

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024319.D
 Acq On : 17 Sep 2021 19:06
 Operator : JC/MD
 Sample : M3782-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20210914

Quant Time: Sep 20 02:00:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	133269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	101093	53.196	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.400%
35) Dibromofluoromethane	5.397	113	80133	50.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.960%
50) Toluene-d8	8.653	98	243858	42.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	84.340%#
62) 4-Bromofluorobenzene	11.085	95	107010	47.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.100%

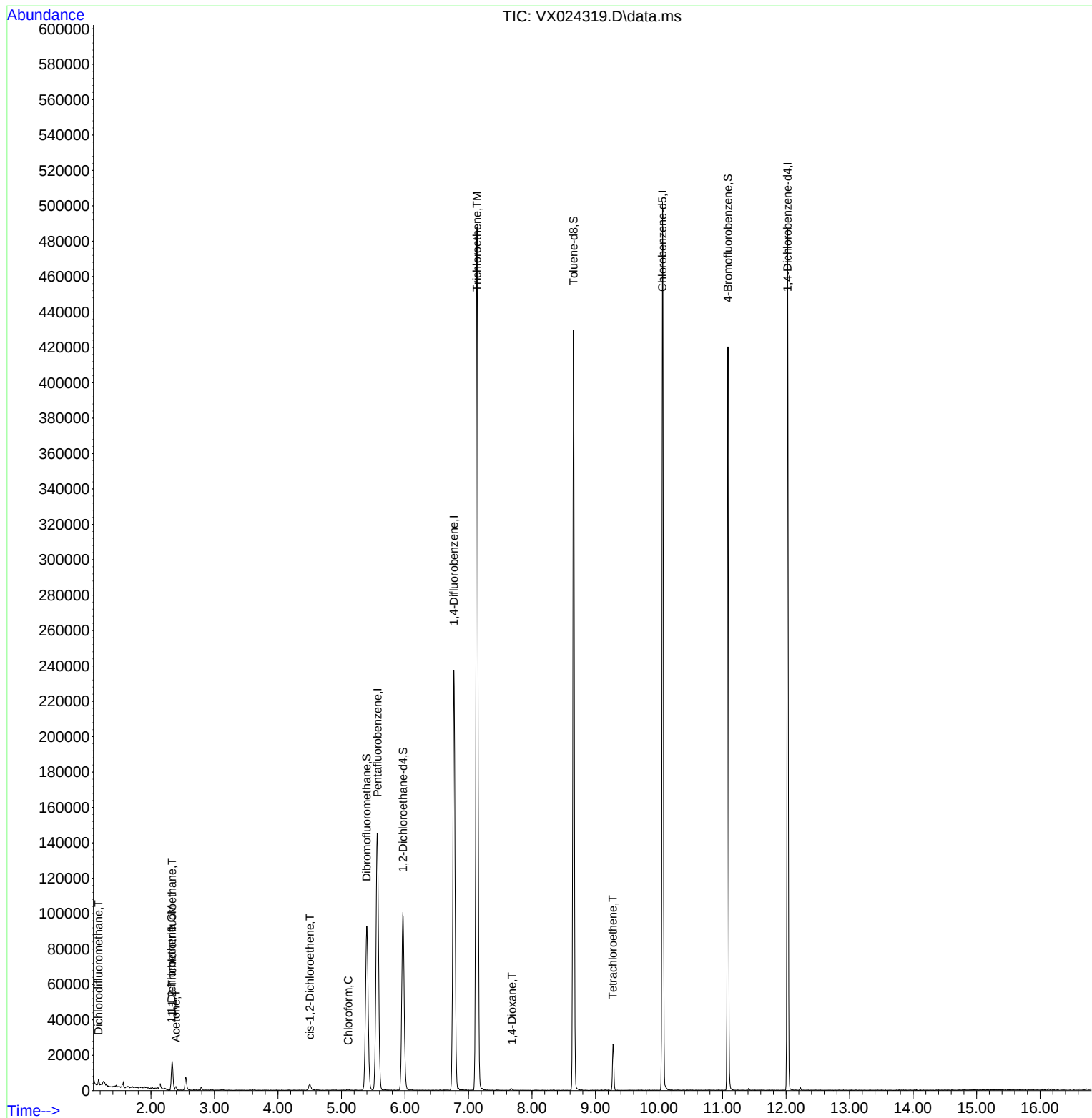
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	1141	0.891	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	5489	4.184	ug/l	93
12) 1,1-Dichloroethene	2.325	96	750	0.610	ug/l	94
16) Acetone	2.392	43	1971	2.432	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	2175	1.400	ug/l	87
30) Chloroform	5.105	83	645	0.236	ug/l	90
44) Trichloroethene	7.135	130	188251	107.346	ug/l	100
49) 1,4-Dioxane	7.684	88	752	17.832	ug/l #	93
64) Tetrachloroethene	9.275	164	4725	2.700	ug/l	93

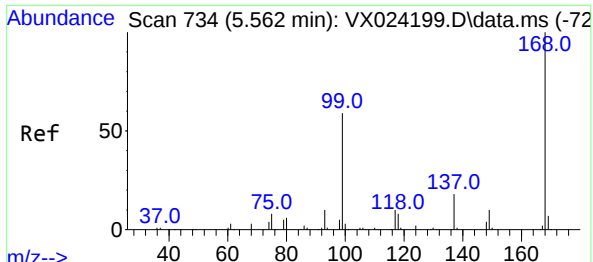
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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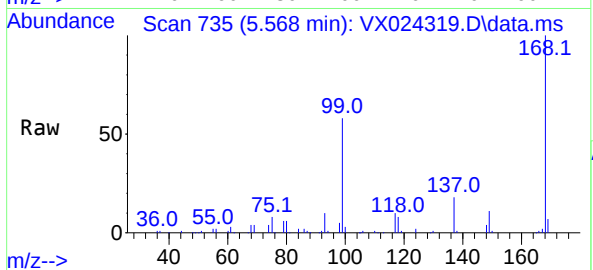
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
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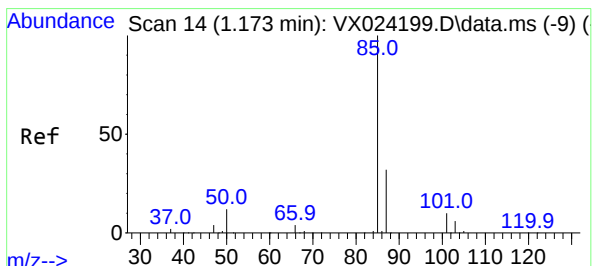
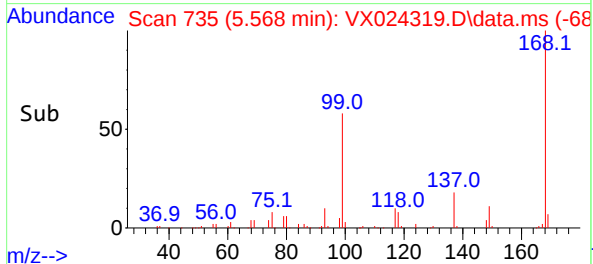
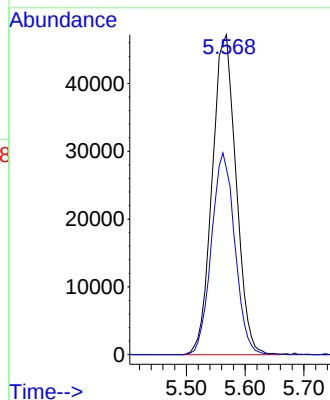


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210914

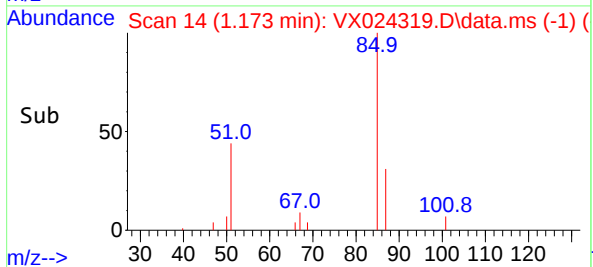
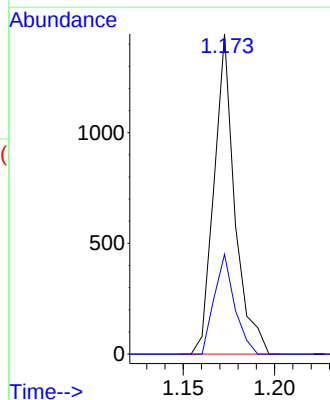
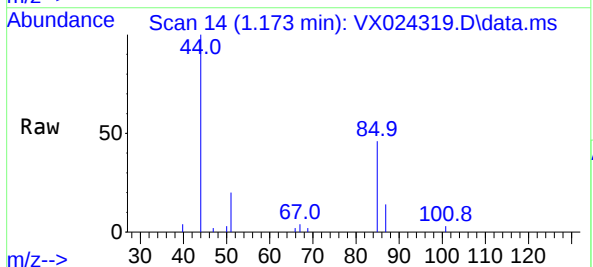


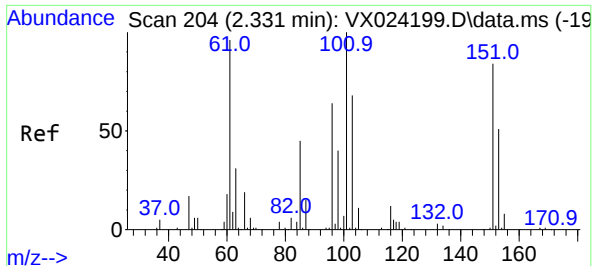
Tgt Ion:168 Resp: 133269
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.891 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

Tgt Ion: 85 Resp: 1141
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.2

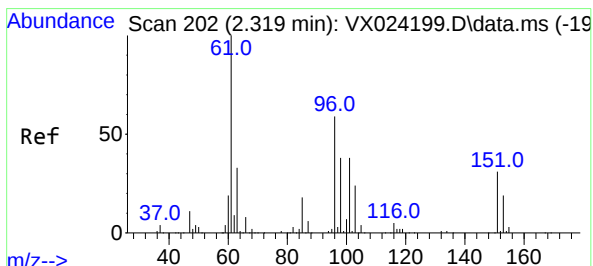
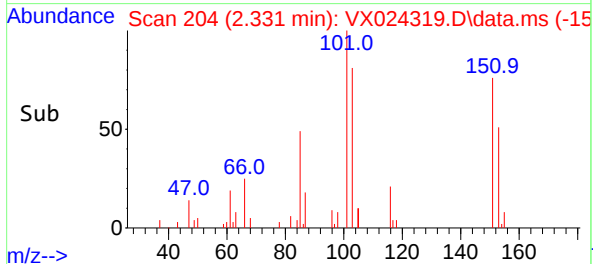
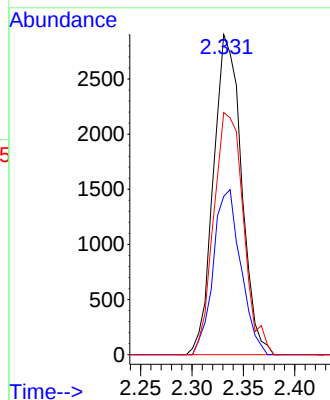
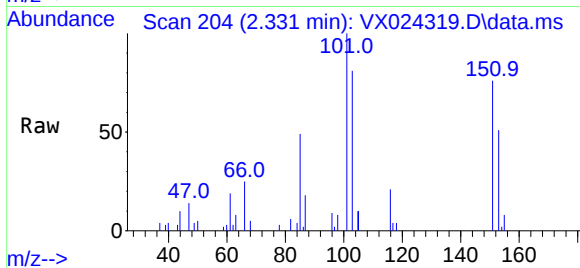




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.184 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

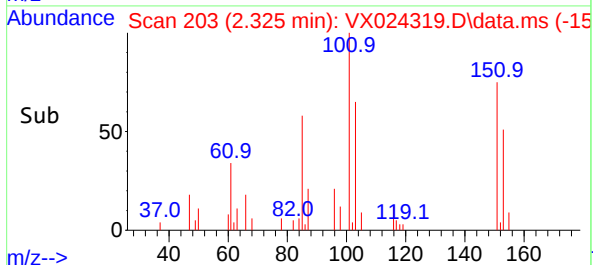
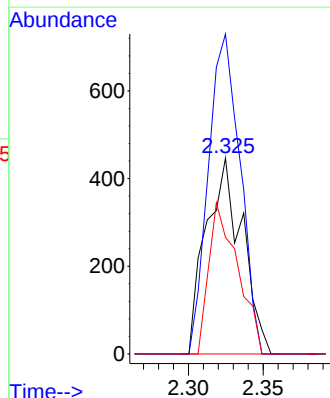
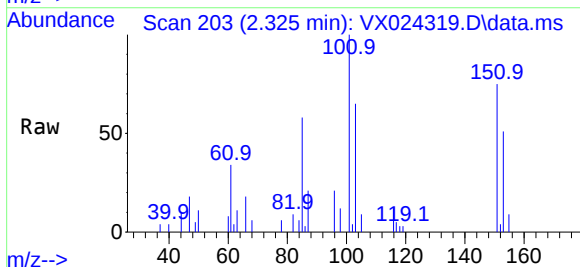
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210914

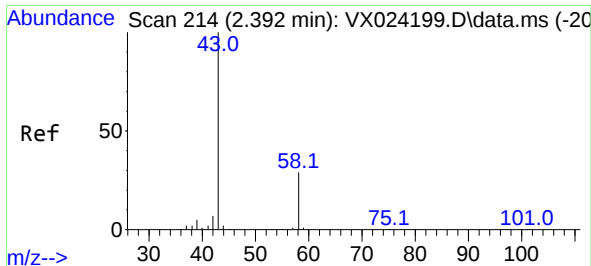
Tgt Ion:101 Resp: 5489
Ion Ratio Lower Upper
101 100
85 50.7 34.9 52.3
151 80.5 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.610 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

Tgt Ion: 96 Resp: 750
Ion Ratio Lower Upper
96 100
61 163.3 124.6 187.0
98 59.5 50.6 76.0

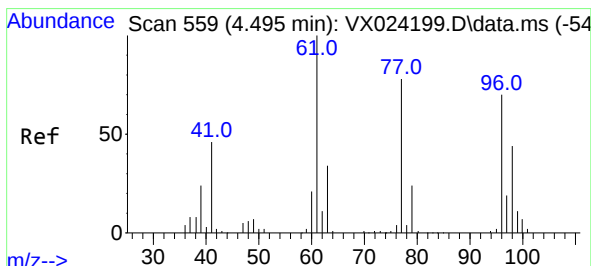
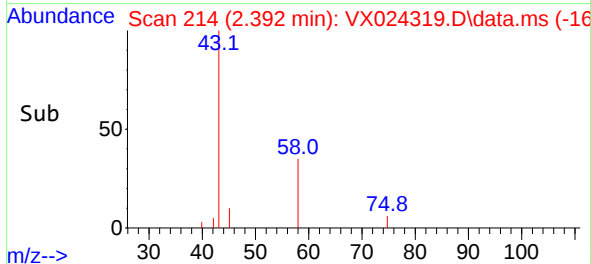
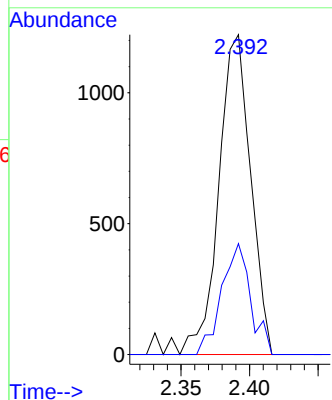
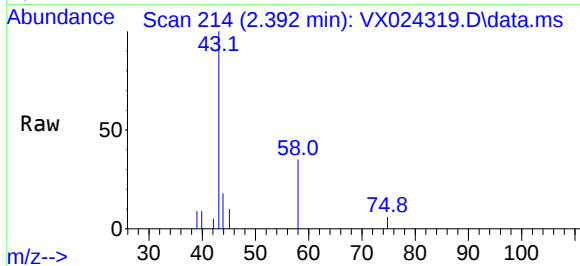




#16
Acetone
Concen: 2.432 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

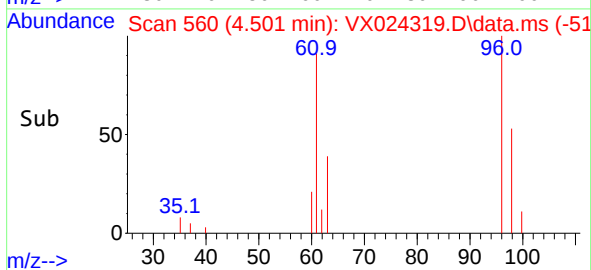
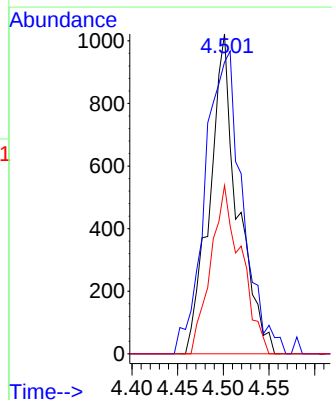
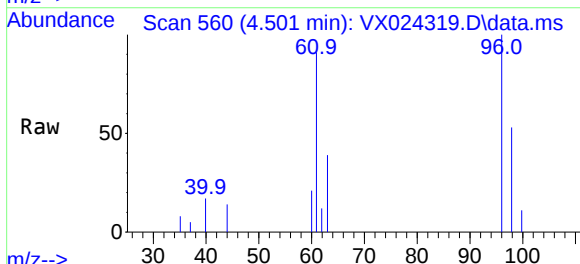
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210914

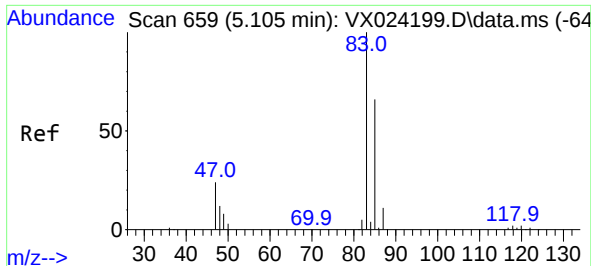
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#27
cis-1,2-Dichloroethene
Concen: 1.400 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

Tgt Ion: 96 Resp: 2175
Ion Ratio Lower Upper
96 100
61 125.7 0.0 285.6
98 57.1 0.0 129.6





#30

Chloroform

Concen: 0.236 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024319.D

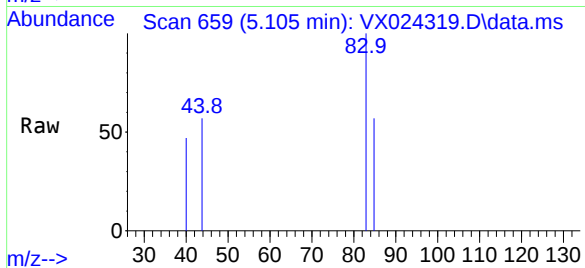
Acq: 17 Sep 2021 19:06

Tgt Ion: 83 Resp: 645

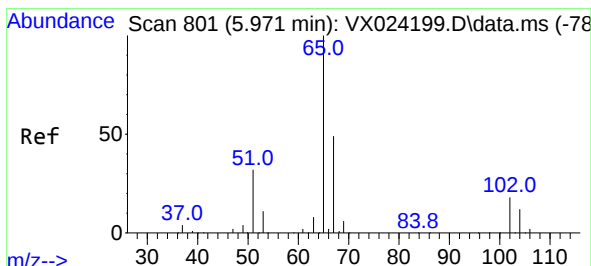
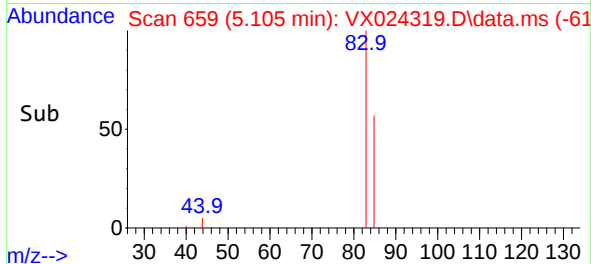
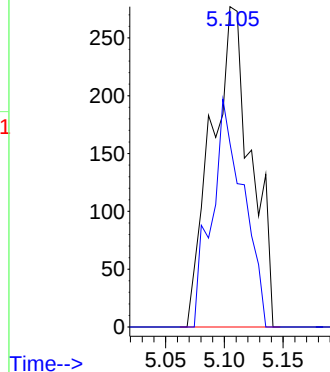
Ion Ratio Lower Upper

83 100

85 57.4 52.0 78.0



Abundance



#33

1,2-Dichloroethane-d4

Concen: 53.196 ug/l

RT: 5.970 min Scan# 801

Delta R.T. -0.001 min

Lab File: VX024319.D

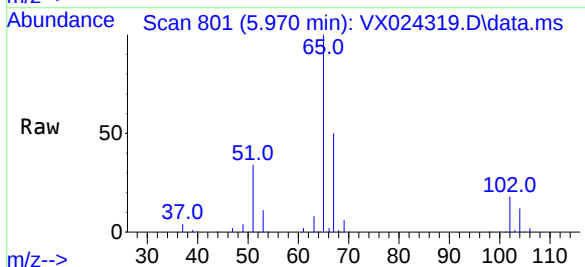
Acq: 17 Sep 2021 19:06

Tgt Ion: 65 Resp: 101093

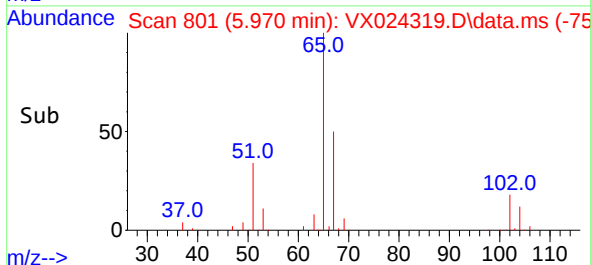
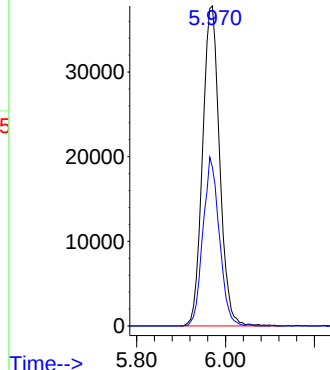
Ion Ratio Lower Upper

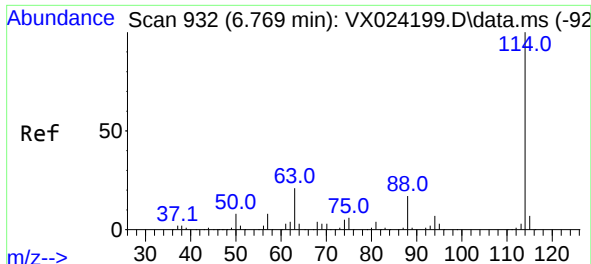
65 100

67 50.6 0.0 105.4



Abundance

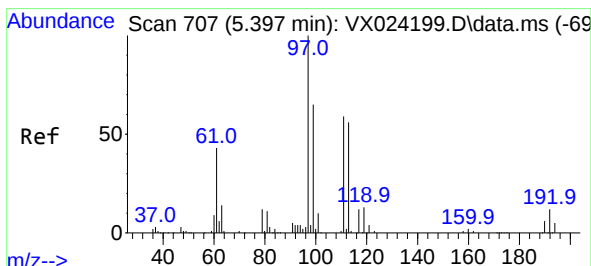
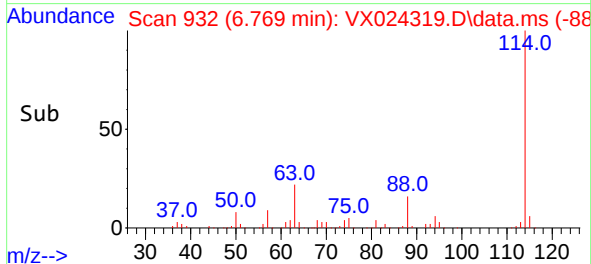
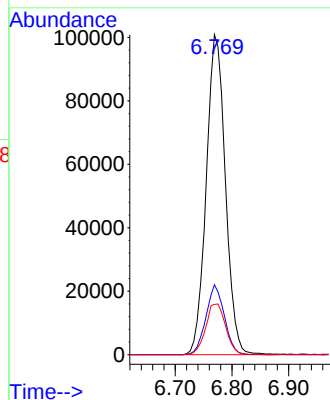
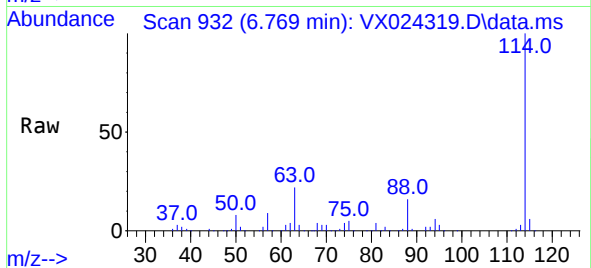




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

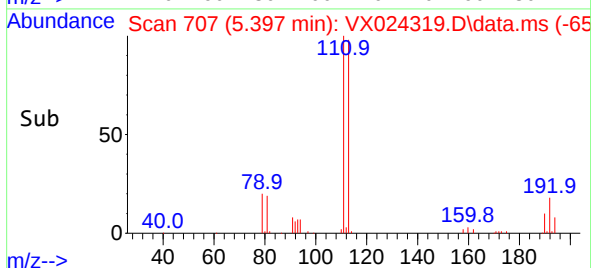
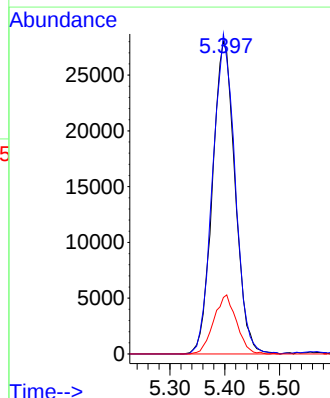
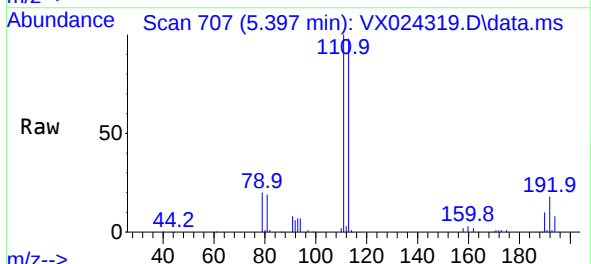
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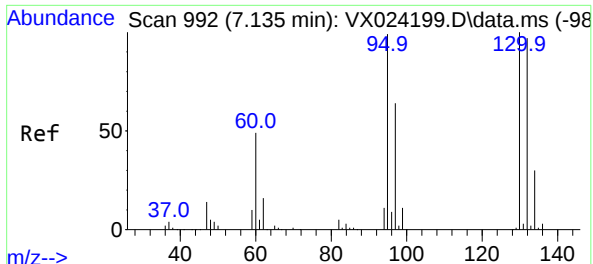
Tgt Ion:114 Resp: 236696
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.481 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

Tgt Ion:113 Resp: 80133
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.0 16.7 25.1

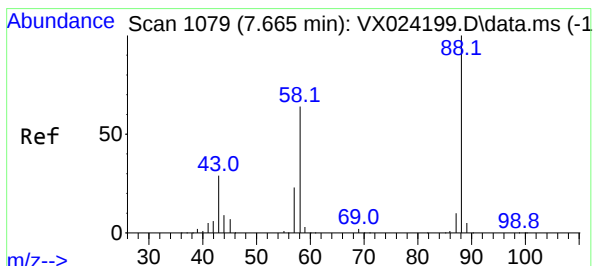
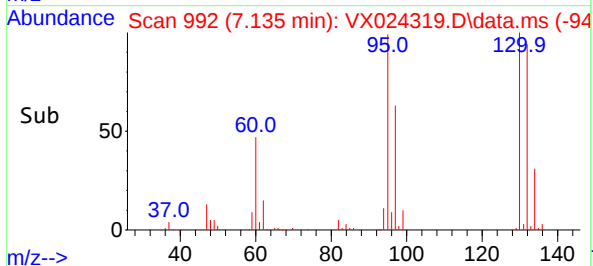
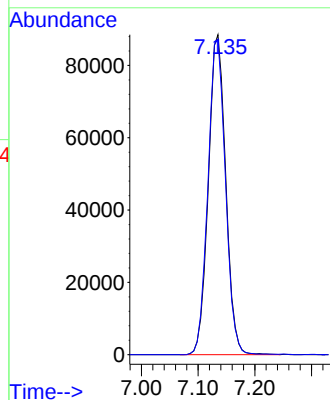
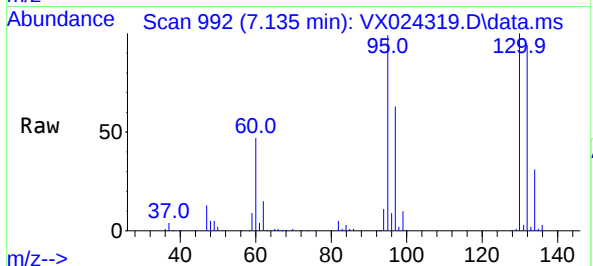




#44
Trichloroethene
Concen: 107.346 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

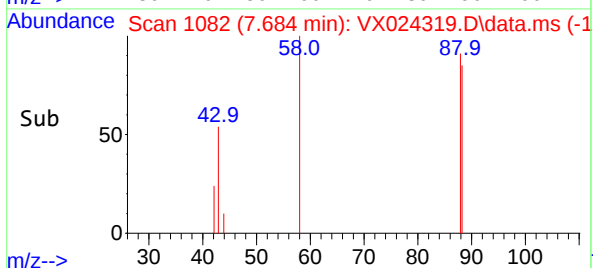
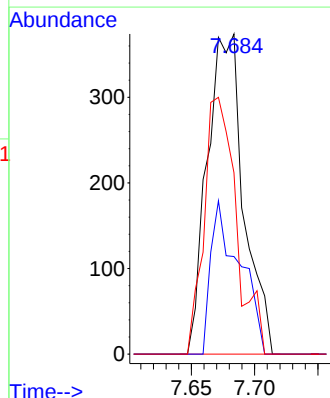
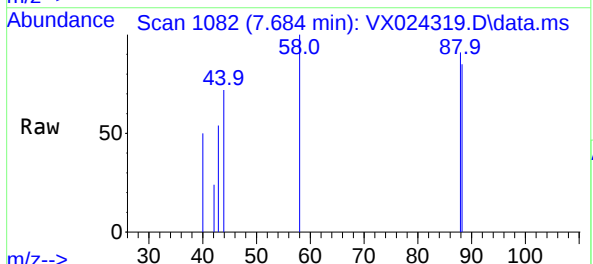
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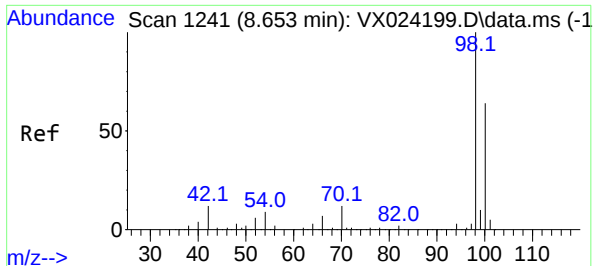
Tgt Ion:130 Resp: 188251
Ion Ratio Lower Upper
130 100
95 98.6 0.0 198.0



#49
1,4-Dioxane
Concen: 17.832 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.019 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

Tgt Ion: 88 Resp: 752
Ion Ratio Lower Upper
88 100
43 37.9 23.2 34.8#
58 70.6 55.0 82.4





#50

Toluene-d8

Concen: 42.170 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024319.D

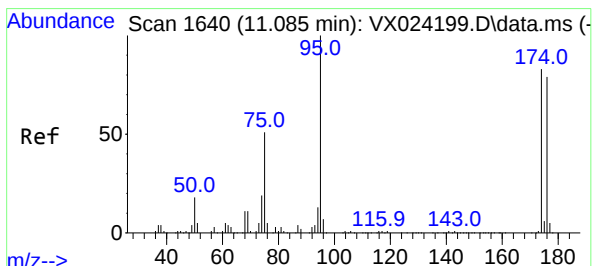
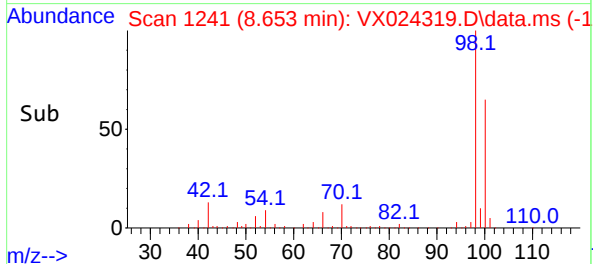
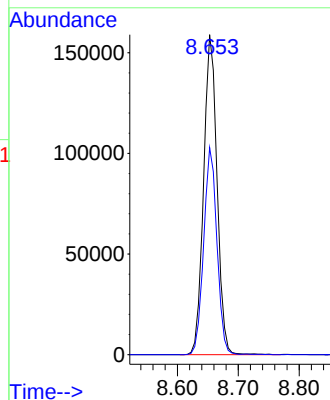
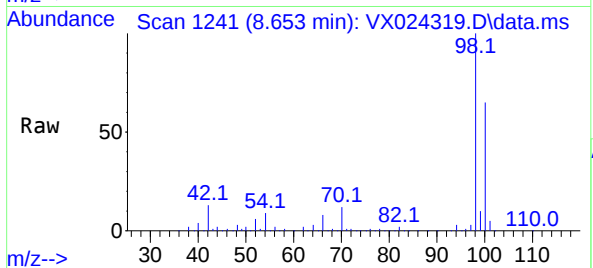
Acq: 17 Sep 2021 19:06

Tgt Ion: 98 Resp: 243858

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 47.550 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024319.D

Acq: 17 Sep 2021 19:06

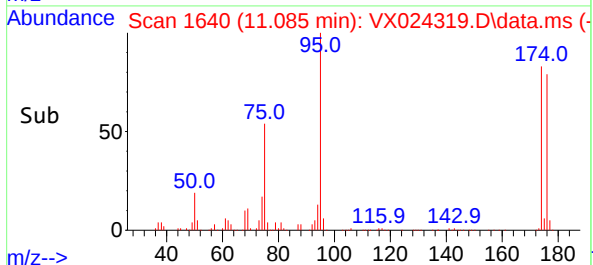
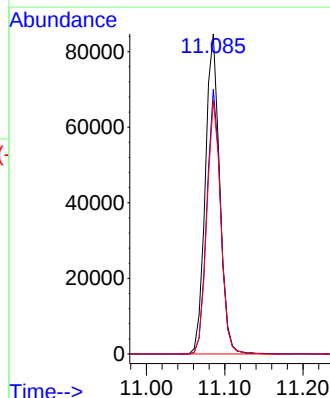
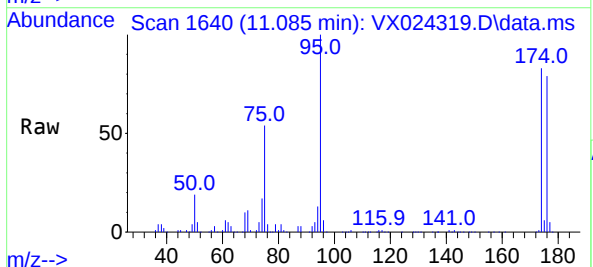
Tgt Ion: 95 Resp: 107010

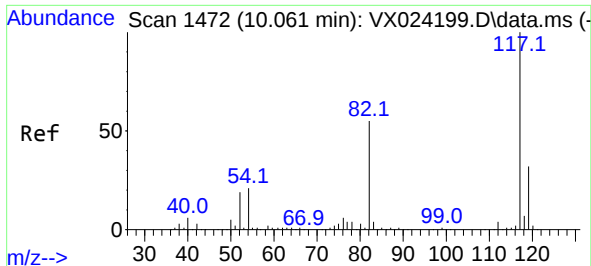
Ion Ratio Lower Upper

95 100

174 80.1 0.0 154.6

176 77.0 0.0 155.8

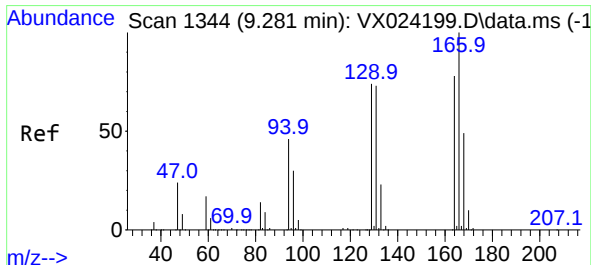
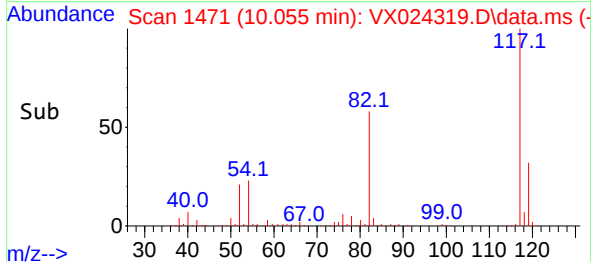
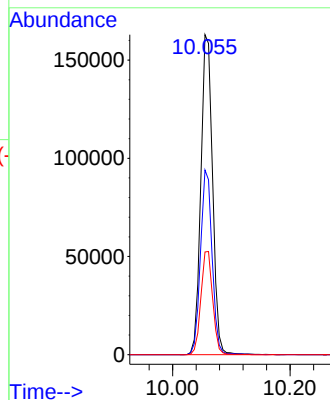
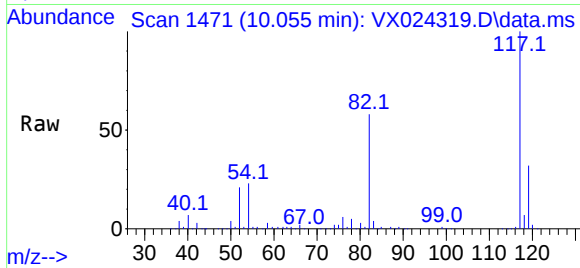




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

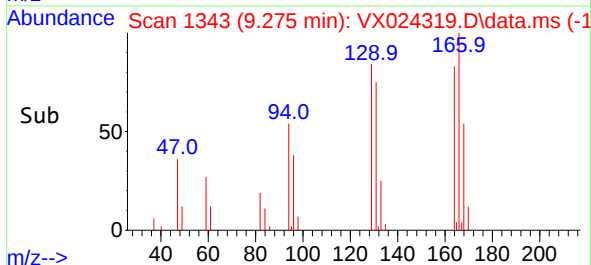
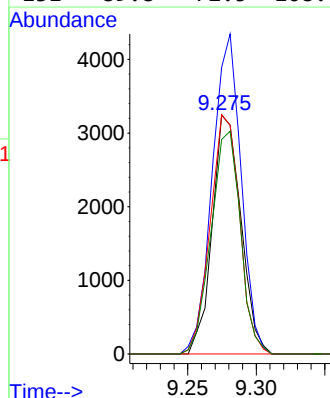
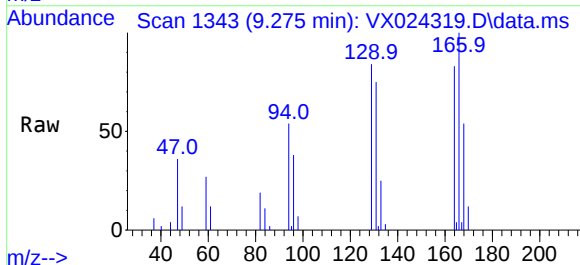
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20210914

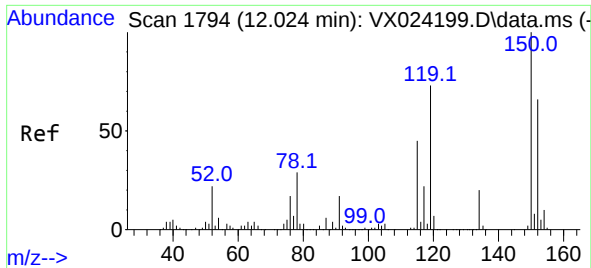
Tgt Ion:117 Resp: 225927
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 2.700 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024319.D
Acq: 17 Sep 2021 19:06

Tgt Ion:164 Resp: 4725
Ion Ratio Lower Upper
164 100
166 119.9 103.4 155.2
129 100.2 70.8 106.2
131 89.8 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024319.D
 Acq: 17 Sep 2021 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20210914

Tgt Ion:152 Resp: 96602
 Ion Ratio Lower Upper
 152 100
 115 60.7 41.1 123.3
 150 156.8 0.0 349.0

