

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031224\
 Data File : VW028155.D
 Acq On : 12 Mar 2024 14:09
 Operator : SY/MD
 Sample : P1715-19RE
 Misc : 5.10g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 13 01:10:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 13 01:09:10 2024
 Response via : Initial Calibration

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

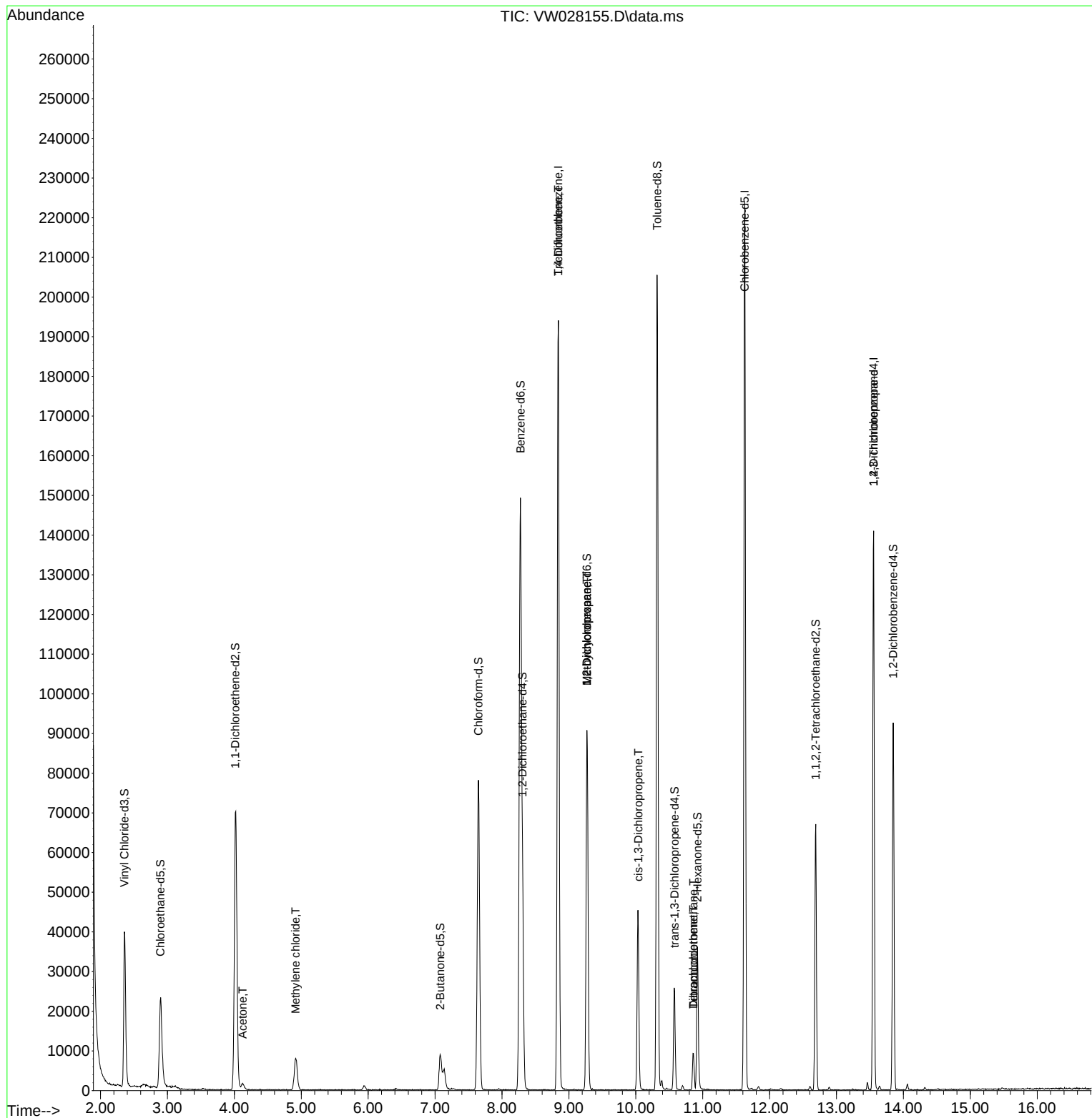
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	179251	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	135097	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	37209	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	50569	23.633	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
7) Chloroethane-d5	2.893	69	36925	22.277	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.120%
11) 1,1-Dichloroethene-d2	4.015	65	21952	25.116	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.480%
21) 2-Butanone-d5	7.075	46	14770	48.389	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.780%
24) Chloroform-d	7.648	84	83222	21.920	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	8.307	65	41518	23.497	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	8.276	84	165964	26.316	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.280%
36) 1,2-Dichloropropane-d6	9.270	67	43372	26.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.480%
41) Toluene-d8	10.319	98	144149	24.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	10.581	79	15250	21.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.440%
47) 2-Hexanone-d5	10.922	63	12599	54.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	32527	25.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	25730	23.251	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.000%
Target Compounds	Qvalue					
13) Acetone	4.125	43	2943	6.898	ug/L	92
16) Methylene chloride	4.917	84	7052	2.860	ug/L	98
34) Trichloroethene	8.843	95	4937	2.309	ug/L #	4
35) Methylcyclohexane	9.270	83	11519	3.328	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	4880	2.871	ug/L #	84
39) cis-1,3-Dichloropropene	10.038	75	1188	0.425	ug/L #	56
46) Tetrachloroethene	10.861	164	2165	1.208	ug/L	96
49) Dibromochloromethane	10.861	129	2050	1.237	ug/L #	9
61) 1,2,3-Trichloropropane	13.556	75	4324	7.560	ug/L #	61

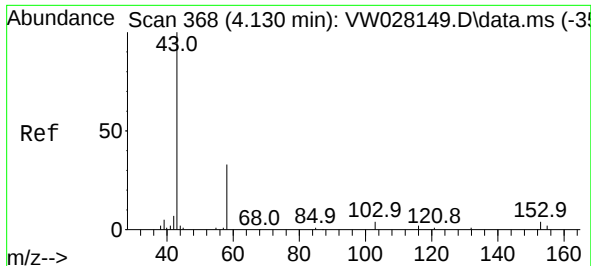
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Mar 13 01:09:10 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.898 ug/L

RT: 4.125 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028155.D

Acq: 12 Mar 2024 14:09

Instrument :

MSVOA_W

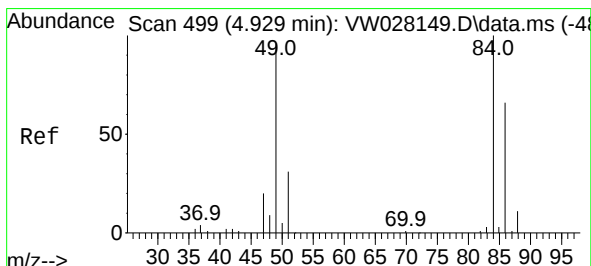
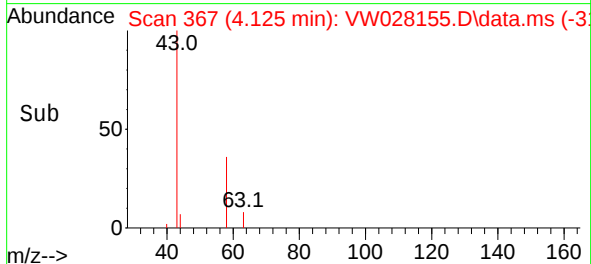
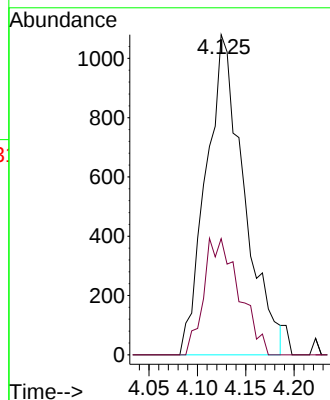
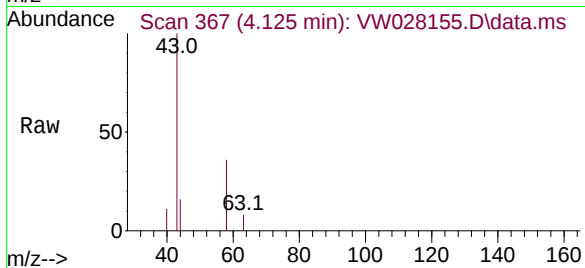
ClientSampleId :

Tgt Ion: 43 Resp: 2943

Ion Ratio Lower Upper

43 100

58 30.4 0.0 70.0



#16

Methylene chloride

Concen: 2.860 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.012 min

Lab File: VW028155.D

Acq: 12 Mar 2024 14:09

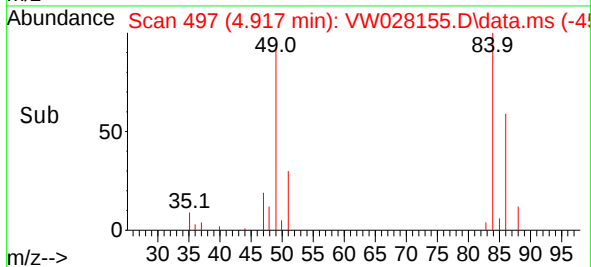
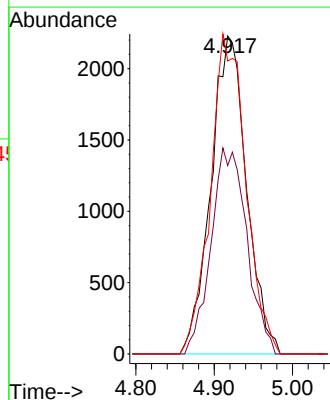
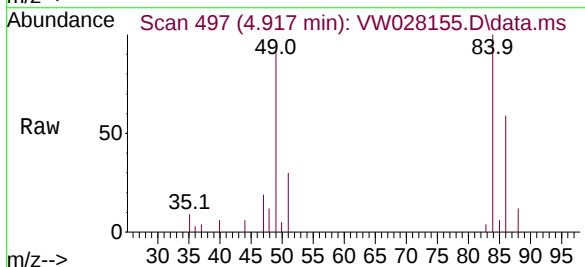
Tgt Ion: 84 Resp: 7052

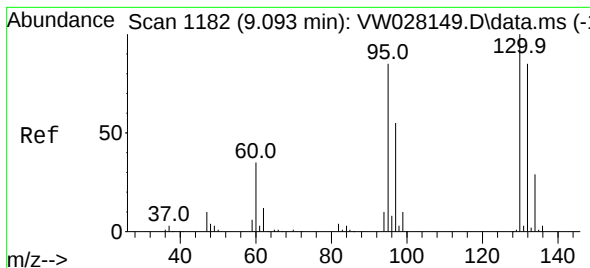
Ion Ratio Lower Upper

84 100

86 59.3 41.2 76.6

49 92.1 66.5 123.5





#34

Trichloroethene

Concen: 2.309 ug/L

RT: 8.843 min Scan# 1182

Delta R.T. -0.250 min

Lab File: VW028155.D

Acq: 12 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 4937

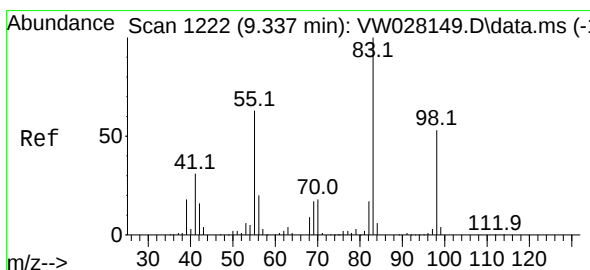
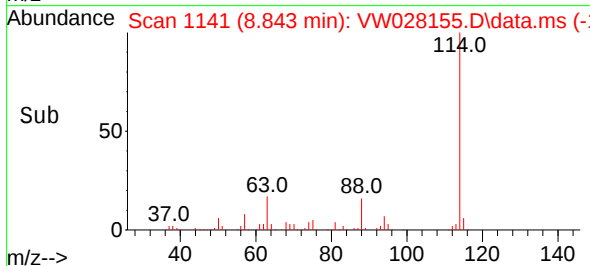
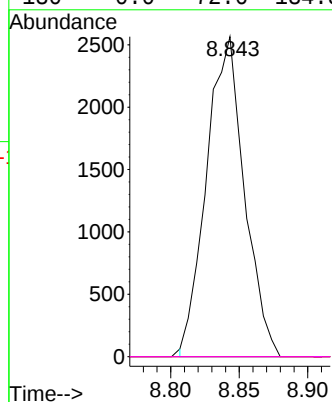
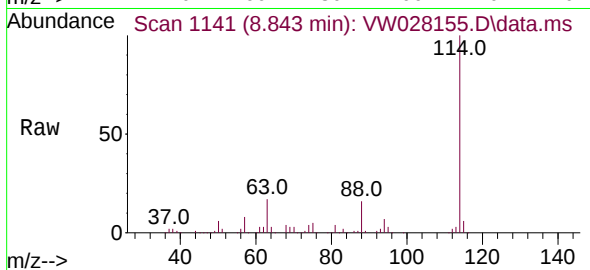
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.0 68.3 126.9#

130 0.0 72.6 134.8#



#35

Methylcyclohexane

Concen: 3.328 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

Lab File: VW028155.D

Acq: 12 Mar 2024 14:09

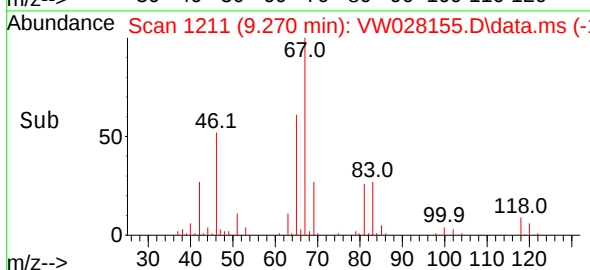
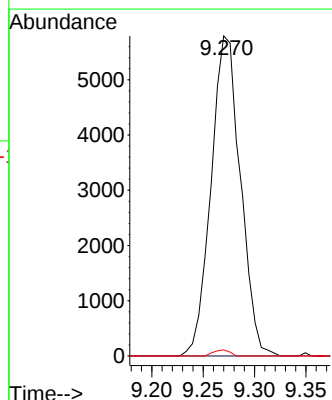
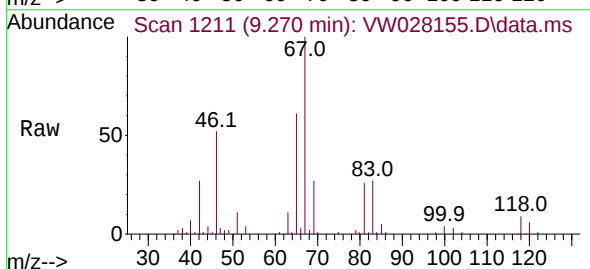
Tgt Ion: 83 Resp: 11519

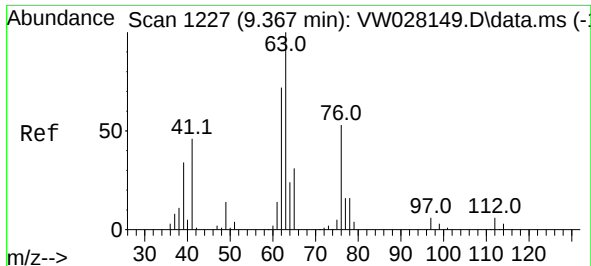
Ion Ratio Lower Upper

83 100

55 0.0 52.1 78.1#

98 1.0 42.2 63.4#





#37

1,2-Dichloropropane

Concen: 2.871 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW028155.D

Acq: 12 Mar 2024 14:09

Instrument :

MSVOA_W

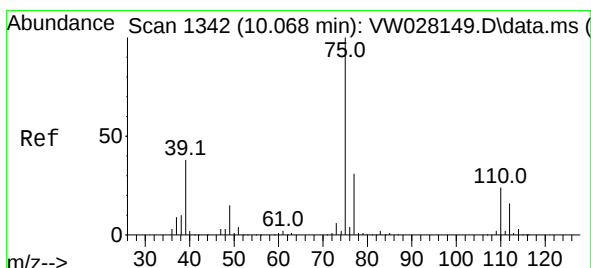
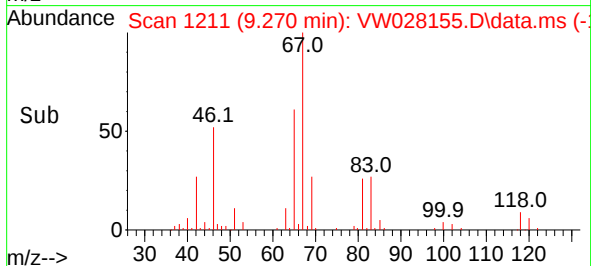
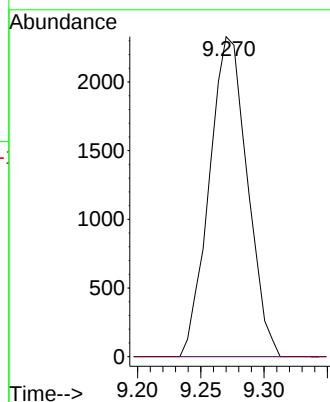
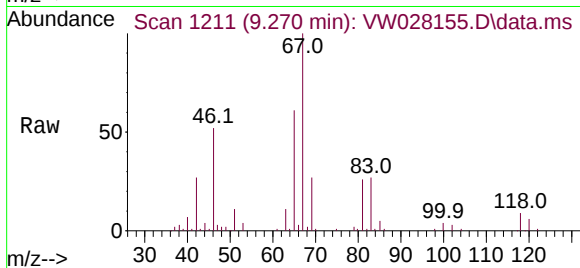
ClientSampleId :

Tgt Ion: 63 Resp: 4880

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.425 ug/L

RT: 10.038 min Scan# 1337

Delta R.T. -0.030 min

Lab File: VW028155.D

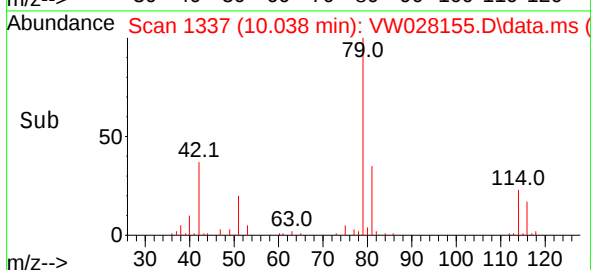
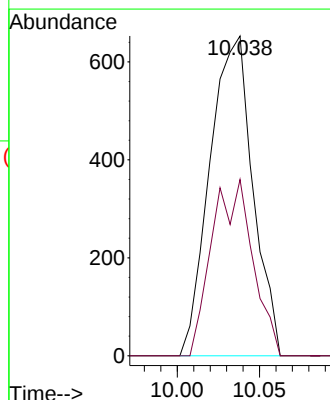
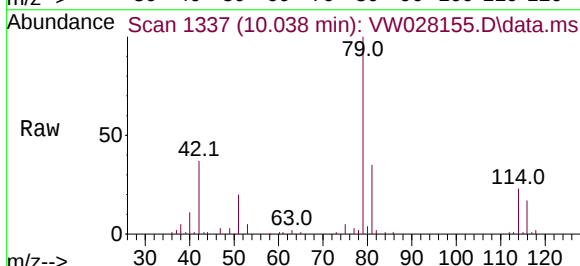
Acq: 12 Mar 2024 14:09

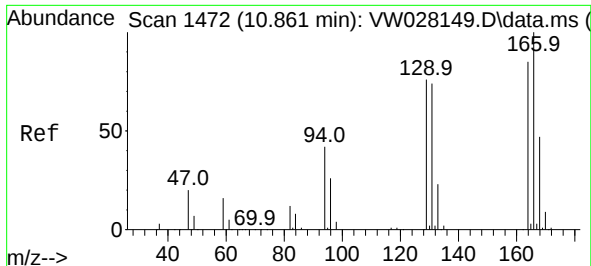
Tgt Ion: 75 Resp: 1188

Ion Ratio Lower Upper

75 100

77 55.1 21.7 40.3#





#46

Tetrachloroethene

Concen: 1.208 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

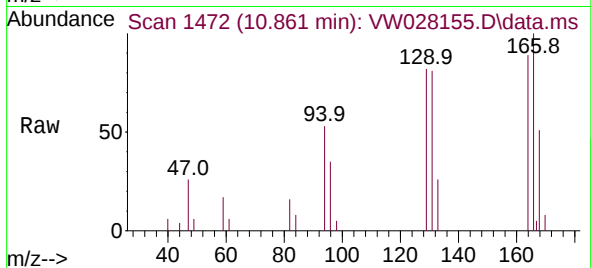
Lab File: VW028155.D

Acq: 12 Mar 2024 14:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 2165

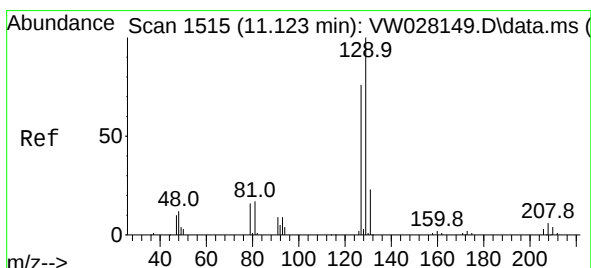
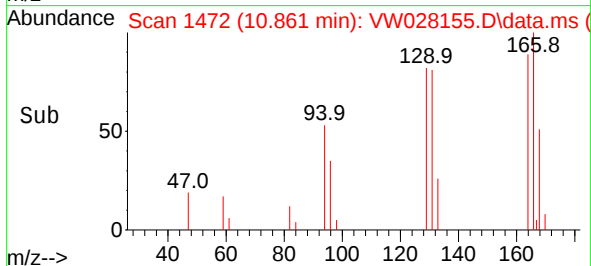
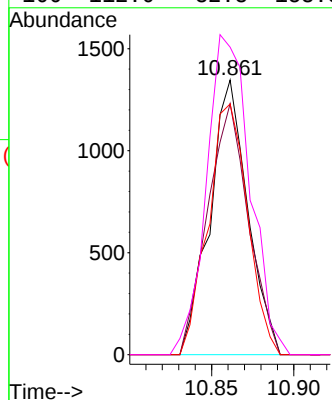
Ion Ratio Lower Upper

164 100

129 91.4 65.2 121.0

131 91.2 66.2 123.0

166 112.0 82.8 153.8



#49

Dibromochloromethane

Concen: 1.237 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.262 min

Lab File: VW028155.D

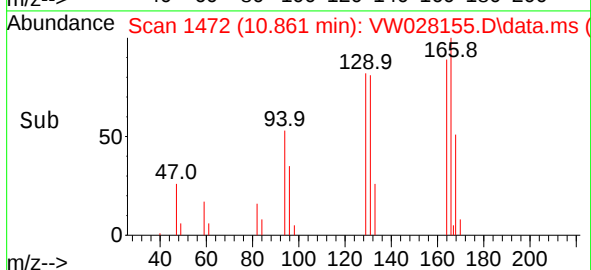
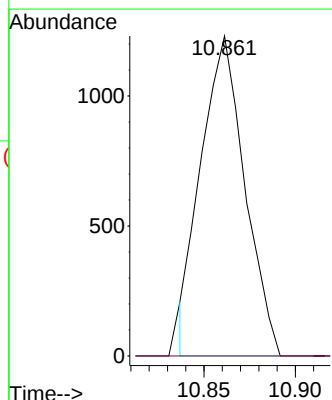
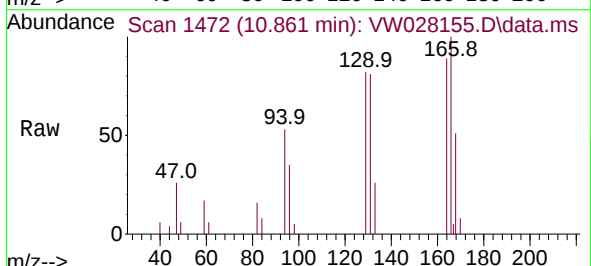
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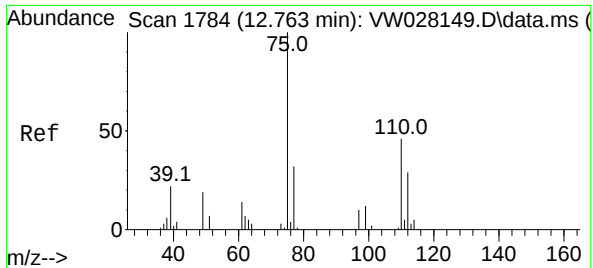
Tgt Ion:129 Resp: 2050

Ion Ratio Lower Upper

129 100

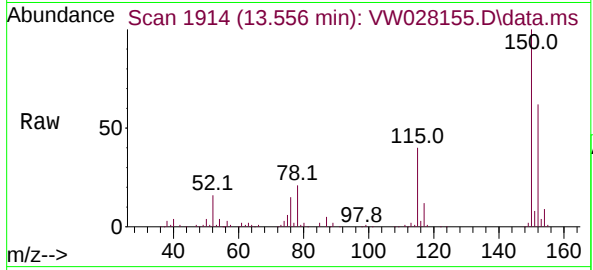
127 0.0 57.1 106.1#





#61
 1,2,3-Trichloropropane
 Concen: 7.560 ug/L
 RT: 13.556 min Scan# 11
 Delta R.T. 0.793 min
 Lab File: VW028155.D
 Acq: 12 Mar 2024 14:09

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75	Resp:	4324
Ion	Ratio	Lower Upper
75	100	
77	33.4	25.9 38.9
110	0.0	34.1 51.1#

