

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035285.D
 Acq On : 18 Apr 2024 16:02
 Operator : SY/MD
 Sample : P2158-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD5

Quant Time: Apr 19 01:43:33 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)

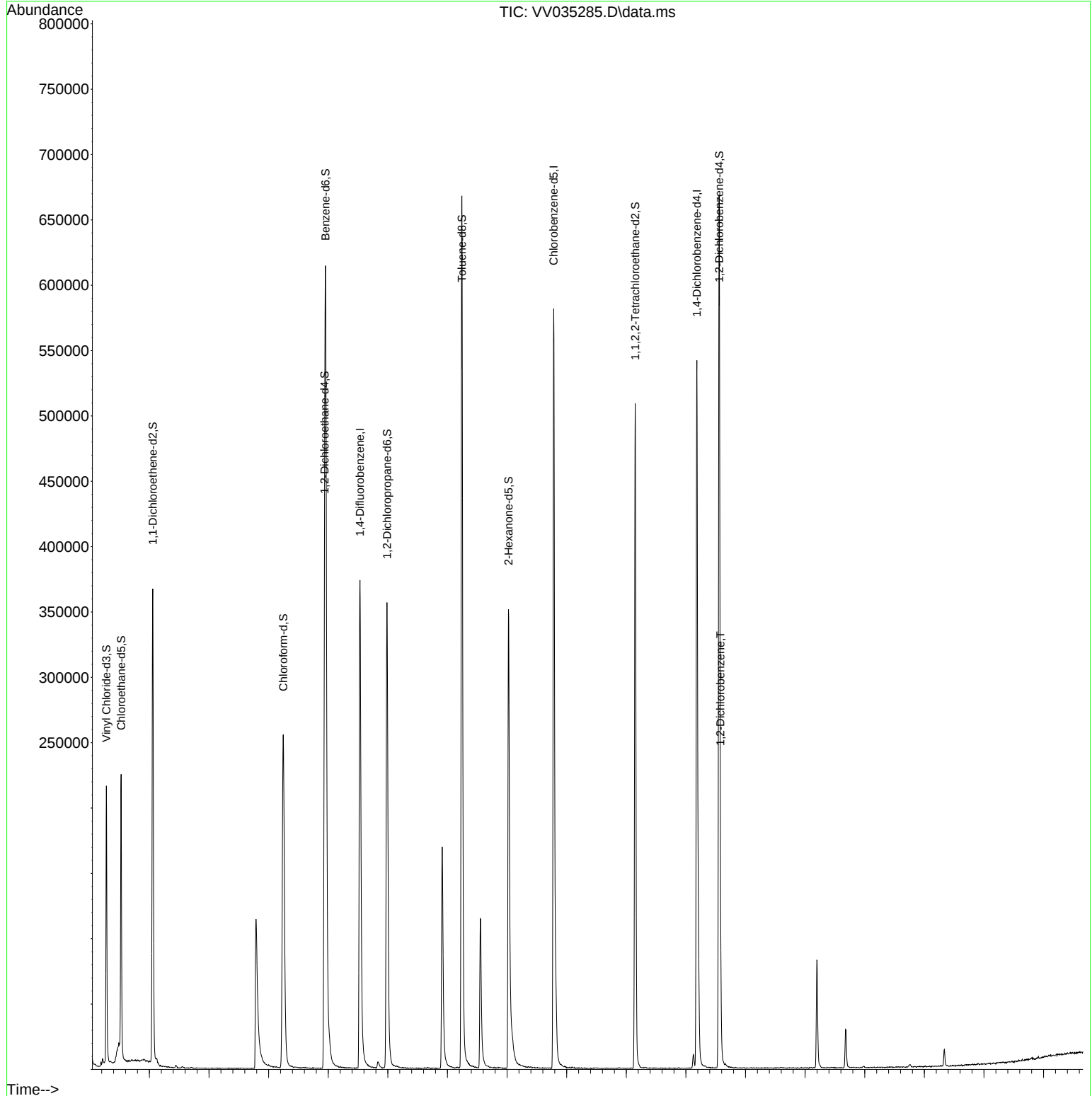
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	334691	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140457	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	141022	43.629	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.260%		
7) Chloroethane-d5	1.526	69	123109	43.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.700%		
11) 1,1-Dichloroethene-d2	2.056	65	63019	44.477	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.960%		
21) 2-Butanone-d5	3.790	46	200801	104.747	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.750%		
24) Chloroform-d	4.246	84	279367	51.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.820%		
26) 1,2-Dichloroethane-d4	4.937	65	179193	51.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.860%		
32) Benzene-d6	4.957	84	554450	50.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.760%		
36) 1,2-Dichloropropane-d6	5.986	67	183626	53.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.120%		
41) Toluene-d8	7.243	98	464303	47.308	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
43) trans-1,3-Dichloroprop...	7.551	79	75253	44.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.460%		
47) 2-Hexanone-d5	8.024	63	123023	94.025	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.030%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	250140	52.489	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.980%		
66) 1,2-Dichlorobenzene-d4	11.558	152	172810	54.798	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.600%		
Target Compounds						
					Qvalue	
33) Benzene	5.015	78	15395	1.455	ug/L	100
51) Chlorobenzene	8.815	112	36519	5.087	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	5291	1.118	ug/L	91
65) 1,4-Dichlorobenzene	11.210	146	37391	7.770	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	32684	6.934	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	27074	8.643	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	10417	3.373	ug/L	95

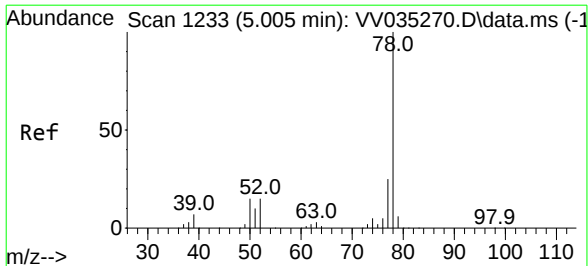
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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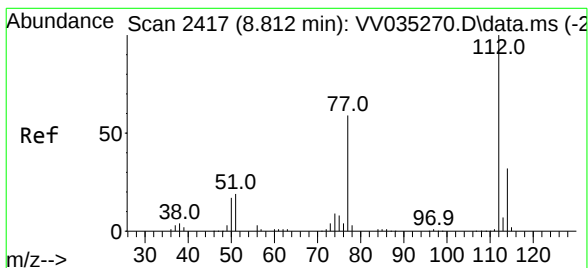
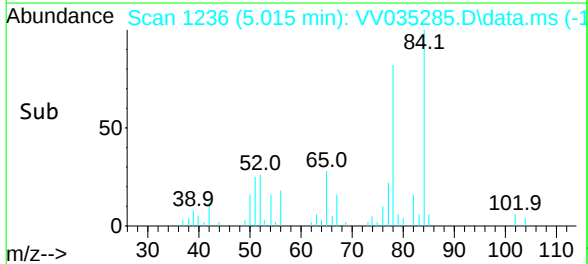
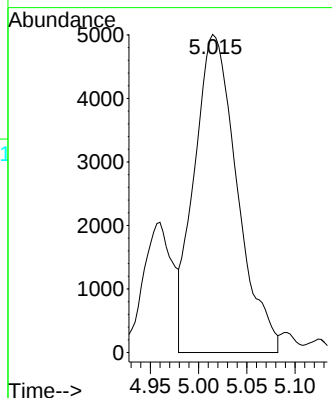
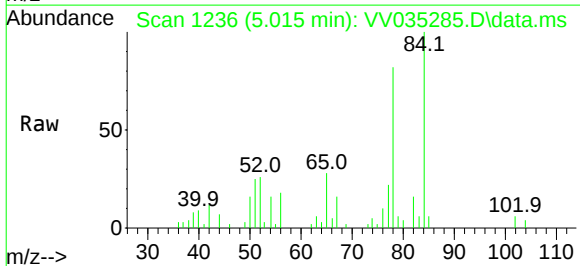




#33
Benzene
Concen: 1.455 ug/L
RT: 5.015 min Scan# 12
Delta R.T. 0.010 min
Lab File: VV035285.D
Acq: 18 Apr 2024 16:02

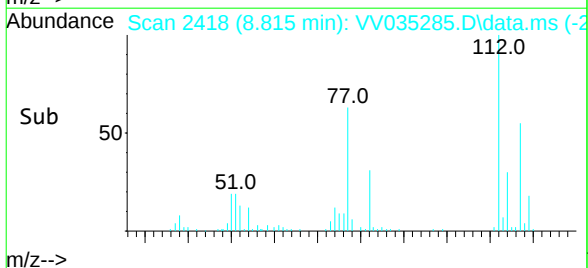
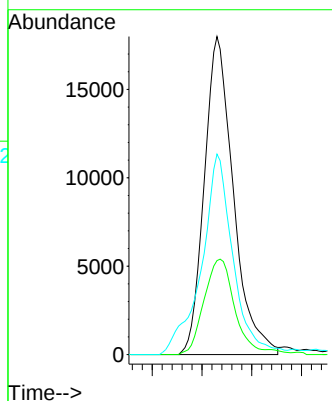
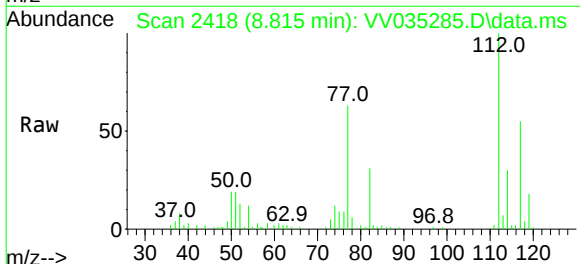
Instrument :
MSVOA_V
ClientSampleId :
MC0RD5

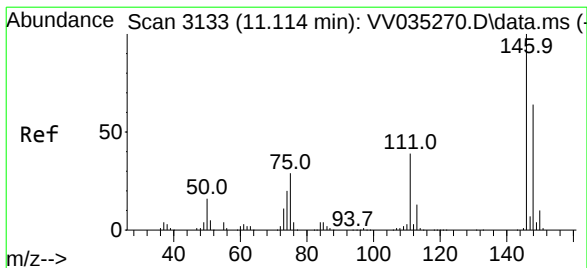
Tgt Ion: 78 Resp: 15395



#51
Chlorobenzene
Concen: 5.087 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035285.D
Acq: 18 Apr 2024 16:02

Tgt Ion:112 Resp: 36519
Ion Ratio Lower Upper
112 100
114 29.6 22.0 41.0
77 63.0 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 1.118 ug/L

RT: 11.127 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV035285.D

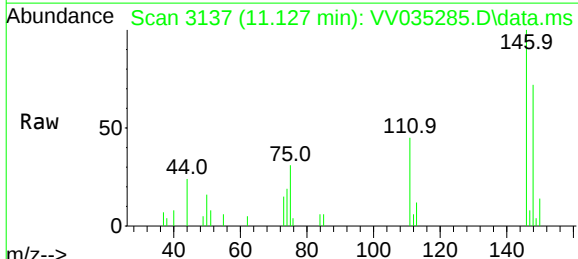
Acq: 18 Apr 2024 16:02

Instrument :

MSVOA_V

ClientSampleId :

MC0RD5



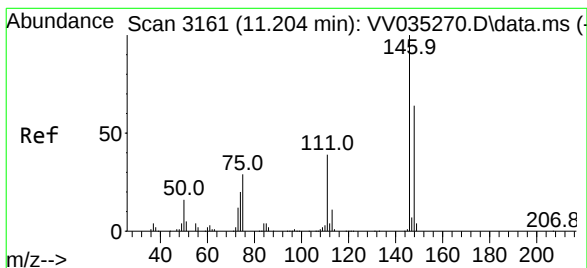
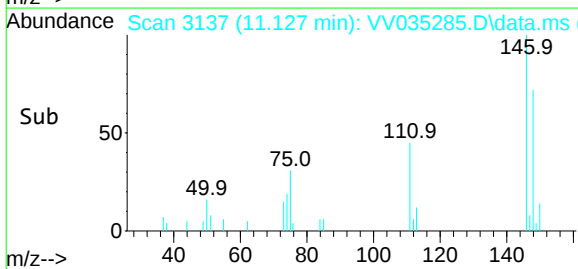
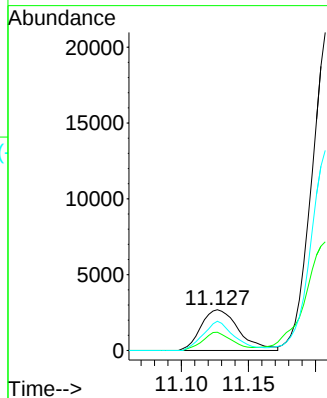
Tgt Ion:146 Resp: 5291

Ion Ratio Lower Upper

146 100

111 44.7 28.7 53.3

148 71.7 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 7.770 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV035285.D

Acq: 18 Apr 2024 16:02

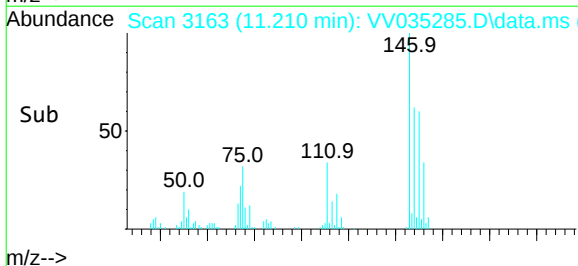
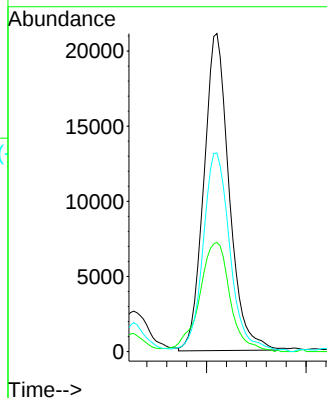
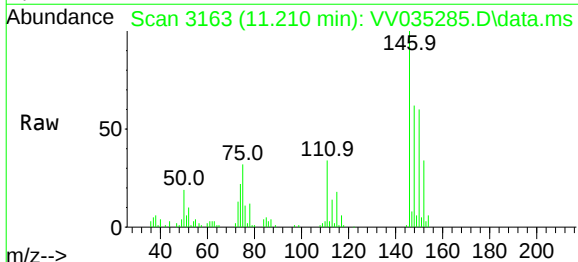
Tgt Ion:146 Resp: 37391

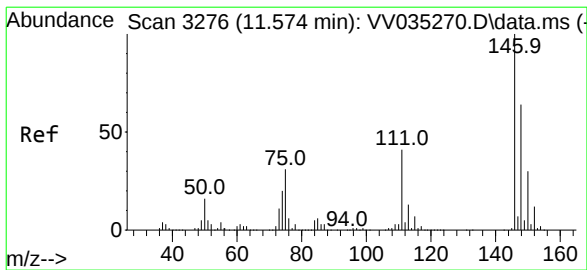
Ion Ratio Lower Upper

146 100

111 34.3 27.4 50.8

148 62.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 6.934 ug/L

RT: 11.577 min Scan# 32

Delta R.T. 0.000 min

Lab File: VV035285.D

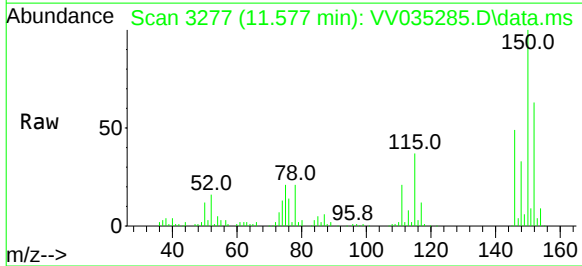
Acq: 18 Apr 2024 16:02

Instrument :

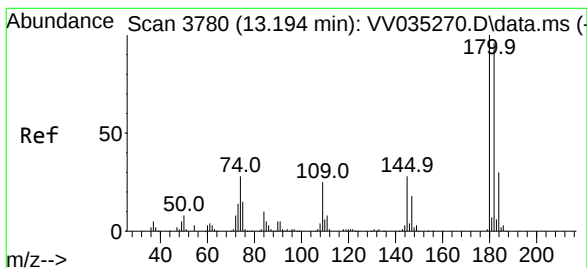
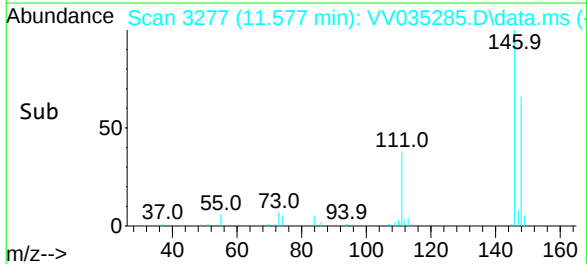
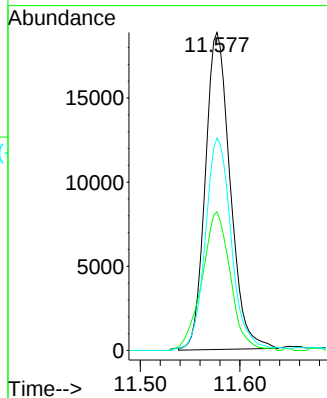
MSVOA_V

ClientSampleId :

MC0RD5



Tgt Ion:	146	Resp:	32684
Ion	Ratio	Lower	Upper
146	100		
111	43.6	34.6	52.0
148	66.8	51.5	77.3



#70

1,2,4-trichlorobenzene

Concen: 8.643 ug/L

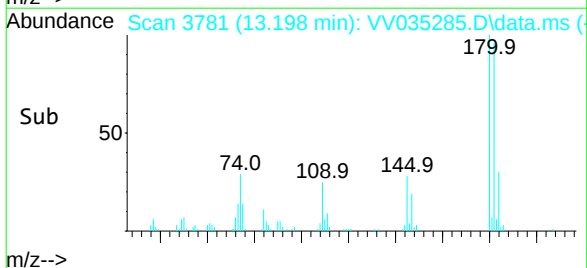
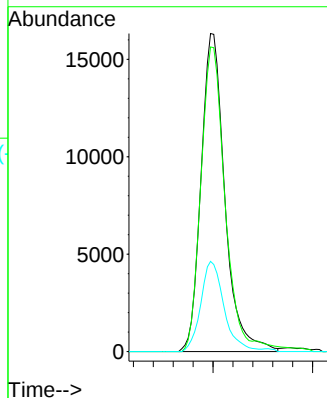
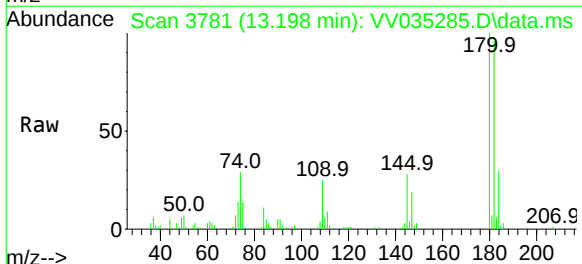
RT: 13.198 min Scan# 3781

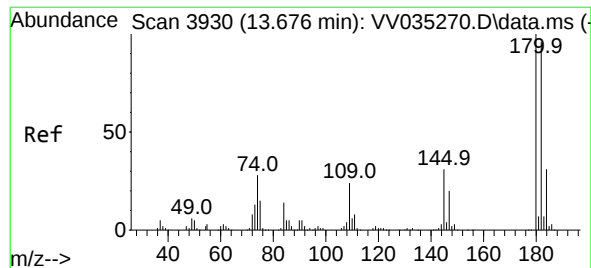
Delta R.T. 0.003 min

Lab File: VV035285.D

Acq: 18 Apr 2024 16:02

Tgt Ion:	180	Resp:	27074
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.6	113.4
145	27.8	24.1	36.1





#72

1,2,3-Trichlorobenzene

Concen: 3.373 ug/L

RT: 13.683 min Scan# 39

Delta R.T. 0.007 min

Lab File: VV035285.D

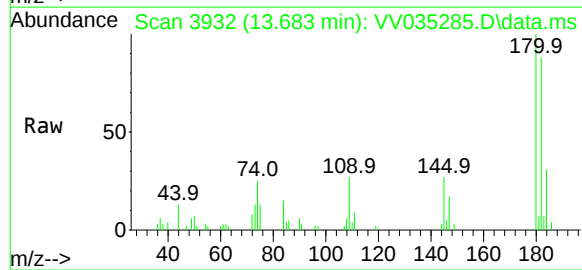
Acq: 18 Apr 2024 16:02

Instrument :

MSVOA_V

ClientSampleId :

MC0RD5



Tgt Ion:	180	Resp:	10417
Ion Ratio	Lower	Upper	
180	100		
182	90.1	76.2	114.2
145	28.9	25.8	38.6

