

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029957.D
 Acq On : 20 Aug 2024 14:09
 Operator : SY/MD
 Sample : VIBLK508
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK508

Quant Time: Aug 21 00:46:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
 Response via : Initial Calibration

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

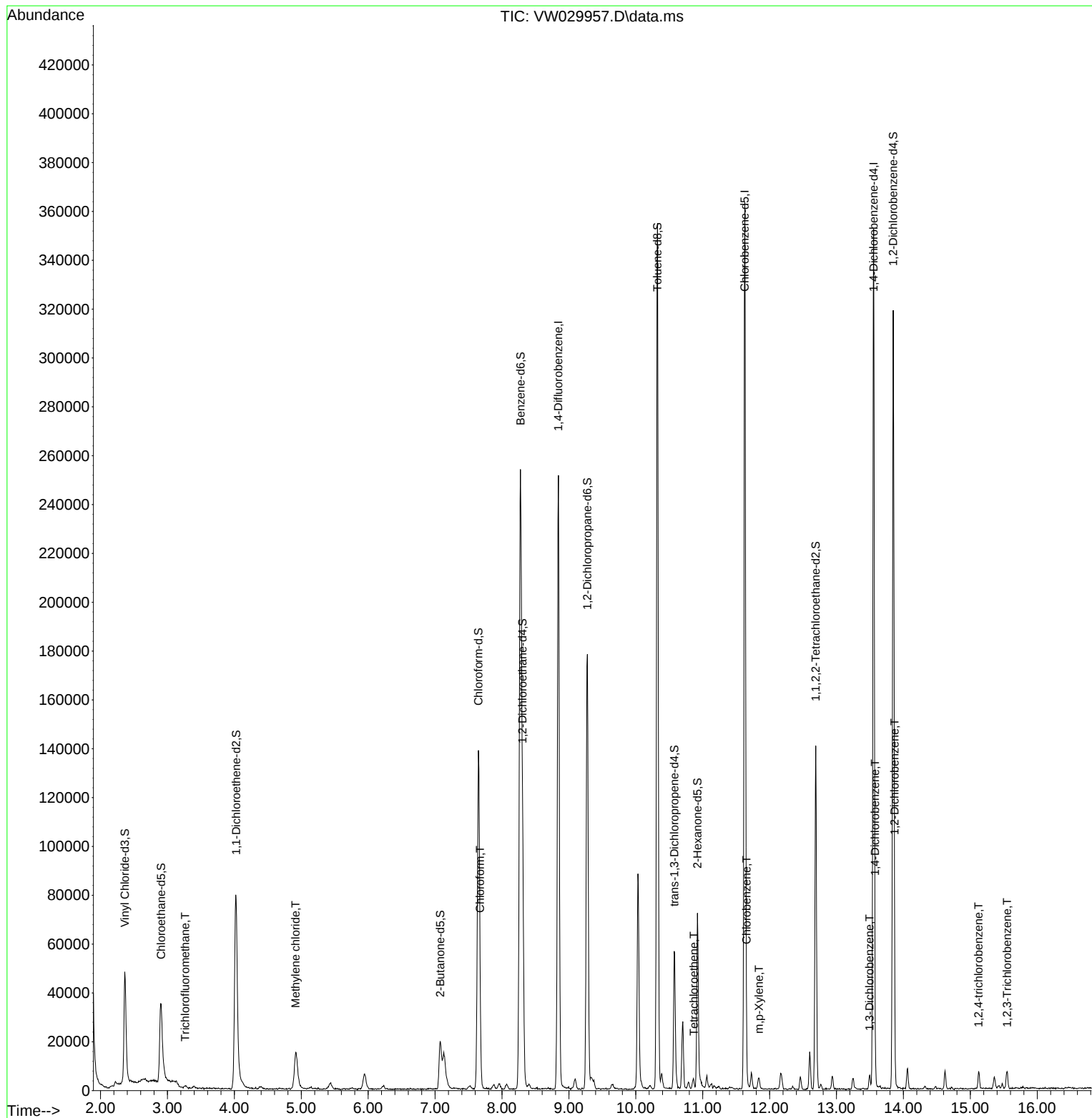
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	195306	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	190718	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	85390	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	60544	21.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.905	69	52418	26.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.920%
11) 1,1-Dichloroethene-d2	4.027	65	27166	21.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.840%
21) 2-Butanone-d5	7.075	46	32345	42.562	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.120%
24) Chloroform-d	7.648	84	137288	27.155	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	8.307	65	79305	27.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.160%
32) Benzene-d6	8.276	84	251715	24.427	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.720%
36) 1,2-Dichloropropane-d6	9.276	67	80018	24.319	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.280%
41) Toluene-d8	10.325	98	227127	24.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.160%
43) trans-1,3-Dichloroprop...	10.575	79	30901	23.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.840%
47) 2-Hexanone-d5	10.922	63	22304	41.109	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66701	27.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	75226	28.372	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.480%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	3.265	101	803	0.275	ug/L #	63
16) Methylene chloride	4.917	84	12292	3.011	ug/L	86
25) Chloroform	7.673	83	2460	0.431	ug/L	98
46) Tetrachloroethene	10.867	164	888	0.357	ug/L	89
51) Chlorobenzene	11.654	112	2786	0.336	ug/L	97
53) m,p-Xylene	11.843	106	1509	0.273	ug/L #	39
64) 1,3-Dichlorobenzene	13.495	146	2059	0.365	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	2370	0.409	ug/L #	74
67) 1,2-Dichlorobenzene	13.867	146	2415	0.471	ug/L #	89
70) 1,2,4-trichlorobenzene	15.123	180	2114	0.651	ug/L	93
72) 1,2,3-Trichlorobenzene	15.549	180	2150	0.731	ug/L	98

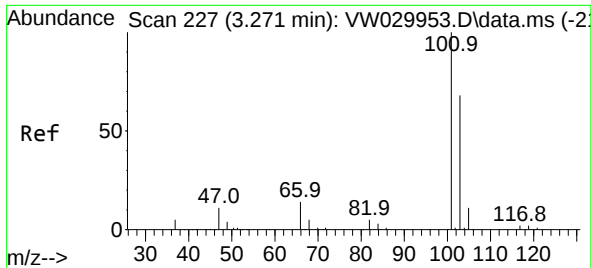
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Aug 21 00:44:34 2024
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.275 ug/L

RT: 3.265 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW029957.D

Acq: 20 Aug 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

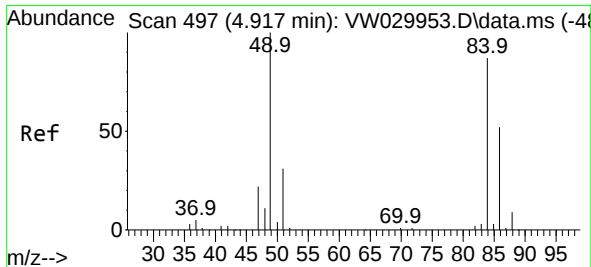
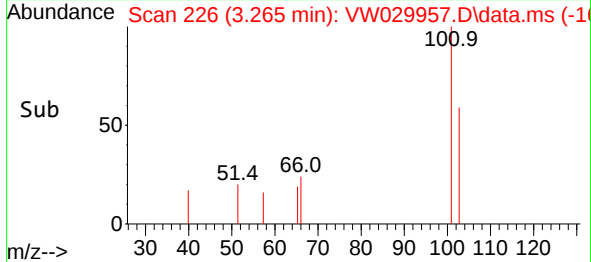
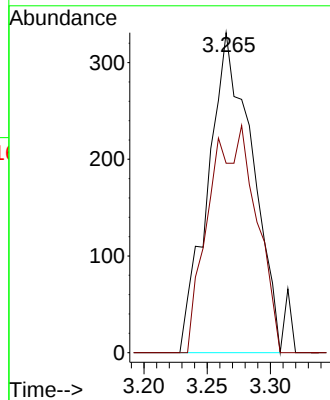
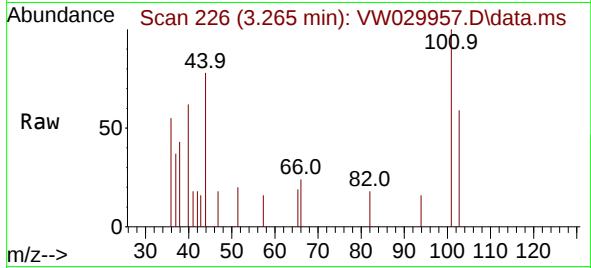
VIBLK508

Tgt Ion:101 Resp: 803

Ion Ratio Lower Upper

101 100

103 34.9 51.0 76.4#



#16

Methylene chloride

Concen: 3.011 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW029957.D

Acq: 20 Aug 2024 14:09

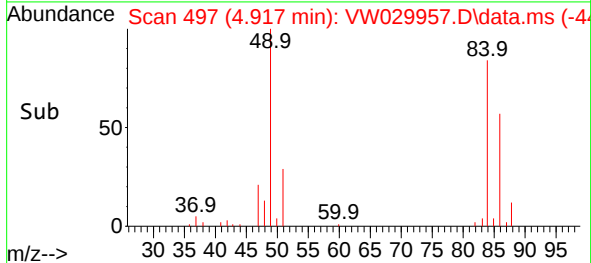
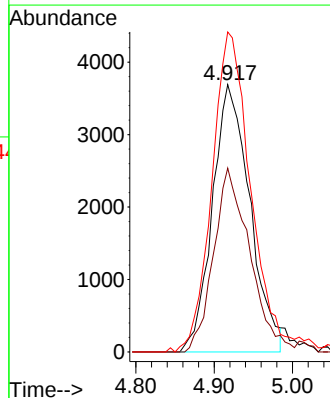
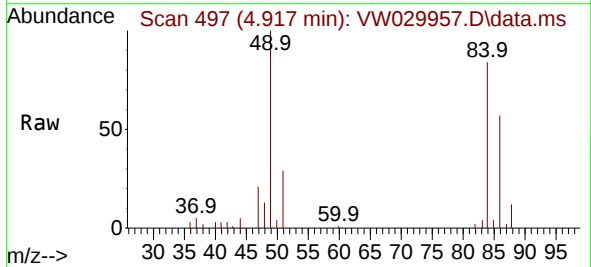
Tgt Ion: 84 Resp: 12292

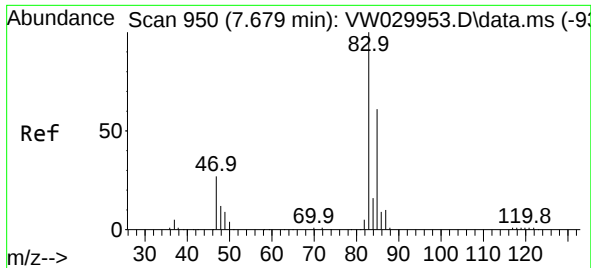
Ion Ratio Lower Upper

84 100

86 68.8 44.7 82.9

49 119.7 99.0 184.0

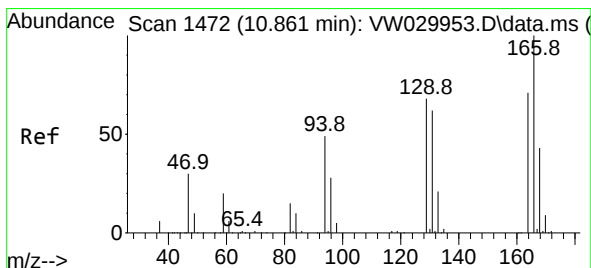
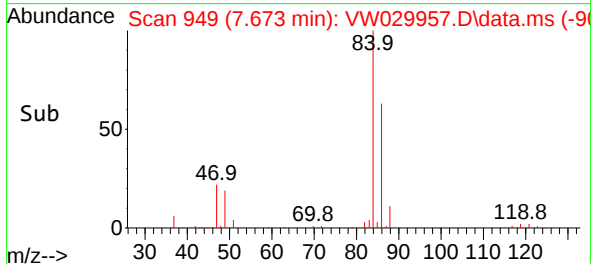
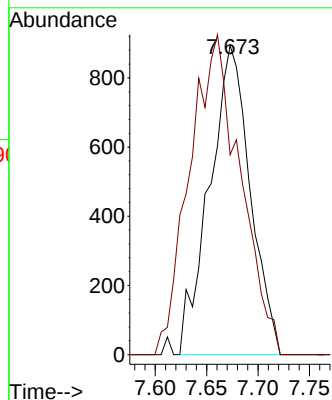
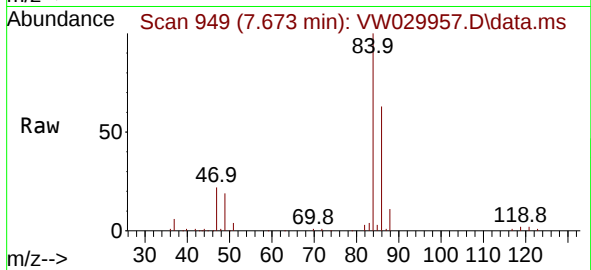




#25
Chloroform
Concen: 0.431 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029957.D
Acq: 20 Aug 2024 14:09

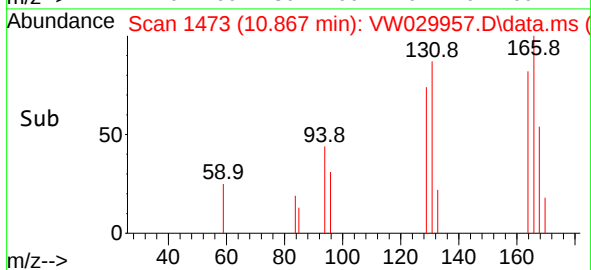
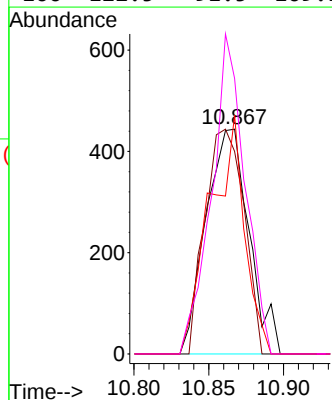
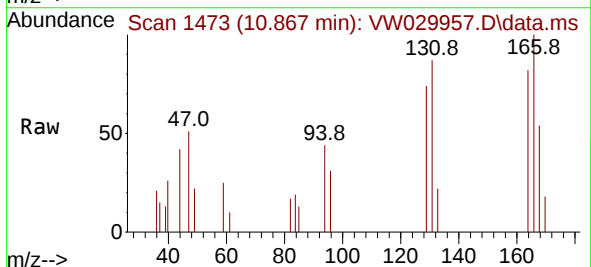
Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

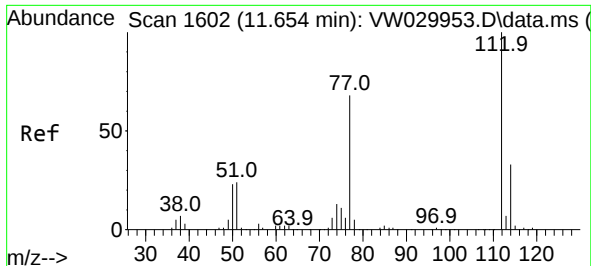
Tgt Ion: 83 Resp: 2460
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4



#46
Tetrachloroethene
Concen: 0.357 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW029957.D
Acq: 20 Aug 2024 14:09

Tgt Ion: 164 Resp: 888
Ion Ratio Lower Upper
164 100
129 90.1 77.8 144.6
131 106.3 70.9 131.7
166 122.5 91.5 169.9

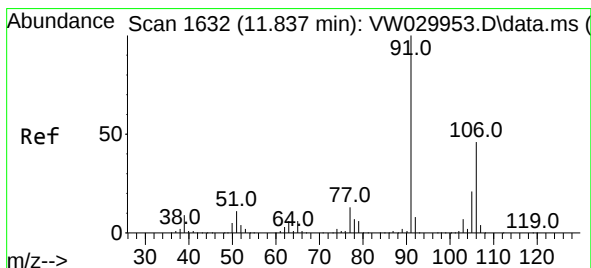
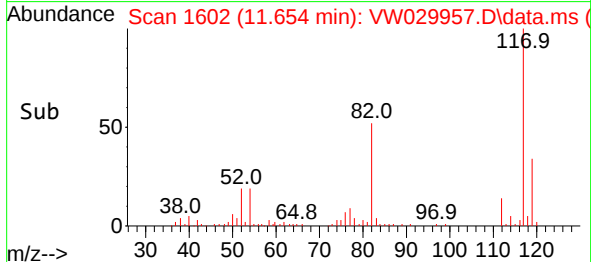
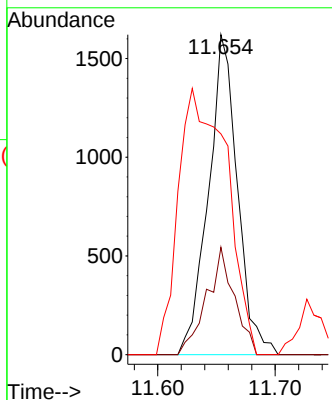
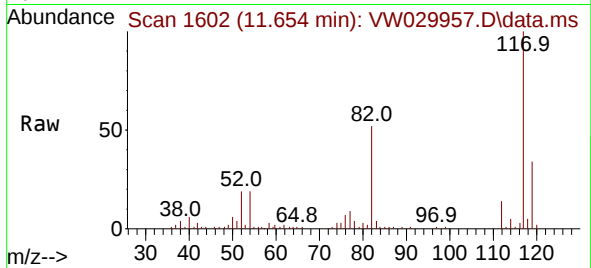




#51
Chlorobenzene
Concen: 0.336 ug/L
RT: 11.654 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VW029957.D
Acq: 20 Aug 2024 14:09

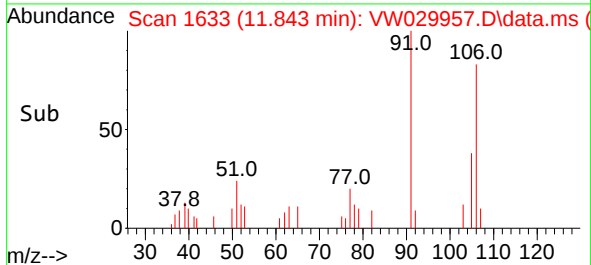
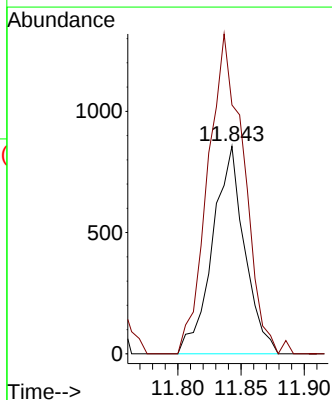
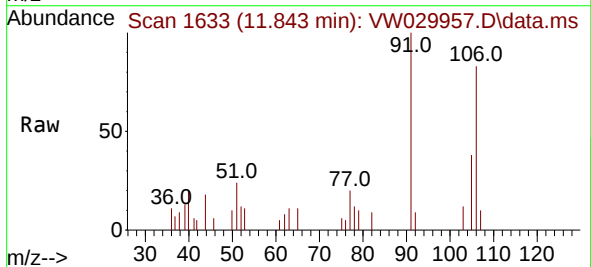
Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

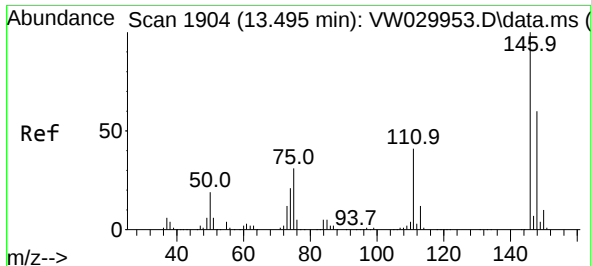
Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.6	22.0	40.8
77	69.0	53.8	80.8



#53
m,p-Xylene
Concen: 0.273 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW029957.D
Acq: 20 Aug 2024 14:09

Tgt Ion	Ratio	Lower	Upper
106	100		
91	119.9	151.4	281.2#

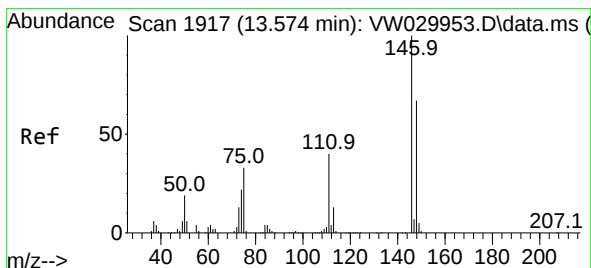
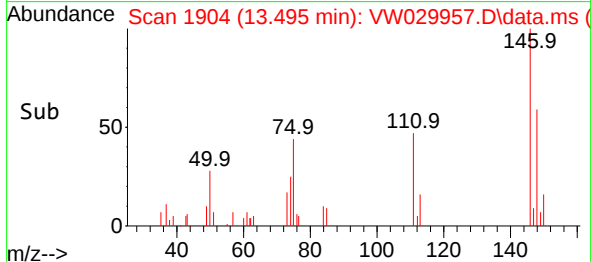
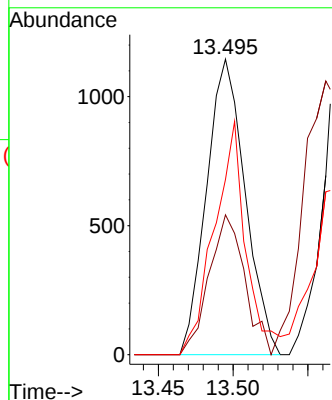
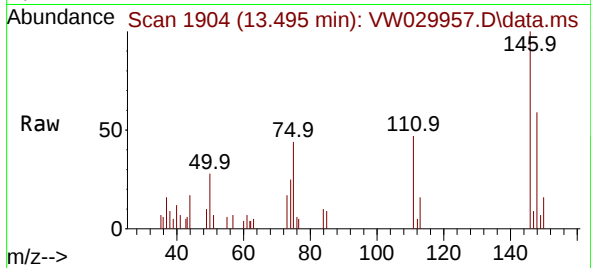




#64
1,3-Dichlorobenzene
Concen: 0.365 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029957.D
Acq: 20 Aug 2024 14:09

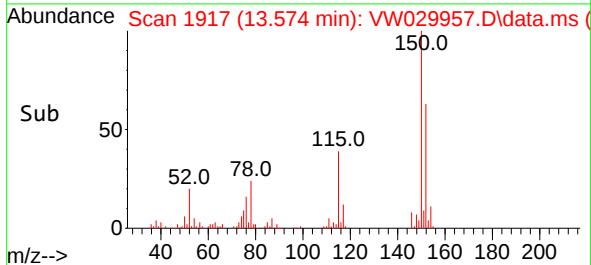
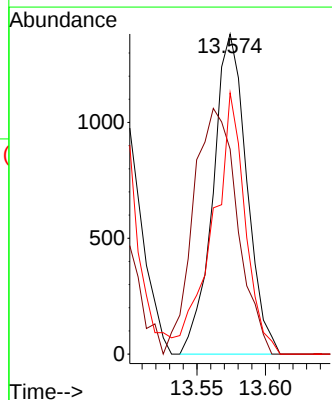
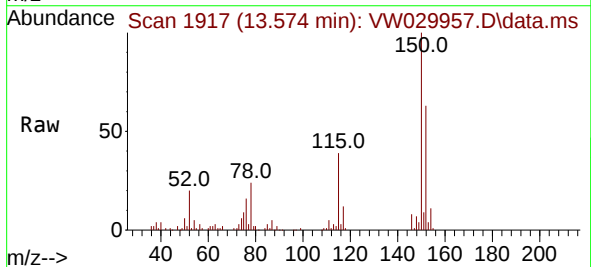
Instrument :
MSVOA_W
ClientSampleId :
VIBLK508

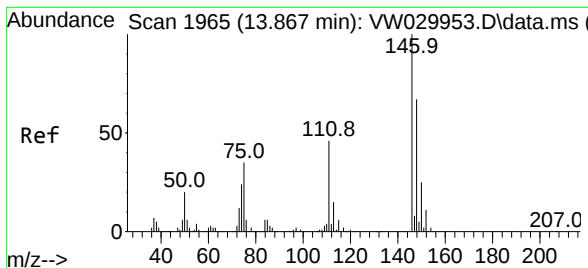
Tgt Ion:146 Resp: 2059
Ion Ratio Lower Upper
146 100
111 47.3 28.7 53.3
148 59.3 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 0.409 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029957.D
Acq: 20 Aug 2024 14:09

Tgt Ion:146 Resp: 2370
Ion Ratio Lower Upper
146 100
111 64.0 30.1 55.9#
148 81.6 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 0.471 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW029957.D

Acq: 20 Aug 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

VIBLK508

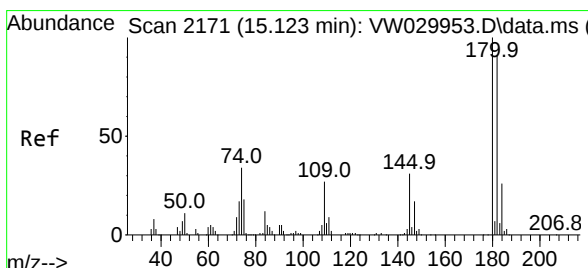
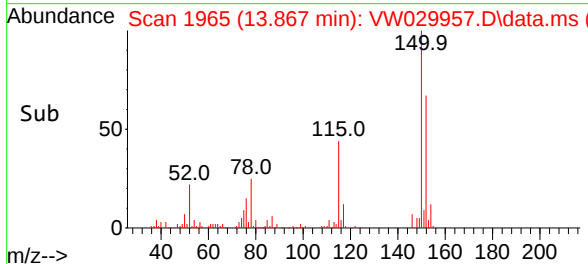
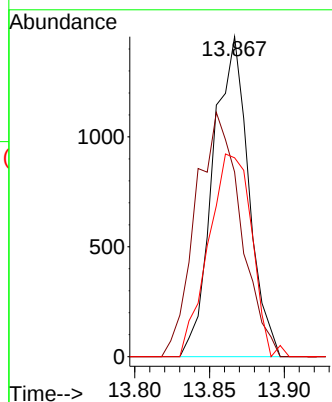
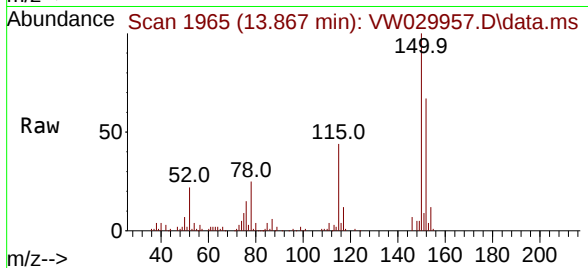
Tgt Ion:146 Resp: 2415

Ion Ratio Lower Upper

146 100

111 57.7 35.8 53.8#

148 62.2 52.6 78.8



#70

1,2,4-trichlorobenzene

Concen: 0.651 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029957.D

Acq: 20 Aug 2024 14:09

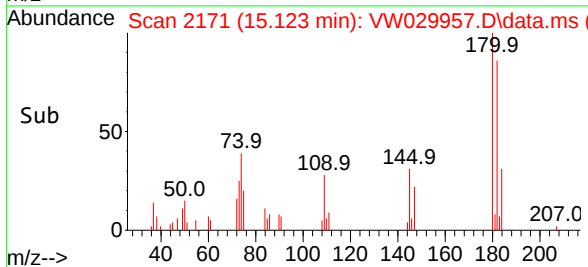
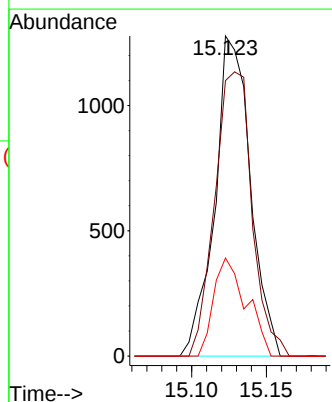
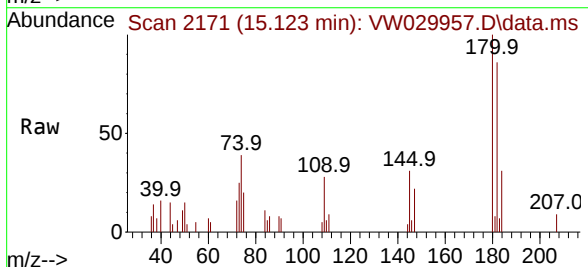
Tgt Ion:180 Resp: 2114

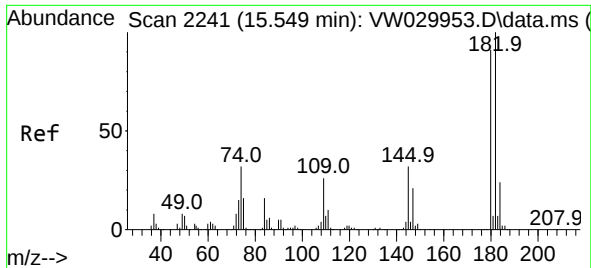
Ion Ratio Lower Upper

180 100

182 93.1 80.2 120.4

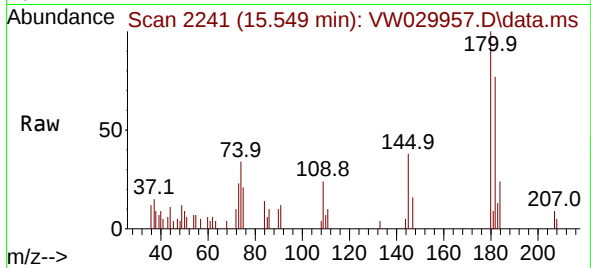
145 28.1 26.3 39.5





#72
1,2,3-Trichlorobenzene
Concen: 0.731 ug/L
RT: 15.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029957.D
Acq: 20 Aug 2024 14:09

Instrument :
MSVOA_W
ClientSampleId :
VIBLK508



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	74.0	111.0
145	37.9	27.5	41.3

