

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037403.D
 Acq On : 20 Sep 2024 00:18
 Operator : SY/MD
 Sample : P3988-13 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 04:16:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	316277	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	315423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63406	3.417	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.529	69	75904	3.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.047	65	39471	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.838	46	302580	54.565	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.140%
24) Chloroform-d	4.240	84	208157	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.937	65	102336	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.950	84	391567	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.982	67	132578	5.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.239	98	313573	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.561	79	35077	4.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.034	63	227345	53.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	113791	5.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	130034	4.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	6265	0.203	ug/L #	1
6) Bromomethane	1.484	94	3168	0.171	ug/L	82
8) Chloroethane	1.407	64	47261	2.551	ug/L #	53
13) Acetone	2.156	43	120281	31.152	ug/L	92
14) Carbon disulfide	2.230	76	8736	0.125	ug/L	97
15) Methyl Acetate	2.384	43	20746	2.346	ug/L	92
16) Methylene chloride	2.439	84	6049	0.237	ug/L	91
19) 1,1-Dichloroethane	3.108	63	6925	0.156	ug/L	96
21) 2-Butanone	3.908	43	566055	96.460	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	36712	1.456	ug/L	98
34) Trichloroethene	5.838	95	15421	0.602	ug/L	98
35) Methylcyclohexane	5.982	83	31361	0.806	ug/L #	20
37) 1,2-Dichloropropane	5.985	63	13341	0.552	ug/L #	87
48) 2-Hexanone	8.034	43	34976	3.457	ug/L #	62
53) m,p-Xylene	9.079	106	7900	0.195	ug/L	96
61) 1,2,3-Trichloropropane	11.181	75	18518	1.390	ug/L #	66

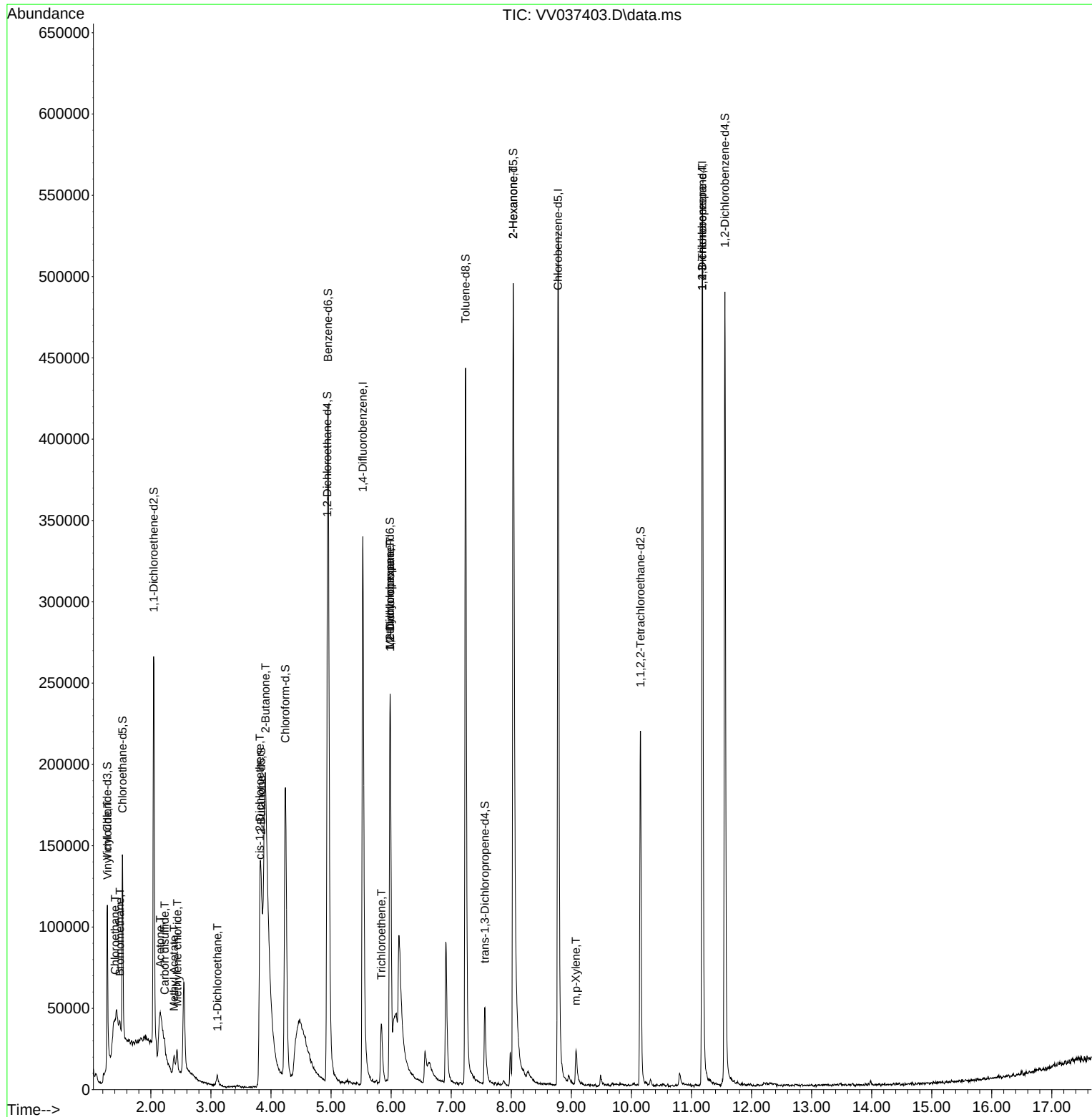
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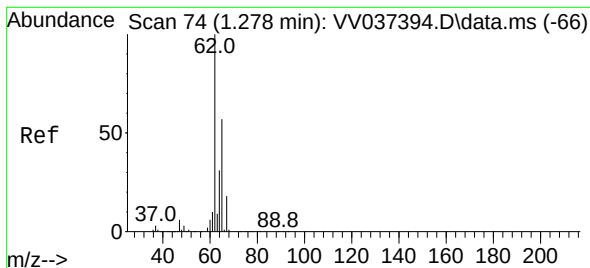
Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 03:11:07 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.203 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV037403.D

Acq: 20 Sep 2024 00:18

Instrument :

MSVOA_V

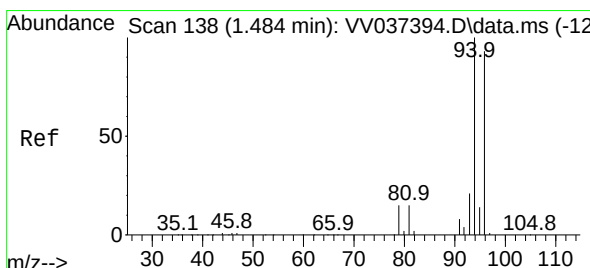
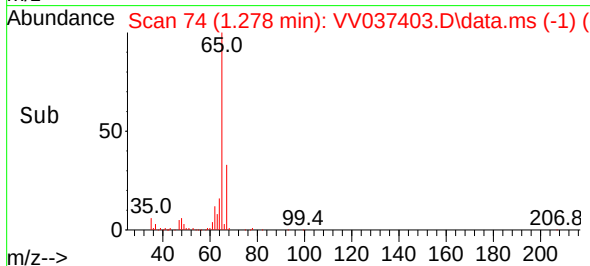
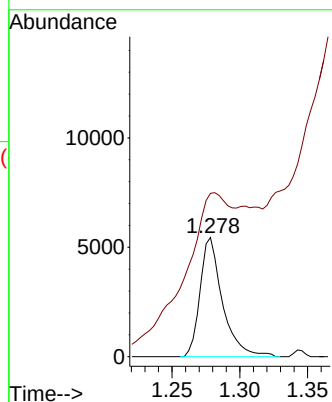
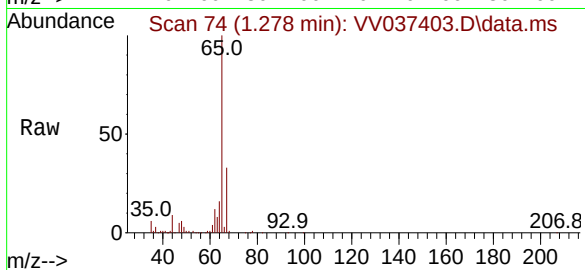
ClientSampleId :

Tgt Ion: 62 Resp: 6265

Ion Ratio Lower Upper

62 100

64 137.1 22.4 41.6#



#6

Bromomethane

Concen: 0.171 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV037403.D

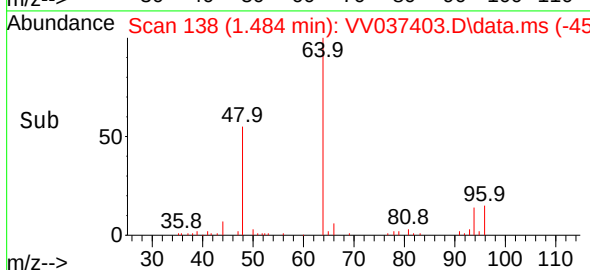
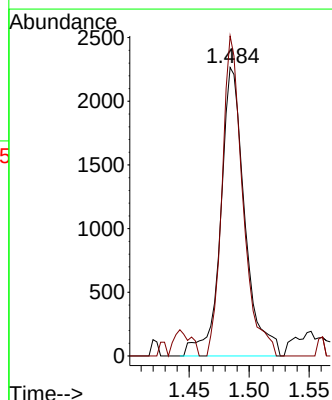
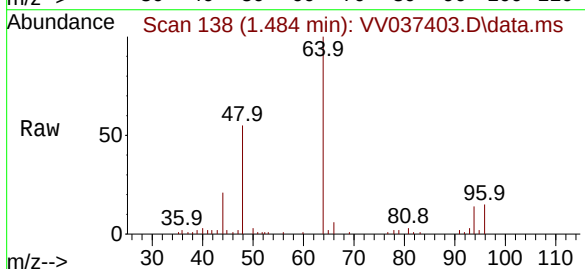
Acq: 20 Sep 2024 00:18

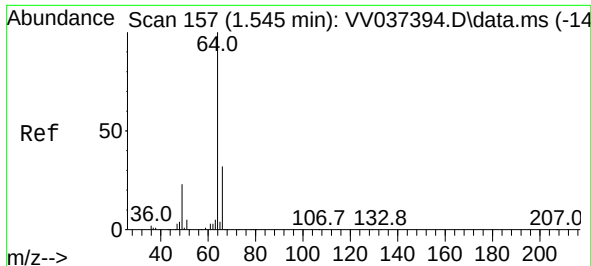
Tgt Ion: 94 Resp: 3168

Ion Ratio Lower Upper

94 100

96 110.9 65.3 121.3

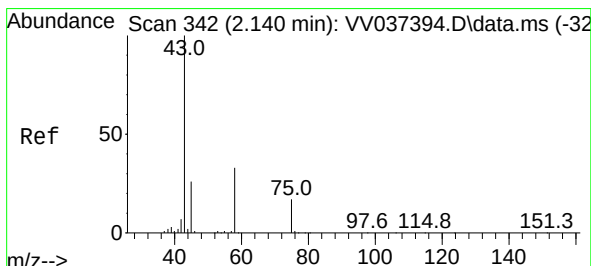
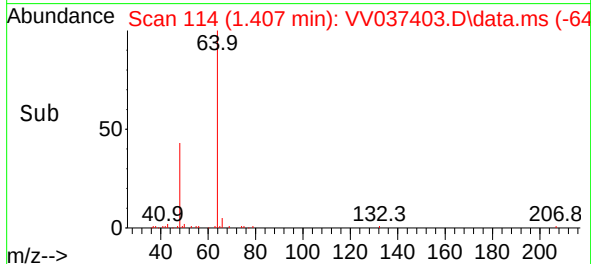
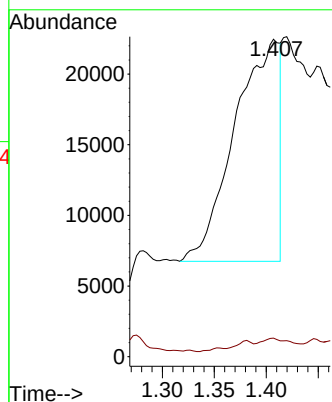
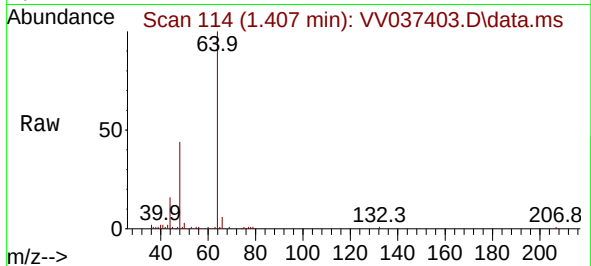




#8
Chloroethane
Concen: 2.551 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.138 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

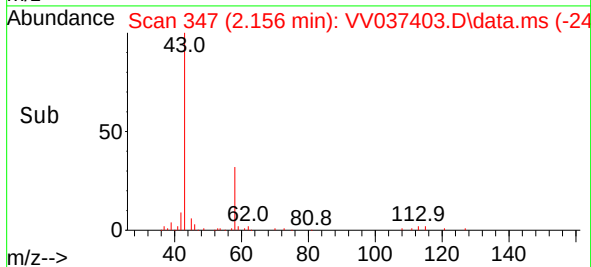
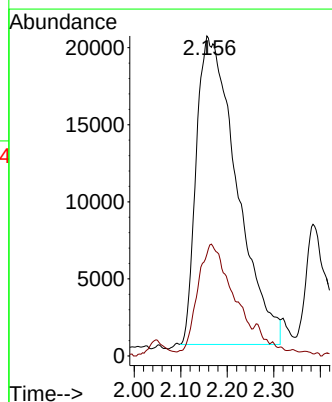
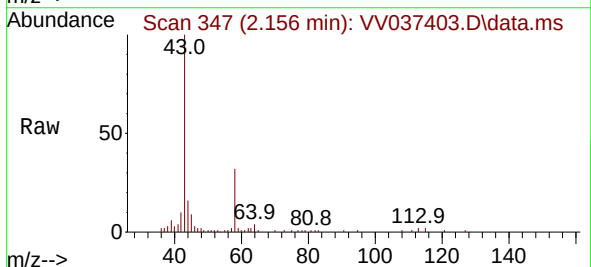
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MSVOA_V
ClientSampleId :

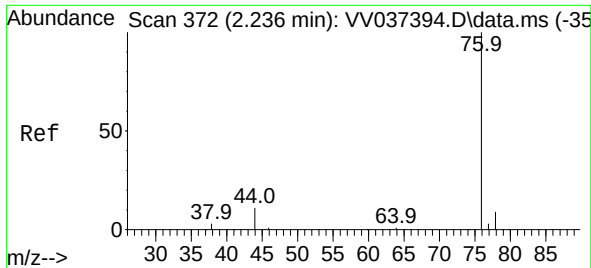
Tgt Ion: 64 Resp: 47261
Ion Ratio Lower Upper
64 100
66 5.8 22.7 42.1#



#13
Acetone
Concen: 31.152 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.016 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

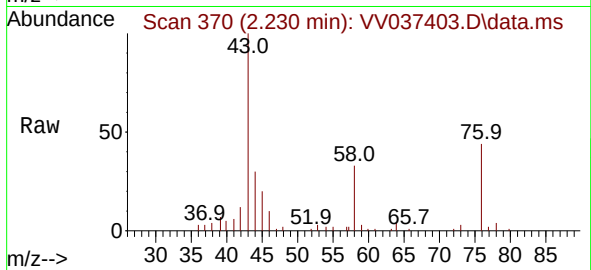
Tgt Ion: 43 Resp: 120281
Ion Ratio Lower Upper
43 100
58 29.7 0.0 69.2



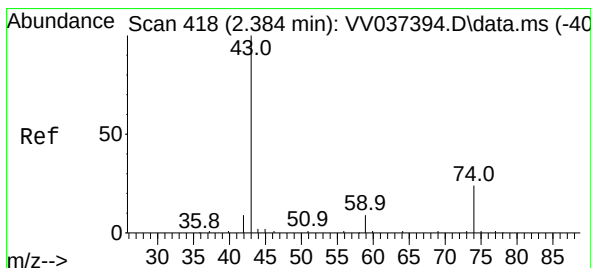
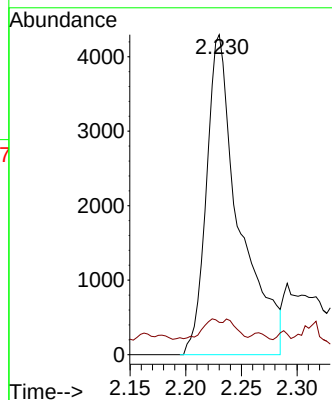
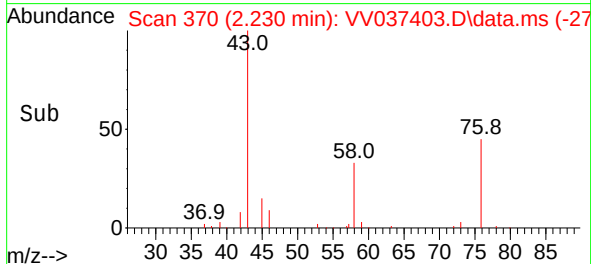


#14
Carbon disulfide
Concen: 0.125 ug/L
RT: 2.230 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

Instrument :
MSVOA_V
ClientSampleId :

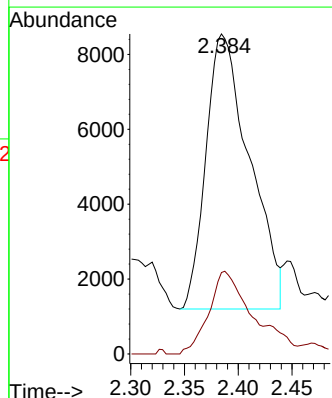
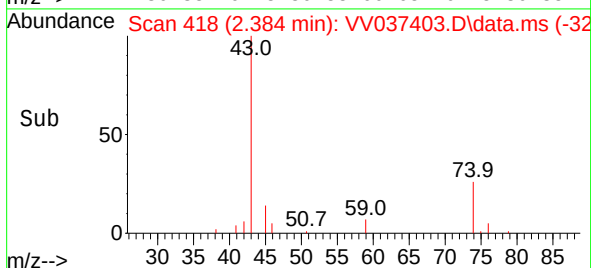
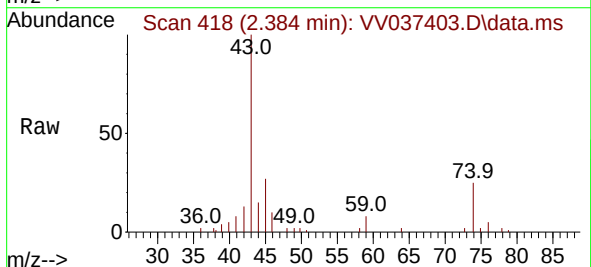


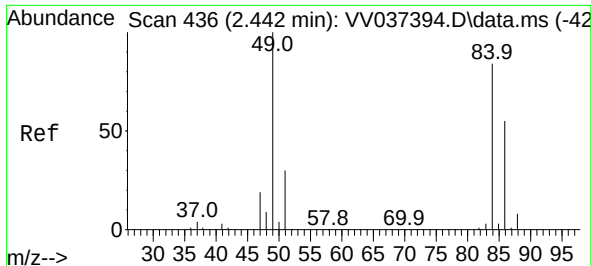
Tgt Ion: 76 Resp: 8736
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



#15
Methyl Acetate
Concen: 2.346 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

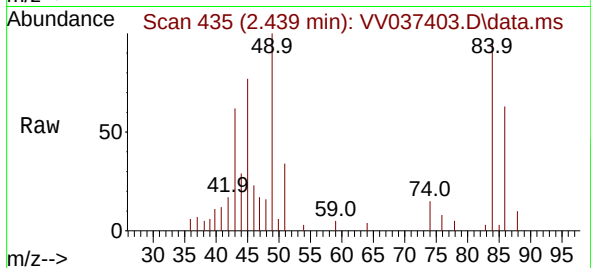
Tgt Ion: 43 Resp: 20746
Ion Ratio Lower Upper
43 100
74 30.5 21.0 31.4



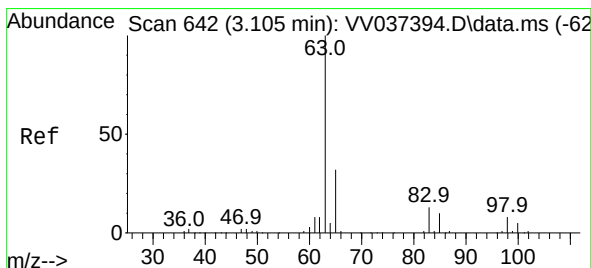
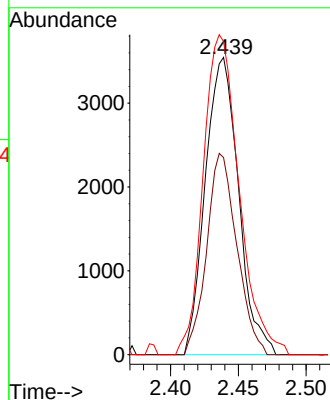
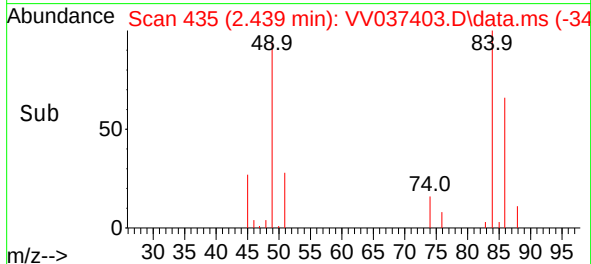


#16
Methylene chloride
Concen: 0.237 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

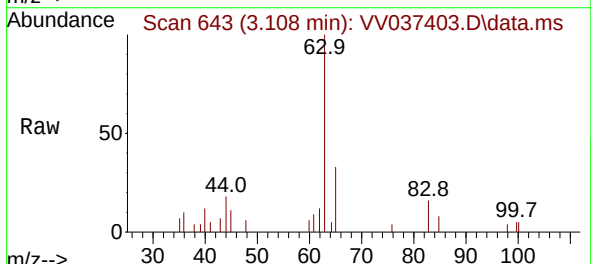
Instrument :
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ClientSampleId :



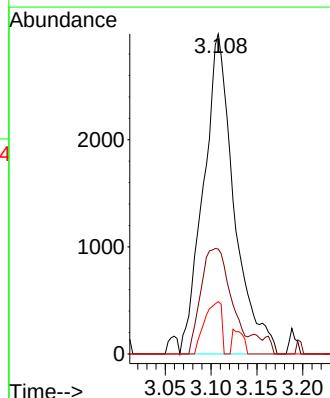
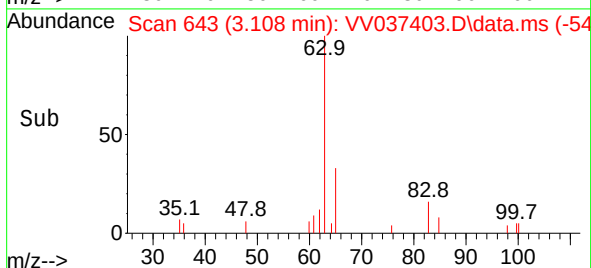
Tgt Ion: 84 Resp: 6049
Ion Ratio Lower Upper
84 100
86 66.3 44.0 81.8
49 105.4 83.0 154.1

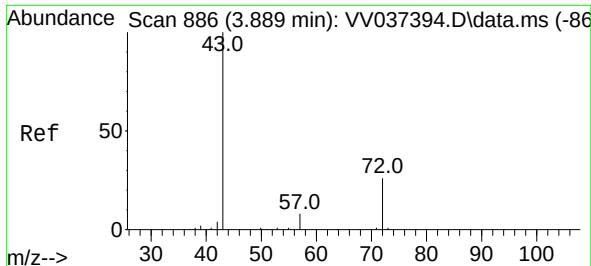


#19
1,1-Dichloroethane
Concen: 0.156 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18



Tgt Ion: 63 Resp: 6925
Ion Ratio Lower Upper
63 100
65 32.8 22.5 41.7
83 16.3 8.9 16.5

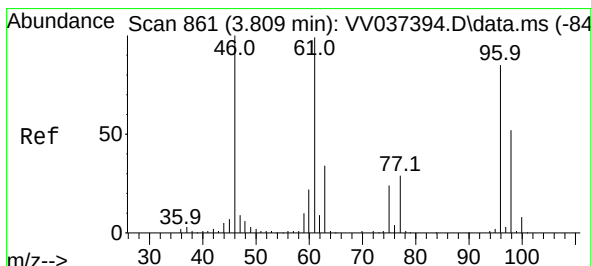
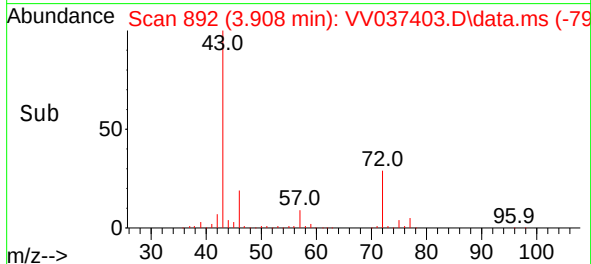
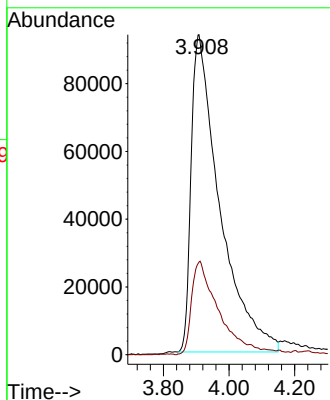
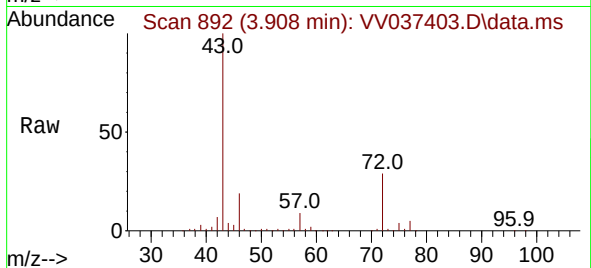




#21
2-Butanone
Concen: 96.460 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.019 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

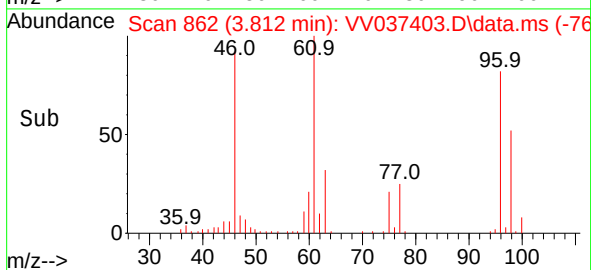
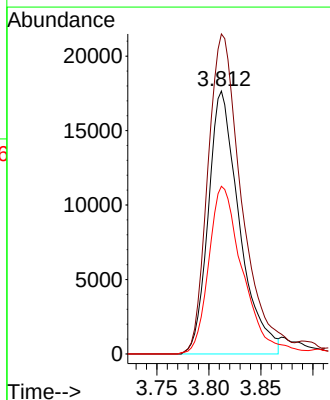
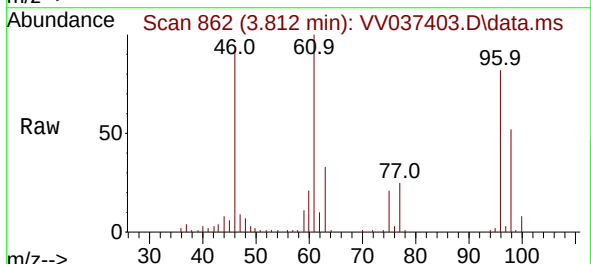
Instrument :
MSVOA_V
ClientSampleId :

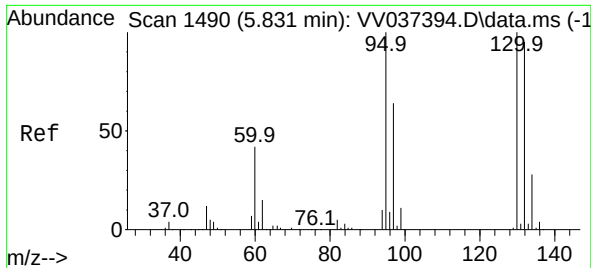
Tgt Ion: 43 Resp: 566055
Ion Ratio Lower Upper
43 100
72 26.6 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 1.456 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

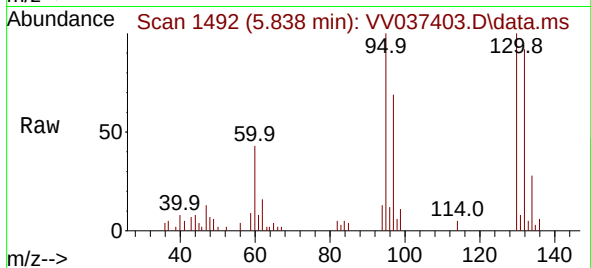
Tgt Ion: 96 Resp: 36712
Ion Ratio Lower Upper
96 100
61 121.7 87.6 162.6
98 63.8 44.9 83.5



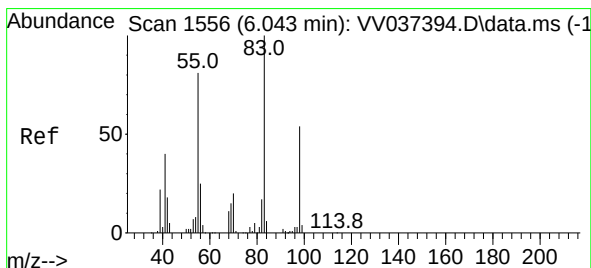
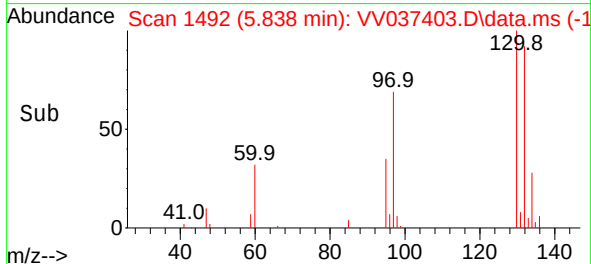
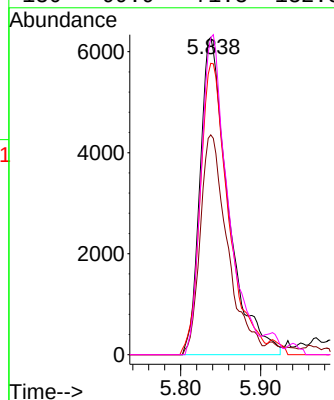


#34
Trichloroethene
Concen: 0.602 ug/L
RT: 5.838 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

Instrument :
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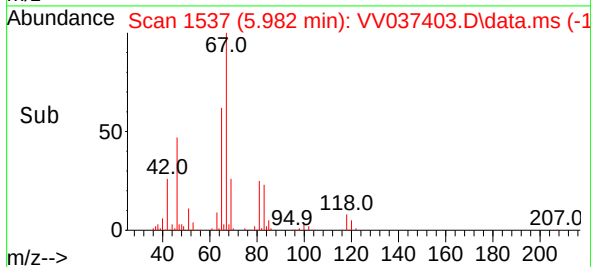
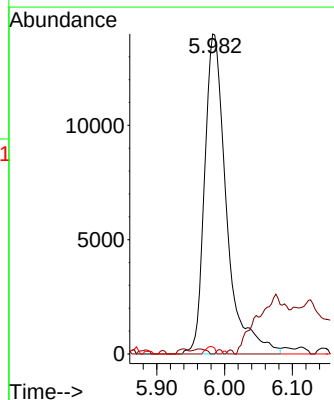
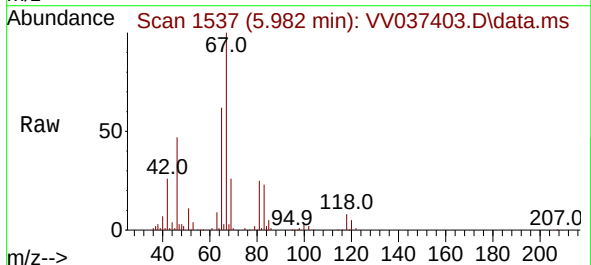


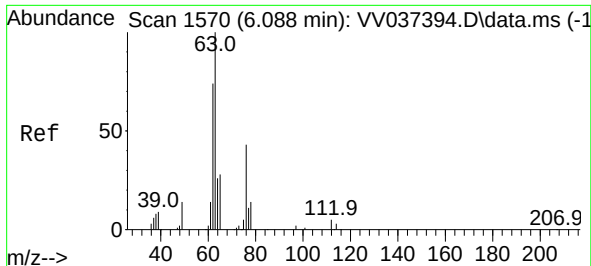
Tgt Ion:	95	Resp:	15421
Ion	Ratio	Lower	Upper
95	100		
97	69.3	46.5	86.5
132	91.8	65.5	121.7
130	99.9	71.3	132.3



#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.061 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

Tgt Ion:	83	Resp:	31361
Ion	Ratio	Lower	Upper
83	100		
55	0.9	60.3	90.5#
98	0.9	38.2	57.4#

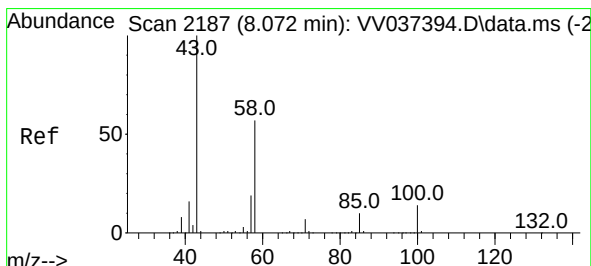
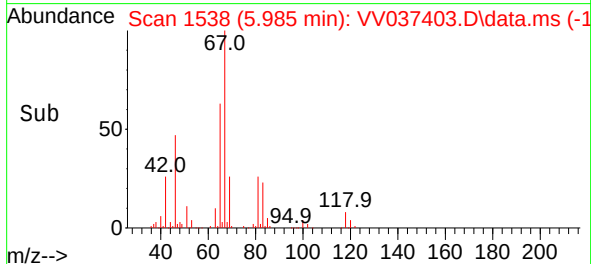
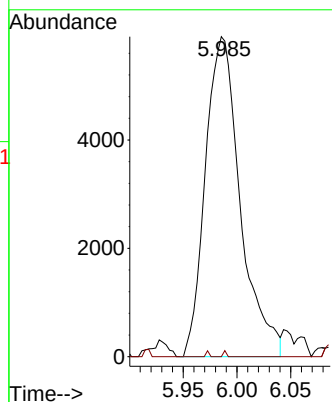
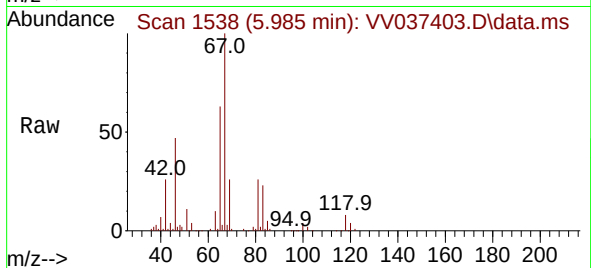




#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 5.985 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

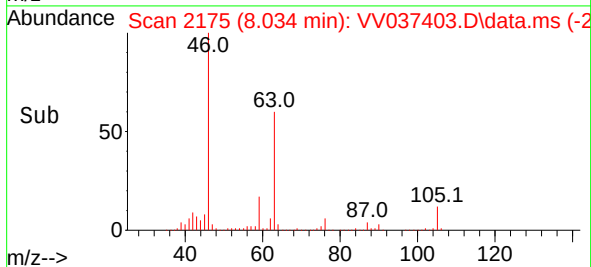
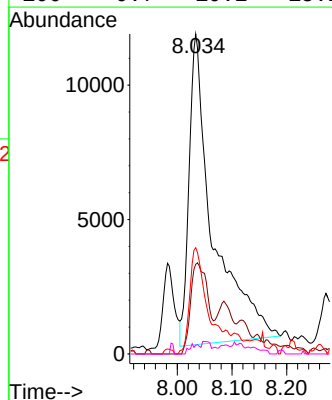
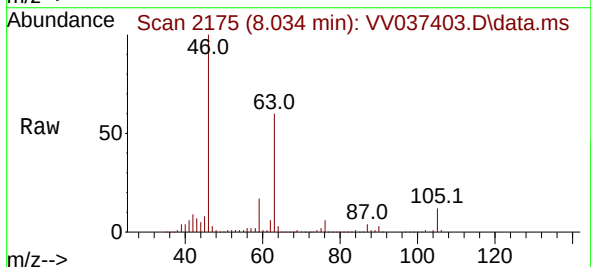
Instrument :
MSVOA_V
ClientSampleId :

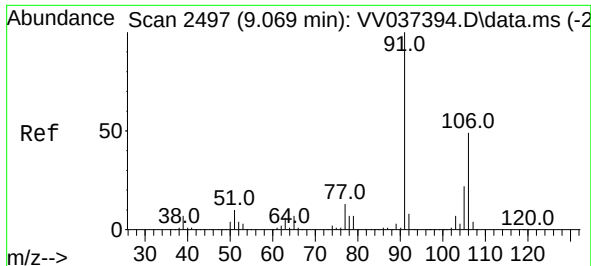
Tgt Ion: 63 Resp: 13341
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



#48
2-Hexanone
Concen: 3.457 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.039 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

Tgt Ion: 43 Resp: 34976
Ion Ratio Lower Upper
43 100
58 21.1 45.5 68.3#
57 24.8 15.3 22.9#
100 0.7 10.2 15.2#

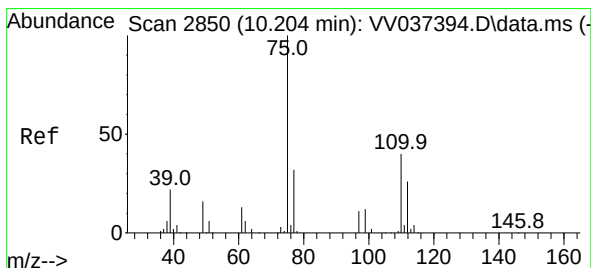
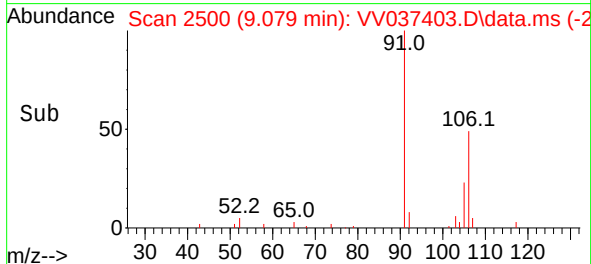
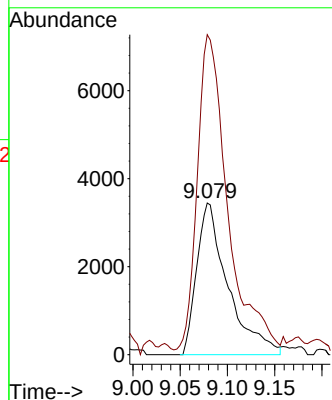
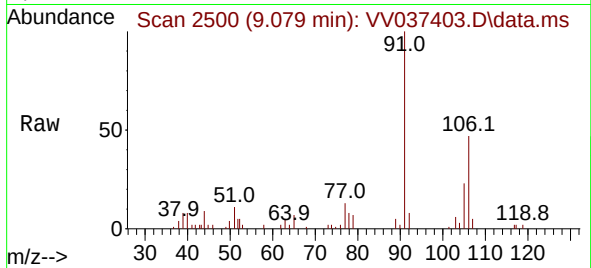




#53
m,p-Xylene
Concen: 0.195 ug/L
RT: 9.079 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 7900
Ion Ratio Lower Upper
106 100
91 211.0 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.390 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.977 min
Lab File: VV037403.D
Acq: 20 Sep 2024 00:18

Tgt Ion: 75 Resp: 18518
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
110 2.2 31.0 46.4#

