

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
 Data File : VV036006.D
 Acq On : 07 Jun 2024 13:30
 Operator : SY/MD
 Sample : P2754-11
 Misc : 4.75g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 08 00:31:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 00:30:25 2024
 Response via : Initial Calibration

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

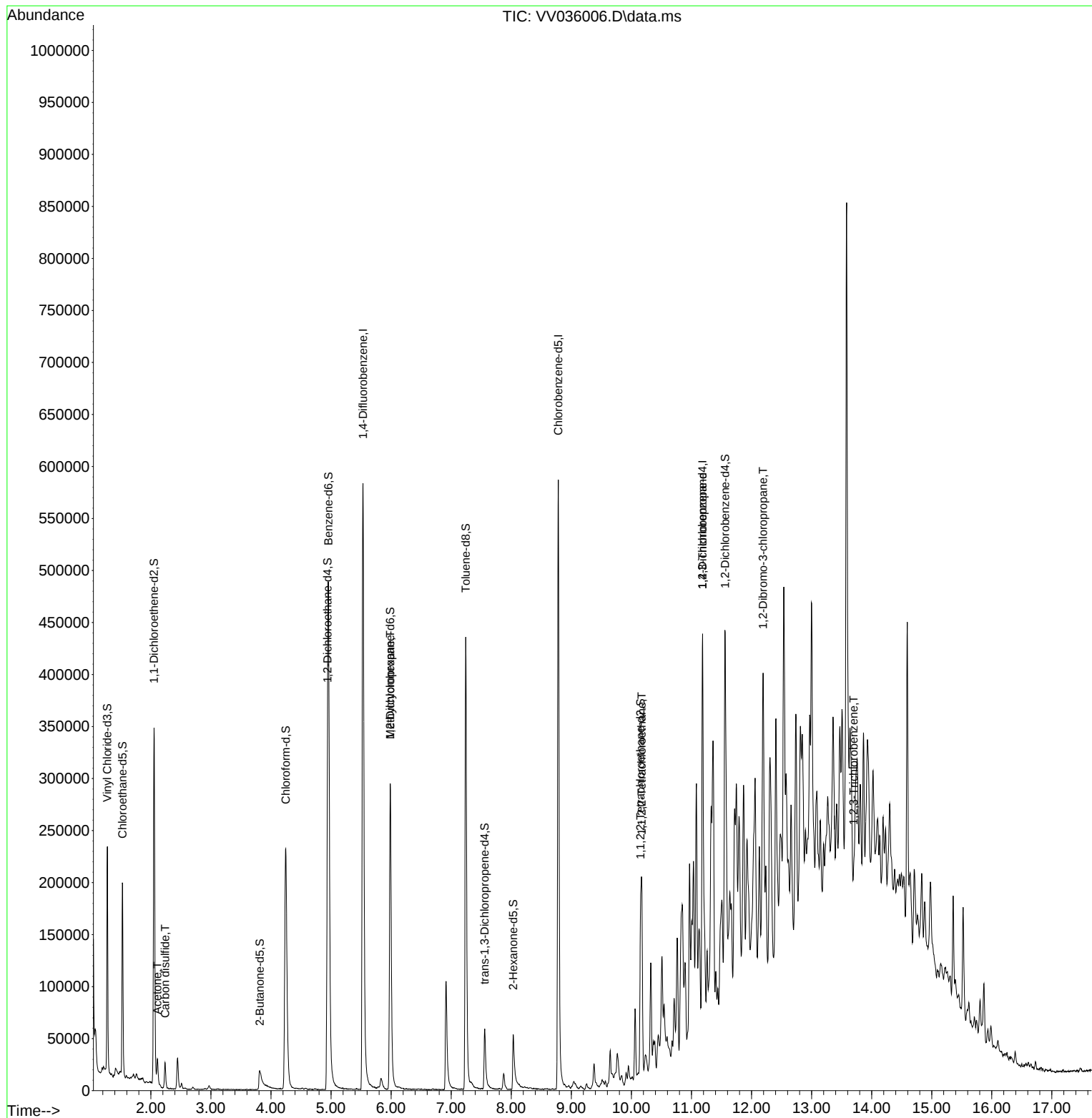
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	517591	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	335683	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	136598	14.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.400%
7) Chloroethane-d5	1.526	69	126636	16.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.760%
11) 1,1-Dichloroethene-d2	2.053	65	58961	13.918	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.680%
21) 2-Butanone-d5	3.812	46	34786	15.933	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.860%
24) Chloroform-d	4.246	84	259607	15.776	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.120%
26) 1,2-Dichloroethane-d4	4.941	65	111433	12.916	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	51.680%#
32) Benzene-d6	4.957	84	471686	23.639	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	5.985	67	151393	24.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.360%
41) Toluene-d8	7.243	98	309575	17.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.320%
43) trans-1,3-Dichloroprop...	7.558	79	40257	15.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.480%
47) 2-Hexanone-d5	8.034	63	21018	24.688	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	74099	15.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	52520	17.087	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.360%#
Target Compounds						
					Qvalue	
13) Acetone	2.108	43	26326	7.741	ug/L #	42
14) Carbon disulfide	2.236	76	27657	0.961	ug/L	99
35) Methylcyclohexane	5.985	83	36073	3.877	ug/L #	19
57) 1,1,2,2-Tetrachloroethane	10.172	83	13370	3.130	ug/L #	40
61) 1,2,3-Trichloropropane	11.185	75	10477	5.285	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.191	75	1143	2.579	ug/L #	11
72) 1,2,3-Trichlorobenzene	13.699	180	2201	0.725	ug/L #	9

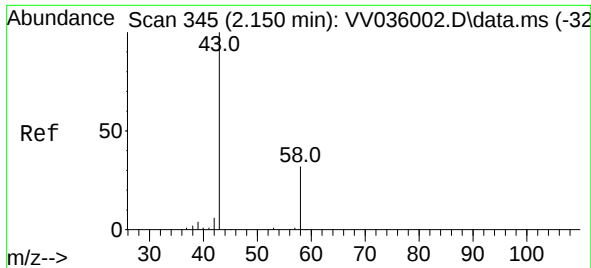
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.741 ug/L

RT: 2.108 min Scan# 345

Delta R.T. -0.042 min

Lab File: VV036006.D

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Instrument :

MSVOA_V

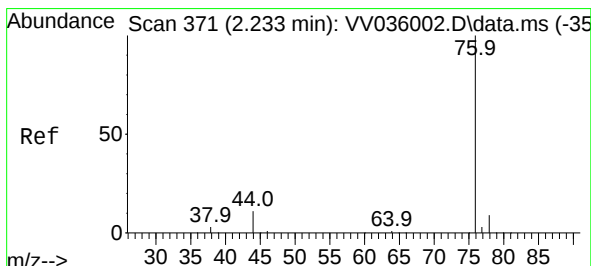
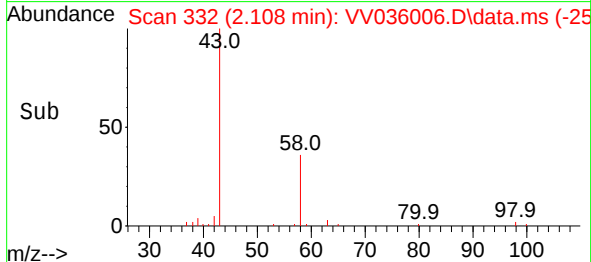
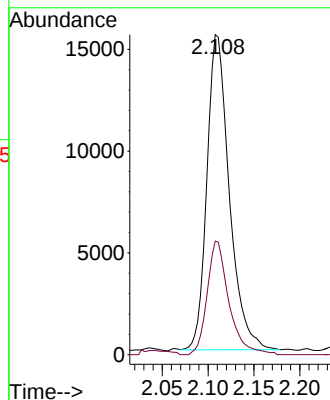
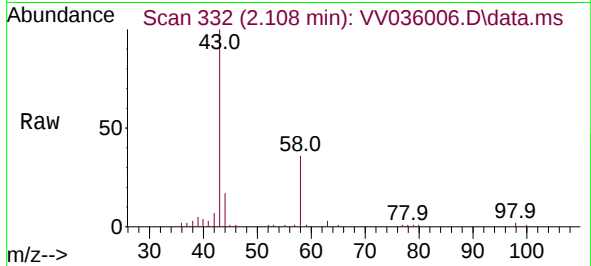
ClientSampleId :

Tgt Ion: 43 Resp: 26326

Ion Ratio Lower Upper

43 100

58 34.8 0.0 24.2#



#14

Carbon disulfide

Concen: 0.961 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV036006.D

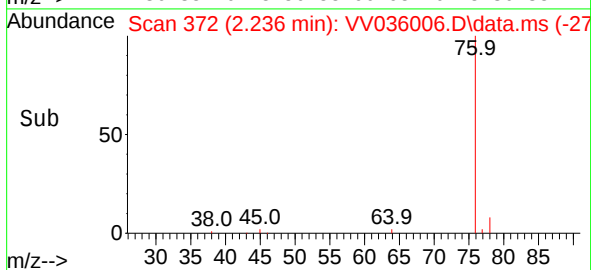
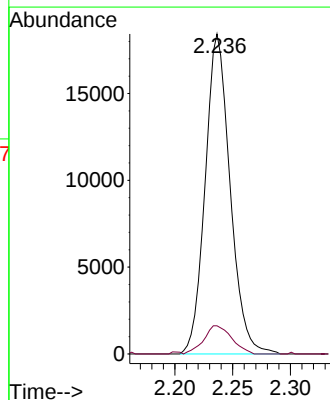
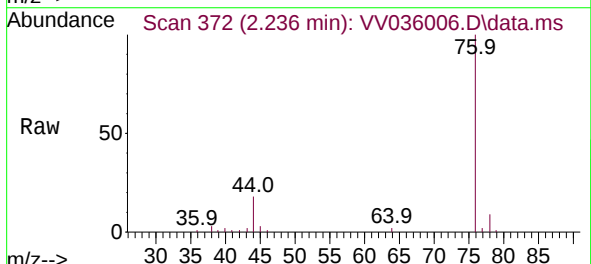
Acq: 07 Jun 2024 13:30

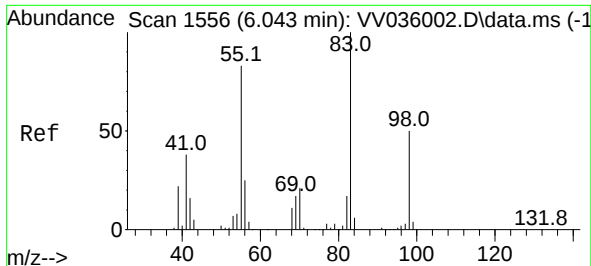
Tgt Ion: 76 Resp: 27657

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





#35

Methylcyclohexane

Concen: 3.877 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV036006.D

Acq: 07 Jun 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

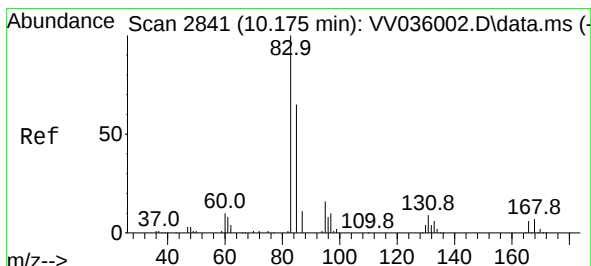
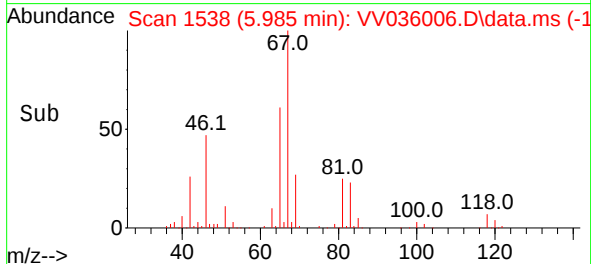
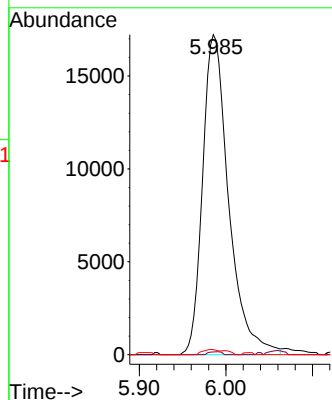
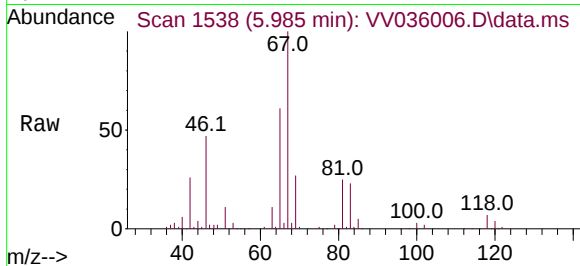
Tgt Ion: 83 Resp: 36073

Ion Ratio Lower Upper

83 100

55 0.4 60.7 91.1#

98 1.0 38.7 58.1#



#57

1,1,2,2-Tetrachloroethane

Concen: 3.130 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.003 min

Lab File: VV036006.D

Acq: 07 Jun 2024 13:30

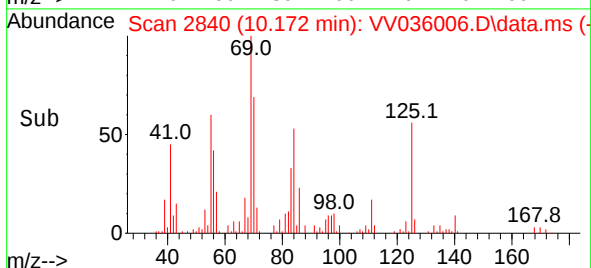
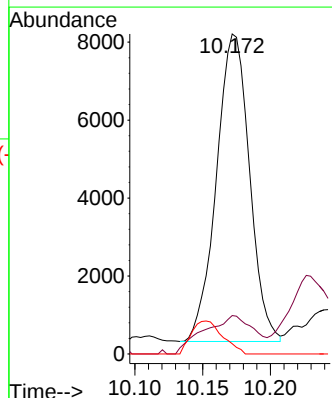
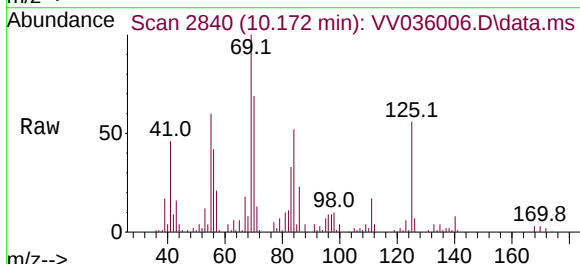
Tgt Ion: 83 Resp: 13370

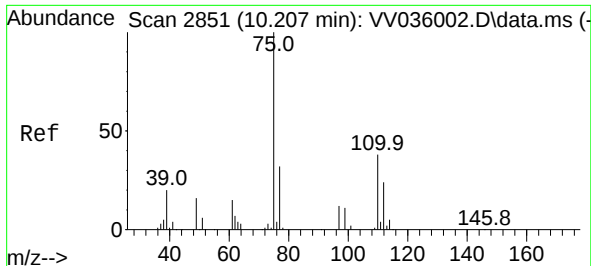
Ion Ratio Lower Upper

83 100

85 12.0 45.1 83.7#

131 3.2 7.6 11.4#

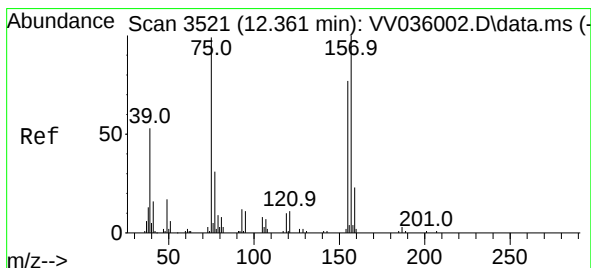
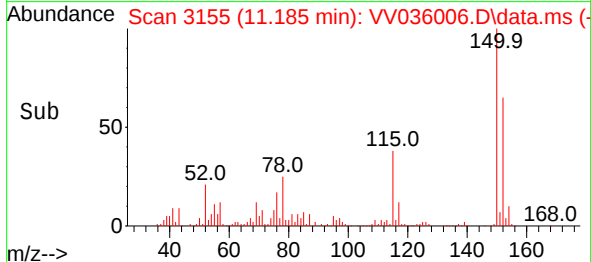
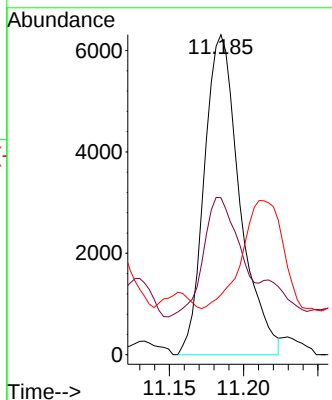
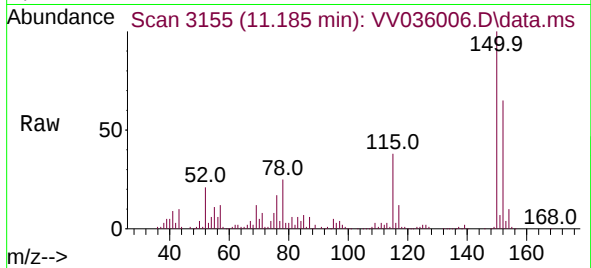




#61
1,2,3-Trichloropropane
Concen: 5.285 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV036006.D
Acq: 07 Jun 2024 13:30

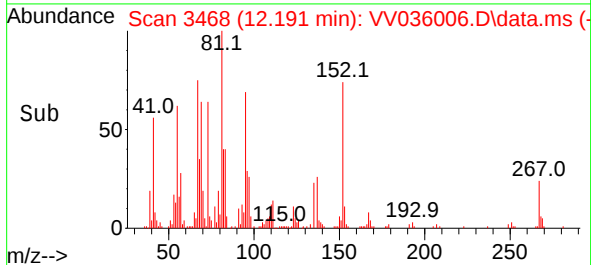
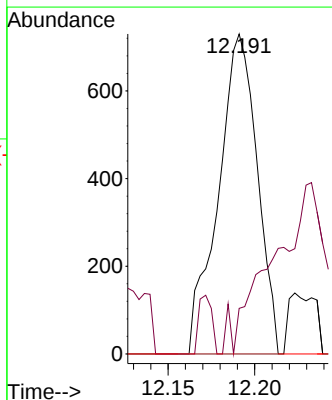
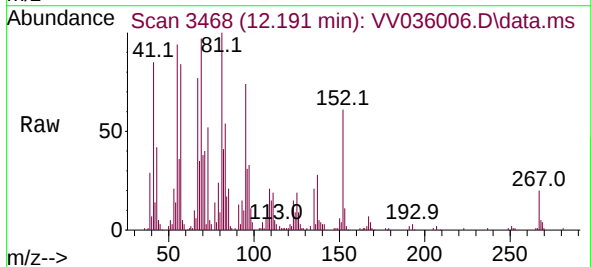
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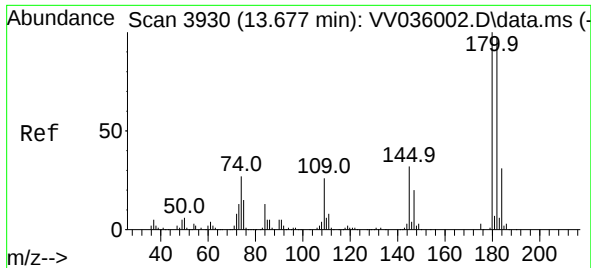
Tgt Ion: 75 Resp: 10477
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0
110 35.4 32.2 48.4



#68
1,2-Dibromo-3-chloropropane
Concen: 2.579 ug/L
RT: 12.191 min Scan# 3468
Delta R.T. -0.170 min
Lab File: VV036006.D
Acq: 07 Jun 2024 13:30

Tgt Ion: 75 Resp: 1143
Ion Ratio Lower Upper
75 100
155 14.2 63.3 94.9#
157 0.0 82.4 123.6#





#72

1,2,3-Trichlorobenzene

Concen: 0.725 ug/L

RT: 13.699 min Scan# 3937

Delta R.T. 0.022 min

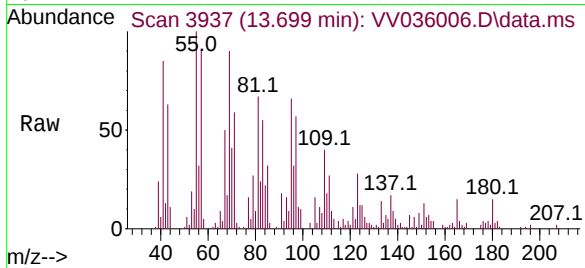
Lab File: VV036006.D

Acq: 07 Jun 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2201

Ion Ratio Lower Upper

180 100

182 13.2 75.1 112.7#

145 94.2 25.2 37.8#

