

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035028.D
 Acq On : 06 Apr 2024 01:03
 Operator : SY/MD
 Sample : P2006-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 03:20:15 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)

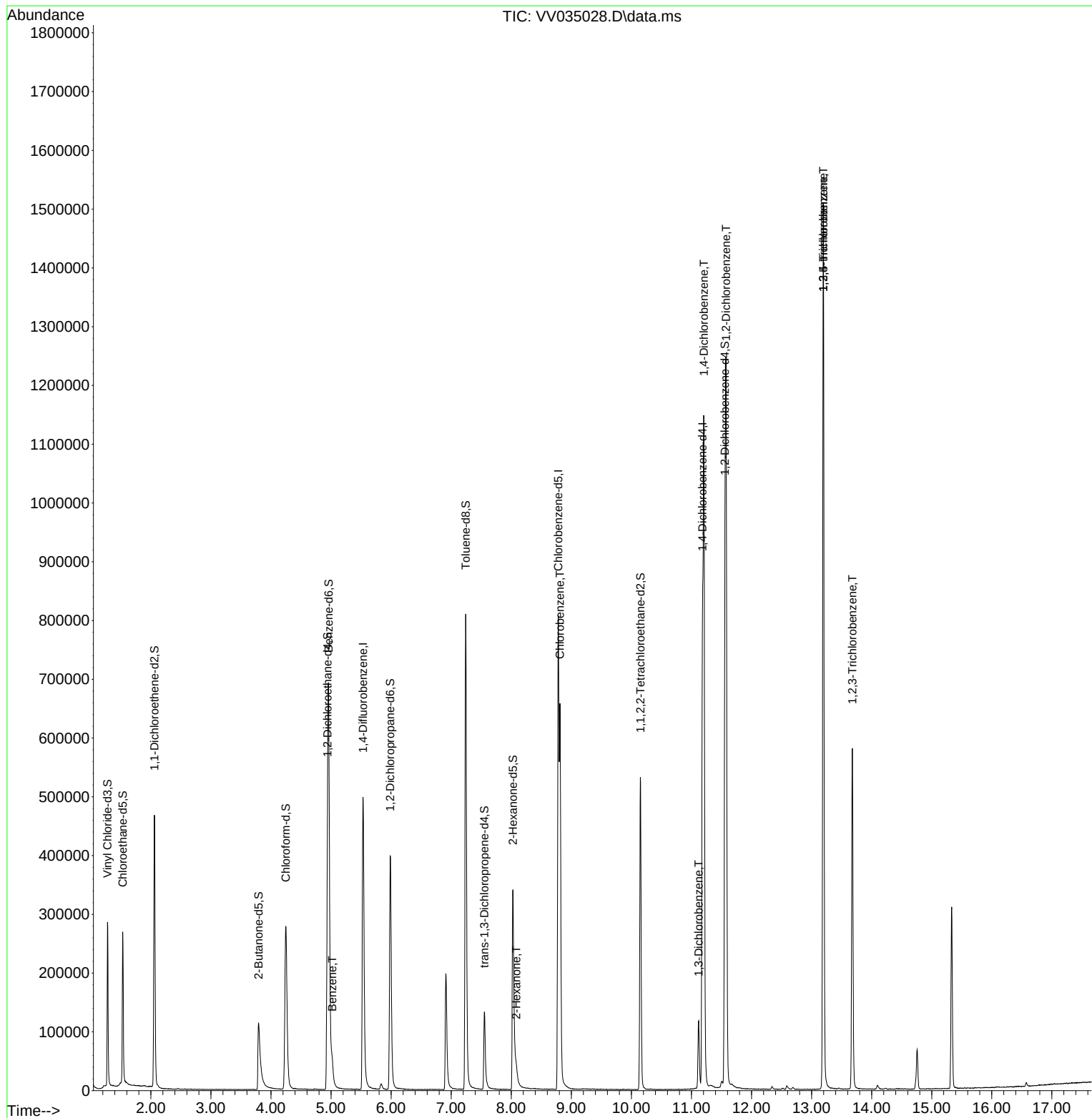
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	444651	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	411278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	186637	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	184877	43.052	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.100%		
7) Chloroethane-d5	1.532	69	162636	43.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.200%		
11) 1,1-Dichloroethene-d2	2.059	65	80388	42.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.420%		
21) 2-Butanone-d5	3.793	46	205852	80.827	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.830%		
24) Chloroform-d	4.246	84	304960	42.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.480%		
26) 1,2-Dichloroethane-d4	4.940	65	197575	43.102	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.200%		
32) Benzene-d6	4.960	84	634844	45.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.900%		
36) 1,2-Dichloropropane-d6	5.985	67	201973	46.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.080%		
41) Toluene-d8	7.243	98	553686	44.503	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.000%		
43) trans-1,3-Dichloroprop...	7.551	79	84921	39.819	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.640%		
47) 2-Hexanone-d5	8.027	63	120242	72.495	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	72.490%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	257515	42.627	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.260%		
66) 1,2-Dichlorobenzene-d4	11.557	152	191408	45.678	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.360%		
Target Compounds					Qvalue	
33) Benzene	5.018	78	52877	3.943	ug/L	100
48) 2-Hexanone	8.085	43	24459	6.077	ug/L #	86
51) Chlorobenzene	8.812	112	348632	38.311	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	48369	7.693	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	425129	66.487	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	410760	65.577	ug/L	98
69) 1,3,5-Trichlorobenzene	13.194	180	435889	96.188	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	435889	104.715	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	175986	42.890	ug/L	99

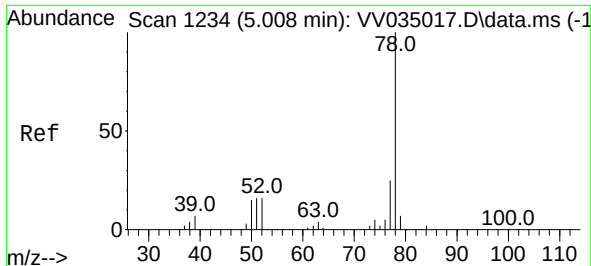
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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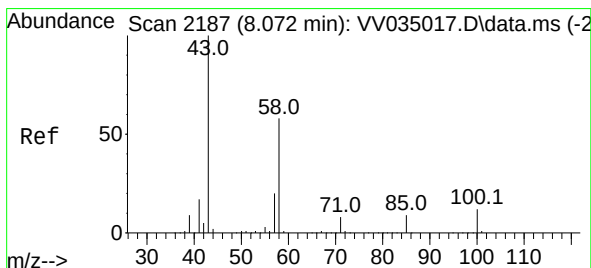
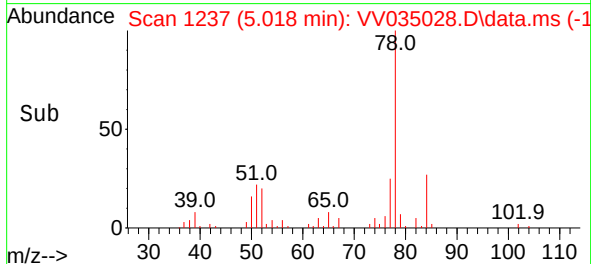
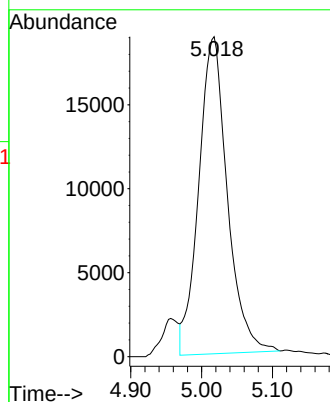
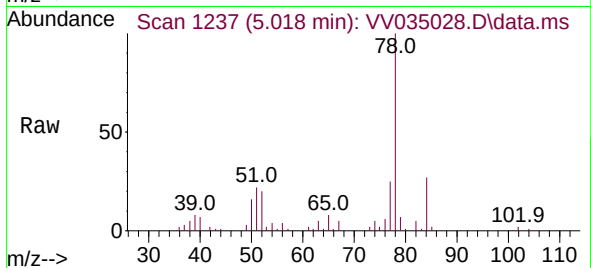




#33
Benzene
Concen: 3.943 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV035028.D
Acq: 06 Apr 2024 01:03

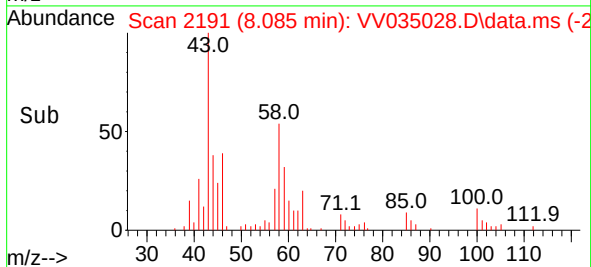
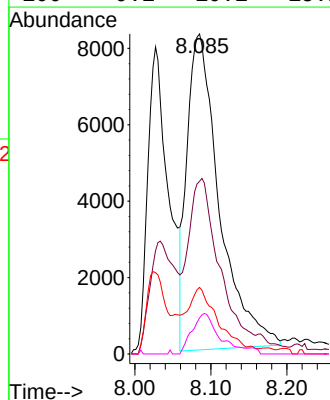
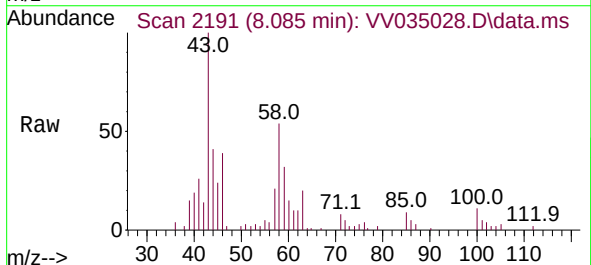
Instrument :
MSVOA_V
ClientSampleId :

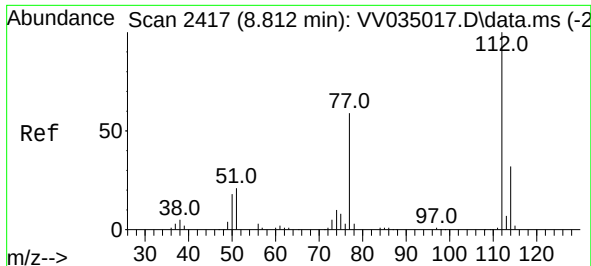
Tgt Ion: 78 Resp: 52877



#48
2-Hexanone
Concen: 6.077 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV035028.D
Acq: 06 Apr 2024 01:03

Tgt Ion: 43 Resp: 24459
Ion Ratio Lower Upper
43 100
58 45.9 45.4 68.2
57 14.0 16.2 24.4#
100 9.1 10.1 15.1#





#51

Chlorobenzene

Concen: 38.311 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035028.D

Acq: 06 Apr 2024 01:03

Instrument :

MSVOA_V

ClientSampleId :

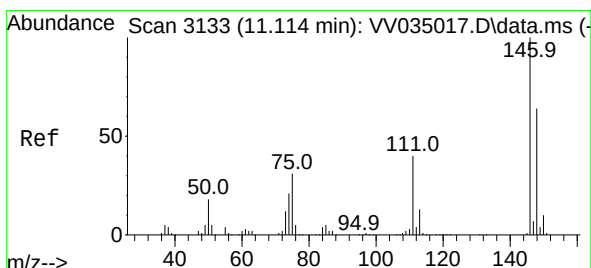
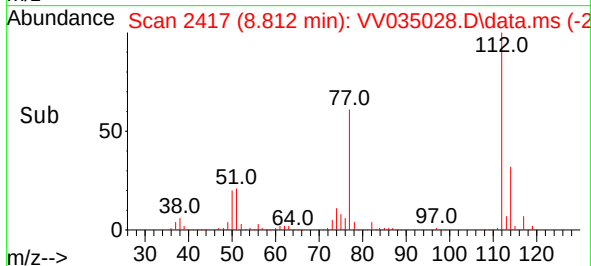
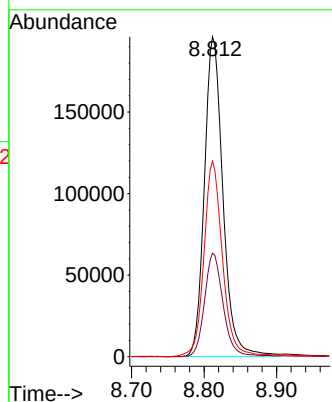
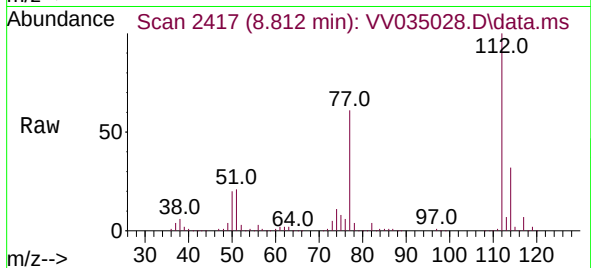
Tgt Ion:112 Resp: 348632

Ion Ratio Lower Upper

112 100

114 32.4 22.0 41.0

77 61.1 47.4 71.2



#64

1,3-Dichlorobenzene

Concen: 7.693 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035028.D

Acq: 06 Apr 2024 01:03

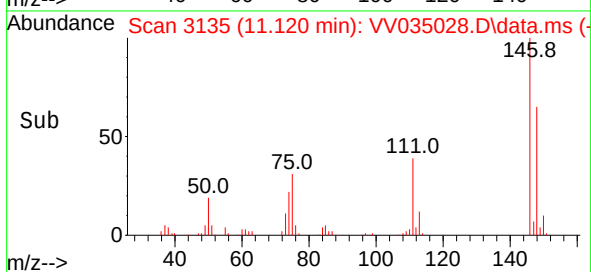
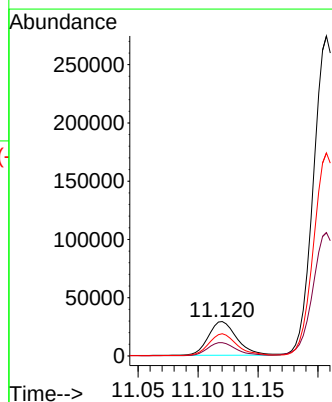
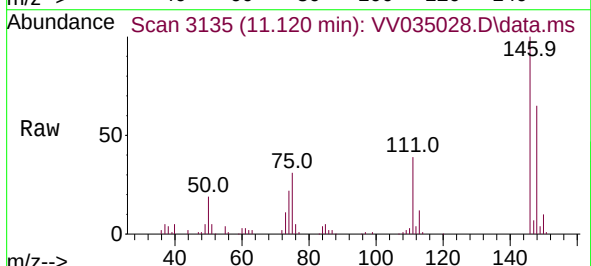
Tgt Ion:146 Resp: 48369

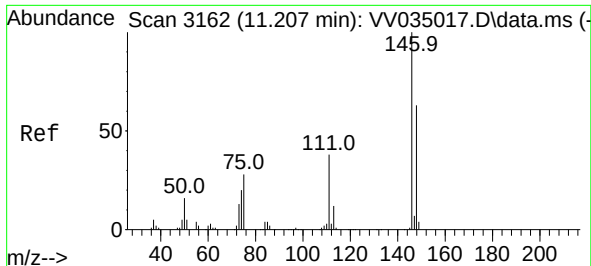
Ion Ratio Lower Upper

146 100

111 38.7 28.7 53.3

148 64.5 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 66.487 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

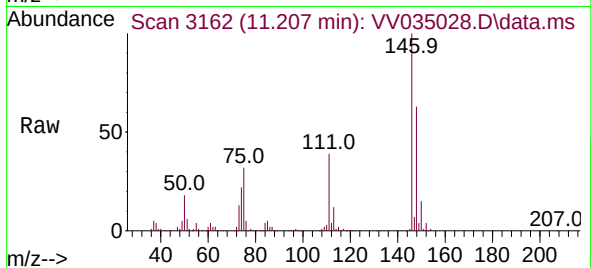
Lab File: VV035028.D

Acq: 06 Apr 2024 01:03

Instrument :

MSVOA_V

ClientSampleId :



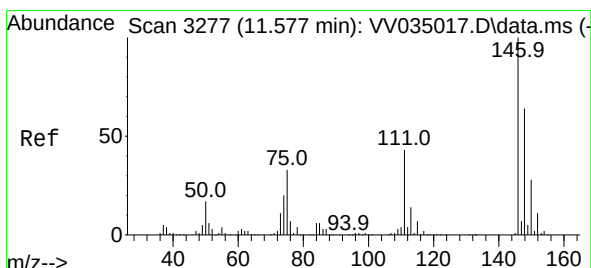
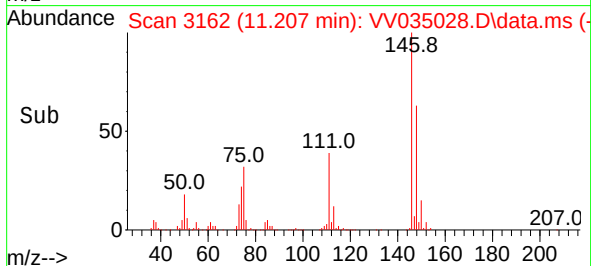
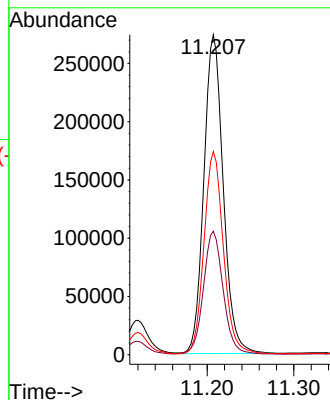
Tgt Ion:146 Resp: 425129

Ion Ratio Lower Upper

146 100

111 38.5 27.4 50.8

148 63.5 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 65.577 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035028.D

Acq: 06 Apr 2024 01:03

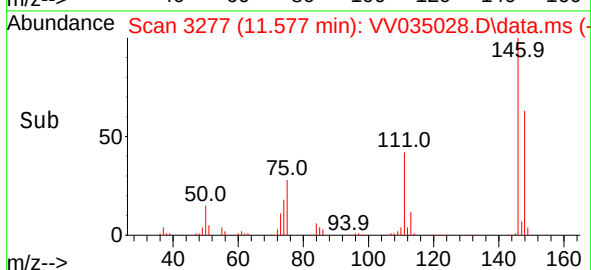
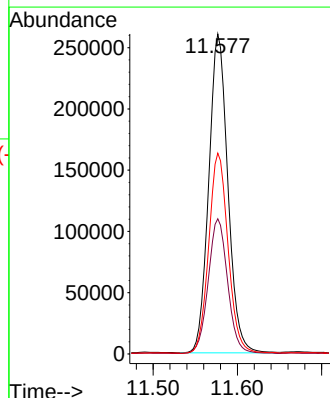
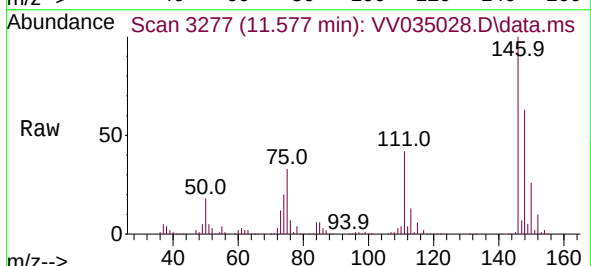
Tgt Ion:146 Resp: 410760

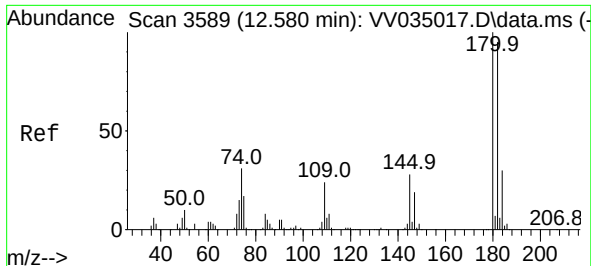
Ion Ratio Lower Upper

146 100

111 42.3 34.6 52.0

148 62.8 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 96.188 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.614 min

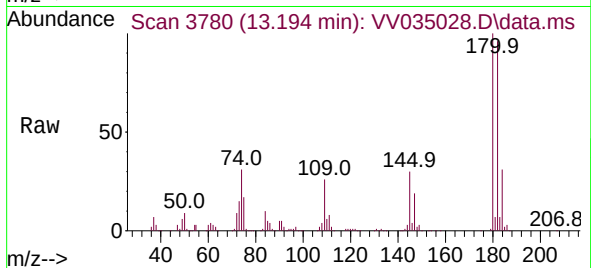
Lab File: VV035028.D

Acq: 06 Apr 2024 01:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 435889

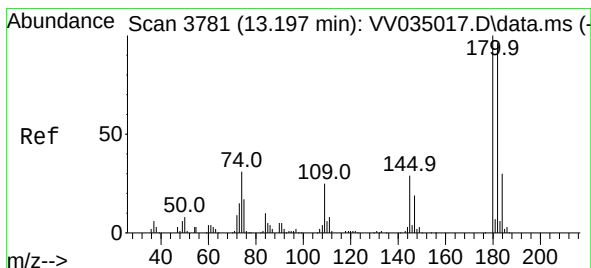
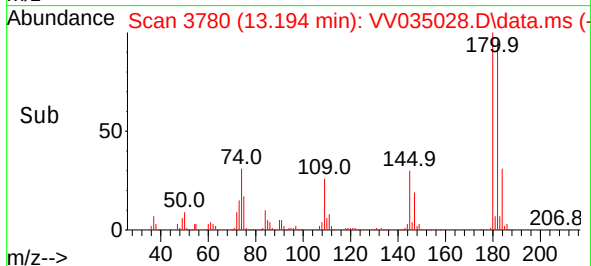
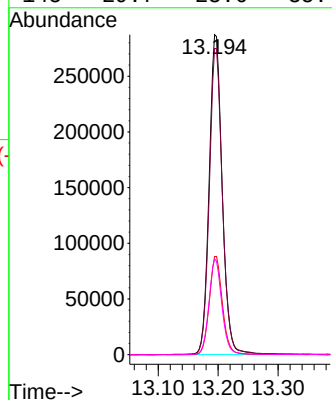
Ion Ratio Lower Upper

180 100

182 95.1 74.7 112.1

184 30.9 24.0 36.0

145 29.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 104.715 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV035028.D

Acq: 06 Apr 2024 01:03

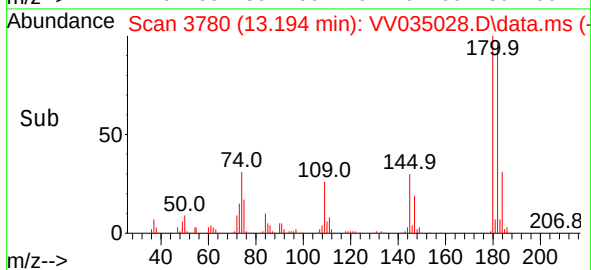
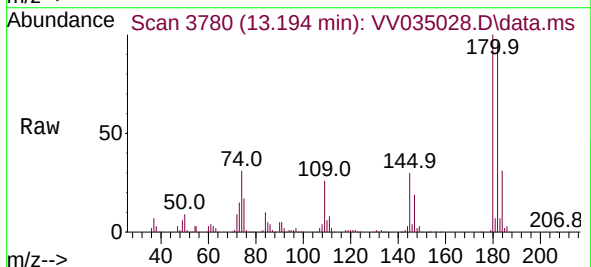
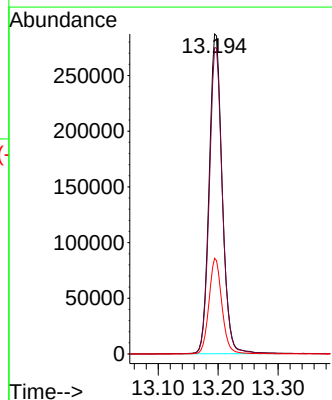
Tgt Ion:180 Resp: 435889

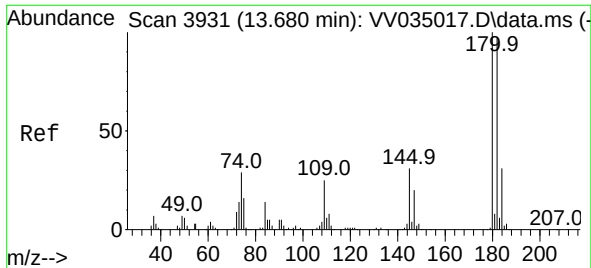
Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

145 29.7 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 42.890 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

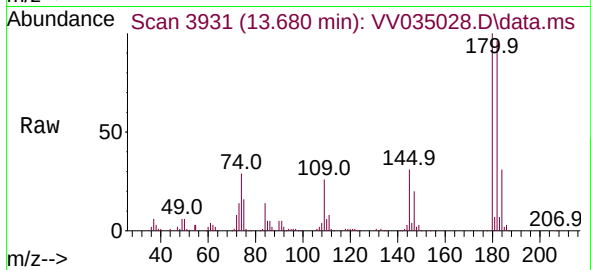
Lab File: VV035028.D

Acq: 06 Apr 2024 01:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 175986

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

145 30.7 25.8 38.6

