

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030223\
 Data File : VV030123.D
 Acq On : 02 Mar 2023 17:23
 Operator : SY/MD
 Sample : 01769-03 500X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBYL3

Quant Time: Mar 03 03:33:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 03:28:37 2023
 Response via : Initial Calibration

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

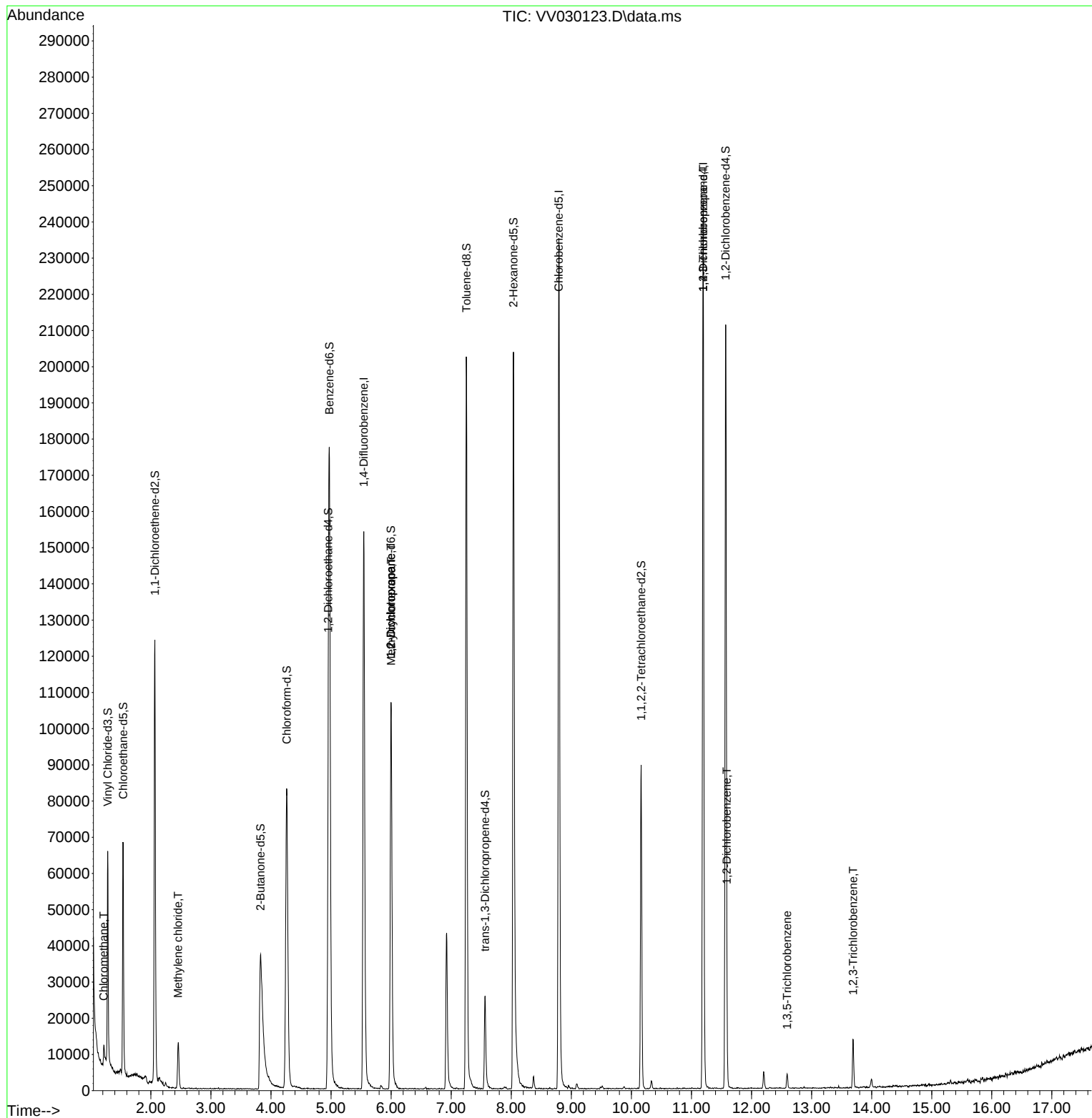
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	142487	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	141816	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	39520	4.286	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.539	69	42901	4.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.066	63	65101	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.825	46	95531	56.201	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.400%
24) Chloroform-d	4.262	84	93385	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.953	65	42773	5.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	4.973	84	174956	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.998	67	56867	4.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.252	98	145565	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.564	79	17584	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.037	63	82759	50.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.860%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43147	5.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	58135	5.025	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3653	0.200	ug/L	98
16) Methylene chloride	2.455	84	5929	0.508	ug/L	91
35) Methylcyclohexane	6.002	83	14231	0.866	ug/L #	21
37) 1,2-Dichloropropane	5.998	63	6086	0.618	ug/L #	86
61) 1,2,3-Trichloropropane	11.194	75	7172	1.567	ug/L #	64
67) 1,2-Dichlorobenzene	11.590	146	2188	0.121	ug/L	99
69) 1,3,5-Trichlorobenzene	12.593	180	1708	0.101	ug/L	89
72) 1,2,3-Trichlorobenzene	13.693	180	4610	0.411	ug/L	95

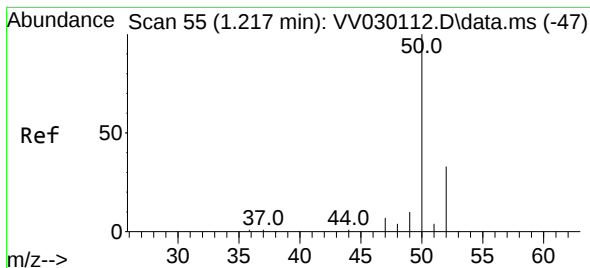
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.200 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030123.D

Acq: 02 Mar 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :

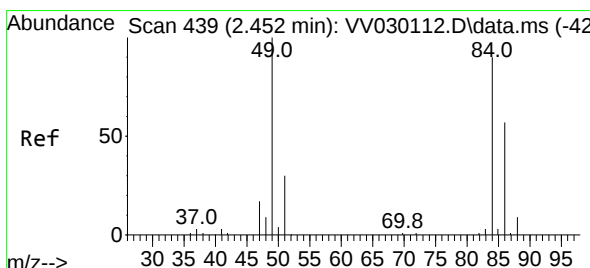
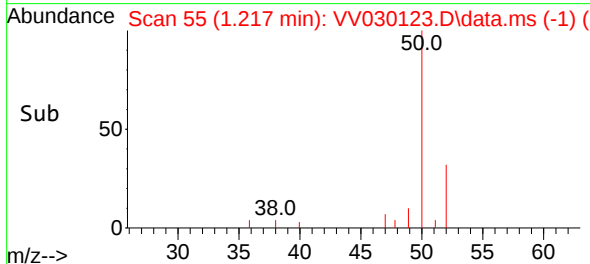
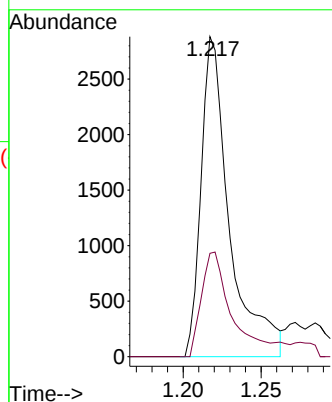
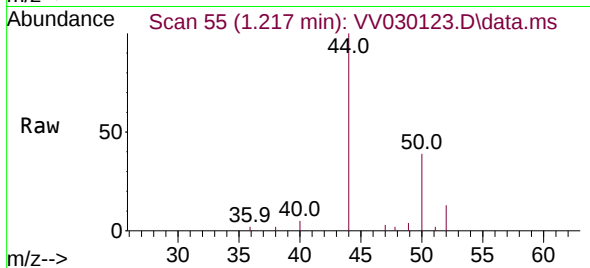
DBYL3

Tgt Ion: 50 Resp: 3653

Ion Ratio Lower Upper

50 100

52 32.3 23.6 43.8



#16

Methylene chloride

Concen: 0.508 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030123.D

Acq: 02 Mar 2023 17:23

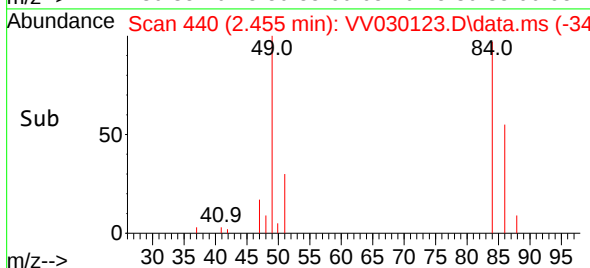
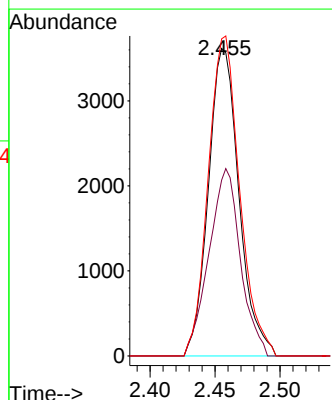
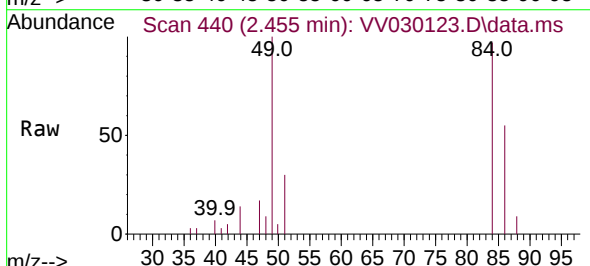
Tgt Ion: 84 Resp: 5929

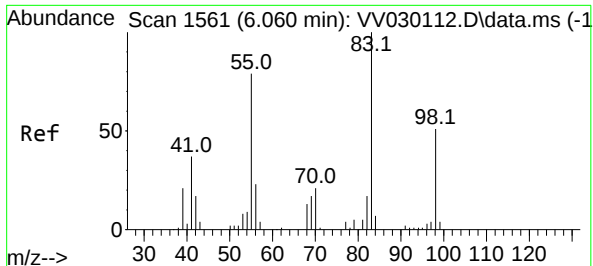
Ion Ratio Lower Upper

84 100

86 57.2 44.7 83.1

49 103.1 78.8 146.3





#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.002 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV030123.D

Acq: 02 Mar 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :

DBYL3

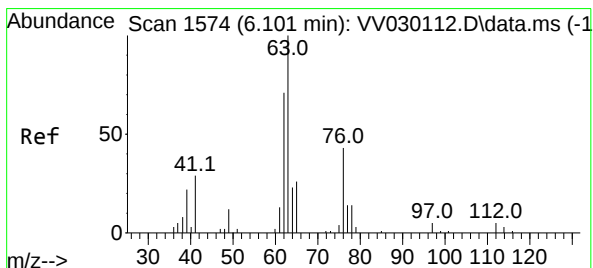
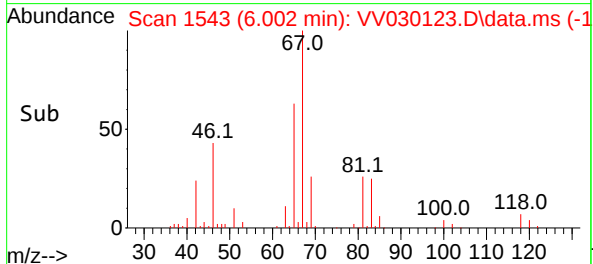
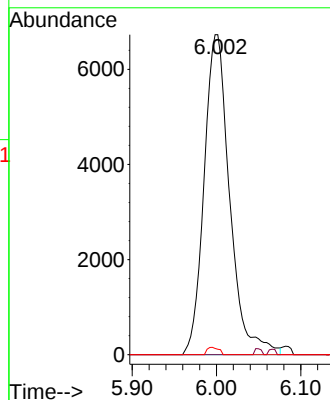
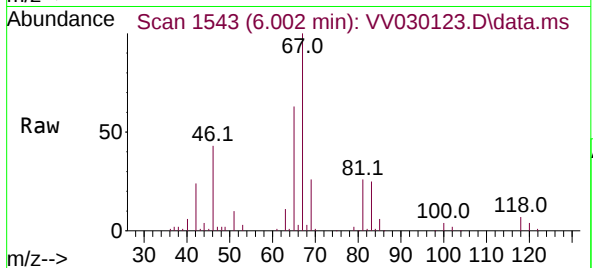
Tgt Ion: 83 Resp: 14231

Ion Ratio Lower Upper

83 100

55 0.5 57.6 86.4#

98 1.0 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV030123.D

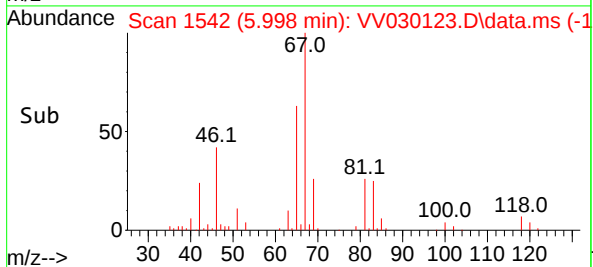
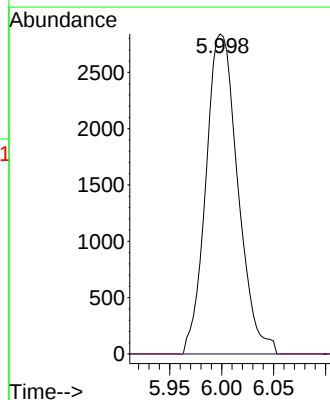
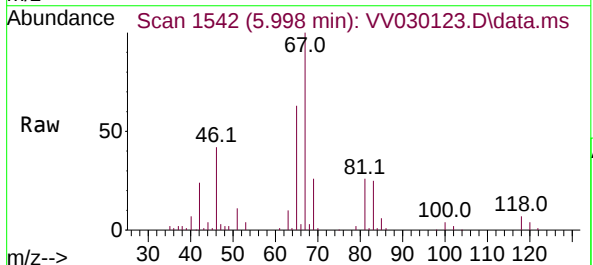
Acq: 02 Mar 2023 17:23

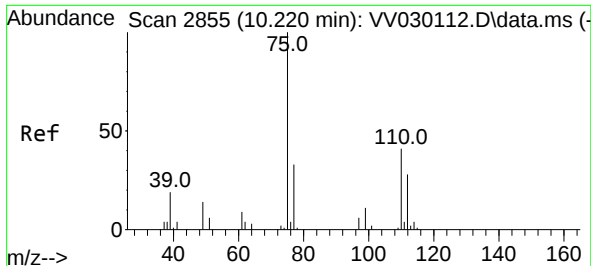
Tgt Ion: 63 Resp: 6086

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

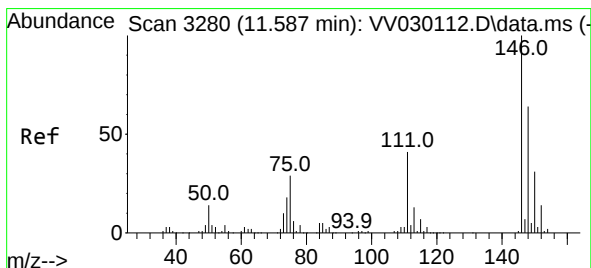
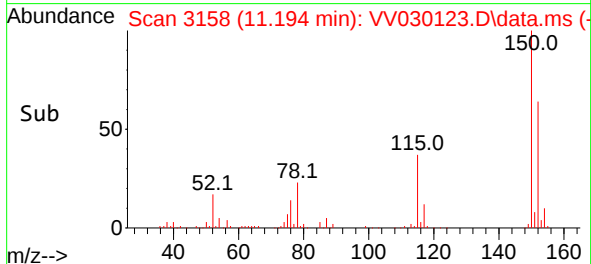
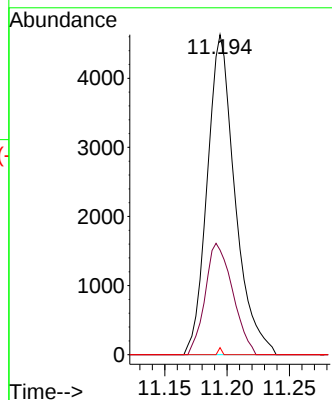
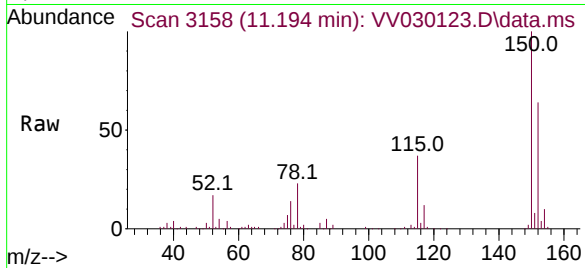




#61
1,2,3-Trichloropropane
Concen: 1.567 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.974 min
Lab File: VV030123.D
Acq: 02 Mar 2023 17:23

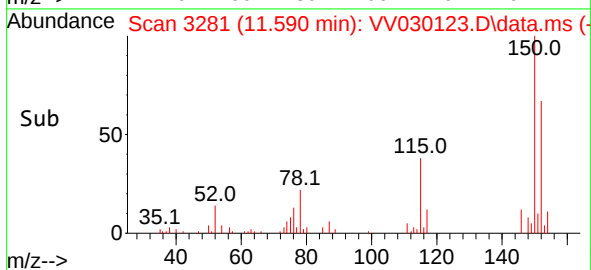
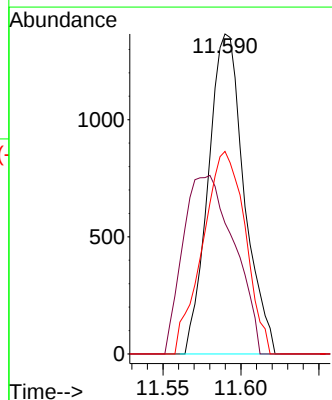
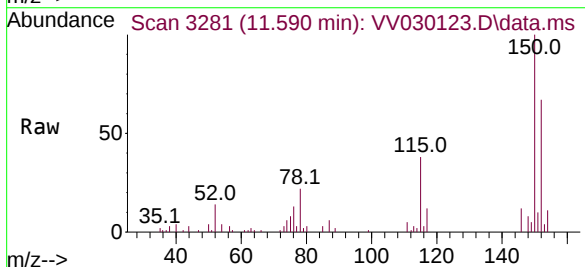
Instrument :
MSVOA_V
ClientSampleId :
DBYL3

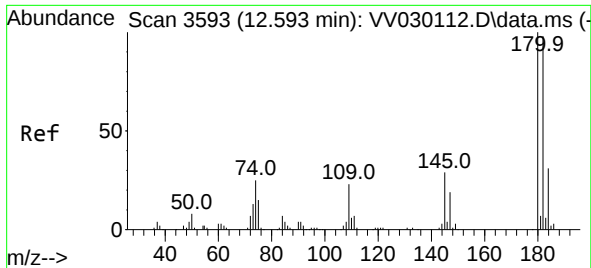
Tgt Ion: 75 Resp: 7172
Ion Ratio Lower Upper
75 100
77 34.4 26.5 39.7
110 0.3 31.8 47.6#



#67
1,2-Dichlorobenzene
Concen: 0.121 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030123.D
Acq: 02 Mar 2023 17:23

Tgt Ion: 146 Resp: 2188
Ion Ratio Lower Upper
146 100
111 40.9 33.5 50.3
148 63.3 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 0.101 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. -0.000 min

Lab File: VV030123.D

Acq: 02 Mar 2023 17:23

Instrument :

MSVOA_V

ClientSampleId :

DBYL3

Tgt Ion:180 Resp: 1708

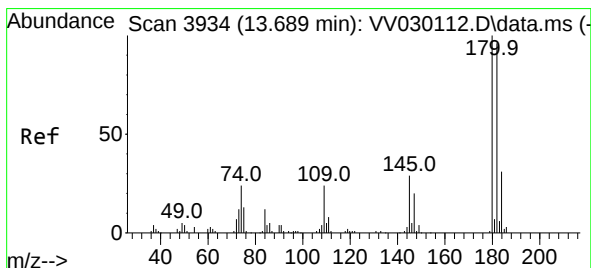
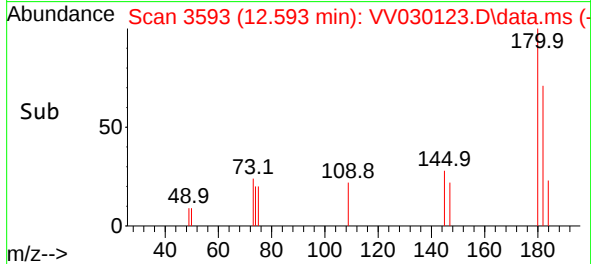
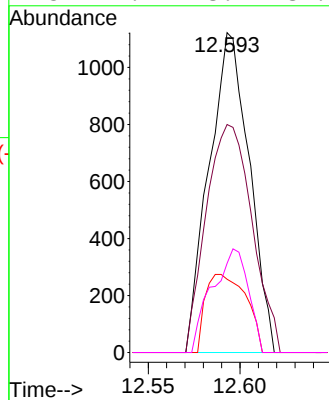
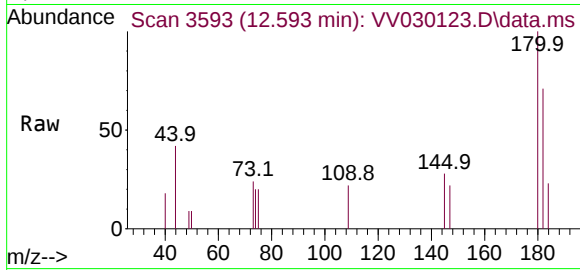
Ion Ratio Lower Upper

180 100

182 81.3 76.5 114.7

184 24.7 24.3 36.5

145 29.4 23.1 34.7



#72

1,2,3-Trichlorobenzene

Concen: 0.411 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030123.D

Acq: 02 Mar 2023 17:23

Tgt Ion:180 Resp: 4610

Ion Ratio Lower Upper

180 100

182 90.3 76.2 114.2

145 28.9 25.1 37.7

