

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035986.D
 Acq On : 06 Jun 2024 14:42
 Operator : SY/MD
 Sample : P2754-01
 Misc : 5.26g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 07 02:20:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

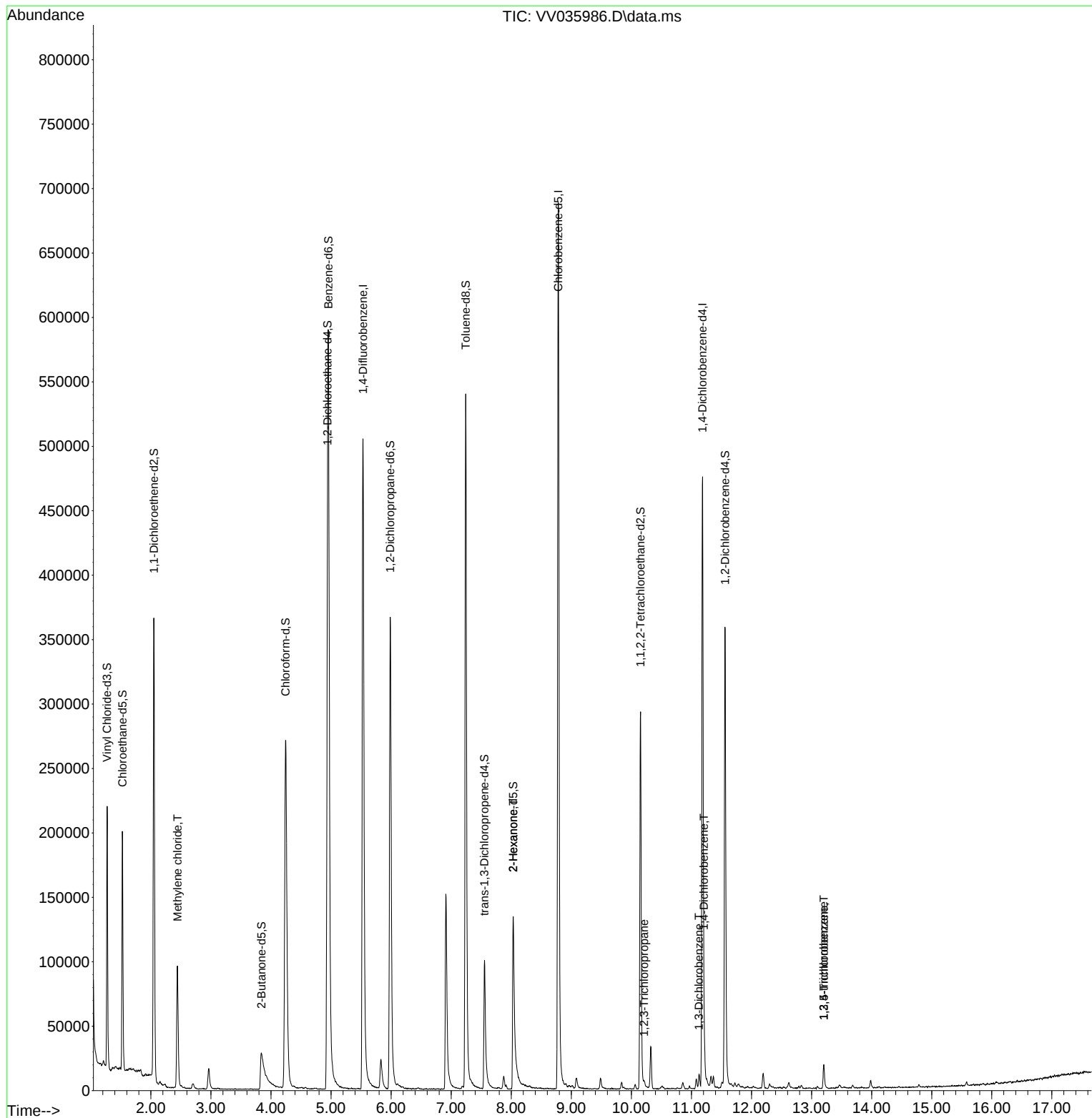
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	450188	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	393631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	137790	16.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.600%
7) Chloroethane-d5	1.526	69	126586	19.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.720%
11) 1,1-Dichloroethene-d2	2.050	65	62298	16.908	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.640%
21) 2-Butanone-d5	3.841	46	74939	39.463	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.920%
24) Chloroform-d	4.243	84	303766	21.224	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.880%
26) 1,2-Dichloroethane-d4	4.940	65	170740	22.753	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	4.956	84	530310	22.664	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	5.985	67	190541	25.859	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.440%
41) Toluene-d8	7.243	98	376845	18.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.554	79	64548	21.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.440%
47) 2-Hexanone-d5	8.034	63	52439	52.528	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.060%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	149454	27.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	96587	20.470	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.880%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	42194	4.142	ug/L	98
48) 2-Hexanone	8.034	43	6130	2.135	ug/L #	75
61) 1,2,3-Trichloropropane	10.214	75	2117	0.696	ug/L #	72
64) 1,3-Dichlorobenzene	11.127	146	3998	0.461	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	10456	1.169	ug/L	94
69) 1,3,5-Trichlorobenzene	13.204	180	6319	0.974	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	6319	1.238	ug/L	94

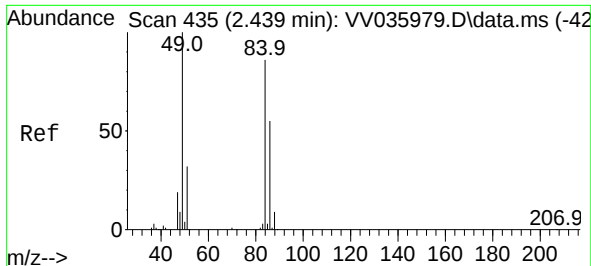
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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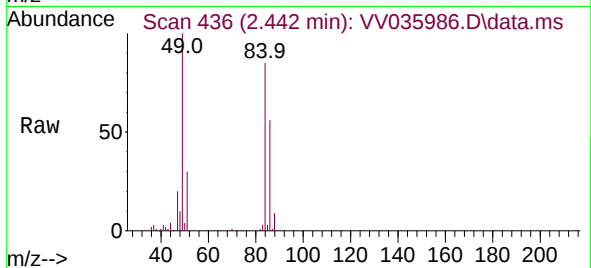
Quant Time: Jun 07 02:20:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 02:16:44 2024
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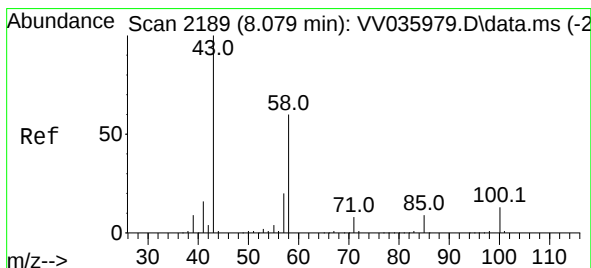
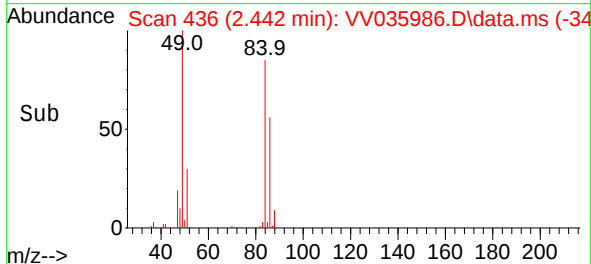
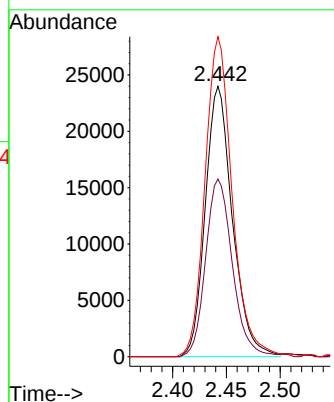


#16
Methylene chloride
Concen: 4.142 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035986.D
Acq: 06 Jun 2024 14:42

Instrument :
MSVOA_V
ClientSampleId :

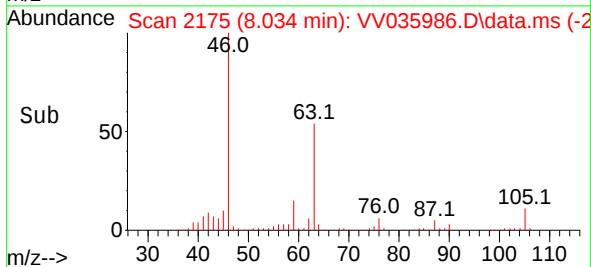
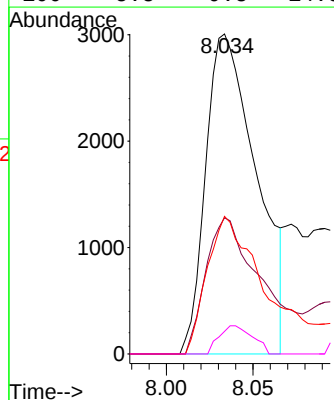
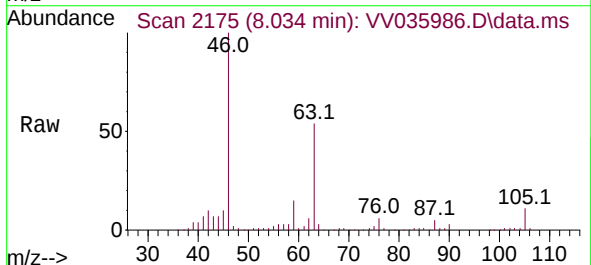


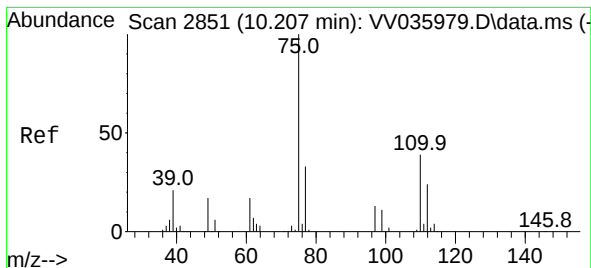
Tgt Ion: 84 Resp: 42194
Ion Ratio Lower Upper
84 100
86 65.7 44.6 82.8
49 118.3 81.1 150.5



#48
2-Hexanone
Concen: 2.135 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV035986.D
Acq: 06 Jun 2024 14:42

Tgt Ion: 43 Resp: 6130
Ion Ratio Lower Upper
43 100
58 47.7 45.4 68.0
57 49.6 15.8 23.8#
100 5.8 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 0.696 ug/L

RT: 10.214 min Scan# 2117

Delta R.T. 0.006 min

Lab File: VV035986.D

Acq: 06 Jun 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

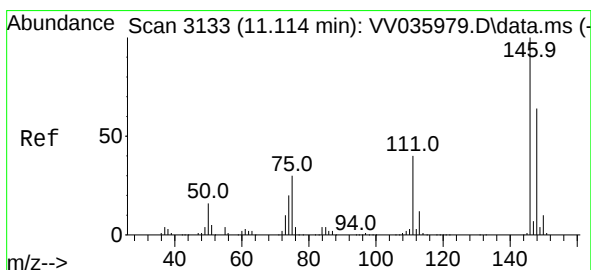
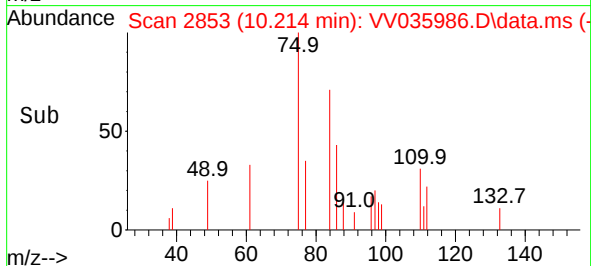
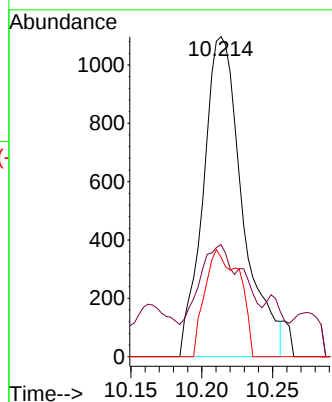
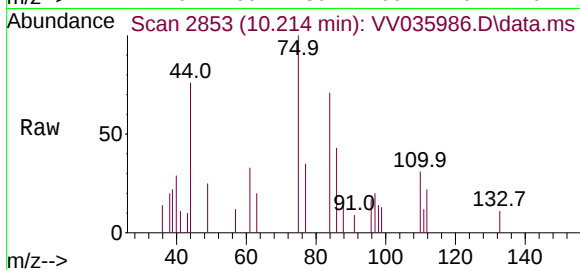
Tgt Ion: 75 Resp: 2117

Ion Ratio Lower Upper

75 100

77 19.3 26.0 39.0#

110 20.3 32.2 48.4#



#64

1,3-Dichlorobenzene

Concen: 0.461 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.013 min

Lab File: VV035986.D

Acq: 06 Jun 2024 14:42

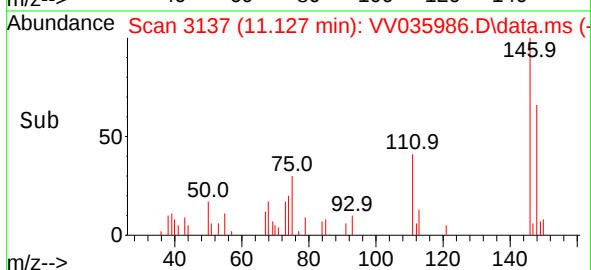
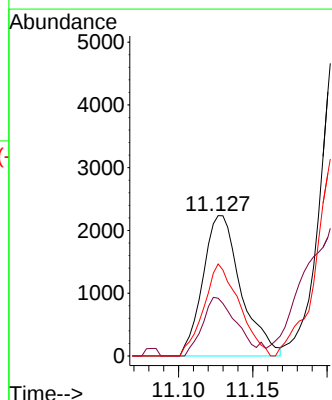
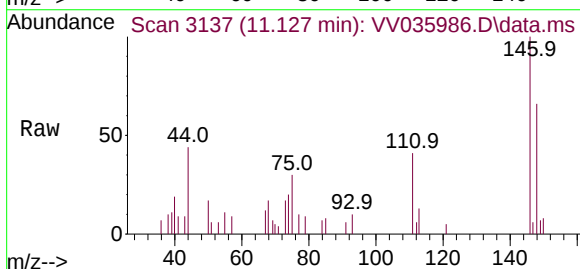
Tgt Ion: 146 Resp: 3998

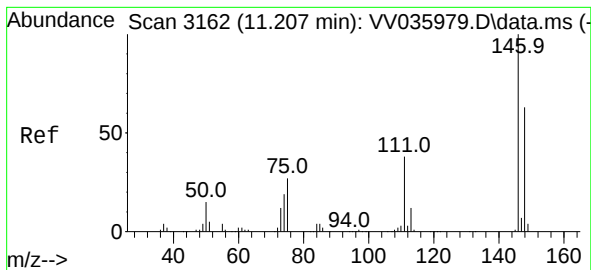
Ion Ratio Lower Upper

146 100

111 41.2 28.1 52.1

148 65.6 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 1.169 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035986.D

Acq: 06 Jun 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

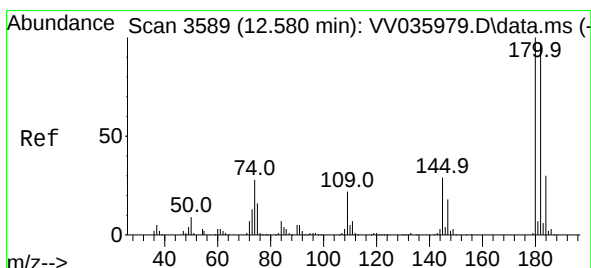
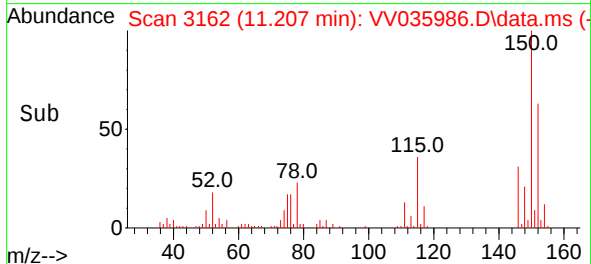
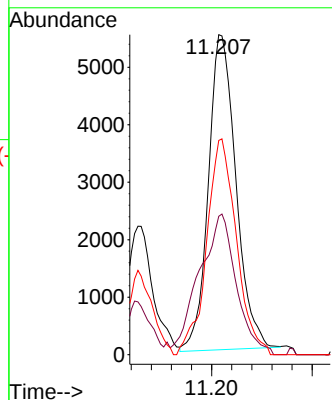
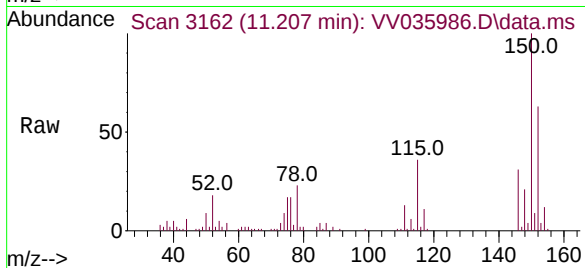
Tgt Ion:146 Resp: 10456

Ion Ratio Lower Upper

146 100

111 43.3 26.9 50.1

148 67.0 44.5 82.7



#69

1,3,5-Trichlorobenzene

Concen: 0.974 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

Lab File: VV035986.D

Acq: 06 Jun 2024 14:42

Tgt Ion:180 Resp: 6319

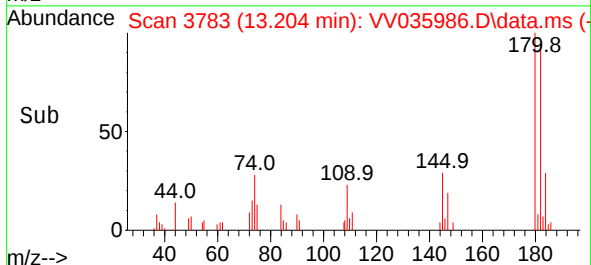
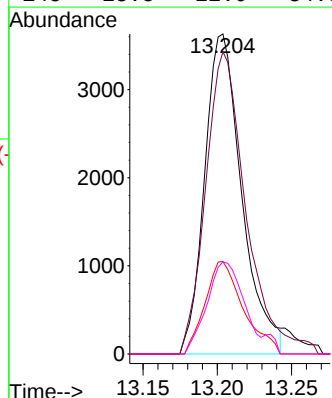
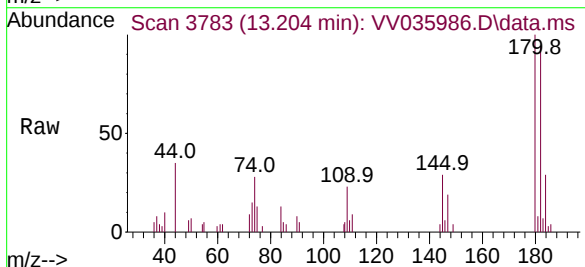
Ion Ratio Lower Upper

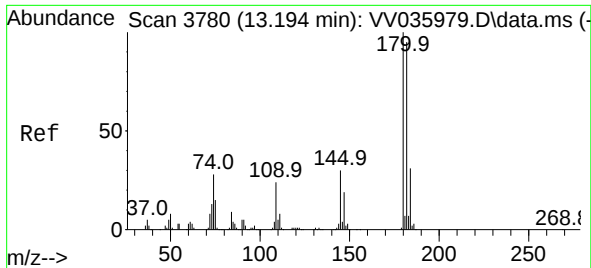
180 100

182 102.6 76.2 114.4

184 29.8 24.2 36.2

145 28.5 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 1.238 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.010 min

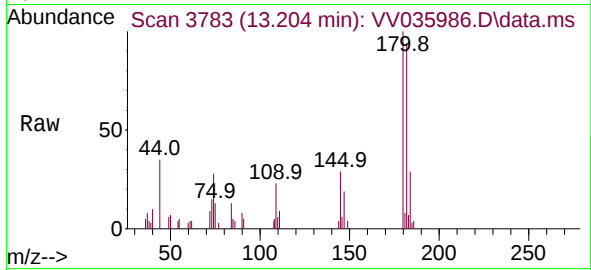
Lab File: VV035986.D

Acq: 06 Jun 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 6319

Ion Ratio Lower Upper

180 100

182 102.6 76.1 114.1

145 28.5 23.5 35.3

