

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
 Data File : VV036030.D
 Acq On : 11 Jun 2024 12:17
 Operator : SY/MD
 Sample : VV0611SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 02:06:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

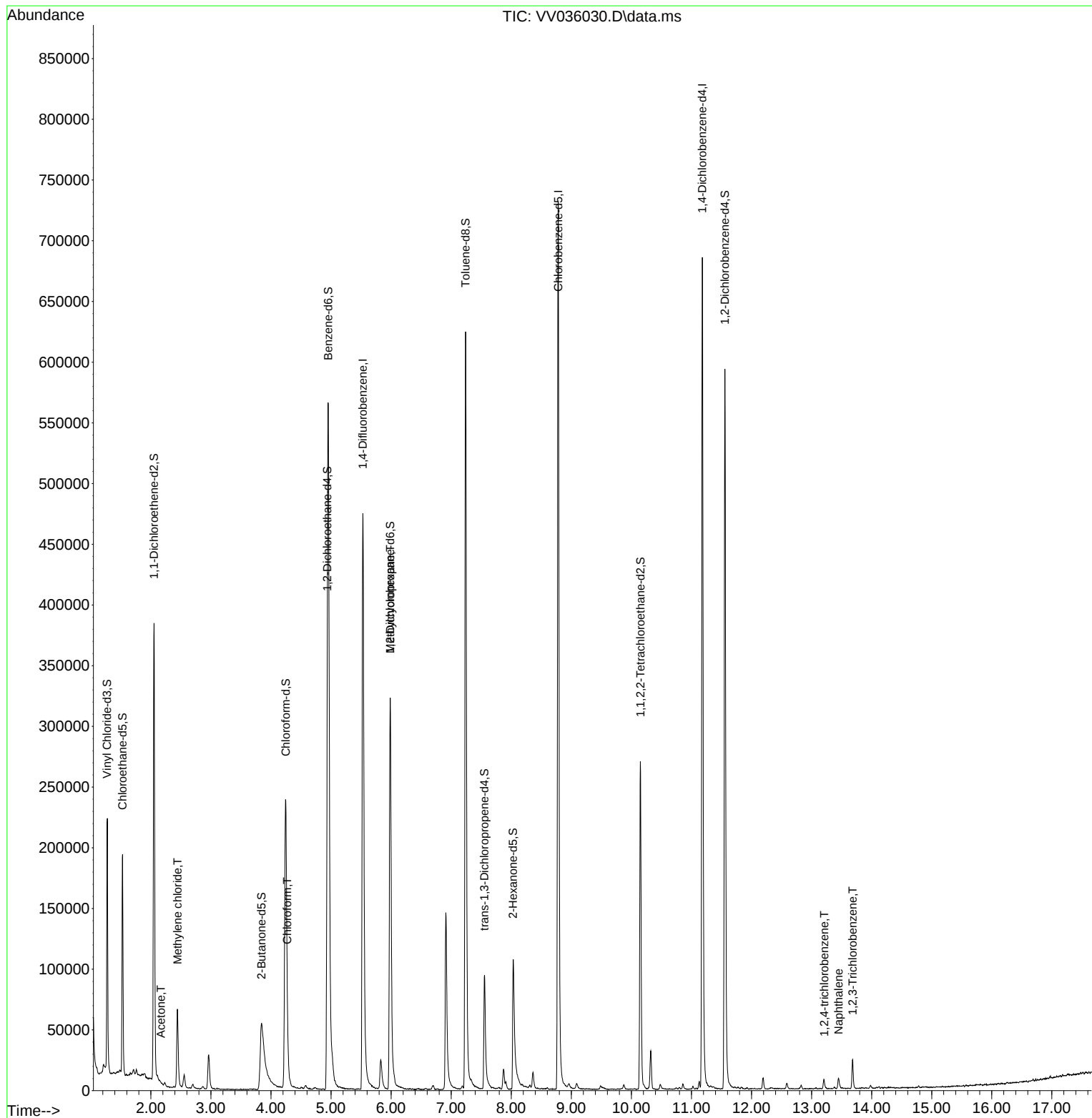
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	427531	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	420732	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	184656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	136997	17.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.720%
7) Chloroethane-d5	1.529	69	121523	19.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
11) 1,1-Dichloroethene-d2	2.053	65	64894	18.546	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.200%
21) 2-Butanone-d5	3.841	46	23423	12.988	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.980%
24) Chloroform-d	4.246	84	269188	19.805	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	4.937	65	143424	20.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.520%
32) Benzene-d6	4.953	84	523789	20.944	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.760%
36) 1,2-Dichloropropane-d6	5.986	67	172241	21.870	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.480%
41) Toluene-d8	7.239	98	436352	19.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.080%
43) trans-1,3-Dichloroprop...	7.555	79	62725	19.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.680%
47) 2-Hexanone-d5	8.030	63	44987	42.160	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.320%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	134348	22.828	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	156965	23.180	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.720%
Target Compounds						
					Qvalue	
13) Acetone	2.166	43	3900	1.388	ug/L	97
16) Methylene chloride	2.442	84	27729	2.866	ug/L	99
25) Chloroform	4.272	83	7436	0.522	ug/L	93
35) Methylcyclohexane	5.986	83	42144	3.614	ug/L #	19
70) 1,2,4-trichlorobenzene	13.210	180	2866	0.391	ug/L	99
71) Naphthalene	13.451	128	8765	0.733	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	2779	0.416	ug/L	92

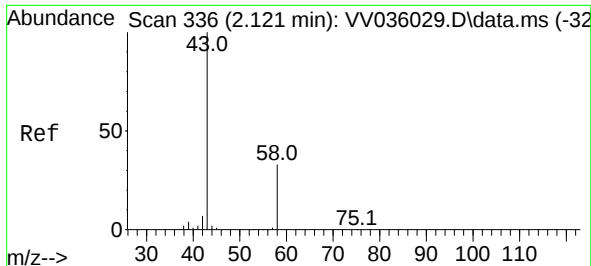
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 12 02:06:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 02:05:45 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.388 ug/L

RT: 2.166 min Scan# 336

Delta R.T. 0.045 min

Lab File: VV036030.D

Acq: 11 Jun 2024 12:17

Instrument :

MSVOA_V

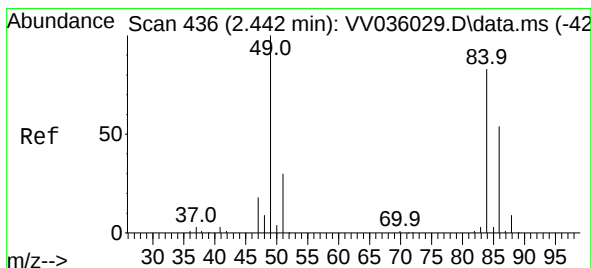
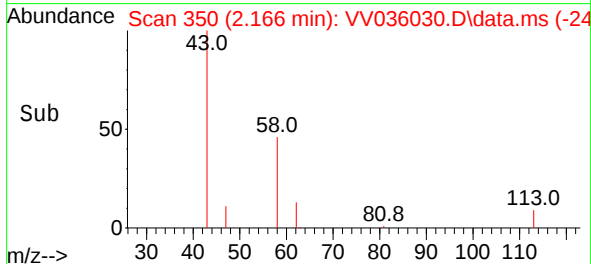
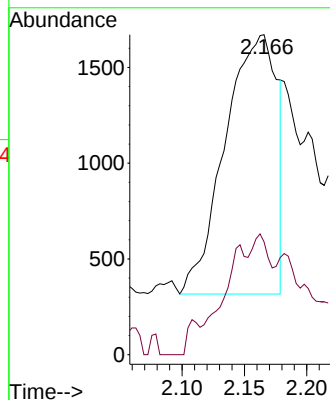
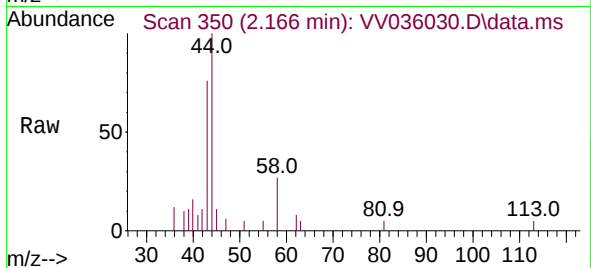
ClientSampleId :

Tgt Ion: 43 Resp: 3900

Ion Ratio Lower Upper

43 100

58 13.2 0.0 24.2



#16

Methylene chloride

Concen: 2.866 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036030.D

Acq: 11 Jun 2024 12:17

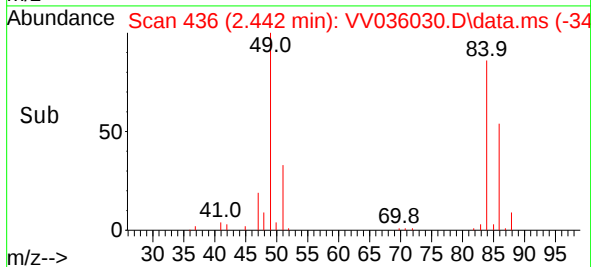
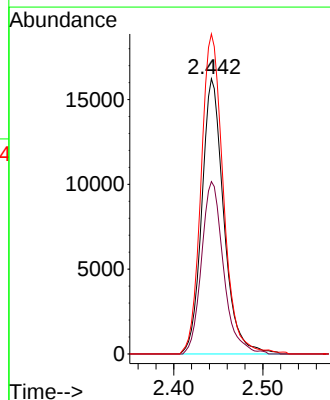
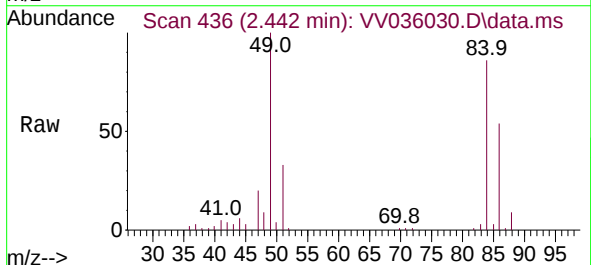
Tgt Ion: 84 Resp: 27729

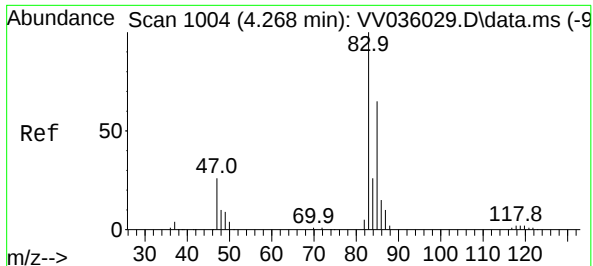
Ion Ratio Lower Upper

84 100

86 62.6 44.6 82.8

49 116.2 81.1 150.5





#25

Chloroform

Concen: 0.522 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036030.D

Acq: 11 Jun 2024 12:17

Instrument :

MSVOA_V

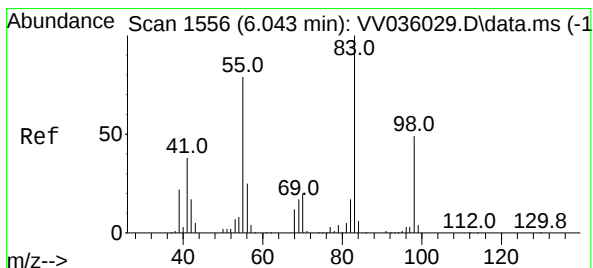
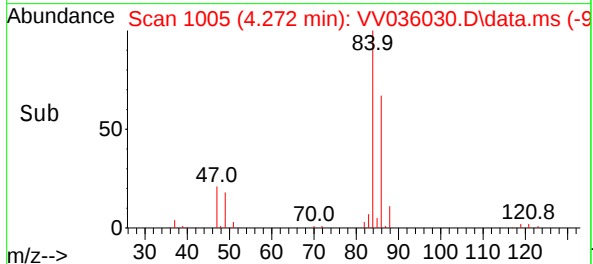
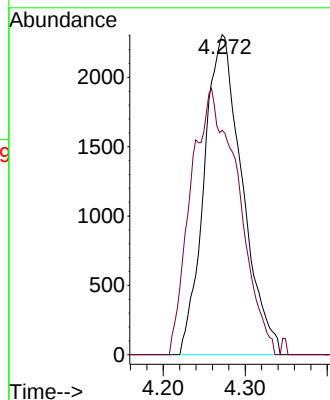
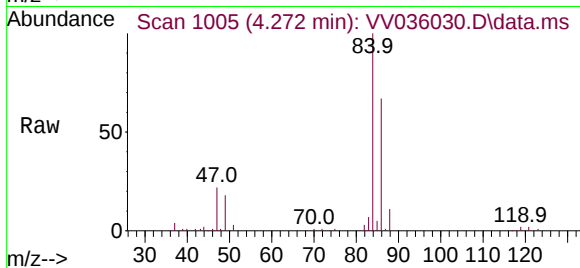
ClientSampleId :

Tgt Ion: 83 Resp: 7436

Ion Ratio Lower Upper

83 100

85 70.1 45.2 84.0



#35

Methylcyclohexane

Concen: 3.614 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV036030.D

Acq: 11 Jun 2024 12:17

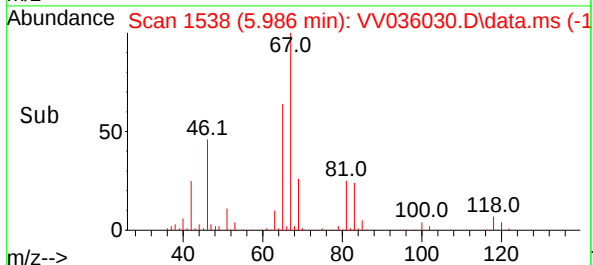
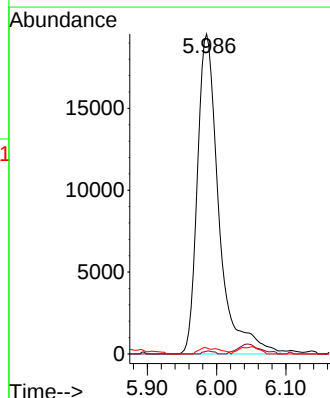
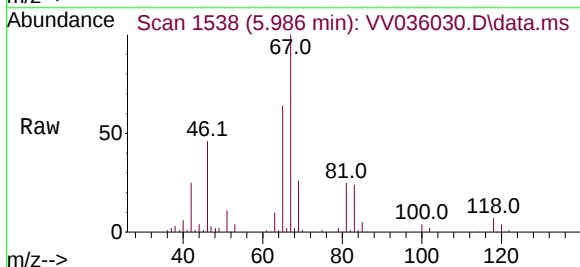
Tgt Ion: 83 Resp: 42144

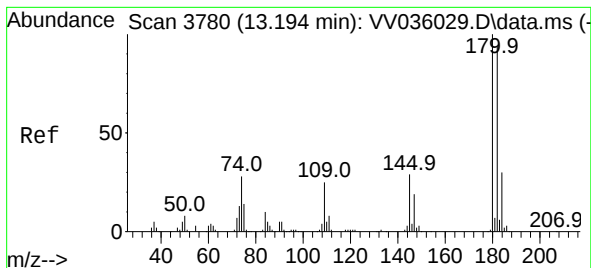
Ion Ratio Lower Upper

83 100

55 0.5 60.7 91.1#

98 1.1 38.7 58.1#





#70

1,2,4-trichlorobenzene

Concen: 0.391 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.016 min

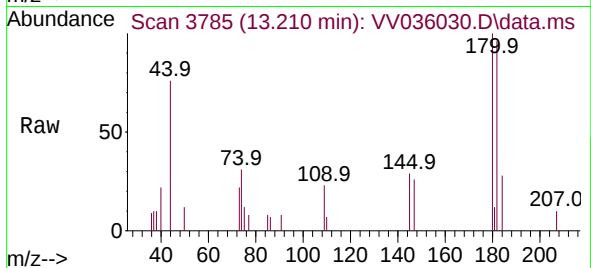
Lab File: VV036030.D

Acq: 11 Jun 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :



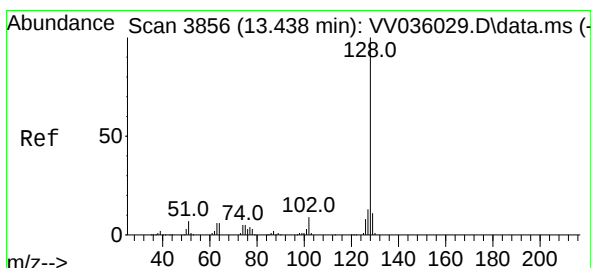
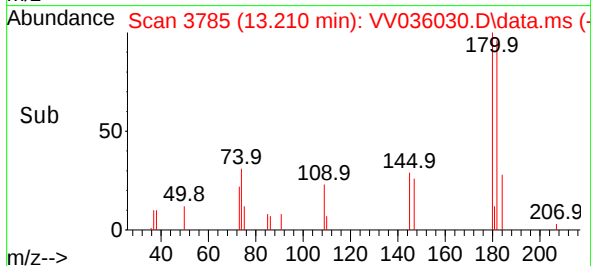
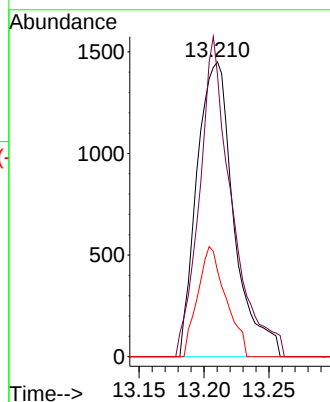
Tgt Ion:180 Resp: 2866

Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

145 28.6 23.5 35.3



#71

Naphthalene

Concen: 0.733 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.013 min

Lab File: VV036030.D

Acq: 11 Jun 2024 12:17

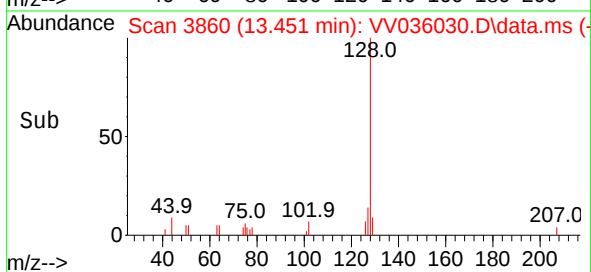
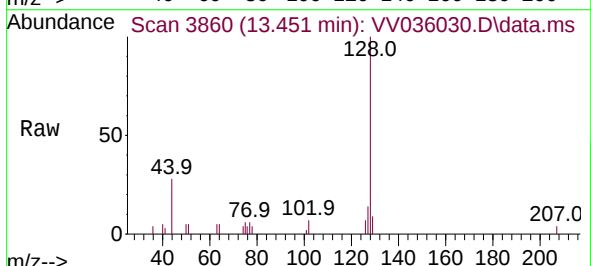
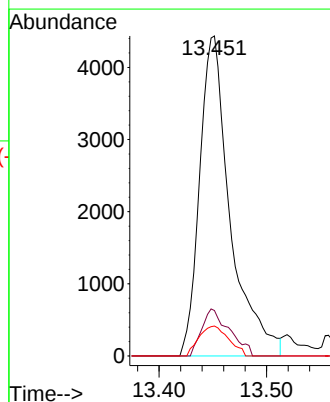
Tgt Ion:128 Resp: 8765

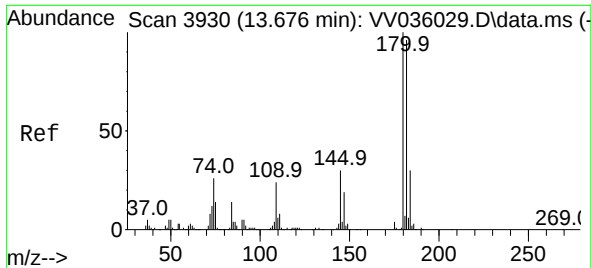
Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 9.1 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 0.416 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.007 min

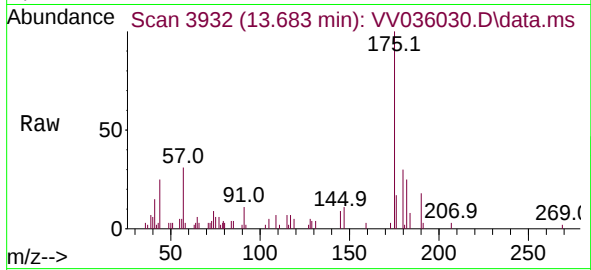
Lab File: VV036030.D

Acq: 11 Jun 2024 12:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2779

Ion Ratio Lower Upper

180 100

182 83.9 75.1 112.7

145 30.2 25.2 37.8

