

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034942.D
 Acq On : 02 Apr 2024 19:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:24:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 05:08:19 2024
 Response via : Initial Calibration

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

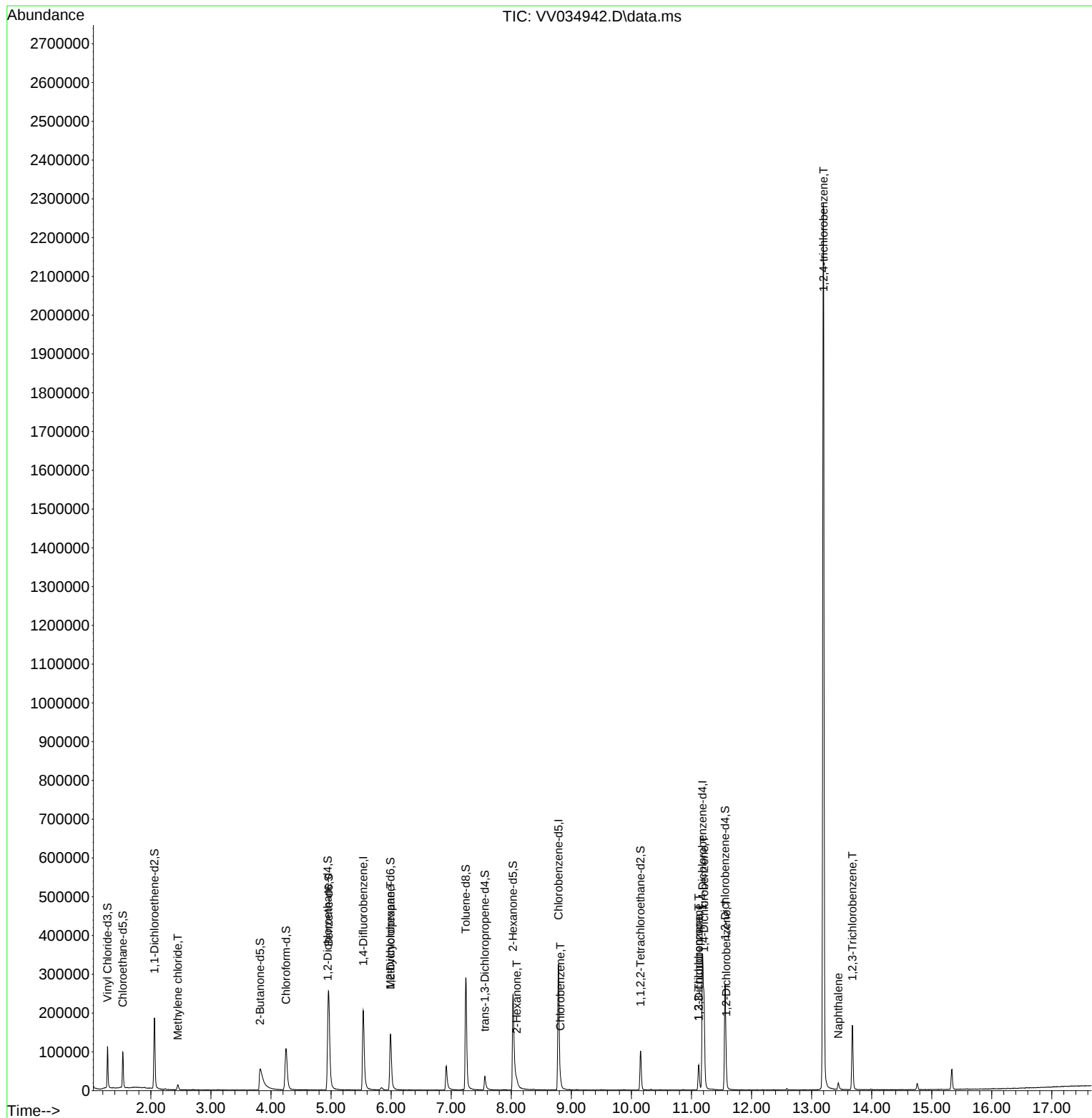
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	186914	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	181752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	69567	4.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.532	69	60054	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.060	65	31218	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.818	46	127871	53.054	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.100%
24) Chloroform-d	4.249	84	117527	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.944	65	59780	5.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.960	84	241035	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.989	67	75935	5.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.243	98	204609	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.561	79	24495	4.941	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.027	63	97240	57.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.320%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	51645	5.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	70034	5.323	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	5092	0.327	ug/L	84
35) Methylcyclohexane	5.989	83	18098	0.820	ug/L #	19
48) 2-Hexanone	8.092	43	17203	3.501	ug/L #	83
51) Chlorobenzene	8.818	112	11752	0.311	ug/L	91
61) 1,2,3-Trichloropropane	11.120	75	8562	1.098	ug/L #	48
64) 1,3-Dichlorobenzene	11.120	146	28521	1.070	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	90029	3.374	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	9614	0.391	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	677167	43.576	ug/L	98
71) Naphthalene	13.445	128	14389	0.659	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	49693	3.636	ug/L	99

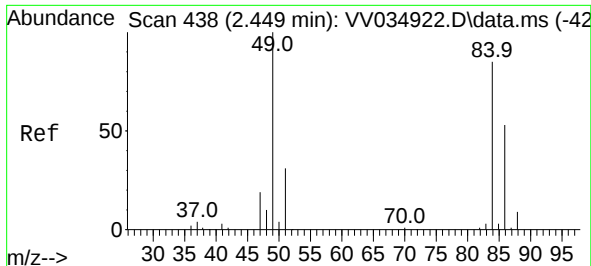
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 05:08:19 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.327 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV034942.D

Acq: 02 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

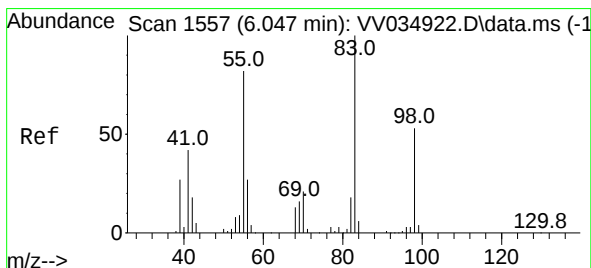
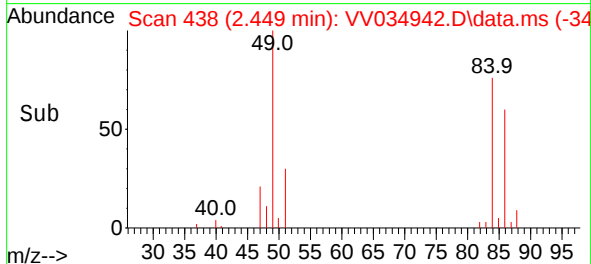
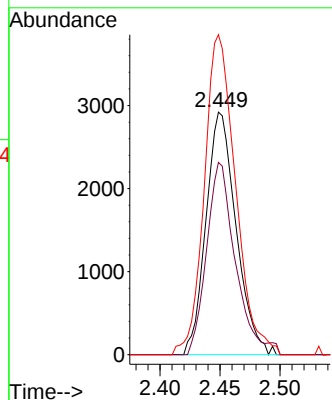
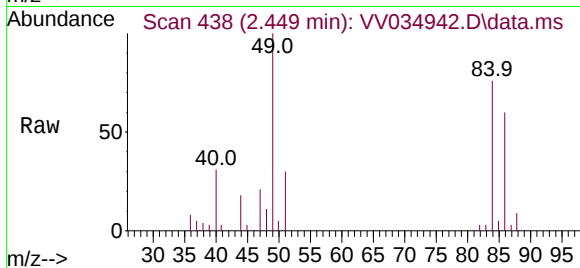
Tgt Ion: 84 Resp: 5092

Ion Ratio Lower Upper

84 100

86 79.3 43.5 80.9

49 131.9 82.5 153.3



#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV034942.D

Acq: 02 Apr 2024 19:32

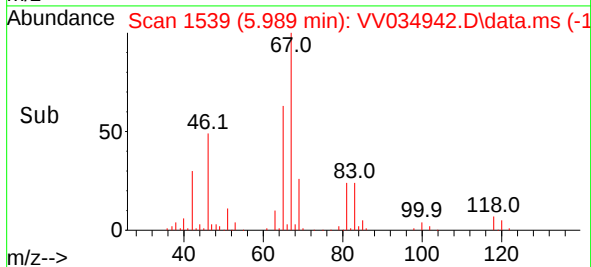
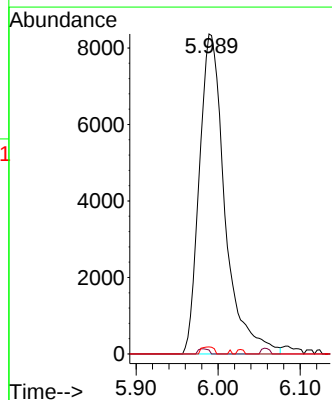
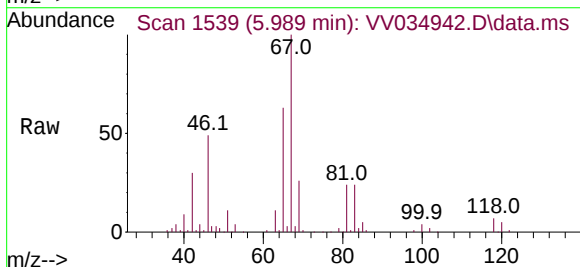
Tgt Ion: 83 Resp: 18098

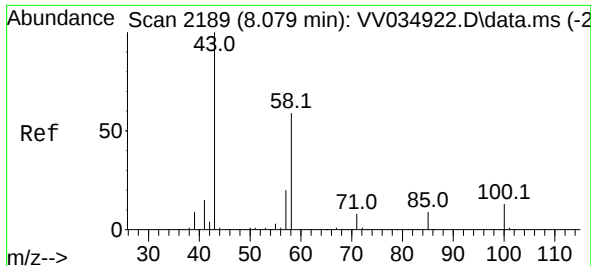
Ion Ratio Lower Upper

83 100

55 0.6 60.6 91.0#

98 1.1 37.8 56.6#





#48

2-Hexanone

Concen: 3.501 ug/L

RT: 8.092 min Scan# 2189

Delta R.T. 0.013 min

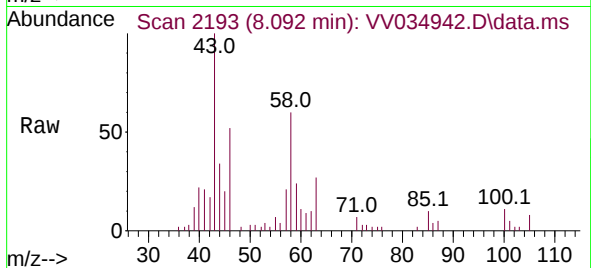
Lab File: VV034942.D

Acq: 02 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 17203

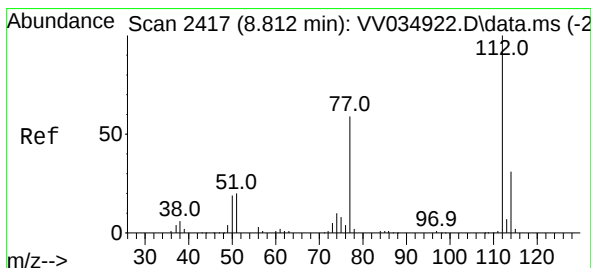
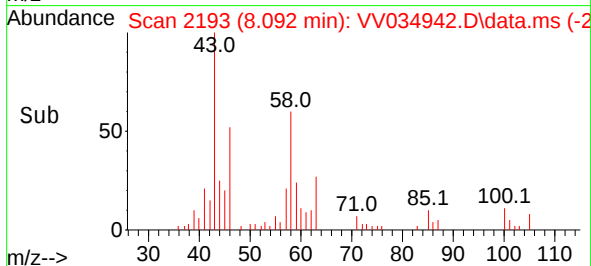
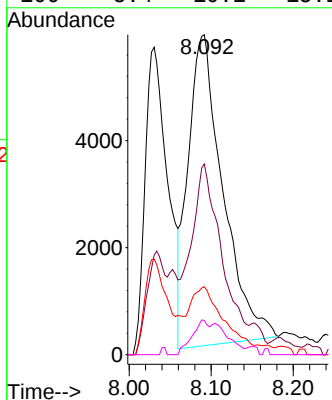
Ion Ratio Lower Upper

43 100

58 44.0 48.2 72.4#

57 18.4 15.6 23.4

100 5.4 10.1 15.1#



#51

Chlorobenzene

Concen: 0.311 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.007 min

Lab File: VV034942.D

Acq: 02 Apr 2024 19:32

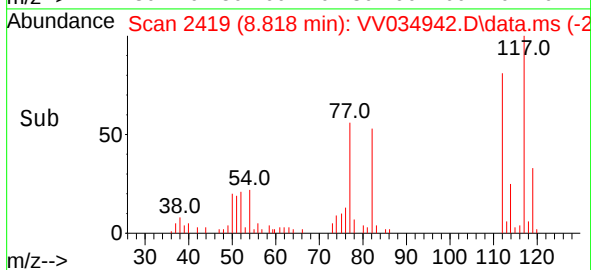
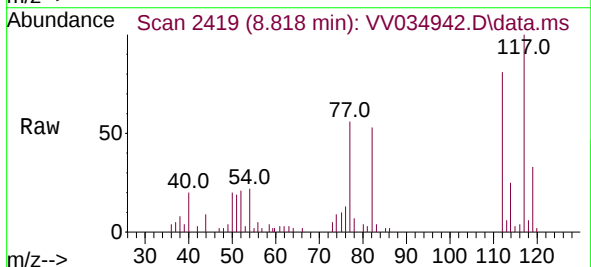
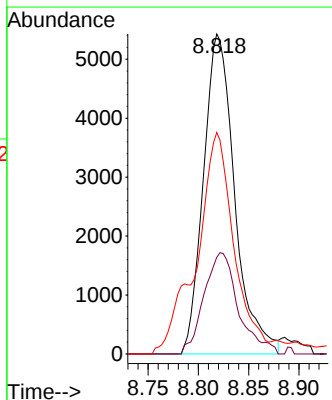
Tgt Ion: 112 Resp: 11752

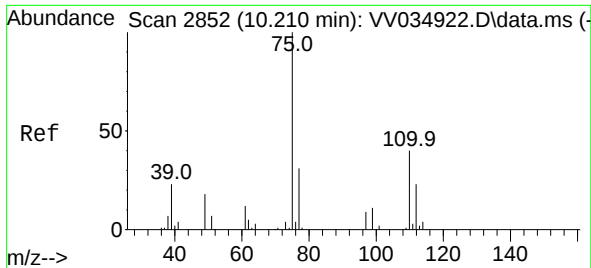
Ion Ratio Lower Upper

112 100

114 30.2 21.9 40.7

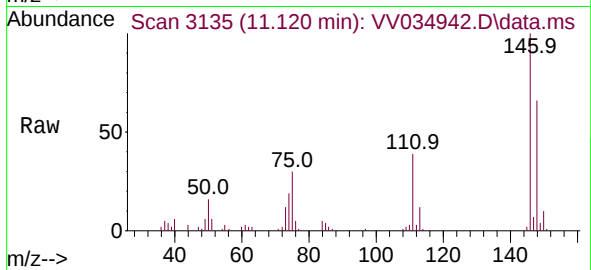
77 69.2 47.4 71.2



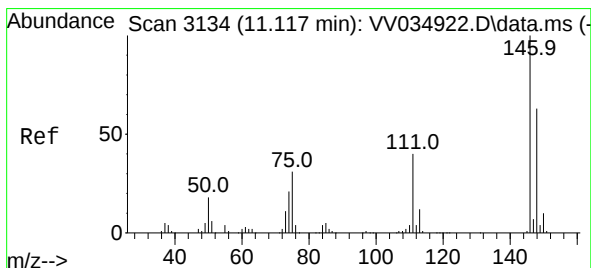
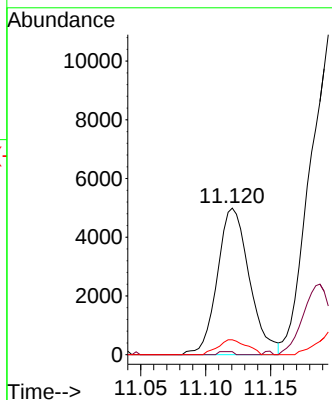
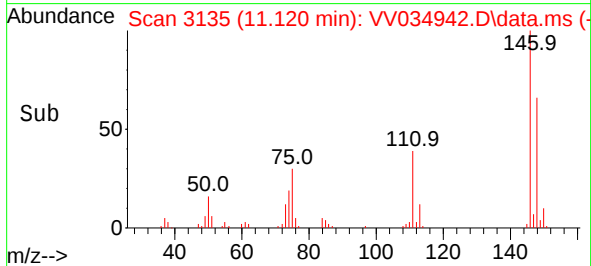


#61
1,2,3-Trichloropropane
Concen: 1.098 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.910 min
Lab File: VV034942.D
Acq: 02 Apr 2024 19:32

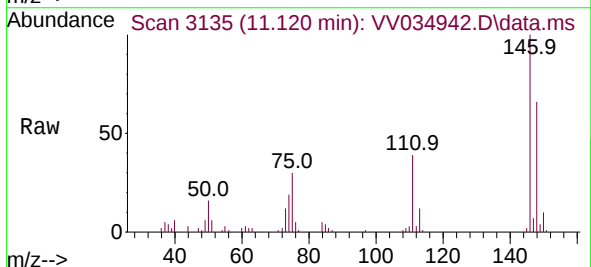
Instrument :
MSVOA_V
ClientSampleId :



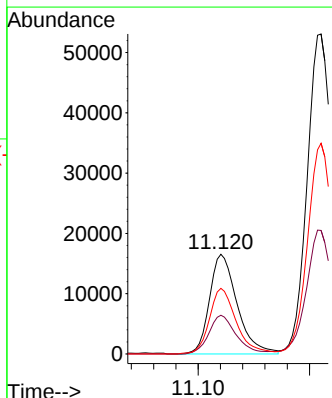
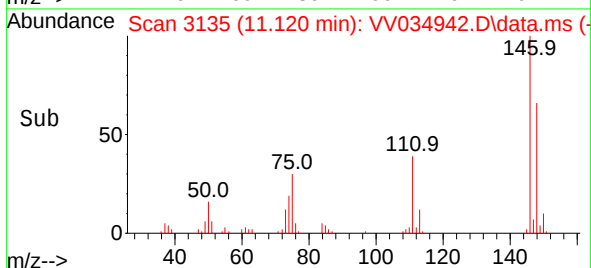
Tgt Ion: 75 Resp: 8562
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
110 9.1 31.0 46.6#

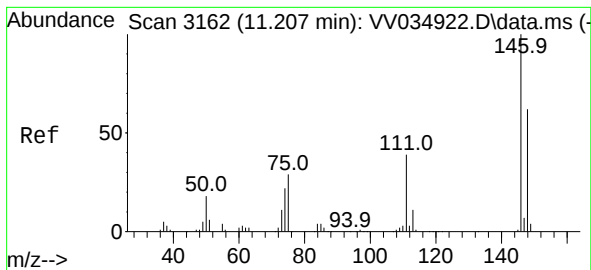


#64
1,3-Dichlorobenzene
Concen: 1.070 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV034942.D
Acq: 02 Apr 2024 19:32



Tgt Ion:146 Resp: 28521
Ion Ratio Lower Upper
146 100
111 38.9 27.7 51.5
148 65.9 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 3.374 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

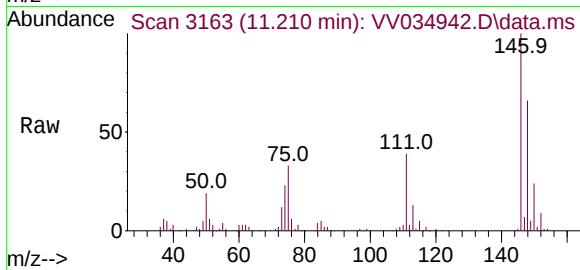
Lab File: VV034942.D

Acq: 02 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :



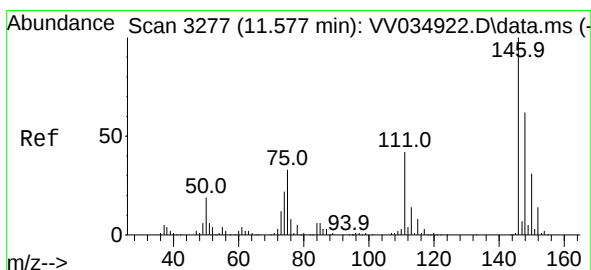
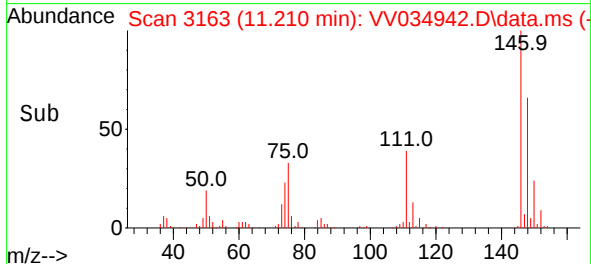
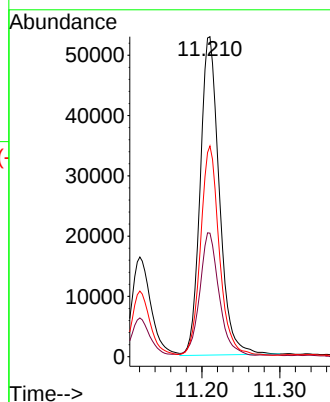
Tgt Ion:146 Resp: 90029

Ion Ratio Lower Upper

146 100

111 38.6 27.3 50.7

148 65.9 43.5 80.7



#67

1,2-Dichlorobenzene

Concen: 0.391 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV034942.D

Acq: 02 Apr 2024 19:32

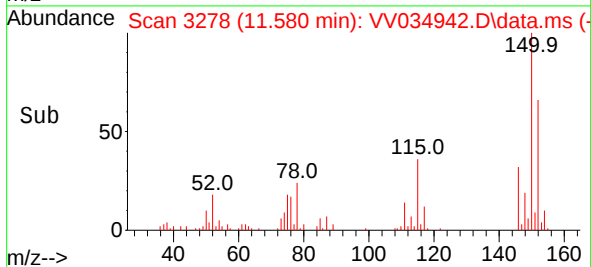
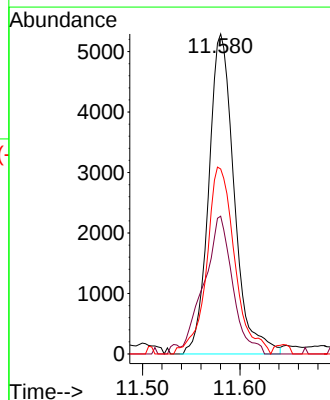
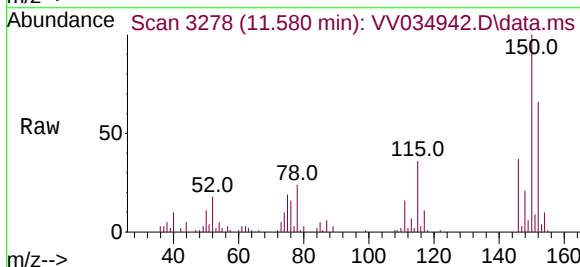
Tgt Ion:146 Resp: 9614

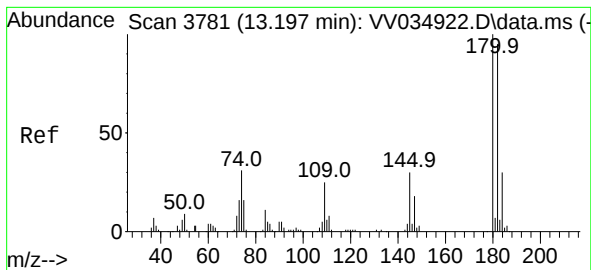
Ion Ratio Lower Upper

146 100

111 43.1 33.9 50.9

148 57.8 49.3 73.9





#70

1,2,4-trichlorobenzene

Concen: 43.576 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034942.D

Acq: 02 Apr 2024 19:32

Instrument :

MSVOA_V

ClientSampleId :

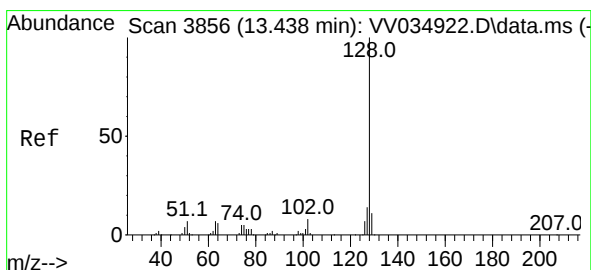
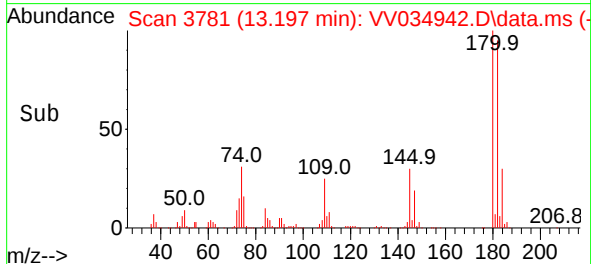
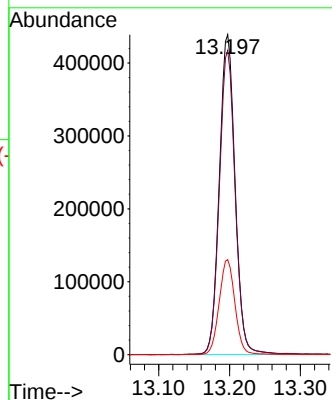
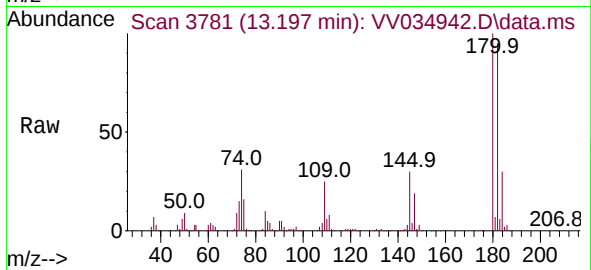
Tgt Ion:180 Resp: 677167

Ion Ratio Lower Upper

180 100

182 95.9 75.3 112.9

145 30.0 23.4 35.0



#71

Naphthalene

Concen: 0.659 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.007 min

Lab File: VV034942.D

Acq: 02 Apr 2024 19:32

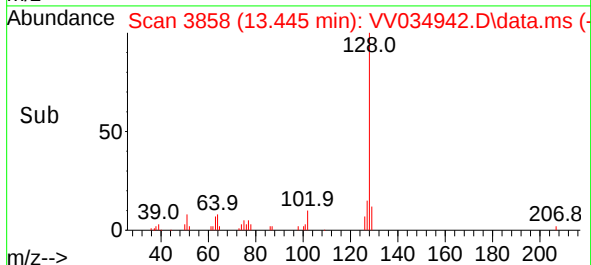
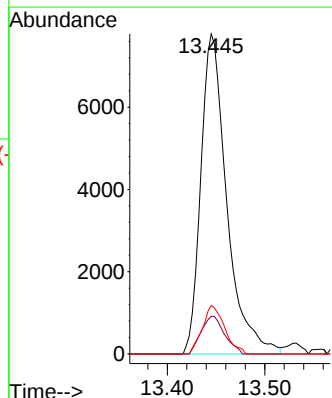
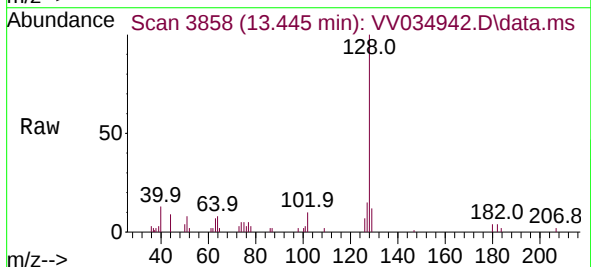
Tgt Ion:128 Resp: 14389

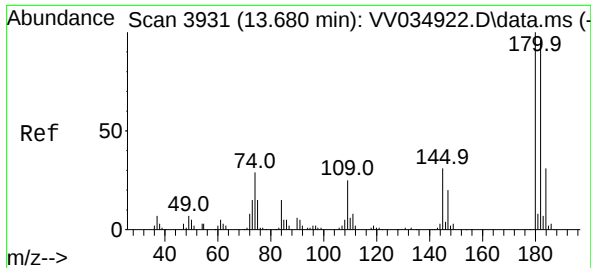
Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

127 13.0 10.7 16.1





#72

1,2,3-Trichlorobenzene

Concen: 3.636 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

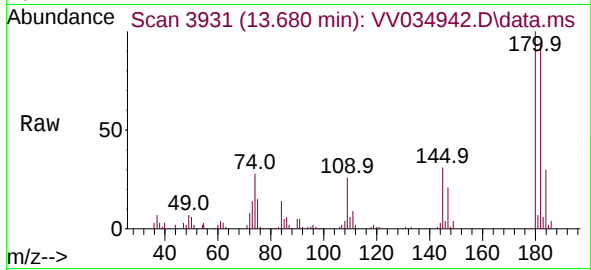
Lab File: VV034942.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 49693

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

145 31.9 25.4 38.2

