

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031234.D
 Acq On : 25 May 2023 15:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 06:53:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

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

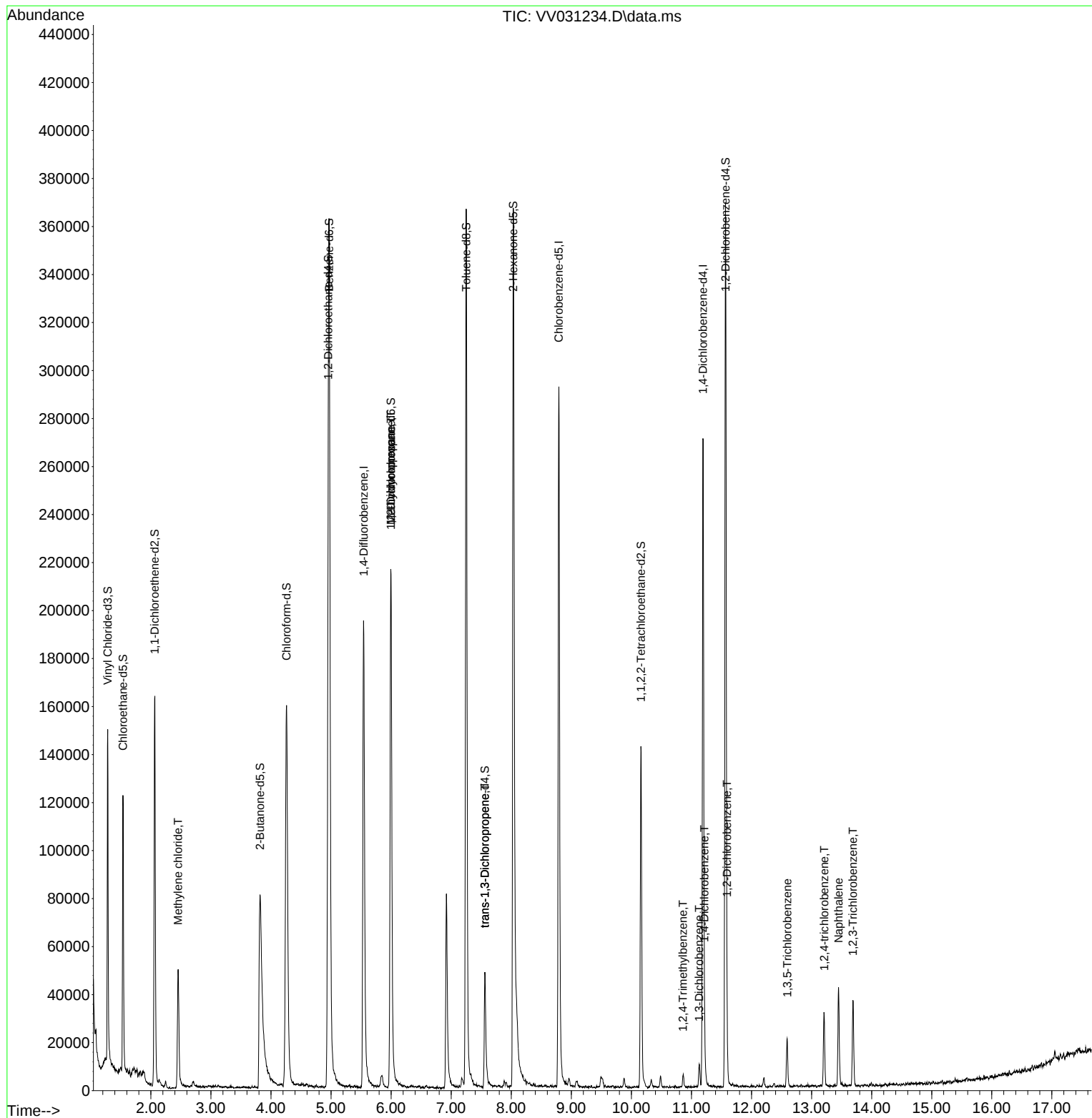
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	161488	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	148966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	67072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	91781	5.128	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.535	69	73523	5.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.063	65	27625	3.734	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.818	46	196308	50.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.920%
24) Chloroform-d	4.259	84	174951	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.953	65	89048	5.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.966	84	318422	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	5.998	67	108825	5.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.249	98	242570	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.561	79	30107	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.034	63	138841	50.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.600%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	69898	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	89261	5.672	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.455	84	19226	1.019	ug/L	95
35) Methylcyclohexane	5.995	83	25233	1.224	ug/L #	12
37) 1,2-Dichloropropane	5.995	63	12131	0.746	ug/L #	88
44) trans-1,3-Dichloropropene	7.561	75	1818	0.109	ug/L #	72
63) 1,2,4-Trimethylbenzene	10.857	105	3282	0.081	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	3657	0.158	ug/L	93
65) 1,4-Dichlorobenzene	11.217	146	4645	0.196	ug/L	96
67) 1,2-Dichlorobenzene	11.590	146	4291	0.193	ug/L #	89
69) 1,3,5-Trichlorobenzene	12.596	180	5622	0.299	ug/L	92
70) 1,2,4-trichlorobenzene	13.210	180	8956	0.596	ug/L	98
71) Naphthalene	13.448	128	30337	1.364	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	10232	0.792	ug/L	96

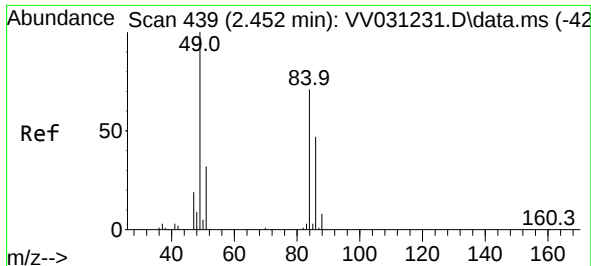
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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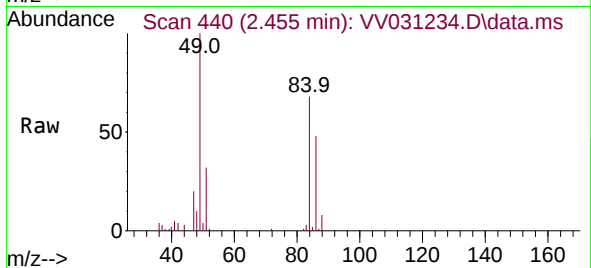
Quant Time: May 26 06:53:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 26 06:48:38 2023
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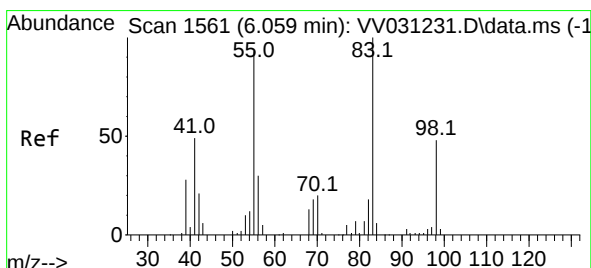
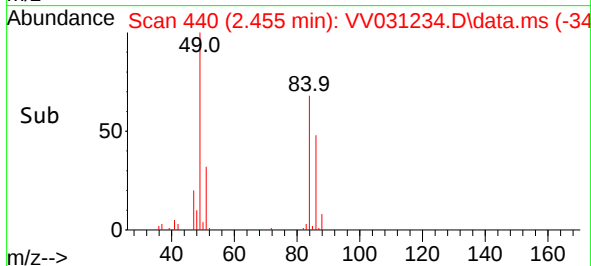
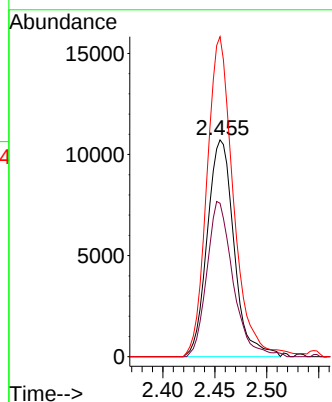


#16
Methylene chloride
Concen: 1.019 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32

Instrument :
MSVOA_V
ClientSampleId :

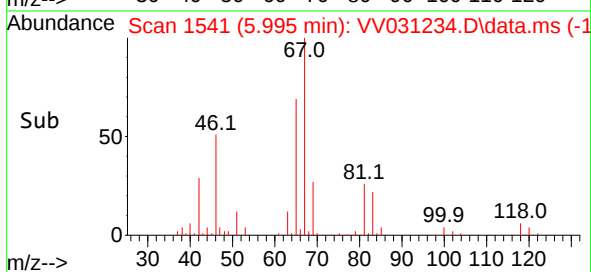
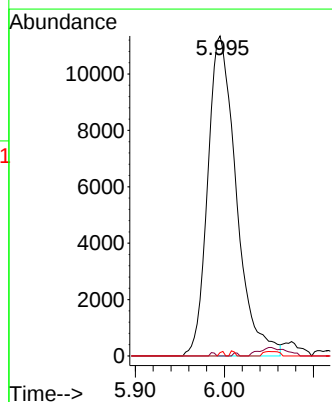
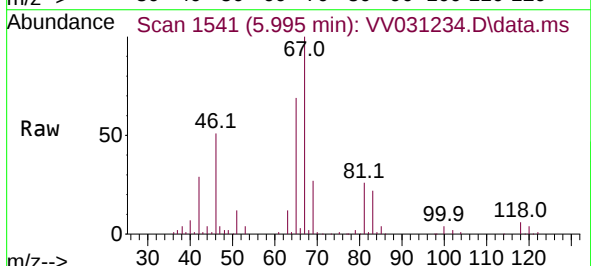


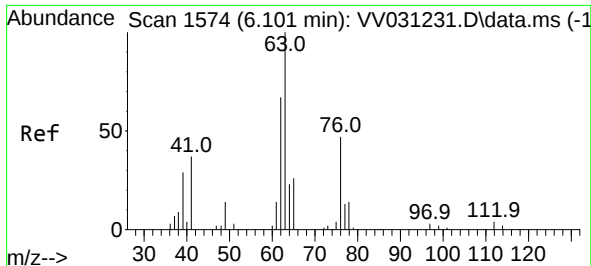
Tgt Ion: 84 Resp: 19226
Ion Ratio Lower Upper
84 100
86 70.8 46.8 86.8
49 147.6 98.8 183.4



#35
Methylcyclohexane
Concen: 1.224 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.064 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32

Tgt Ion: 83 Resp: 25233
Ion Ratio Lower Upper
83 100
55 0.2 74.4 111.6#
98 0.2 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.746 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV031234.D

Acq: 25 May 2023 15:32

Instrument :

MSVOA_V

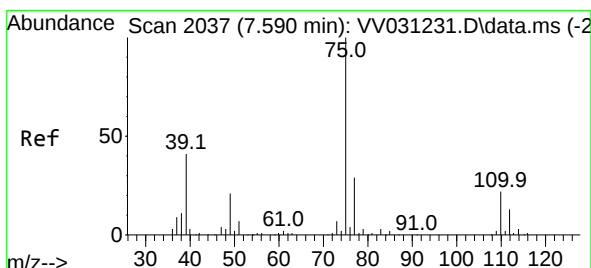
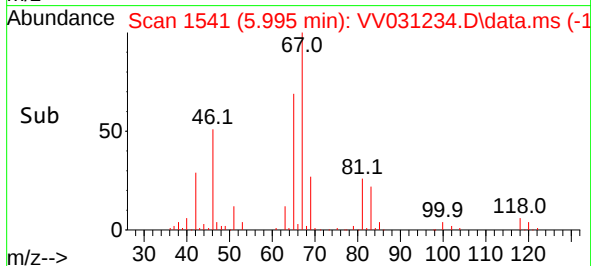
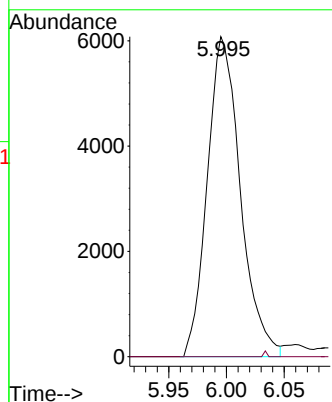
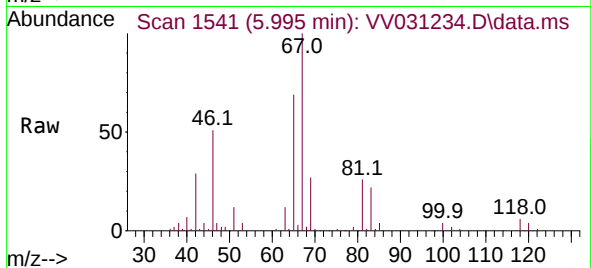
ClientSampleId :

Tgt Ion: 63 Resp: 12131

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#



#44

trans-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.029 min

Lab File: VV031234.D

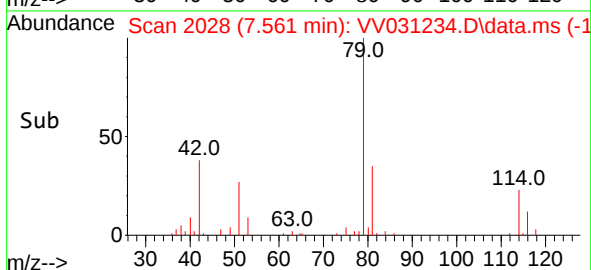
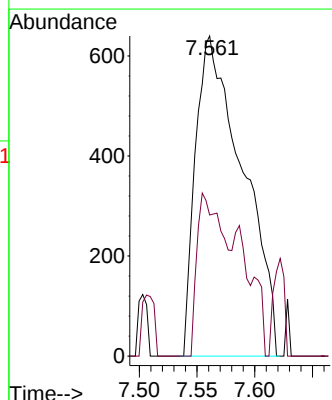
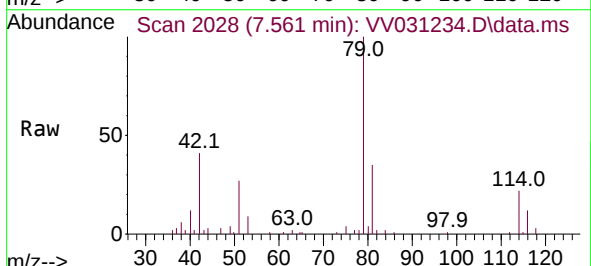
Acq: 25 May 2023 15:32

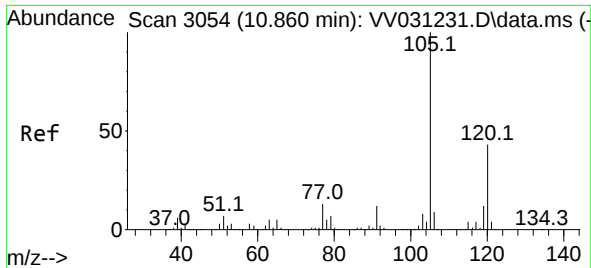
Tgt Ion: 75 Resp: 1818

Ion Ratio Lower Upper

75 100

77 44.1 20.4 38.0#

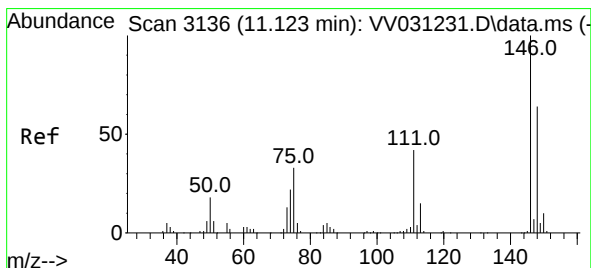
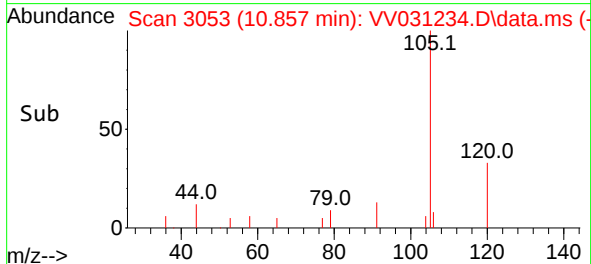
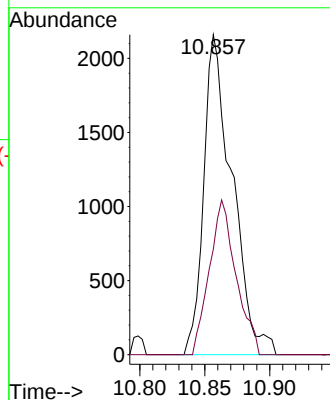
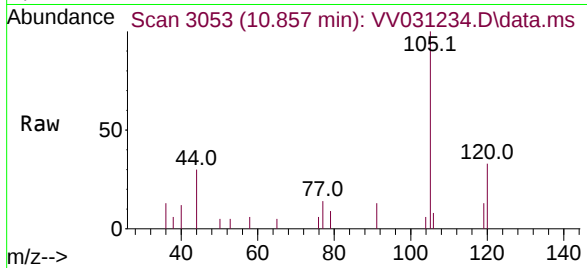




#63
1,2,4-Trimethylbenzene
Concen: 0.081 ug/L
RT: 10.857 min Scan# 3054
Delta R.T. -0.003 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32

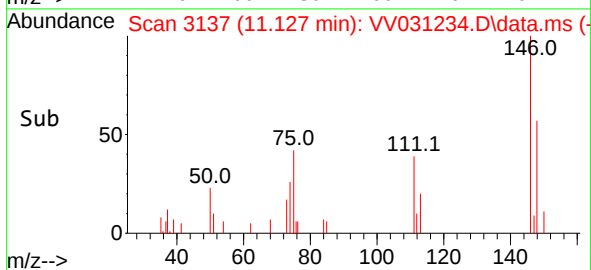
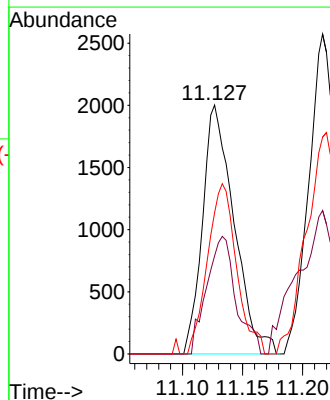
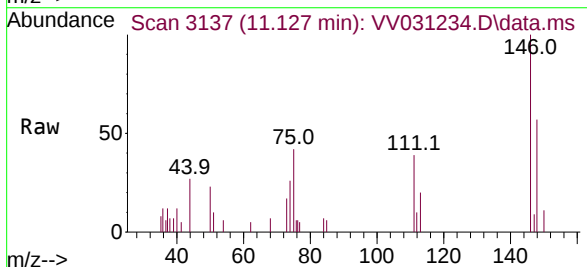
Instrument :
MSVOA_V
ClientSampleId :

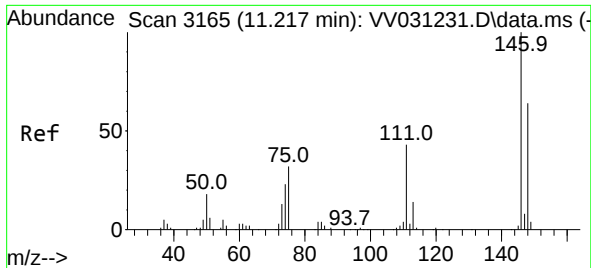
Tgt Ion:105 Resp: 3282
Ion Ratio Lower Upper
105 100
120 45.3 34.4 51.6



#64
1,3-Dichlorobenzene
Concen: 0.158 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32

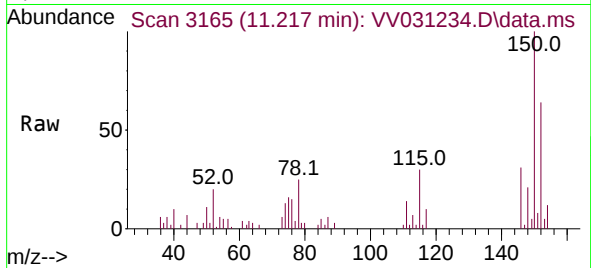
Tgt Ion:146 Resp: 3657
Ion Ratio Lower Upper
146 100
111 39.4 29.5 54.9
148 56.7 44.6 82.8



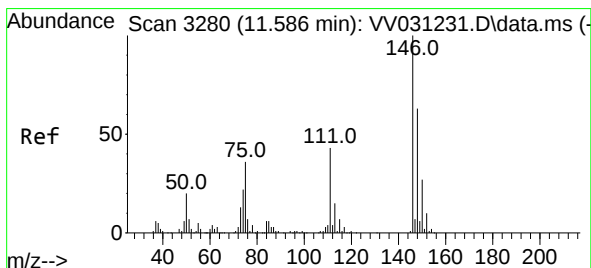
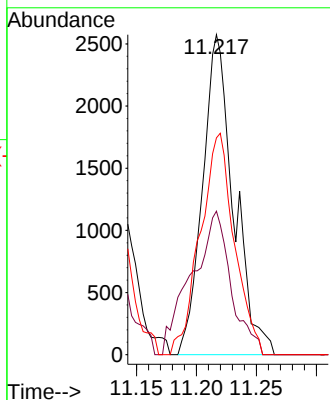
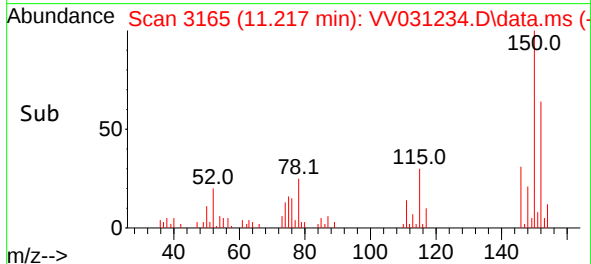


#65
1,4-Dichlorobenzene
Concen: 0.196 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32

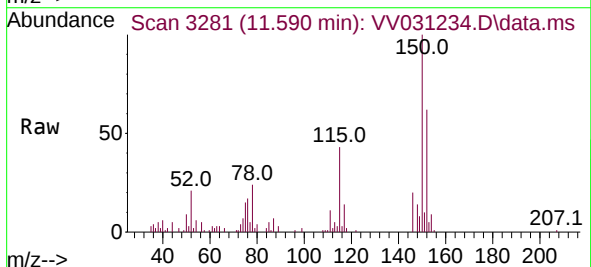
Instrument :
MSVOA_V
ClientSampleId :



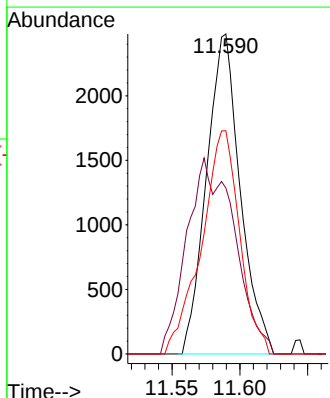
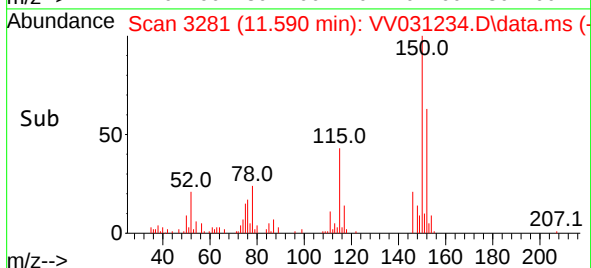
Tgt Ion:146 Resp: 4645
Ion Ratio Lower Upper
146 100
111 44.8 30.4 56.5
148 67.8 44.9 83.3

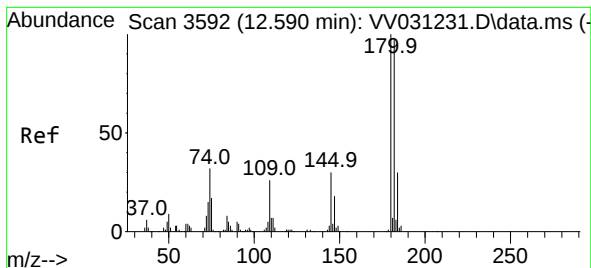


#67
1,2-Dichlorobenzene
Concen: 0.193 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32



Tgt Ion:146 Resp: 4291
Ion Ratio Lower Upper
146 100
111 51.9 34.3 51.5#
148 69.7 50.2 75.2





#69

1,3,5-Trichlorobenzene

Concen: 0.299 ug/L

RT: 12.596 min Scan# 3594

Delta R.T. 0.006 min

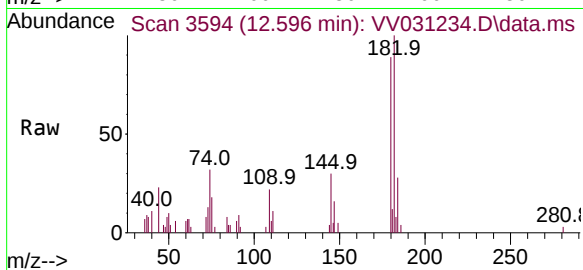
Lab File: VV031234.D

Acq: 25 May 2023 15:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5622

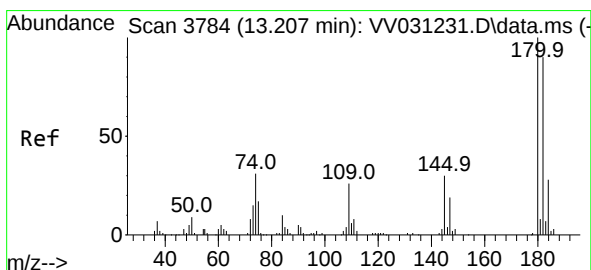
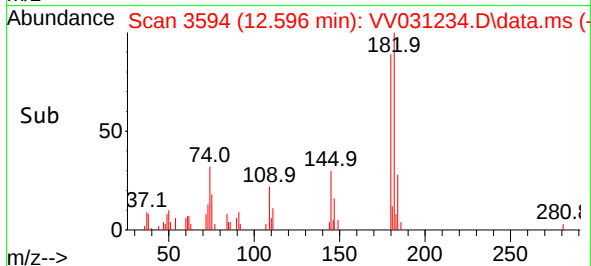
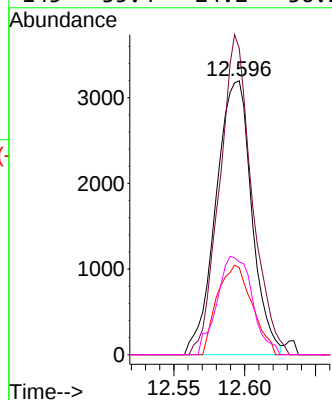
Ion Ratio Lower Upper

180 100

182 105.2 76.6 114.8

184 31.8 24.9 37.3

145 35.4 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 0.596 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV031234.D

Acq: 25 May 2023 15:32

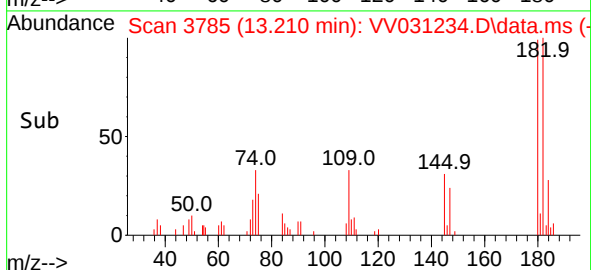
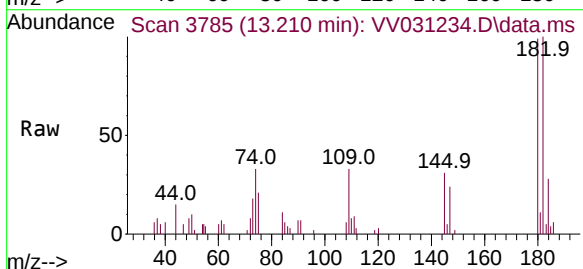
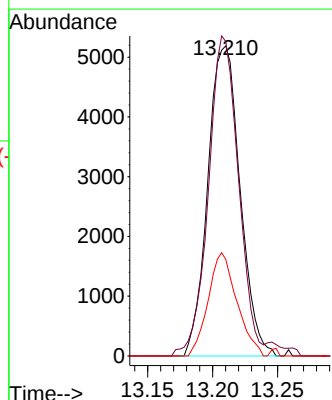
Tgt Ion:180 Resp: 8956

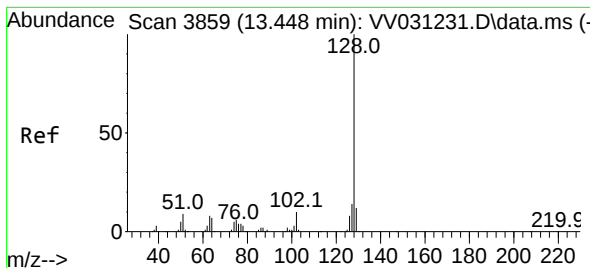
Ion Ratio Lower Upper

180 100

182 95.9 74.8 112.2

145 29.6 24.1 36.1





#71

Naphthalene

Concen: 1.364 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV031234.D

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Instrument :

MSVOA_V

ClientSampleId :

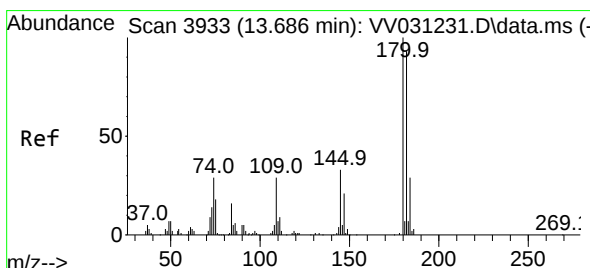
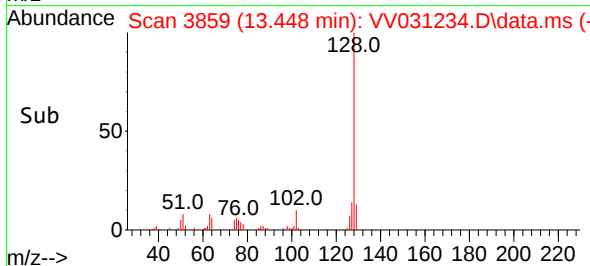
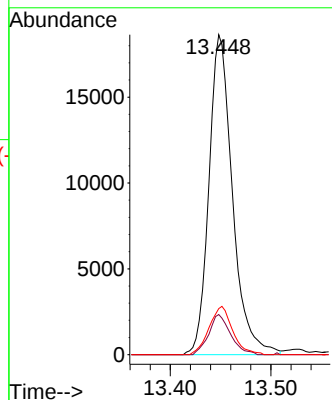
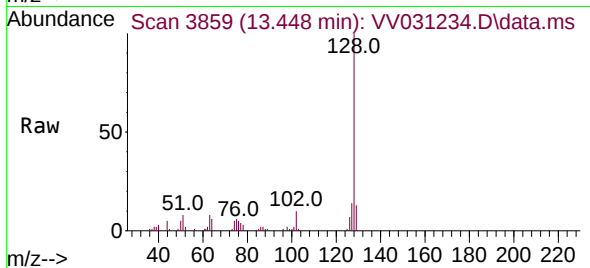
Tgt Ion:128 Resp: 30337

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

127 15.1 11.5 17.3



#72

1,2,3-Trichlorobenzene

Concen: 0.792 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031234.D

Acq: 25 May 2023 15:32

Tgt Ion:180 Resp: 10232

Ion Ratio Lower Upper

180 100

182 100.8 77.6 116.4

145 31.8 26.9 40.3

