

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036193.D
 Acq On : 21 Jun 2024 03:54
 Operator : SY/MD
 Sample : VIBLK
 Misc : 3.33g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:17:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.580	114	657	25.000	ug/L	# 0.05
28) Chlorobenzene-d5	8.809	117	3434	25.000	ug/L	# 0.03
58) 1,4-Dichlorobenzene-d4	11.194	152	3108	25.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.462	65	85	7.037	ug/L	0.19
Spiked Amount	25.000	Range	30 - 150	Recovery	=	28.160%#
7) Chloroethane-d5	1.523	69	267	27.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.880%
11) 1,1-Dichloroethene-d2	2.056	65	163	30.313	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	121.240%#
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
24) Chloroform-d	4.269	84	63	3.016	ug/L	0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	=	12.080%#
26) 1,2-Dichloroethane-d4	4.998	65	66	6.027	ug/L	0.06
Spiked Amount	25.000	Range	70 - 130	Recovery	=	24.120%#
32) Benzene-d6	4.989	84	878	4.301	ug/L	0.04
Spiked Amount	25.000	Range	20 - 135	Recovery	=	17.200%#
36) 1,2-Dichloropropane-d6	6.031	67	41	0.638	ug/L	0.05
Spiked Amount	25.000	Range	70 - 120	Recovery	=	2.560%#
41) Toluene-d8	7.281	98	987	5.480	ug/L	0.04
Spiked Amount	25.000	Range	30 - 130	Recovery	=	21.920%#
43) trans-1,3-Dichloroprop...	7.638	79	43	1.631	ug/L	0.09
Spiked Amount	25.000	Range	30 - 135	Recovery	=	6.520%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	294	6.121	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	24.480%#
66) 1,2-Dichlorobenzene-d4	11.570	152	2066	18.127	ug/L	0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.520%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	104	8.779	ug/L	# 42
3) Chloromethane	1.211	50	1067	78.484	ug/L	97
5) Vinyl chloride	1.417	62	67	4.681	ug/L	# 42
6) Bromomethane	1.481	94	494	55.637	ug/L	72
8) Chloroethane	1.558	64	74	8.318	ug/L	# 43
12) 1,1-Dichloroethene	1.902	96	110	10.455	ug/L	# 1
13) Acetone	2.169	43	243	56.290	ug/L	93
14) Carbon disulfide	2.240	76	282	7.719	ug/L	# 74
15) Methyl Acetate	2.378	43	41	7.641	ug/L	# 48
16) Methylene chloride	2.442	84	27831	1872.052	ug/L	92
22) 2-Butanone	3.815	43	42	11.466	ug/L	# 62
25) Chloroform	4.291	83	373	17.037	ug/L	87
40) 4-Methyl-2-pentanone	7.075	43	247	7.709	ug/L	# 1
48) 2-Hexanone	8.307	43	67	2.675	ug/L	# 37
61) 1,2,3-Trichloropropane	10.709	75	167	2.272	ug/L	# 1
71) Naphthalene	13.461	128	688	3.418	ug/L	# 69

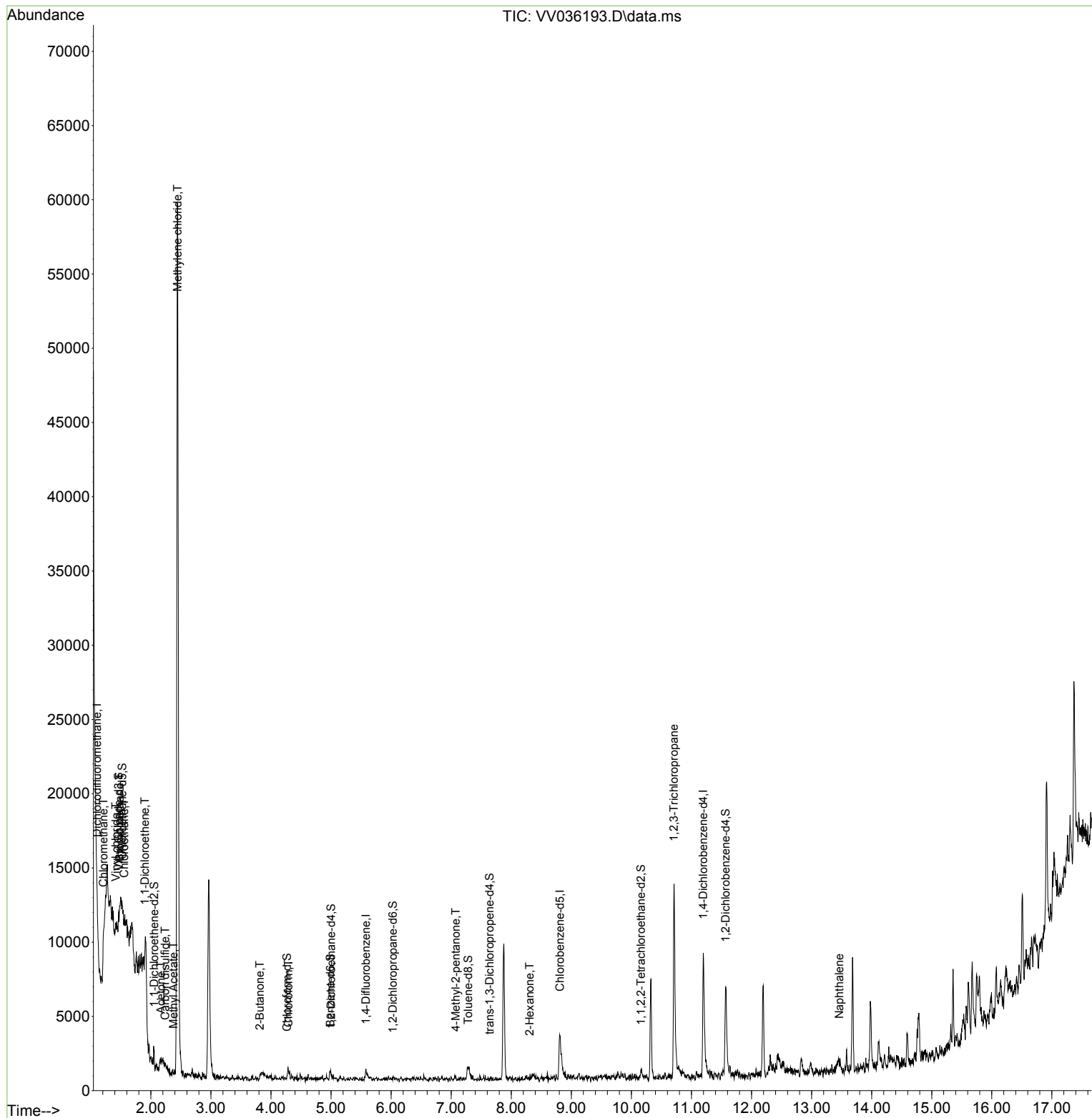
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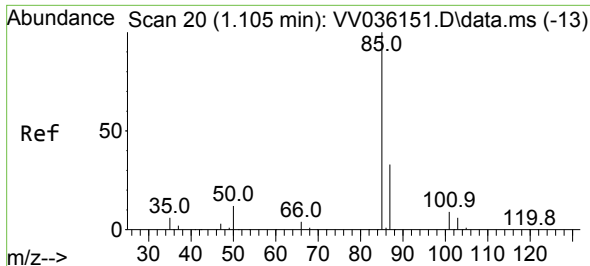
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
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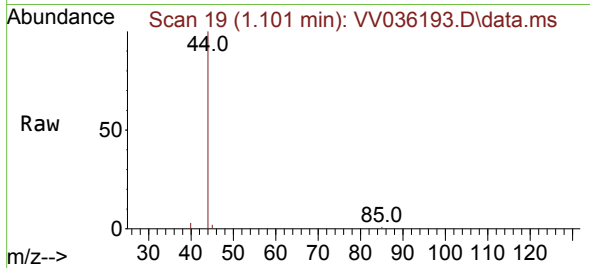
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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration



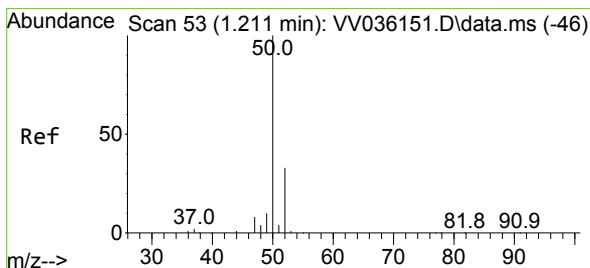
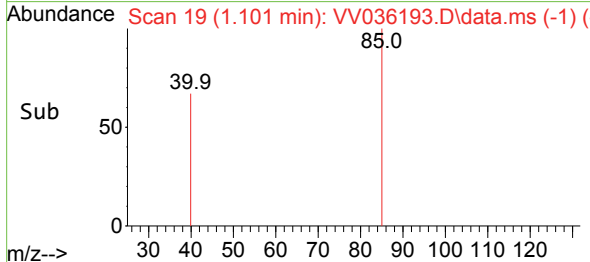
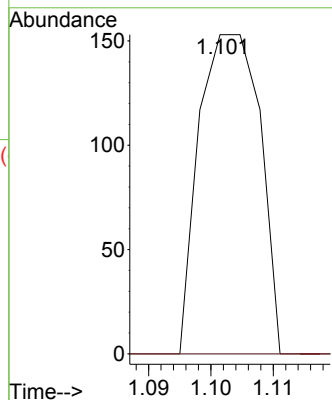


#2
 Dichlorodifluoromethane
 Concen: 8.779 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036193.D
 Acq: 21 Jun 2024 03:54

Instrument :
 MSVOA_V
 ClientSampleId :

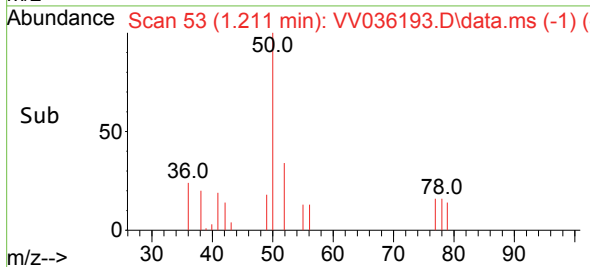
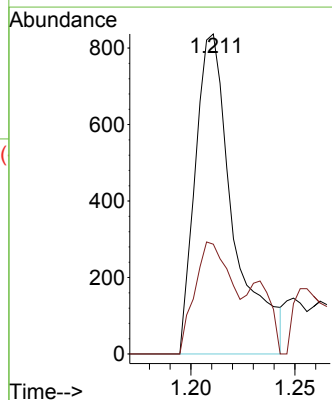
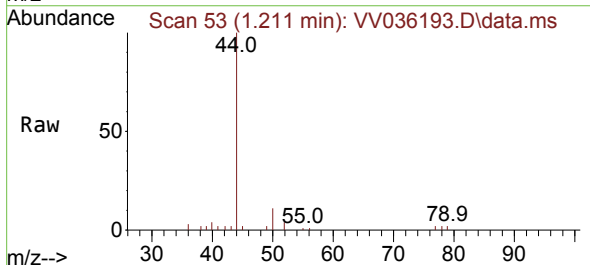


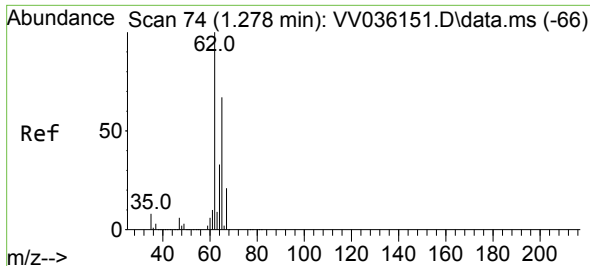
Tgt Ion: 85 Resp: 104
 Ion Ratio Lower Upper
 85 100
 87 0.0 25.9 38.9#



#3
 Chloromethane
 Concen: 78.484 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036193.D
 Acq: 21 Jun 2024 03:54

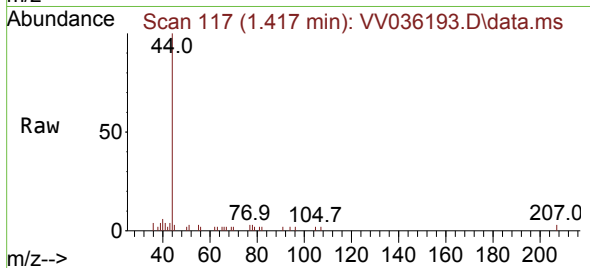
Tgt Ion: 50 Resp: 1067
 Ion Ratio Lower Upper
 50 100
 52 34.3 22.8 42.4



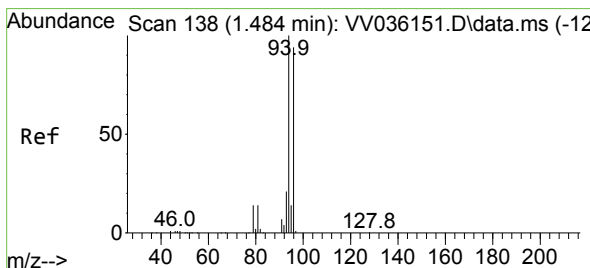
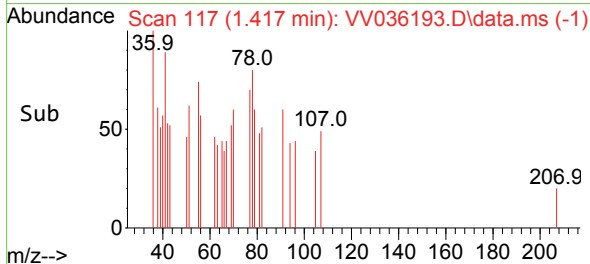
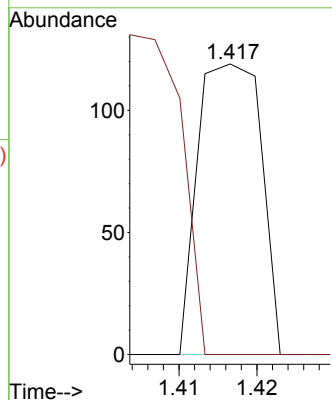


#5
 Vinyl chloride
 Concen: 4.681 ug/L
 RT: 1.417 min Scan# 117
 Delta R.T. 0.138 min
 Lab File: VV036193.D
 Acq: 21 Jun 2024 03:54

Instrument :
 MSVOA_V
 ClientSampleId :

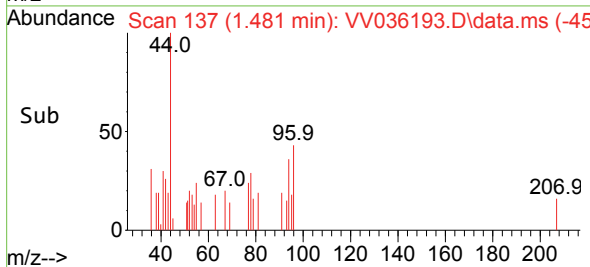
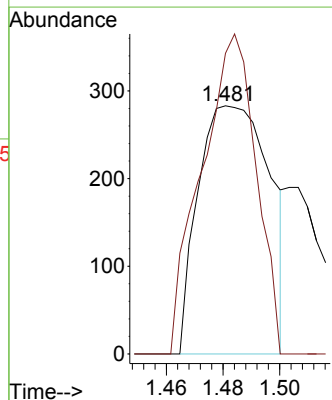
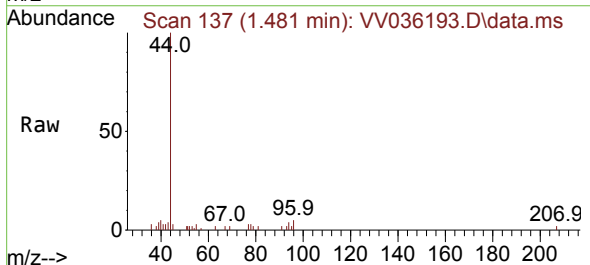


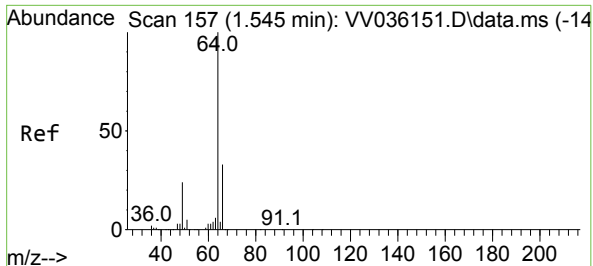
Tgt Ion: 62 Resp: 67
 Ion Ratio Lower Upper
 62 100
 64 0.0 22.9 42.5#



#6
 Bromomethane
 Concen: 55.637 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036193.D
 Acq: 21 Jun 2024 03:54

Tgt Ion: 94 Resp: 494
 Ion Ratio Lower Upper
 94 100
 96 121.2 65.7 122.1

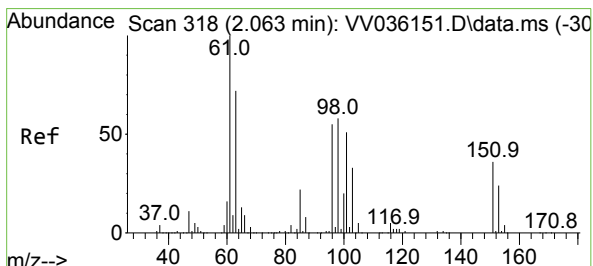
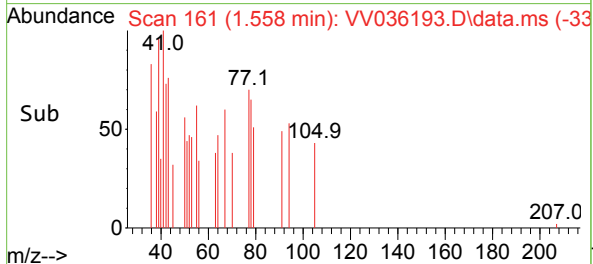
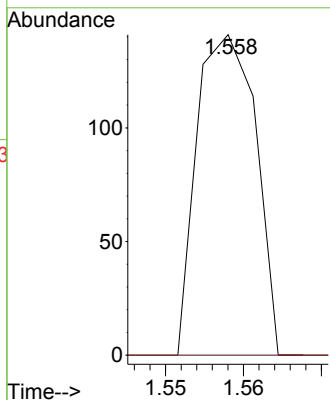
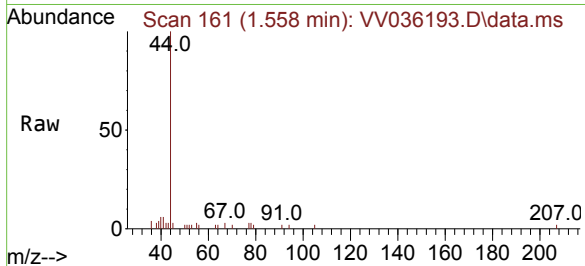




#8
Chloroethane
Concen: 8.318 ug/L
RT: 1.558 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV036193.D
Acq: 21 Jun 2024 03:54

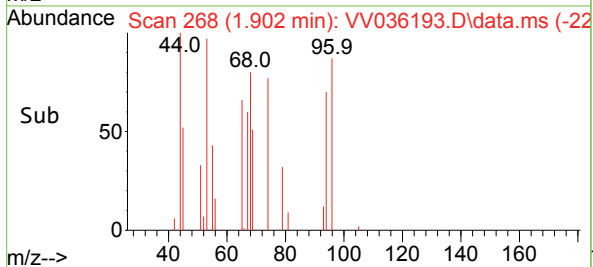
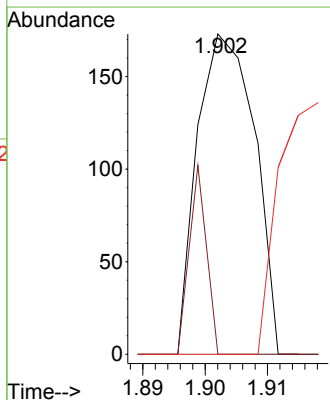
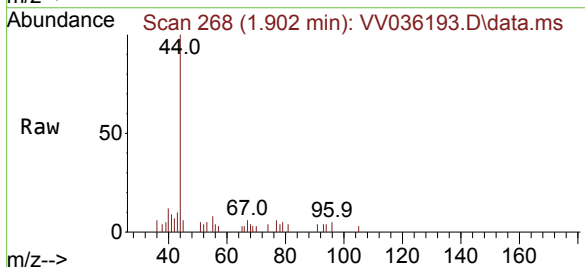
Instrument :
MSVOA_V
ClientSampleId :

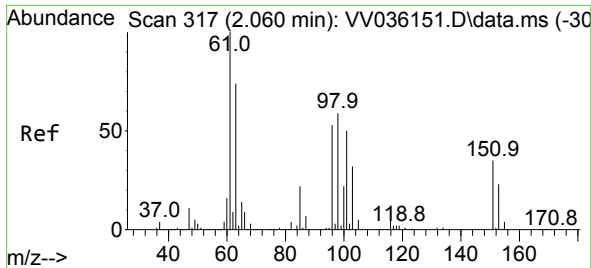
Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 0.0 22.0 41.0#



#12
1,1-Dichloroethene
Concen: 10.455 ug/L
RT: 1.902 min Scan# 268
Delta R.T. -0.158 min
Lab File: VV036193.D
Acq: 21 Jun 2024 03:54

Tgt Ion: 96 Resp: 110
Ion Ratio Lower Upper
96 100
61 0.0 127.3 236.3#
63 0.0 93.7 173.9#





#13

Acetone

Concen: 56.290 ug/L

RT: 2.169 min Scan# 317

Delta R.T. 0.023 min

Lab File: VV036193.D

Acq: 21 Jun 2024 03:54

Instrument :

MSVOA_V

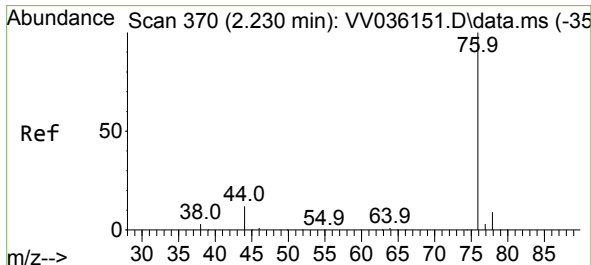
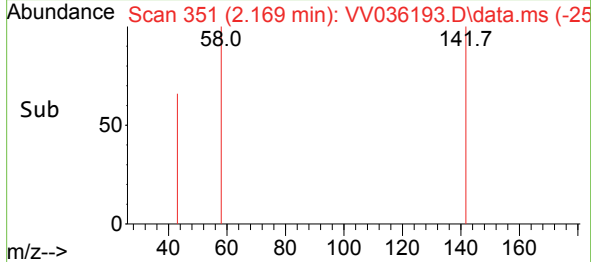
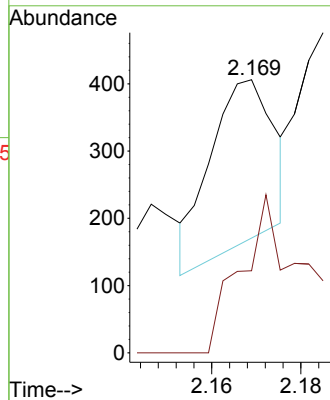
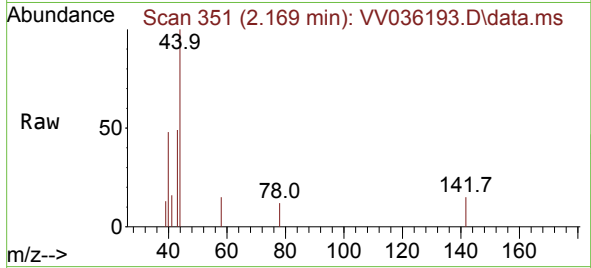
ClientSampleId :

Tgt Ion: 43 Resp: 243

Ion Ratio Lower Upper

43 100

58 9.5 0.0 24.2



#14

Carbon disulfide

Concen: 7.719 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.010 min

Lab File: VV036193.D

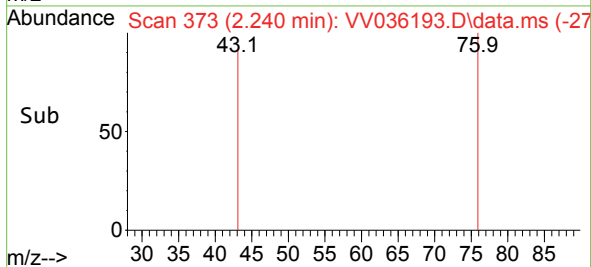
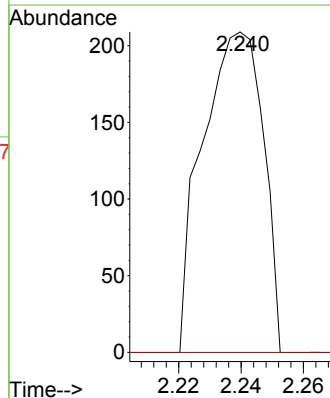
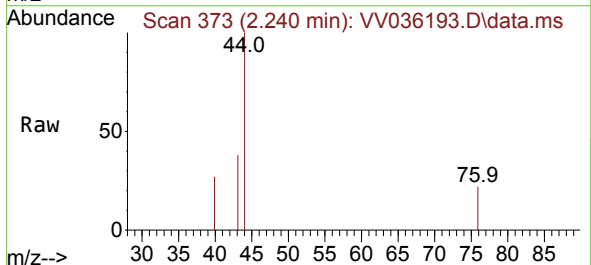
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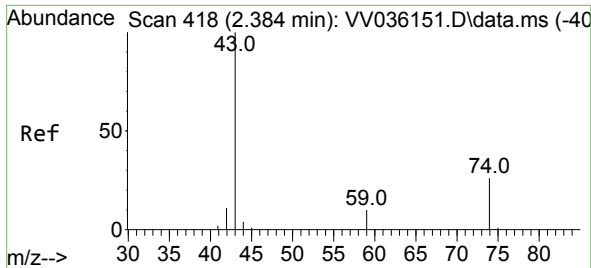
Tgt Ion: 76 Resp: 282

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

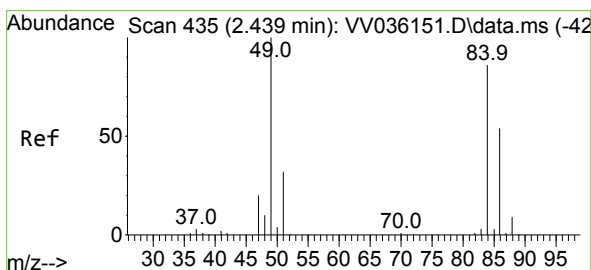
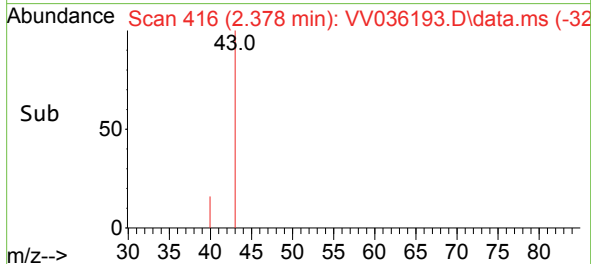
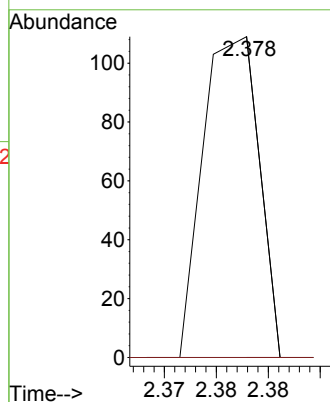
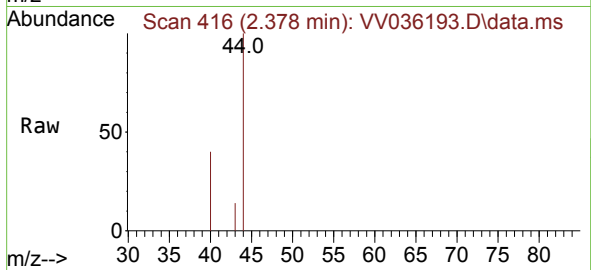




#15
Methyl Acetate
Concen: 7.641 ug/L
RT: 2.378 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV036193.D
Acq: 21 Jun 2024 03:54

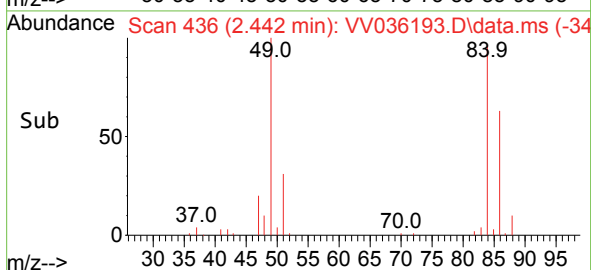
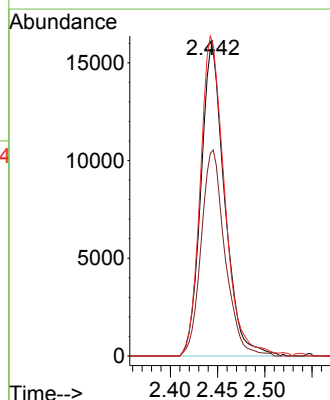
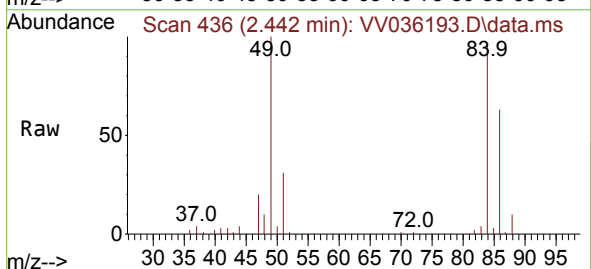
Instrument :
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ClientSampleId :

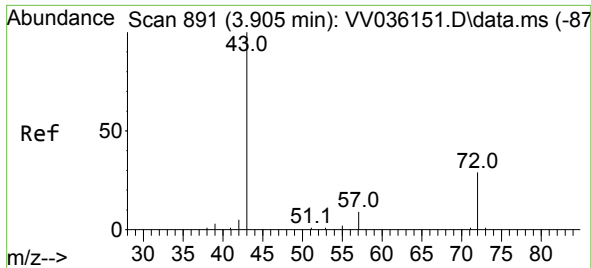
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



#16
Methylene chloride
Concen: 1872.052 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036193.D
Acq: 21 Jun 2024 03:54

Tgt Ion: 84 Resp: 27831
Ion Ratio Lower Upper
84 100
86 66.1 44.6 82.8
49 104.6 81.1 150.5

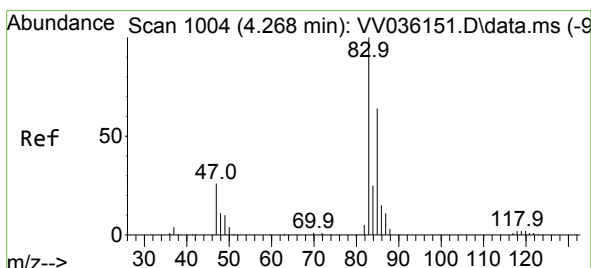
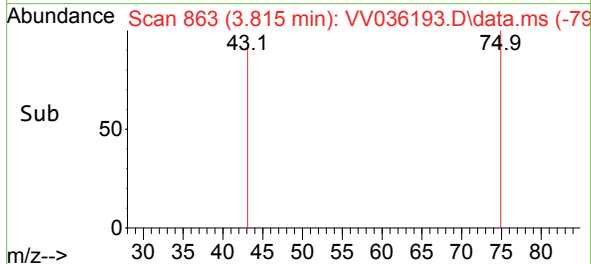
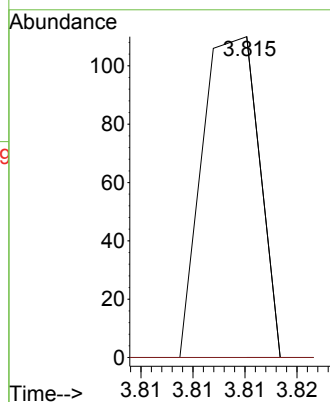
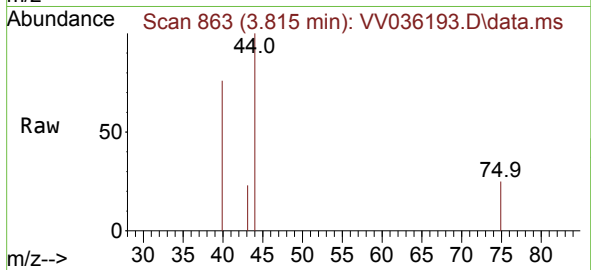




#22
2-Butanone
Concen: 11.466 ug/L
RT: 3.815 min Scan# 80
Delta R.T. -0.093 min
Lab File: VV036193.D
Acq: 21 Jun 2024 03:54

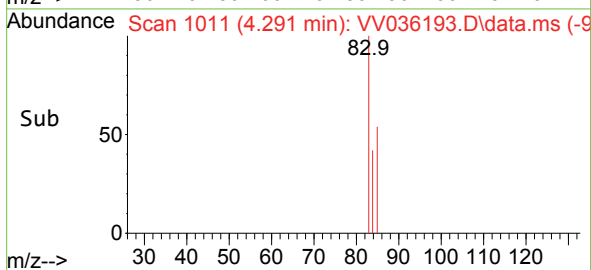
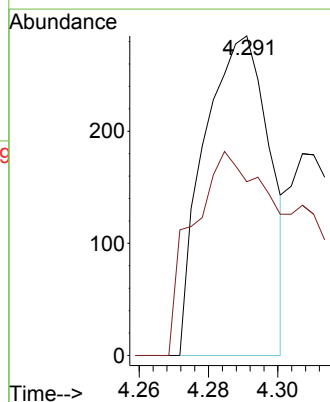
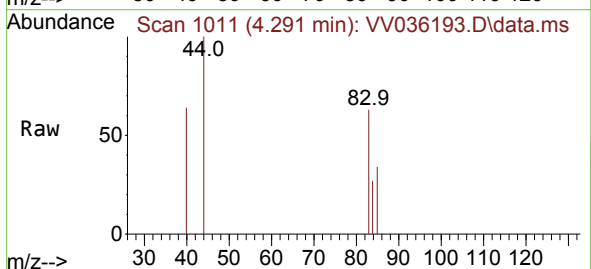
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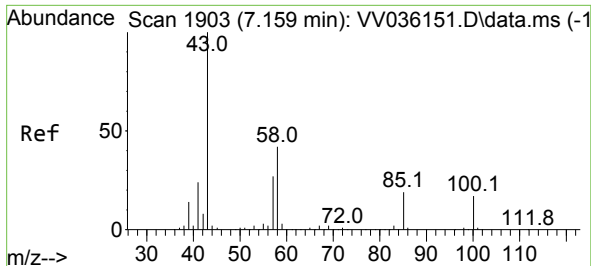
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
72 0.0 8.2 24.4#



#25
Chloroform
Concen: 17.037 ug/L
RT: 4.291 min Scan# 1011
Delta R.T. 0.023 min
Lab File: VV036193.D
Acq: 21 Jun 2024 03:54

Tgt Ion: 83 Resp: 373
Ion Ratio Lower Upper
83 100
85 54.4 45.2 84.0





#40

4-Methyl-2-pentanone

Concen: 7.709 ug/L

RT: 7.075 min Scan# 11

Delta R.T. -0.084 min

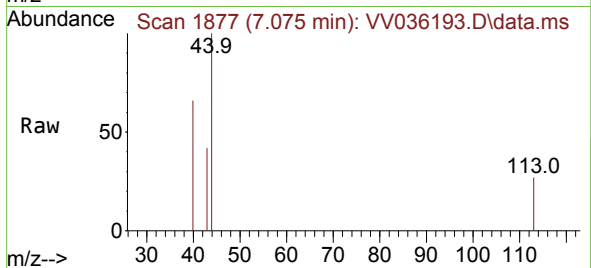
Lab File: VV036193.D

Acq: 21 Jun 2024 03:54

Instrument :

MSVOA_V

ClientSampleId :



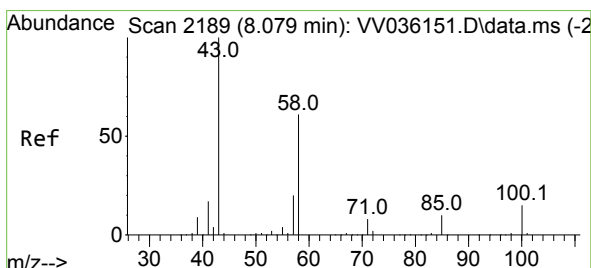
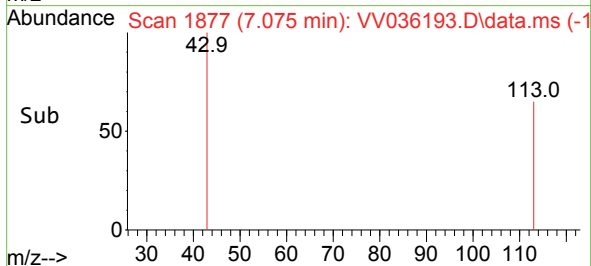
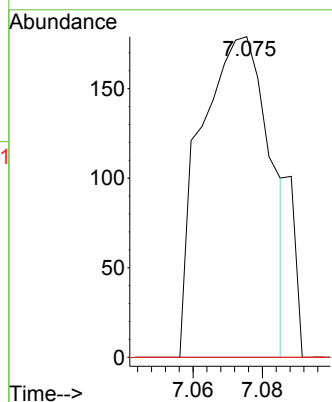
Tgt Ion: 43 Resp: 247

Ion Ratio Lower Upper

43 100

58 0.0 32.5 48.7#

100 175.3 12.5 18.7#



#48

2-Hexanone

Concen: 2.675 ug/L

RT: 8.307 min Scan# 2260

Delta R.T. 0.228 min

Lab File: VV036193.D

Acq: 21 Jun 2024 03:54

Tgt Ion: 43 Resp: 67

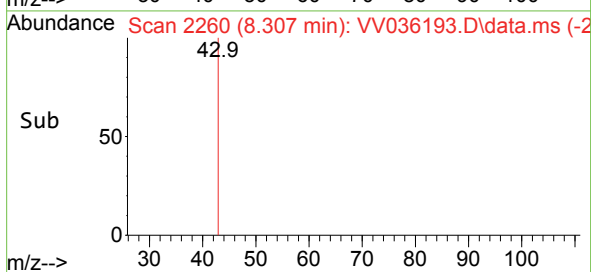
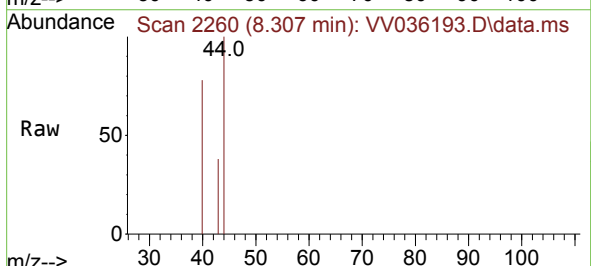
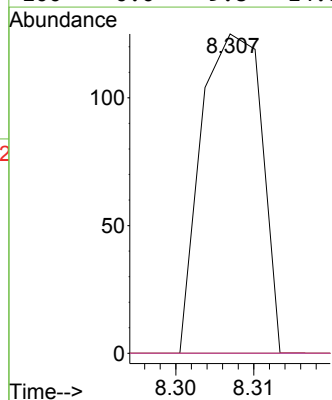
Ion Ratio Lower Upper

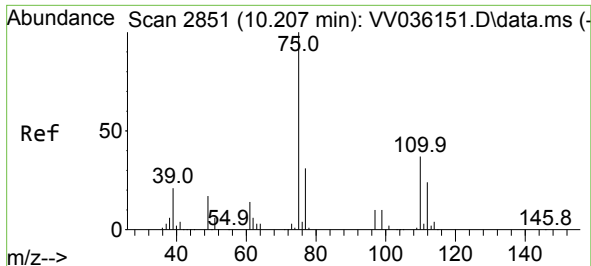
43 100

58 0.0 45.4 68.0#

57 0.0 15.8 23.8#

100 0.0 9.8 14.8#

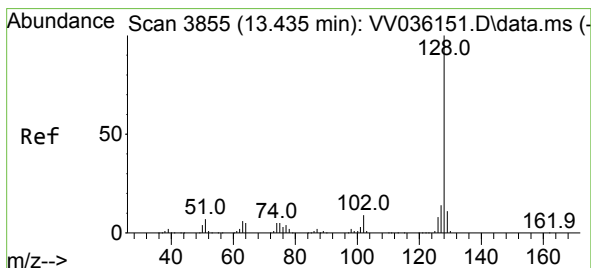
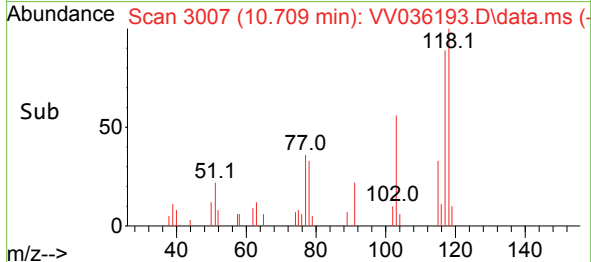
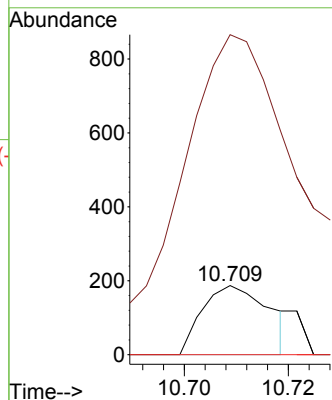
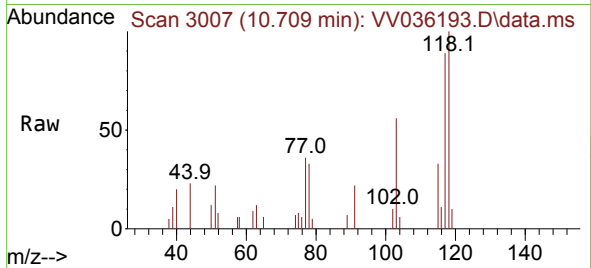




#61
1,2,3-Trichloropropane
Concen: 2.272 ug/L
RT: 10.709 min Scan# 30
Delta R.T. 0.502 min
Lab File: VV036193.D
Acq: 21 Jun 2024 03:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
77 914.4 26.0 39.0#
110 0.0 32.2 48.4#



#71
Naphthalene
Concen: 3.418 ug/L
RT: 13.461 min Scan# 3863
Delta R.T. 0.026 min
Lab File: VV036193.D
Acq: 21 Jun 2024 03:54

Tgt Ion: 128 Resp: 688
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

