

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034788.D
 Acq On : 21 Mar 2024 14:48
 Operator : SY/MD
 Sample : P1757-04 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:03:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

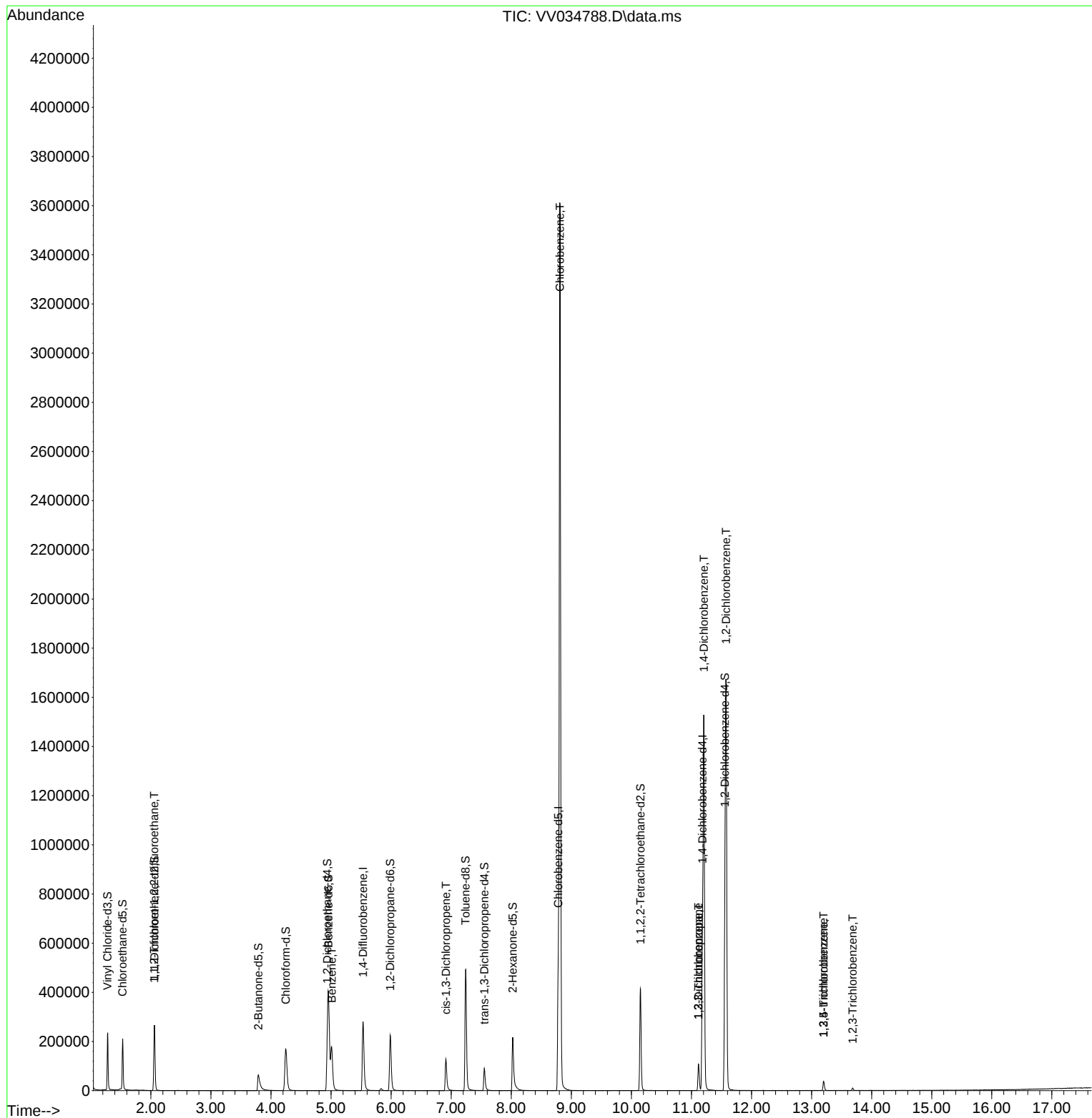
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	246738	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	242738	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	148025	69.204	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	138.400%#
7) Chloroethane-d5	1.529	69	118781	71.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	142.560%#
11) 1,1-Dichloroethene-d2	2.060	65	44309	45.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.600%
21) 2-Butanone-d5	3.790	46	111563	77.994	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.990%
24) Chloroform-d	4.246	84	184127	48.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
26) 1,2-Dichloroethane-d4	4.937	65	129668	52.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.940%
32) Benzene-d6	4.957	84	356471	48.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	5.986	67	98516	44.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.120%
41) Toluene-d8	7.240	98	333631	50.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.640%
43) trans-1,3-Dichloroprop...	7.551	79	54044	48.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.280%
47) 2-Hexanone-d5	8.024	63	74998	67.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	192124	65.300	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	130.600%#
66) 1,2-Dichlorobenzene-d4	11.558	152	172752	55.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.780%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	1437	0.721	ug/L #	18
33) Benzene	5.011	78	189291	25.123	ug/L	100
39) cis-1,3-Dichloropropene	6.912	75	3796	1.188	ug/L #	45
51) Chlorobenzene	8.812	112	1866925	362.147	ug/L	96
61) 1,2,3-Trichloropropane	11.117	75	13320	4.614	ug/L #	47
64) 1,3-Dichlorobenzene	11.117	146	43543	8.806	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	574585	114.422	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	596770	120.437	ug/L	100
69) 1,3,5-Trichlorobenzene	13.201	180	11986	3.231	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	11986	3.591	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	3504	1.076	ug/L	99

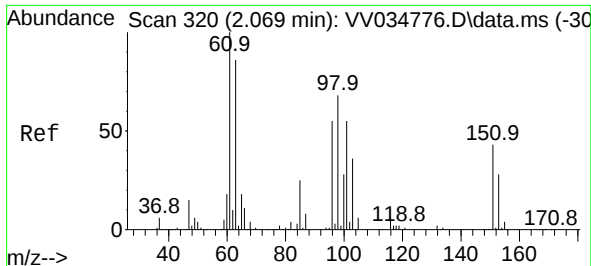
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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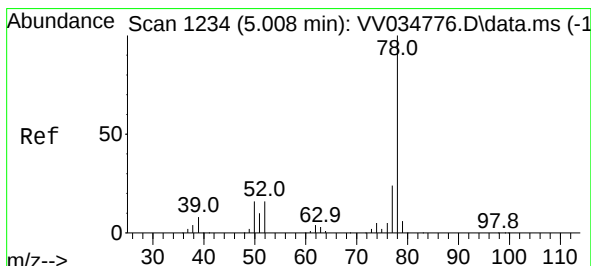
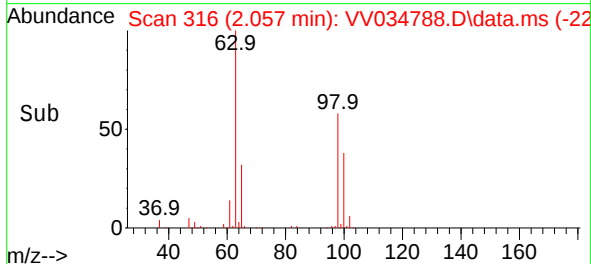
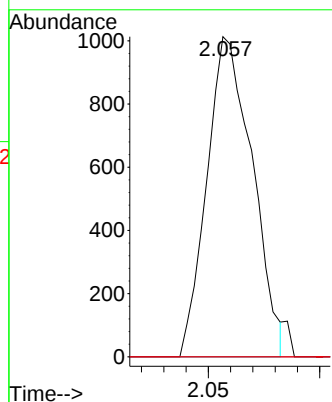
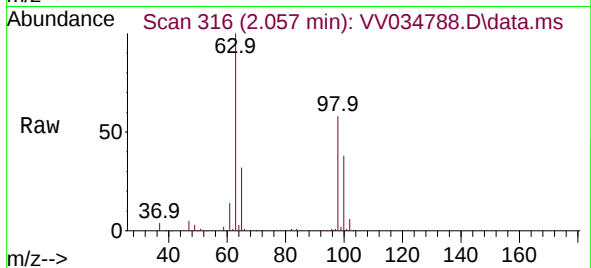




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.721 ug/L
RT: 2.057 min Scan# 316
Delta R.T. -0.013 min
Lab File: VV034788.D
Acq: 21 Mar 2024 14:48

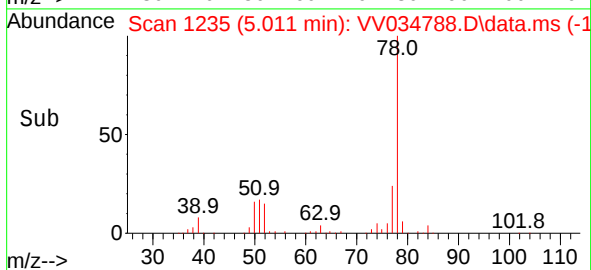
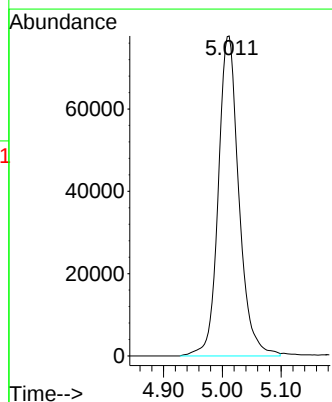
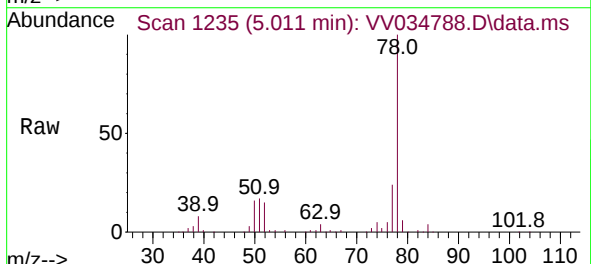
Instrument :
MSVOA_V
ClientSampleId :

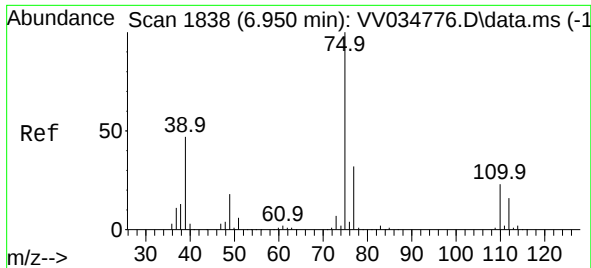
Tgt Ion:101 Resp: 1437
Ion Ratio Lower Upper
101 100
85 0.0 37.4 56.0#
151 0.0 61.4 92.2#



#33
Benzene
Concen: 25.123 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034788.D
Acq: 21 Mar 2024 14:48

Tgt Ion: 78 Resp: 189291

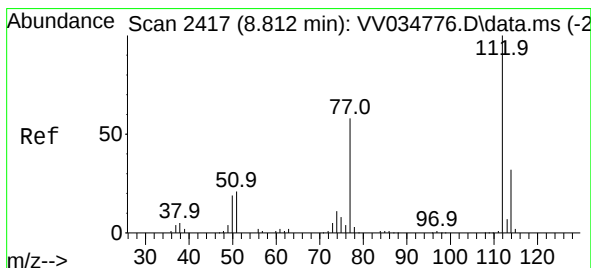
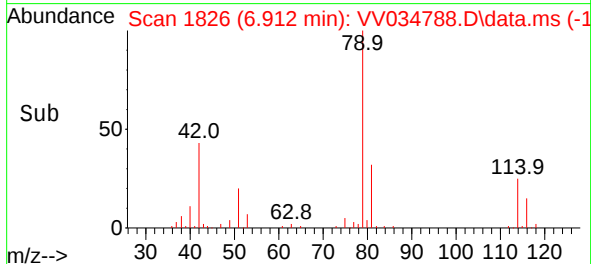
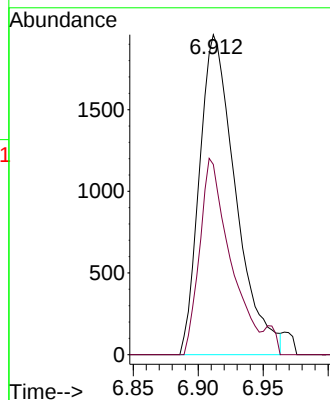
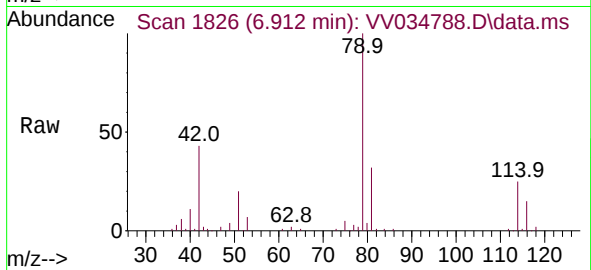




#39
cis-1,3-Dichloropropene
Concen: 1.188 ug/L
RT: 6.912 min Scan# 1838
Delta R.T. -0.038 min
Lab File: VV034788.D
Acq: 21 Mar 2024 14:48

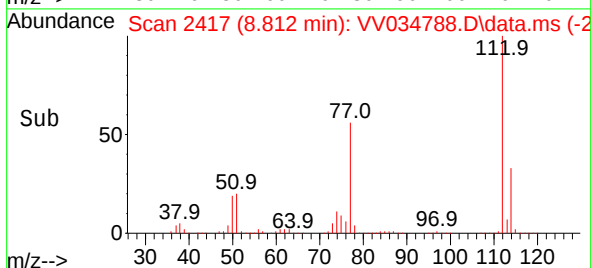
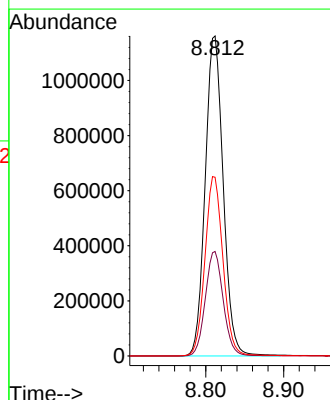
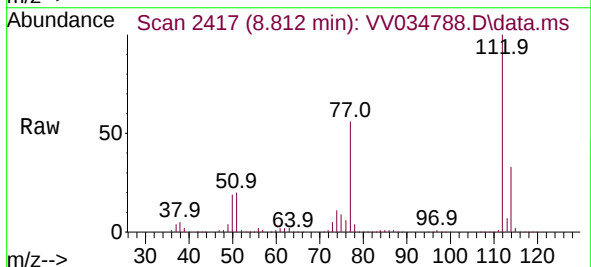
Instrument :
MSVOA_V
ClientSampleId :

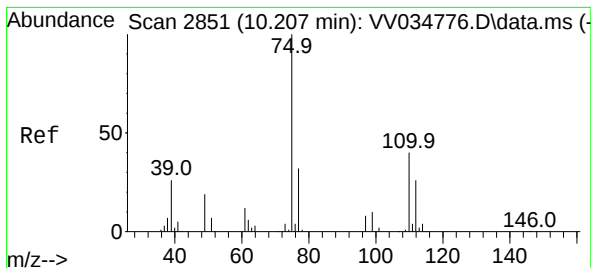
Tgt Ion: 75 Resp: 3796
Ion Ratio Lower Upper
75 100
77 59.5 20.9 38.9#



#51
Chlorobenzene
Concen: 362.147 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034788.D
Acq: 21 Mar 2024 14:48

Tgt Ion:112 Resp: 1866925
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 55.8 47.7 71.5





#61

1,2,3-Trichloropropane

Concen: 4.614 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.910 min

Lab File: VV034788.D

Acq: 21 Mar 2024 14:48

Instrument :

MSVOA_V

ClientSampleId :

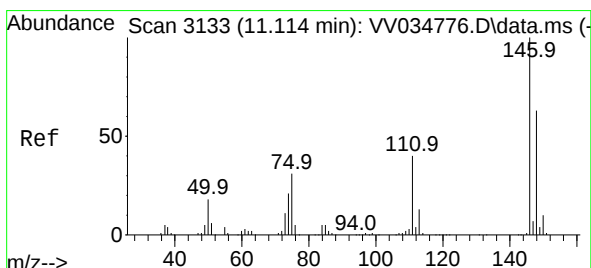
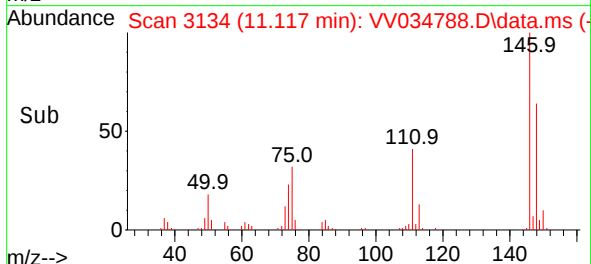
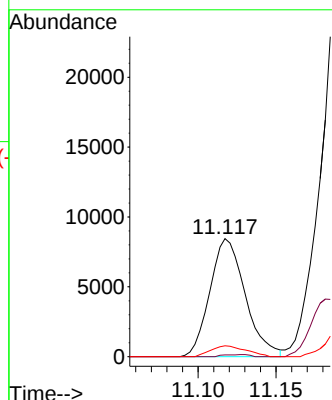
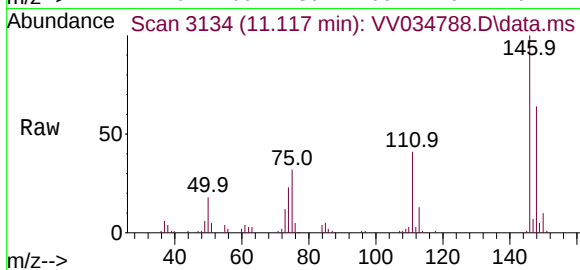
Tgt Ion: 75 Resp: 13320

Ion Ratio Lower Upper

75 100

77 1.3 25.9 38.9#

110 9.2 33.1 49.7#



#64

1,3-Dichlorobenzene

Concen: 8.806 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.004 min

Lab File: VV034788.D

Acq: 21 Mar 2024 14:48

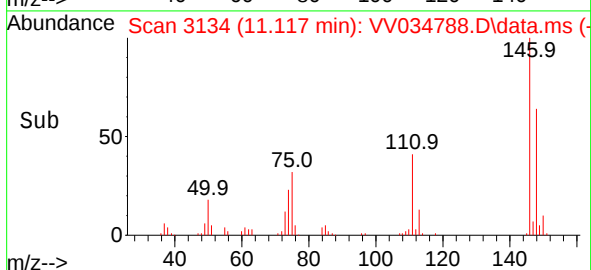
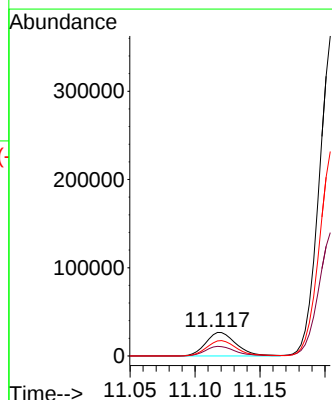
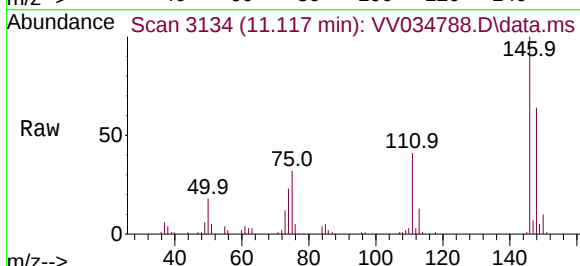
Tgt Ion:146 Resp: 43543

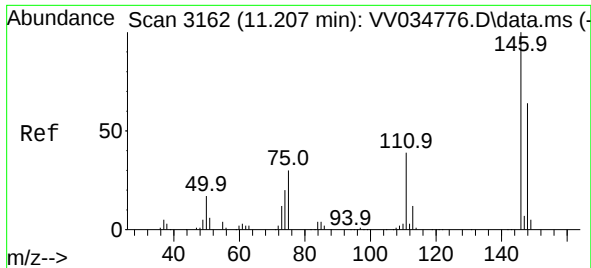
Ion Ratio Lower Upper

146 100

111 40.9 27.9 51.7

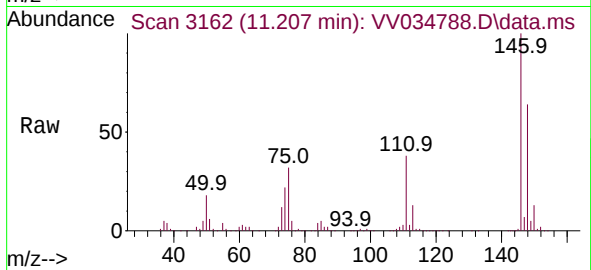
148 63.6 44.2 82.0



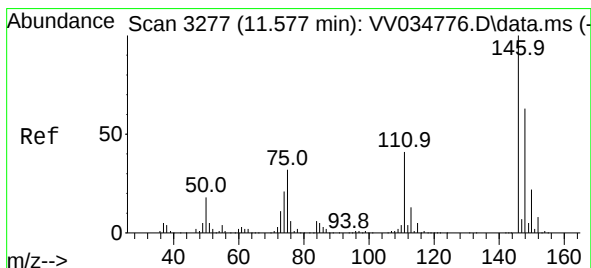
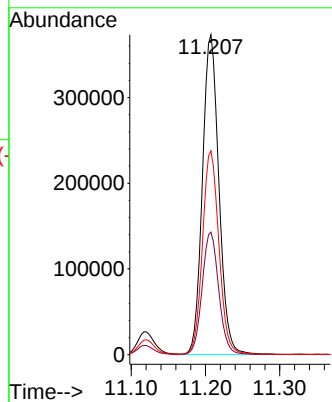
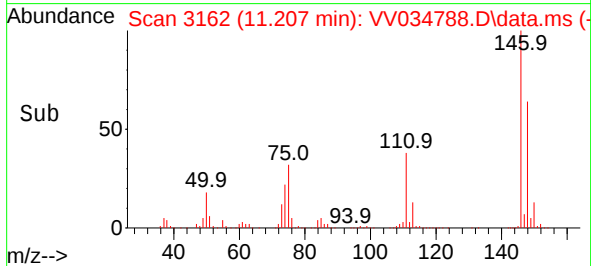


#65
1,4-Dichlorobenzene
Concen: 114.422 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034788.D
Acq: 21 Mar 2024 14:48

Instrument :
MSVOA_V
ClientSampleId :

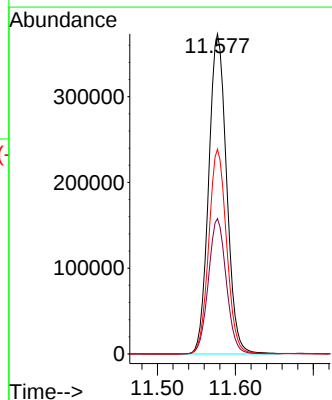
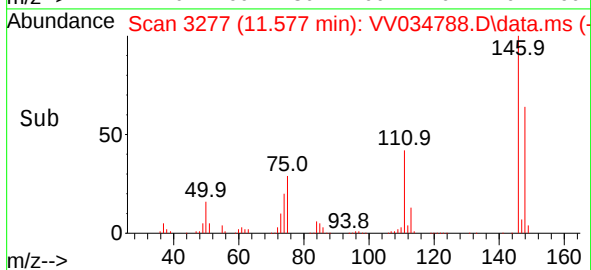
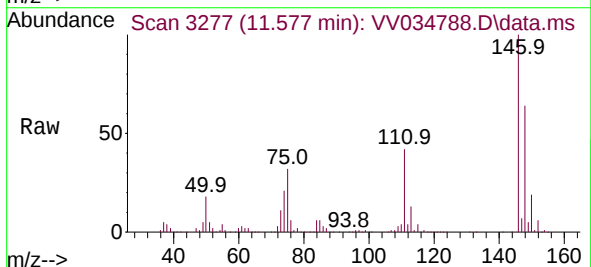


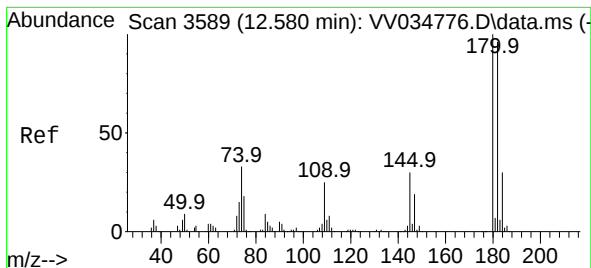
Tgt Ion:146 Resp: 574585
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.1
148 63.7 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 120.437 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV034788.D
Acq: 21 Mar 2024 14:48

Tgt Ion:146 Resp: 596770
Ion Ratio Lower Upper
146 100
111 42.3 33.8 50.8
148 64.0 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 3.231 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.621 min

Lab File: VV034788.D

Acq: 21 Mar 2024 14:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 11986

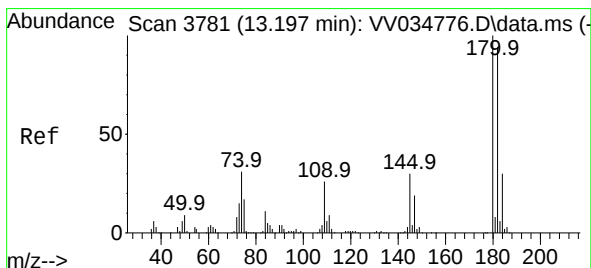
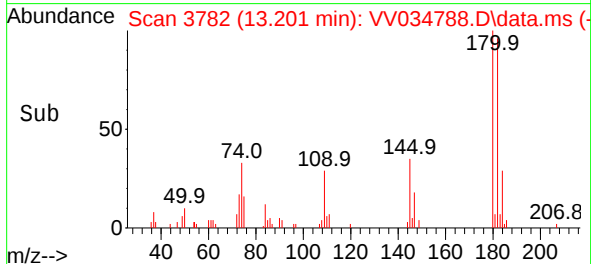
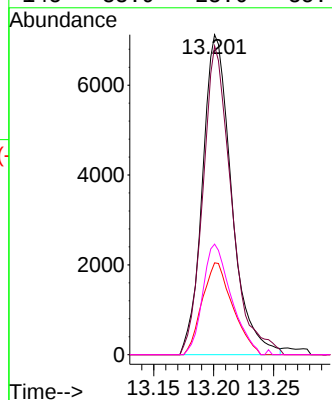
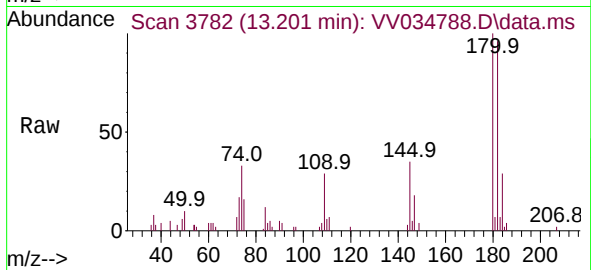
Ion Ratio Lower Upper

180 100

182 94.6 74.6 112.0

184 30.0 23.6 35.4

145 33.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 3.591 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.004 min

Lab File: VV034788.D

Acq: 21 Mar 2024 14:48

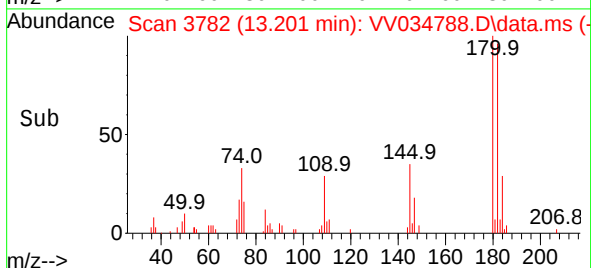
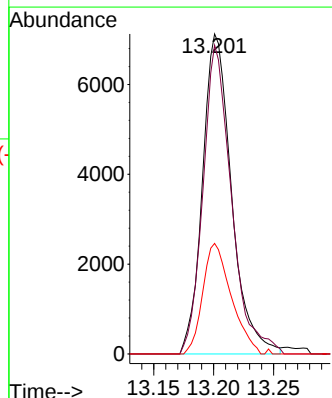
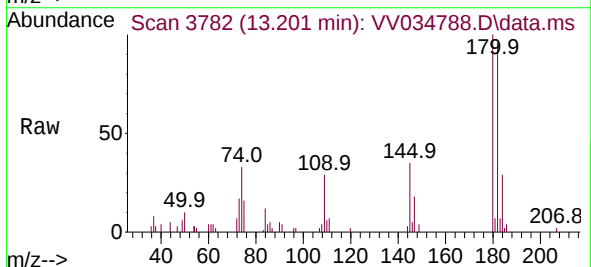
Tgt Ion:180 Resp: 11986

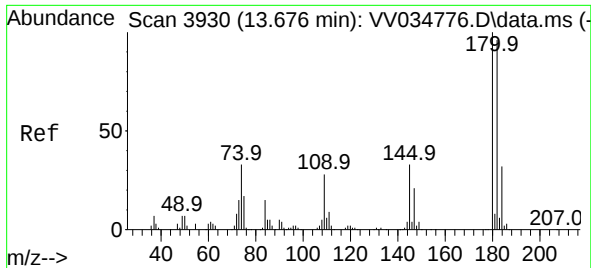
Ion Ratio Lower Upper

180 100

182 94.6 74.8 112.2

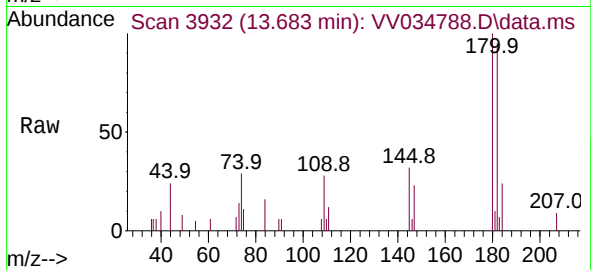
145 33.9 24.2 36.4





#72
1,2,3-Trichlorobenzene
Concen: 1.076 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.007 min
Lab File: VV034788.D
Acq: 21 Mar 2024 14:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 3504
Ion Ratio Lower Upper
180 100
182 94.0 75.9 113.9
145 32.0 25.5 38.3

