

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034137.D
 Acq On : 12 Feb 2024 14:09
 Operator : SY/MD
 Sample : P1455-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 13 00:47:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

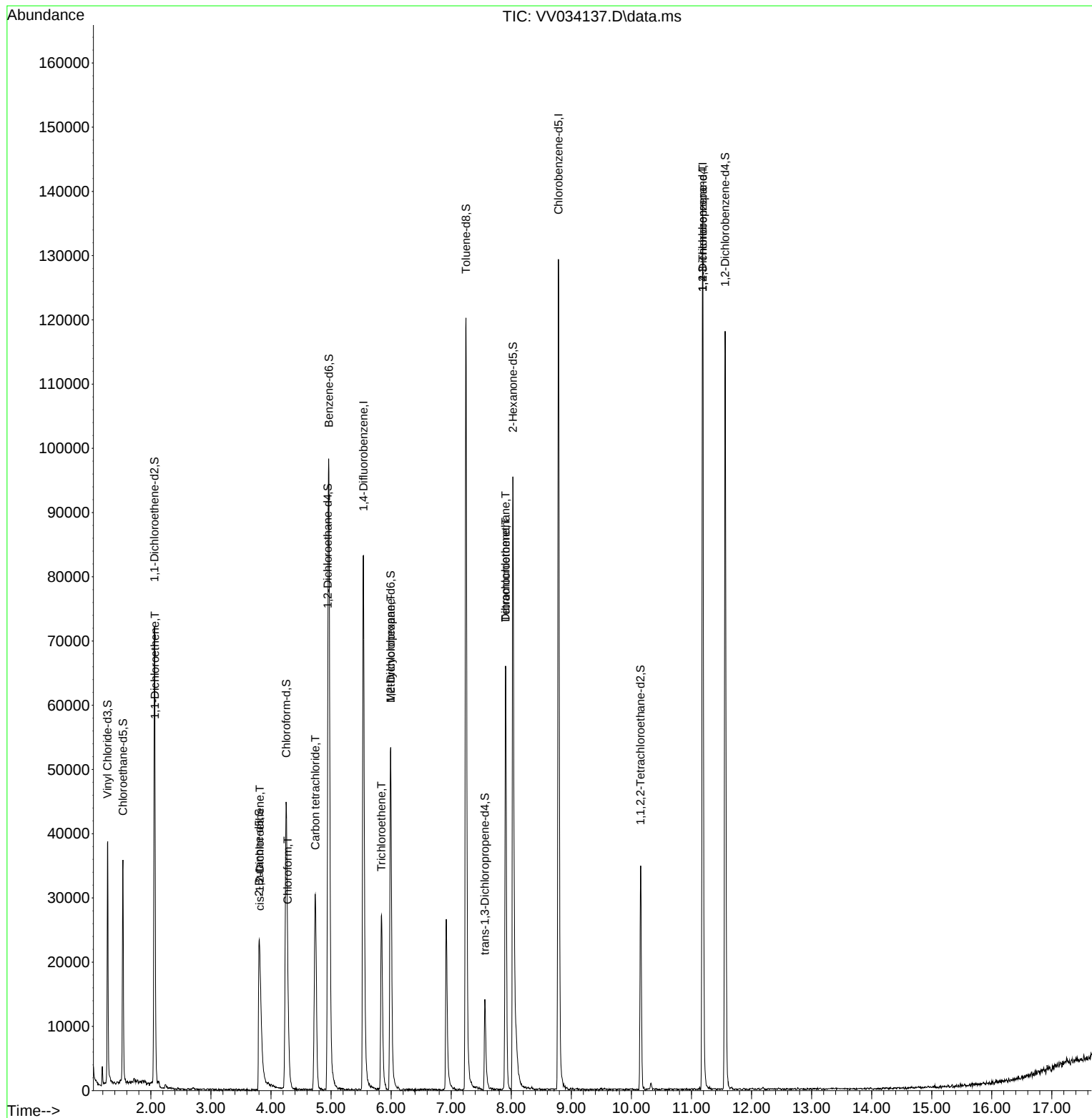
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	72830	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	36139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23947	4.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.536	69	20952	4.241	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.060	65	11563	4.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.802	46	40364	42.609	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.220%
24) Chloroform-d	4.252	84	45803	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	4.947	65	23619	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.963	84	86975	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.992	67	24998	4.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.246	98	82583	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.561	79	9513	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.027	63	33931	43.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.920%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16168	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	30012	4.566	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	1324	0.260	ug/L #	1
22) cis-1,2-Dichloroethene	3.815	96	1212	0.206	ug/L	90
25) Chloroform	4.278	83	7105	0.738	ug/L	100
31) Carbon tetrachloride	4.738	117	23272	2.869	ug/L	98
34) Trichloroethene	5.838	95	10230	1.707	ug/L	96
35) Methylcyclohexane	5.992	83	6661	0.708	ug/L #	18
47) Tetrachloroethene	7.905	164	14241	2.924	ug/L	96
49) Dibromochloromethane	7.905	129	12898	3.503	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	4153	1.672	ug/L #	62

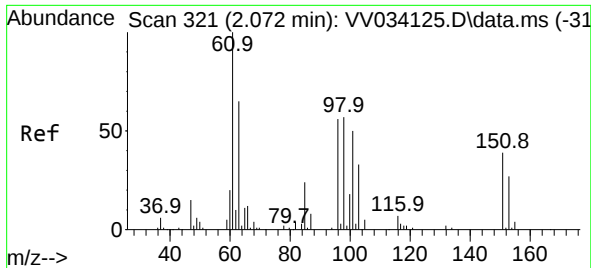
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 13 00:43:48 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.260 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034137.D

Acq: 12 Feb 2024 14:09

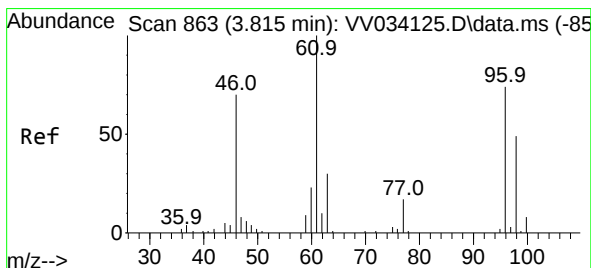
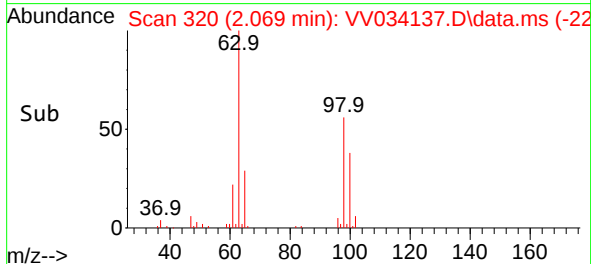
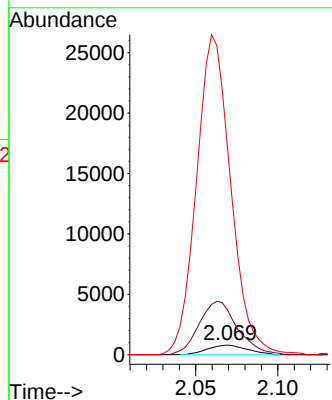
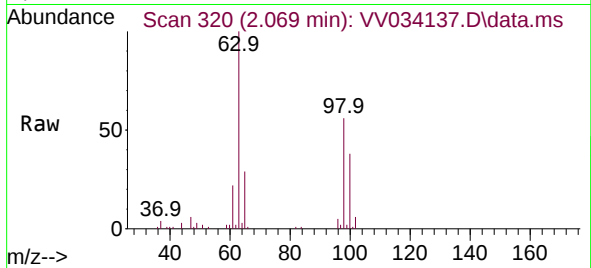
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1324

Ion	Ratio	Lower	Upper
96	100		
61	468.6	128.8	239.2#
63	2163.1	97.9	181.9#



#22

cis-1,2-Dichloroethene

Concen: 0.206 ug/L

RT: 3.815 min Scan# 863

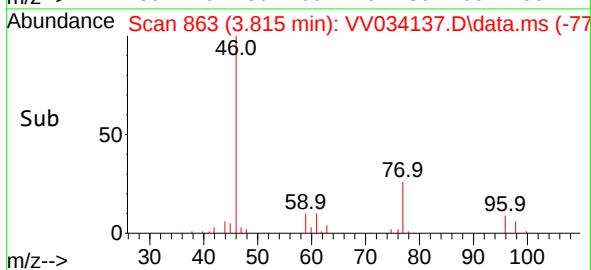
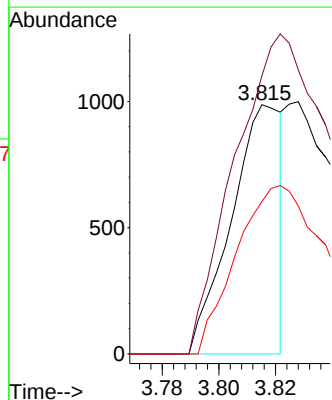
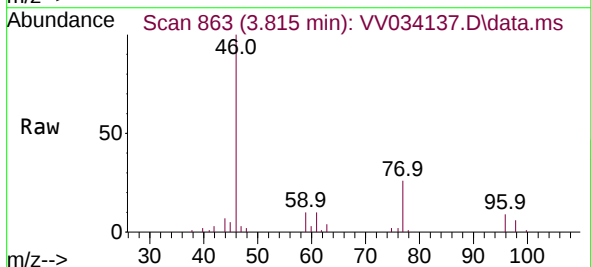
Delta R.T. 0.000 min

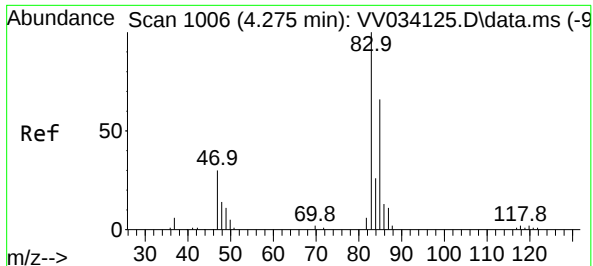
Lab File: VV034137.D

Acq: 12 Feb 2024 14:09

Tgt Ion: 96 Resp: 1212

Ion	Ratio	Lower	Upper
96	100		
61	111.7	90.3	167.7
98	61.2	43.2	80.2





#25

Chloroform

Concen: 0.738 ug/L

RT: 4.278 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV034137.D

Acq: 12 Feb 2024 14:09

Instrument :

MSVOA_V

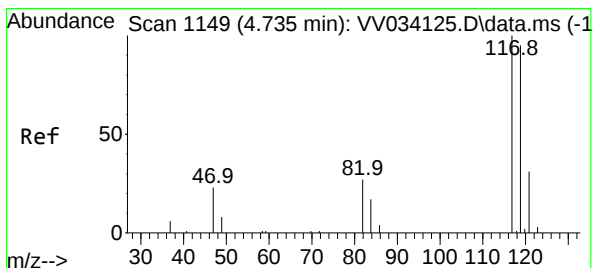
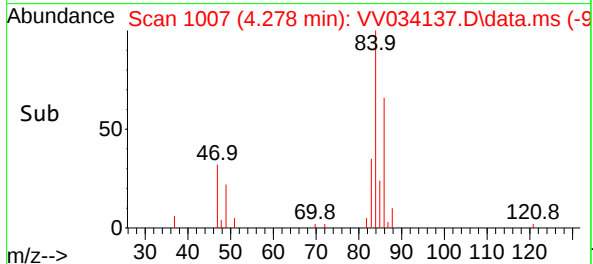
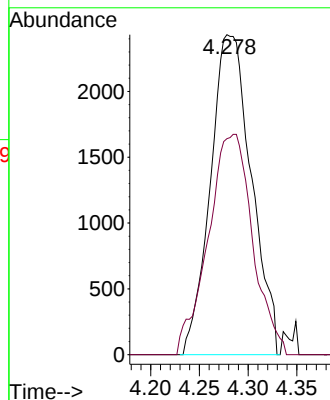
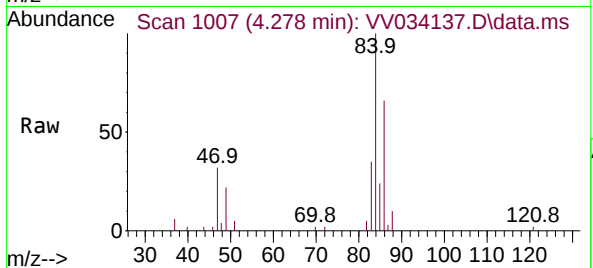
ClientSampleId :

Tgt Ion: 83 Resp: 7105

Ion Ratio Lower Upper

83 100

85 67.5 47.5 88.1



#31

Carbon tetrachloride

Concen: 2.869 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034137.D

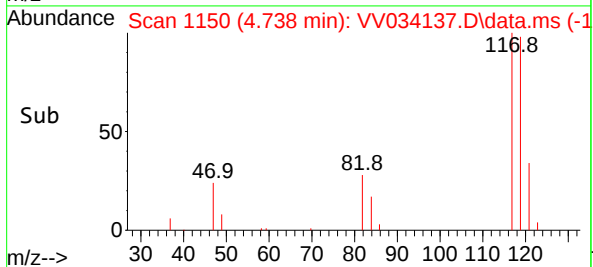
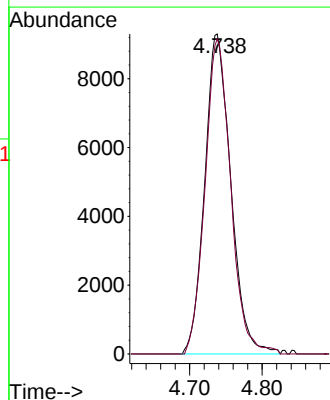
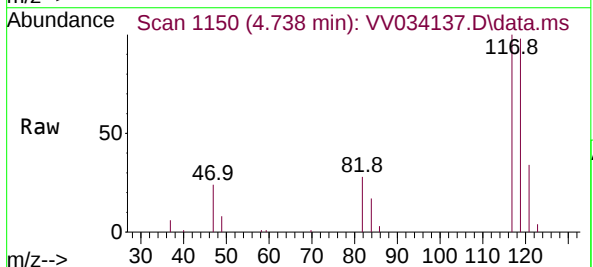
Acq: 12 Feb 2024 14:09

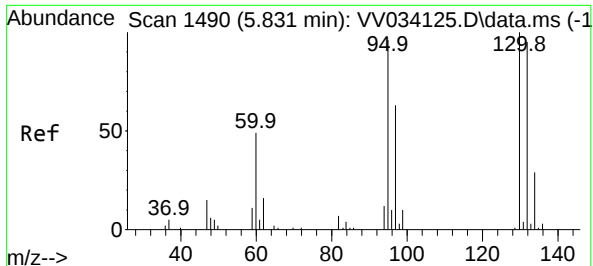
Tgt Ion: 117 Resp: 23272

Ion Ratio Lower Upper

117 100

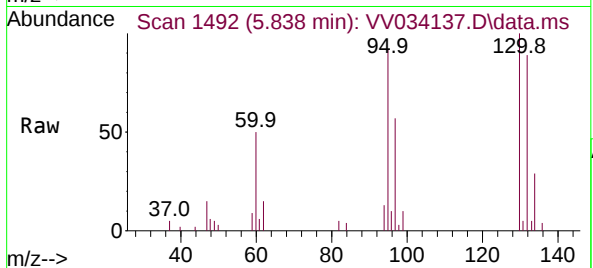
119 96.9 76.1 114.1



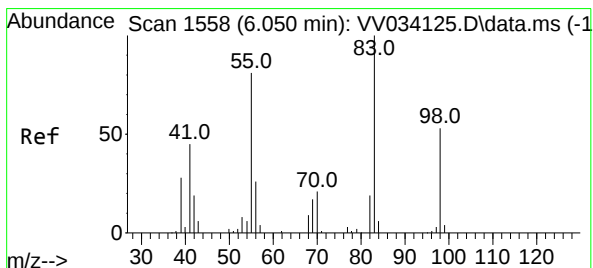
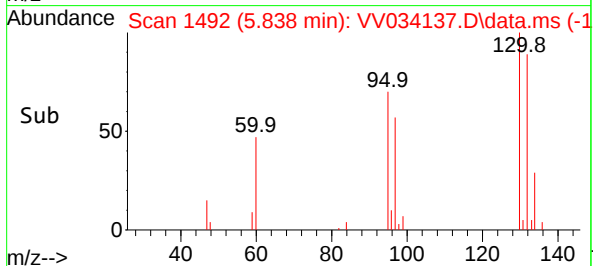
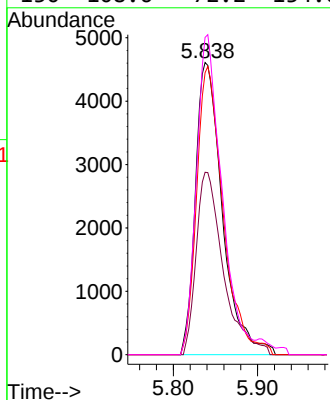


#34
Trichloroethene
Concen: 1.707 ug/L
RT: 5.838 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV034137.D
Acq: 12 Feb 2024 14:09

Instrument :
MSVOA_V
ClientSampleId :

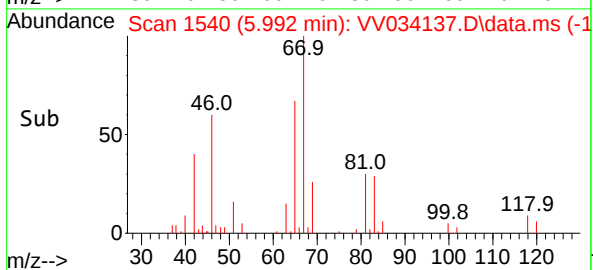
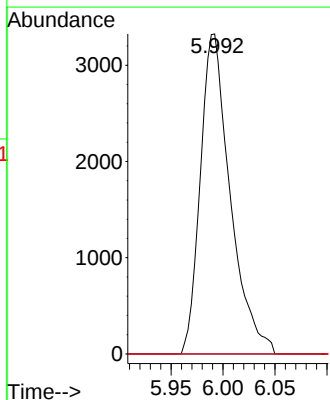
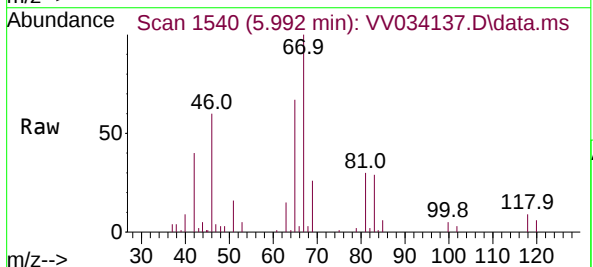


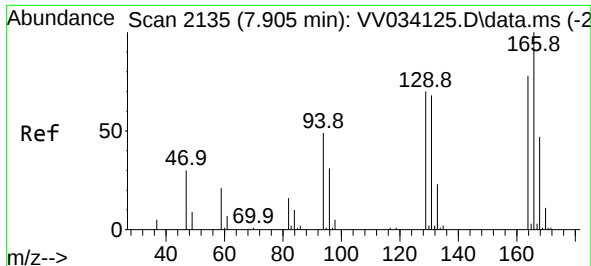
Tgt Ion:	95	Resp:	10230
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.1	83.7
132	96.5	66.0	122.6
130	108.6	72.2	134.0



#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034137.D
Acq: 12 Feb 2024 14:09

Tgt Ion:	83	Resp:	6661
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	1.5	39.0	58.4#





#47

Tetrachloroethene

Concen: 2.924 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

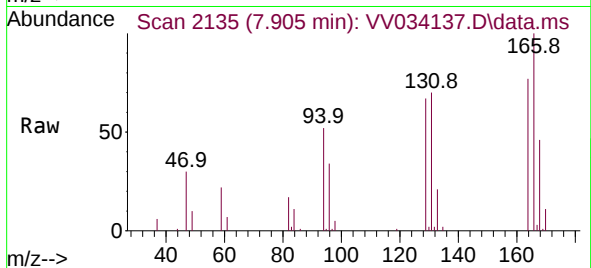
Lab File: VV034137.D

Acq: 12 Feb 2024 14:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 14241

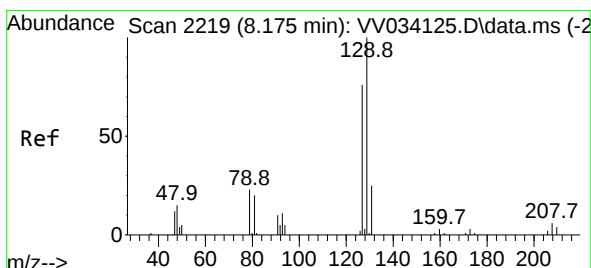
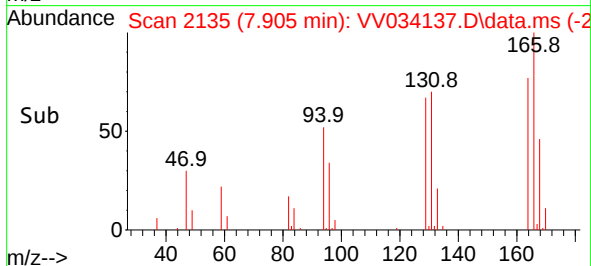
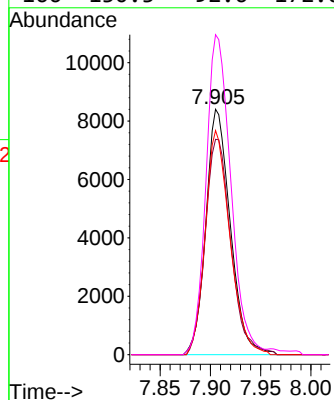
Ion Ratio Lower Upper

164 100

129 87.7 67.8 125.8

131 91.3 63.0 117.0

166 130.3 92.6 172.0



#49

Dibromochloromethane

Concen: 3.503 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034137.D

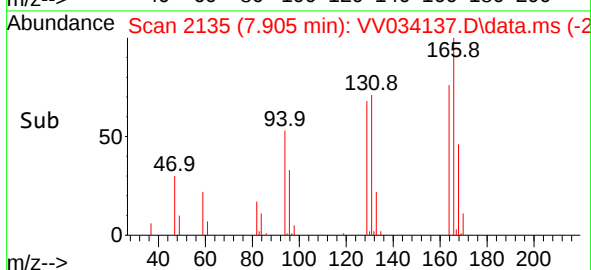
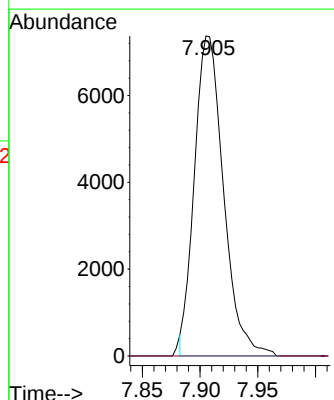
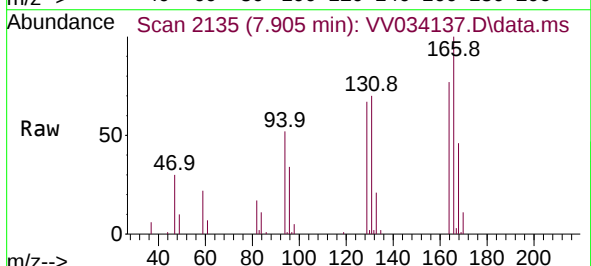
Acq: 12 Feb 2024 14:09

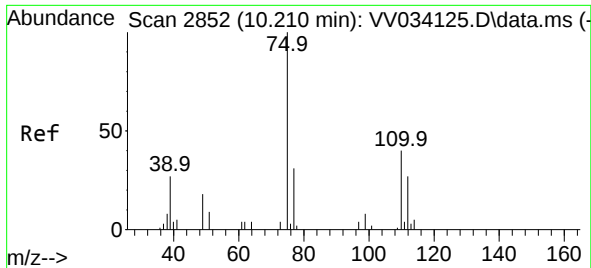
Tgt Ion:129 Resp: 12898

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.672 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.978 min

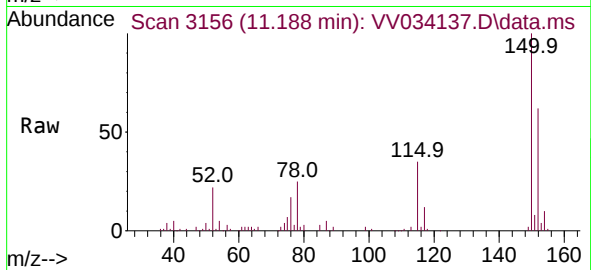
Lab File: VV034137.D

Acq: 12 Feb 2024 14:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4153

Ion Ratio Lower Upper

75 100

77 37.7 26.9 40.3

110 1.6 33.3 49.9#

