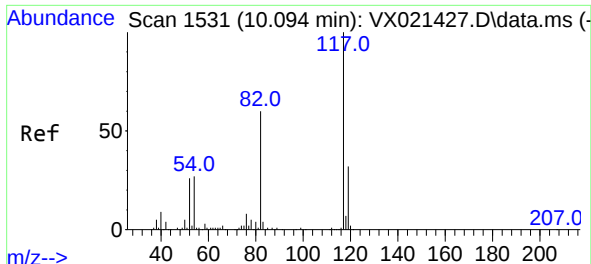
Tgt Ion: 98 Resp: 135741
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

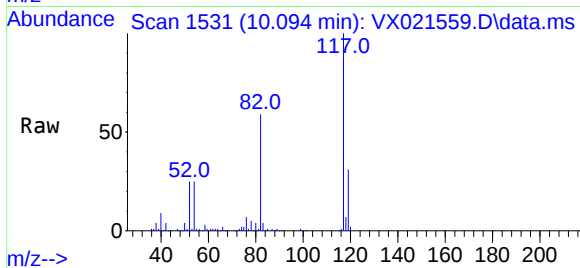
Tgt Ion: 95 Resp: 56408
Ion Ratio Lower Upper
95 100
174 71.7 0.0 154.6
176 71.2 0.0 155.8



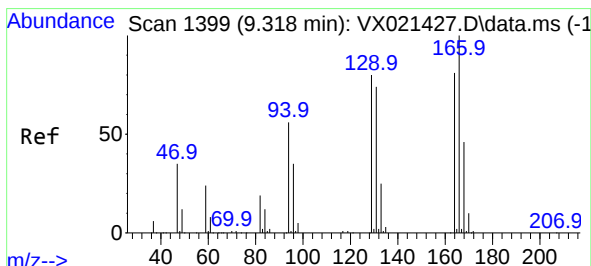
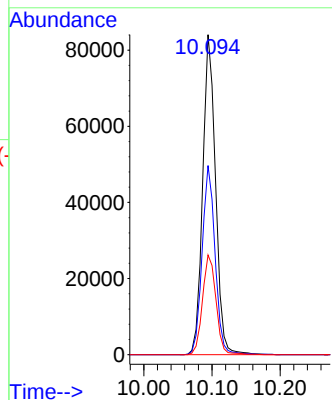
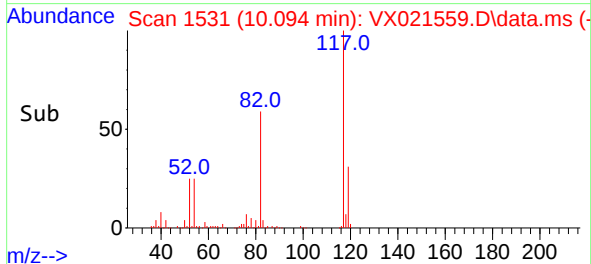


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30

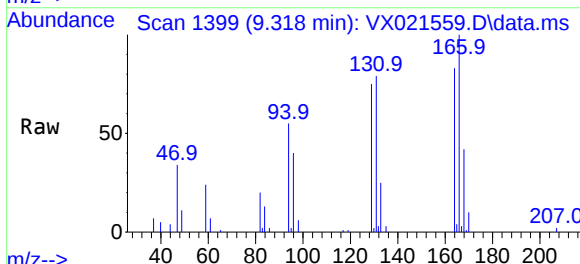
Instrument :
MSVOA_X
ClientSampleId :
MW202D-20210320



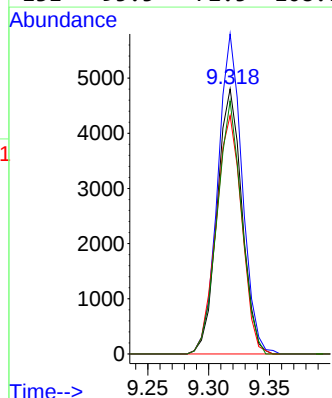
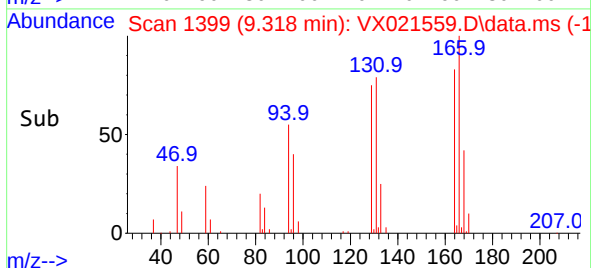
Tgt Ion:117 Resp: 110349
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.2 26.6 39.8

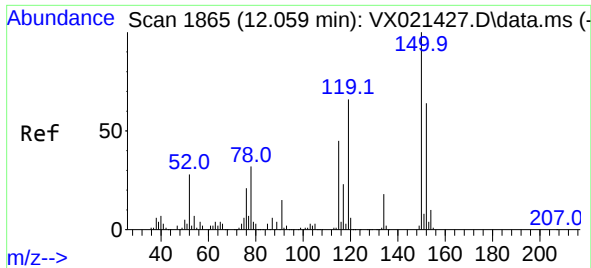


#64
Tetrachloroethene
Concen: 9.19 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021559.D
Acq: 27 Mar 2021 03:30



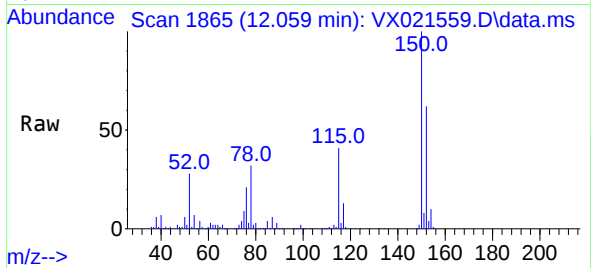
Tgt Ion:164 Resp: 6795
Ion Ratio Lower Upper
164 100
166 120.7 103.4 155.2
129 89.9 70.8 106.2
131 95.5 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021559.D
 Acq: 27 Mar 2021 03:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20210320



Tgt Ion:	152	Resp:	49832
Ion	Ratio	Lower	Upper
152	100		
115	63.9	41.1	123.3
150	160.3	0.0	349.0

