

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035024.D
 Acq On : 05 Apr 2024 23:28
 Operator : SY/MD
 Sample : P2006-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 03:19:07 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

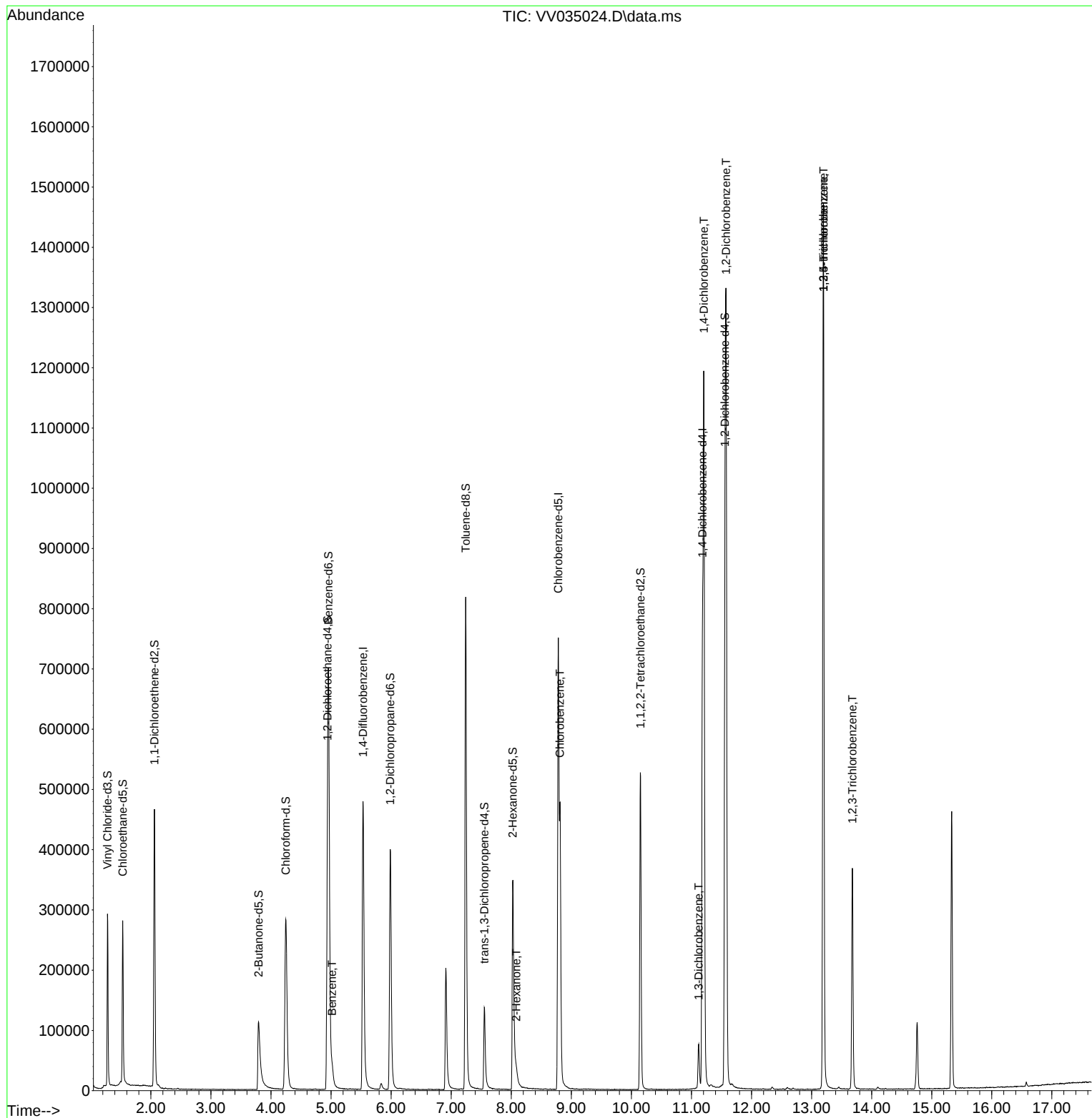
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	423948	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	396284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	177647	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	189236	46.220	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.440%	
7) Chloroethane-d5	1.532	69	167253	47.032	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.060%	
11) 1,1-Dichloroethene-d2	2.060	65	79754	44.438	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.880%	
21) 2-Butanone-d5	3.793	46	204033	84.025	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.030%	
24) Chloroform-d	4.246	84	307564	44.679	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.360%	
26) 1,2-Dichloroethane-d4	4.940	65	199025	45.538	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.080%	
32) Benzene-d6	4.957	84	641381	48.183	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.360%	
36) 1,2-Dichloropropane-d6	5.985	67	204332	48.340	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.680%	
41) Toluene-d8	7.243	98	559826	46.699	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	7.555	79	84583	41.161	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.320%	
47) 2-Hexanone-d5	8.024	63	118981	74.449	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	74.450%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	261138	44.862	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.720%	
66) 1,2-Dichlorobenzene-d4	11.558	152	193551	48.526	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.060%	
Target Compounds						
33) Benzene	5.014	78	38605	2.987	ug/L	100
48) 2-Hexanone	8.085	43	20825	5.370	ug/L #	78
51) Chlorobenzene	8.812	112	250464	28.565	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	31062	5.190	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	446762	73.406	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	449650	75.419	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	435716	101.016	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	435716	109.971	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	109897	28.139	ug/L	99

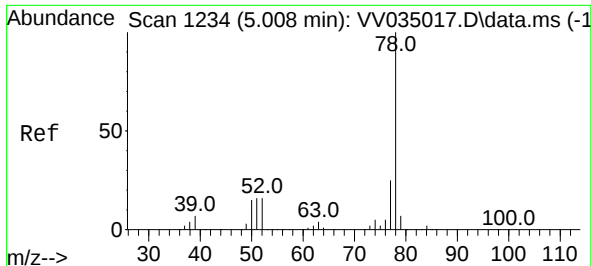
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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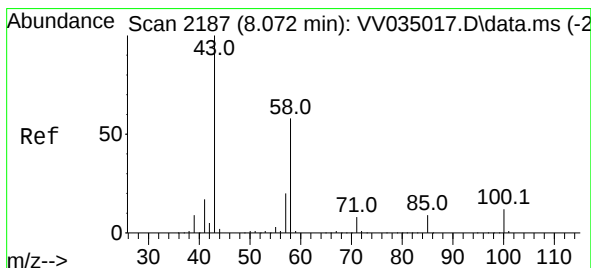
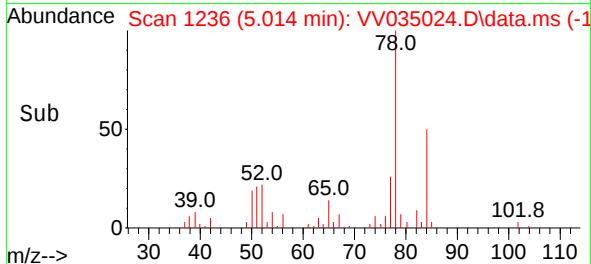
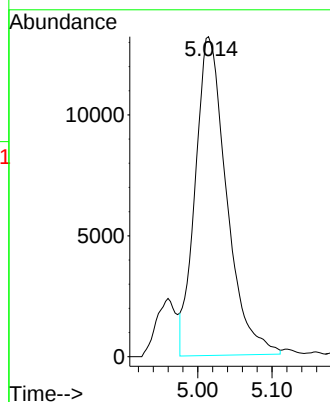
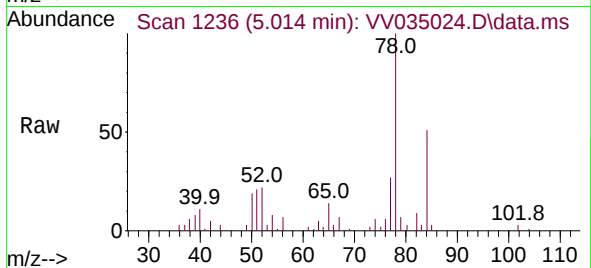




#33
Benzene
Concen: 2.987 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV035024.D
Acq: 05 Apr 2024 23:28

Instrument :
MSVOA_V
ClientSampleId :

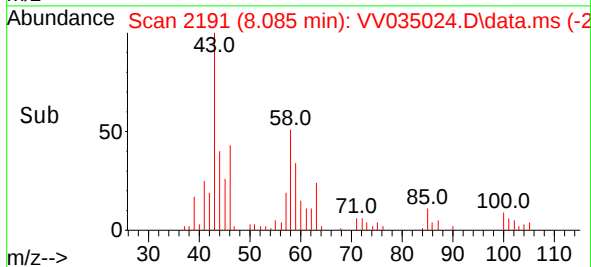
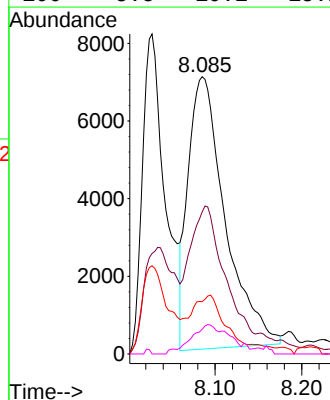
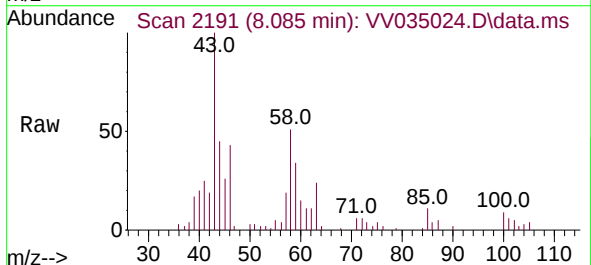
Tgt Ion: 78 Resp: 38605

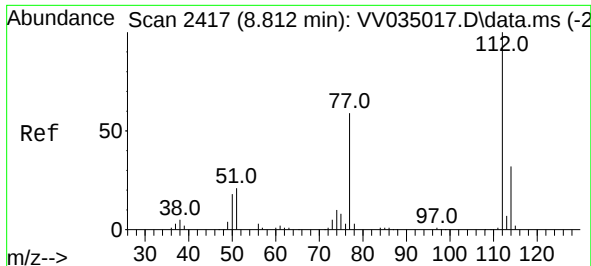


#48
2-Hexanone
Concen: 5.370 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV035024.D
Acq: 05 Apr 2024 23:28

Tgt Ion: 43 Resp: 20825

Ion	Ratio	Lower	Upper
43	100		
58	45.2	45.4	68.2#
57	1.5	16.2	24.4#
100	5.5	10.1	15.1#





#51

Chlorobenzene

Concen: 28.565 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035024.D

Acq: 05 Apr 2024 23:28

Instrument :

MSVOA_V

ClientSampleId :

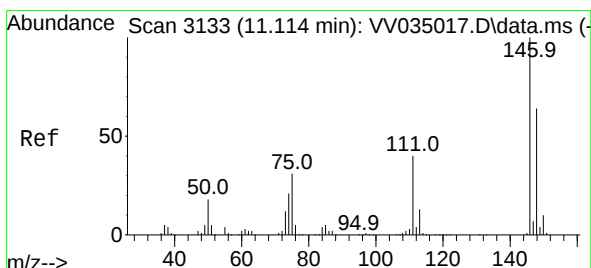
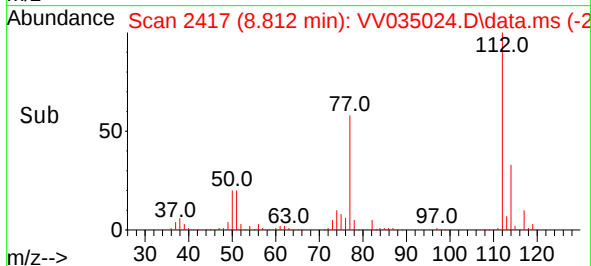
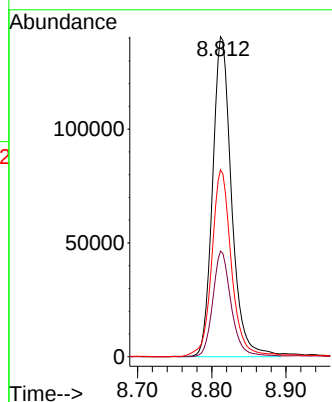
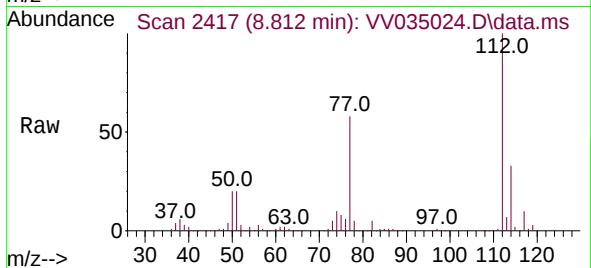
Tgt Ion:112 Resp: 250464

Ion Ratio Lower Upper

112 100

114 33.0 22.0 41.0

77 58.4 47.4 71.2



#64

1,3-Dichlorobenzene

Concen: 5.190 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035024.D

Acq: 05 Apr 2024 23:28

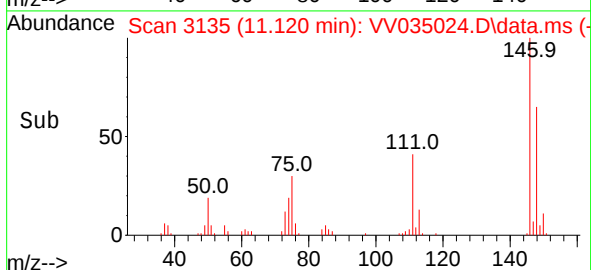
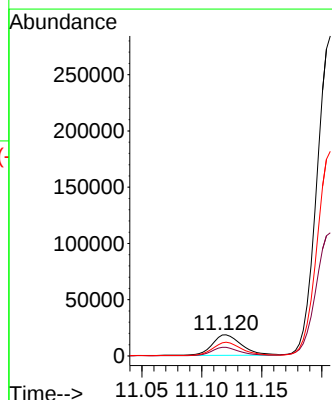
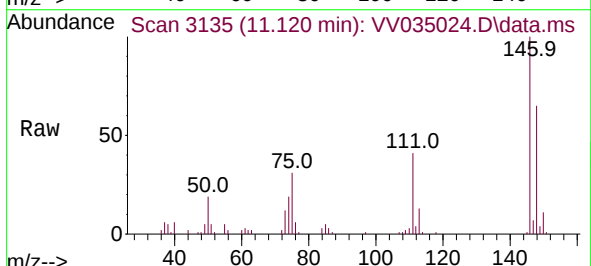
Tgt Ion:146 Resp: 31062

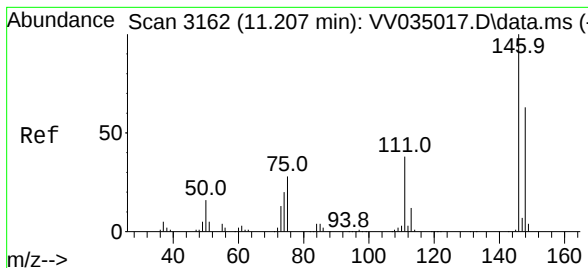
Ion Ratio Lower Upper

146 100

111 41.0 28.7 53.3

148 65.2 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 73.406 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035024.D

Acq: 05 Apr 2024 23:28

Instrument :

MSVOA_V

ClientSampleId :

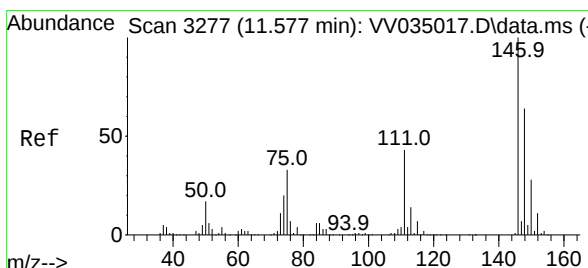
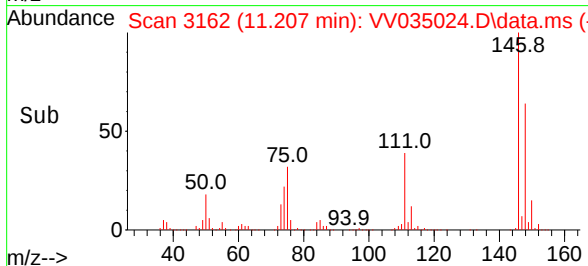
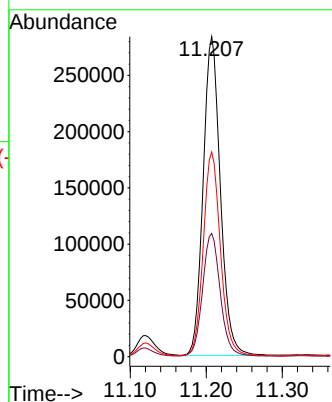
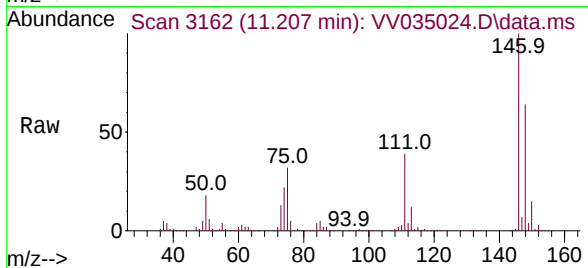
Tgt Ion:146 Resp: 446762

Ion Ratio Lower Upper

146 100

111 38.5 27.4 50.8

148 64.0 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 75.419 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035024.D

Acq: 05 Apr 2024 23:28

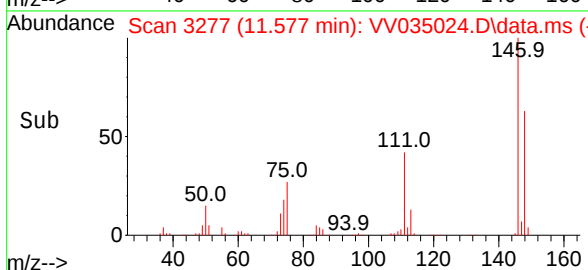
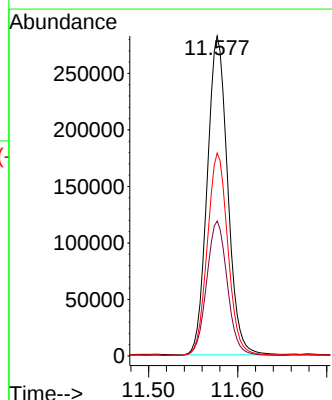
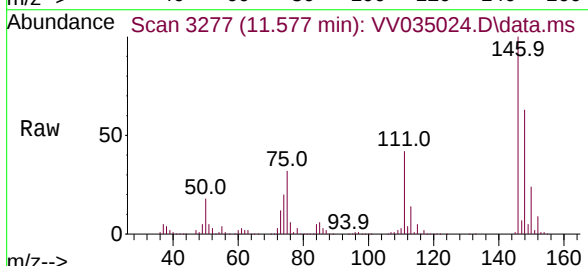
Tgt Ion:146 Resp: 449650

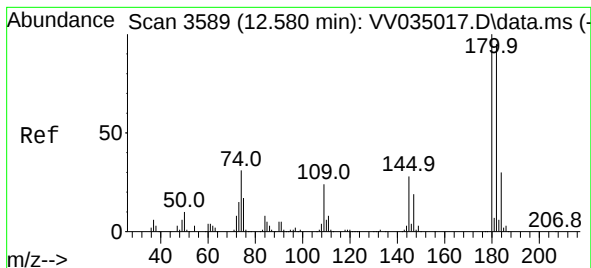
Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 63.4 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 101.016 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

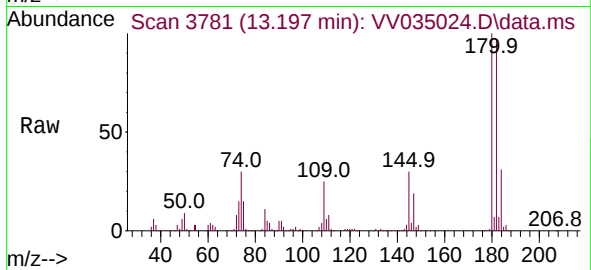
Lab File: VV035024.D

Acq: 05 Apr 2024 23:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 435716

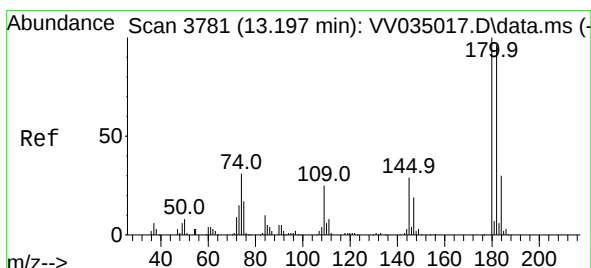
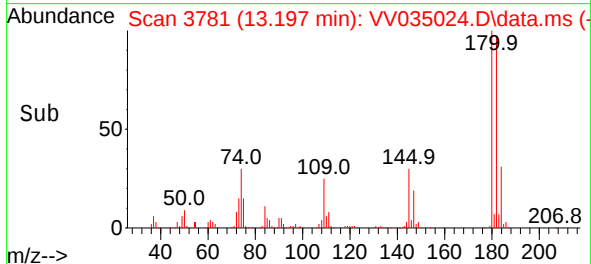
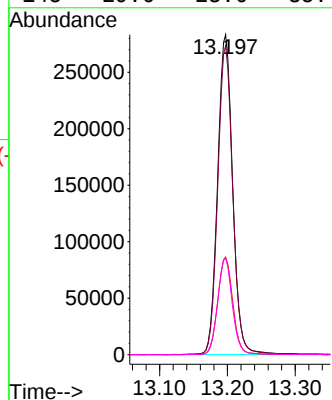
Ion Ratio Lower Upper

180 100

182 95.7 74.7 112.1

184 30.6 24.0 36.0

145 29.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 109.971 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035024.D

Acq: 05 Apr 2024 23:28

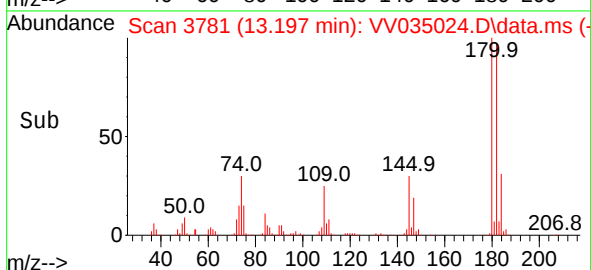
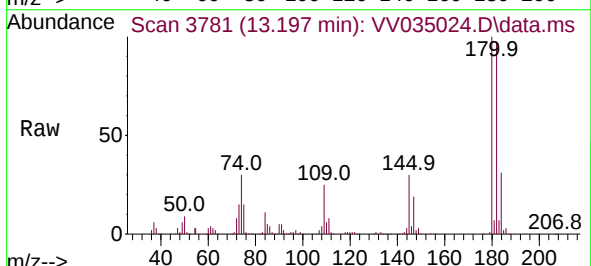
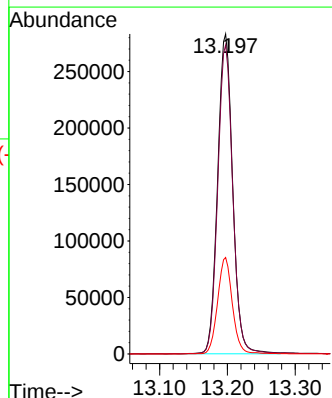
Tgt Ion:180 Resp: 435716

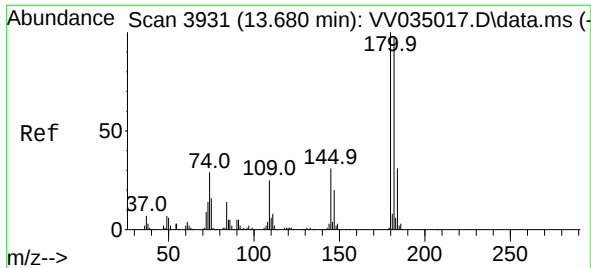
Ion Ratio Lower Upper

180 100

182 95.7 75.6 113.4

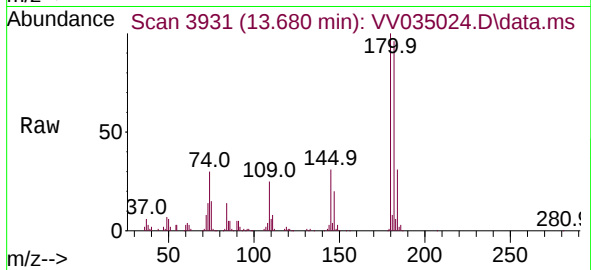
145 29.6 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 28.139 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. -0.000 min
 Lab File: VV035024.D
 Acq: 05 Apr 2024 23:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 109897
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.2 114.2
 145 31.0 25.8 38.6

