

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035034.D
 Acq On : 06 Apr 2024 03:26
 Operator : SY/MD
 Sample : P2009-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 04:08:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

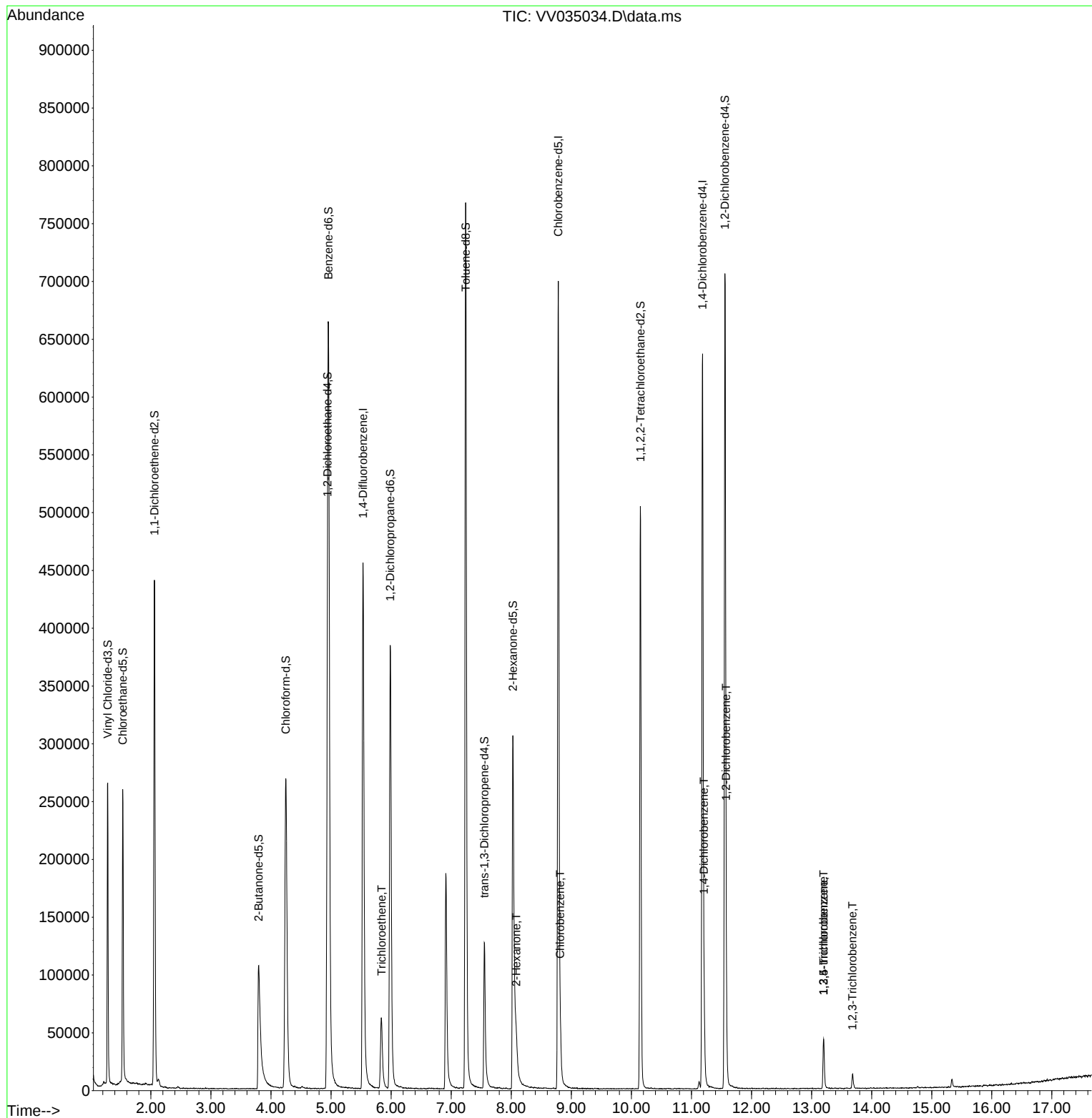
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	395668	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	375554	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	159064	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	174396	45.639	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.280%		
7) Chloroethane-d5	1.532	69	158999	47.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.820%		
11) 1,1-Dichloroethene-d2	2.060	65	74860	44.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.380%		
21) 2-Butanone-d5	3.793	46	197737	87.252	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.250%		
24) Chloroform-d	4.246	84	291019	45.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.600%		
26) 1,2-Dichloroethane-d4	4.941	65	190067	46.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.200%		
32) Benzene-d6	4.957	84	605755	48.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.040%		
36) 1,2-Dichloropropane-d6	5.986	67	194459	48.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.080%		
41) Toluene-d8	7.243	98	520583	45.822	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.640%		
43) trans-1,3-Dichloroprop...	7.551	79	78729	40.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.860%		
47) 2-Hexanone-d5	8.027	63	100502	66.357	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	66.360%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	247233	44.818	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.640%		
66) 1,2-Dichlorobenzene-d4	11.558	152	178092	49.867	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.740%		
Target Compounds						
					Qvalue	
34) Trichloroethene	5.841	95	21101	6.385	ug/L	92
48) 2-Hexanone	8.085	43	27430	7.464	ug/L #	93
51) Chlorobenzene	8.815	112	24262	2.920	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	27100	4.973	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	20174	3.779	ug/L	97
69) 1,3,5-Trichlorobenzene	13.201	180	13374	3.463	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	13374	3.770	ug/L	95
72) 1,2,3-Trichlorobenzene	13.680	180	4248	1.215	ug/L	99

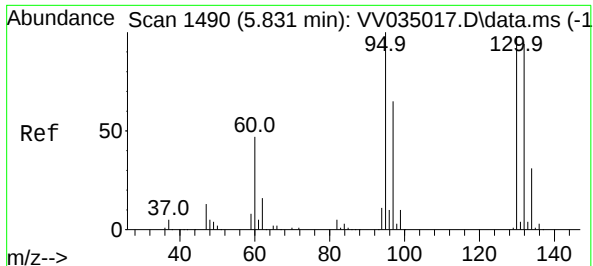
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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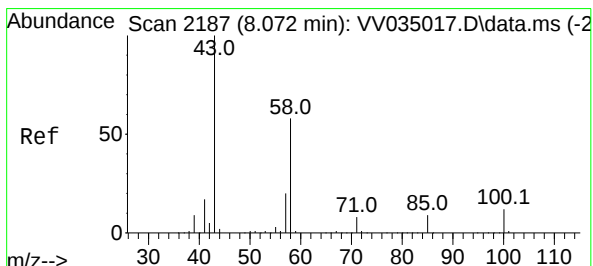
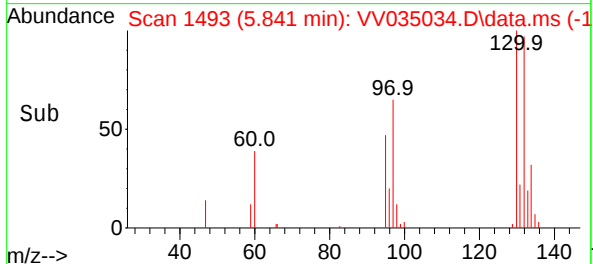
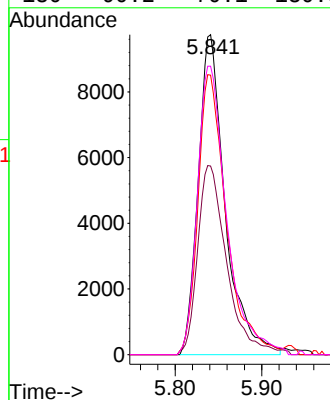
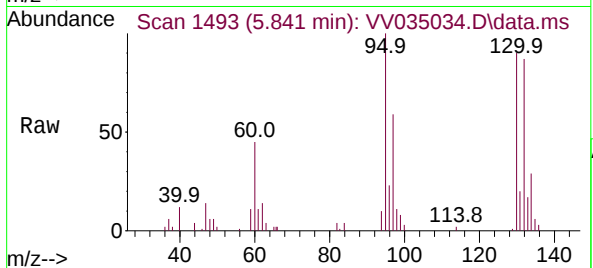


#34
Trichloroethene
Concen: 6.385 ug/L
RT: 5.841 min Scan# 1490
Delta R.T. 0.010 min
Lab File: VV035034.D
Acq: 06 Apr 2024 03:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 21101

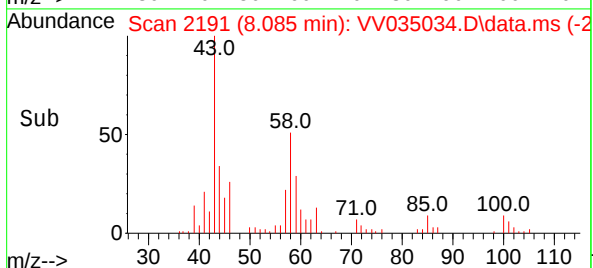
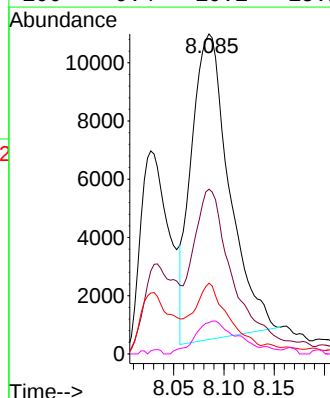
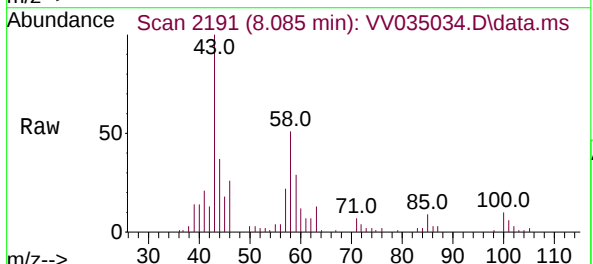
Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.3	84.1
132	87.4	65.3	121.3
130	90.2	70.1	130.3

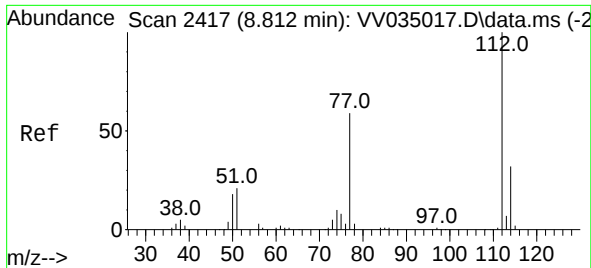


#48
2-Hexanone
Concen: 7.464 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV035034.D
Acq: 06 Apr 2024 03:26

Tgt Ion: 43 Resp: 27430

Ion	Ratio	Lower	Upper
43	100		
58	52.2	45.4	68.2
57	17.0	16.2	24.4
100	9.4	10.1	15.1





#51

Chlorobenzene

Concen: 2.920 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035034.D

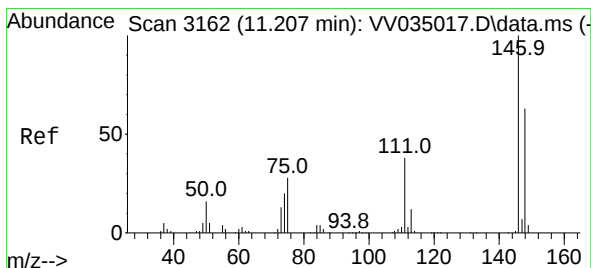
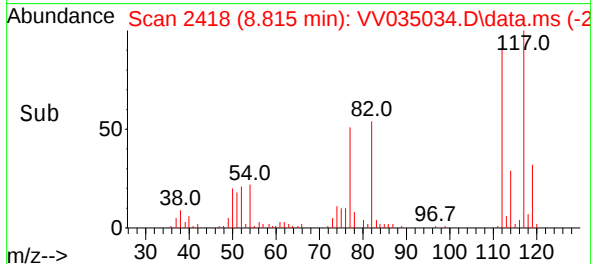
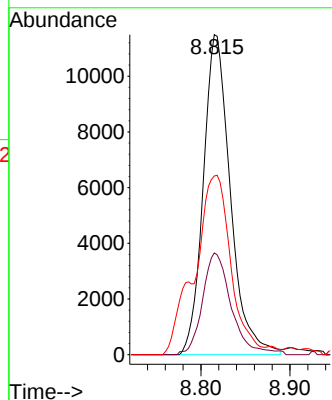
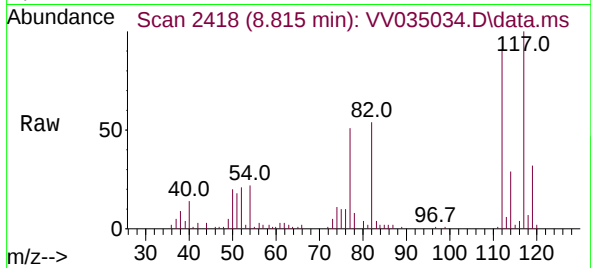
Acq: 06 Apr 2024 03:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112	Resp:	24262
Ion Ratio	Lower	Upper
112	100	
114	31.8	22.0 41.0
77	55.9	47.4 71.2



#65

1,4-Dichlorobenzene

Concen: 4.973 ug/L

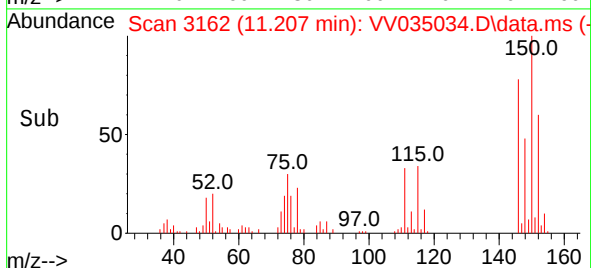
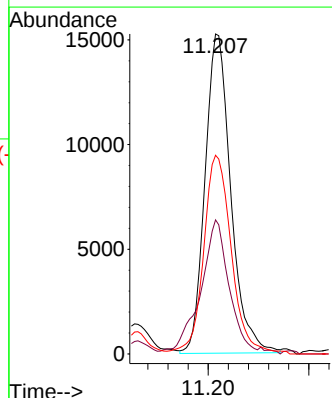
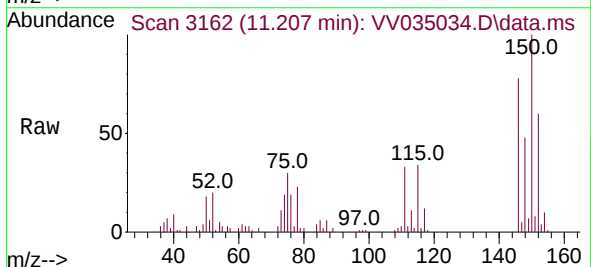
RT: 11.207 min Scan# 3162

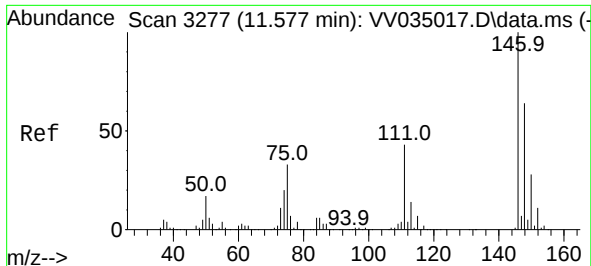
Delta R.T. 0.000 min

Lab File: VV035034.D

Acq: 06 Apr 2024 03:26

Tgt Ion:146	Resp:	27100
Ion Ratio	Lower	Upper
146	100	
111	41.9	27.4 50.8
148	62.1	44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 3.779 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035034.D

Acq: 06 Apr 2024 03:26

Instrument :

MSVOA_V

ClientSampleId :

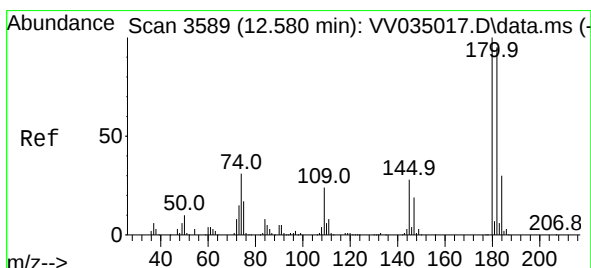
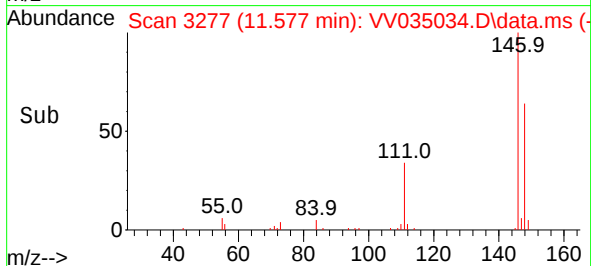
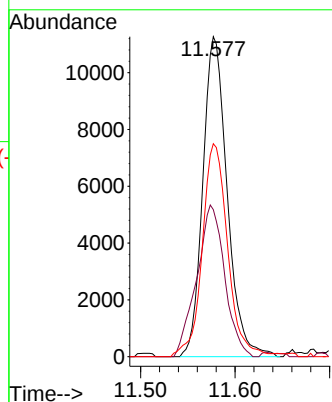
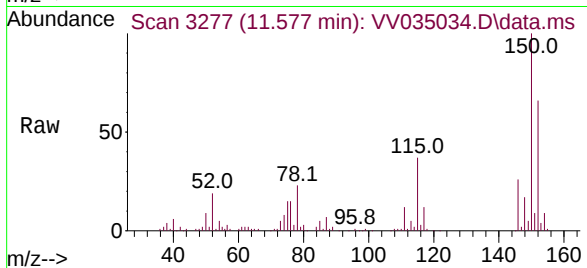
Tgt Ion:146 Resp: 20174

Ion Ratio Lower Upper

146 100

111 45.9 34.6 52.0

148 66.6 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 3.463 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV035034.D

Acq: 06 Apr 2024 03:26

Tgt Ion:180 Resp: 13374

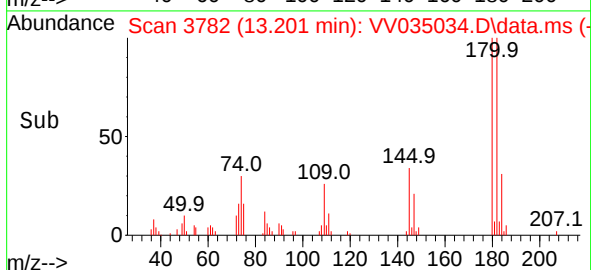
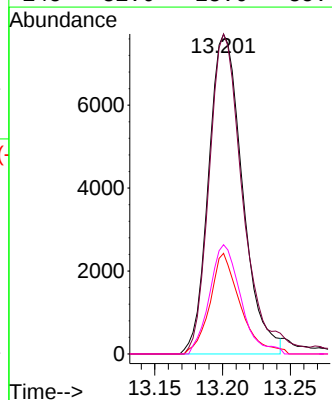
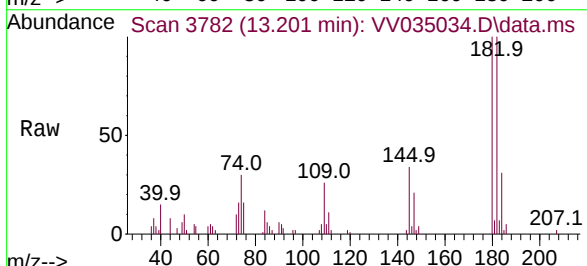
Ion Ratio Lower Upper

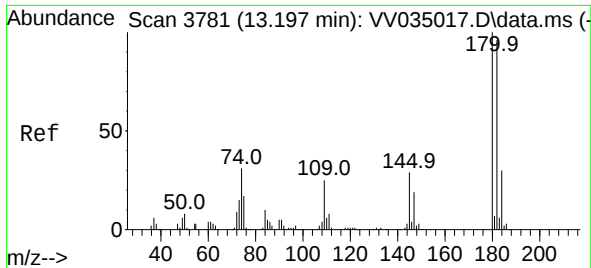
180 100

182 99.6 74.7 112.1

184 28.2 24.0 36.0

145 31.6 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 3.770 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035034.D

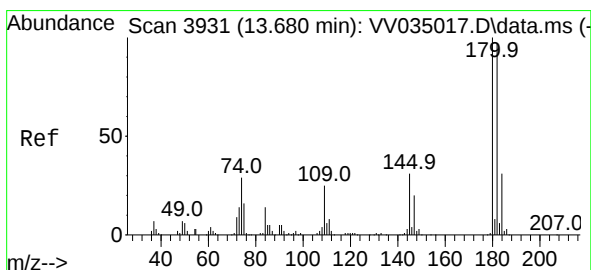
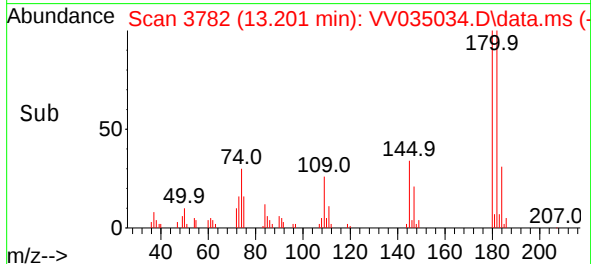
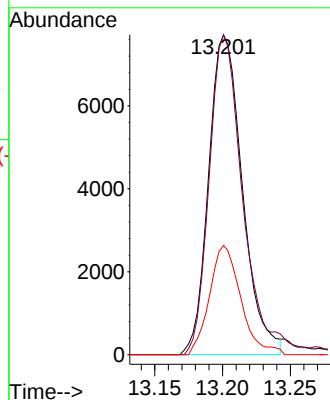
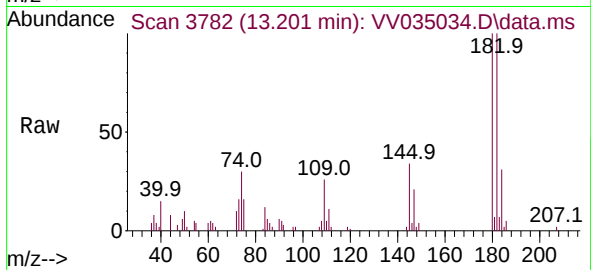
Acq: 06 Apr 2024 03:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	13374
Ion Ratio	Lower	Upper
180	100	
182	99.6	75.6 113.4
145	31.6	24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 1.215 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV035034.D

Acq: 06 Apr 2024 03:26

Tgt Ion:180	Resp:	4248
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.2 114.2
145	30.7	25.8 38.6

