

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121823\
 Data File : VW033466.D
 Acq On : 18 Dec 2023 19:00
 Operator : SY/MD
 Sample : 05807-08DL 100X
 Misc : 1.94g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 19 01:15:29 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)

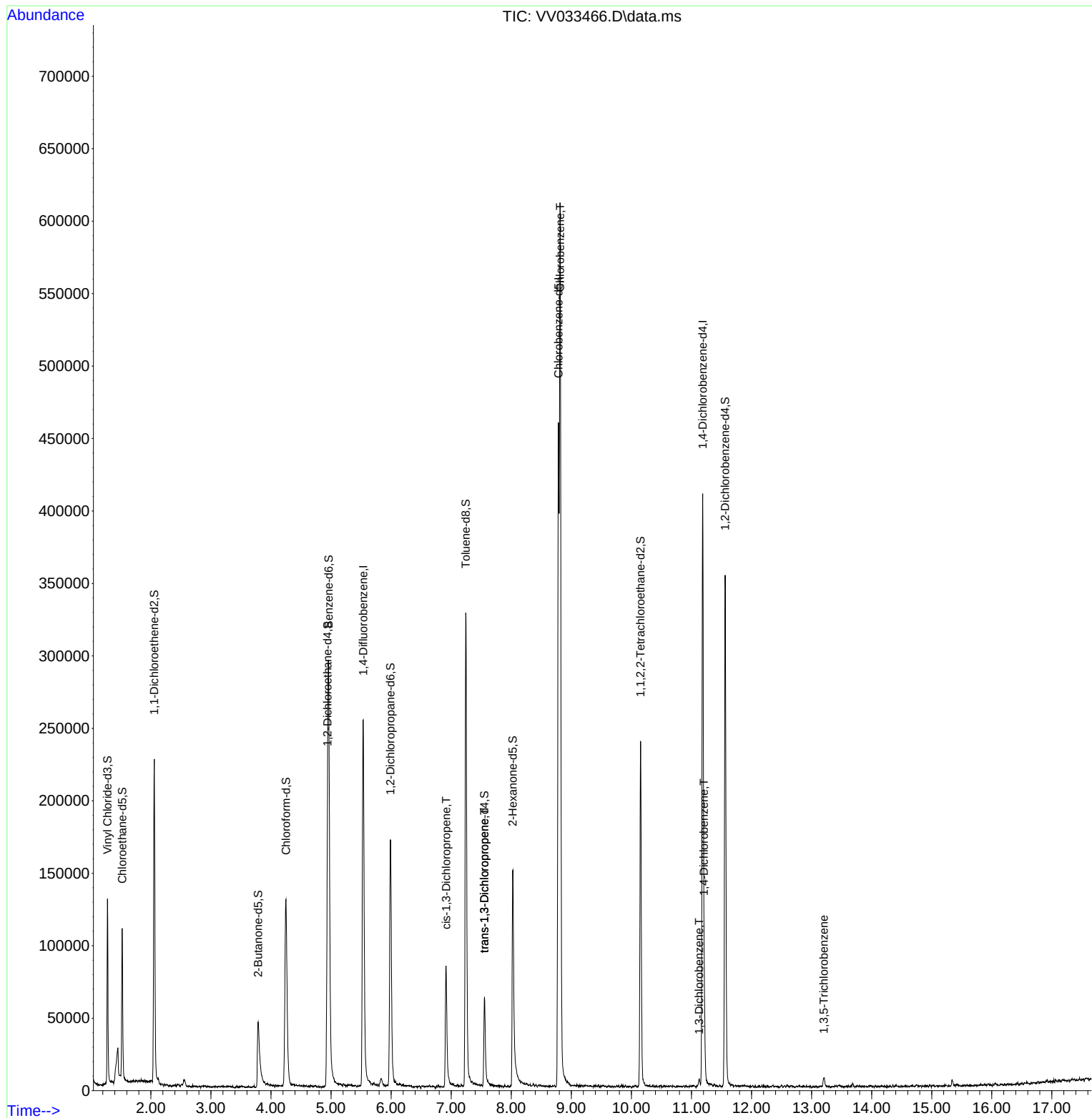
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	218843	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	227996	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	96878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80133	47.549	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.100%		
7) Chloroethane-d5	1.523	69	67925	44.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.820%		
11) 1,1-Dichloroethene-d2	2.056	65	36634	43.668	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.340%		
21) 2-Butanone-d5	3.786	46	68255	80.360	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.360%		
24) Chloroform-d	4.249	84	135055	40.513	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.020%		
26) 1,2-Dichloroethane-d4	4.941	65	90197	44.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.080%		
32) Benzene-d6	4.960	84	258468	42.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.180%		
36) 1,2-Dichloropropane-d6	5.989	67	78599	42.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.340%		
41) Toluene-d8	7.243	98	213600	38.015	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.040%#		
43) trans-1,3-Dichloroprop...	7.555	79	33239	36.392	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.780%		
47) 2-Hexanone-d5	8.024	63	47628	75.980	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.980%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	107152	40.003	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	86424	47.473	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.940%		
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	6.918	75	2463	1.027	ug/L #	60
44) trans-1,3-Dichloropropene	7.555	75	1849	0.769	ug/L #	76
51) Chlorobenzene	8.815	112	313584	67.556	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	1773	0.620	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	26825	8.717	ug/L	98
69) 1,3,5-Trichlorobenzene	13.204	180	1960	0.991	ug/L	88

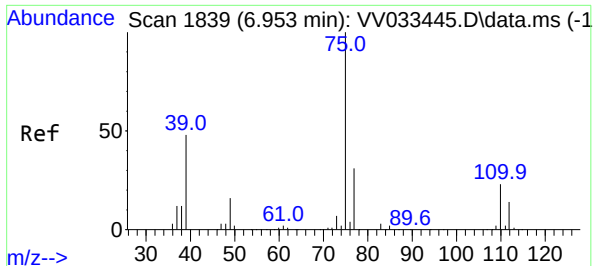
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.027 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033466.D

Acq: 18 Dec 2023 19:00

Instrument :

MSVOA_V

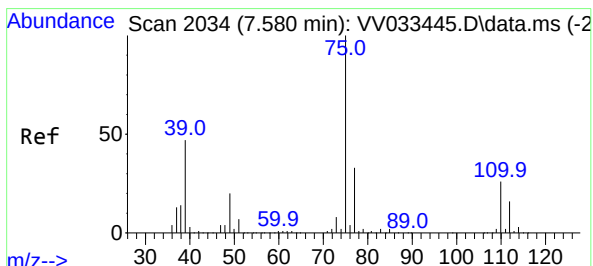
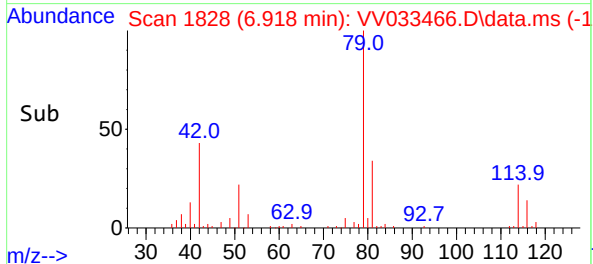
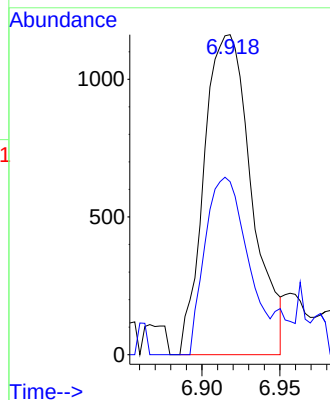
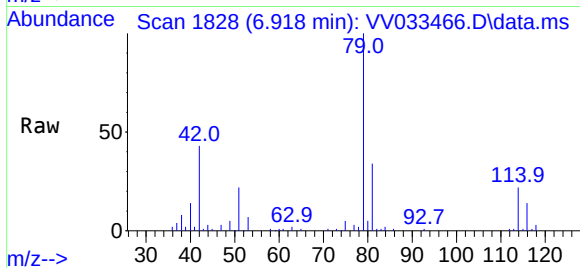
ClientSampleId :

Tgt Ion: 75 Resp: 2463

Ion Ratio Lower Upper

75 100

77 54.0 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.769 ug/L

RT: 7.555 min Scan# 2026

Delta R.T. -0.026 min

Lab File: VV033466.D

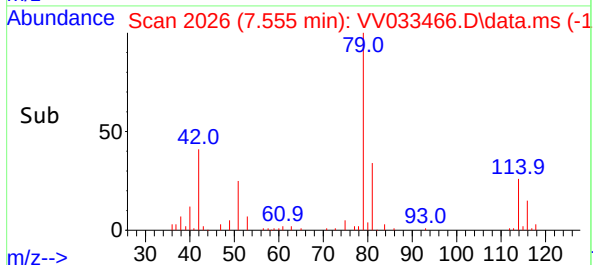
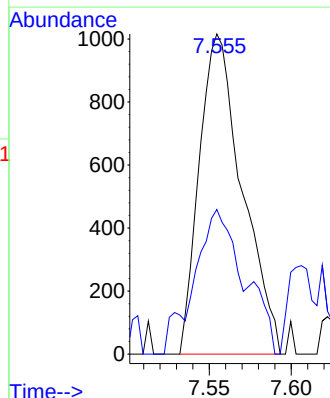
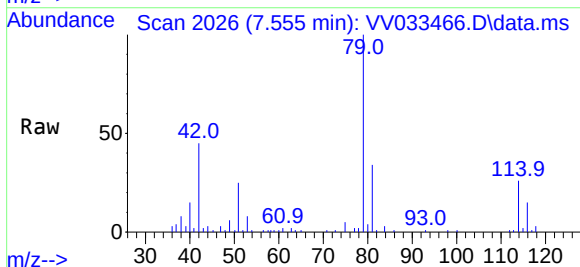
Acq: 18 Dec 2023 19:00

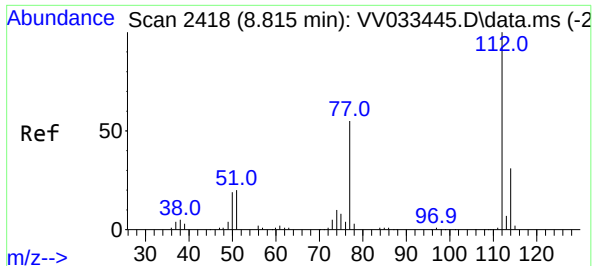
Tgt Ion: 75 Resp: 1849

Ion Ratio Lower Upper

75 100

77 45.2 22.4 41.6#





#51

Chlorobenzene

Concen: 67.556 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV033466.D

Acq: 18 Dec 2023 19:00

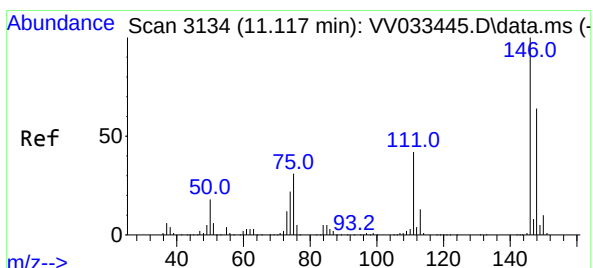
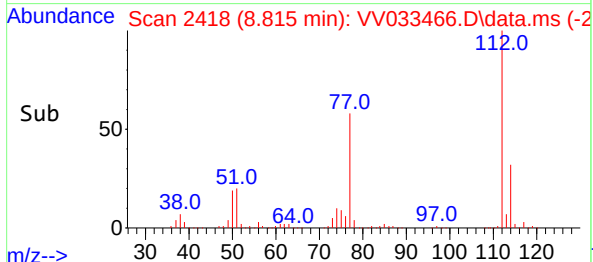
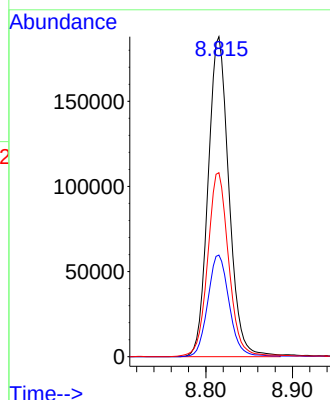
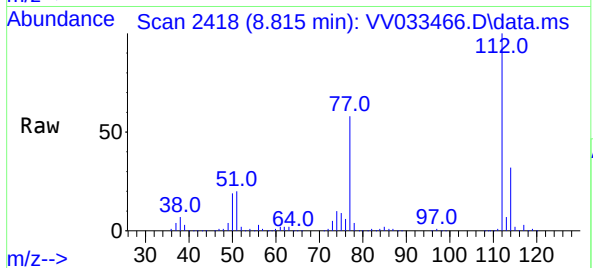
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112 Resp: 313584

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	57.5	45.2	67.8



#64

1,3-Dichlorobenzene

Concen: 0.620 ug/L

RT: 11.127 min Scan# 3137

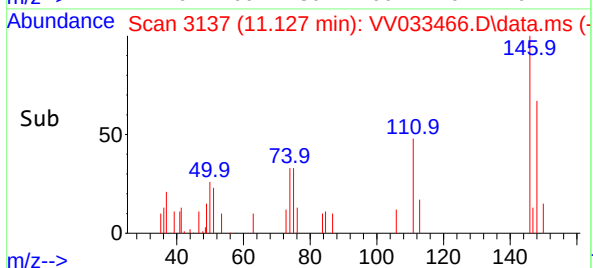
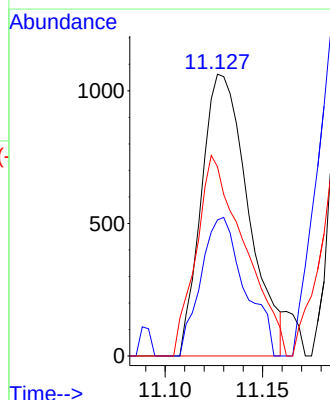
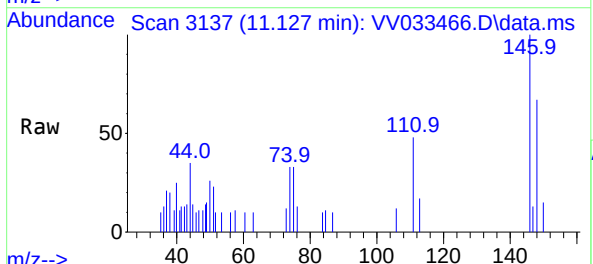
Delta R.T. 0.010 min

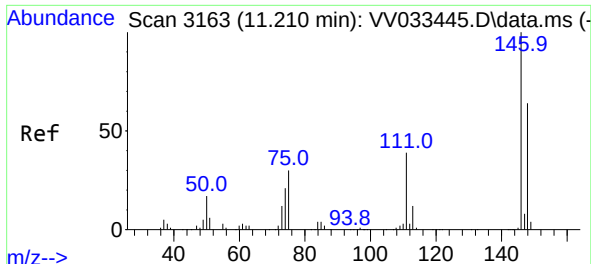
Lab File: VV033466.D

Acq: 18 Dec 2023 19:00

Tgt Ion:146 Resp: 1773

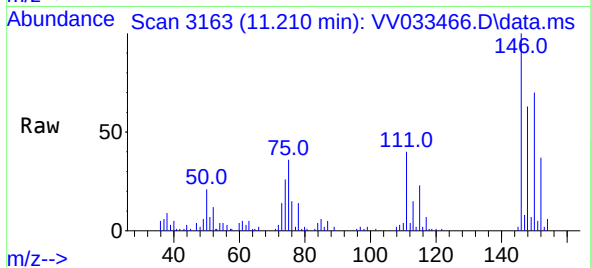
Ion	Ratio	Lower	Upper
146	100		
111	48.3	29.3	54.5
148	67.2	45.4	84.4



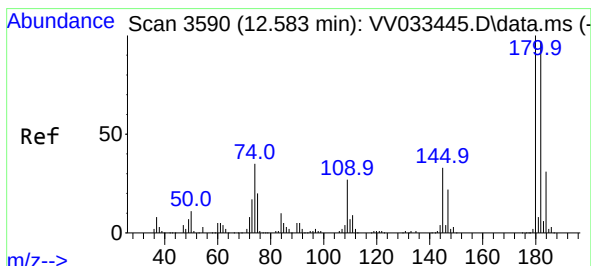
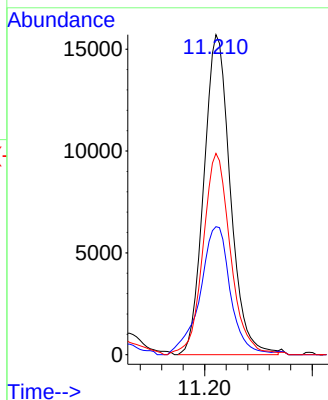
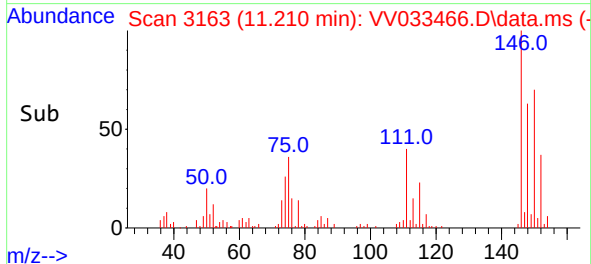


#65
1,4-Dichlorobenzene
Concen: 8.717 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033466.D
Acq: 18 Dec 2023 19:00

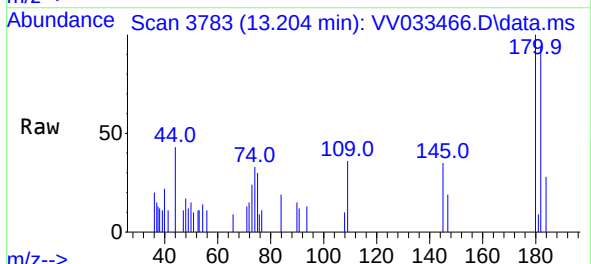
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:146 Resp: 26825
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.7
148 62.9 45.5 84.5



#69
1,3,5-Trichlorobenzene
Concen: 0.991 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.621 min
Lab File: VV033466.D
Acq: 18 Dec 2023 19:00



Tgt Ion:180 Resp: 1960
Ion Ratio Lower Upper
180 100
182 110.4 76.2 114.4
184 26.2 24.4 36.6
145 30.2 25.8 38.6

