

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
 Data File : VV034566.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 :

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)

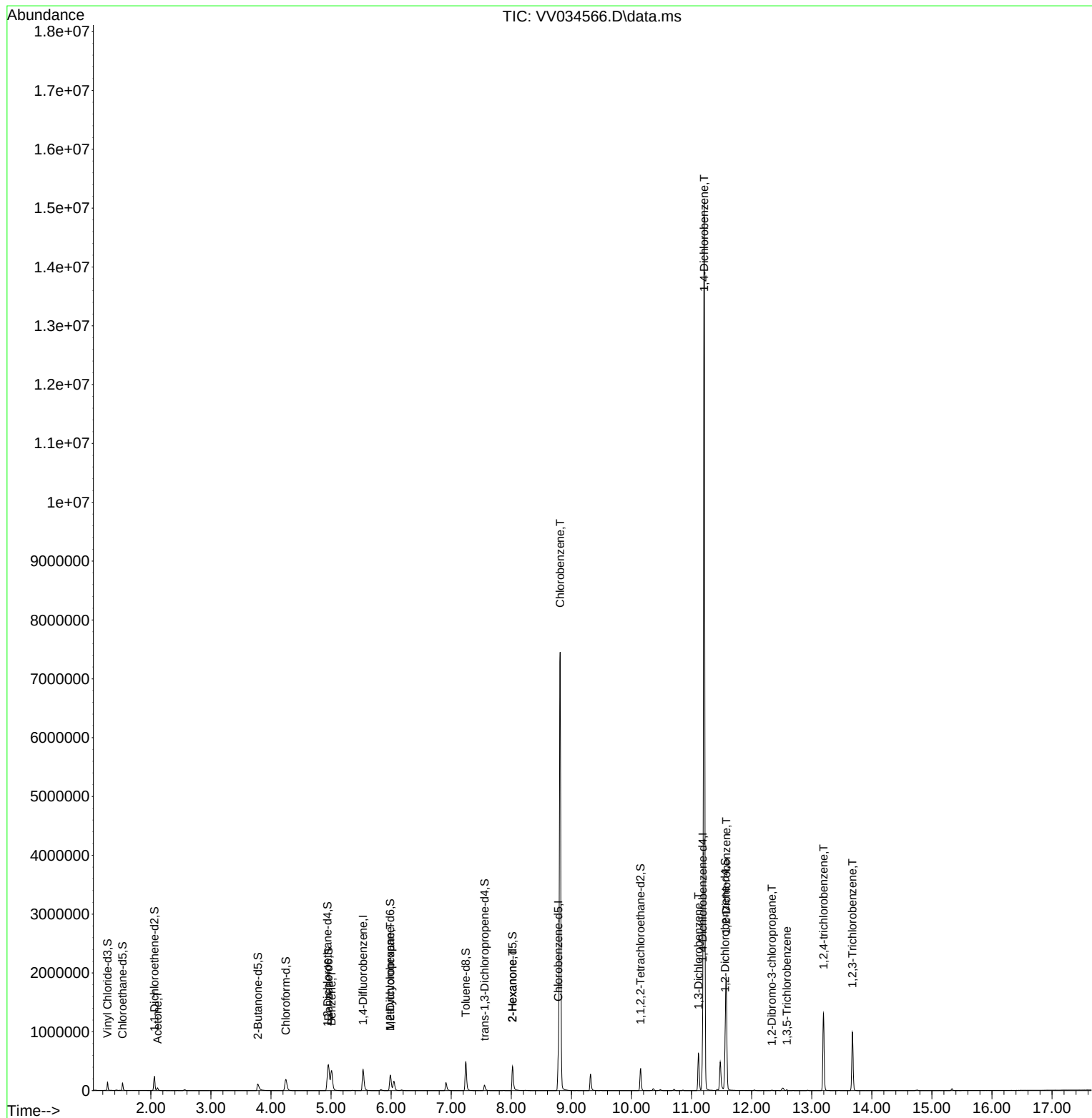
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	306455	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162675	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84856	31.941	ug/L	0.00
Spiked Amount	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
35) Methylcyclohexane	5.985	83	31018	7.650	ug/L	# 31
48) 2-Hexanone	8.021	43	16952	5.873	ug/L	# 71
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
68) 1,2-Dibromo-3-chloropr...	12.336	75	1611	1.742	ug/L	# 4
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

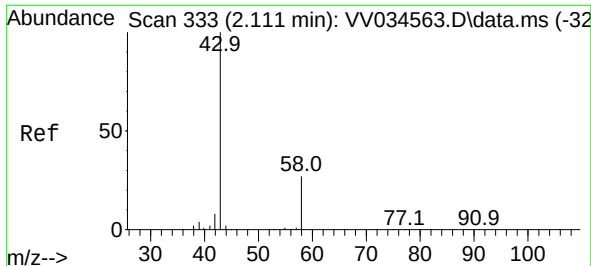
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant 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# 333

Delta R.T. -0.000 min

Lab File: VV034566.D

Acq: 13 Mar 2024 11:41

Instrument :

MSVOA_V

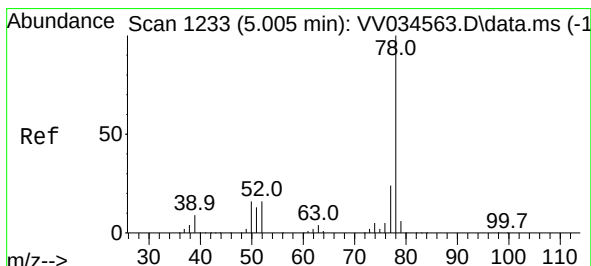
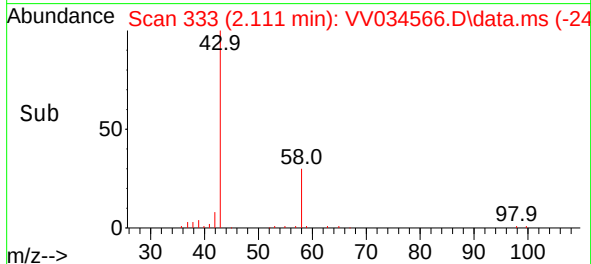
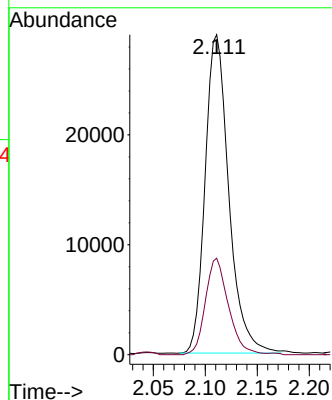
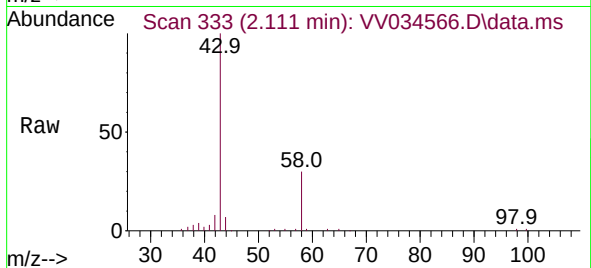
ClientSampleId :

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

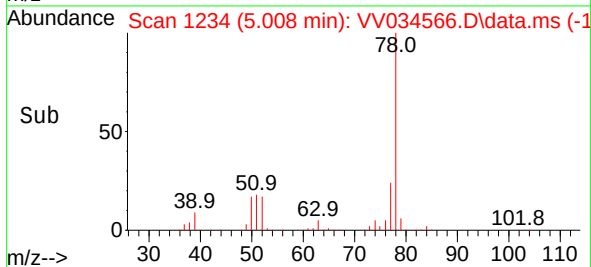
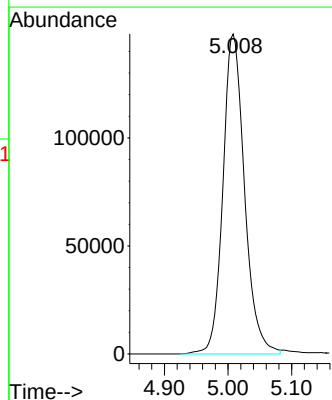
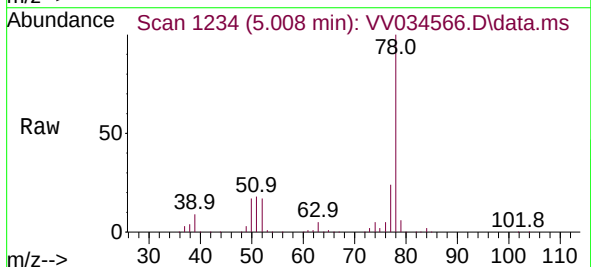
RT: 5.008 min Scan# 1234

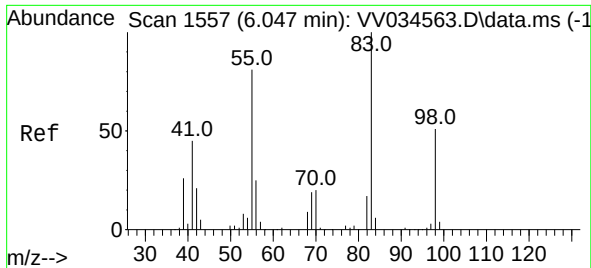
Delta R.T. 0.003 min

Lab File: VV034566.D

Acq: 13 Mar 2024 11:41

Tgt Ion: 78 Resp: 349469





#35

Methylcyclohexane

Concen: 7.650 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV034566.D

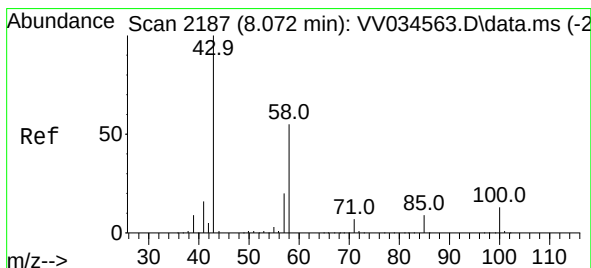
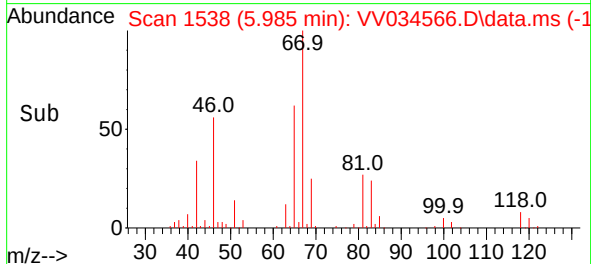
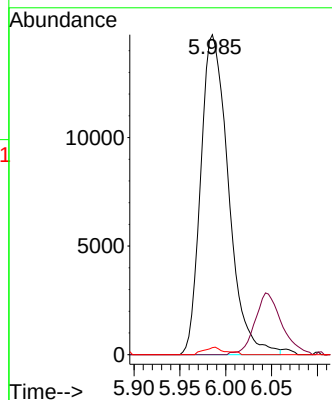
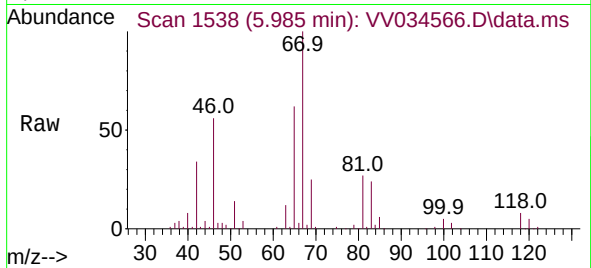
Acq: 13 Mar 2024 11:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 31018
Ion Ratio	Lower Upper
83 100	
55 18.5	62.6 94.0#
98 1.6	39.5 59.3#



#48

2-Hexanone

Concen: 5.873 ug/L

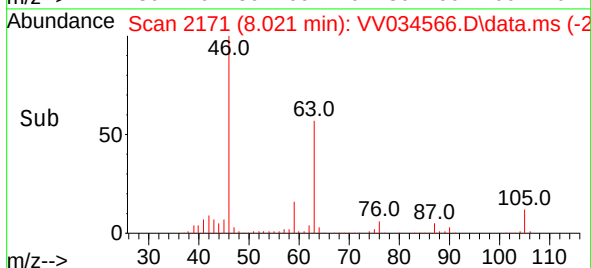
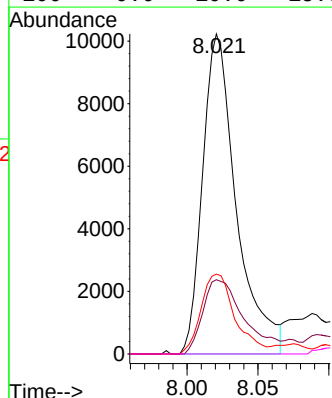
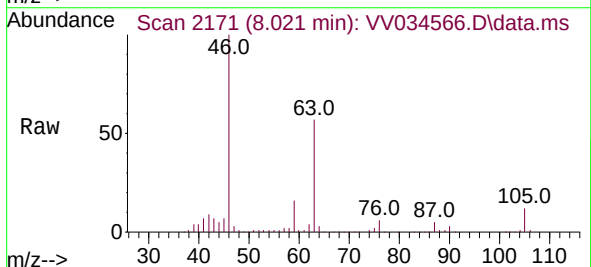
RT: 8.021 min Scan# 2171

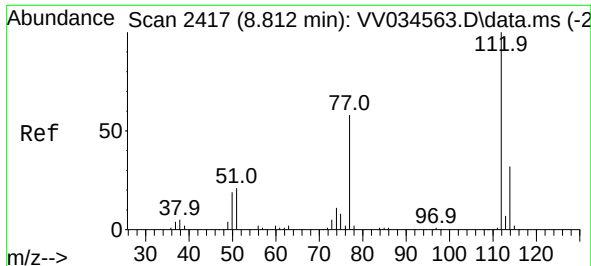
Delta R.T. -0.052 min

Lab File: VV034566.D

Acq: 13 Mar 2024 11:41

Tgt Ion: 43	Resp: 16952
Ion Ratio	Lower Upper
43 100	
58 28.5	42.0 63.0#
57 25.1	15.2 22.8#
100 0.0	10.0 15.0#





#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 :

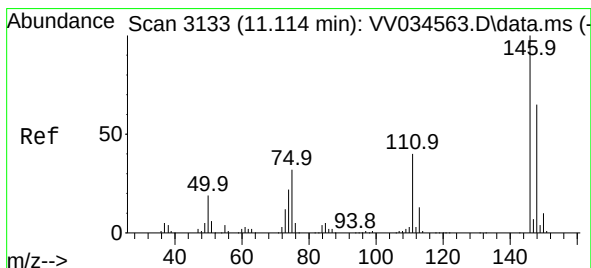
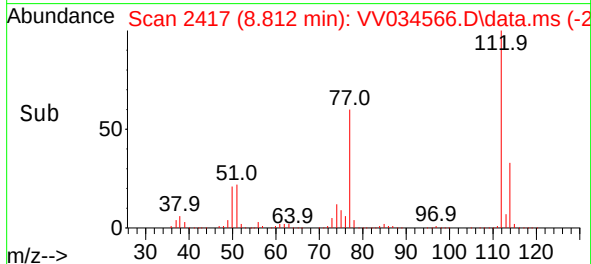
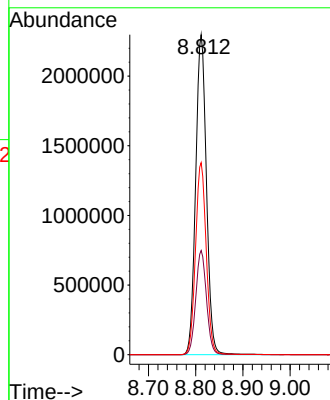
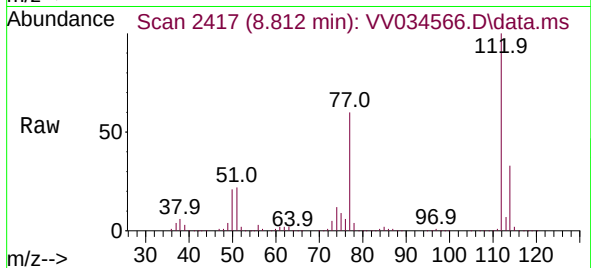
Tgt Ion:112 Resp: 3634017

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

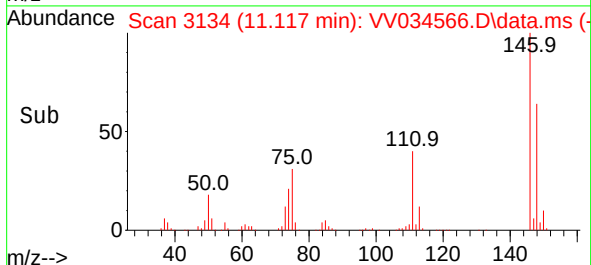
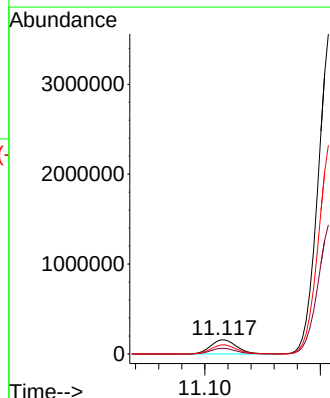
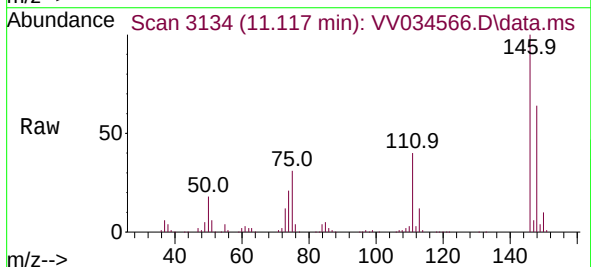
Tgt Ion:146 Resp: 247869

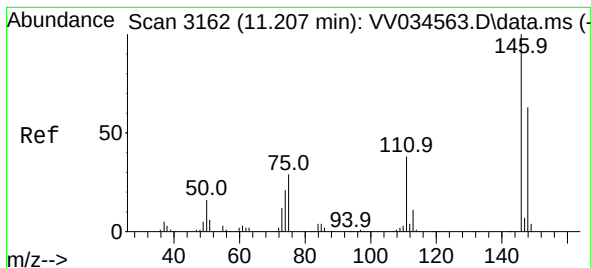
Ion Ratio Lower Upper

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 :

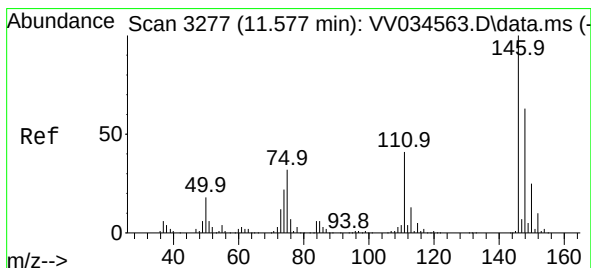
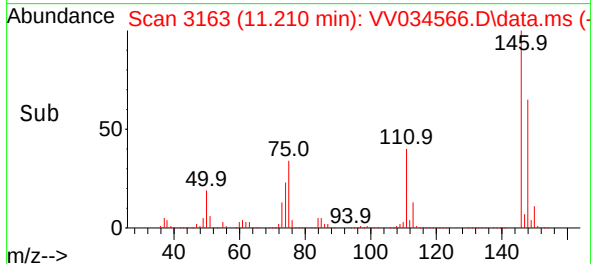
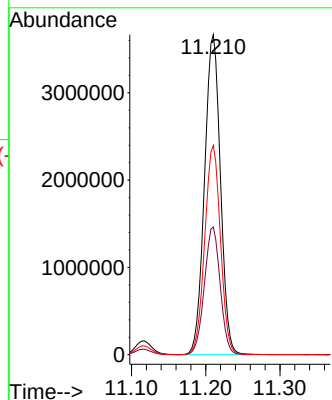
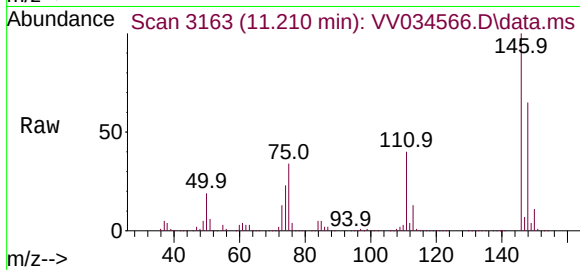
Tgt Ion:146 Resp: 5443561

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

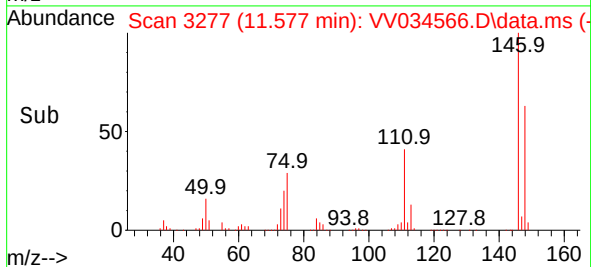
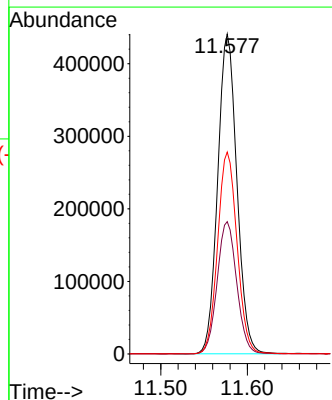
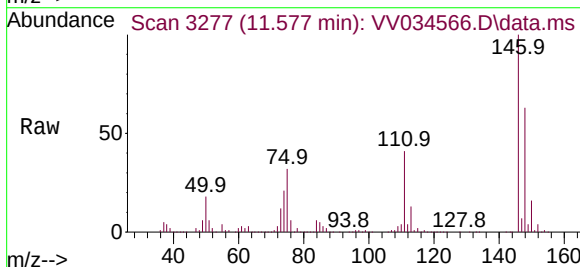
Tgt Ion:146 Resp: 678555

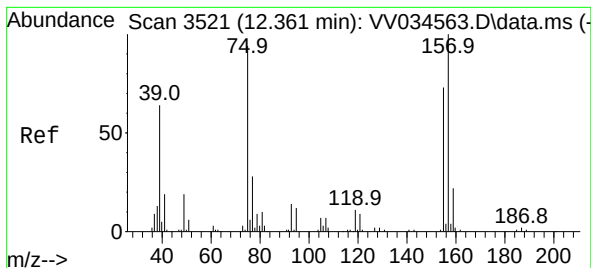
Ion Ratio Lower Upper

146 100

111 41.4 33.8 50.8

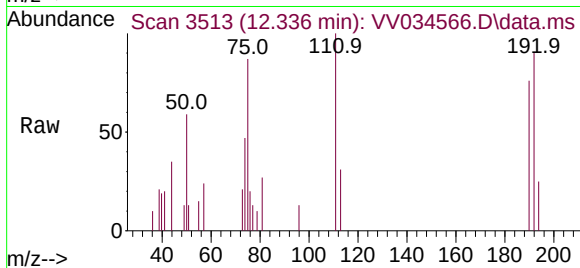
148 63.1 51.3 76.9



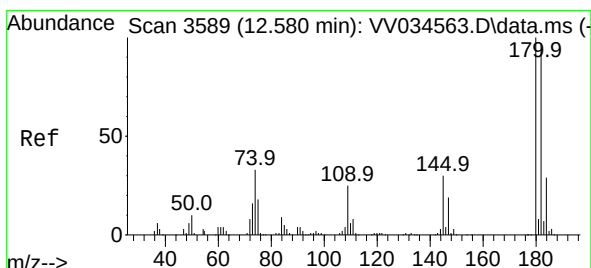
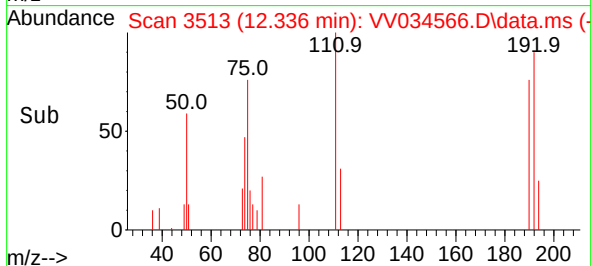
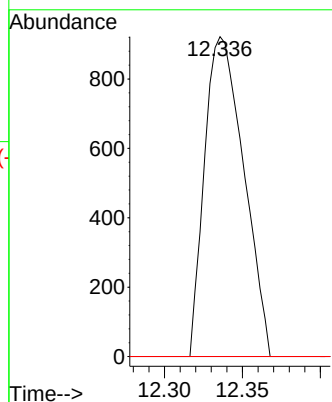


#68
1,2-Dibromo-3-chloropropane
Concen: 1.742 ug/L
RT: 12.336 min Scan# 3513
Delta R.T. -0.026 min
Lab File: VV034566.D
Acq: 13 Mar 2024 11:41

Instrument :
MSVOA_V
ClientSampleId :

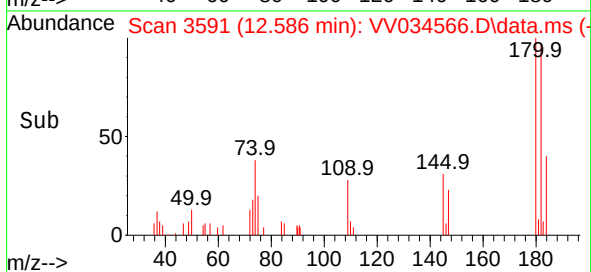
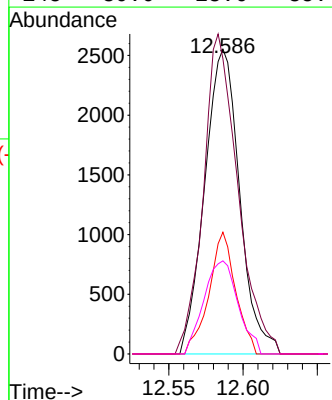
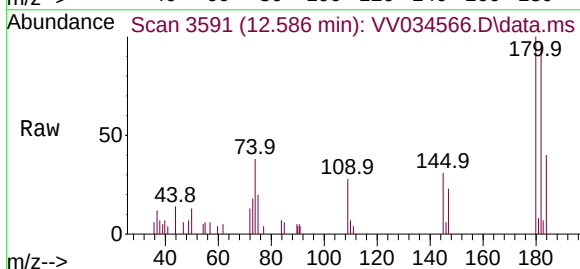


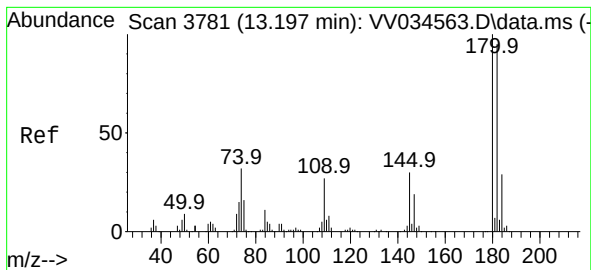
Tgt Ion: 75 Resp: 1611
Ion Ratio Lower Upper
75 100
155 0.0 63.3 94.9#
157 0.0 81.4 122.0#



#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

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

Instrument :

MSVOA_V

ClientSampleId :

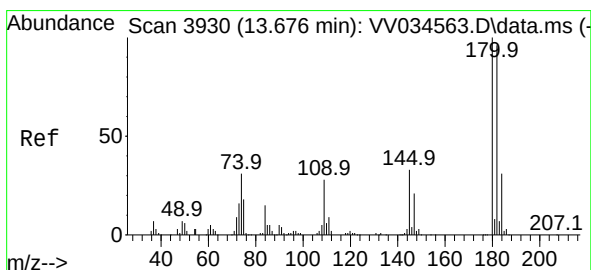
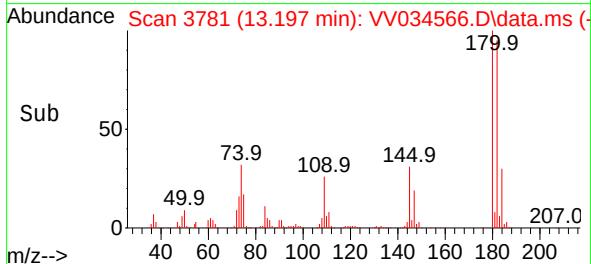
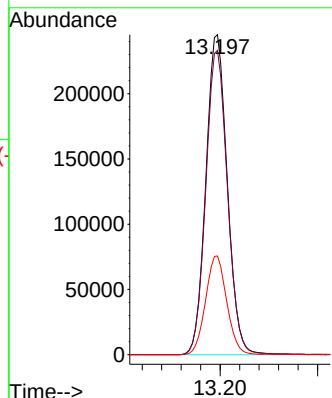
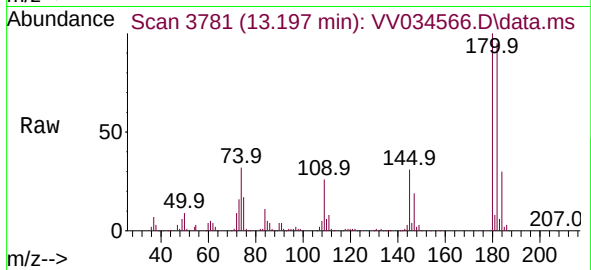
Tgt Ion:180 Resp: 374084

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

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

