

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035012.D
 Acq On : 05 Apr 2024 17:43
 Operator : SY/MD
 Sample : P2006-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 01:05:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 00:54:20 2024
 Response via : Initial Calibration

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

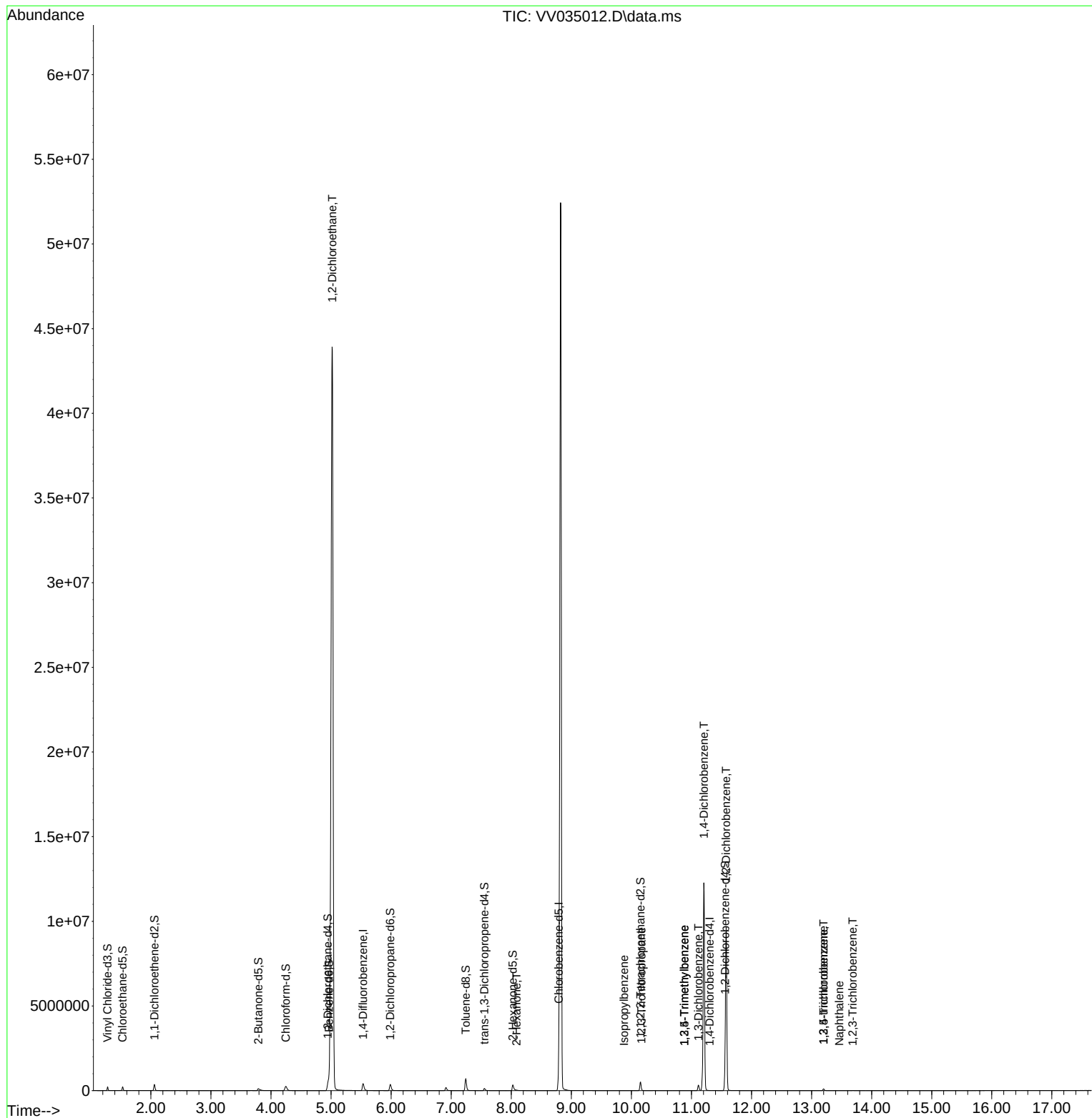
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	357908	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	374200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.303	152	128	50.000	ug/L	0.12
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	139657	40.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.800%		
7) Chloroethane-d5	1.529	69	139571	46.489	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.980%		
11) 1,1-Dichloroethene-d2	2.059	65	60207	39.736	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.480%		
21) 2-Butanone-d5	3.789	46	182706	89.126	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.130%		
24) Chloroform-d	4.246	84	270770	46.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.180%		
26) 1,2-Dichloroethane-d4	4.944	65	186350	50.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.020%		
32) Benzene-d6	4.963	84	556287	44.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.520%		
36) 1,2-Dichloropropane-d6	5.985	67	178585	44.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.480%		
41) Toluene-d8	7.243	98	467766	41.322	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.640%		
43) trans-1,3-Dichloroprop...	7.551	79	78277	40.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.680%		
47) 2-Hexanone-d5	8.024	63	115972	76.848	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.850%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	245701	44.701	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.400%		
66) 1,2-Dichlorobenzene-d4	11.561	152	199697	69486.857	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	138973.720%#		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.018	62	524245	125.054	ug/L #	75
48) 2-Hexanone	8.088	43	17254	4.712	ug/L #	71
60) Isopropylbenzene	9.876	105	69	7.477	ug/L #	41
61) 1,2,3-Trichloropropane	10.168	75	64	23.074	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.882	105	40	6.675	ug/L #	29
63) 1,2,4-Trimethylbenzene	10.882	105	40	5.398	ug/L #	31
64) 1,3-Dichlorobenzene	11.117	146	119466	27703.567	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	4542978	1035956.578	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	3508351	816689.486	ug/L	100
69) 1,3,5-Trichlorobenzene	13.201	180	32667	10510.969	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	32667	11442.751	ug/L	99
71) Naphthalene	13.461	128	746	94.187	ug/L #	69
72) 1,2,3-Trichlorobenzene	13.683	180	1145	406.886	ug/L #	84

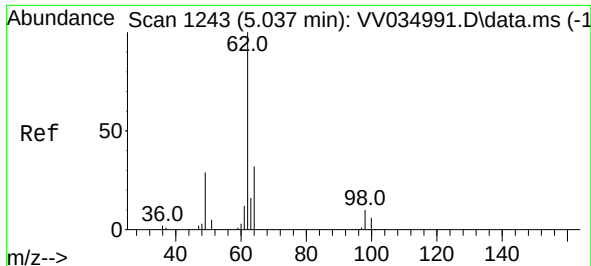
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 06 00:54:20 2024
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 125.054 ug/L

RT: 5.018 min Scan# 11

Delta R.T. -0.019 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

Instrument :

MSVOA_V

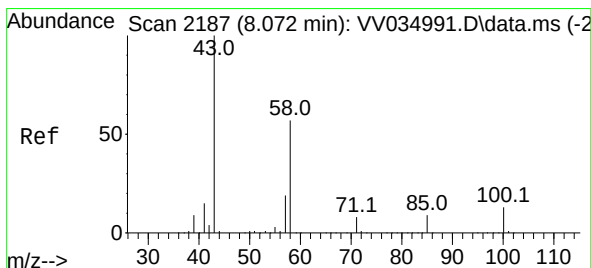
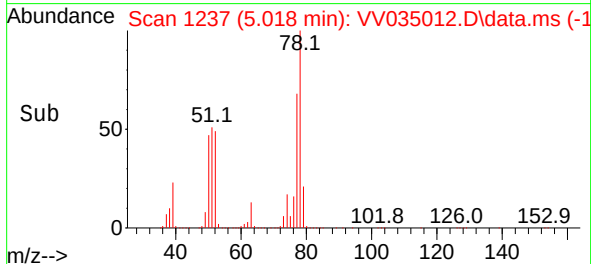
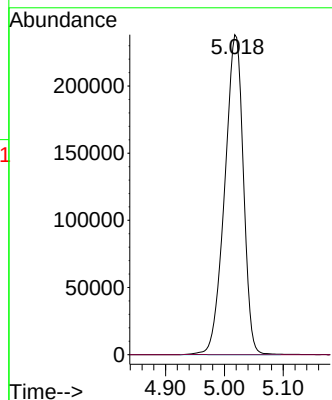
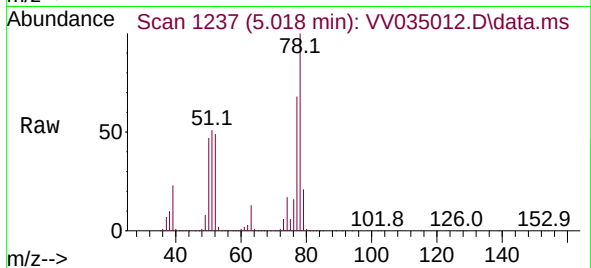
ClientSampleId :

Tgt Ion: 62 Resp: 524245

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#48

2-Hexanone

Concen: 4.712 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.016 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

Tgt Ion: 43 Resp: 17254

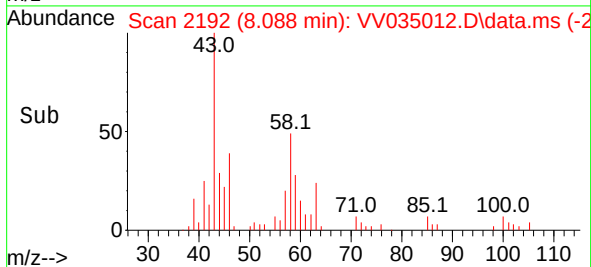
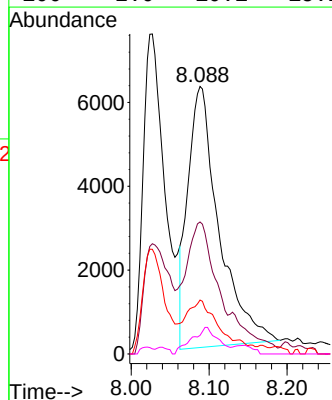
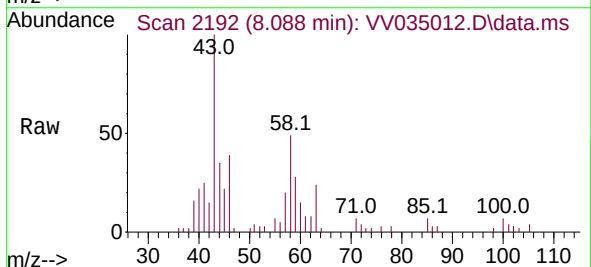
Ion Ratio Lower Upper

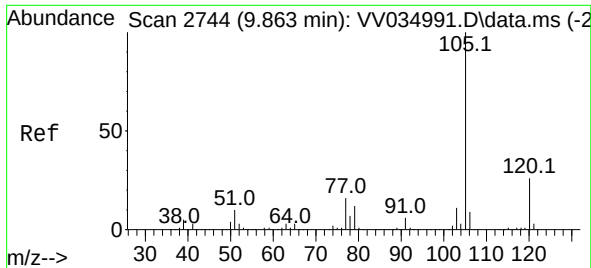
43 100

58 30.0 45.4 68.2#

57 14.5 16.2 24.4#

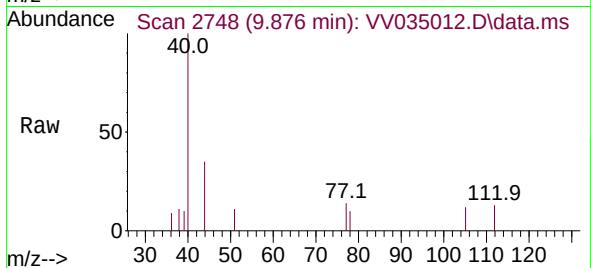
100 2.9 10.1 15.1#



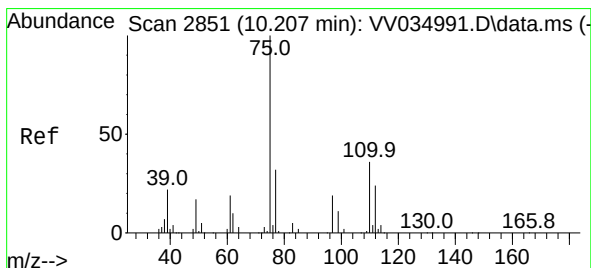
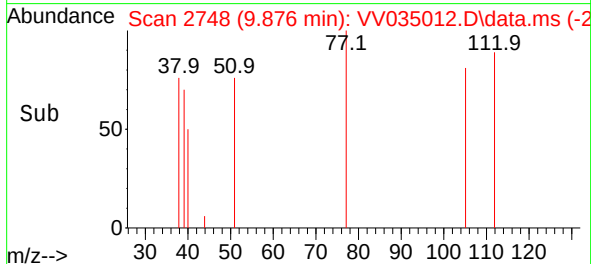
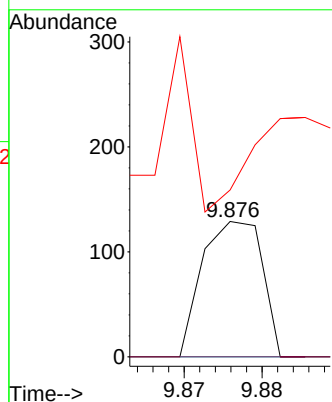


#60
Isopropylbenzene
Concen: 7.477 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV035012.D
Acq: 05 Apr 2024 17:43

Instrument :
MSVOA_V
ClientSampleId :

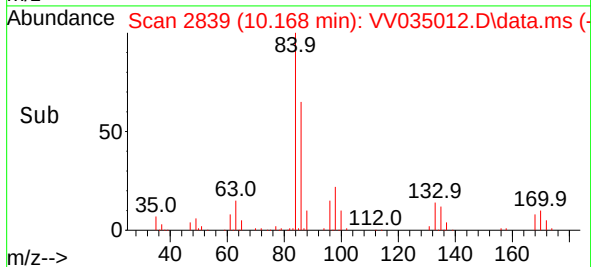
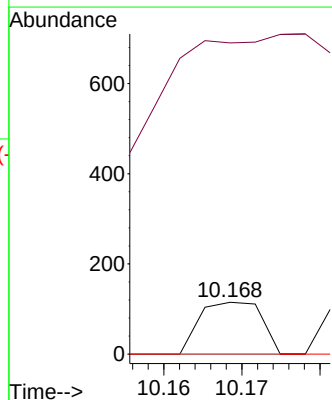
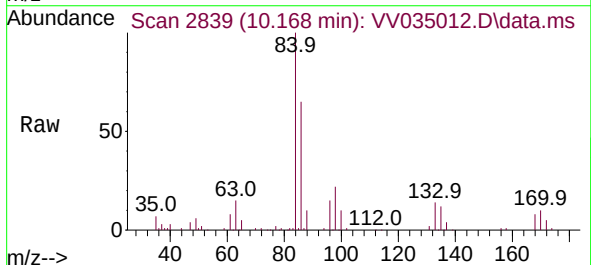


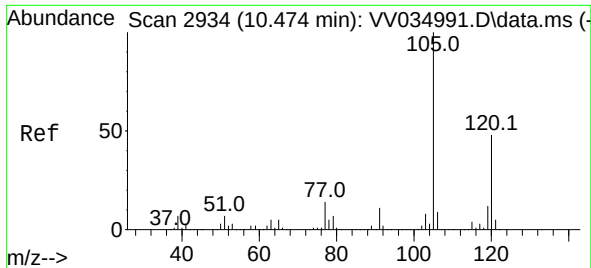
Tgt Ion:105 Resp: 69
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.6#
77 46.4 13.1 19.7#



#61
1,2,3-Trichloropropane
Concen: 23.074 ug/L
RT: 10.168 min Scan# 2839
Delta R.T. -0.039 min
Lab File: VV035012.D
Acq: 05 Apr 2024 17:43

Tgt Ion: 75 Resp: 64
Ion Ratio Lower Upper
75 100
77 659.4 26.0 39.0#
110 0.0 30.5 45.7#





#62

1,3,5-Trimethylbenzene

Concen: 6.675 ug/L

RT: 10.882 min Scan# 3061

Delta R.T. 0.408 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

Instrument :

MSVOA_V

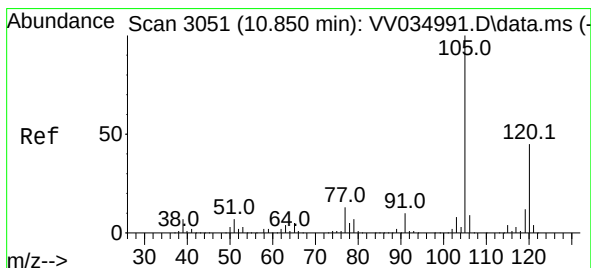
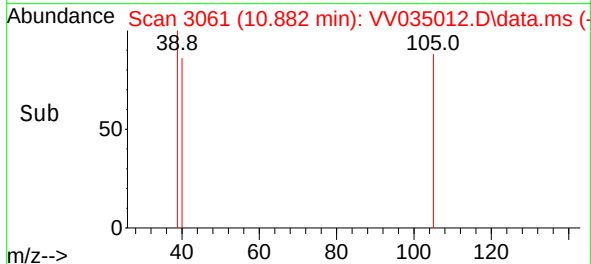
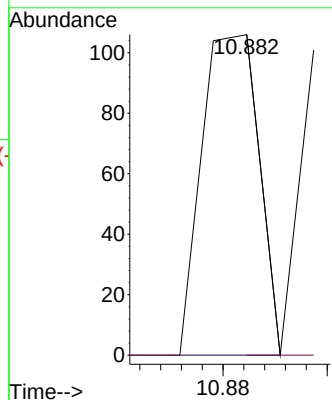
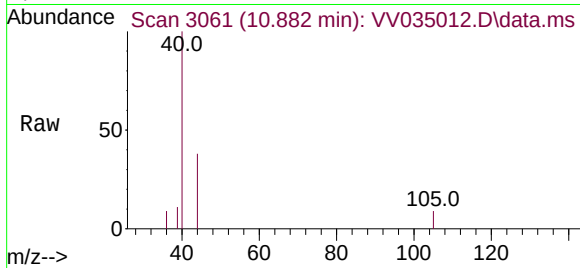
ClientSampleId :

Tgt Ion:105 Resp: 40

Ion Ratio Lower Upper

105 100

120 0.0 38.7 58.1#



#63

1,2,4-Trimethylbenzene

Concen: 5.398 ug/L

RT: 10.882 min Scan# 3061

Delta R.T. 0.032 min

Lab File: VV035012.D

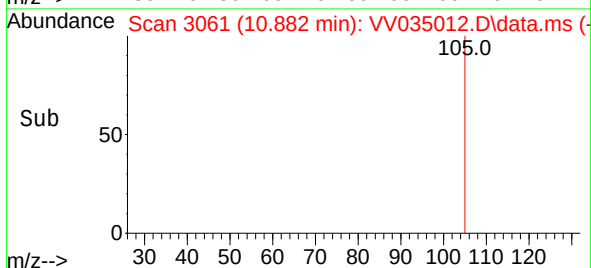
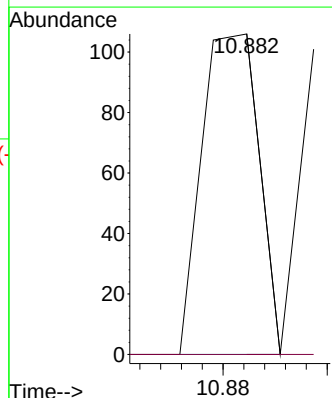
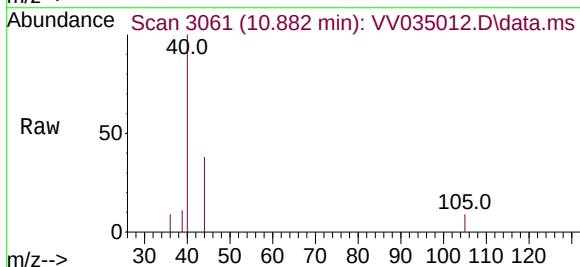
Acq: 05 Apr 2024 17:43

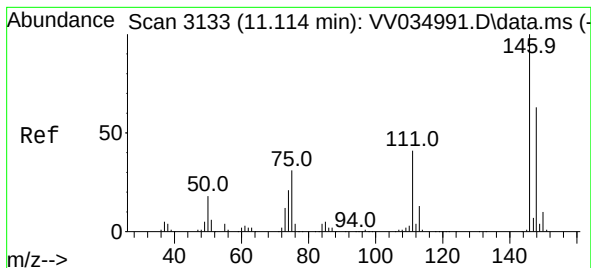
Tgt Ion:105 Resp: 40

Ion Ratio Lower Upper

105 100

120 0.0 35.9 53.9#





#64

1,3-Dichlorobenzene

Concen: 27703.567 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

Instrument :

MSVOA_V

ClientSampleId :

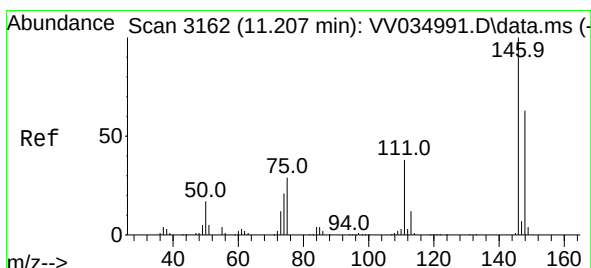
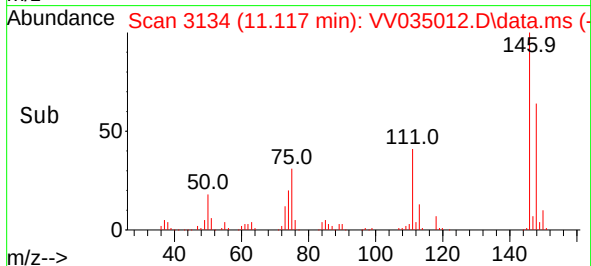
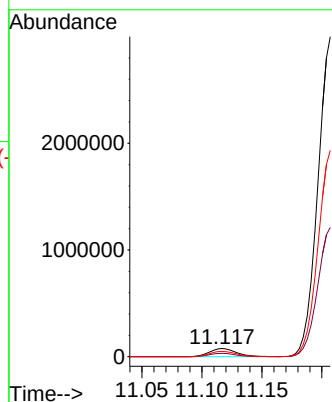
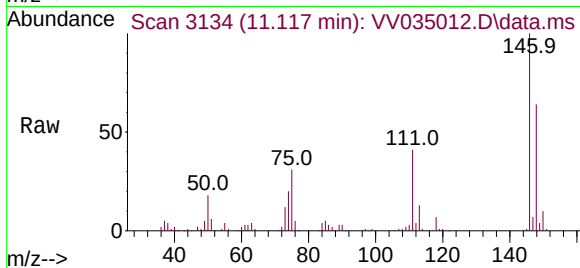
Tgt Ion:146 Resp: 119466

Ion Ratio Lower Upper

146 100

111 40.9 28.7 53.3

148 64.3 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 1035956.578 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

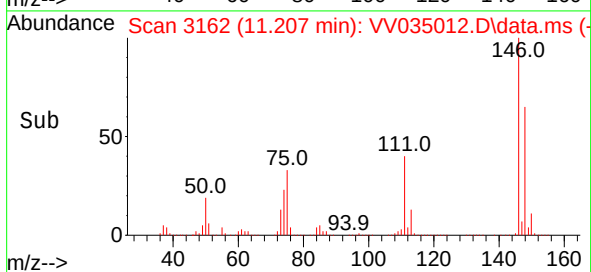
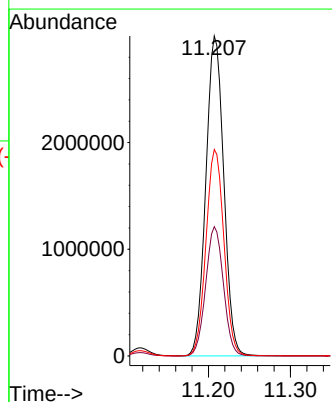
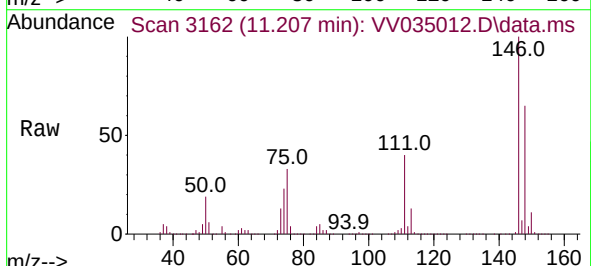
Tgt Ion:146 Resp: 4542978

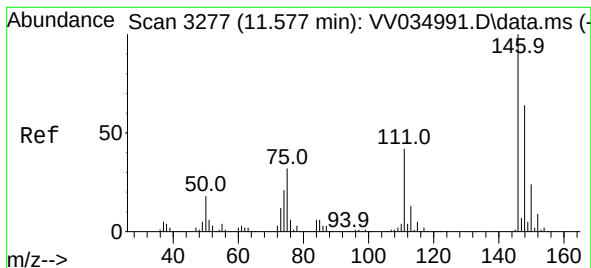
Ion Ratio Lower Upper

146 100

111 40.4 27.4 50.8

148 64.5 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 816689.486 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

Instrument :

MSVOA_V

ClientSampleId :

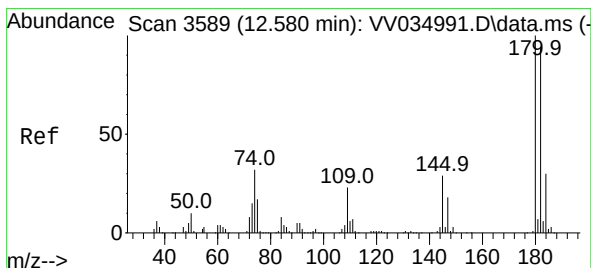
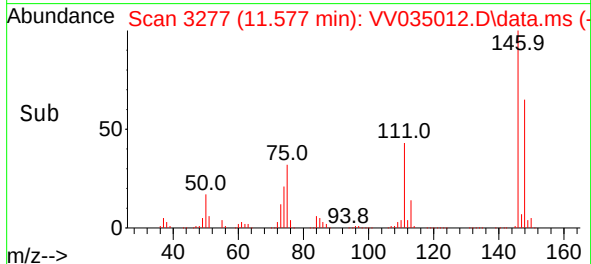
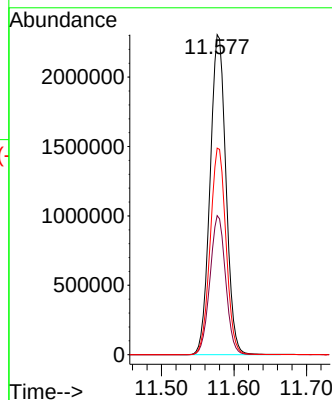
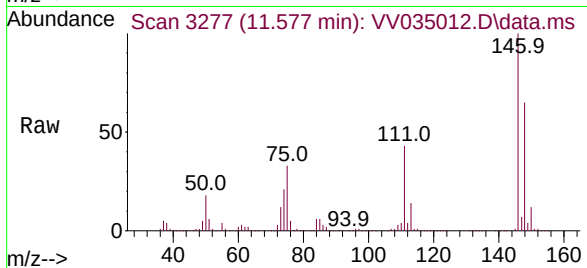
Tgt Ion:146 Resp: 3508351

Ion Ratio Lower Upper

146 100

111 43.5 34.6 52.0

148 64.6 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 10510.969 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

Tgt Ion:180 Resp: 32667

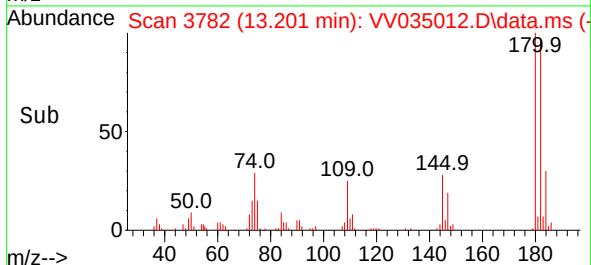
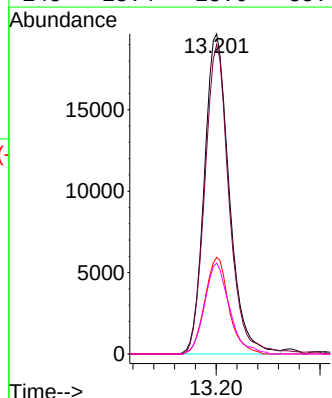
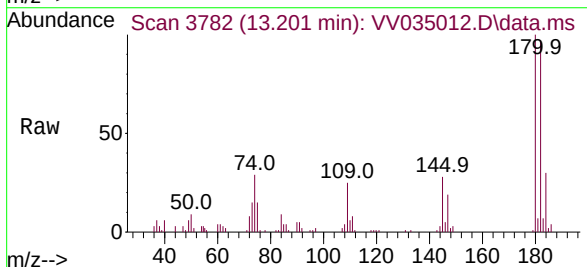
Ion Ratio Lower Upper

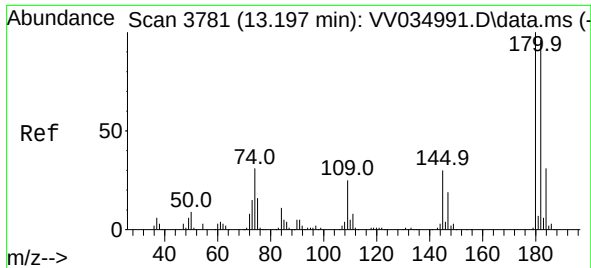
180 100

182 94.2 74.7 112.1

184 29.1 24.0 36.0

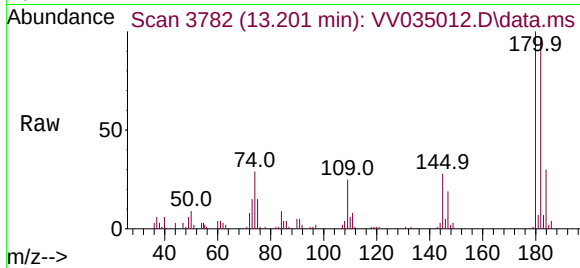
145 28.4 23.6 35.4



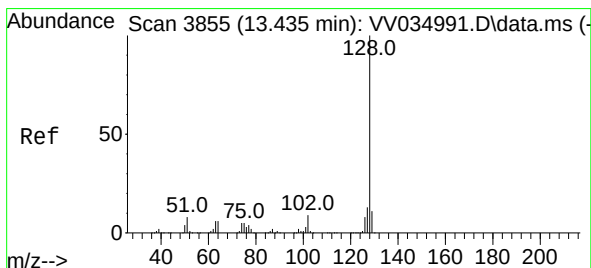
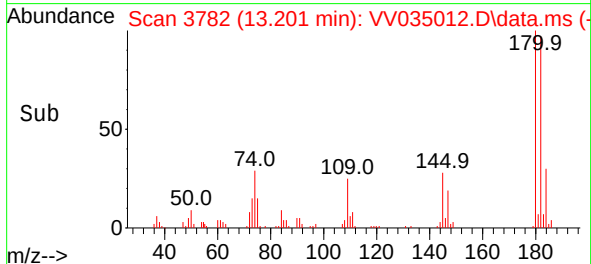
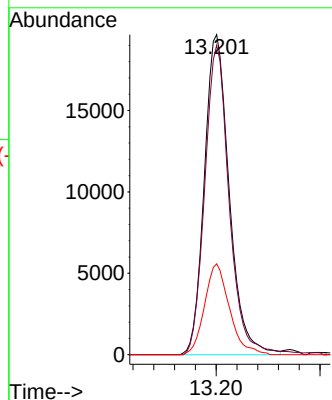


#70
1,2,4-trichlorobenzene
Concen: 11442.751 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035012.D
Acq: 05 Apr 2024 17:43

Instrument :
MSVOA_V
ClientSampleId :

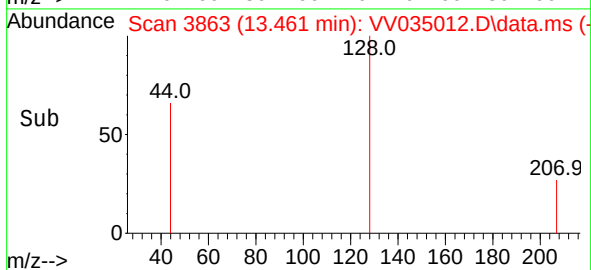
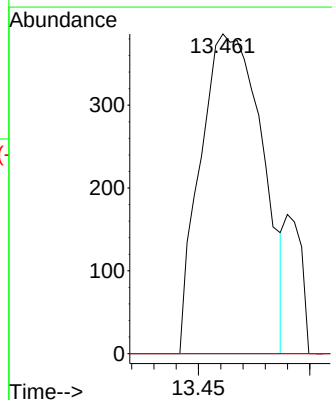
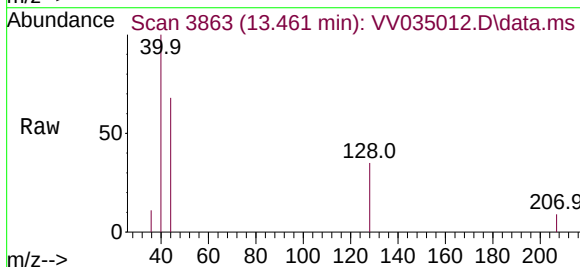


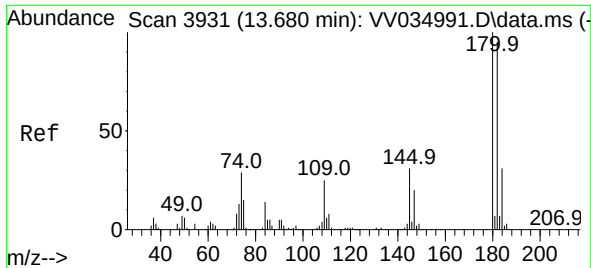
Tgt Ion:180 Resp: 32667
Ion Ratio Lower Upper
180 100
182 94.2 75.6 113.4
145 28.4 24.1 36.1



#71
Naphthalene
Concen: 94.187 ug/L
RT: 13.461 min Scan# 3863
Delta R.T. 0.026 min
Lab File: VV035012.D
Acq: 05 Apr 2024 17:43

Tgt Ion:128 Resp: 746
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#





#72

1,2,3-Trichlorobenzene

Concen: 406.886 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

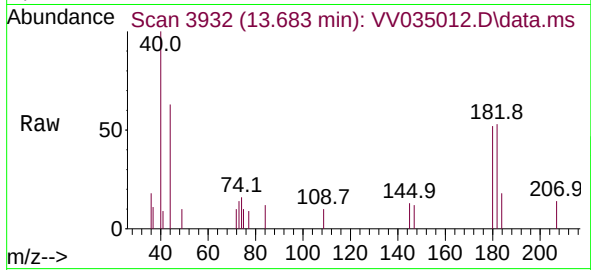
Lab File: VV035012.D

Acq: 05 Apr 2024 17:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1145

Ion Ratio Lower Upper

180 100

182 87.6 76.2 114.2

145 9.0 25.8 38.6#

