

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091224\
 Data File : VV037255.D
 Acq On : 12 Sep 2024 09:23
 Operator : SY/MD
 Sample : VV0912MBL01
 Misc : 5.0G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 13 00:43:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 00:43:12 2024
 Response via : Initial Calibration

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

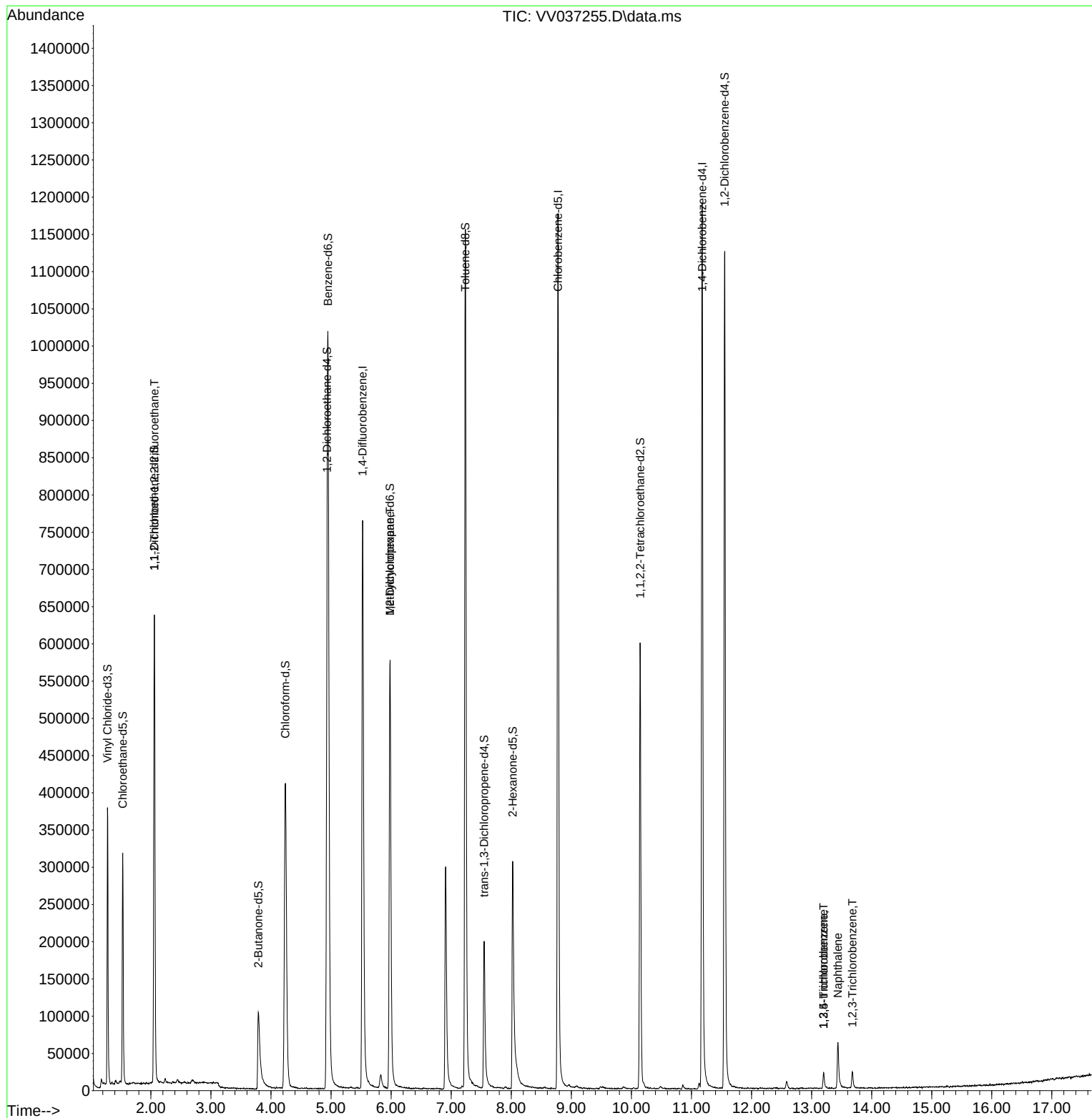
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	660338	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	639447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	305293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	247516	40.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.960%
7) Chloroethane-d5	1.532	69	202997	43.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.960%
11) 1,1-Dichloroethene-d2	2.057	65	108400	42.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.400%
21) 2-Butanone-d5	3.790	46	174224	74.481	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.480%
24) Chloroform-d	4.240	84	439267	46.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	4.934	65	266905	44.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.660%
32) Benzene-d6	4.950	84	888350	45.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.982	67	287611	47.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	7.236	98	771843	44.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	7.548	79	122399	43.734	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.460%
47) 2-Hexanone-d5	8.024	63	103959	62.968	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	62.970%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	293214	39.965	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.940%
66) 1,2-Dichlorobenzene-d4	11.555	152	288355	47.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.320%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3394	0.742	ug/L #	27
35) Methylcyclohexane	5.982	83	66920	8.456	ug/L #	19
69) 1,3,5-Trichlorobenzene	13.201	180	6318	0.994	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	6318	1.055	ug/L	98
71) Naphthalene	13.439	128	54620	3.159	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	6747	1.143	ug/L	97

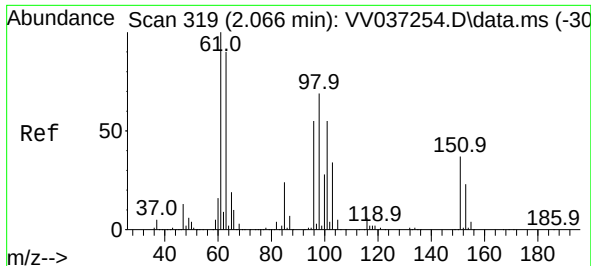
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 13 00:43:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 13 00:43:12 2024
Response via : Initial Calibration

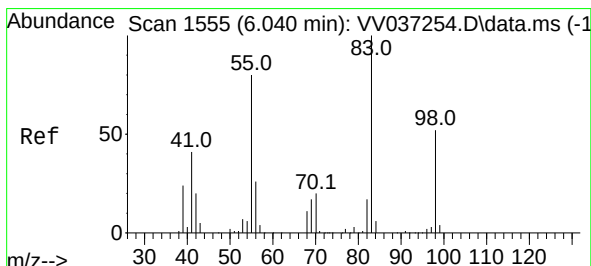
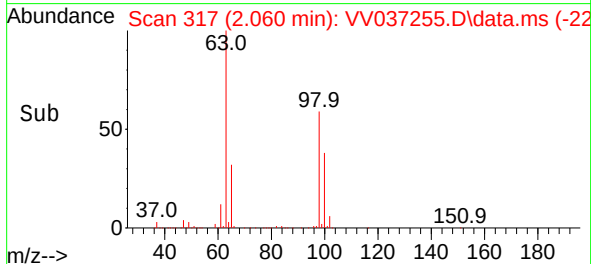
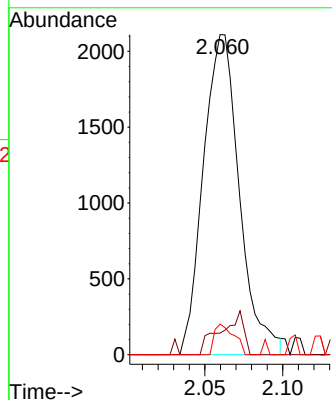
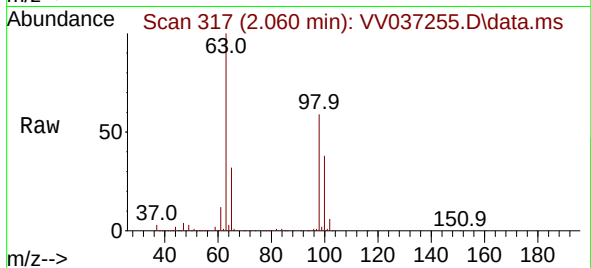




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.742 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV037255.D
Acq: 12 Sep 2024 09:23

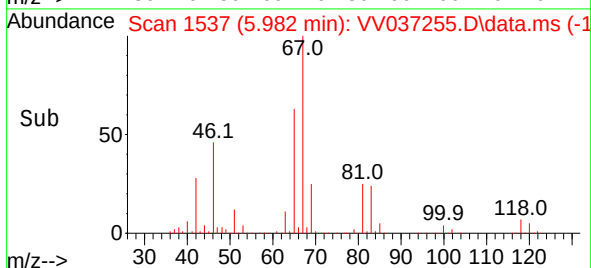
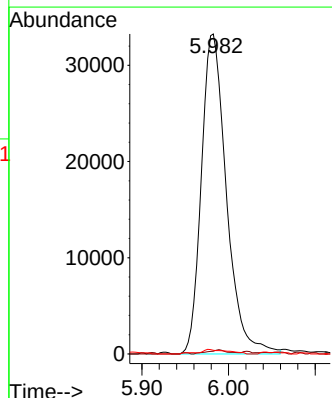
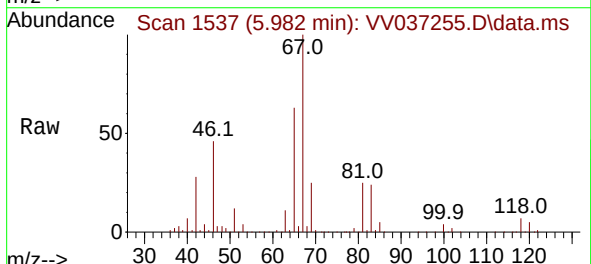
Instrument :
MSVOA_V
ClientSampleId :

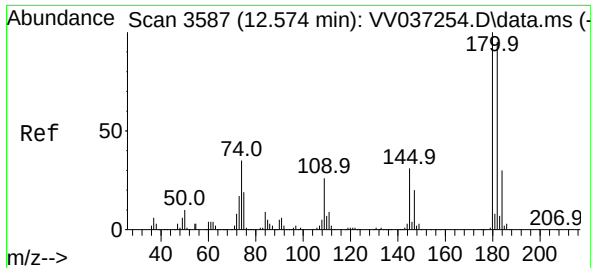
Tgt Ion:101 Resp: 3394
Ion Ratio Lower Upper
101 100
85 2.3 35.6 53.4#
151 5.2 55.0 82.4#



#35
Methylcyclohexane
Concen: 8.456 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV037255.D
Acq: 12 Sep 2024 09:23

Tgt Ion: 83 Resp: 66920
Ion Ratio Lower Upper
83 100
55 1.1 61.2 91.8#
98 1.4 39.3 58.9#





#69

1,3,5-Trichlorobenzene

Concen: 0.994 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.627 min

Lab File: VV037255.D

Acq: 12 Sep 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 6318

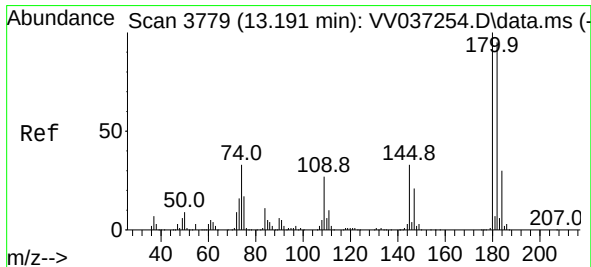
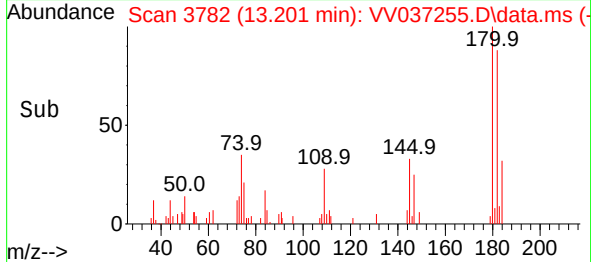
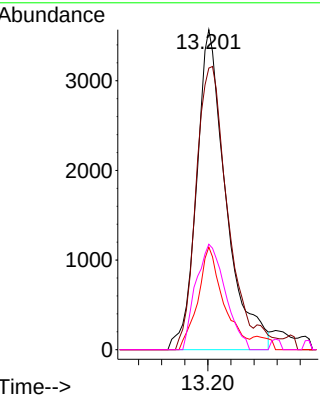
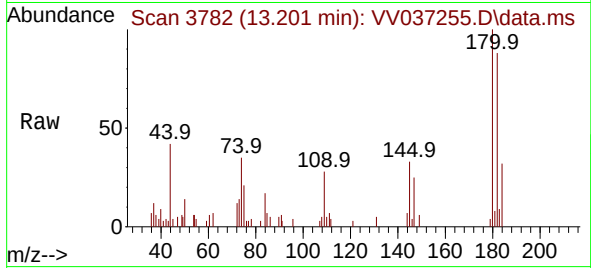
Ion Ratio Lower Upper

180 100

182 92.6 76.7 115.1

184 27.9 24.2 36.2

145 33.0 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 1.055 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV037255.D

Acq: 12 Sep 2024 09:23

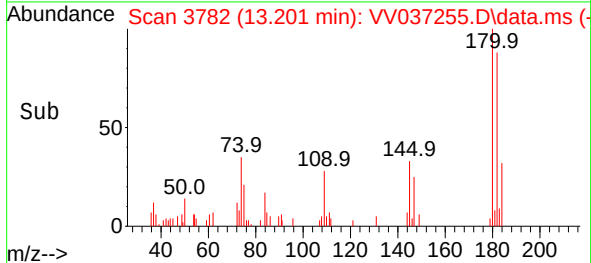
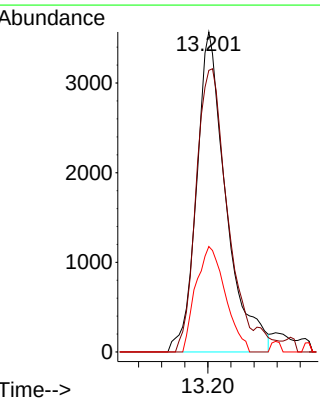
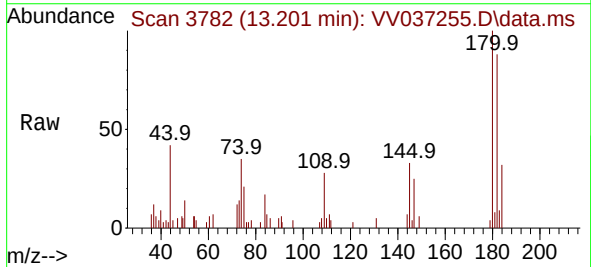
Tgt Ion:180 Resp: 6318

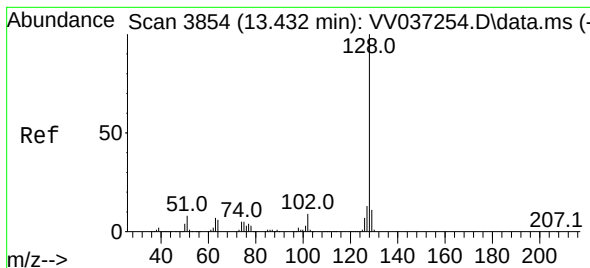
Ion Ratio Lower Upper

180 100

182 92.6 75.7 113.5

145 33.0 26.0 39.0





#71

Naphthalene

Concen: 3.159 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.006 min

Lab File: VV037255.D

Acq: 12 Sep 2024 09:23

Instrument :

MSVOA_V

ClientSampleId :

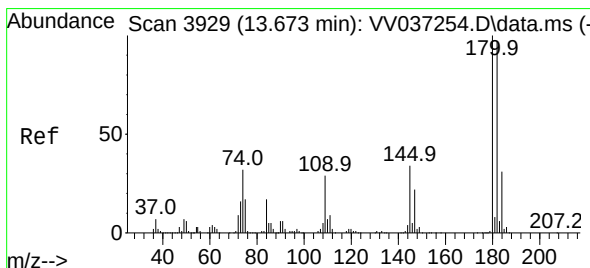
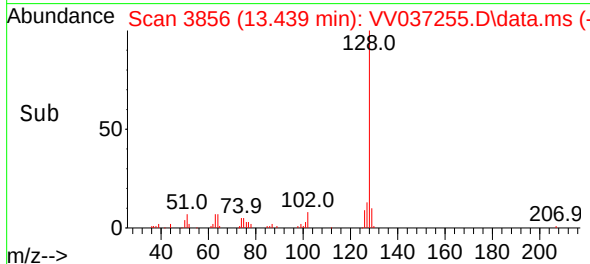
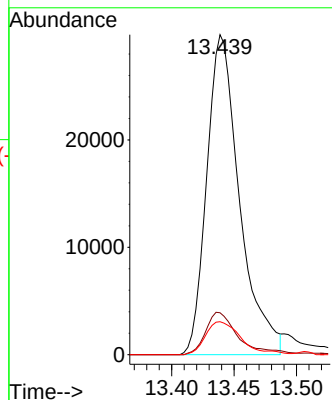
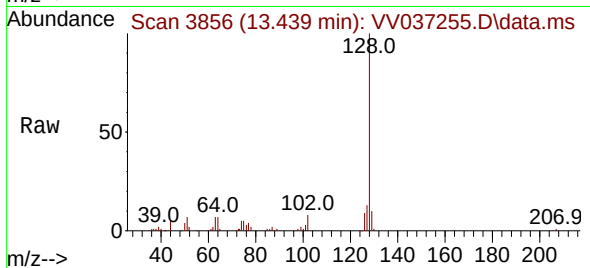
Tgt Ion:128 Resp: 54620

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 1.143 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.006 min

Lab File: VV037255.D

Acq: 12 Sep 2024 09:23

Tgt Ion:180 Resp: 6747

Ion Ratio Lower Upper

180 100

182 90.4 75.1 112.7

145 34.4 27.0 40.4

