

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035372.D
 Acq On : 23 Apr 2024 19:47
 Operator : SY/MD
 Sample : P2158-11DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:32:26 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)

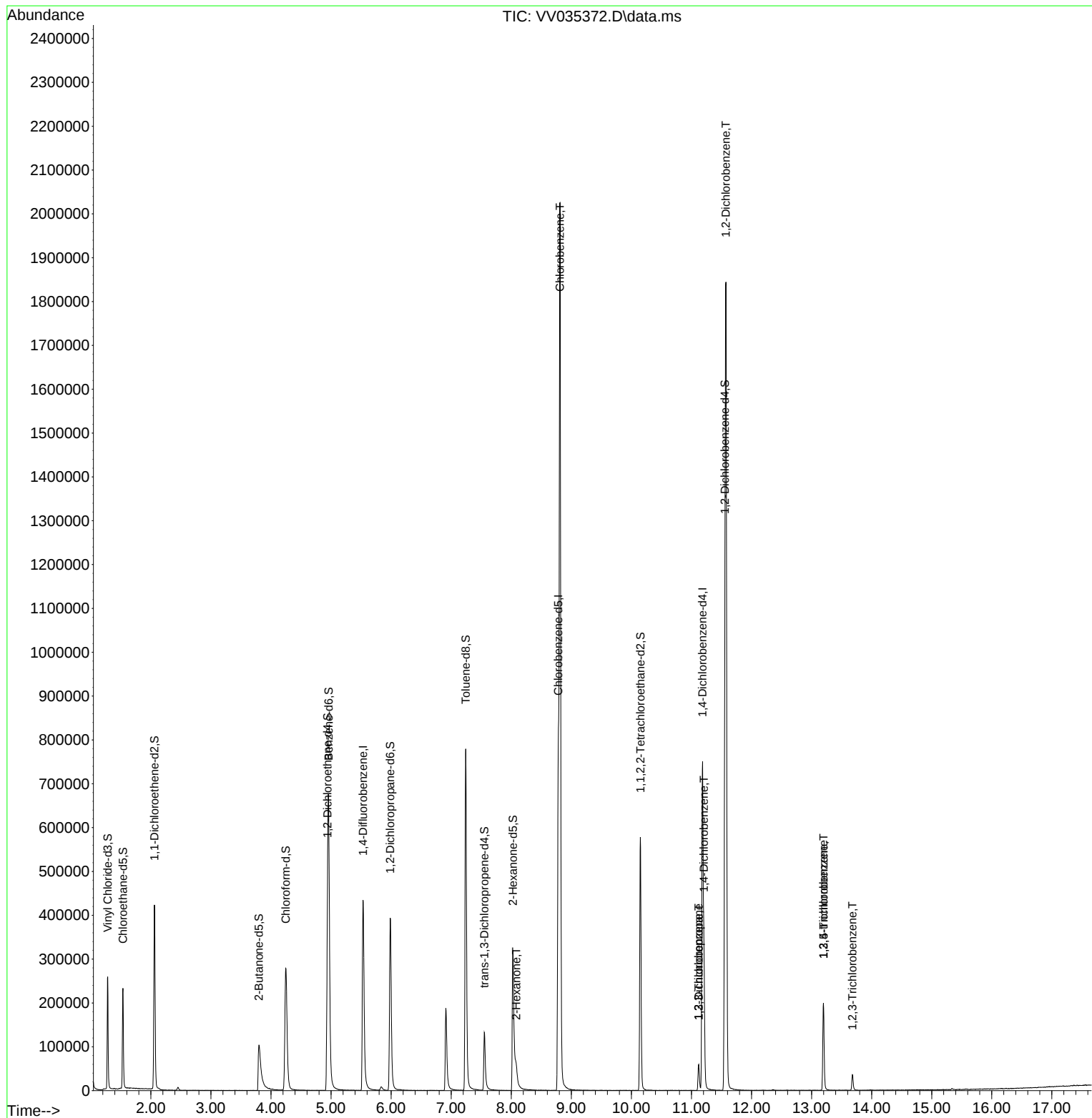
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	393614	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	402544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	190598	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	172877	45.478	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.960%		
7) Chloroethane-d5	1.535	69	145516	44.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.140%		
11) 1,1-Dichloroethene-d2	2.060	65	71954	43.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.360%		
21) 2-Butanone-d5	3.799	46	196262	87.054	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.050%		
24) Chloroform-d	4.246	84	314697	49.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.480%		
26) 1,2-Dichloroethane-d4	4.940	65	195290	48.127	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.260%		
32) Benzene-d6	4.960	84	624333	46.173	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
36) 1,2-Dichloropropane-d6	5.985	67	203114	47.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.600%		
41) Toluene-d8	7.243	98	537846	44.168	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.340%		
43) trans-1,3-Dichloroprop...	7.551	79	84427	40.446	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.900%		
47) 2-Hexanone-d5	8.027	63	110418	68.016	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.020%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	285146	48.225	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.440%		
66) 1,2-Dichlorobenzene-d4	11.558	152	224813	52.534	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.060%		
Target Compounds						Qvalue
48) 2-Hexanone	8.085	43	36590	9.289	ug/L #	84
51) Chlorobenzene	8.812	112	1091476	122.545	ug/L	98
61) 1,2,3-Trichloropropane	11.120	75	7376	1.786	ug/L #	48
64) 1,3-Dichlorobenzene	11.120	146	26621	4.146	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	128378	19.660	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	663737	103.763	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	64788	14.000	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	64788	15.241	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	12422	2.964	ug/L	99

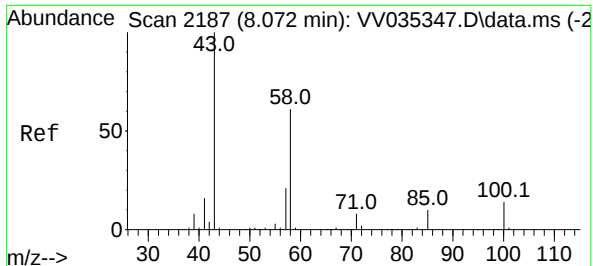
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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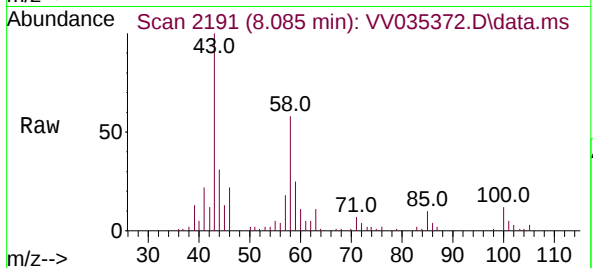
Quant Time: Apr 23 23:32:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
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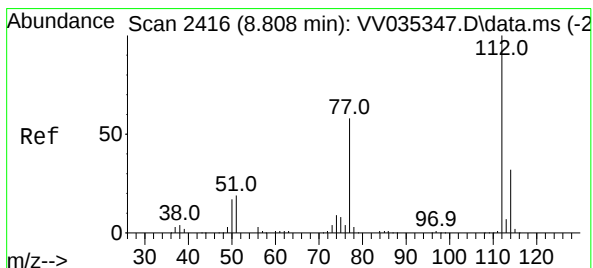
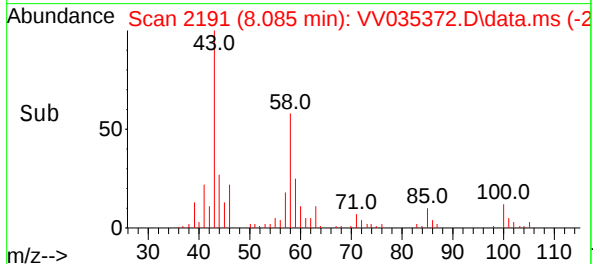
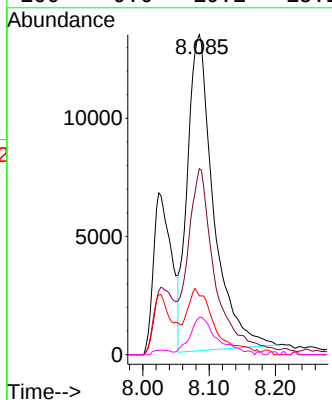
#48
2-Hexanone
Concen: 9.289 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV035372.D
Acq: 23 Apr 2024 19:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 36590

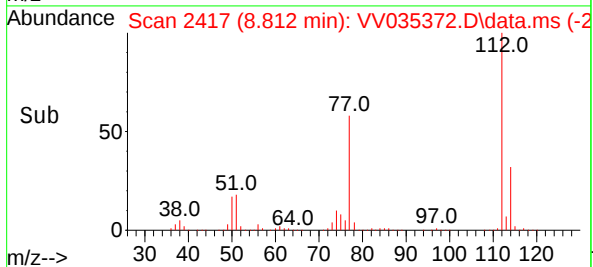
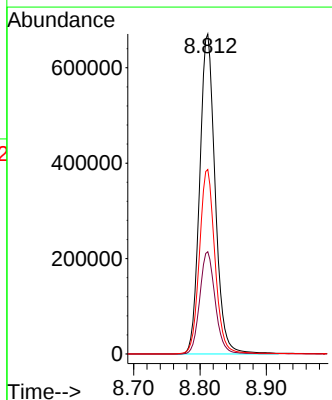
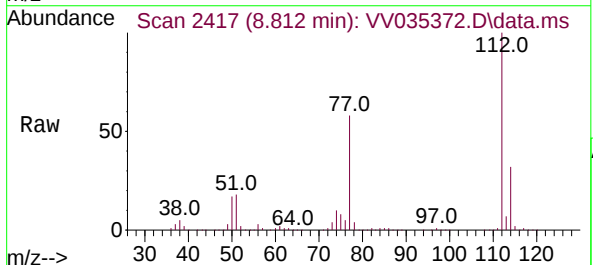
Ion	Ratio	Lower	Upper
43	100		
58	49.2	45.4	68.2
57	4.3	16.2	24.4#
100	9.6	10.1	15.1#

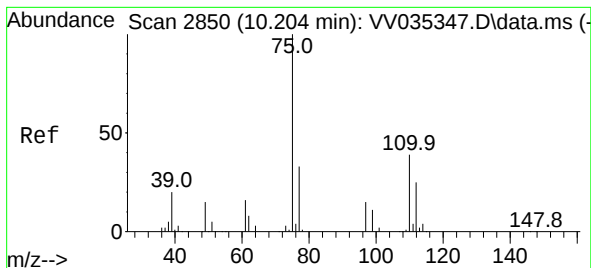


#51
Chlorobenzene
Concen: 122.545 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035372.D
Acq: 23 Apr 2024 19:47

Tgt Ion: 112 Resp: 1091476

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.0	41.0
77	57.7	47.4	71.2





#61

1,2,3-Trichloropropane

Concen: 1.786 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.916 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

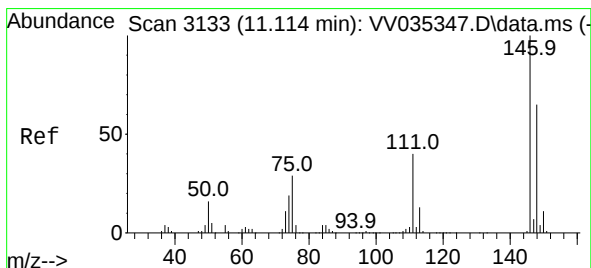
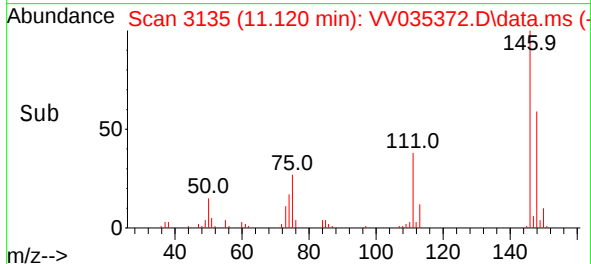
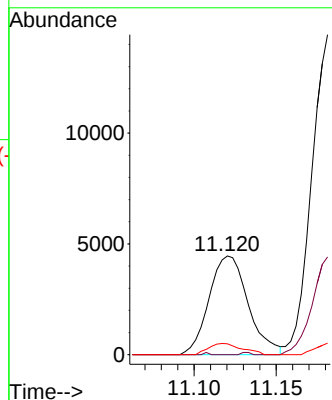
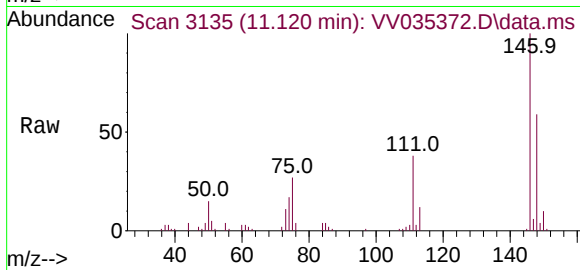
Tgt Ion: 75 Resp: 7376

Ion Ratio Lower Upper

75 100

77 0.5 26.0 39.0#

110 9.7 30.5 45.7#



#64

1,3-Dichlorobenzene

Concen: 4.146 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

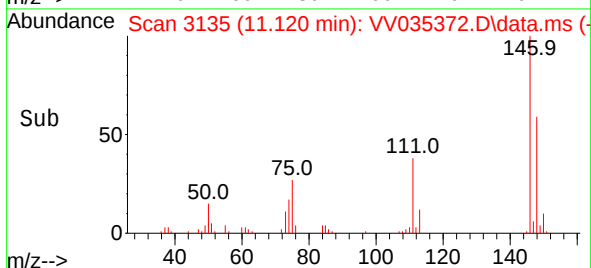
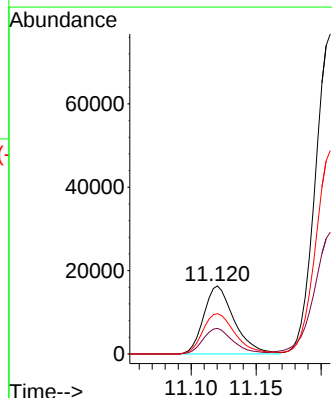
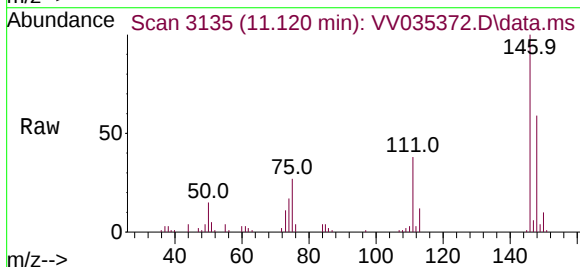
Tgt Ion:146 Resp: 26621

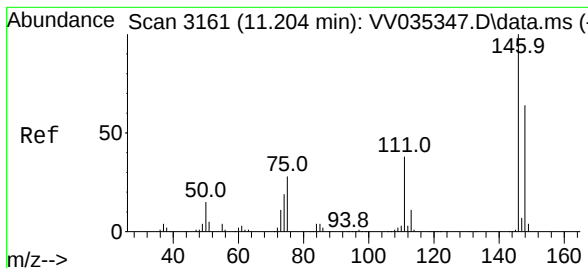
Ion Ratio Lower Upper

146 100

111 37.7 28.7 53.3

148 59.2 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 19.660 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

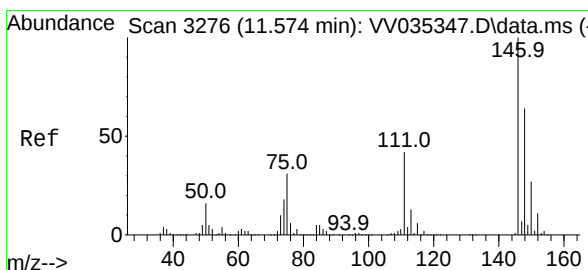
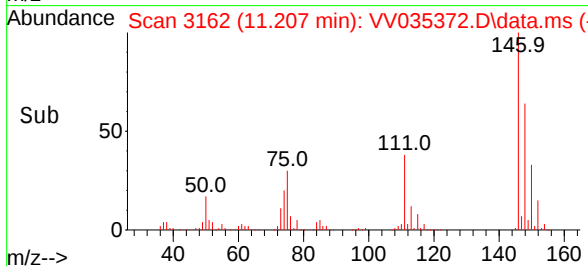
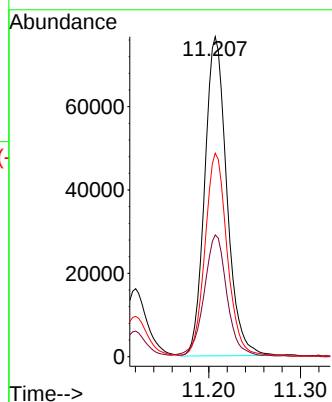
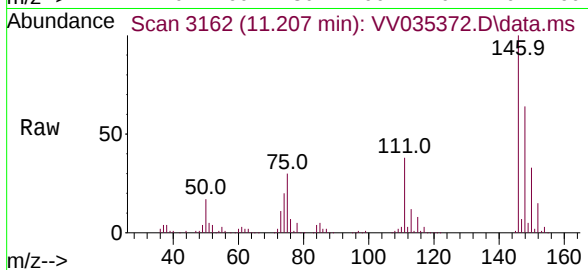
Tgt Ion:146 Resp: 128378

Ion Ratio Lower Upper

146 100

111 38.1 27.4 50.8

148 63.6 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 103.763 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

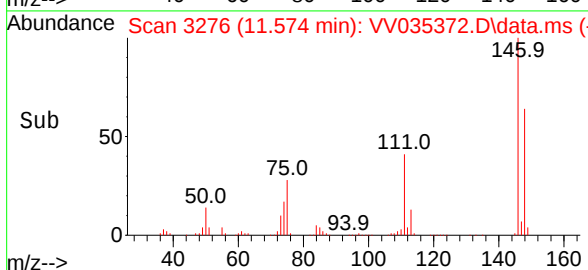
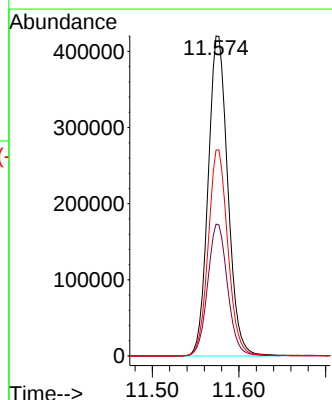
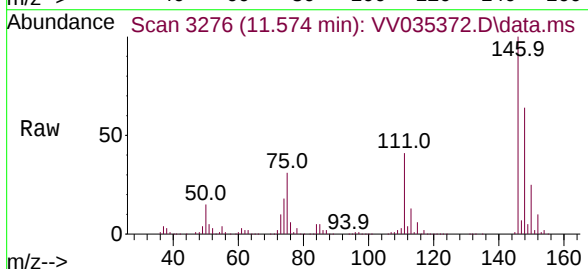
Tgt Ion:146 Resp: 663737

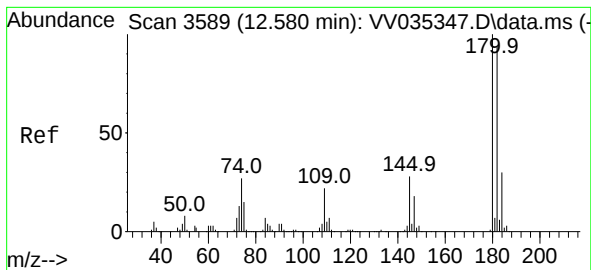
Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 64.4 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 14.000 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.617 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 64788

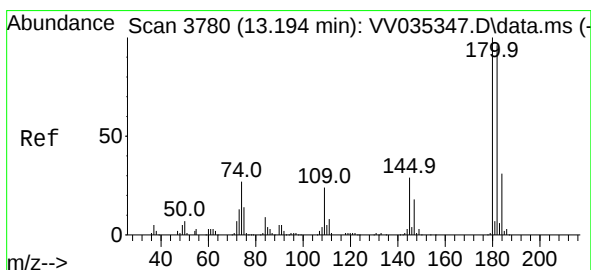
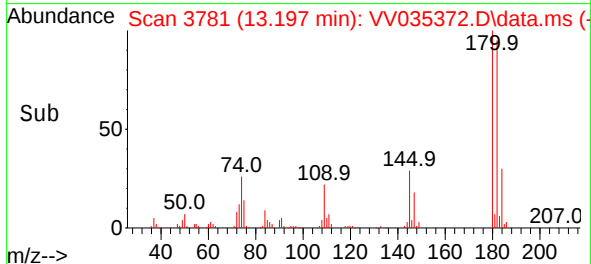
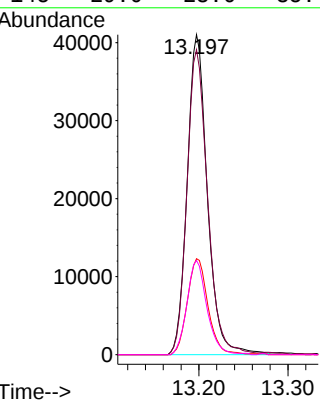
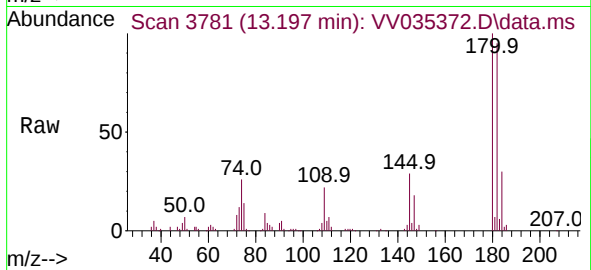
Ion Ratio Lower Upper

180 100

182 96.9 74.7 112.1

184 30.6 24.0 36.0

145 29.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 15.241 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035372.D

Acq: 23 Apr 2024 19:47

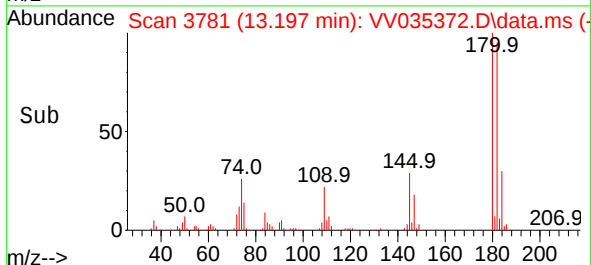
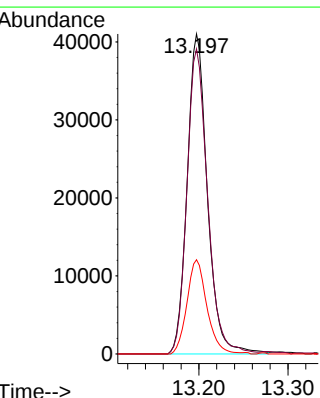
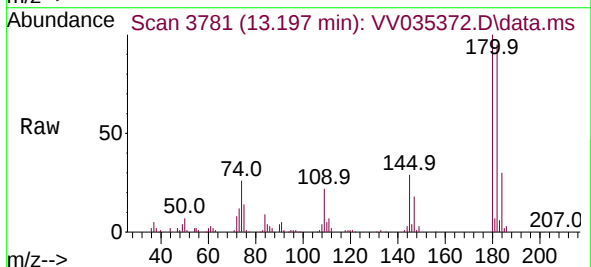
Tgt Ion:180 Resp: 64788

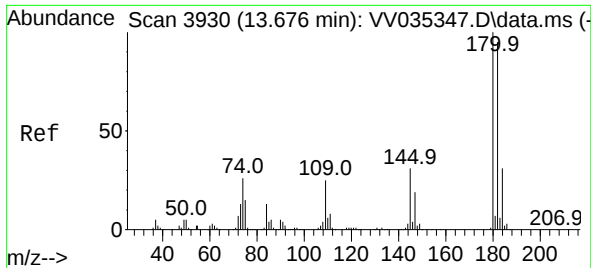
Ion Ratio Lower Upper

180 100

182 96.9 75.6 113.4

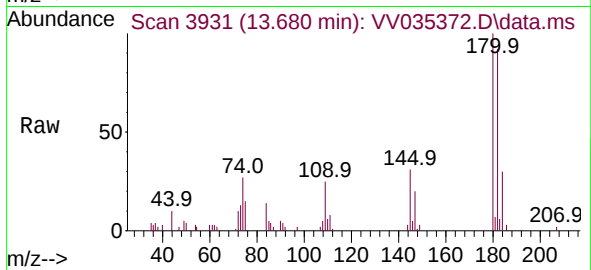
145 29.0 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.964 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV035372.D
 Acq: 23 Apr 2024 19:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	12422
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.2	114.2
145	30.2	25.8	38.6

