

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034159.D
 Acq On : 13 Feb 2024 17:56
 Operator : SY/MD
 Sample : P1402-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD1

Quant Time: Feb 14 01:45:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

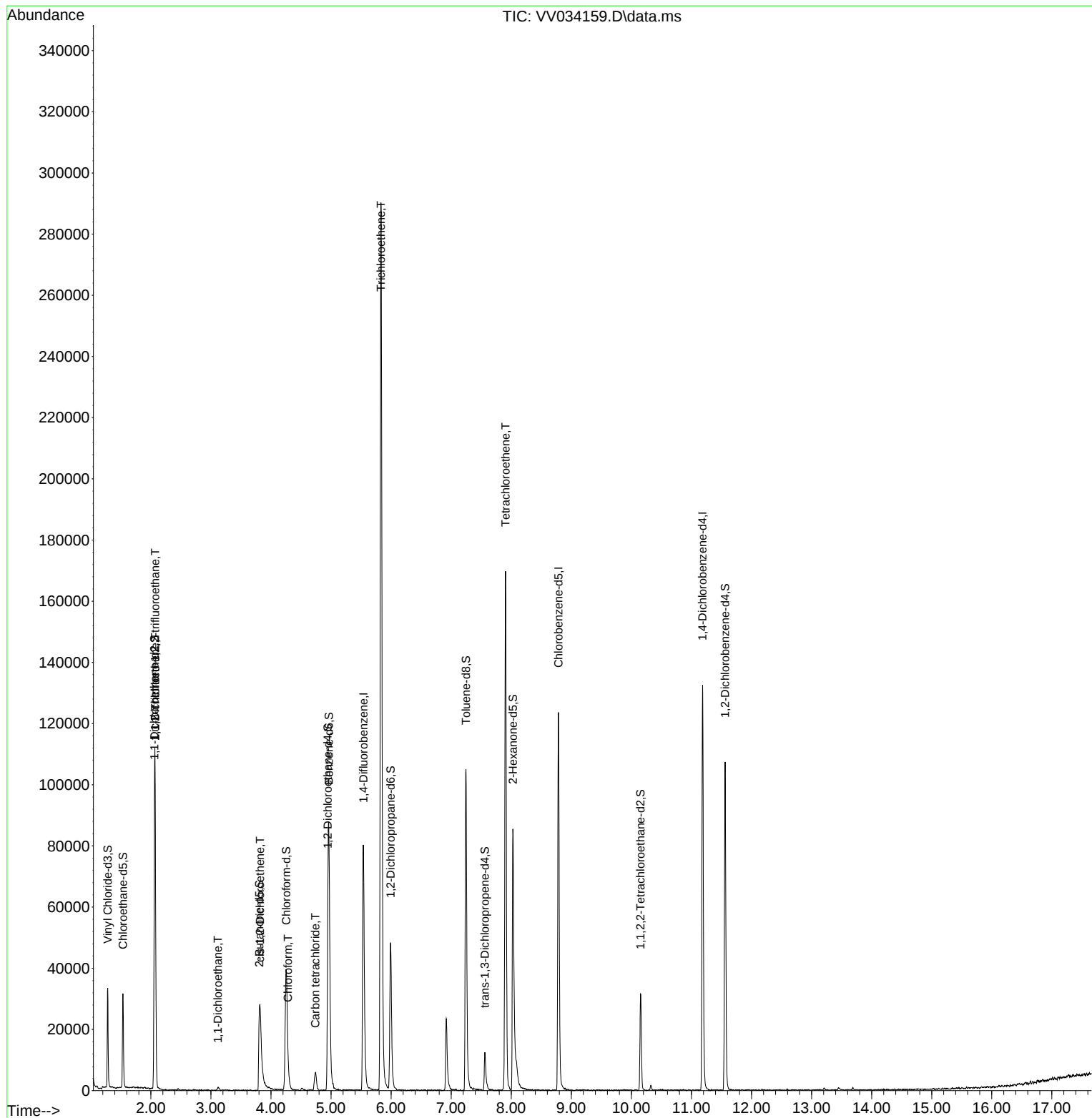
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	71066	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	66610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	34923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	20758	3.772	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.535	69	19069	3.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.060	65	10513	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	3.805	46	38188	41.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.620%
24) Chloroform-d	4.252	84	42098	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.947	65	22488	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.963	84	78501	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	5.992	67	22107	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.246	98	72576	3.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.561	79	8806	4.175	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.027	63	30732	40.812	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.620%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	14228	4.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	26747	4.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	6601	1.291	ug/L	96
12) 1,1-Dichloroethene	2.072	96	13915	2.803	ug/L	84
19) 1,1-Dichloroethane	3.117	63	1532	0.165	ug/L #	83
22) cis-1,2-Dichloroethene	3.818	96	6083	1.060	ug/L	97
25) Chloroform	4.281	83	3374	0.359	ug/L	90
31) Carbon tetrachloride	4.738	117	4832	0.618	ug/L	97
34) Trichloroethene	5.831	95	98793	17.086	ug/L	98
47) Tetrachloroethene	7.905	164	36561	7.782	ug/L	97

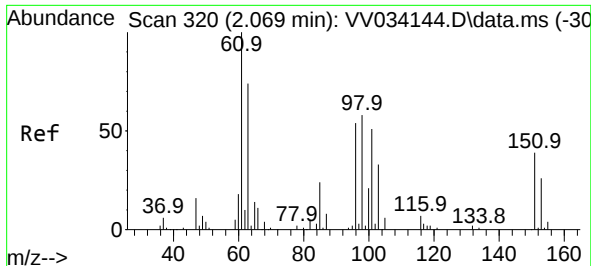
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 14 01:41:00 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.291 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV034159.D

Acq: 13 Feb 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

C0AD1

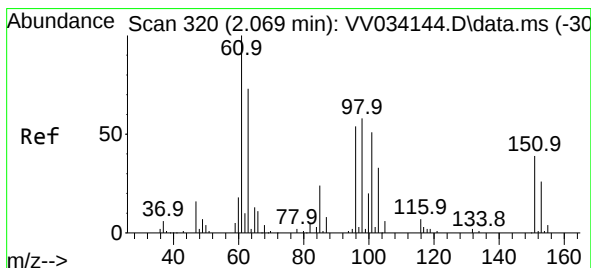
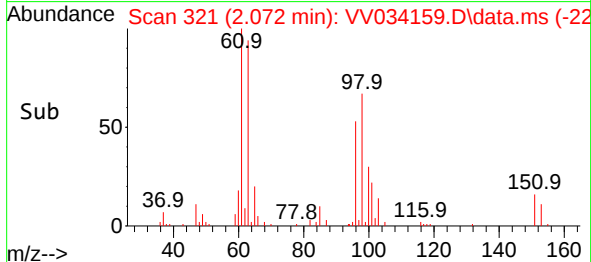
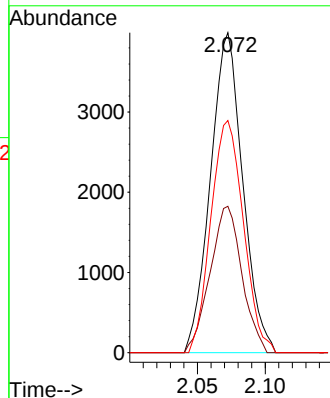
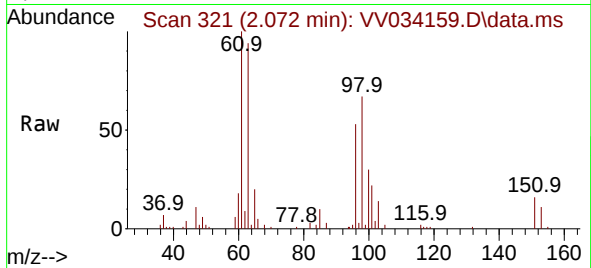
Tgt Ion:101 Resp: 6601

Ion Ratio Lower Upper

101 100

85 45.2 37.1 55.7

151 73.1 61.7 92.5



#12

1,1-Dichloroethene

Concen: 2.803 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV034159.D

Acq: 13 Feb 2024 17:56

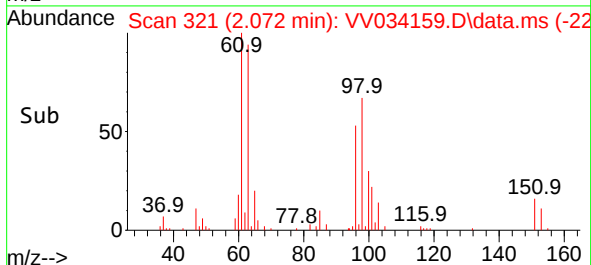
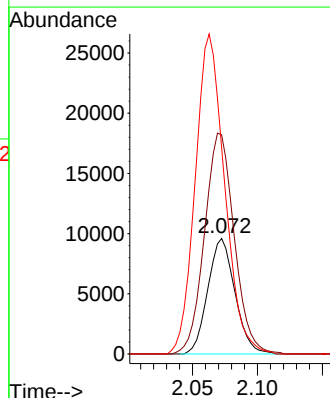
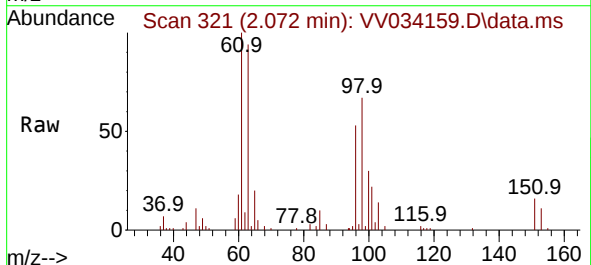
Tgt Ion: 96 Resp: 13915

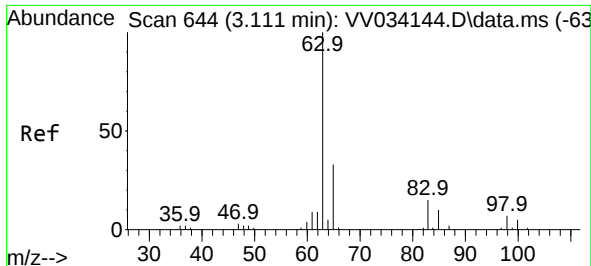
Ion Ratio Lower Upper

96 100

61 189.7 128.8 239.2

63 178.4 97.9 181.9





#19

1,1-Dichloroethane

Concen: 0.165 ug/L

RT: 3.117 min Scan# 644

Delta R.T. 0.006 min

Lab File: VV034159.D

Acq: 13 Feb 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

C0AD1

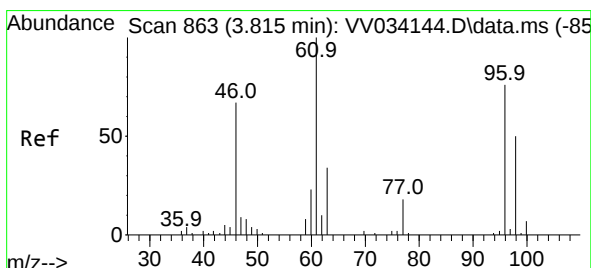
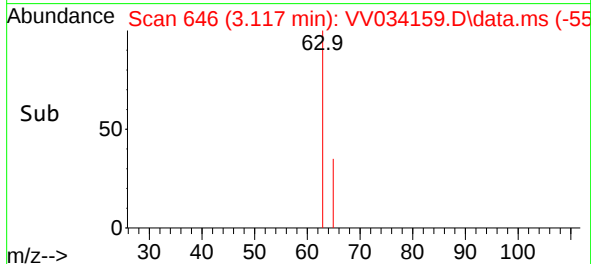
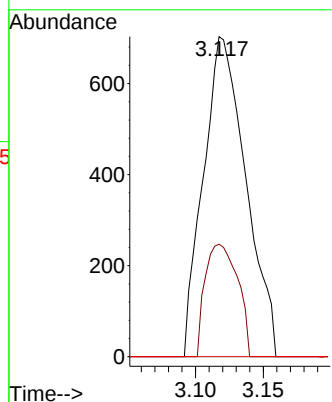
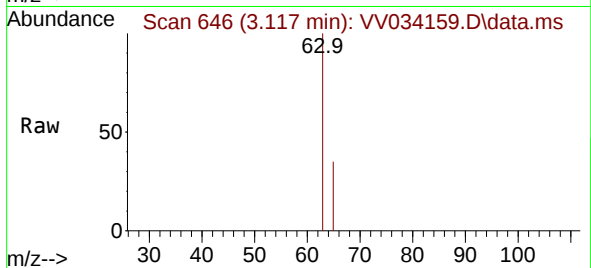
Tgt Ion: 63 Resp: 1532

Ion Ratio Lower Upper

63 100

65 35.1 20.8 38.6

83 0.0 9.4 17.4#



#22

cis-1,2-Dichloroethene

Concen: 1.060 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV034159.D

Acq: 13 Feb 2024 17:56

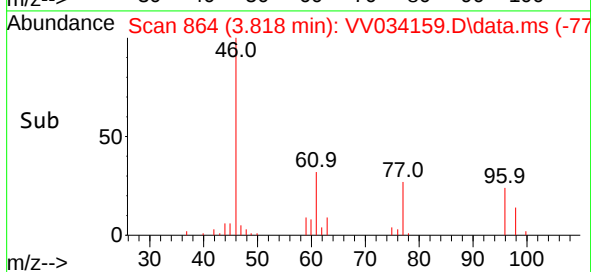
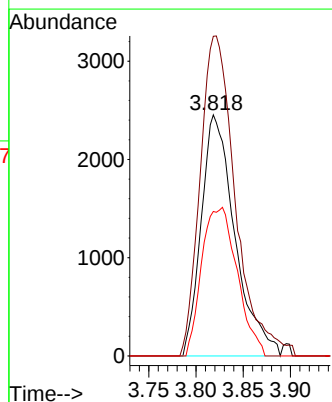
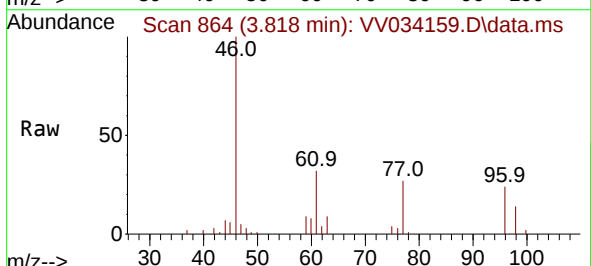
Tgt Ion: 96 Resp: 6083

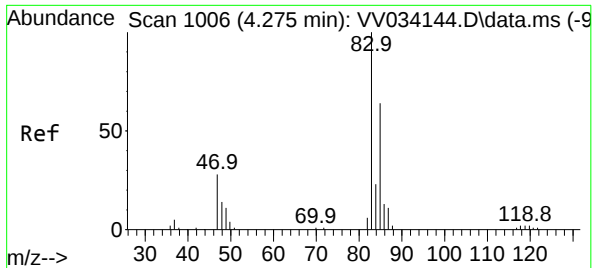
Ion Ratio Lower Upper

96 100

61 132.6 90.3 167.7

98 59.9 43.2 80.2





#25

Chloroform

Concen: 0.359 ug/L

RT: 4.281 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VV034159.D

Acq: 13 Feb 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

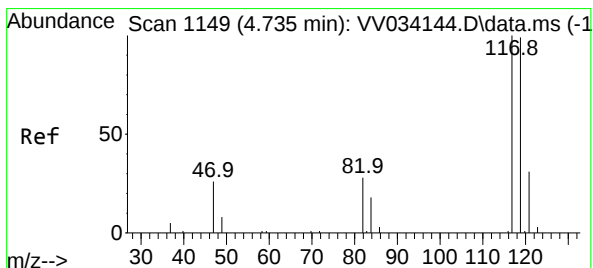
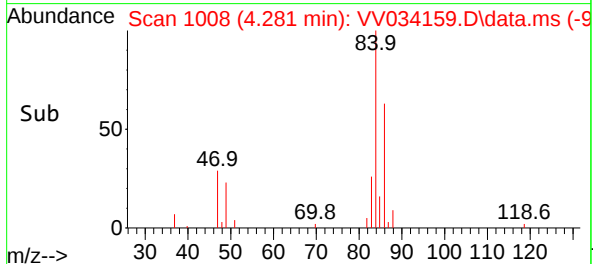
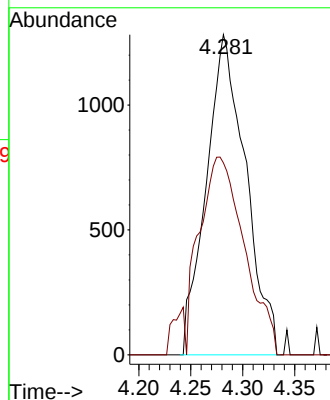
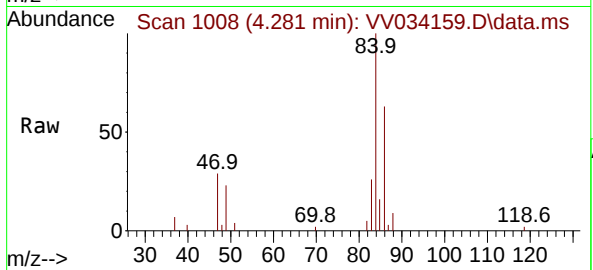
C0AD1

Tgt Ion: 83 Resp: 3374

Ion Ratio Lower Upper

83 100

85 60.0 47.5 88.1



#31

Carbon tetrachloride

Concen: 0.618 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV034159.D

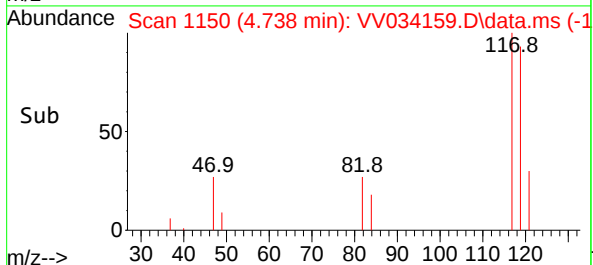
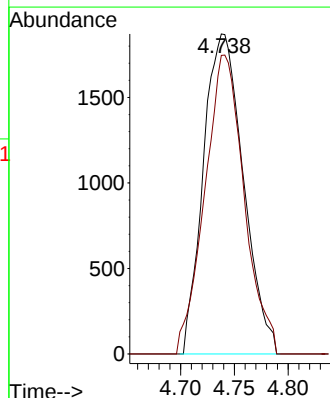
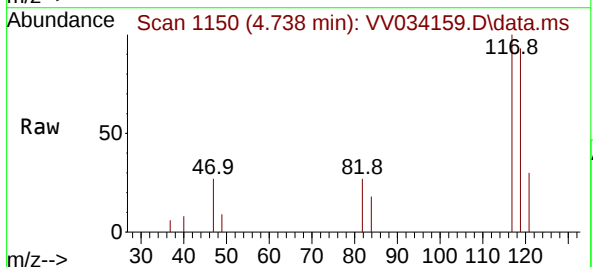
Acq: 13 Feb 2024 17:56

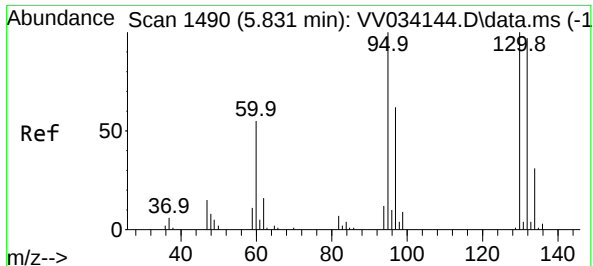
Tgt Ion: 117 Resp: 4832

Ion Ratio Lower Upper

117 100

119 92.0 76.1 114.1





#34

Trichloroethene

Concen: 17.086 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034159.D

Acq: 13 Feb 2024 17:56

Instrument :

MSVOA_V

ClientSampleId :

C0AD1

Tgt Ion: 95 Resp: 98793

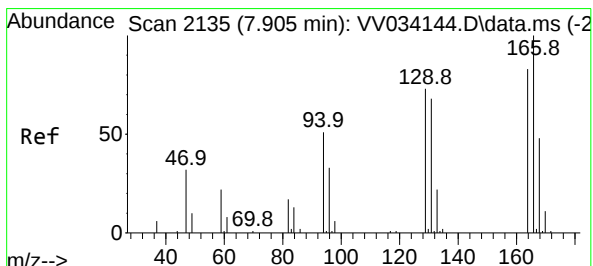
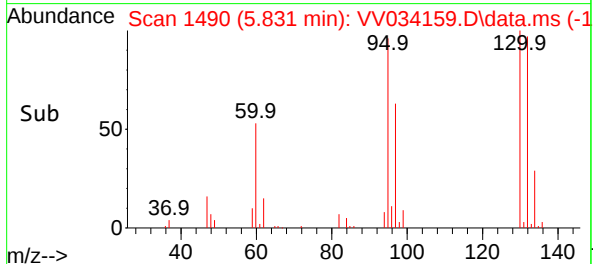
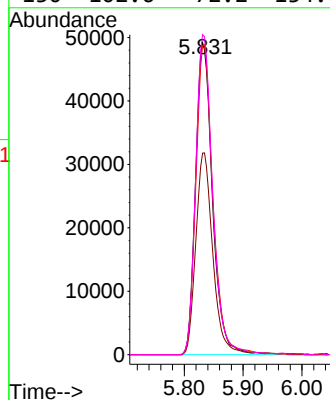
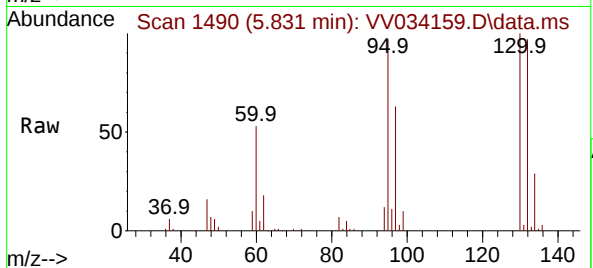
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.7

132 99.1 66.0 122.6

130 102.6 72.2 134.0



#47

Tetrachloroethene

Concen: 7.782 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV034159.D

Acq: 13 Feb 2024 17:56

Tgt Ion: 164 Resp: 36561

Ion Ratio Lower Upper

164 100

129 94.7 67.8 125.8

131 88.8 63.0 117.0

166 126.6 92.6 172.0

