

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037264.D
 Acq On : 25 Aug 2023 12:19
 Operator : JC/MD
 Sample : 04051-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20230816

Quant Time: Aug 26 02:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

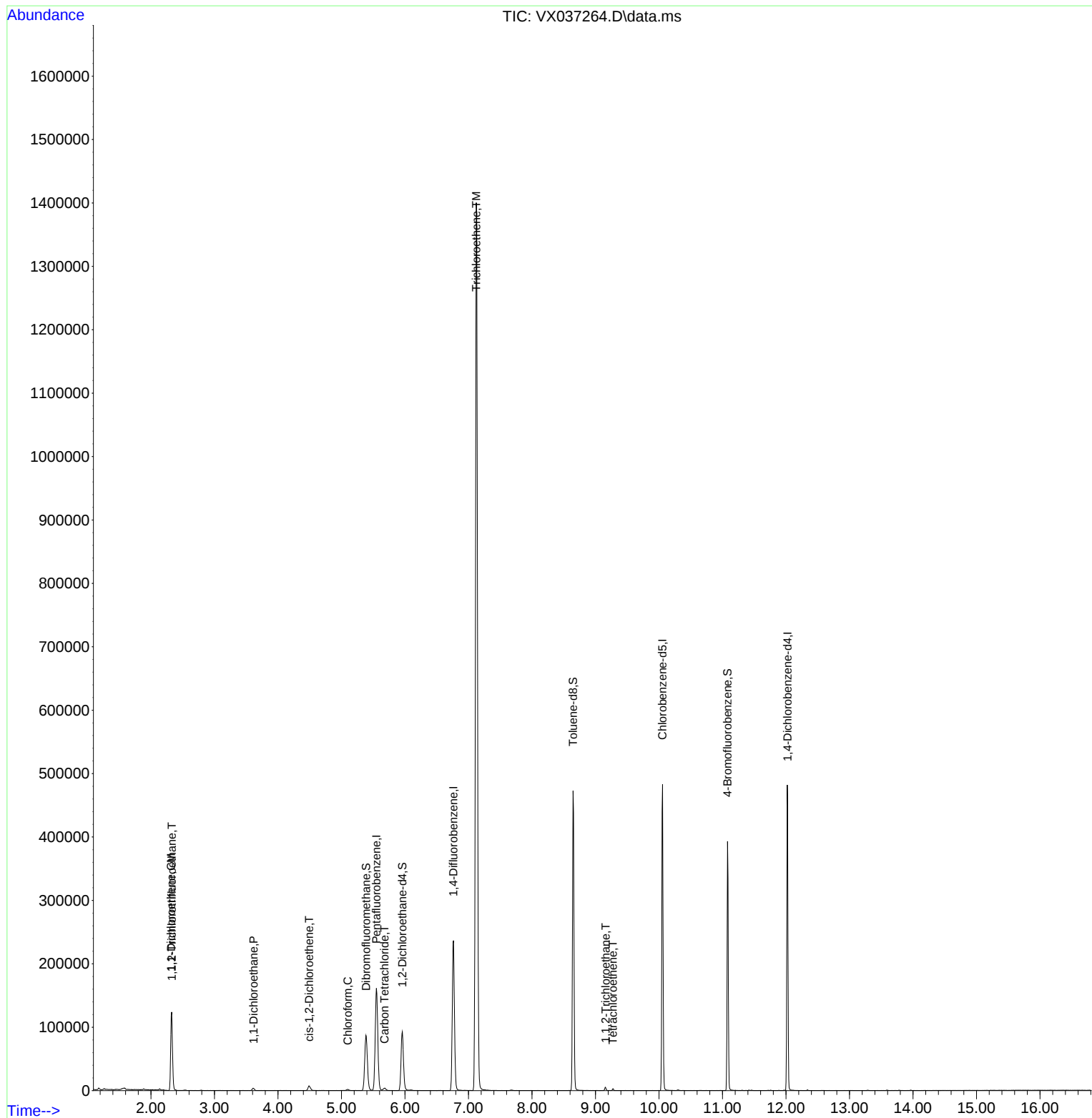
Internal Standards						
1) Pentafluorobenzene	5.550	168	149391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93115	43.234	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.460%
35) Dibromofluoromethane	5.385	113	74973	45.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.647	98	287757	47.803	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.600%
62) 4-Bromofluorobenzene	11.079	95	107634	45.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.000%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	30822	19.518	ug/l	97
12) 1,1-Dichloroethene	2.319	96	21702	14.112	ug/l	82
24) 1,1-Dichloroethane	3.617	63	4485	1.464	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	5140	2.494	ug/l	78
30) Chloroform	5.099	83	2204	0.641	ug/l	91
38) Carbon Tetrachloride	5.678	117	3425	1.337	ug/l	85
44) Trichloroethene	7.123	130	559466	291.788	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	1472	0.809	ug/l	95
64) Tetrachloroethene	9.275	164	515	0.320	ug/l	92

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

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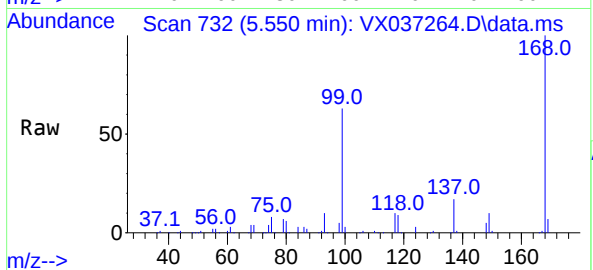
Quant Time: Aug 26 02:19:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



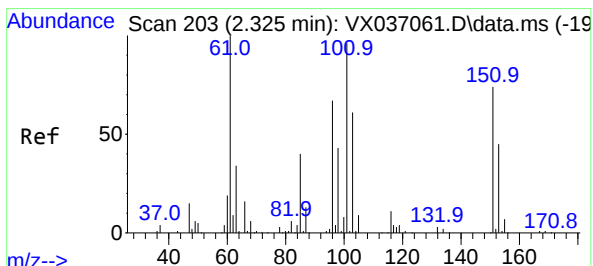
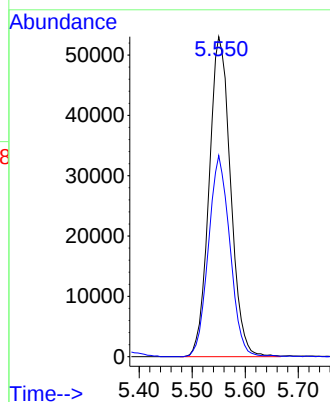
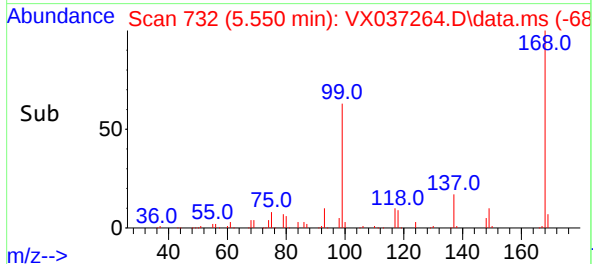


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

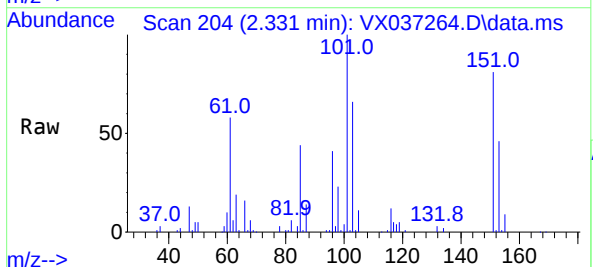
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816



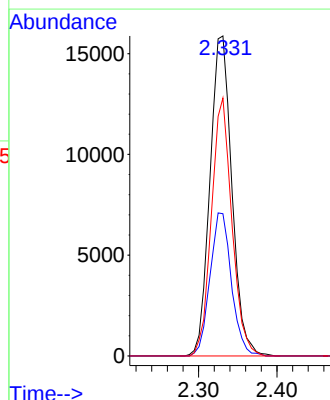
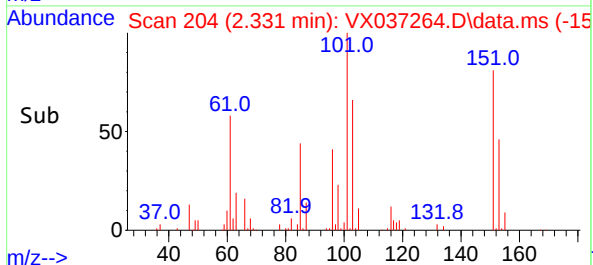
Tgt Ion:168 Resp: 149391
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0

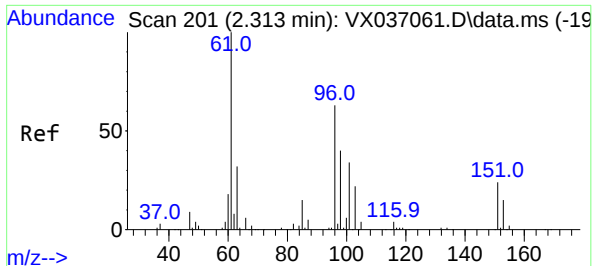


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.518 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19



Tgt Ion:101 Resp: 30822
Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.6
151 75.4 58.6 87.8





#12

1,1-Dichloroethene

Concen: 14.112 ug/l

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037264.D

Acq: 25 Aug 2023 12:19

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20230816

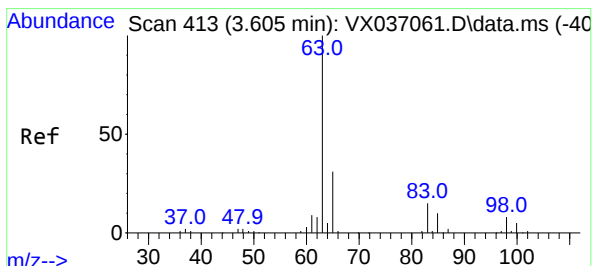
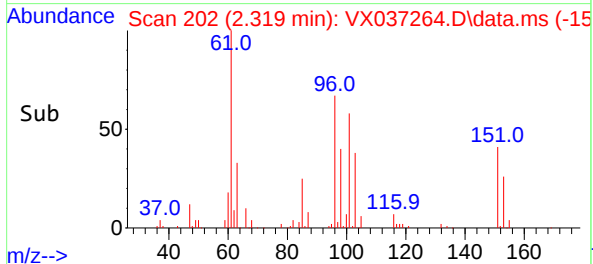
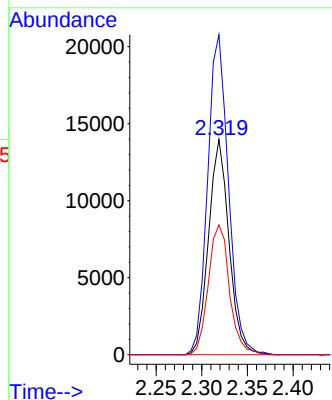
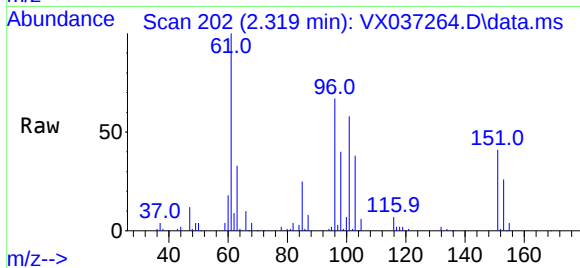
Tgt Ion: 96 Resp: 21702

Ion Ratio Lower Upper

96 100

61 148.7 144.6 216.8

98 60.2 50.4 75.6



#24

1,1-Dichloroethane

Concen: 1.464 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.012 min

Lab File: VX037264.D

Acq: 25 Aug 2023 12:19

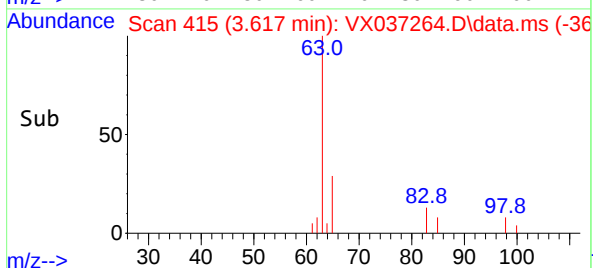
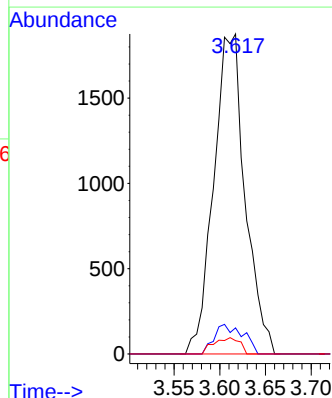
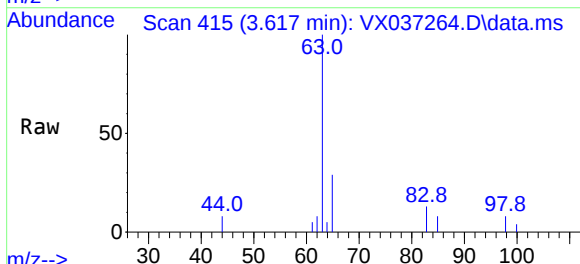
Tgt Ion: 63 Resp: 4485

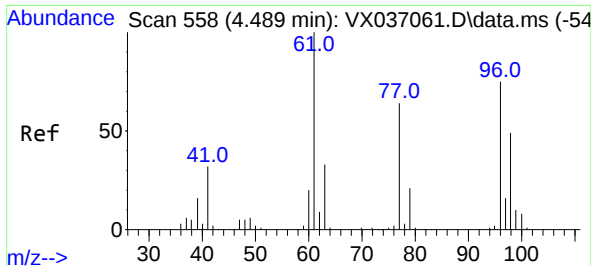
Ion Ratio Lower Upper

63 100

98 8.2 3.3 9.8

100 4.2 2.1 6.5

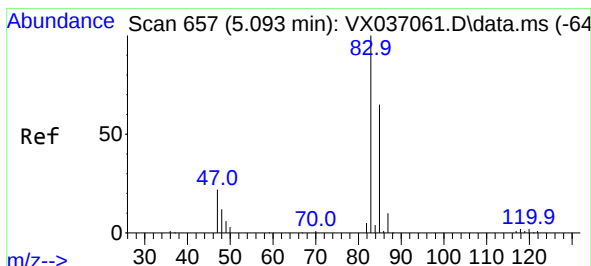
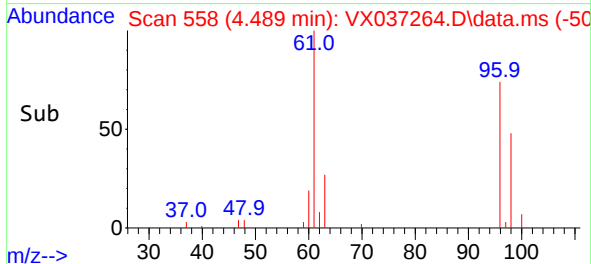
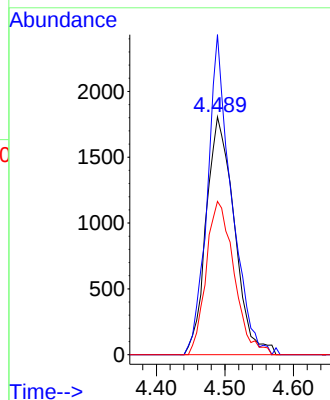
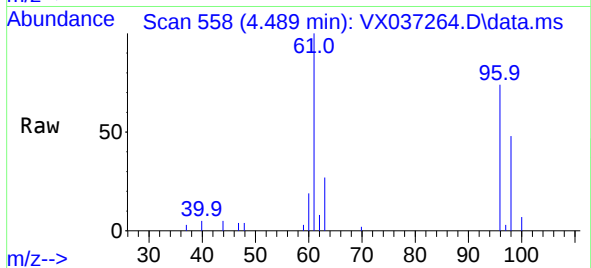




#27
cis-1,2-Dichloroethene
Concen: 2.494 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

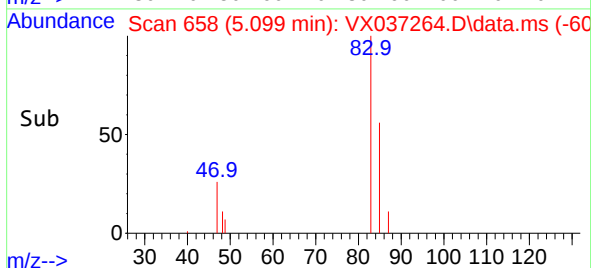
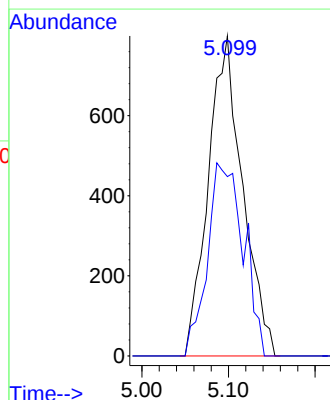
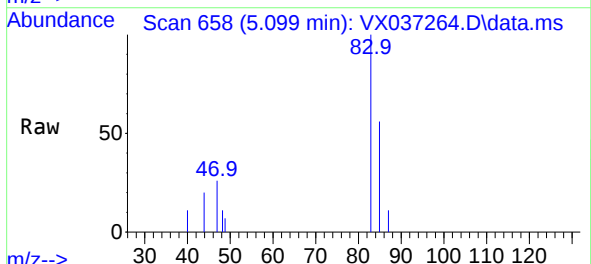
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816

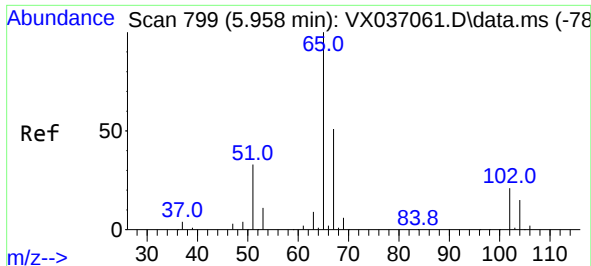
Tgt Ion: 96 Resp: 5140
Ion Ratio Lower Upper
96 100
61 115.5 0.0 312.2
98 64.1 0.0 129.0



#30
Chloroform
Concen: 0.641 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

Tgt Ion: 83 Resp: 2204
Ion Ratio Lower Upper
83 100
85 56.1 50.3 75.5

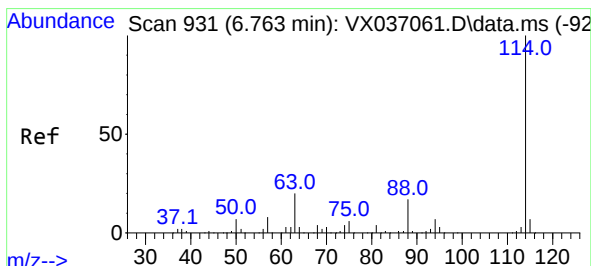
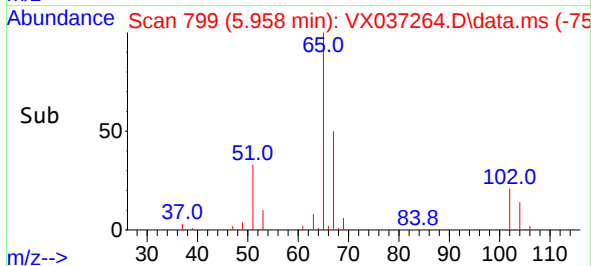
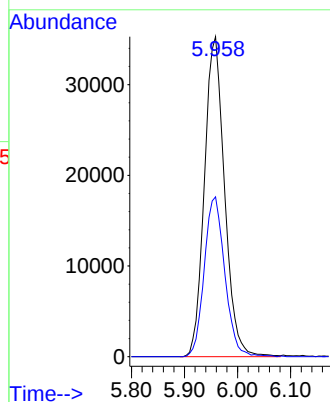
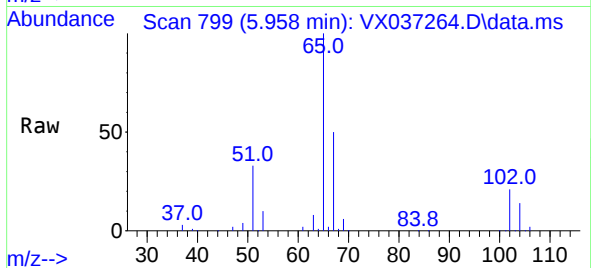




#33
 1,2-Dichloroethane-d4
 Concen: 43.234 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037264.D
 Acq: 25 Aug 2023 12:19

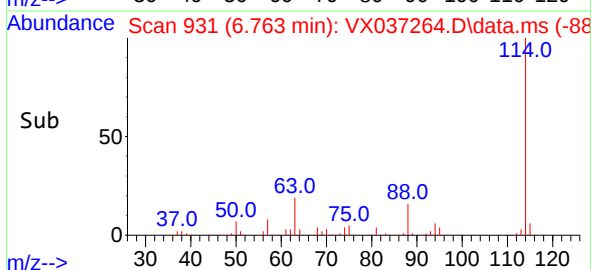
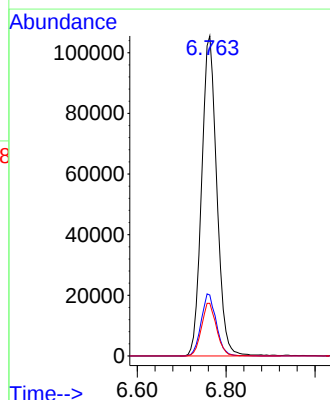
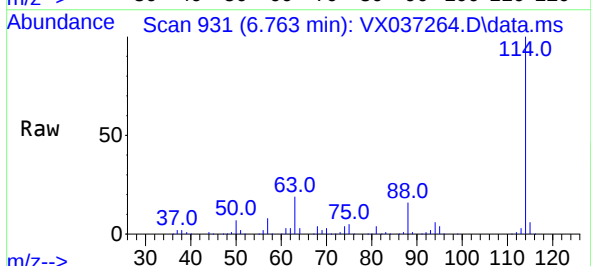
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20230816

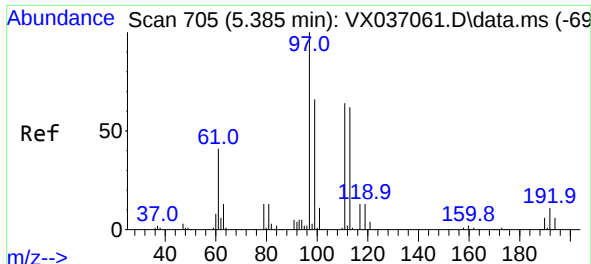
Tgt Ion: 65 Resp: 93115
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037264.D
 Acq: 25 Aug 2023 12:19

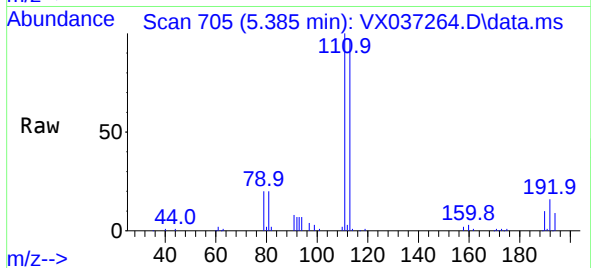
Tgt Ion: 114 Resp: 250575
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 45.0
 88 16.4 0.0 36.6





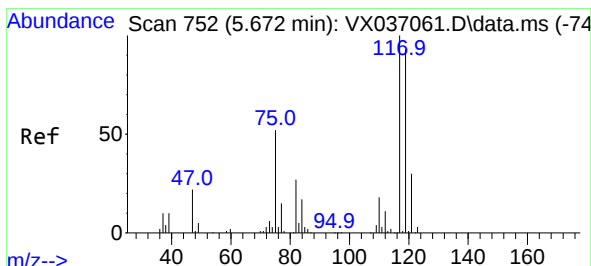
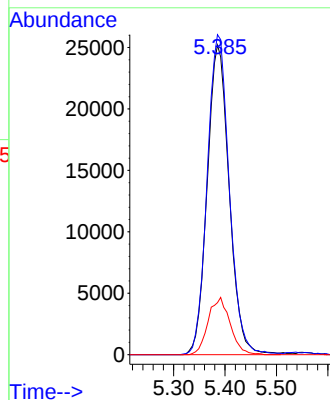
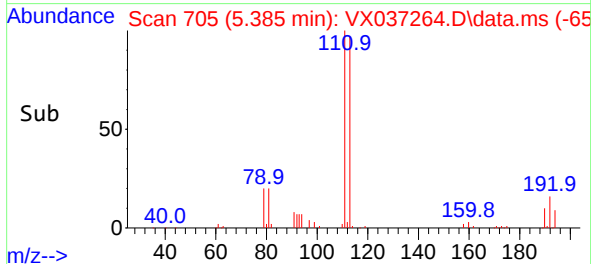
#35
Dibromofluoromethane
Concen: 45.178 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816

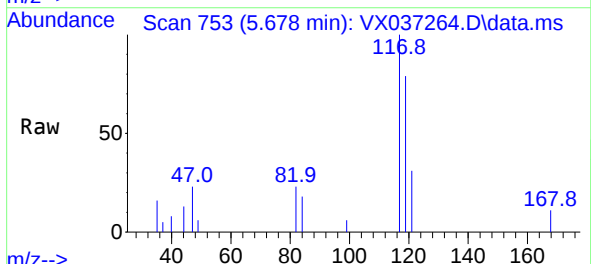


Tgt Ion:113 Resp: 74973

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.4	13.3	19.9

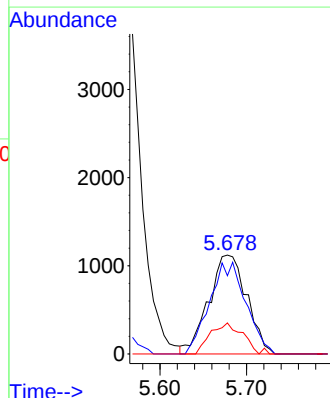
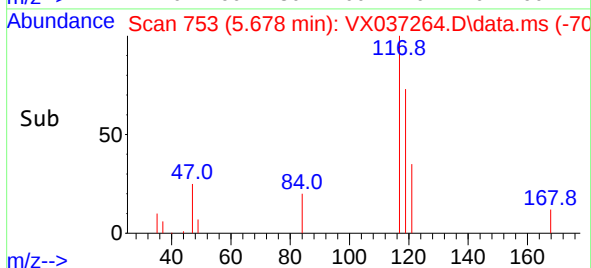


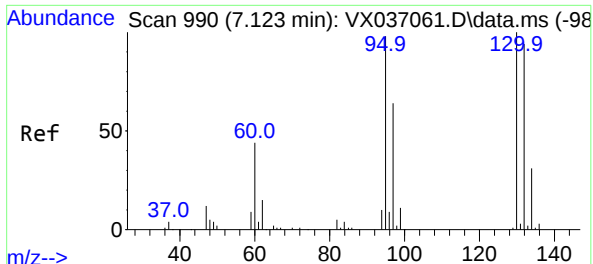
#38
Carbon Tetrachloride
Concen: 1.337 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19



Tgt Ion:117 Resp: 3425

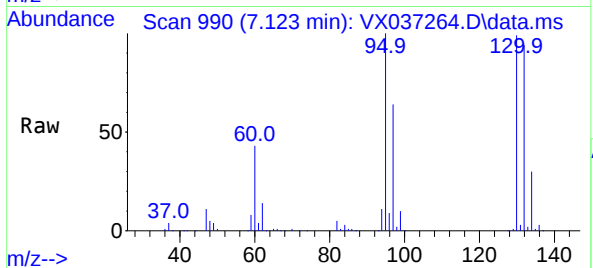
Ion	Ratio	Lower	Upper
117	100		
119	79.1	78.2	117.2
121	31.4	24.4	36.6



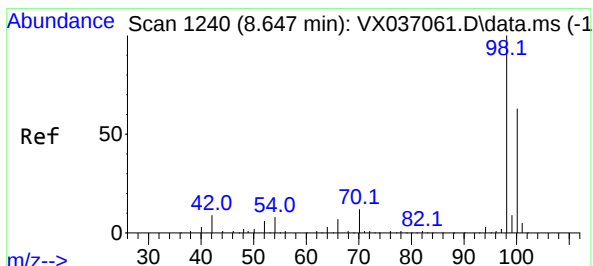
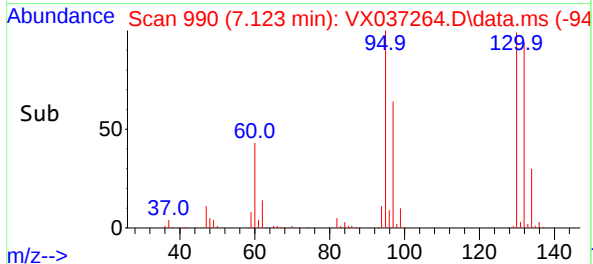
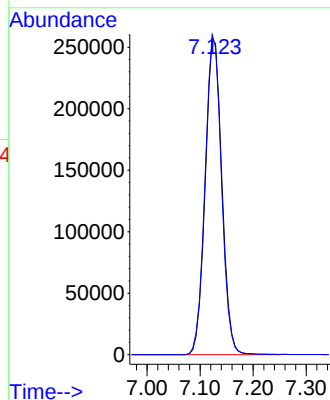


#44
Trichloroethene
Concen: 291.788 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816

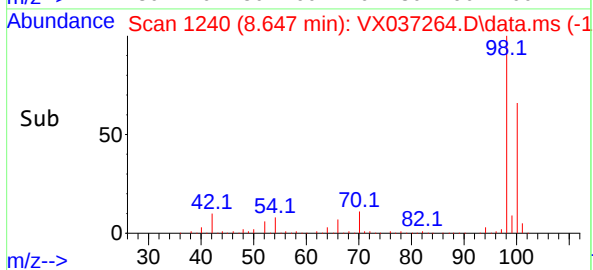
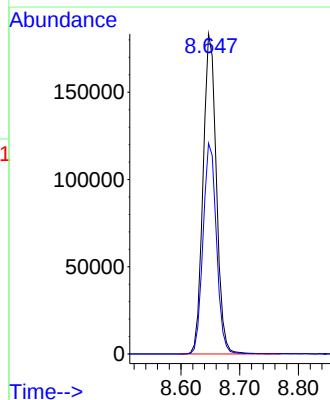
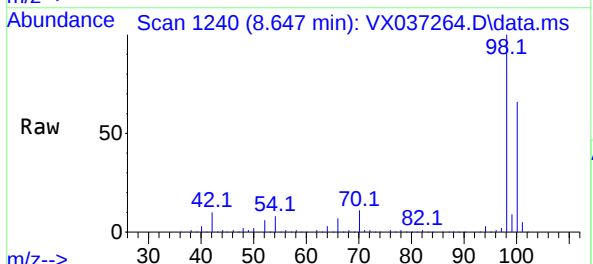


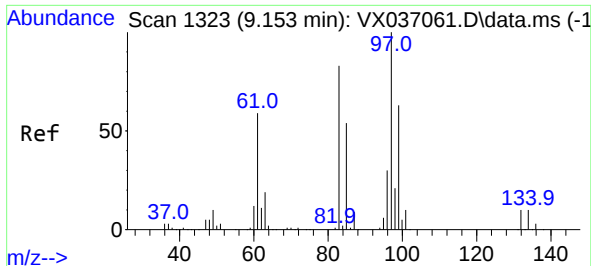
Tgt Ion:130 Resp: 559466
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.4



#50
Toluene-d8
Concen: 47.803 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

Tgt Ion: 98 Resp: 287757
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



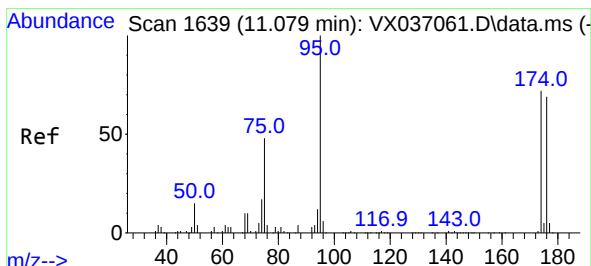
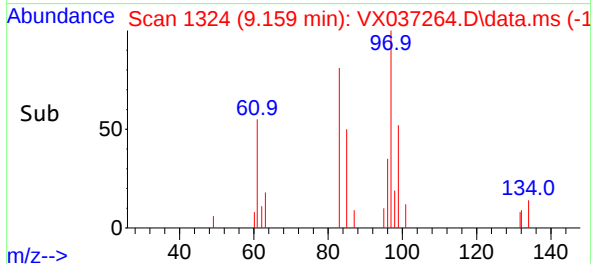
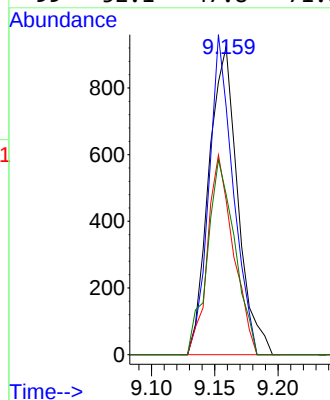
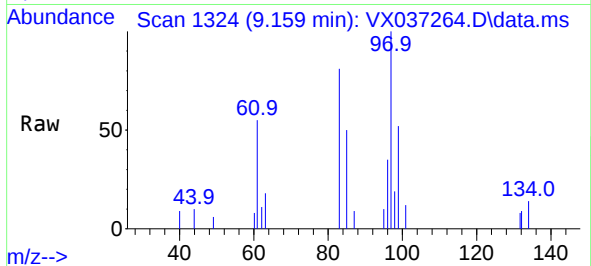


#55
1,1,2-Trichloroethane
Concen: 0.809 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816

Tgt Ion: 97 Resp: 1472

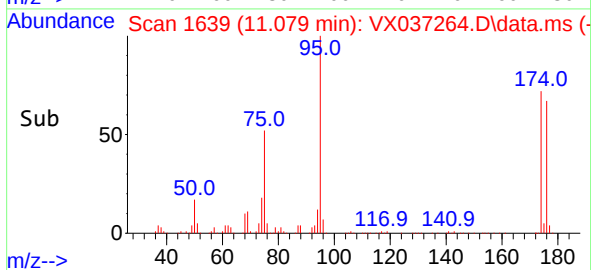
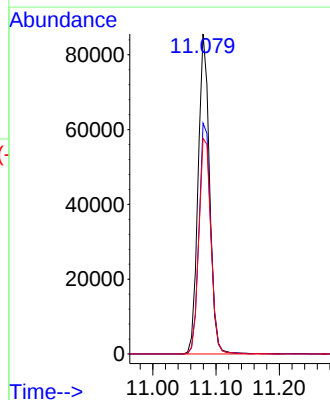
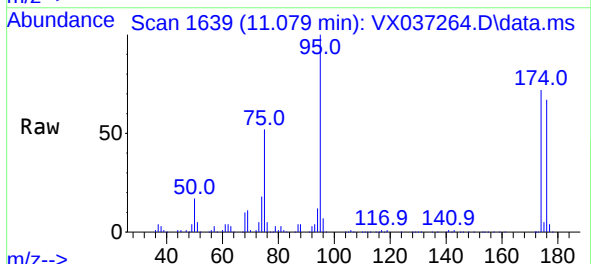
Ion	Ratio	Lower	Upper
97	100		
83	80.6	65.8	98.8
85	50.2	41.6	62.4
99	52.1	47.8	71.8

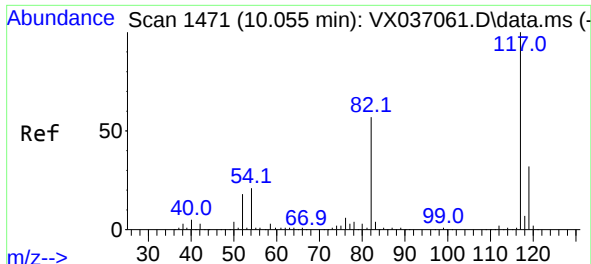


#62
4-Bromofluorobenzene
Concen: 45.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

Tgt Ion: 95 Resp: 107634

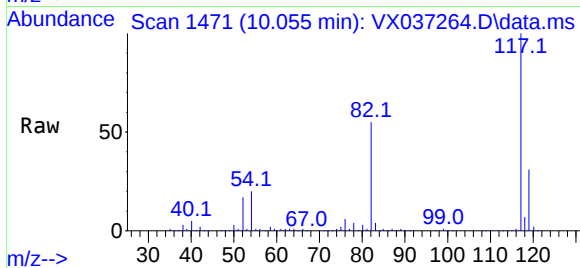
Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	135.6
176	71.0	0.0	131.0



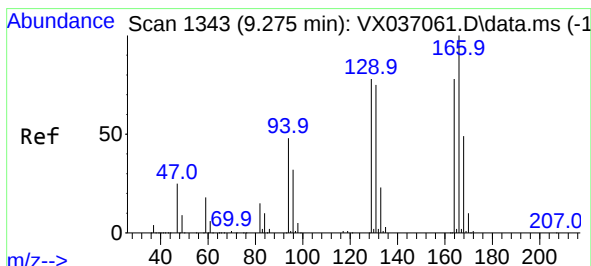
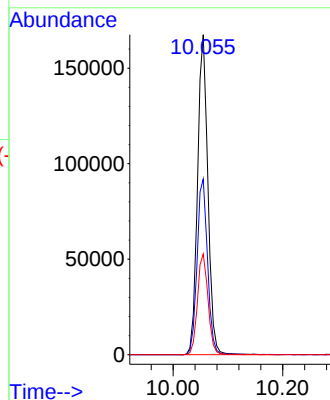
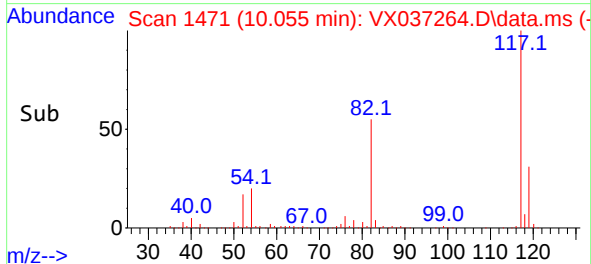


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19

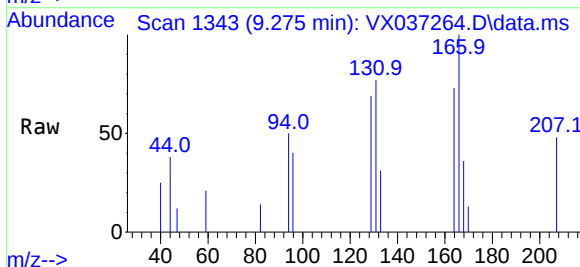
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20230816



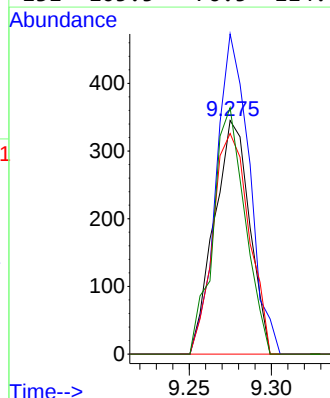
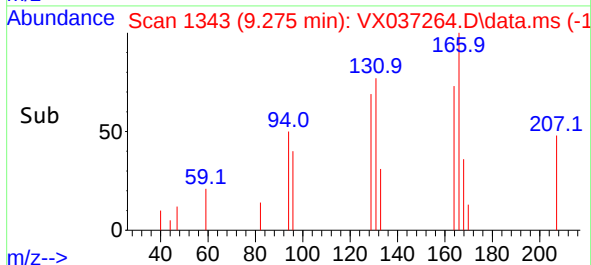
Tgt Ion:117 Resp: 220614
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.5 25.5 38.3

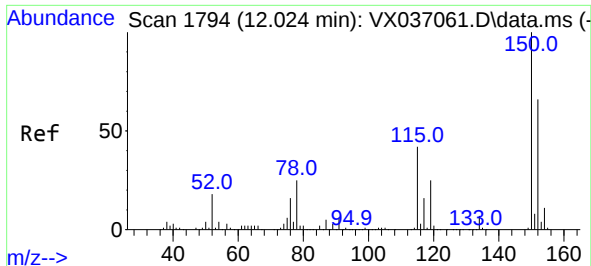


#64
Tetrachloroethene
Concen: 0.320 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037264.D
Acq: 25 Aug 2023 12:19



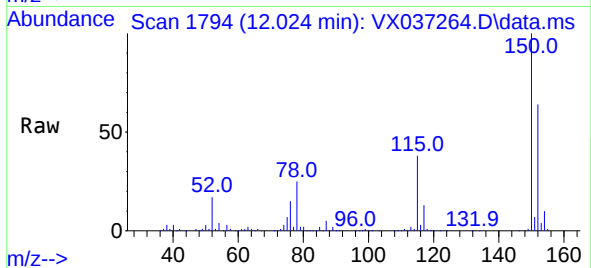
Tgt Ion:164 Resp: 515
Ion Ratio Lower Upper
164 100
166 137.1 102.7 154.1
129 94.5 80.4 120.6
131 105.5 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037264.D
 Acq: 25 Aug 2023 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20230816



Tgt Ion:152 Resp: 98746
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 157.7 0.0 345.0

