

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035357.D
 Acq On : 23 Apr 2024 13:38
 Operator : SY/MD
 Sample : P2158-06DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD3DL

Quant Time: Apr 23 23:28:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

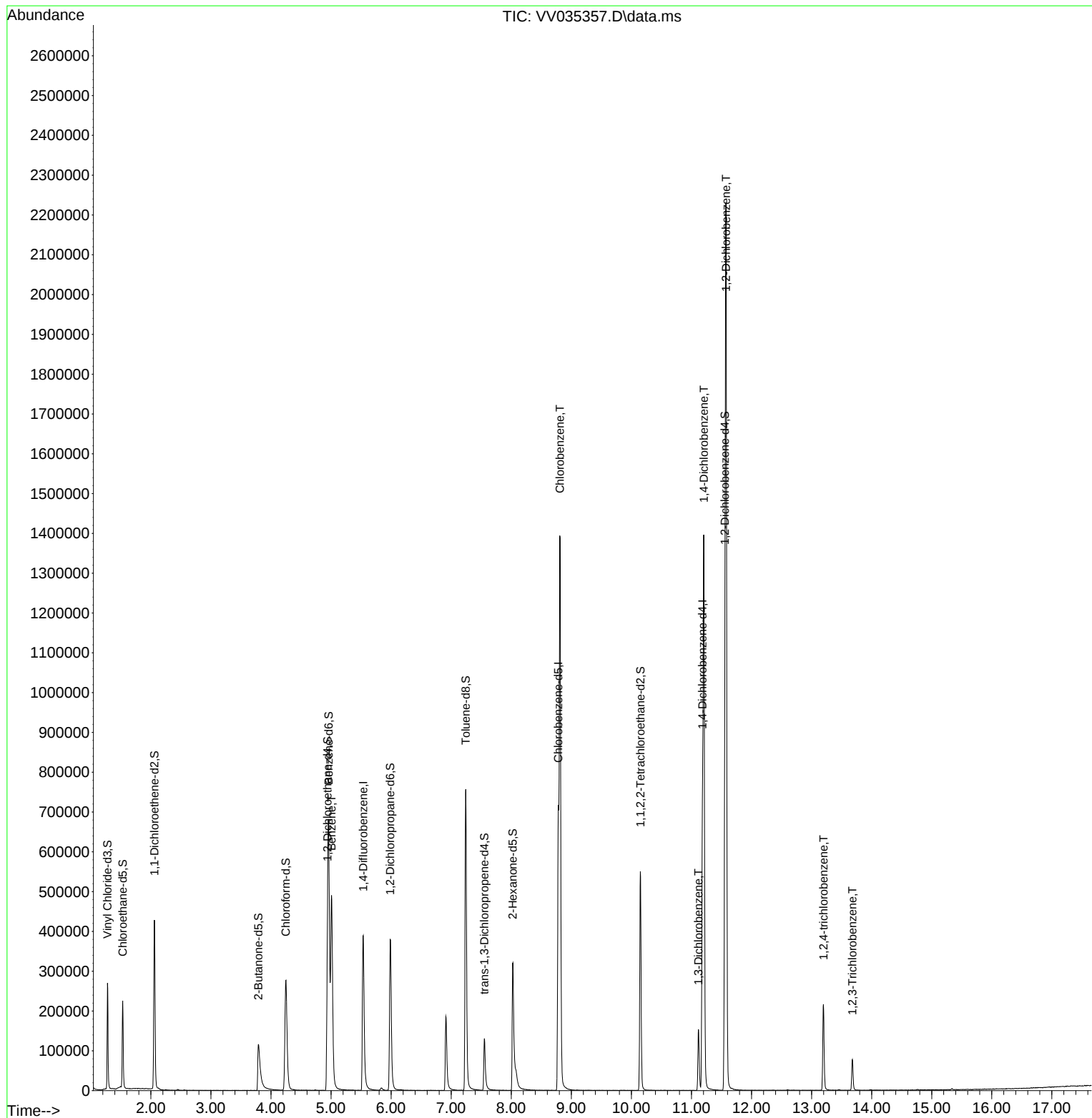
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	355806	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	355877	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	174789	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	173573	50.513	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 101.020%		
7) Chloroethane-d5	1.532	69	144209	48.318	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 96.640%		
11) 1,1-Dichloroethene-d2	2.059	65	73485	48.786	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 97.580%		
21) 2-Butanone-d5	3.789	46	187212	91.863	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 91.860%		
24) Chloroform-d	4.246	84	305912	52.950	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 105.900%		
26) 1,2-Dichloroethane-d4	4.940	65	191233	52.135	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 104.280%		
32) Benzene-d6	4.960	84	617808	51.682	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 103.360%		
36) 1,2-Dichloropropane-d6	5.985	67	197880	52.128	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 104.260%		
41) Toluene-d8	7.243	98	524116	48.684	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 97.360%		
43) trans-1,3-Dichloroprop...	7.554	79	83246	45.110	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 90.220%		
47) 2-Hexanone-d5	8.024	63	110507	76.997	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 77.000%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	271510	51.940	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 103.880%		
66) 1,2-Dichlorobenzene-d4	11.557	152	223593	56.975	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 113.960%		
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	525512	45.285	ug/L	100
51) Chlorobenzene	8.812	112	773009	98.170	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	63840	10.841	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	541100	90.360	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	817522	139.364	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	69306	17.778	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	25915	6.744	ug/L	98

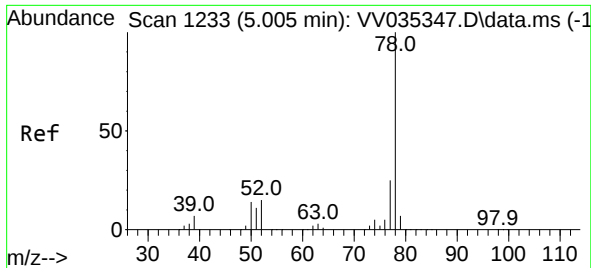
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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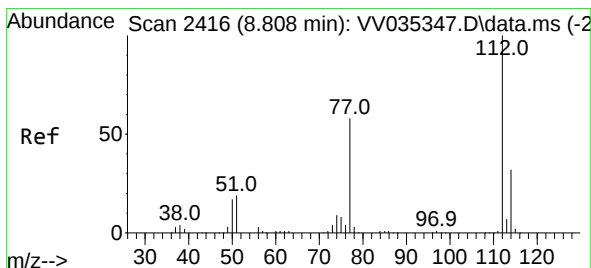
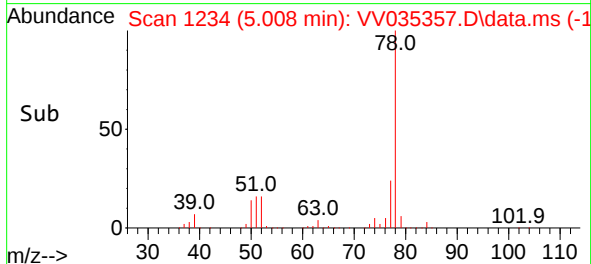
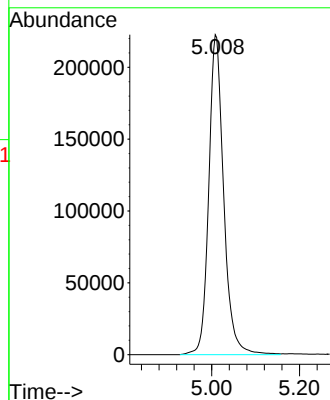
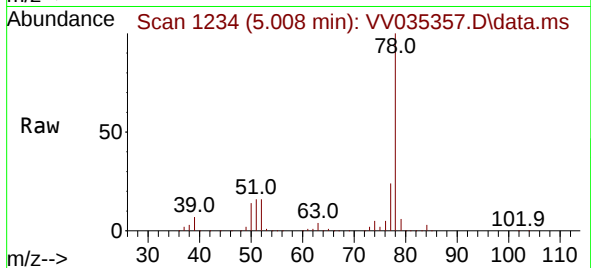




#33
Benzene
Concen: 45.285 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035357.D
Acq: 23 Apr 2024 13:38

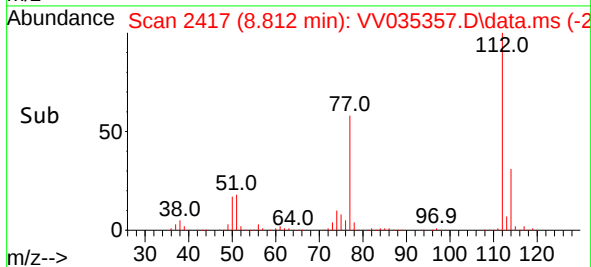
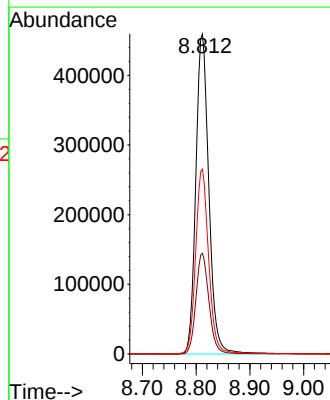
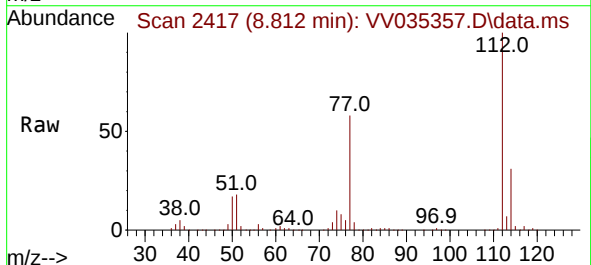
Instrument :
MSVOA_V
ClientSampleId :
MC0RD3DL

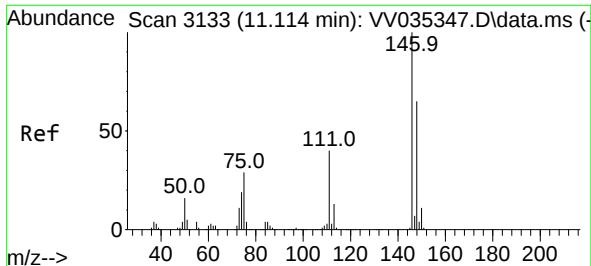
Tgt Ion: 78 Resp: 525512



#51
Chlorobenzene
Concen: 98.170 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035357.D
Acq: 23 Apr 2024 13:38

Tgt Ion: 112 Resp: 773009
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 57.7 47.4 71.2

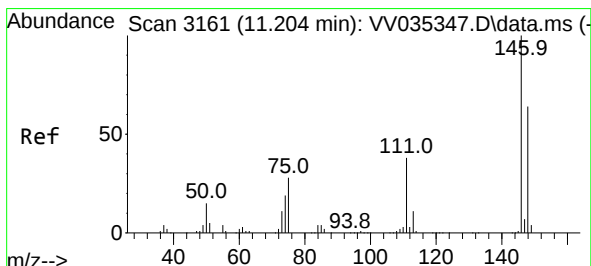
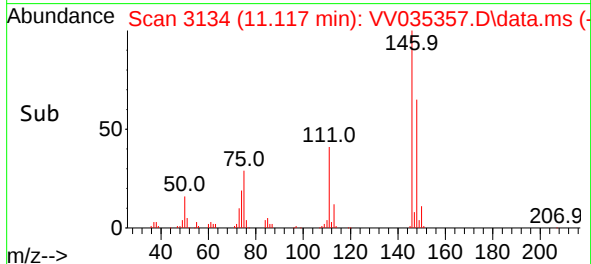
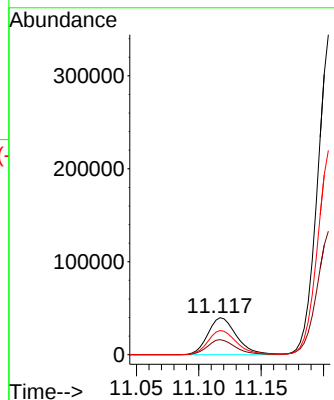
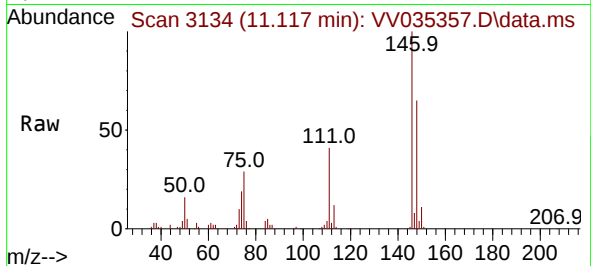




#64
1,3-Dichlorobenzene
Concen: 10.841 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035357.D
Acq: 23 Apr 2024 13:38

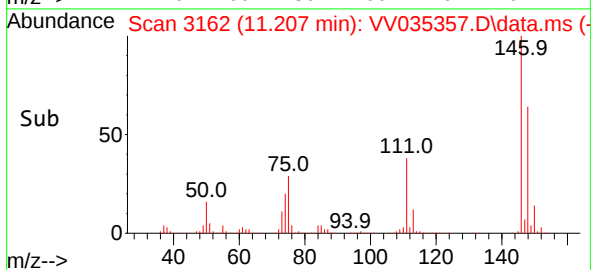
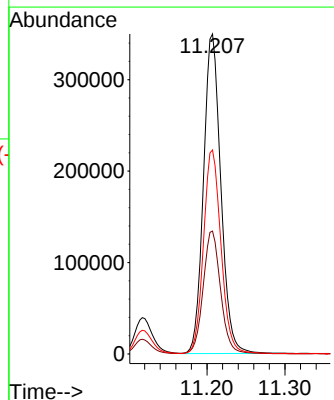
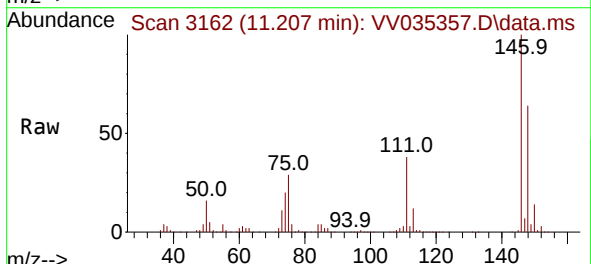
Instrument :
MSVOA_V
ClientSampleId :
MC0RD3DL

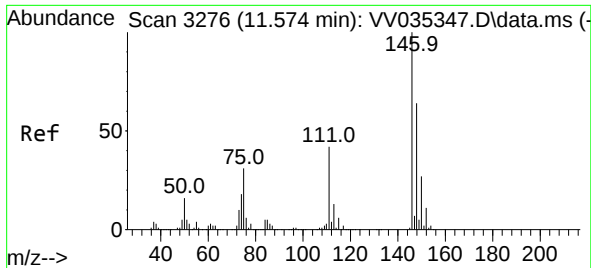
Tgt Ion:146 Resp: 63840
Ion Ratio Lower Upper
146 100
111 40.6 28.7 53.3
148 65.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 90.360 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035357.D
Acq: 23 Apr 2024 13:38

Tgt Ion:146 Resp: 541100
Ion Ratio Lower Upper
146 100
111 38.4 27.4 50.8
148 63.8 44.2 82.2

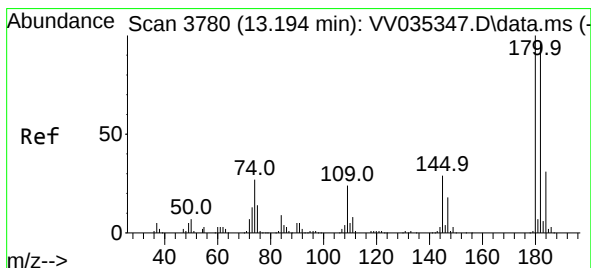
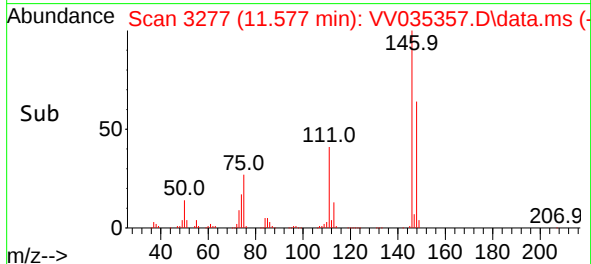
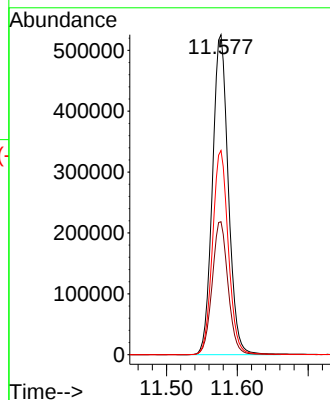
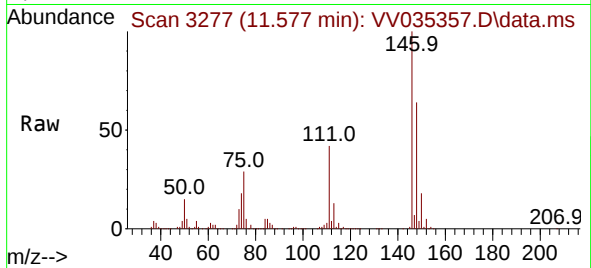




#67
1,2-Dichlorobenzene
Concen: 139.364 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035357.D
Acq: 23 Apr 2024 13:38

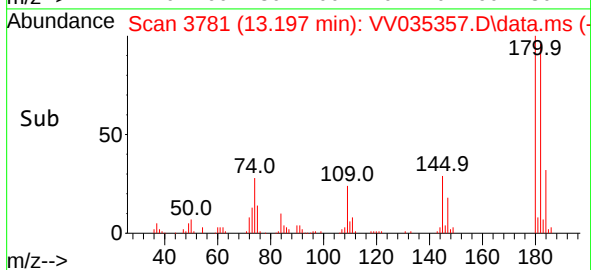
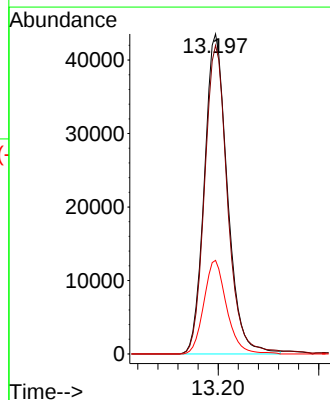
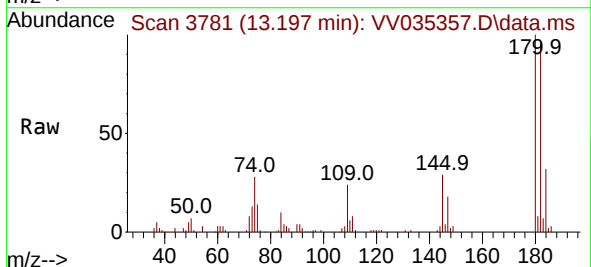
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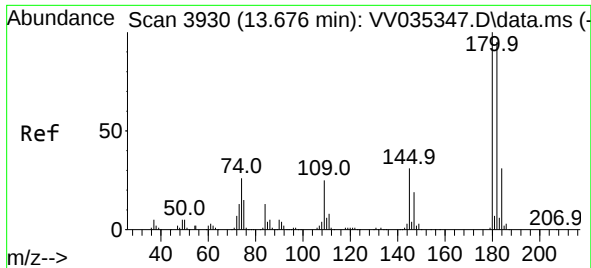
Tgt Ion:146 Resp: 817522
Ion Ratio Lower Upper
146 100
111 41.6 34.6 52.0
148 63.8 51.5 77.3



#70
1,2,4-trichlorobenzene
Concen: 17.778 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VV035357.D
Acq: 23 Apr 2024 13:38

Tgt Ion:180 Resp: 69306
Ion Ratio Lower Upper
180 100
182 96.6 75.6 113.4
145 28.7 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 6.744 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV035357.D
 Acq: 23 Apr 2024 13:38

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD3DL

Tgt Ion:	180	Resp:	25915
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.2	114.2
145	29.4	25.8	38.6

