

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121823\
 Data File : VW033461.D
 Acq On : 18 Dec 2023 16:39
 Operator : SY/MD
 Sample : 05807-13 50X
 Misc : 1.26g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 19 01:14:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

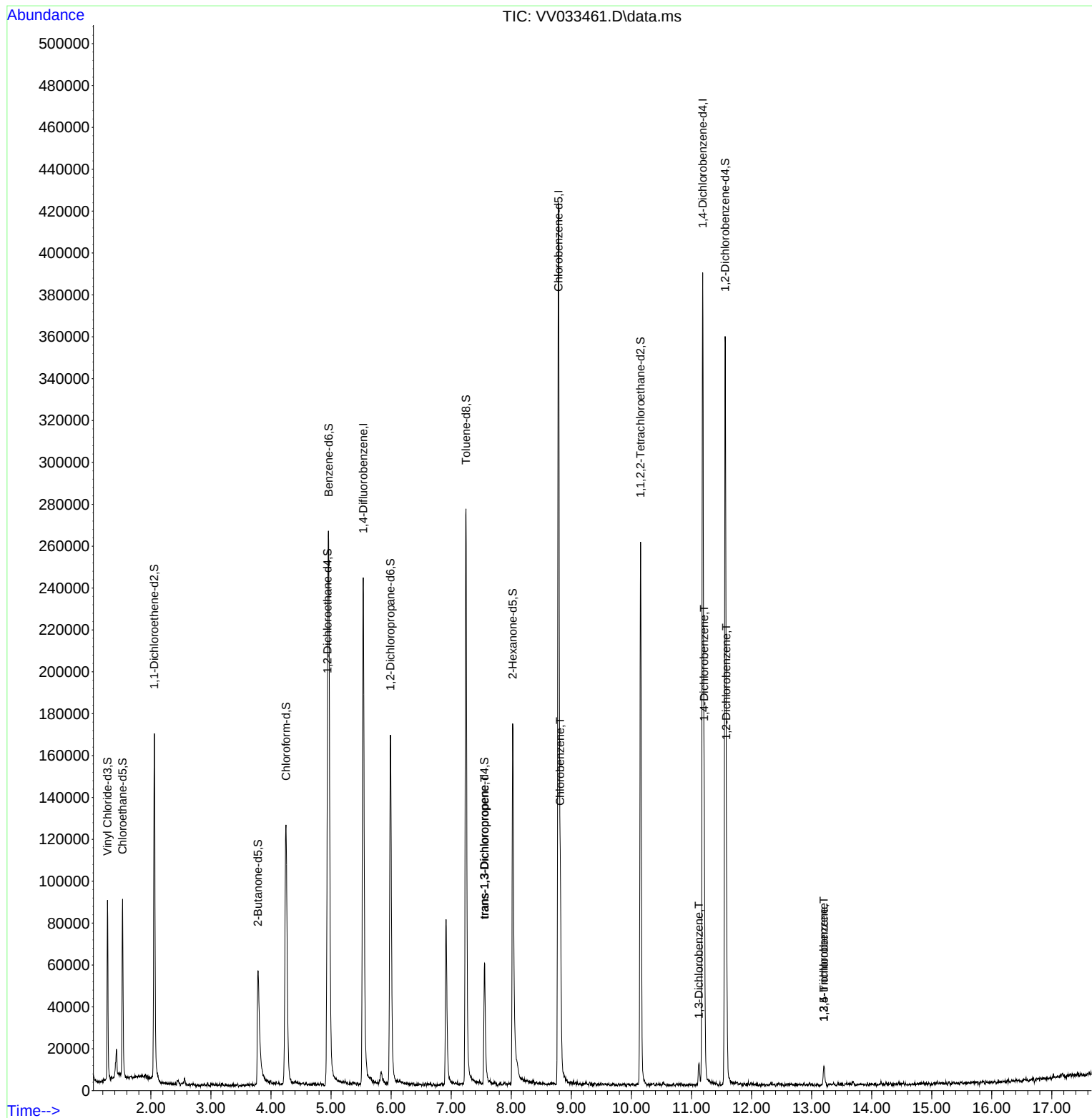
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	208906	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	221322	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	93644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52919	32.894	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.780%		
7) Chloroethane-d5	1.529	69	54926	38.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.080%		
11) 1,1-Dichloroethene-d2	2.056	65	28550	35.650	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.300%		
21) 2-Butanone-d5	3.783	46	84236	103.892	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.890%		
24) Chloroform-d	4.249	84	132359	41.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.180%		
26) 1,2-Dichloroethane-d4	4.941	65	86425	44.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
32) Benzene-d6	4.960	84	225845	37.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.780%		
36) 1,2-Dichloropropane-d6	5.989	67	76398	42.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.460%		
41) Toluene-d8	7.246	98	181472	33.271	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	66.540%#		
43) trans-1,3-Dichloroprop...	7.555	79	32654	36.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.660%		
47) 2-Hexanone-d5	8.024	63	54779	90.023	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.020%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	117527	45.199	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.400%		
66) 1,2-Dichlorobenzene-d4	11.561	152	81889	46.535	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.080%		
Target Compounds						Qvalue
44) trans-1,3-Dichloropropene	7.558	75	1788	0.766	ug/L	91
51) Chlorobenzene	8.815	112	50266	11.155	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	3877	1.403	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	47769	16.059	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	26596	9.245	ug/L	99
69) 1,3,5-Trichlorobenzene	13.204	180	2675	1.400	ug/L	94
70) 1,2,4-trichlorobenzene	13.204	180	2675	1.601	ug/L	94

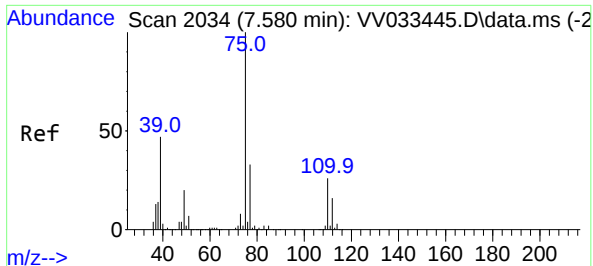
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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Quant Time: Dec 19 01:14:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration

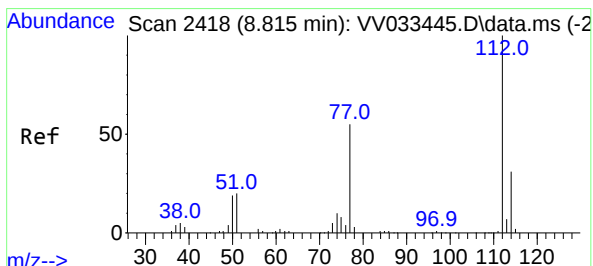
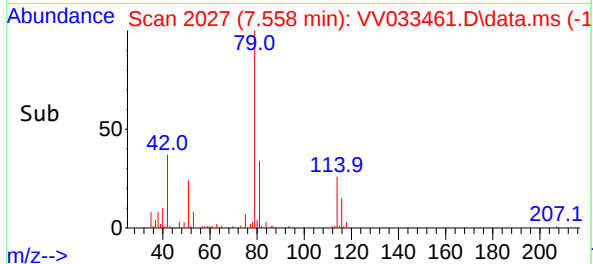
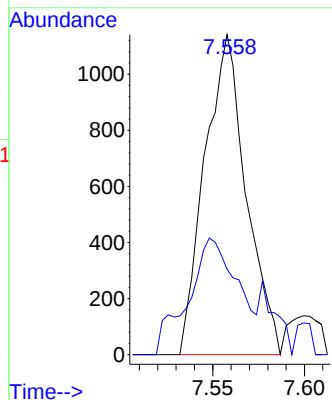
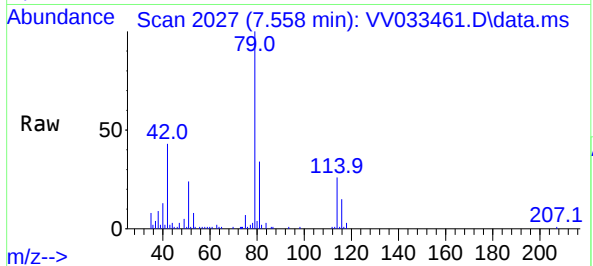




#44
trans-1,3-Dichloropropene
Concen: 0.766 ug/L
RT: 7.558 min Scan# 2034
Delta R.T. -0.022 min
Lab File: VV033461.D
Acq: 18 Dec 2023 16:39

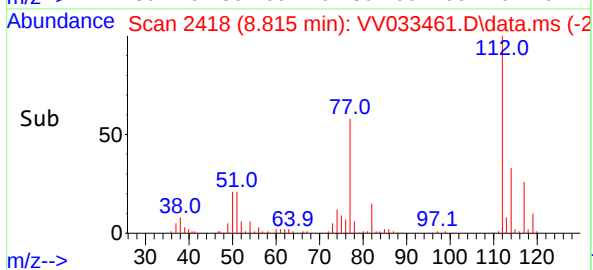
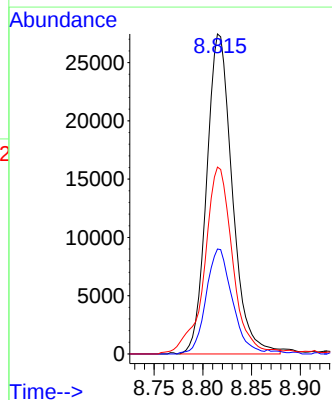
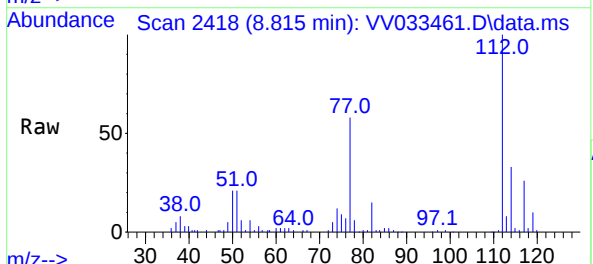
Instrument :
MSVOA_V
ClientSampleId :

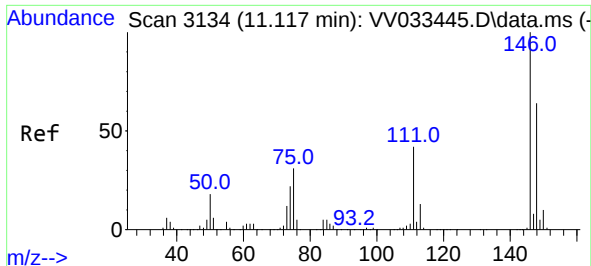
Tgt Ion: 75 Resp: 1788
Ion Ratio Lower Upper
75 100
77 26.7 22.4 41.6



#51
Chlorobenzene
Concen: 11.155 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033461.D
Acq: 18 Dec 2023 16:39

Tgt Ion: 112 Resp: 50266
Ion Ratio Lower Upper
112 100
114 32.8 22.5 41.7
77 58.4 45.2 67.8





#64

1,3-Dichlorobenzene

Concen: 1.403 ug/L

RT: 11.127 min Scan# 3134

Delta R.T. 0.010 min

Lab File: VV033461.D

Acq: 18 Dec 2023 16:39

Instrument :

MSVOA_V

ClientSampleId :

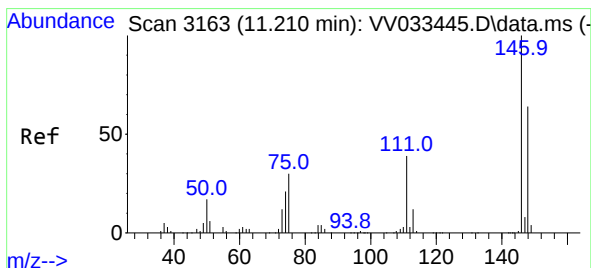
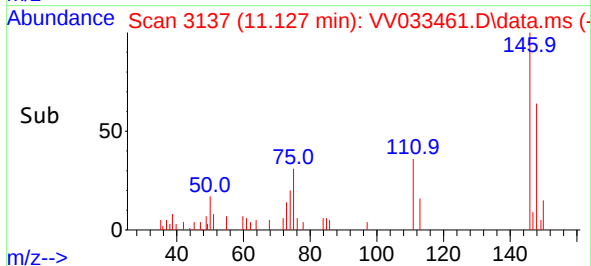
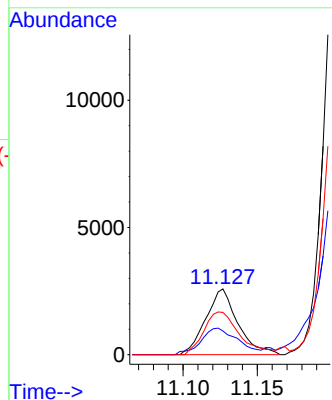
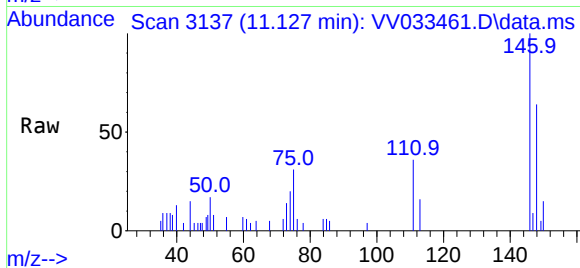
Tgt Ion:146 Resp: 3877

Ion Ratio Lower Upper

146 100

111 36.1 29.3 54.5

148 64.3 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 16.059 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033461.D

Acq: 18 Dec 2023 16:39

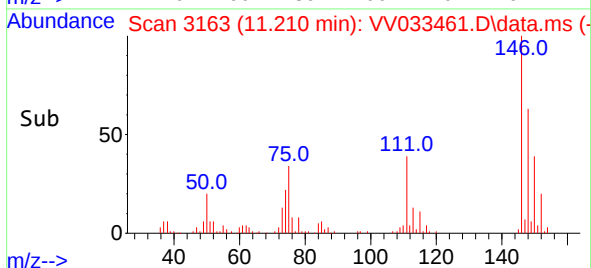
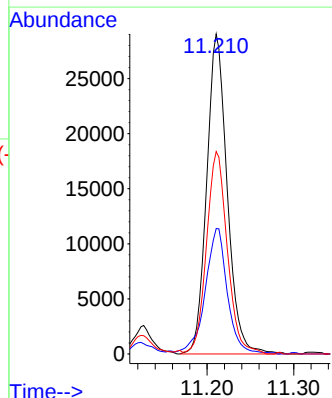
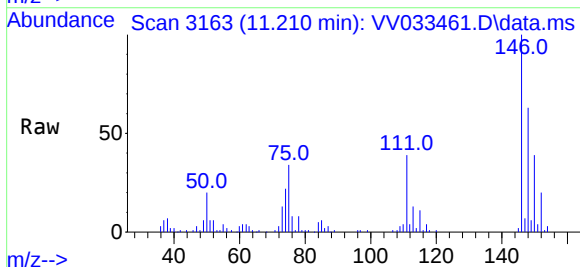
Tgt Ion:146 Resp: 47769

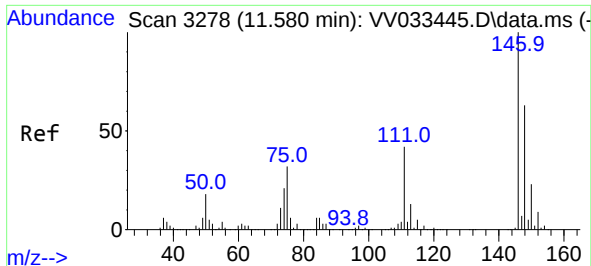
Ion Ratio Lower Upper

146 100

111 39.2 27.9 51.7

148 63.3 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 9.245 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033461.D

Acq: 18 Dec 2023 16:39

Instrument :

MSVOA_V

ClientSampleId :

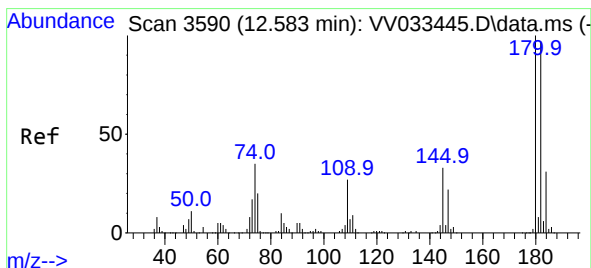
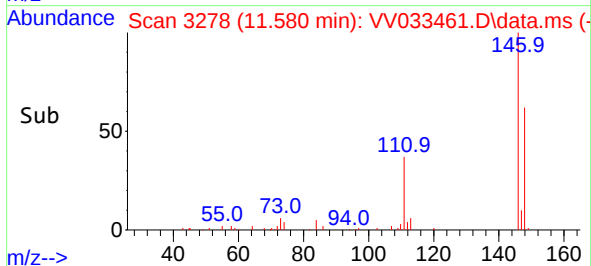
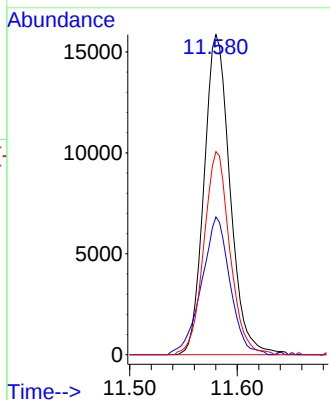
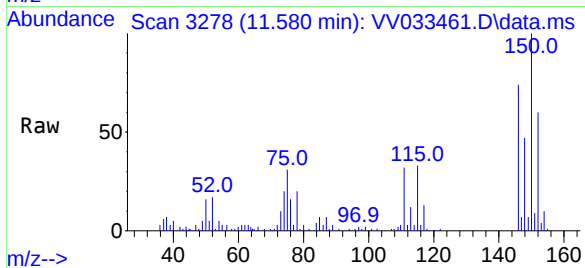
Tgt Ion:146 Resp: 26596

Ion Ratio Lower Upper

146 100

111 43.0 33.5 50.3

148 63.4 51.1 76.7



#69

1,3,5-Trichlorobenzene

Concen: 1.400 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.621 min

Lab File: VV033461.D

Acq: 18 Dec 2023 16:39

Tgt Ion:180 Resp: 2675

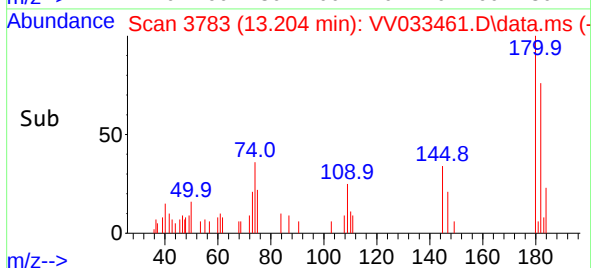
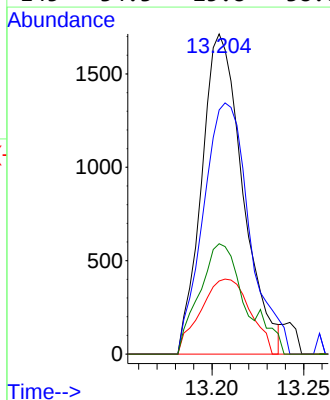
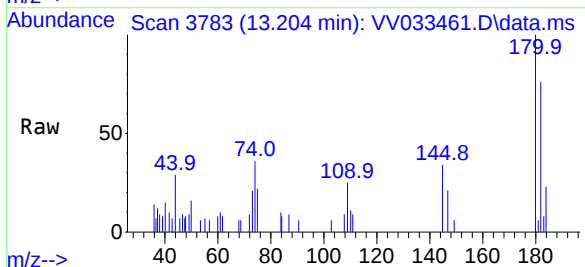
Ion Ratio Lower Upper

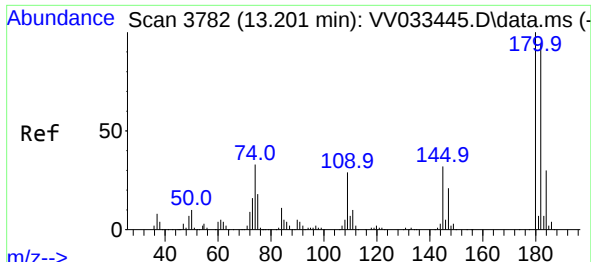
180 100

182 88.2 76.2 114.4

184 28.1 24.4 36.6

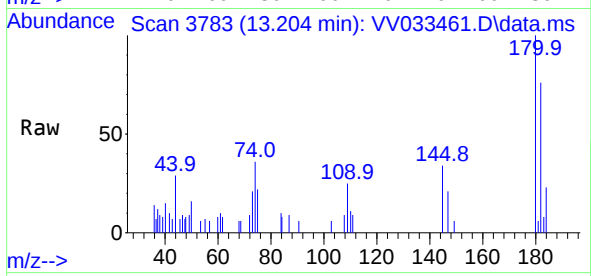
145 34.3 25.8 38.6





#70
1,2,4-trichlorobenzene
Concen: 1.601 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV033461.D
Acq: 18 Dec 2023 16:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	180	Resp:	2675
Ion	Ratio	Lower	Upper
180	100		
182	88.2	76.1	114.1
145	34.3	25.6	38.4

