

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110423\
 Data File : VV032838.D
 Acq On : 03 Nov 2023 09:27
 Operator : SY/MD
 Sample : VV1103MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 04 00:57:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 04 00:57:36 2023
 Response via : Initial Calibration

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

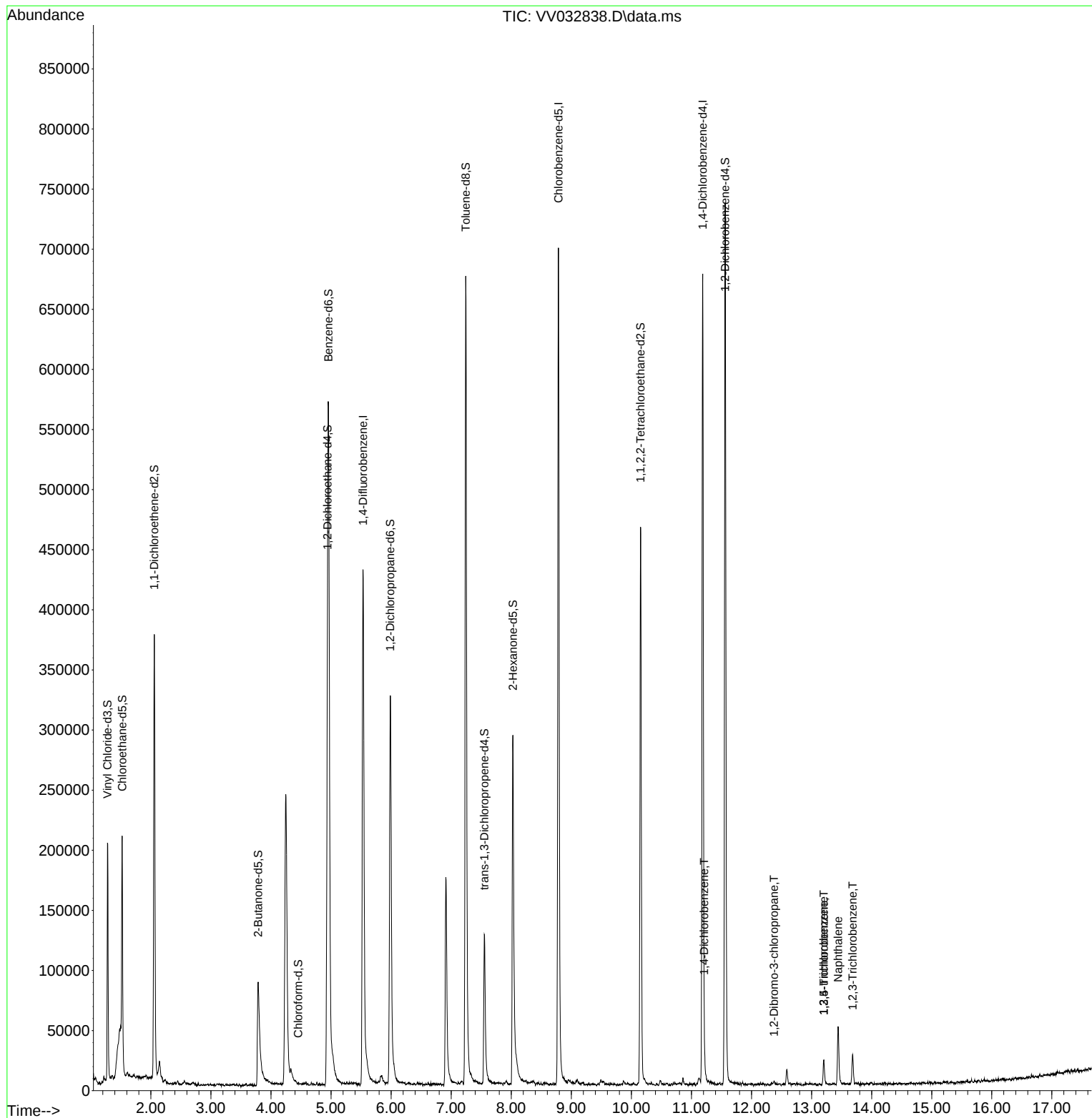
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	398058	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	384495	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	175743	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	133579	35.282	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.560%		
7) Chloroethane-d5	1.523	69	129054	40.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.520%		
11) 1,1-Dichloroethene-d2	2.056	65	61858	39.556	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.120%		
21) 2-Butanone-d5	3.786	46	134869	82.126	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.130%		
24) Chloroform-d	4.455	84	171	0.028	ug/L	0.21
Spiked Amount 50.000	Range 70 - 125		Recovery =	0.060%#		
26) 1,2-Dichloroethane-d4	4.940	65	166609	44.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.720%		
32) Benzene-d6	4.957	84	521044	52.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.420%		
36) 1,2-Dichloropropane-d6	5.985	67	160394	53.404	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.800%		
41) Toluene-d8	7.243	98	456059	46.851	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.700%		
43) trans-1,3-Dichloroprop...	7.551	79	76788	49.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.180%		
47) 2-Hexanone-d5	8.027	63	101087	92.194	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.190%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	213026	46.741	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.480%		
66) 1,2-Dichlorobenzene-d4	11.561	152	184354	54.435	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.880%		
Target Compounds						Qvalue
65) 1,4-Dichlorobenzene	11.214	146	3755	0.641	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.374	75	1029	1.347	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.204	180	5749	1.434	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	5749	1.658	ug/L	97
71) Naphthalene	13.442	128	40818	4.715	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	6977	2.016	ug/L	94

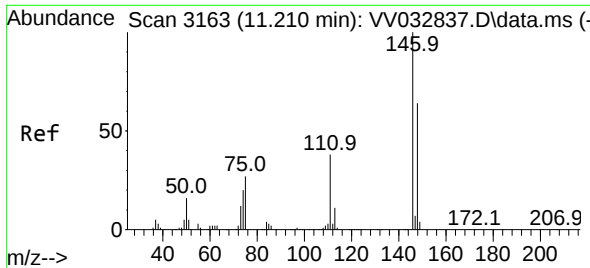
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

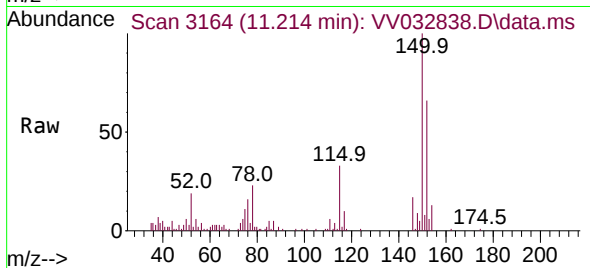
Quant Time: Nov 04 00:57:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 04 00:57:36 2023
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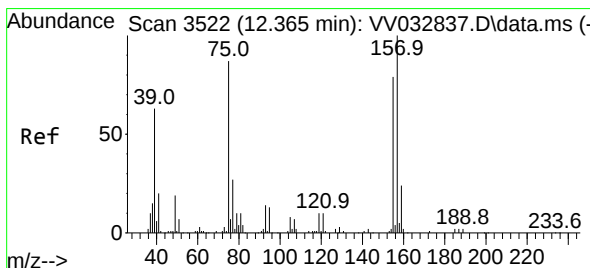
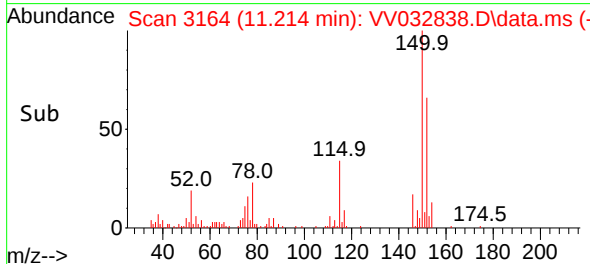
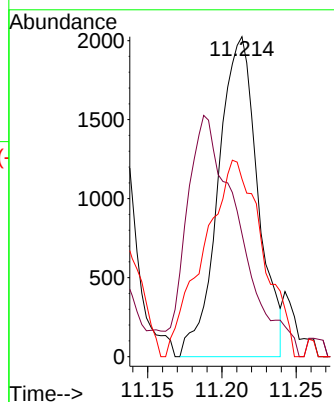


#65
1,4-Dichlorobenzene
Concen: 0.641 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032838.D
Acq: 03 Nov 2023 09:27

Instrument :
MSVOA_V
ClientSampleId :

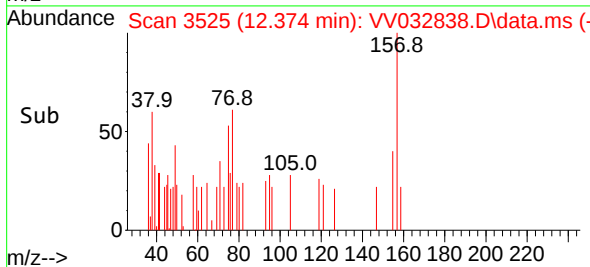
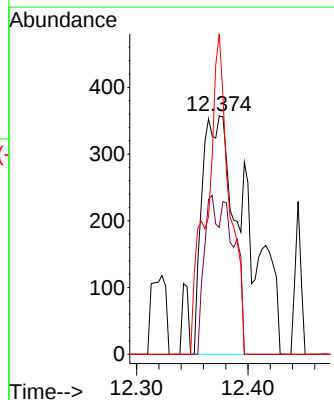
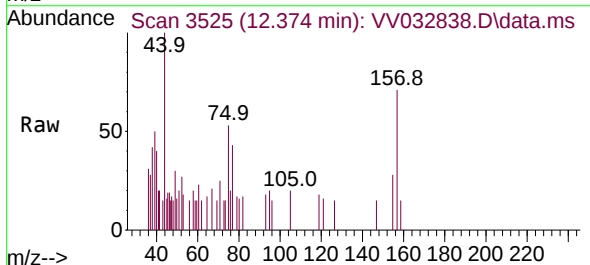


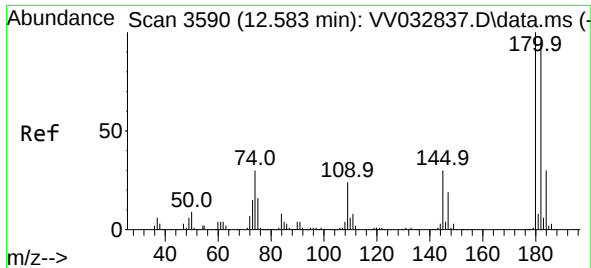
Tgt Ion:146 Resp: 3755
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.1
148 55.6 44.9 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 1.347 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.010 min
Lab File: VV032838.D
Acq: 03 Nov 2023 09:27

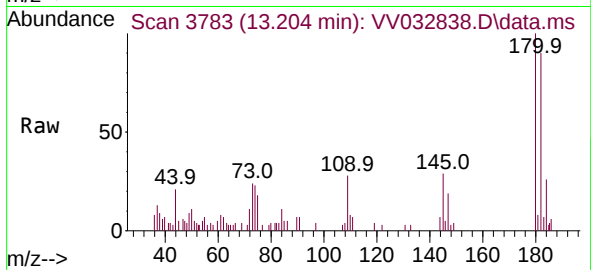
Tgt Ion: 75 Resp: 1029
Ion Ratio Lower Upper
75 100
155 53.2 68.6 102.8#
157 134.5 87.3 130.9#





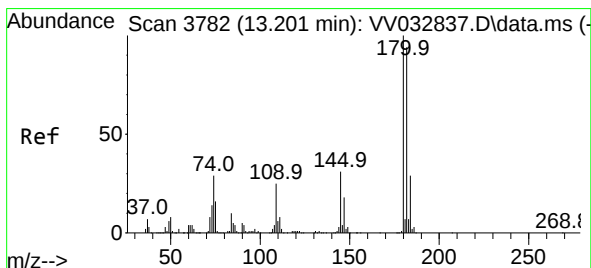
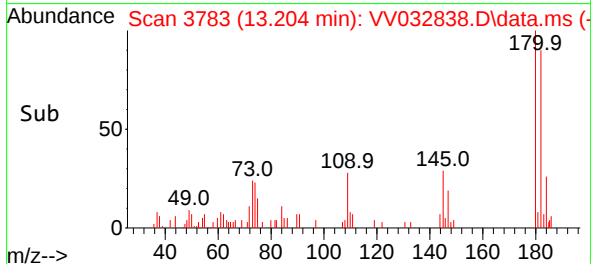
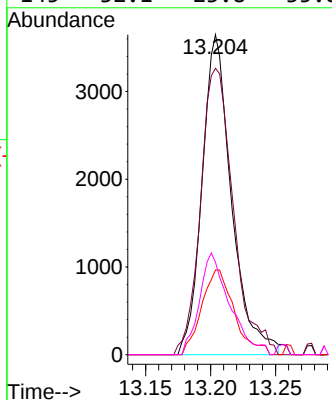
#69
 1,3,5-Trichlorobenzene
 Concen: 1.434 ug/L
 RT: 13.204 min Scan# 31
 Delta R.T. 0.621 min
 Lab File: VV032838.D
 Acq: 03 Nov 2023 09:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 5749

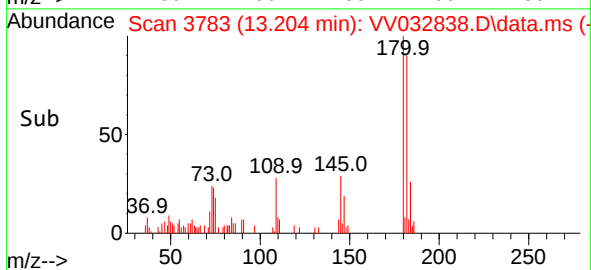
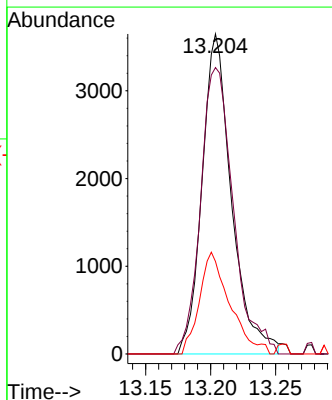
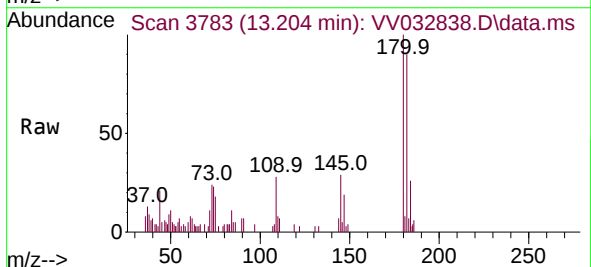
Ion	Ratio	Lower	Upper
180	100		
182	99.6	75.9	113.9
184	29.0	23.5	35.3
145	32.1	23.8	35.8

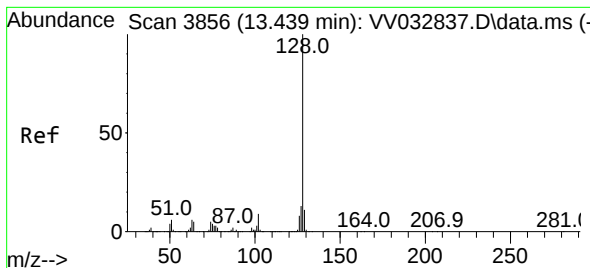


#70
 1,2,4-trichlorobenzene
 Concen: 1.658 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.003 min
 Lab File: VV032838.D
 Acq: 03 Nov 2023 09:27

Tgt Ion:180 Resp: 5749

Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.9	115.3
145	32.1	24.7	37.1





#71

Naphthalene

Concen: 4.715 ug/L

RT: 13.442 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV032838.D

Acq: 03 Nov 2023 09:27

Instrument :

MSVOA_V

ClientSampleId :

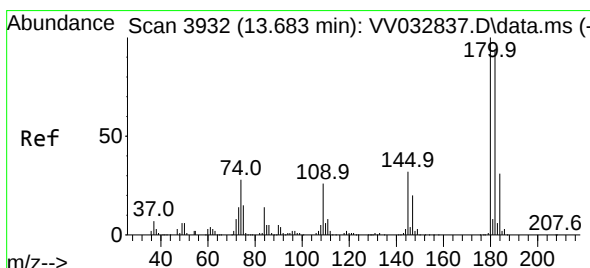
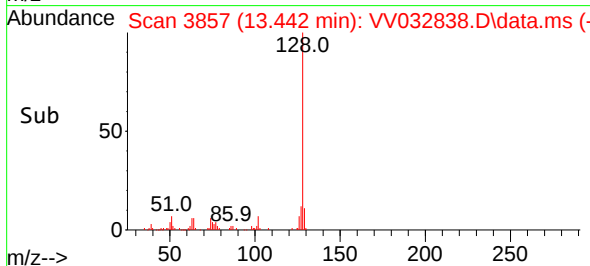
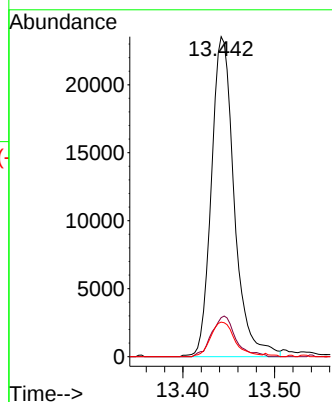
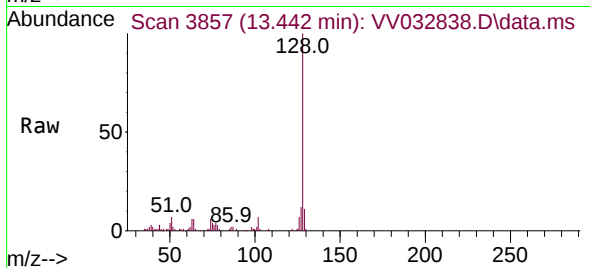
Tgt Ion:128 Resp: 40818

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 11.5 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 2.016 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032838.D

Acq: 03 Nov 2023 09:27

Tgt Ion:180 Resp: 6977

Ion Ratio Lower Upper

180 100

182 100.5 76.2 114.4

145 36.6 25.8 38.8

