

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
 Data File : VV034567.D
 Acq On : 13 Mar 2024 12:05
 Operator : SY/MD
 Sample : P1728-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 14 02:23:02 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)

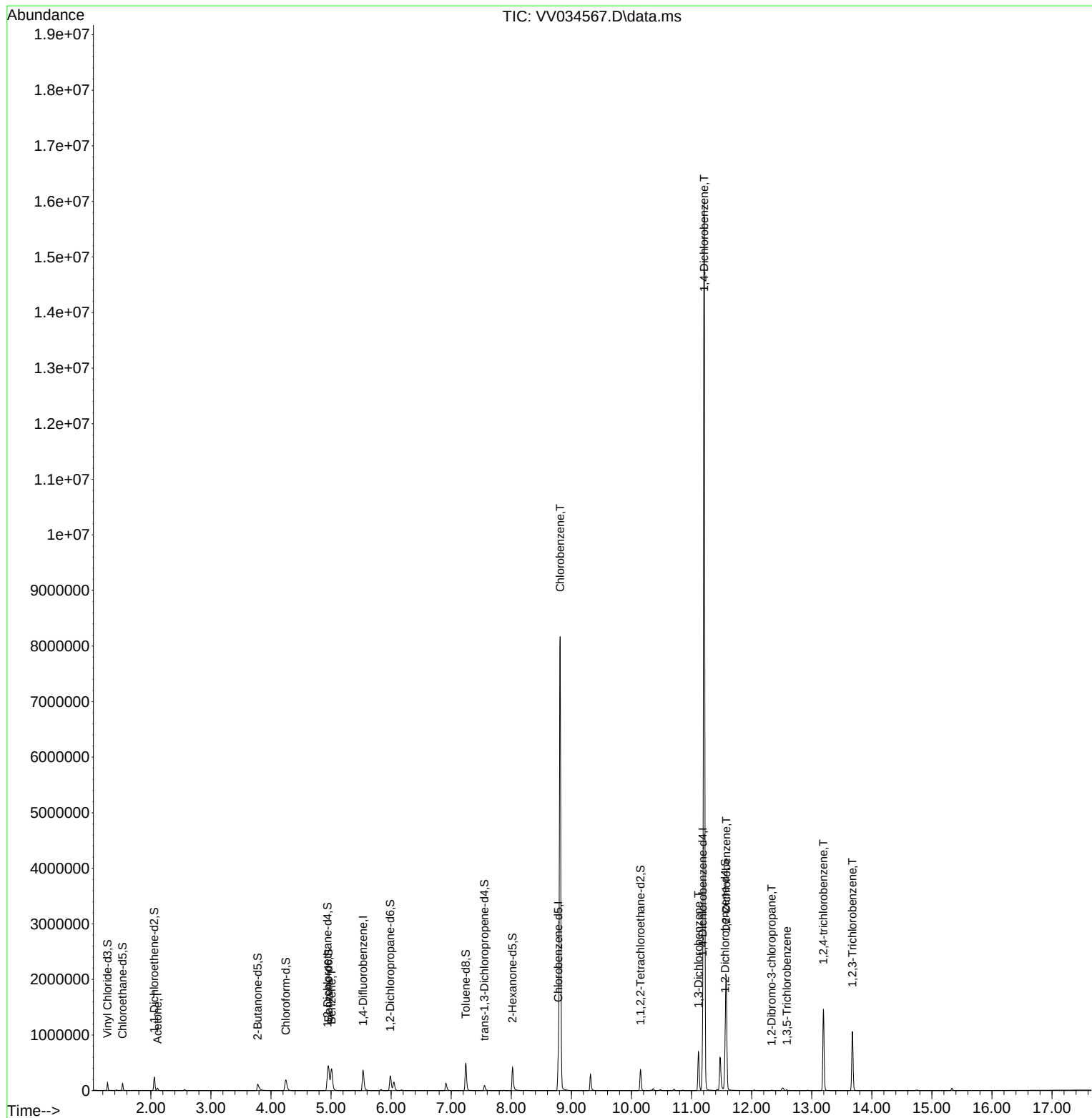
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	319719	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	303217	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	165235	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	85836	30.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.940%		
7) Chloroethane-d5	1.529	69	82812	38.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.700%		
11) 1,1-Dichloroethene-d2	2.056	65	42101	33.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.180%		
21) 2-Butanone-d5	3.777	46	188365	101.627	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.630%		
24) Chloroform-d	4.246	84	207841	42.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.820%		
26) 1,2-Dichloroethane-d4	4.941	65	142975	44.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.300%		
32) Benzene-d6	4.957	84	371741	40.622	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.240%		
36) 1,2-Dichloropropane-d6	5.986	67	124665	44.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.280%		
41) Toluene-d8	7.243	98	318370	38.444	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.880%#		
43) trans-1,3-Dichloroprop...	7.551	79	54713	39.013	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.020%		
47) 2-Hexanone-d5	8.021	63	144695	103.755	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.760%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	173953	47.331	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.660%		
66) 1,2-Dichlorobenzene-d4	11.558	152	147122	43.560	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.120%		
Target Compounds						Qvalue
13) Acetone	2.111	43	42695	19.161	ug/L	97
33) Benzene	5.008	78	399048	42.399	ug/L	100
51) Chlorobenzene	8.812	112	3989030	619.455	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	268804	49.749	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	5897396	1074.789	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	723458	133.621	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.333	75	1631	1.736	ug/L	# 4
69) 1,3,5-Trichlorobenzene	12.587	180	4829	1.191	ug/L	97
70) 1,2,4-trichlorobenzene	13.194	180	406584	111.474	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	305528	85.868	ug/L	100

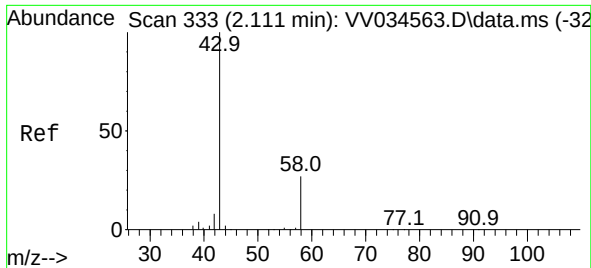
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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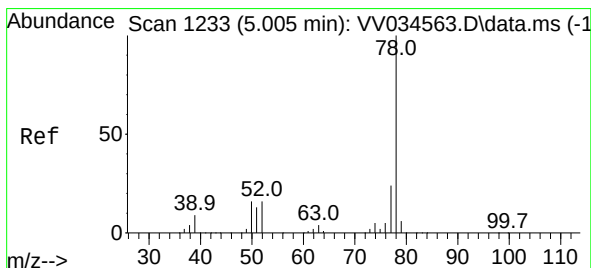
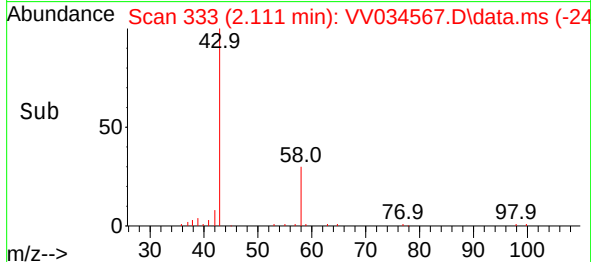
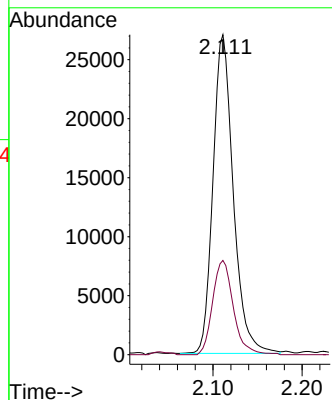
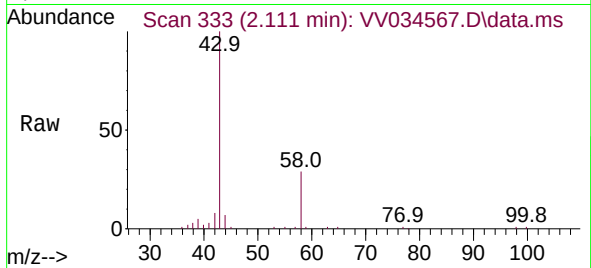




#13
Acetone
Concen: 19.161 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV034567.D
Acq: 13 Mar 2024 12:05

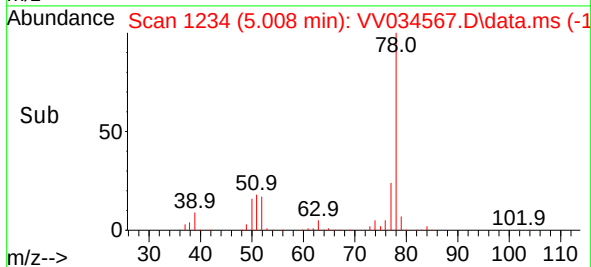
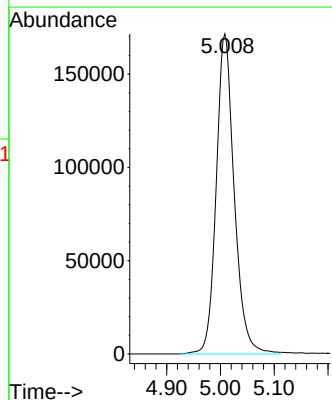
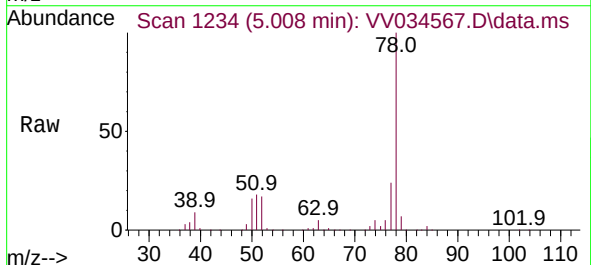
Instrument :
MSVOA_V
ClientSampleId :

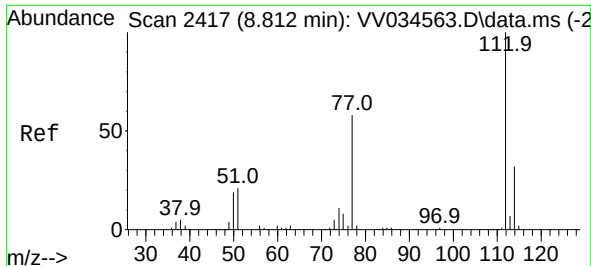
Tgt Ion: 43 Resp: 42695
Ion Ratio Lower Upper
43 100
58 30.1 0.0 57.2



#33
Benzene
Concen: 42.399 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV034567.D
Acq: 13 Mar 2024 12:05

Tgt Ion: 78 Resp: 399048





#51

Chlorobenzene

Concen: 619.455 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034567.D

Acq: 13 Mar 2024 12:05

Instrument :

MSVOA_V

ClientSampleId :

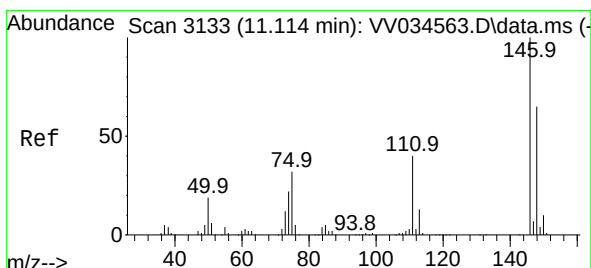
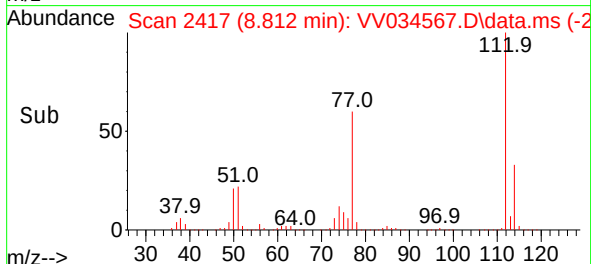
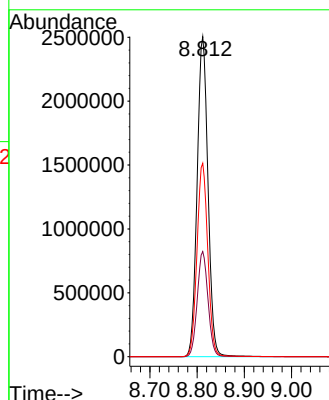
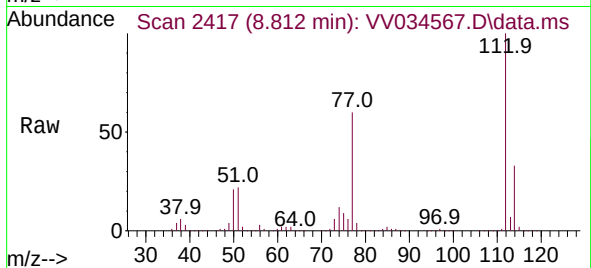
Tgt Ion:112 Resp: 3989030

Ion Ratio Lower Upper

112 100

114 32.9 22.3 41.5

77 60.4 47.7 71.5



#64

1,3-Dichlorobenzene

Concen: 49.749 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV034567.D

Acq: 13 Mar 2024 12:05

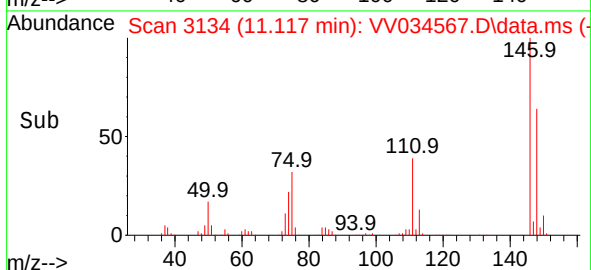
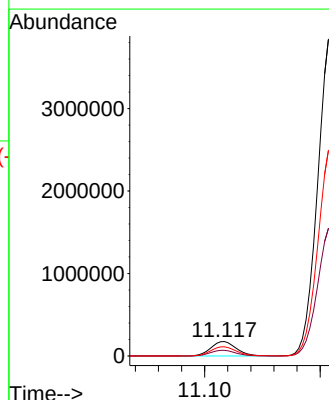
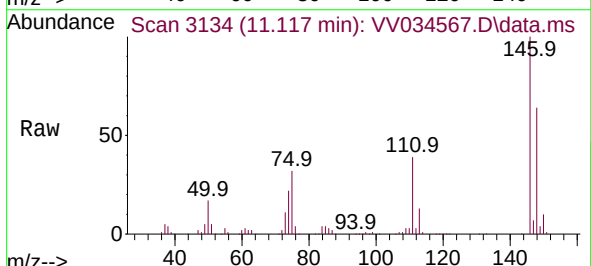
Tgt Ion:146 Resp: 268804

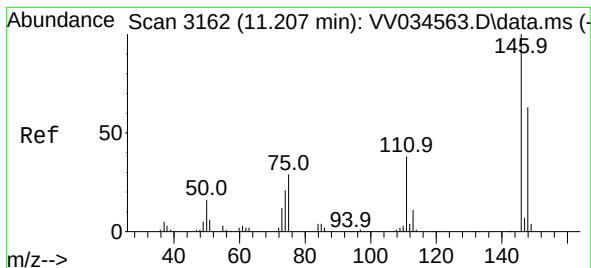
Ion Ratio Lower Upper

146 100

111 39.5 27.9 51.7

148 63.6 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 1074.789 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034567.D

Acq: 13 Mar 2024 12:05

Instrument :

MSVOA_V

ClientSampleId :

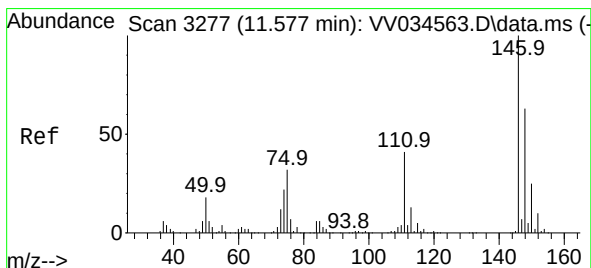
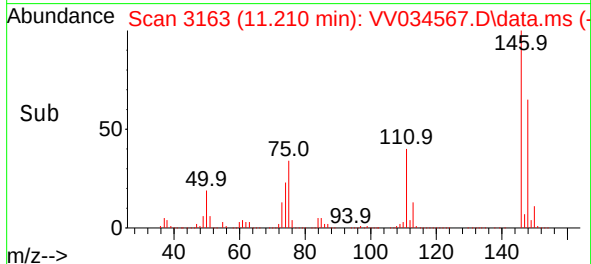
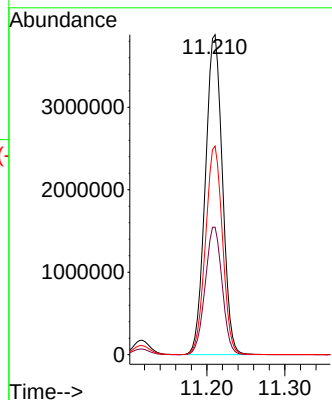
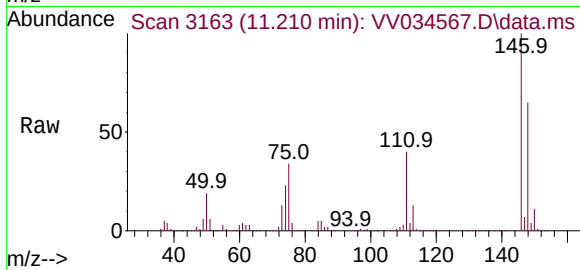
Tgt Ion:146 Resp: 5897396

Ion Ratio Lower Upper

146 100

111 39.9 26.5 49.1

148 65.2 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 133.621 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034567.D

Acq: 13 Mar 2024 12:05

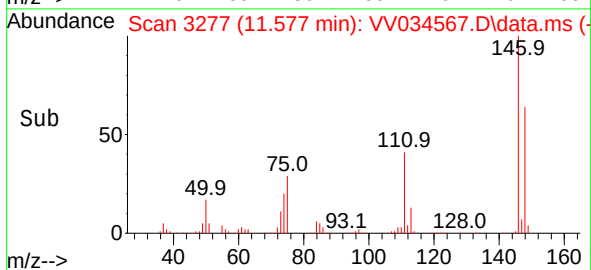
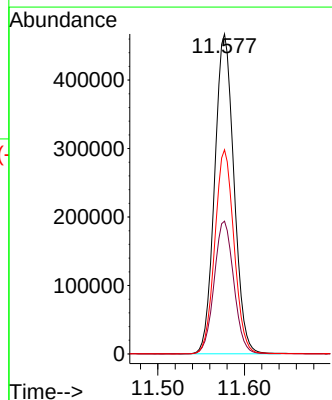
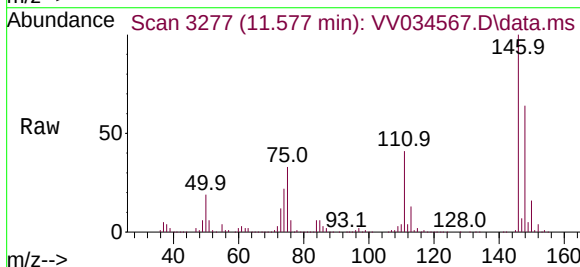
Tgt Ion:146 Resp: 723458

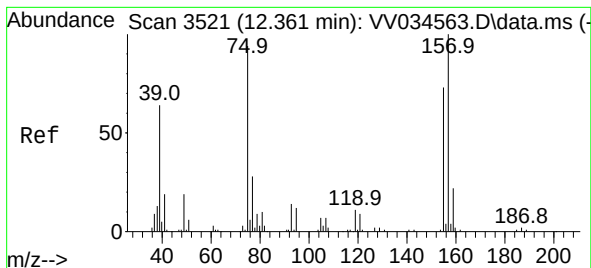
Ion Ratio Lower Upper

146 100

111 41.5 33.8 50.8

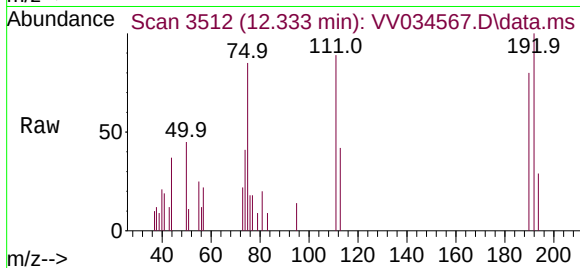
148 63.8 51.3 76.9



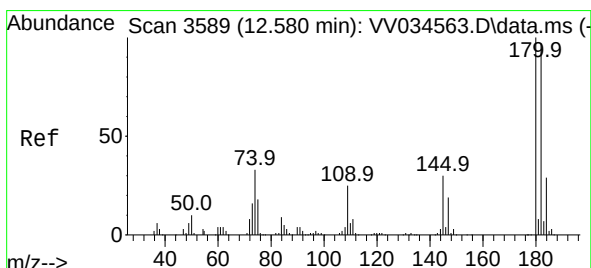
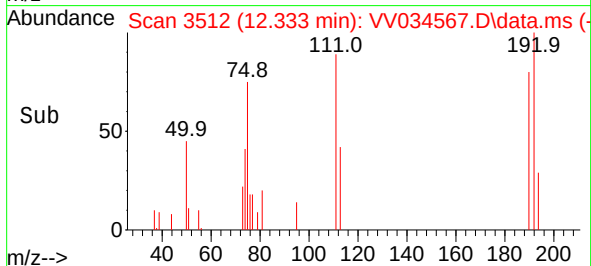
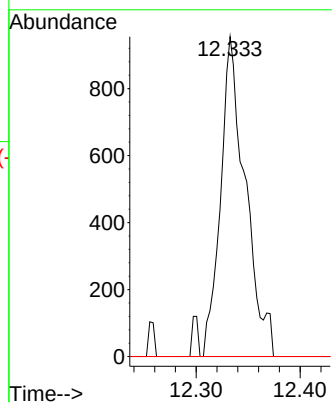


#68
1,2-Dibromo-3-chloropropane
Concen: 1.736 ug/L
RT: 12.333 min Scan# 3512
Delta R.T. -0.029 min
Lab File: VV034567.D
Acq: 13 Mar 2024 12:05

Instrument :
MSVOA_V
ClientSampleId :

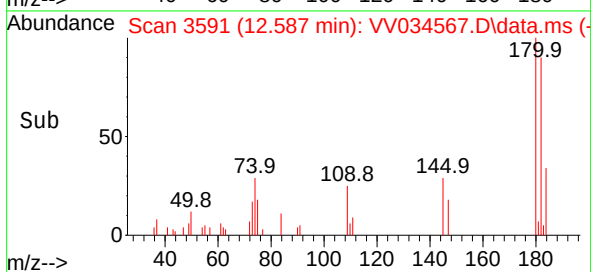
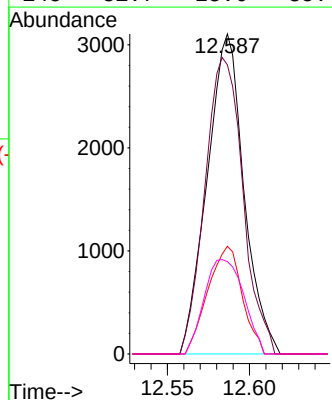
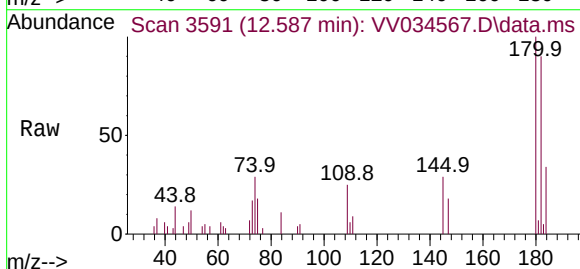


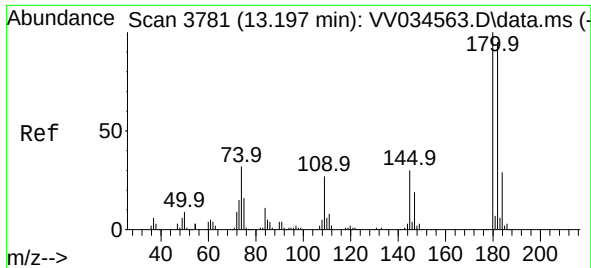
Tgt Ion: 75 Resp: 1631
Ion Ratio Lower Upper
75 100
155 0.0 63.3 94.9#
157 0.0 81.4 122.0#



#69
1,3,5-Trichlorobenzene
Concen: 1.191 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.006 min
Lab File: VV034567.D
Acq: 13 Mar 2024 12:05

Tgt Ion: 180 Resp: 4829
Ion Ratio Lower Upper
180 100
182 95.6 74.6 112.0
184 31.5 23.6 35.4
145 31.7 23.6 35.4

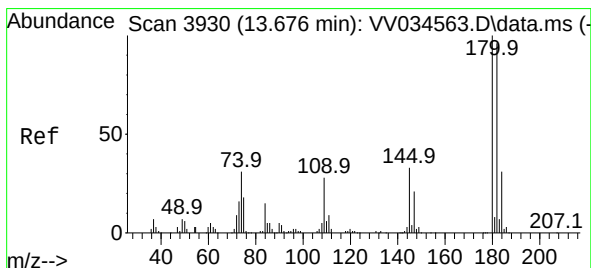
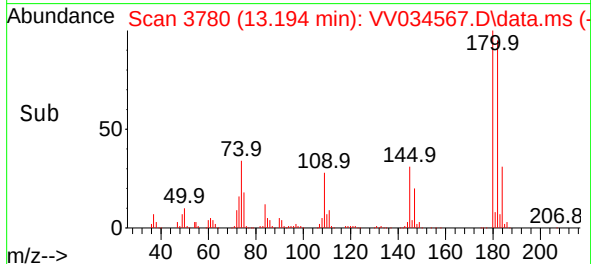
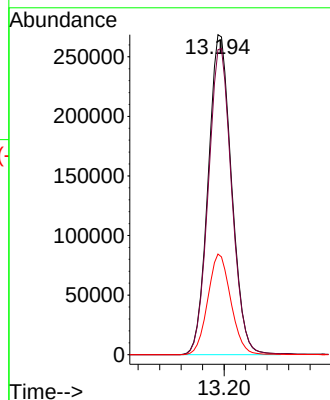
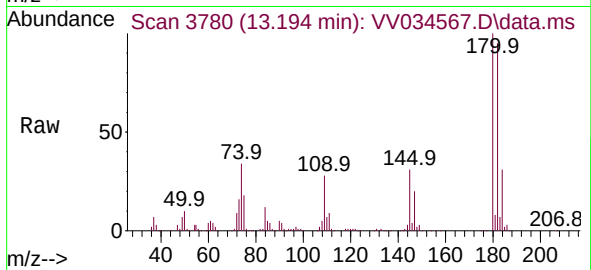




#70
1,2,4-trichlorobenzene
Concen: 111.474 ug/L
RT: 13.194 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV034567.D
Acq: 13 Mar 2024 12:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 406584
Ion Ratio Lower Upper
180 100
182 95.7 74.8 112.2
145 31.0 24.2 36.4



#72
1,2,3-Trichlorobenzene
Concen: 85.868 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV034567.D
Acq: 13 Mar 2024 12:05

Tgt Ion:180 Resp: 305528
Ion Ratio Lower Upper
180 100
182 94.6 75.9 113.9
145 32.1 25.5 38.3

