

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035284.D
 Acq On : 18 Apr 2024 15:38
 Operator : SY/MD
 Sample : P2158-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD4

Quant Time: Apr 19 01:43:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

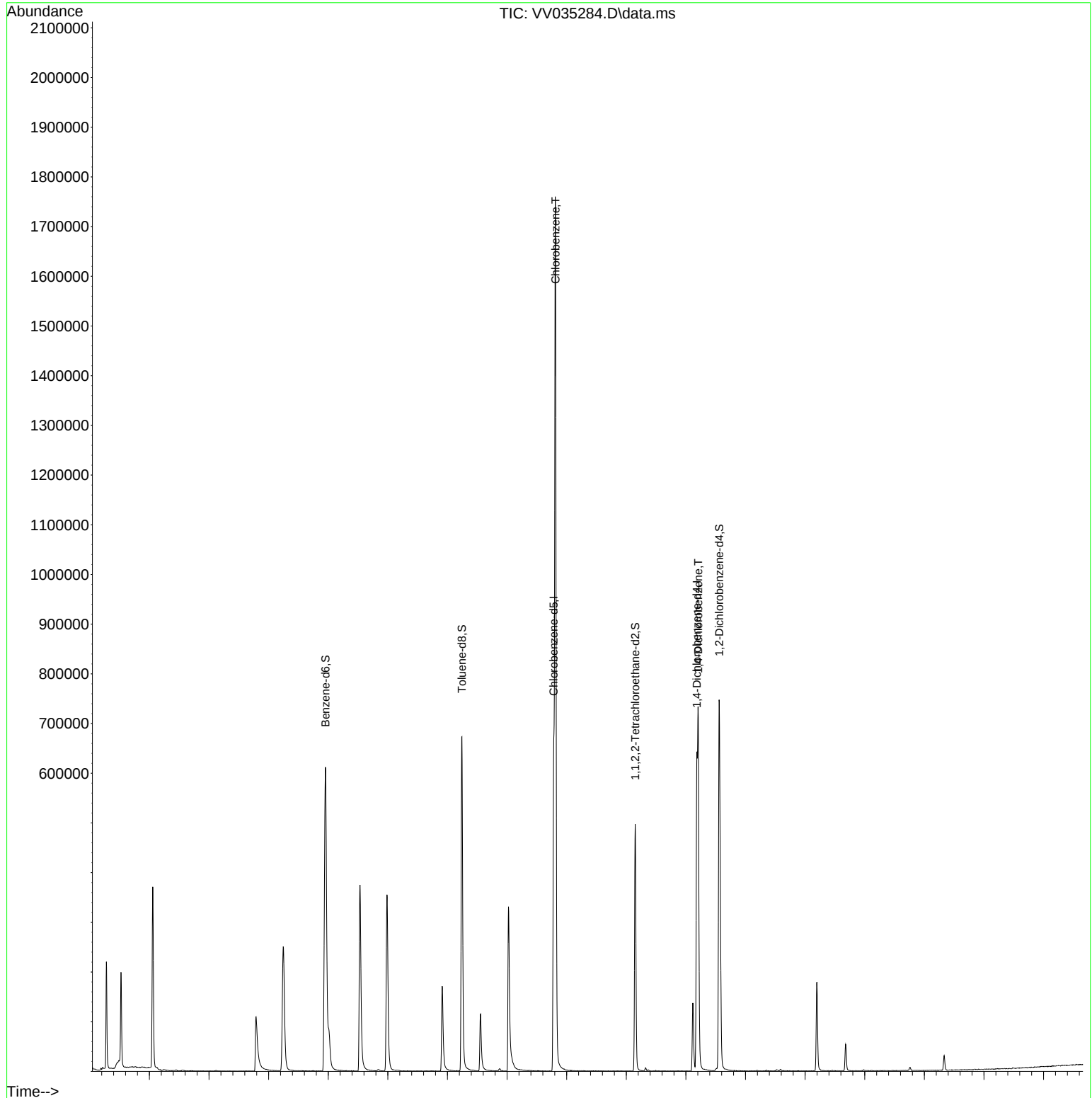
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332682	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	322203	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149177	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143430	44.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.280%		
7) Chloroethane-d5	1.526	69	124947	44.774	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.540%		
11) 1,1-Dichloroethene-d2	2.056	65	63737	45.256	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.520%		
21) 2-Butanone-d5	3.789	46	187447	98.372	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.370%		
24) Chloroform-d	4.246	84	276823	51.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.500%		
26) 1,2-Dichloroethane-d4	4.937	65	178333	51.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.000%		
32) Benzene-d6	4.956	84	549780	50.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.600%		
36) 1,2-Dichloropropane-d6	5.985	67	181879	52.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.840%		
41) Toluene-d8	7.243	98	469075	48.125	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.260%		
43) trans-1,3-Dichloroprop...	7.554	79	71712	42.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.840%		
47) 2-Hexanone-d5	8.024	63	119064	91.630	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.630%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	248537	52.514	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.020%		
66) 1,2-Dichlorobenzene-d4	11.558	152	179246	53.517	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.040%		
Target Compounds						
					Qvalue	
33) Benzene	5.011	78	79692	7.585	ug/L	100
51) Chlorobenzene	8.812	112	931596	130.675	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	58096	11.560	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	275426	53.891	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	110618	22.095	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	58727	17.651	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	17698	5.396	ug/L	96

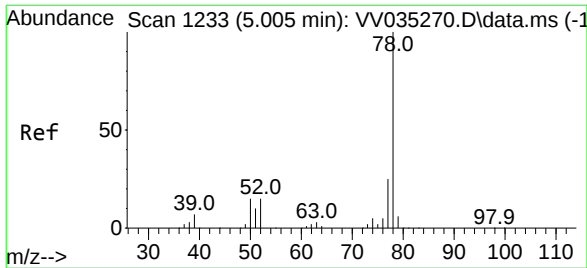
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 7.585 ug/L

RT: 5.011 min Scan# 12

Delta R.T. 0.006 min

Lab File: VV035284.D

Acq: 18 Apr 2024 15:38

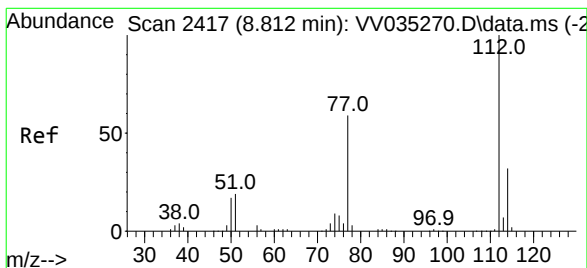
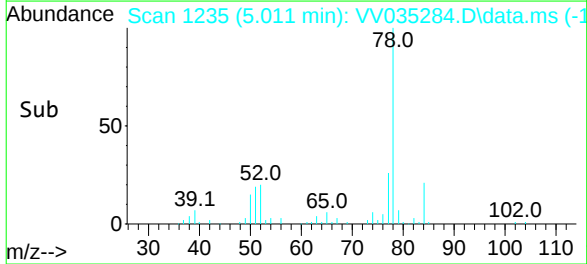
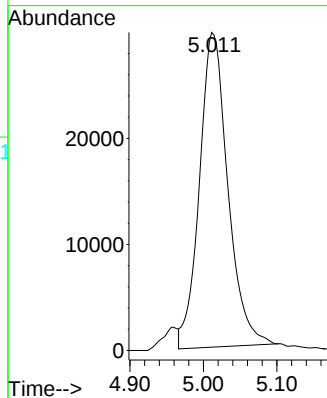
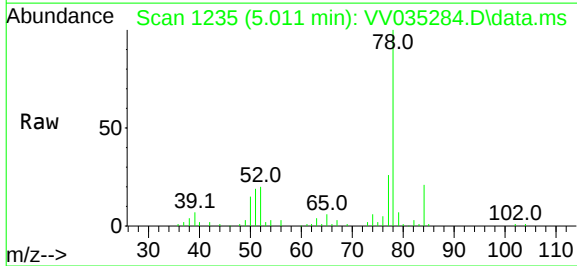
Instrument :

MSVOA_V

ClientSampleId :

MC0RD4

Tgt Ion: 78 Resp: 79692



#51

Chlorobenzene

Concen: 130.675 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035284.D

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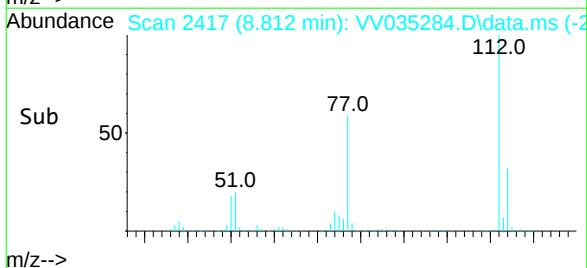
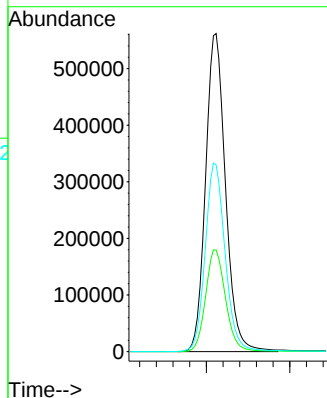
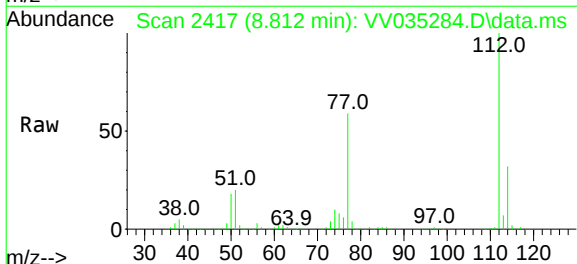
Tgt Ion:112 Resp: 931596

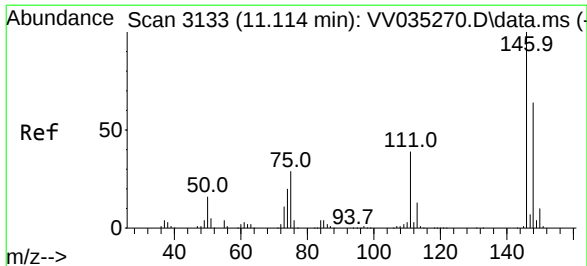
Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 58.7 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 11.560 ug/L

RT: 11.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035284.D

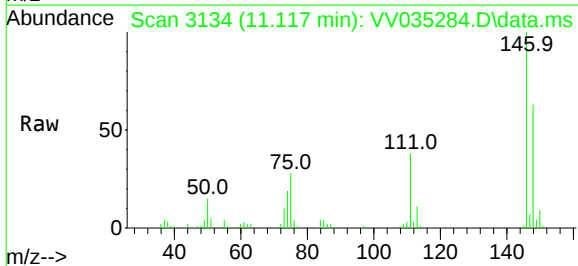
Acq: 18 Apr 2024 15:38

Instrument :

MSVOA_V

ClientSampleId :

MC0RD4



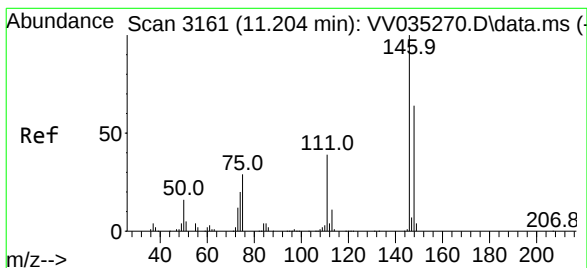
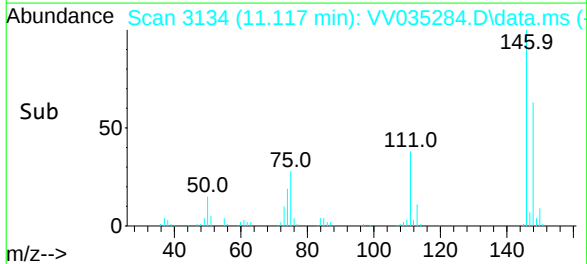
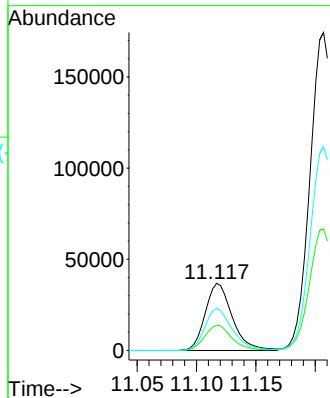
Tgt Ion:146 Resp: 58096

Ion Ratio Lower Upper

146 100

111 37.8 28.7 53.3

148 62.7 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 53.891 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035284.D

Acq: 18 Apr 2024 15:38

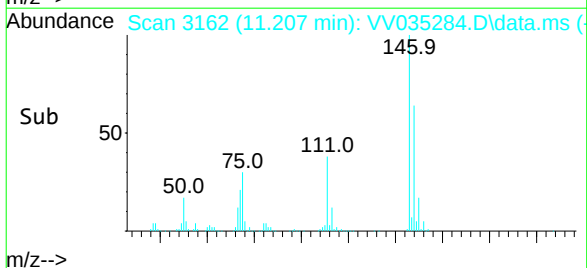
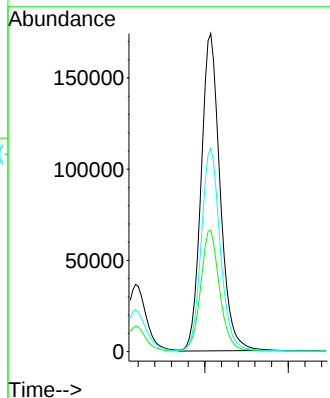
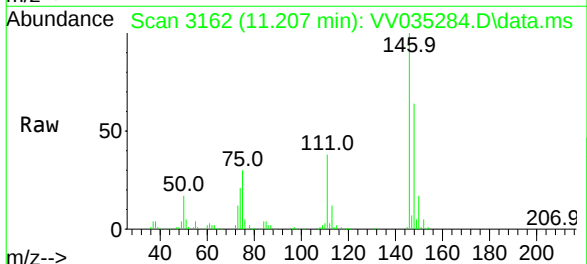
Tgt Ion:146 Resp: 275426

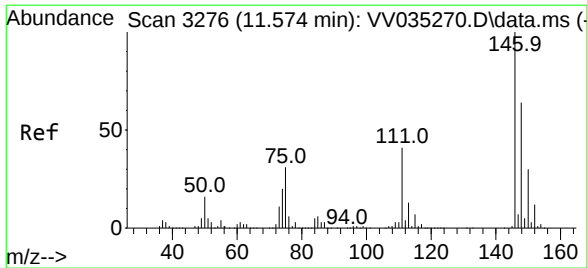
Ion Ratio Lower Upper

146 100

111 38.2 27.4 50.8

148 64.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 22.095 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035284.D

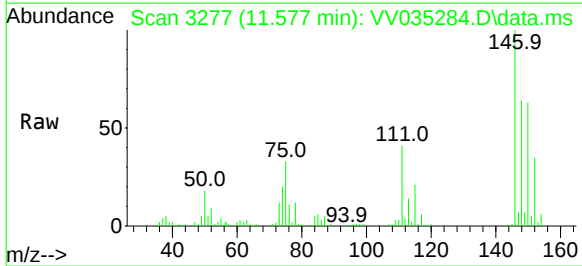
Acq: 18 Apr 2024 15:38

Instrument :

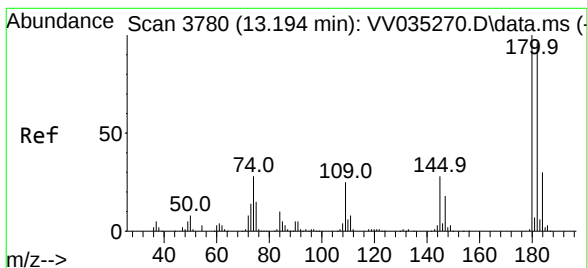
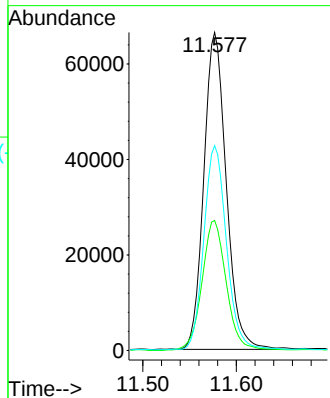
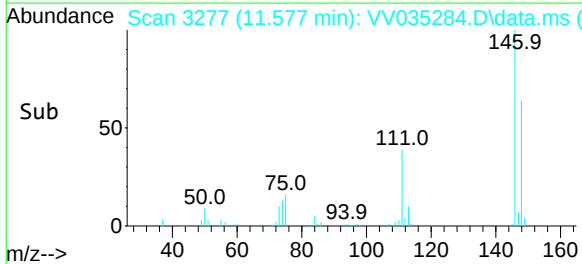
MSVOA_V

ClientSampleId :

MC0RD4



Tgt Ion:	146	Resp:	110618
Ion	Ratio	Lower	Upper
146	100		
111	40.9	34.6	52.0
148	64.4	51.5	77.3



#70

1,2,4-trichlorobenzene

Concen: 17.651 ug/L

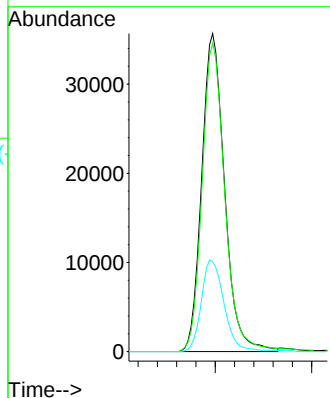
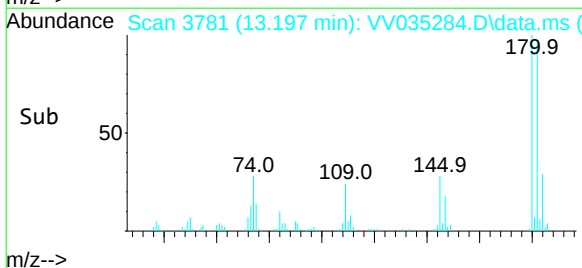
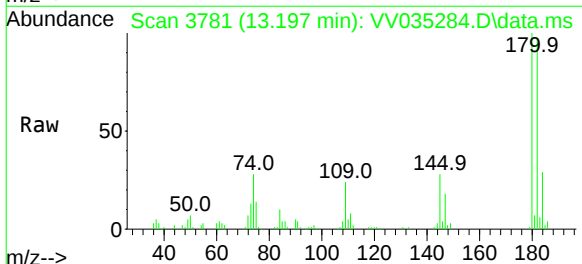
RT: 13.197 min Scan# 3781

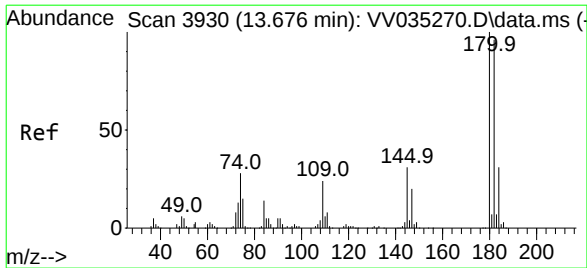
Delta R.T. 0.003 min

Lab File: VV035284.D

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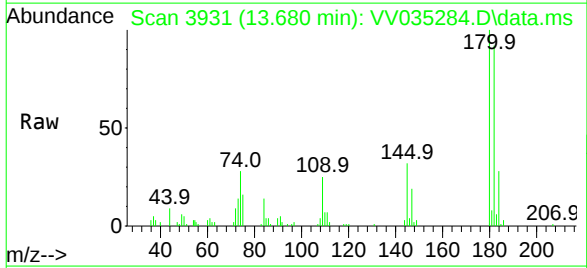
Tgt Ion:	180	Resp:	58727
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.6	113.4
145	28.5	24.1	36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 5.396 ug/L
 RT: 13.680 min Scan# 39
 Delta R.T. 0.003 min
 Lab File: VV035284.D
 Acq: 18 Apr 2024 15:38

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD4



Tgt Ion:	180	Resp:	17698
Ion Ratio	Lower	Upper	
180	100		
182	91.2	76.2	114.2
145	30.2	25.8	38.6

