

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031324\
 Data File : VW034566.D
 Acq On : 13 Mar 2024 11:41
 Operator : SY/MD
 Sample : P1728-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B74

Quant Time: Mar 14 02:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

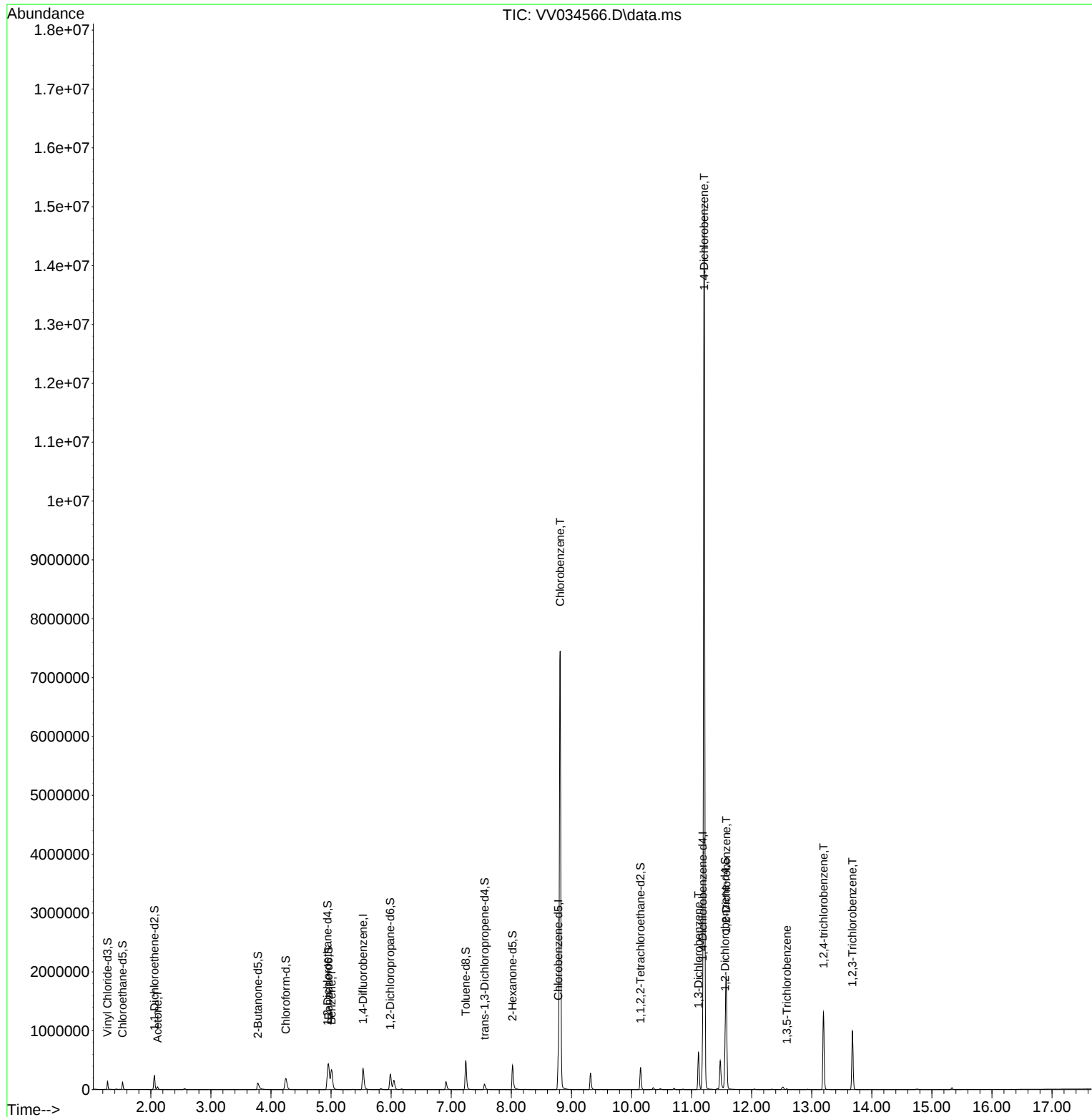
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306455	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162675	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84856	31.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.880%		
7) Chloroethane-d5	1.529	69	82333	39.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.560%		
11) 1,1-Dichloroethene-d2	2.059	65	41336	34.405	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.800%		
21) 2-Butanone-d5	3.780	46	189181	106.485	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.480%		
24) Chloroform-d	4.246	84	205448	43.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.480%		
26) 1,2-Dichloroethane-d4	4.940	65	143339	46.697	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.400%		
32) Benzene-d6	4.956	84	369837	40.539	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.080%		
36) 1,2-Dichloropropane-d6	5.985	67	123472	44.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.700%		
41) Toluene-d8	7.243	98	321324	38.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.840%#		
43) trans-1,3-Dichloroprop...	7.554	79	54877	39.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.500%		
47) 2-Hexanone-d5	8.021	63	138615	99.702	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.700%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	173884	47.458	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.920%		
66) 1,2-Dichlorobenzene-d4	11.557	152	146136	43.949	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.900%		
Target Compounds						Qvalue
13) Acetone	2.111	43	45973	21.525	ug/L	99
33) Benzene	5.008	78	349469	37.245	ug/L	100
51) Chlorobenzene	8.812	112	3634017	566.065	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	247869	46.596	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	5443561	1007.690	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	678555	127.299	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	4174	1.046	ug/L	93
70) 1,2,4-trichlorobenzene	13.197	180	374084	104.178	ug/L	98
72) 1,2,3-Trichlorobenzene	13.676	180	282159	80.548	ug/L	99

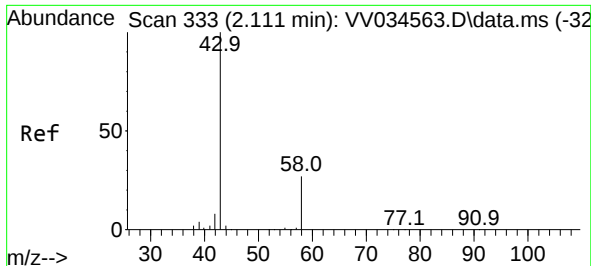
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 14 02:22:43 2024
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Quant Title : VOC Analysis
QLast Update : Thu Mar 14 02:21:30 2024
Response via : Initial Calibration





#13

Acetone

Concen: 21.525 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034566.D

Acq: 13 Mar 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

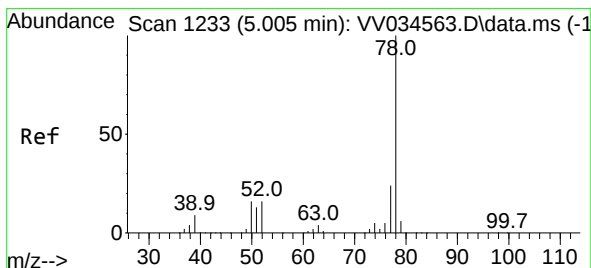
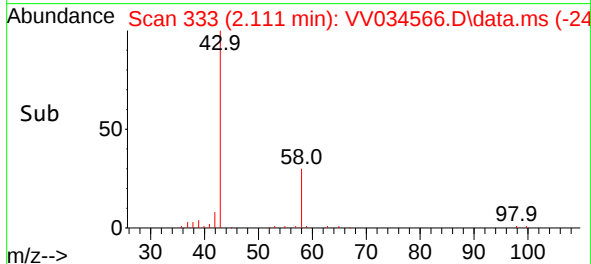
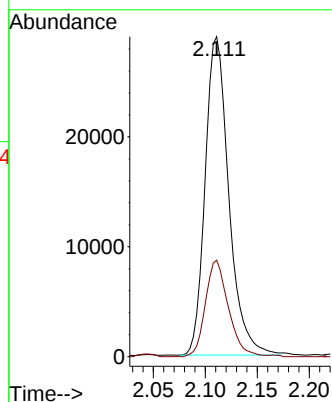
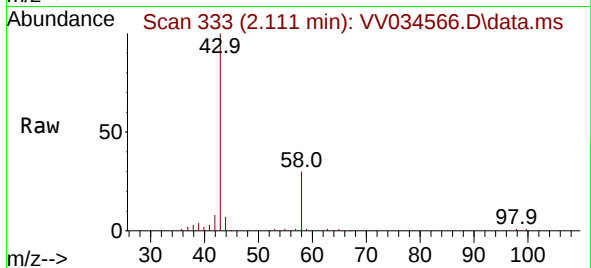
C0B74

Tgt Ion: 43 Resp: 45973

Ion Ratio Lower Upper

43 100

58 29.3 0.0 57.2



#33

Benzene

Concen: 37.245 ug/L

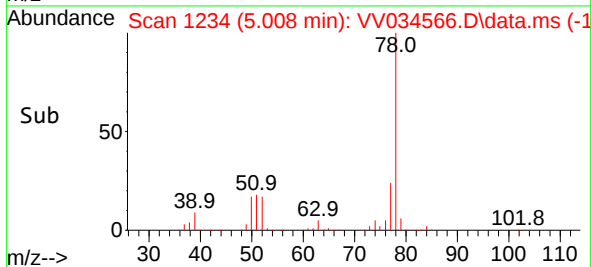
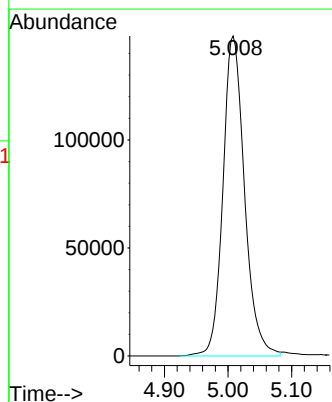
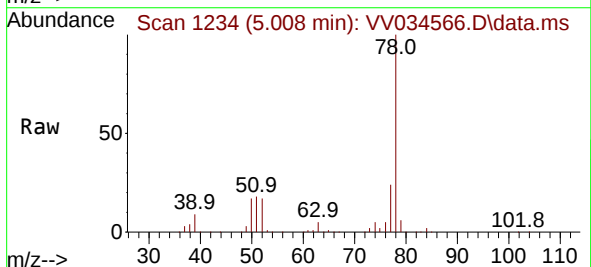
RT: 5.008 min Scan# 1234

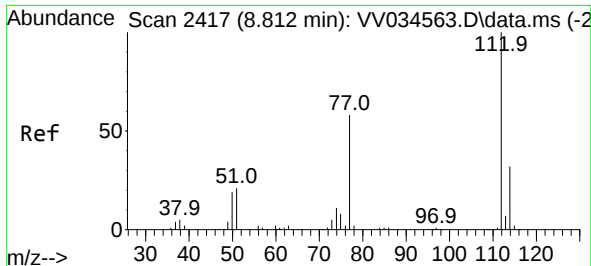
Delta R.T. 0.003 min

Lab File: VV034566.D

Acq: 13 Mar 2024 11:41

Tgt Ion: 78 Resp: 349469

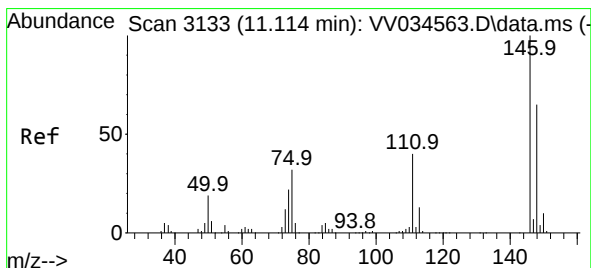
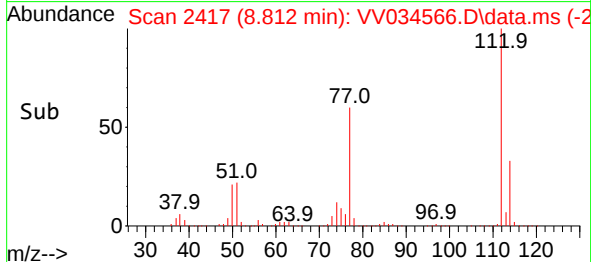
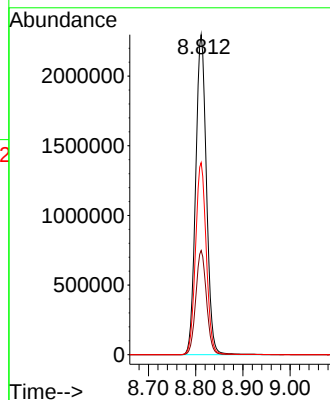
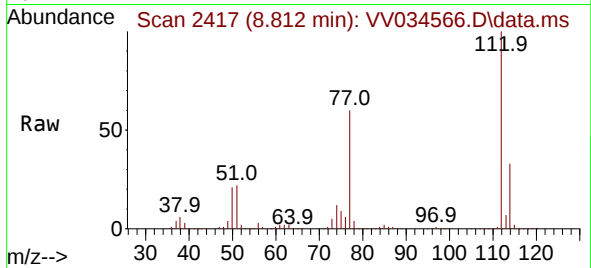




#51
Chlorobenzene
Concen: 566.065 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034566.D
Acq: 13 Mar 2024 11:41

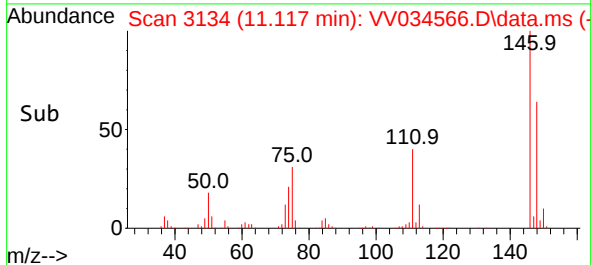
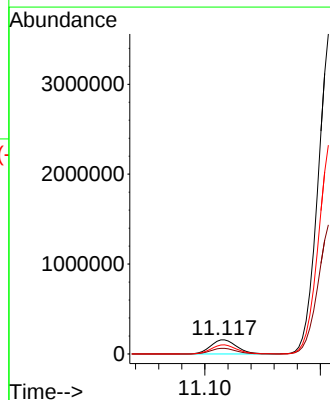
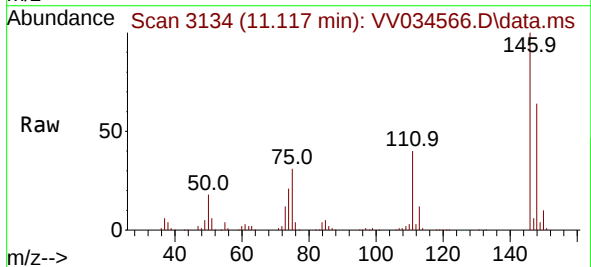
Instrument :
MSVOA_V
ClientSampleId :
C0B74

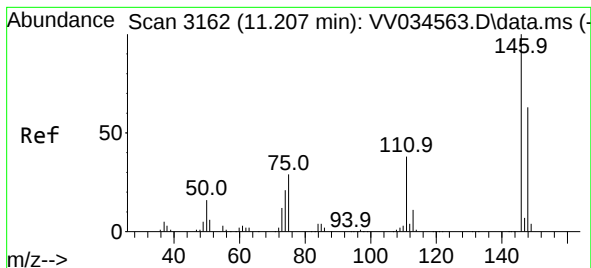
Tgt Ion:112 Resp: 3634017
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.5
77 60.0 47.7 71.5



#64
1,3-Dichlorobenzene
Concen: 46.596 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV034566.D
Acq: 13 Mar 2024 11:41

Tgt Ion:146 Resp: 247869
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.7
148 64.2 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 1007.690 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034566.D

Acq: 13 Mar 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

C0B74

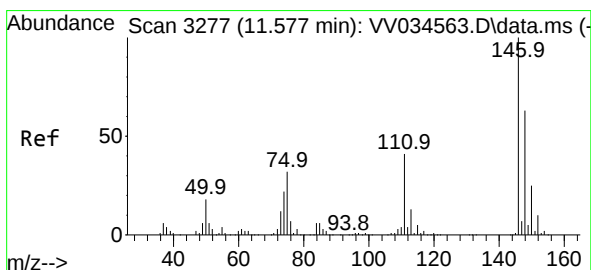
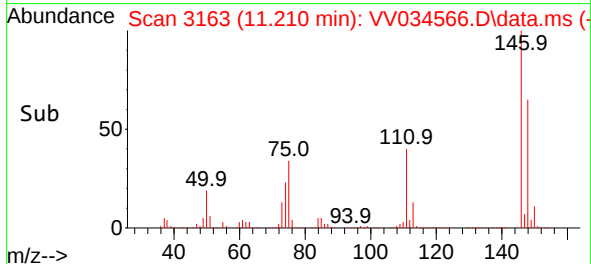
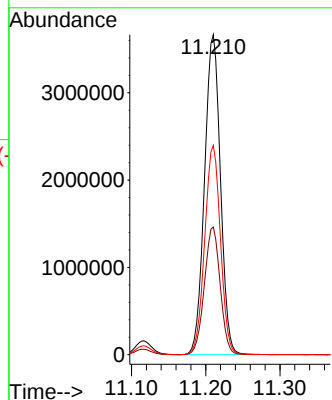
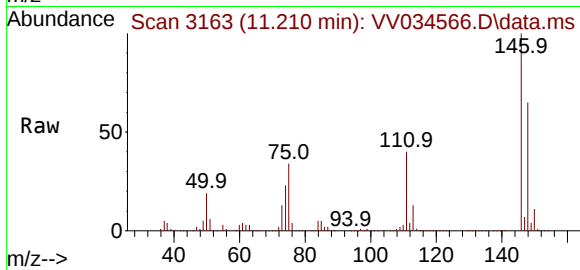
Tgt Ion:146 Resp: 5443561

Ion Ratio Lower Upper

146 100

111 39.9 26.5 49.1

148 65.4 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 127.299 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV034566.D

Acq: 13 Mar 2024 11:41

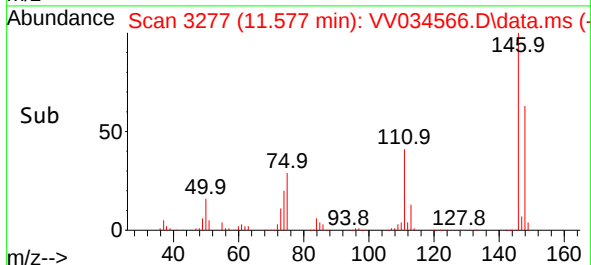
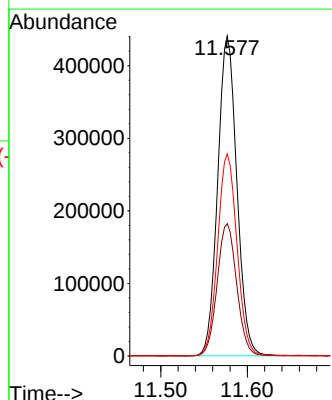
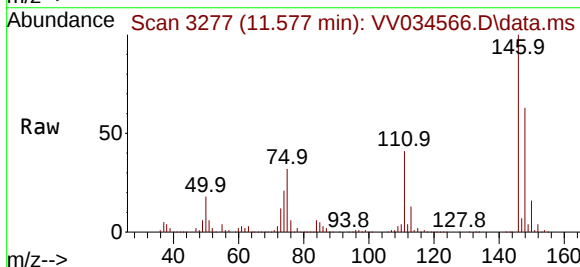
Tgt Ion:146 Resp: 678555

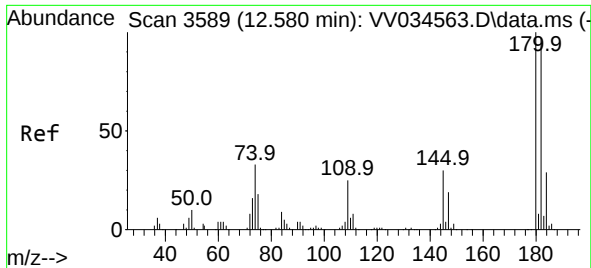
Ion Ratio Lower Upper

146 100

111 41.4 33.8 50.8

148 63.1 51.3 76.9

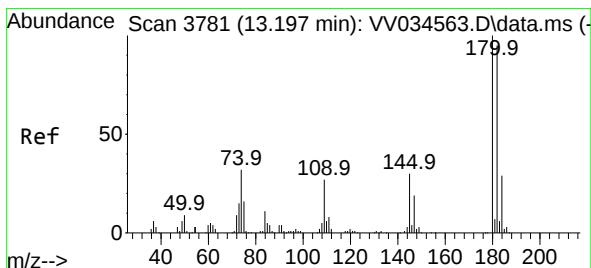
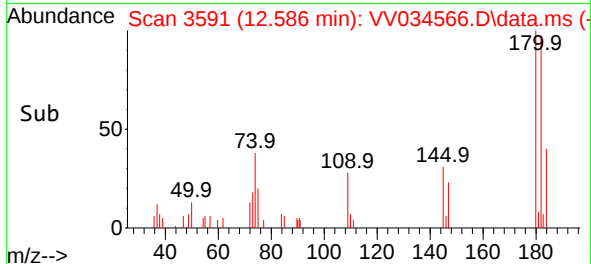
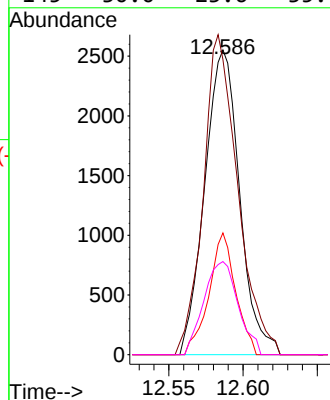
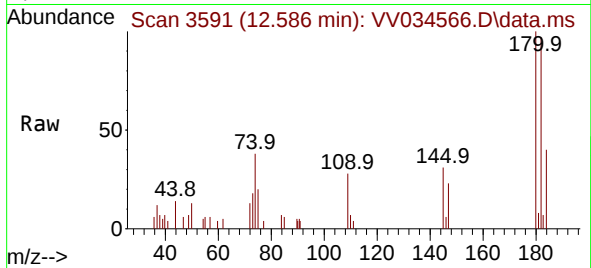




#69
 1,3,5-Trichlorobenzene
 Concen: 1.046 ug/L
 RT: 12.586 min Scan# 3591
 Delta R.T. 0.006 min
 Lab File: VV034566.D
 Acq: 13 Mar 2024 11:41

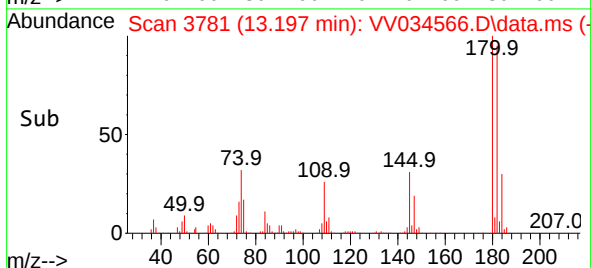
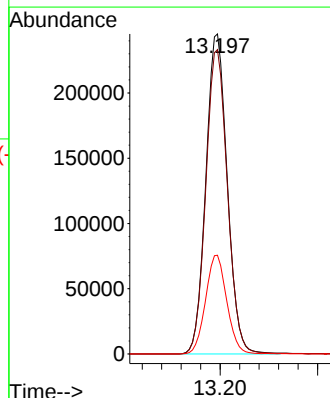
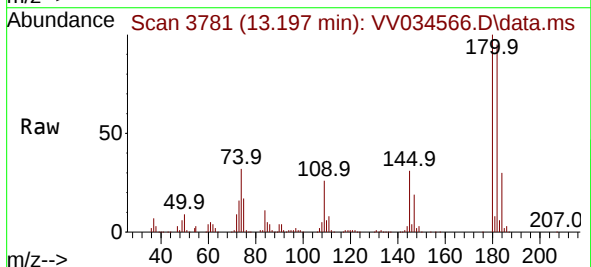
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B74

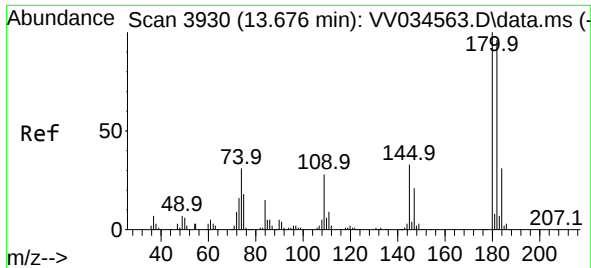
Tgt Ion:	180	Resp:	4174
Ion	Ratio	Lower	Upper
180	100		
182	103.4	74.6	112.0
184	30.5	23.6	35.4
145	30.0	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 104.178 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.000 min
 Lab File: VV034566.D
 Acq: 13 Mar 2024 11:41

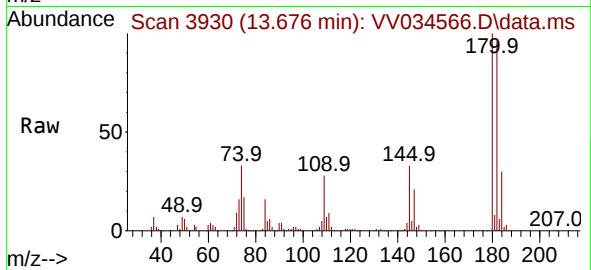
Tgt Ion:	180	Resp:	374084
Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.8	112.2
145	30.5	24.2	36.4





#72
 1,2,3-Trichlorobenzene
 Concen: 80.548 ug/L
 RT: 13.676 min Scan# 3930
 Delta R.T. -0.000 min
 Lab File: VV034566.D
 Acq: 13 Mar 2024 11:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B74



Tgt Ion:180 Resp: 282159
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.9 113.9
 145 32.6 25.5 38.3

