

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037393.D
 Acq On : 19 Sep 2024 19:28
 Operator : SY/MD
 Sample : P3988-09DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 02:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	282475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	282029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67743	4.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.526	69	78711	4.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.047	65	35648	4.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.809	46	290883	58.733	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.460%
24) Chloroform-d	4.239	84	203065	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	4.937	65	99396	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	4.950	84	372818	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	5.982	67	126747	5.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.239	98	305835	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.561	79	31415	4.061	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.034	63	232360	61.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.960%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	111093	5.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	127333	5.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	36315	1.320	ug/L #	72
6) Bromomethane	1.487	94	3337	0.202	ug/L	93
8) Chloroethane	1.307	64	381015	23.027	ug/L #	50
12) 1,1-Dichloroethene	2.056	96	54760	2.766	ug/L #	79
13) Acetone	2.133	43	25975	7.532	ug/L	99
14) Carbon disulfide	2.230	76	9887	0.158	ug/L	98
15) Methyl Acetate	2.381	43	66821	8.460	ug/L	95
16) Methylene chloride	2.436	84	6453	0.284	ug/L	92
19) 1,1-Dichloroethane	3.104	63	70560	1.774	ug/L	99
21) 2-Butanone	3.924	43	35534	6.780	ug/L #	68
22) cis-1,2-Dichloroethene	3.805	96	159478	7.083	ug/L	99
34) Trichloroethene	5.831	95	47590	2.078	ug/L	97
37) 1,2-Dichloropropane	5.982	63	12780	0.591	ug/L #	88
48) 2-Hexanone	8.034	43	26846	2.967	ug/L #	69
53) m,p-Xylene	9.079	106	8036	0.221	ug/L	100
61) 1,2,3-Trichloropropane	11.181	75	16475	1.382	ug/L #	65

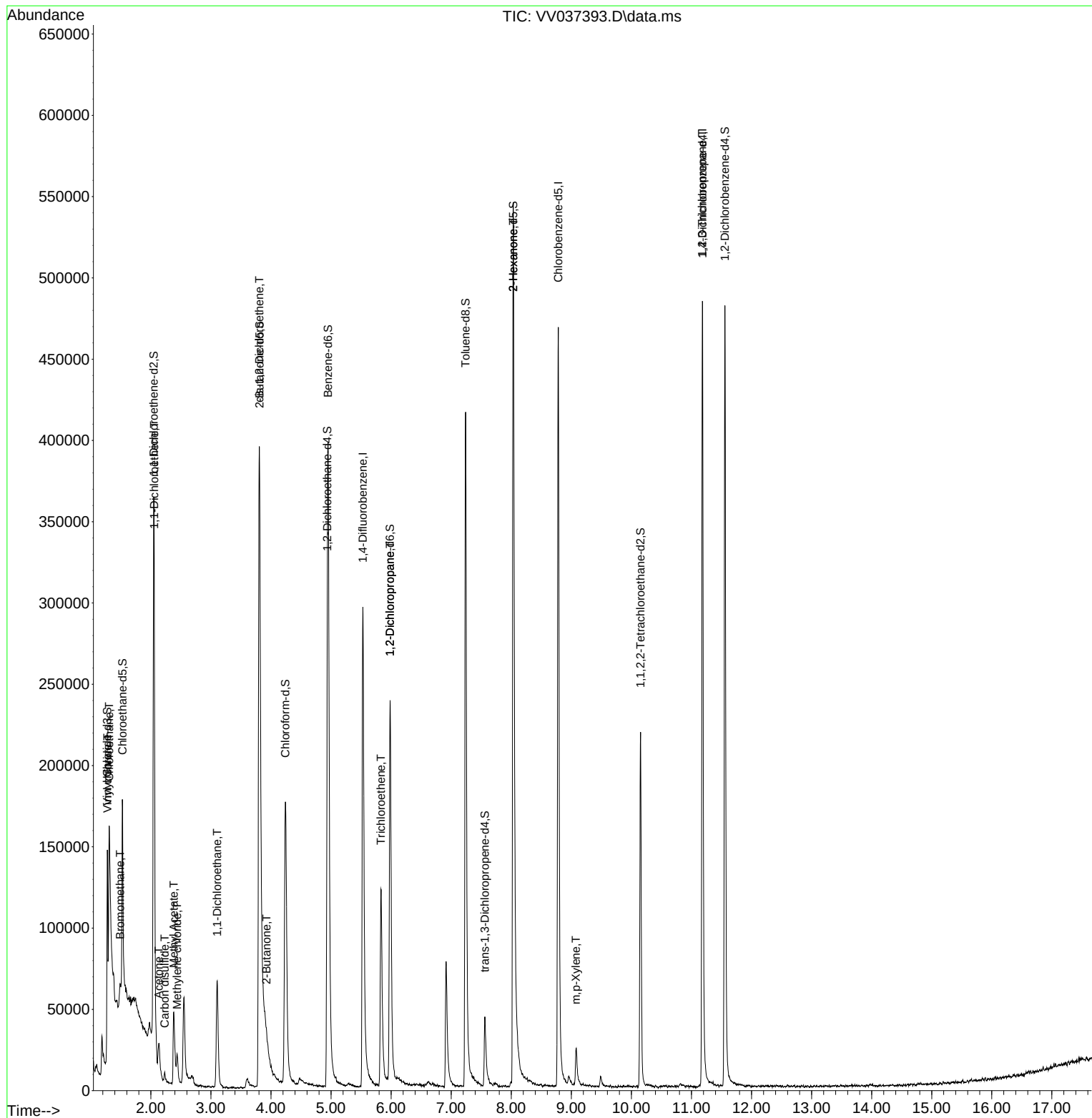
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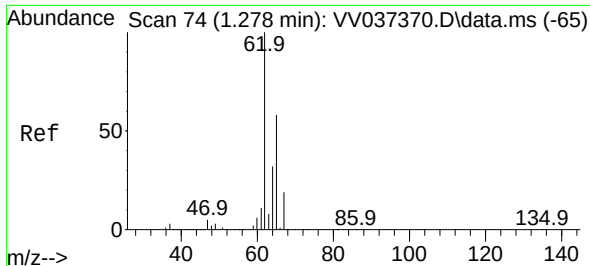
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
Data File : VV037393.D
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MSVOA_V
ClientSampleId :

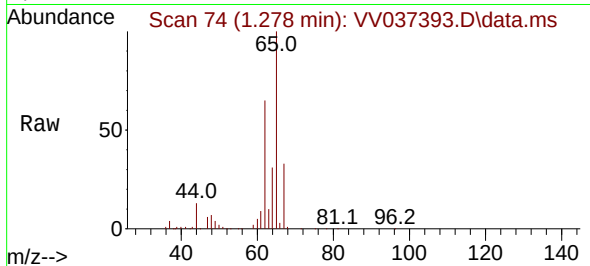
Quant Time: Sep 20 02:01:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:54:17 2024
Response via : Initial Calibration



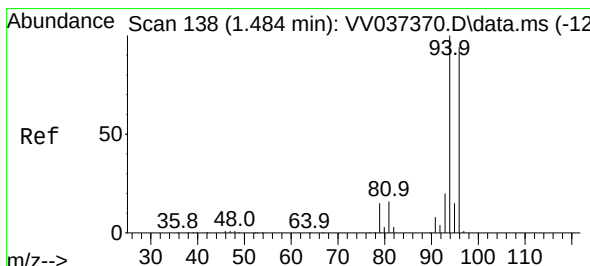
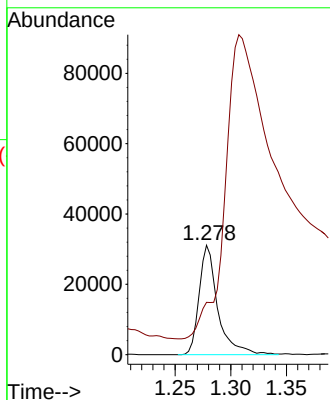
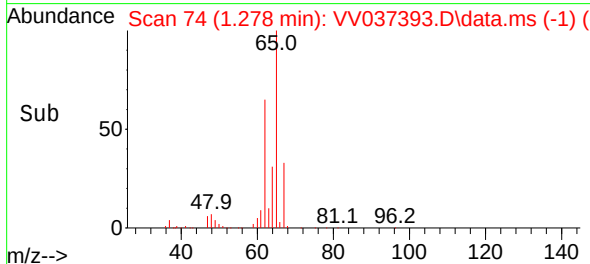


#5
 Vinyl chloride
 Concen: 1.320 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV037393.D
 Acq: 19 Sep 2024 19:28

Instrument :
 MSVOA_V
 ClientSampleId :

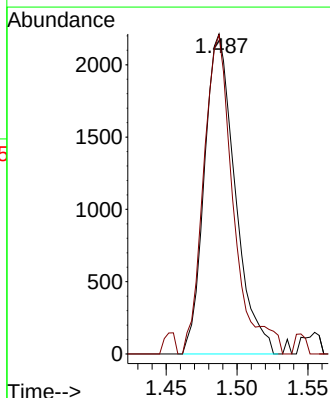
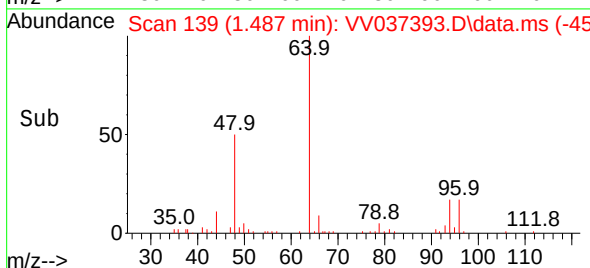
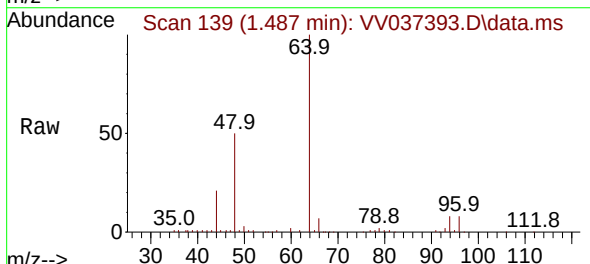


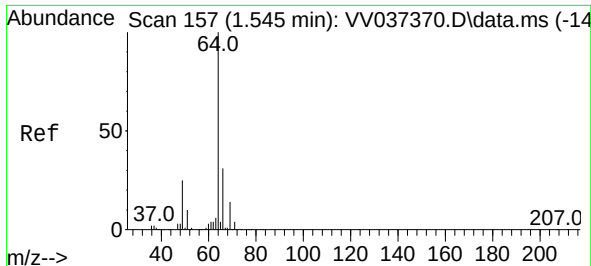
Tgt Ion: 62 Resp: 36315
 Ion Ratio Lower Upper
 62 100
 64 47.8 22.4 41.6#



#6
 Bromomethane
 Concen: 0.202 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV037393.D
 Acq: 19 Sep 2024 19:28

Tgt Ion: 94 Resp: 3337
 Ion Ratio Lower Upper
 94 100
 96 99.6 65.3 121.3

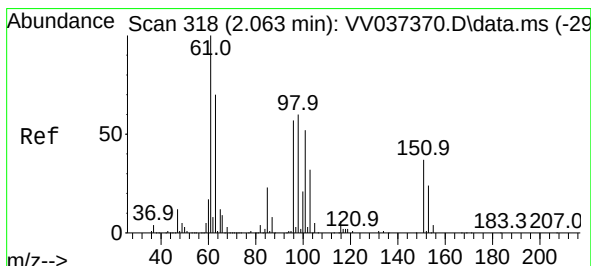
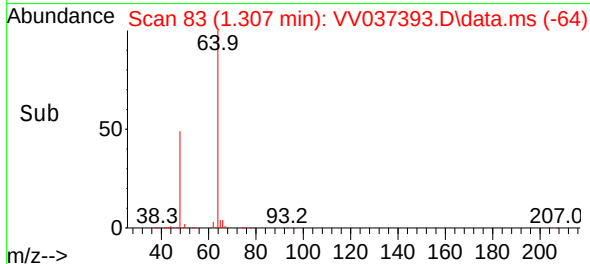
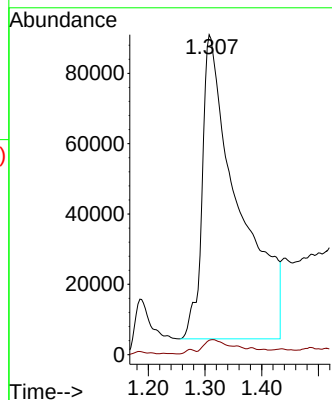
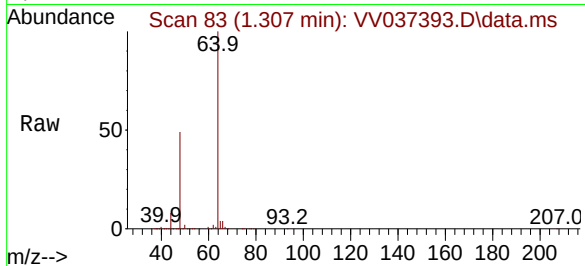




#8
Chloroethane
Concen: 23.027 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.238 min
Lab File: VV037393.D
Acq: 19 Sep 2024 19:28

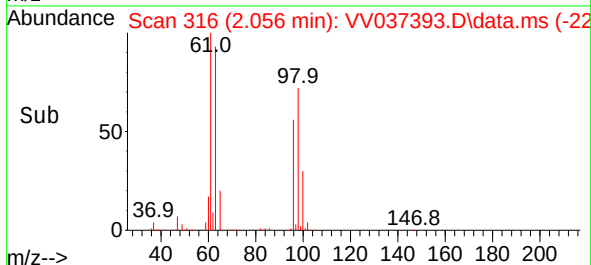
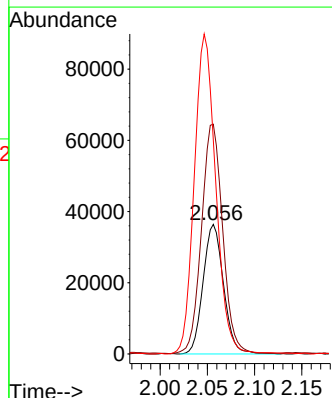
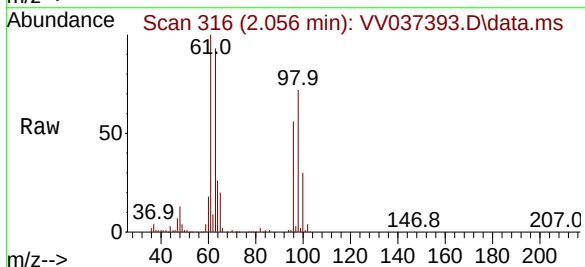
Instrument :
MSVOA_V
ClientSampleId :

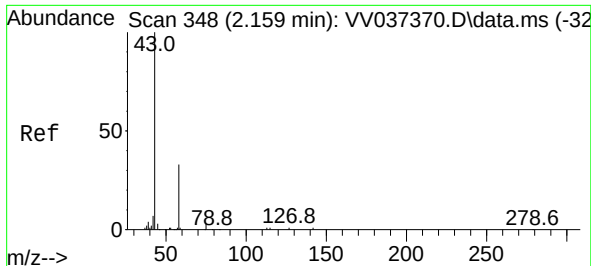
Tgt Ion: 64 Resp: 381015
Ion Ratio Lower Upper
64 100
66 4.5 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 2.766 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.007 min
Lab File: VV037393.D
Acq: 19 Sep 2024 19:28

Tgt Ion: 96 Resp: 54760
Ion Ratio Lower Upper
96 100
61 177.3 119.9 222.7
63 164.9 81.4 151.2#





#13

Acetone

Concen: 7.532 ug/L

RT: 2.133 min Scan# 34

Delta R.T. -0.026 min

Lab File: VV037393.D

Acq: 19 Sep 2024 19:28

Instrument :

MSVOA_V

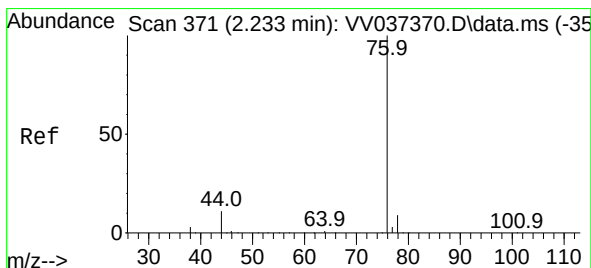
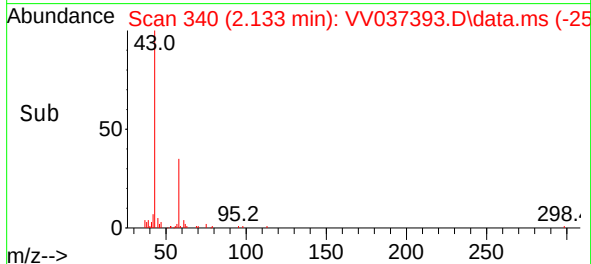
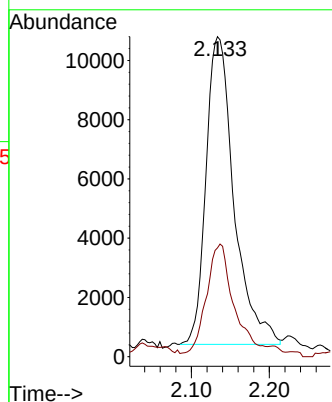
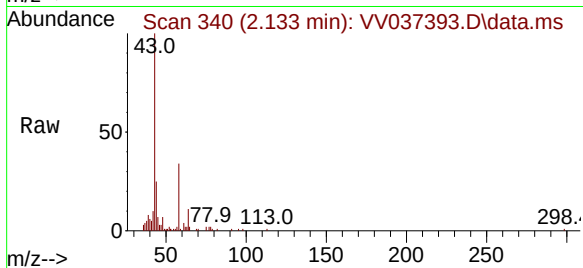
ClientSampleId :

Tgt Ion: 43 Resp: 25975

Ion Ratio Lower Upper

43 100

58 33.8 0.0 69.2



#14

Carbon disulfide

Concen: 0.158 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV037393.D

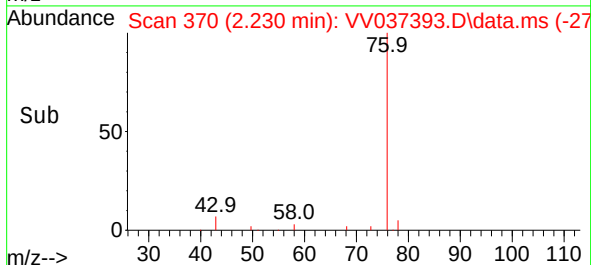
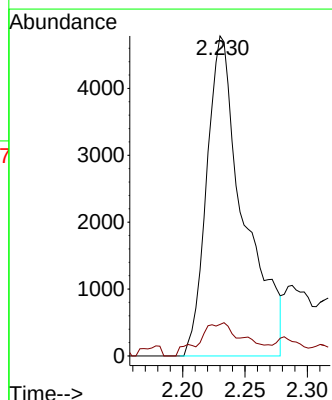
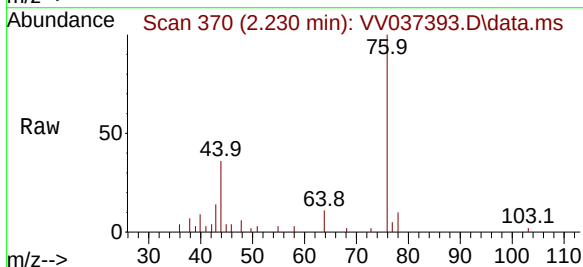
Acq: 19 Sep 2024 19:28

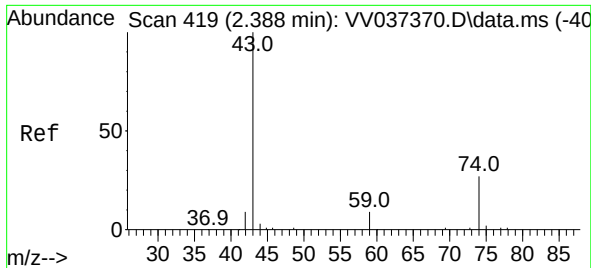
Tgt Ion: 76 Resp: 9887

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9





#15

Methyl Acetate

Concen: 8.460 ug/L

RT: 2.381 min Scan# 41

Delta R.T. -0.007 min

Lab File: VV037393.D

Acq: 19 Sep 2024 19:28

Instrument :

MSVOA_V

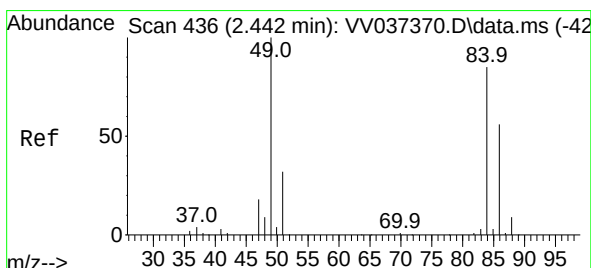
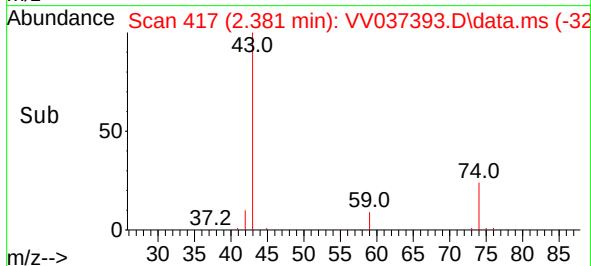
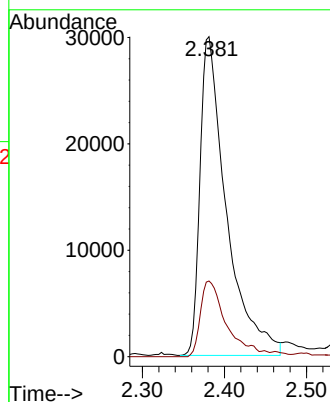
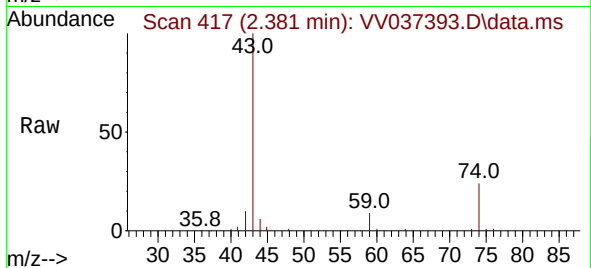
ClientSampleId :

Tgt Ion: 43 Resp: 66821

Ion Ratio Lower Upper

43 100

74 23.5 21.0 31.4



#16

Methylene chloride

Concen: 0.284 ug/L

RT: 2.436 min Scan# 434

Delta R.T. -0.007 min

Lab File: VV037393.D

Acq: 19 Sep 2024 19:28

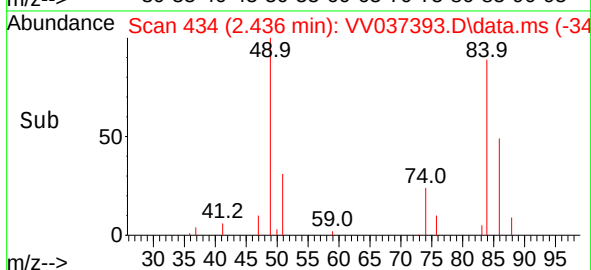
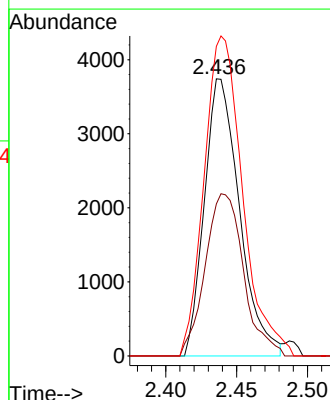
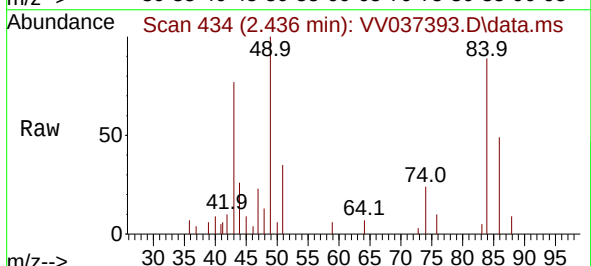
Tgt Ion: 84 Resp: 6453

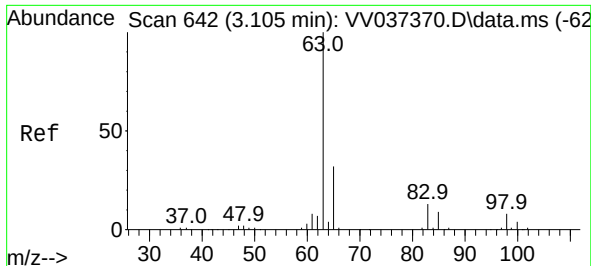
Ion Ratio Lower Upper

84 100

86 54.9 44.0 81.8

49 111.7 83.0 154.1





#19

1,1-Dichloroethane

Concen: 1.774 ug/L

RT: 3.104 min Scan# 642

Delta R.T. -0.000 min

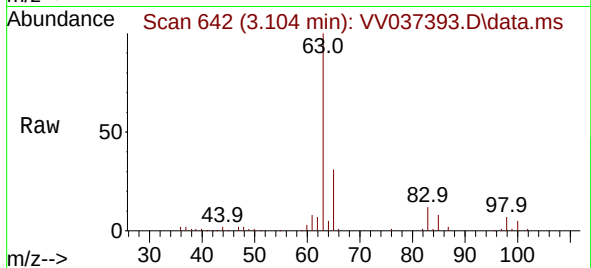
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Acq: 19 Sep 2024 19:28

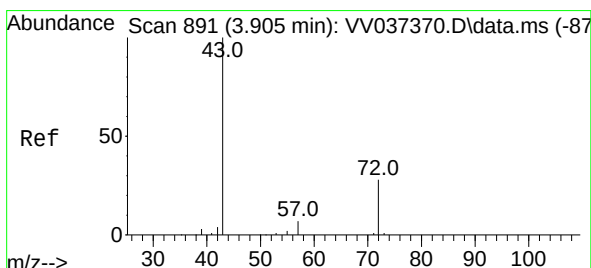
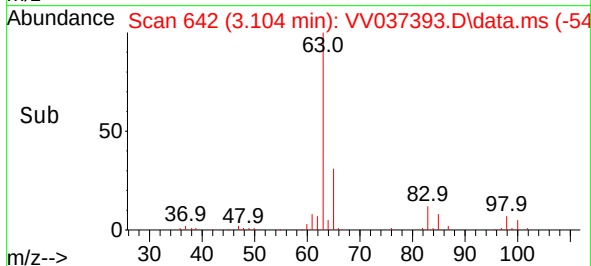
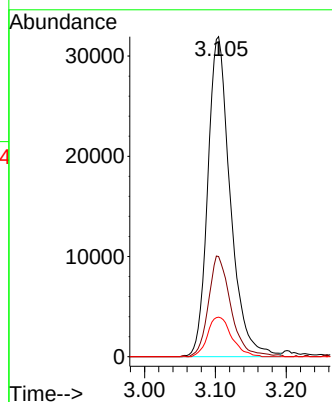
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	70560
Ion Ratio	Lower	Upper	
63	100		
65	31.3	22.5	41.7
83	12.3	8.9	16.5



#21

2-Butanone

Concen: 6.780 ug/L

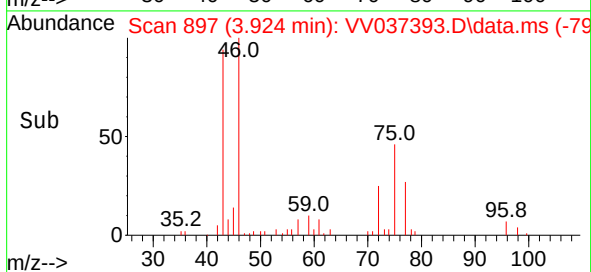
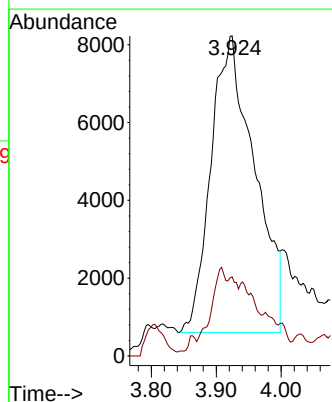
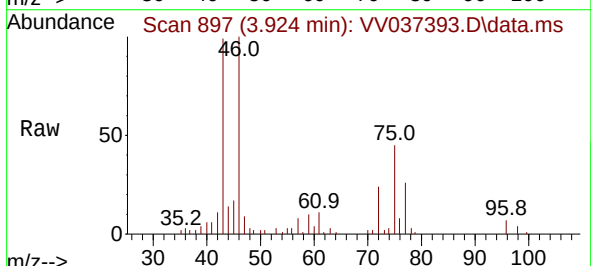
RT: 3.924 min Scan# 897

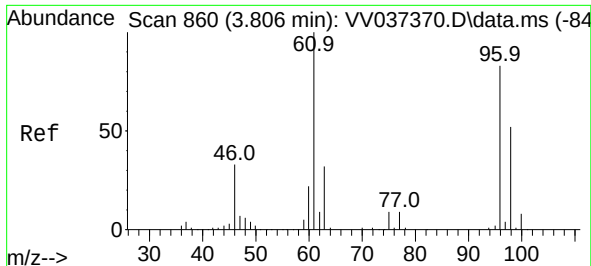
Delta R.T. 0.019 min

Lab File: VV037393.D

Acq: 19 Sep 2024 19:28

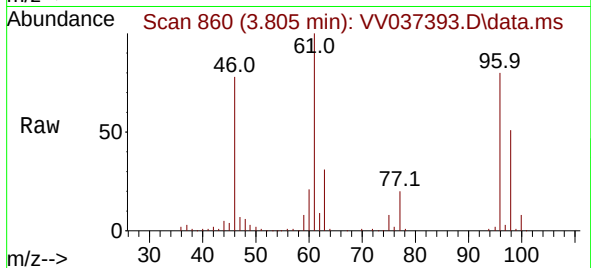
Tgt Ion:	43	Resp:	35534
Ion Ratio	Lower	Upper	
43	100		
72	8.4	12.2	36.6#





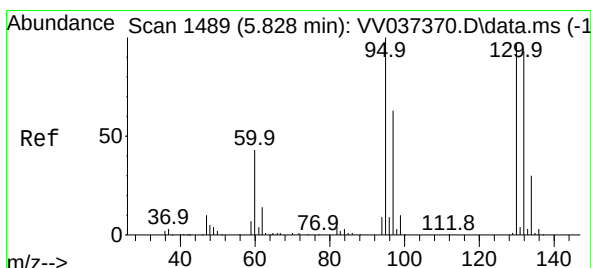
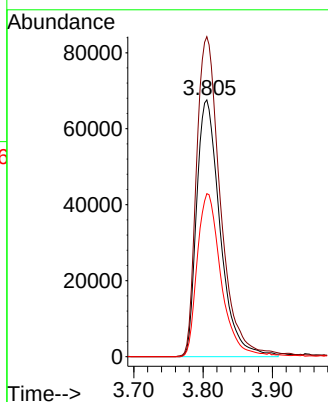
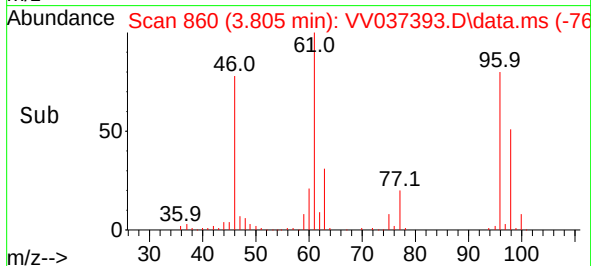
#22
 cis-1,2-Dichloroethene
 Concen: 7.083 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. -0.000 min
 Lab File: VV037393.D
 Acq: 19 Sep 2024 19:28

Instrument :
 MSVOA_V
 ClientSampleId :

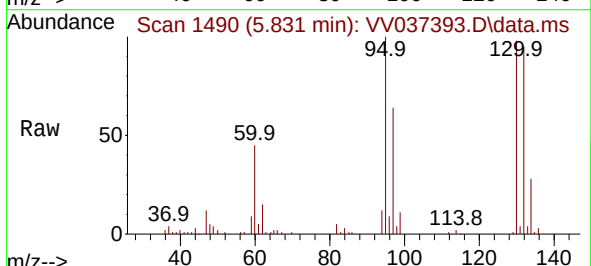


Tgt Ion: 96 Resp: 159478

Ion	Ratio	Lower	Upper
96	100		
61	124.6	87.6	162.6
98	63.5	44.9	83.5

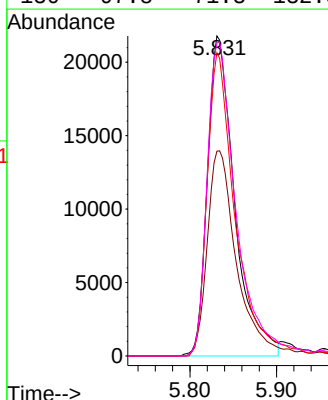
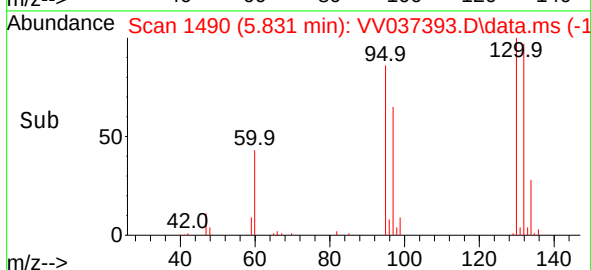


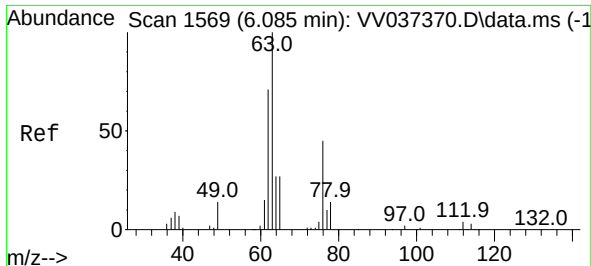
#34
 Trichloroethene
 Concen: 2.078 ug/L
 RT: 5.831 min Scan# 1490
 Delta R.T. 0.003 min
 Lab File: VV037393.D
 Acq: 19 Sep 2024 19:28



Tgt Ion: 95 Resp: 47590

Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.5	86.5
132	94.8	65.5	121.7
130	97.8	71.3	132.3

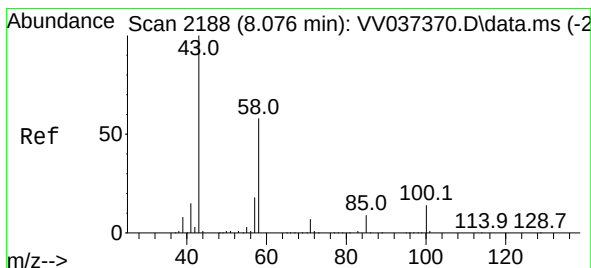
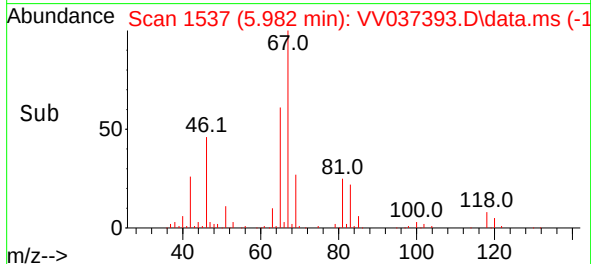
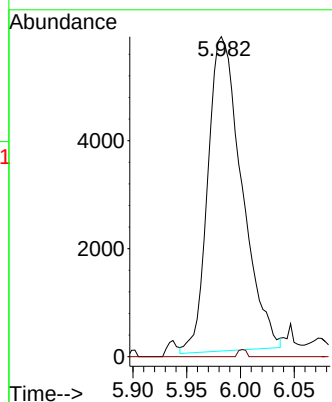
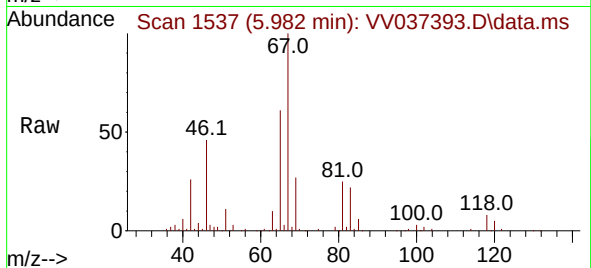




#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV037393.D
Acq: 19 Sep 2024 19:28

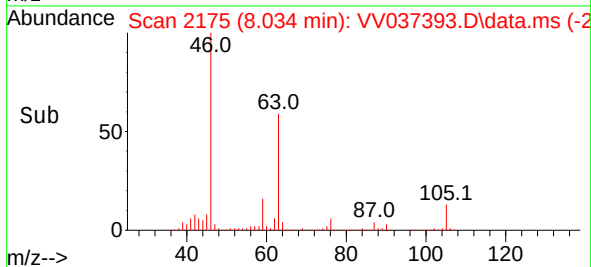
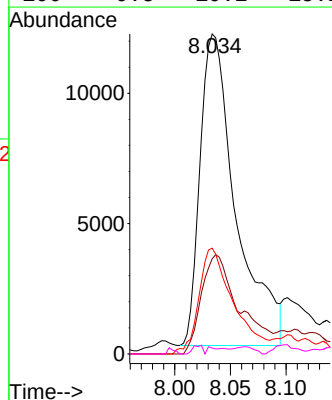
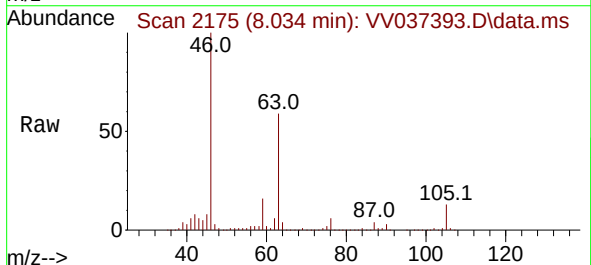
Instrument :
MSVOA_V
ClientSampleId :

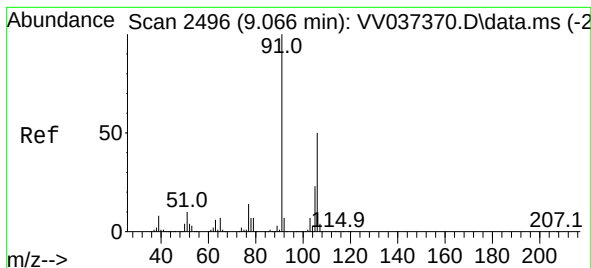
Tgt Ion: 63 Resp: 12780
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



#48
2-Hexanone
Concen: 2.967 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.042 min
Lab File: VV037393.D
Acq: 19 Sep 2024 19:28

Tgt Ion: 43 Resp: 26846
Ion Ratio Lower Upper
43 100
58 34.1 45.5 68.3#
57 32.8 15.3 22.9#
100 0.5 10.2 15.2#





#53

m,p-Xylene

Concen: 0.221 ug/L

RT: 9.079 min Scan# 2496

Delta R.T. 0.013 min

Lab File: VV037393.D

Acq: 19 Sep 2024 19:28

Instrument :

MSVOA_V

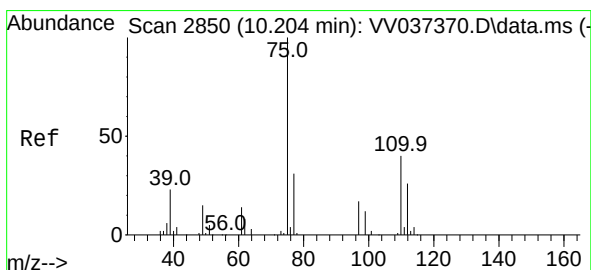
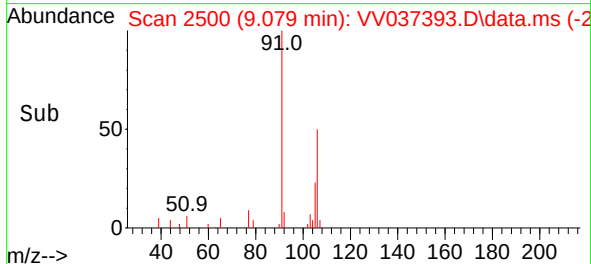
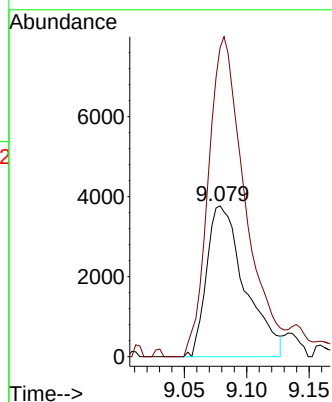
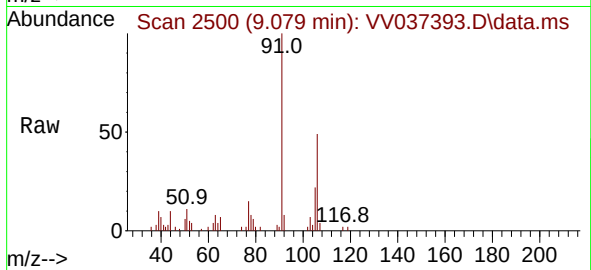
ClientSampleId :

Tgt Ion:106 Resp: 8036

Ion Ratio Lower Upper

106 100

91 204.8 143.3 266.1



#61

1,2,3-Trichloropropane

Concen: 1.382 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037393.D

Acq: 19 Sep 2024 19:28

Tgt Ion: 75 Resp: 16475

Ion Ratio Lower Upper

75 100

77 35.1 25.6 38.4

110 2.7 31.0 46.4#

