

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071224\
 Data File : VW036513.D
 Acq On : 12 Jul 2024 17:44
 Operator : SY/MD
 Sample : P3215-15
 Misc : 5.29g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D43

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/16/2024
 Supervised By :Semsettin Yesilyurt 07/16/2024

Quant Time: Jul 13 04:11:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	230508	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	126730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	24142	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	118348	35.836	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 143.360%			
7) Chloroethane-d5	1.526	69	101553	35.172	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 140.680%			
11) 1,1-Dichloroethene-d2	2.050	65	45648	26.918	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.680%			
21) 2-Butanone-d5	3.902	46	5084m	8.994	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery = 17.980%#			
24) Chloroform-d	4.243	84	163569	24.378	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.520%			
26) 1,2-Dichloroethane-d4	4.937	65	89674	26.947	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.800%			
32) Benzene-d6	4.953	84	285162	45.104	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 180.400%#			
36) 1,2-Dichloropropane-d6	5.986	67	84771	44.990	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 179.960%#			
41) Toluene-d8	7.239	98	159233	27.296	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.200%			
43) trans-1,3-Dichloroprop...	7.571	79	5196	6.633	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery = 26.520%#			
47) 2-Hexanone-d5	8.066	63	1218m	5.820	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 11.640%#			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	38770	24.431	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.720%			
66) 1,2-Dichlorobenzene-d4	11.561	152	16696	20.379	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 81.520%			
Target Compounds						
16) Methylene chloride	2.439	84	14206	2.998	ug/L	92
64) 1,3-Dichlorobenzene	11.130	146	2724	1.911	ug/L	88
65) 1,4-Dichlorobenzene	11.210	146	3442	2.248	ug/L	94
67) 1,2-Dichlorobenzene	11.583	146	2998	2.188	ug/L	89
70) 1,2,4-trichlorobenzene	13.201	180	3868	4.405	ug/L	91
72) 1,2,3-Trichlorobenzene	13.683	180	3885	4.677	ug/L	98

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

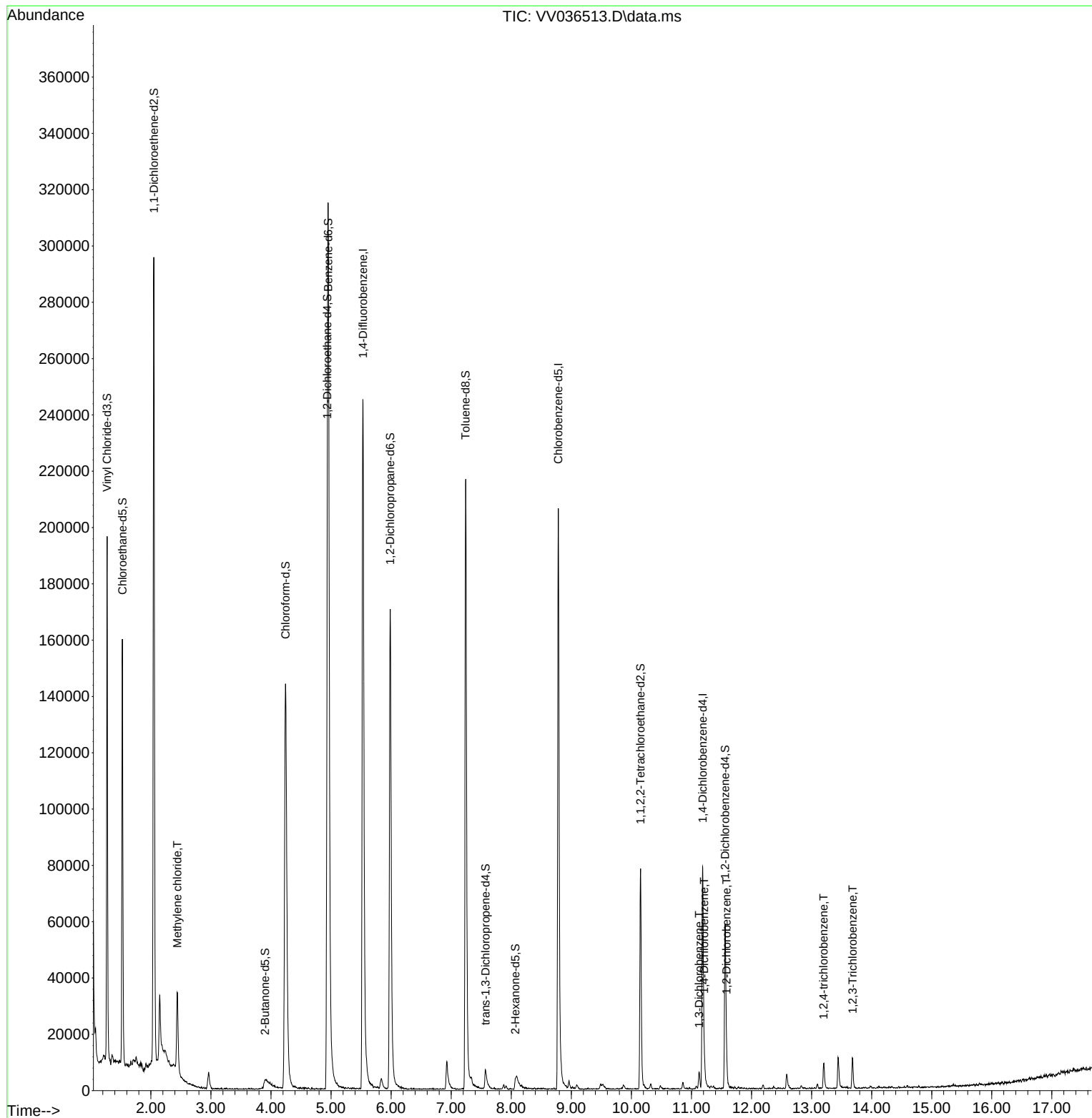
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036513.D
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Operator : SY/MD
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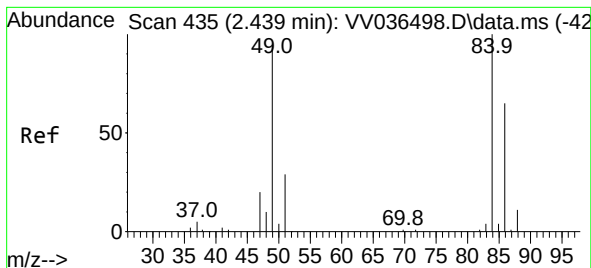
Instrument :
MSVOA_V
ClientSampleId :
A4D43

Quant Time: Jul 13 04:11:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration

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#16

Methylene chloride

Concen: 2.998 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV036513.D

Acq: 12 Jul 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

A4D43

Tgt Ion: 84 Resp: 14200

Ion Ratio Lower Upper

84 100

86 62.1 46.3 86.1

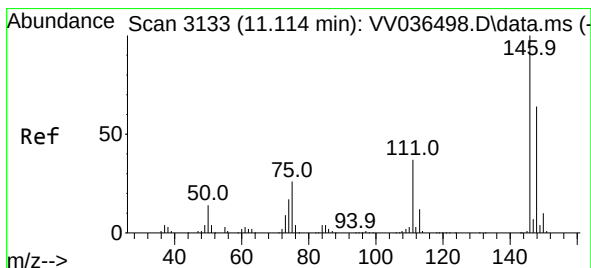
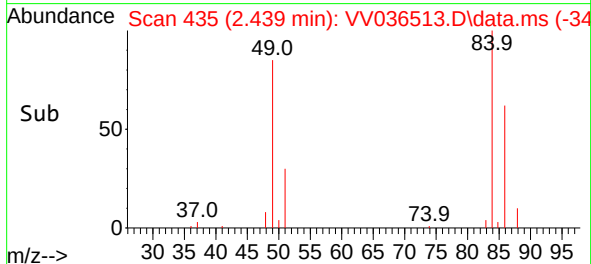
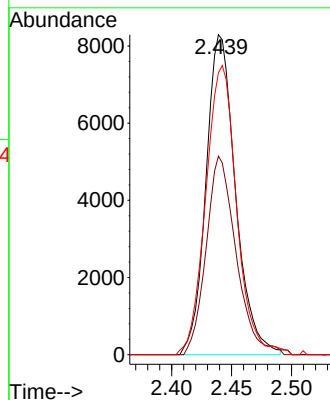
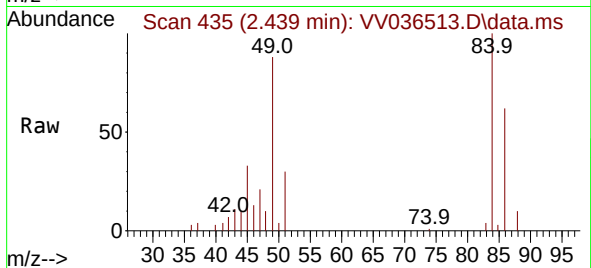
49 88.1 68.1 126.5

Manual Integrations

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#64

1,3-Dichlorobenzene

Concen: 1.911 ug/L

RT: 11.130 min Scan# 3138

Delta R.T. 0.016 min

Lab File: VV036513.D

Acq: 12 Jul 2024 17:44

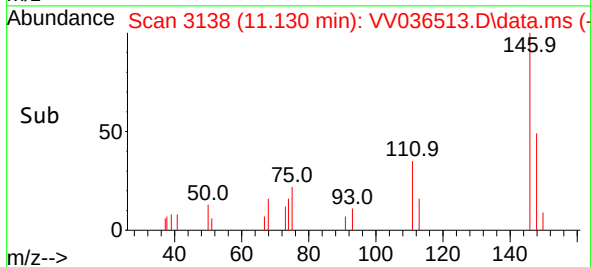
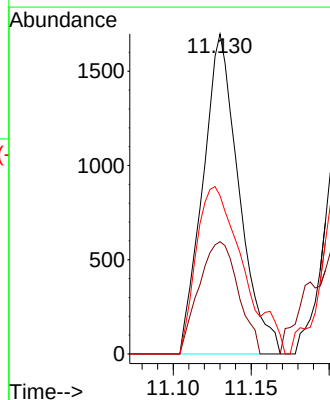
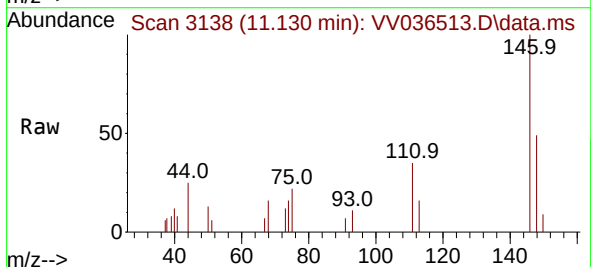
Tgt Ion:146 Resp: 2724

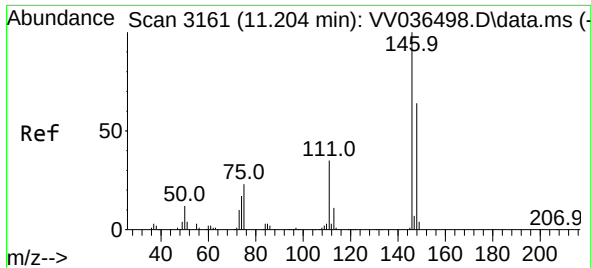
Ion Ratio Lower Upper

146 100

111 35.1 25.8 47.8

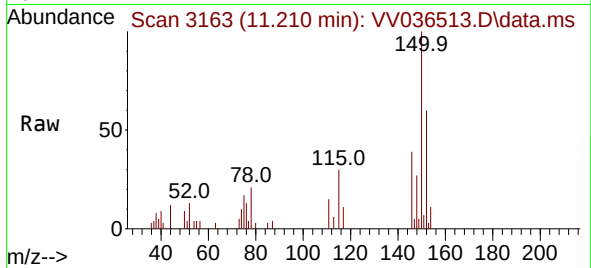
148 49.5 44.4 82.4





#65
1,4-Dichlorobenzene
Concen: 2.248 ug/L
RT: 11.210 min Scan# 3161
Delta R.T. 0.006 min
Lab File: VV036513.D
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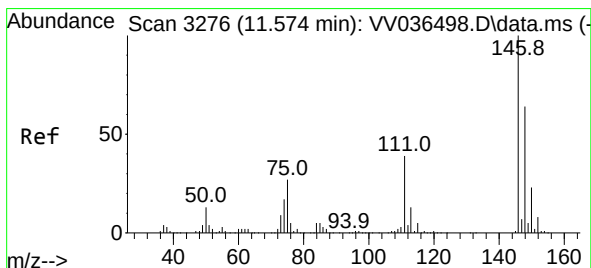
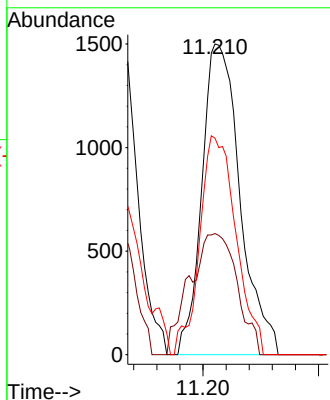
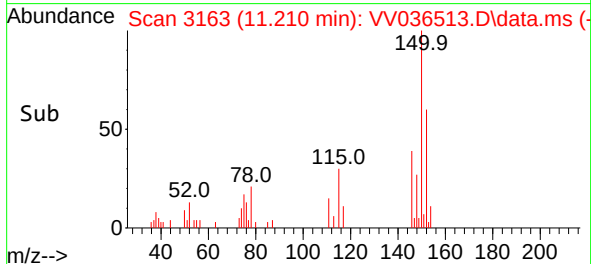
Instrument :
MSVOA_V
ClientSampleId :
A4D43



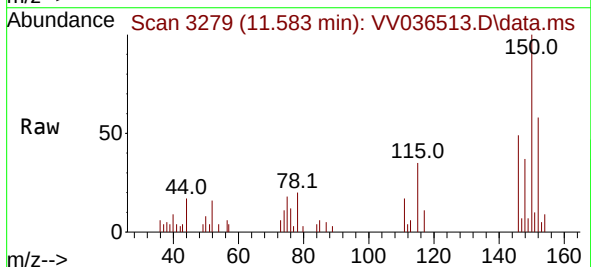
Tgt Ion:146 Resp: 344
Ion Ratio Lower Upper
146 100
111 39.0 25.2 46.8
148 69.7 45.2 84.0

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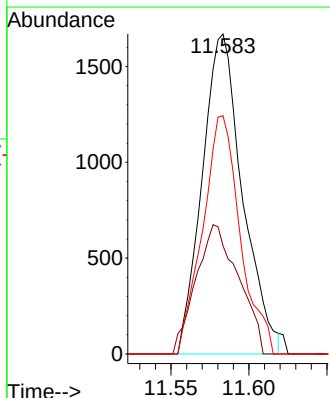
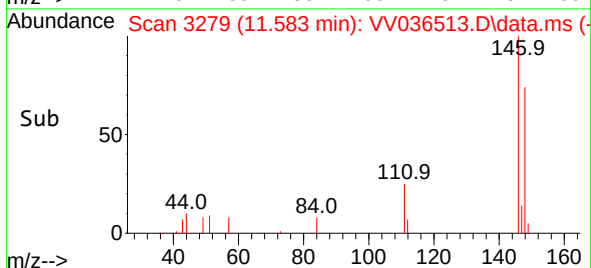
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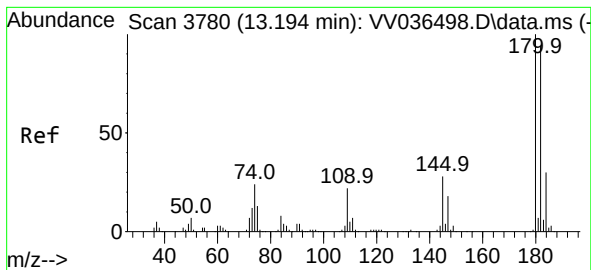


#67
1,2-Dichlorobenzene
Concen: 2.188 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.010 min
Lab File: VV036513.D
Acq: 12 Jul 2024 17:44



Tgt Ion:146 Resp: 2998
Ion Ratio Lower Upper
146 100
111 33.8 30.8 46.2
148 74.4 51.3 76.9





#70

1,2,4-trichlorobenzene

Concen: 4.405 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV036513.D

Acq: 12 Jul 2024 17:44

Instrument :

MSVOA_V

ClientSampleId :

A4D43

Tgt Ion:180 Resp: 386

Ion Ratio Lower Upper

180 100

182 85.8 76.7 115.1

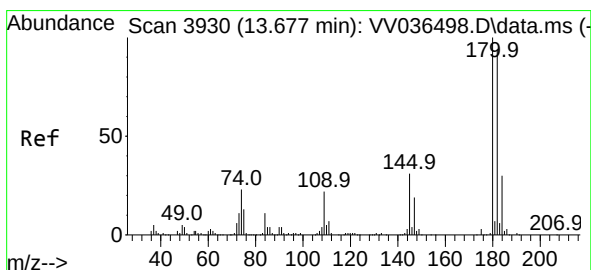
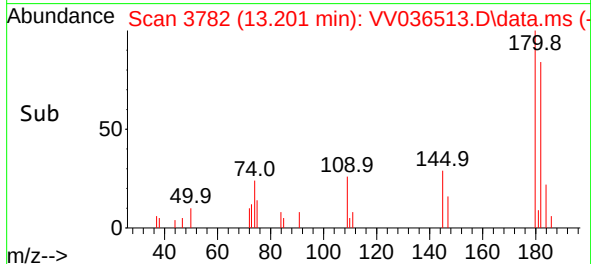
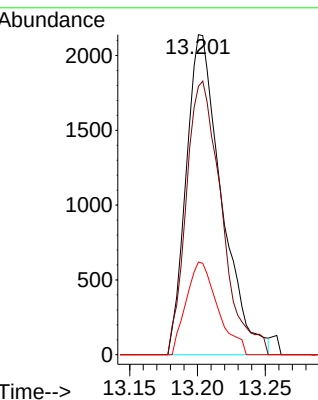
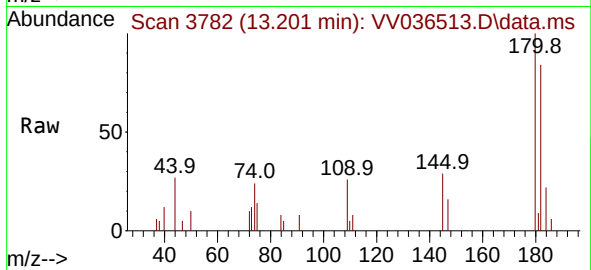
145 25.9 23.0 34.6

Manual Integrations

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#72

1,2,3-Trichlorobenzene

Concen: 4.677 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV036513.D

Acq: 12 Jul 2024 17:44

Tgt Ion:180 Resp: 3885

Ion Ratio Lower Upper

180 100

182 93.7 76.6 114.8

145 32.0 24.4 36.6

