

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034956.D
 Acq On : 03 Apr 2024 15:04
 Operator : SY/MD
 Sample : P1925-16 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:53:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

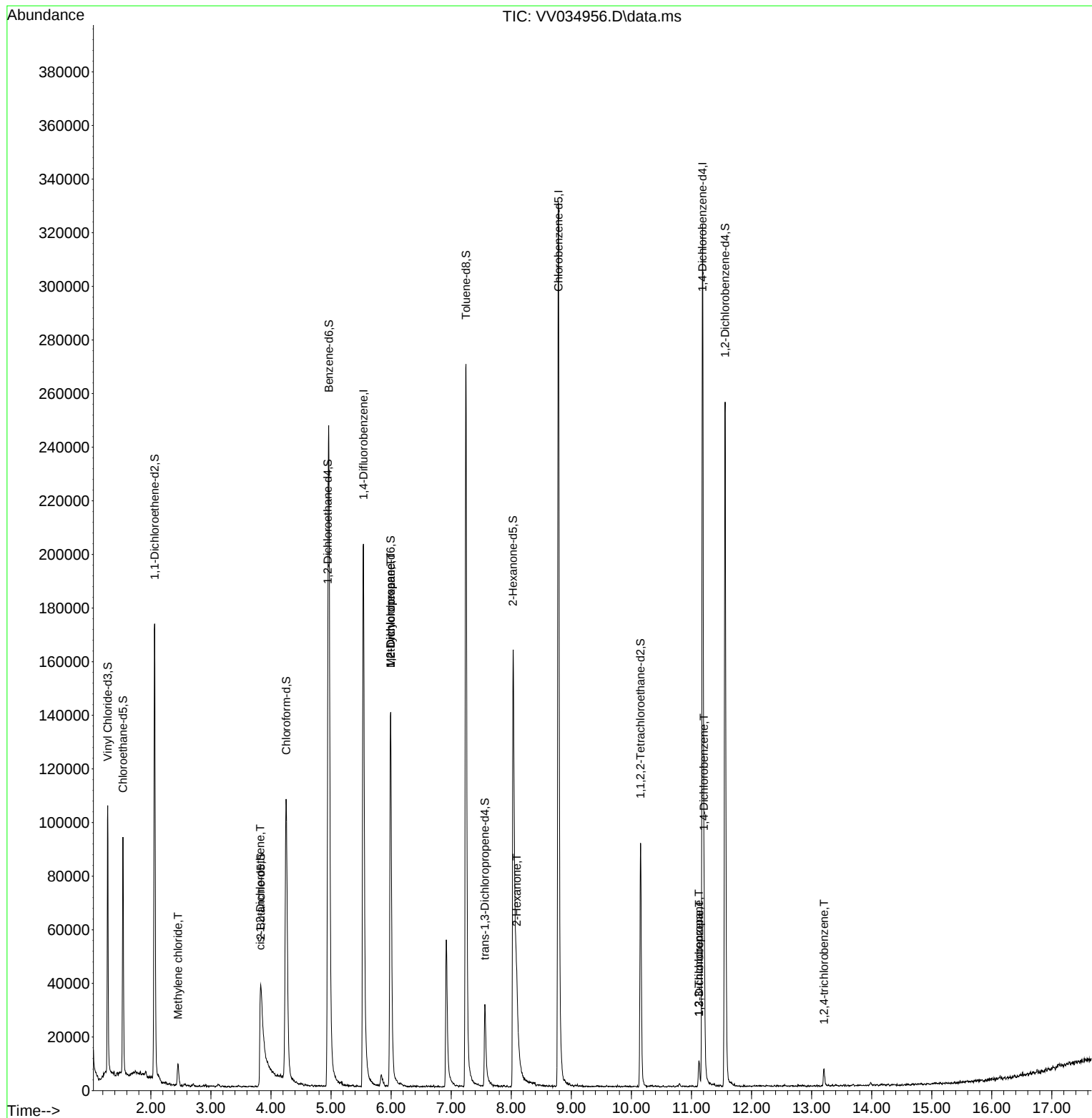
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	183781	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	185889	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	64267	4.243	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.536	69	57262	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.063	65	29871	4.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.828	46	72556	30.617	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.240%
24) Chloroform-d	4.253	84	115386	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.947	65	57094	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.963	84	230407	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.992	67	72836	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.246	98	191605	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.561	79	22036	4.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.031	63	71491	41.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.180%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	46982	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	67285	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
16) Methylene chloride	2.452	84	3485	0.228	ug/L	95
22) cis-1,2-Dichloroethene	3.822	96	2475	0.171	ug/L	91
35) Methylcyclohexane	5.992	83	16461	0.729	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	8068	0.547	ug/L #	87
48) 2-Hexanone	8.092	43	18495	3.680	ug/L #	87
61) 1,2,3-Trichloropropane	11.124	75	1400	0.182	ug/L #	40
64) 1,3-Dichlorobenzene	11.127	146	4751	0.181	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	21928	0.832	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	2534	0.165	ug/L	95

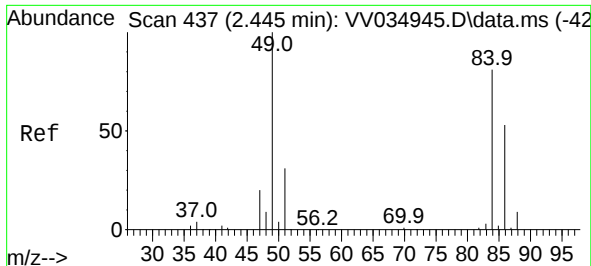
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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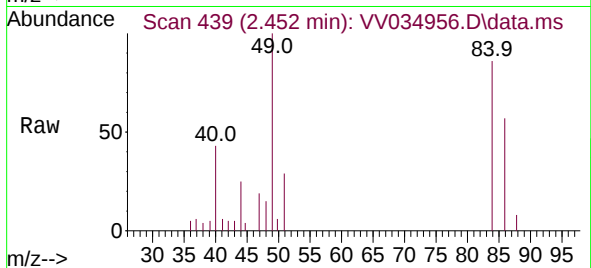
Quant Time: Apr 04 02:53:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
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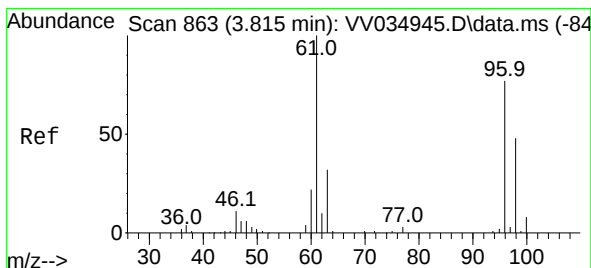
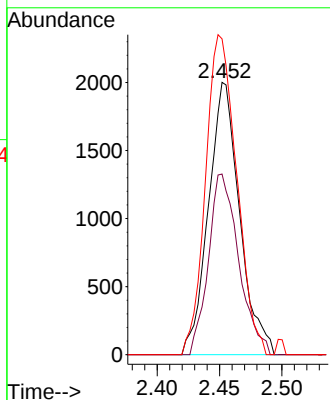
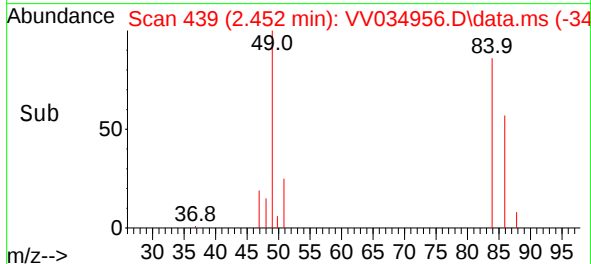


#16
Methylene chloride
Concen: 0.228 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV034956.D
Acq: 03 Apr 2024 15:04

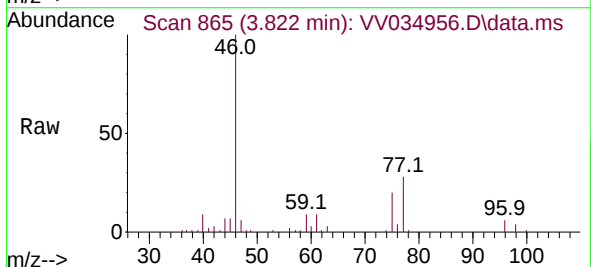
Instrument :
MSVOA_V
ClientSampleId :



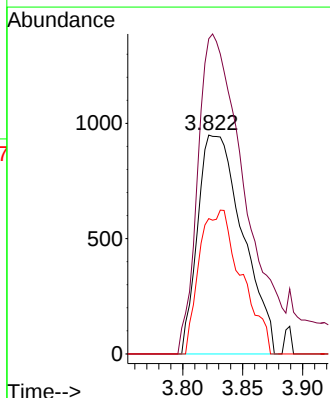
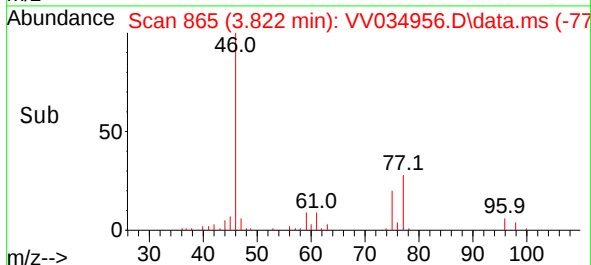
Tgt Ion: 84 Resp: 3485
Ion Ratio Lower Upper
84 100
86 66.3 43.5 80.9
49 122.7 82.5 153.3

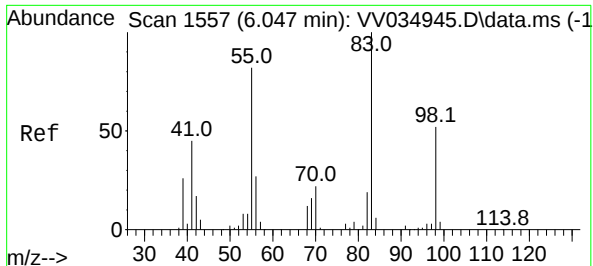


#22
cis-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.007 min
Lab File: VV034956.D
Acq: 03 Apr 2024 15:04



Tgt Ion: 96 Resp: 2475
Ion Ratio Lower Upper
96 100
61 144.0 90.3 167.7
98 61.9 42.7 79.3





#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV034956.D

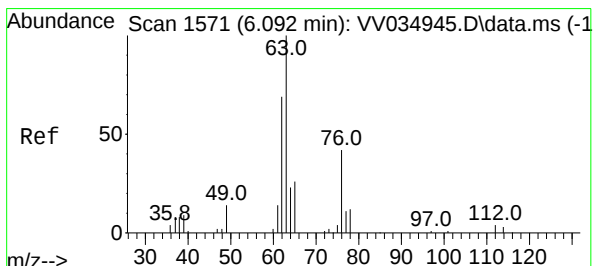
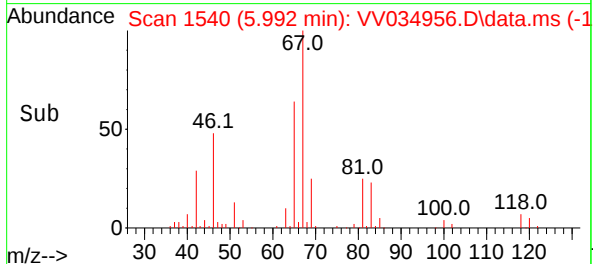
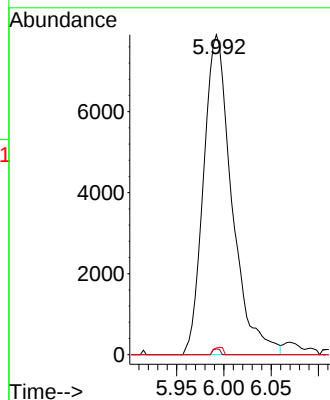
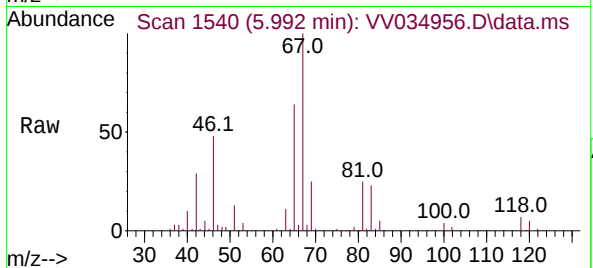
Acq: 03 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 16461
Ion Ratio	Lower Upper
83	100
55	0.5 60.6 91.0#
98	0.8 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.547 ug/L

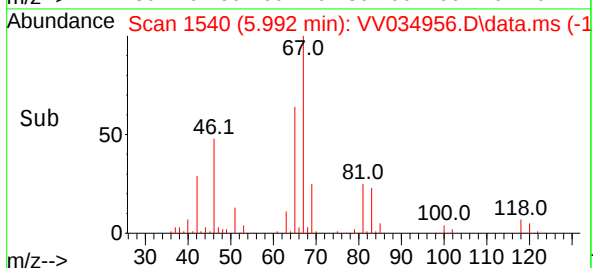
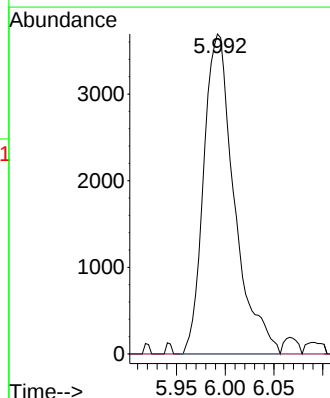
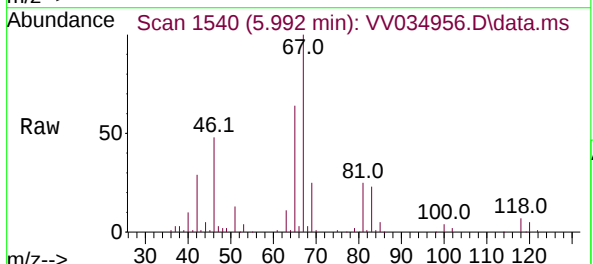
RT: 5.992 min Scan# 1540

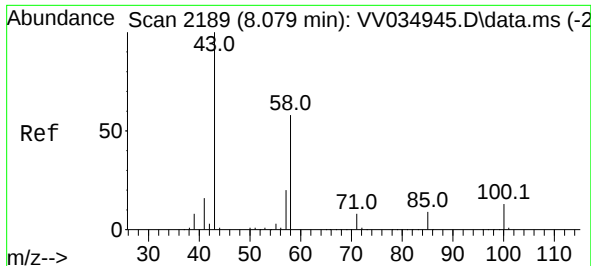
Delta R.T. -0.100 min

Lab File: VV034956.D

Acq: 03 Apr 2024 15:04

Tgt Ion: 63	Resp: 8068
Ion Ratio	Lower Upper
63	100
112	0.0 3.5 5.3#



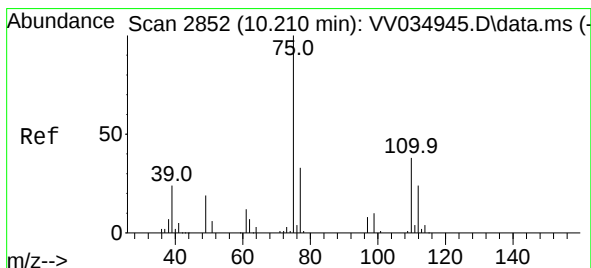
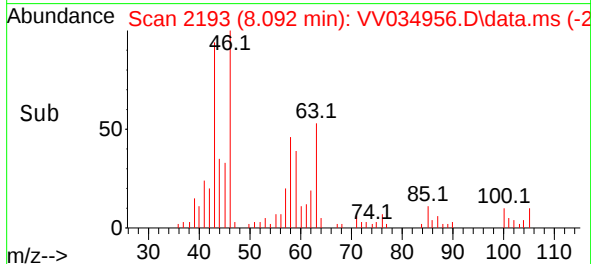
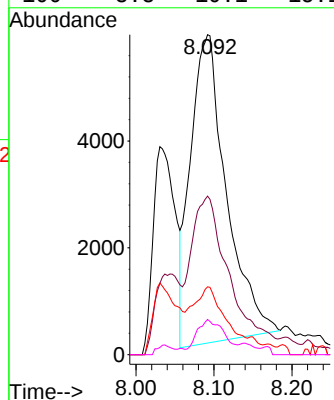
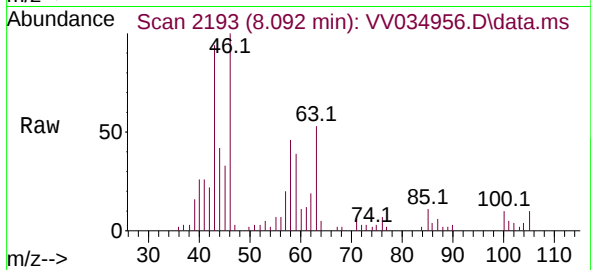


#48
2-Hexanone
Concen: 3.680 ug/L
RT: 8.092 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV034956.D
Acq: 03 Apr 2024 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 18495

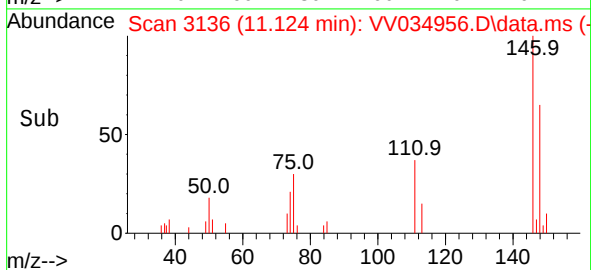
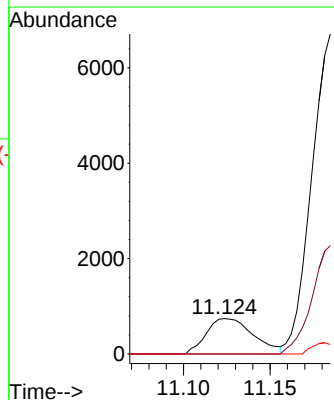
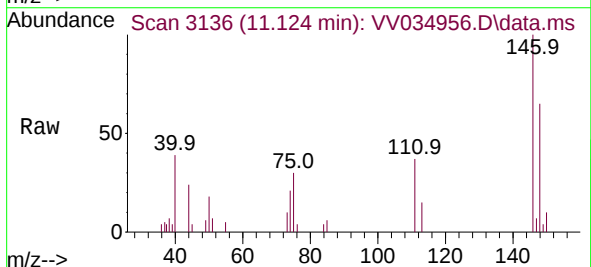
Ion	Ratio	Lower	Upper
43	100		
58	48.9	48.2	72.4
57	15.0	15.6	23.4#
100	8.8	10.1	15.1#

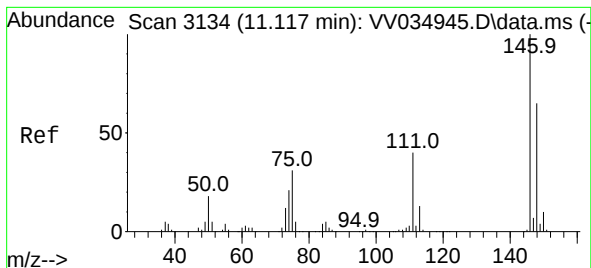


#61
1,2,3-Trichloropropane
Concen: 0.182 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.913 min
Lab File: VV034956.D
Acq: 03 Apr 2024 15:04

Tgt Ion: 75 Resp: 1400

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
110	0.0	31.0	46.6#





#64

1,3-Dichlorobenzene

Concen: 0.181 ug/L

RT: 11.127 min Scan# 3134

Delta R.T. 0.010 min

Lab File: VV034956.D

Acq: 03 Apr 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

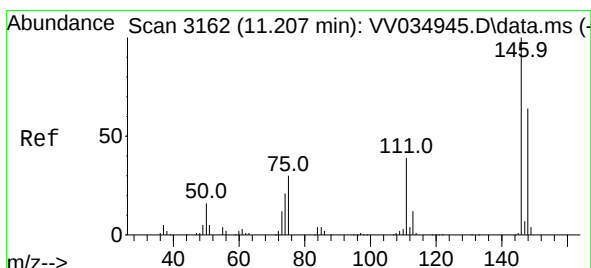
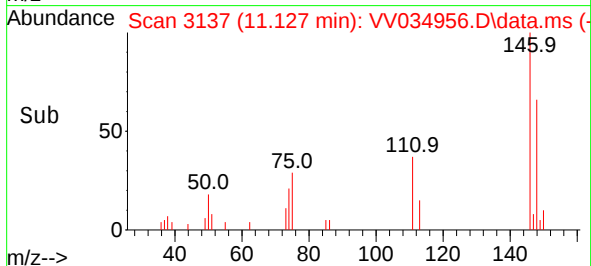
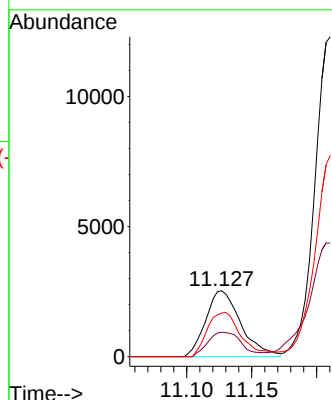
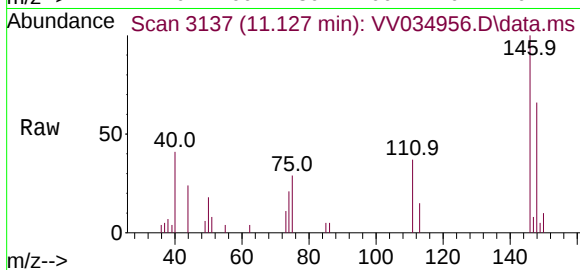
Tgt Ion:146 Resp: 4751

Ion Ratio Lower Upper

146 100

111 37.1 27.7 51.5

148 66.2 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 0.832 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034956.D

Acq: 03 Apr 2024 15:04

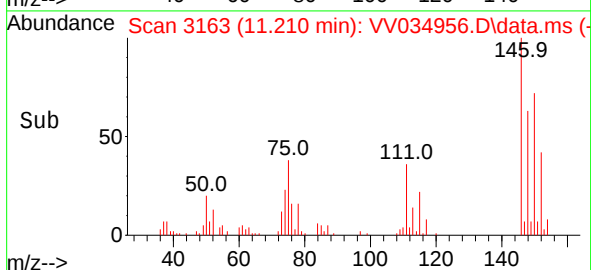
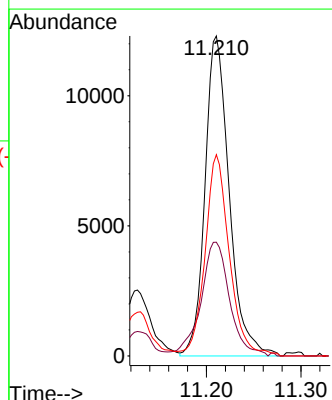
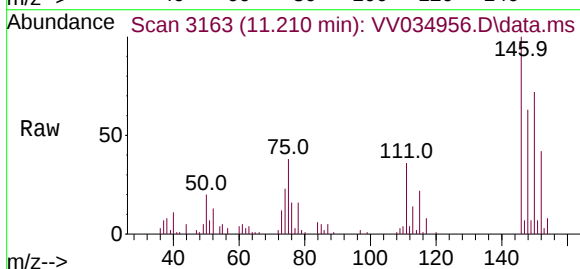
Tgt Ion:146 Resp: 21928

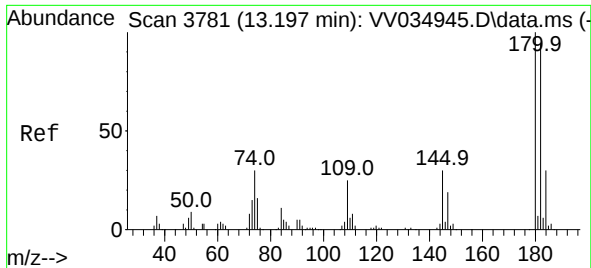
Ion Ratio Lower Upper

146 100

111 35.5 27.3 50.7

148 62.9 43.5 80.7





#70

1,2,4-trichlorobenzene

Concen: 0.165 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.010 min

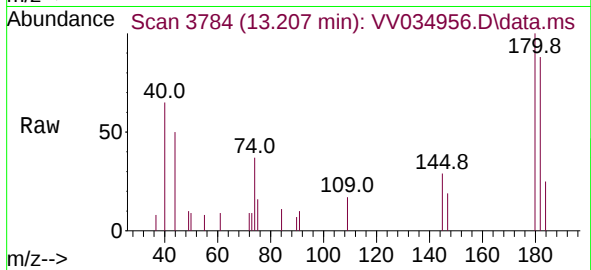
Lab File: VV034956.D

Acq: 03 Apr 2024 15:04

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MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2534

Ion Ratio Lower Upper

180 100

182 98.7 75.3 112.9

145 27.0 23.4 35.0

