

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057049.D
 Acq On : 19 Dec 2023 17:10
 Operator : MD/SY
 Sample : 05843-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 04:58:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

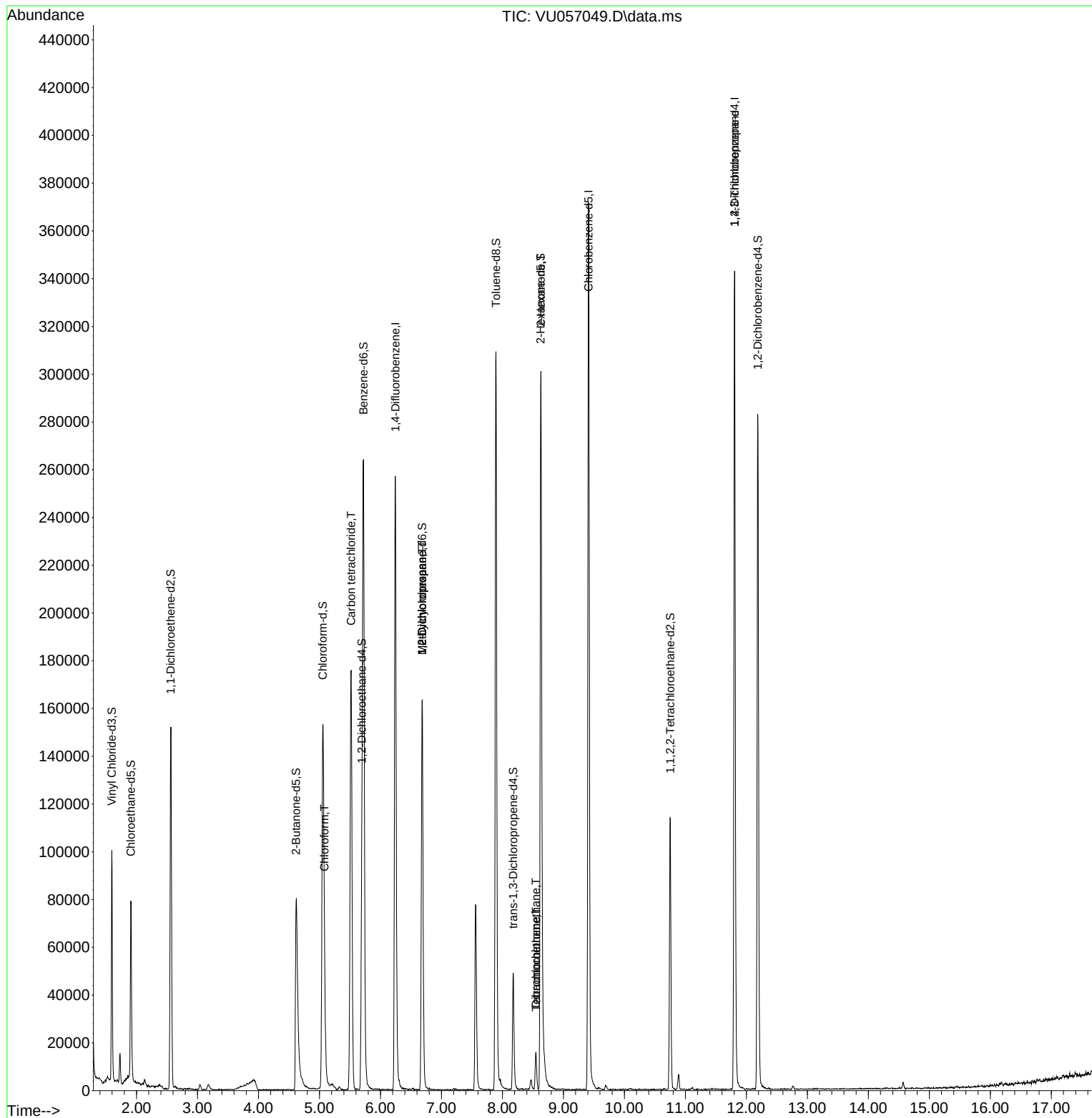
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	205066	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	210836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	69001	3.925	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.907	69	54981	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.560	65	29770	3.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.618	46	128980	37.156	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.320%
24) Chloroform-d	5.055	84	141457	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	67425	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.721	84	252959	3.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.685	67	77207	3.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.894	98	215402	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	28880	3.638	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.627	63	103990	34.735	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57332	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	74275	4.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
25) Chloroform	5.081	83	36072	1.060	ug/L	97
31) Carbon tetrachloride	5.518	117	126218	4.765	ug/L	98
35) Methylcyclohexane	6.685	83	19818	0.661	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	9209	0.486	ug/L #	89
47) Tetrachloroethene	8.553	164	3483	0.245	ug/L	87
48) 2-Hexanone	8.631	43	13584	2.119	ug/L #	77
49) Dibromochloromethane	8.550	129	3761	0.255	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10574	1.084	ug/L #	69

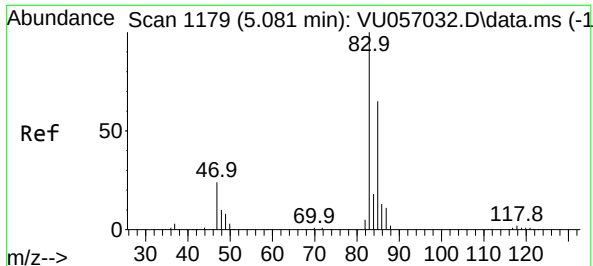
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.060 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057049.D

Acq: 19 Dec 2023 17:10

Instrument :

MSVOA_U

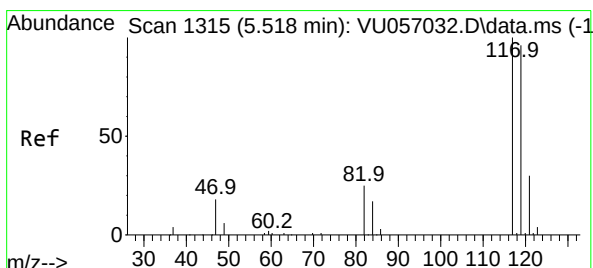
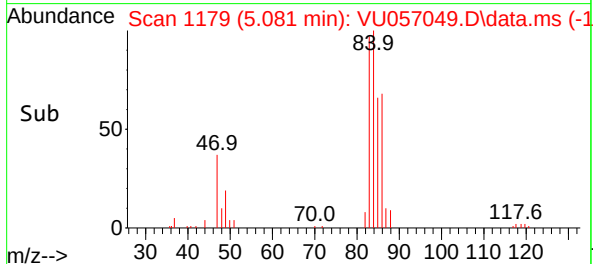
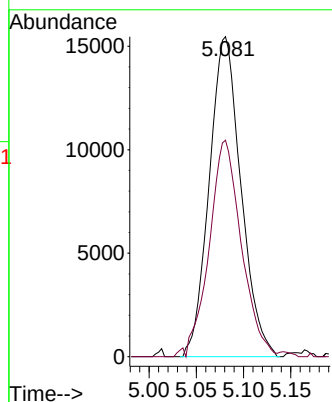
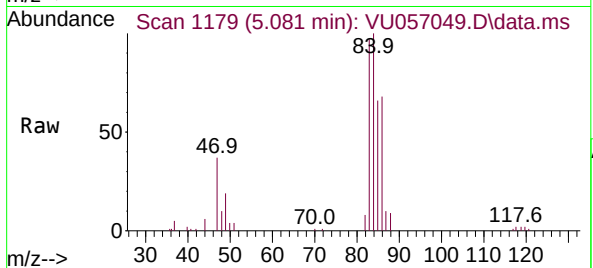
ClientSampleId :

Tgt Ion: 83 Resp: 36072

Ion Ratio Lower Upper

83 100

85 67.6 45.8 85.0



#31

Carbon tetrachloride

Concen: 4.765 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VU057049.D

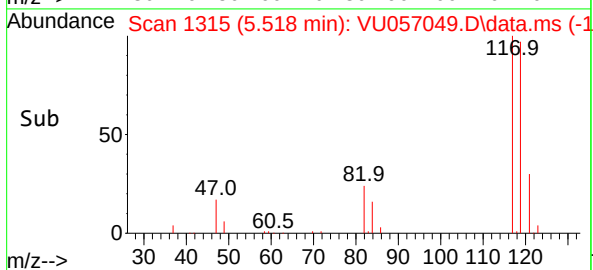
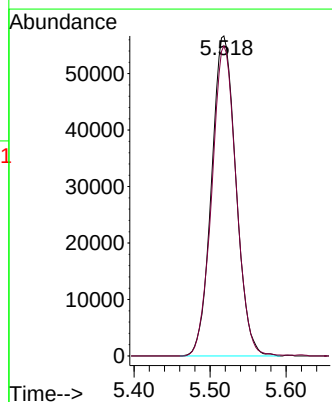
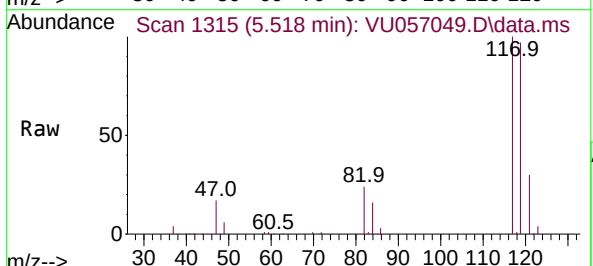
Acq: 19 Dec 2023 17:10

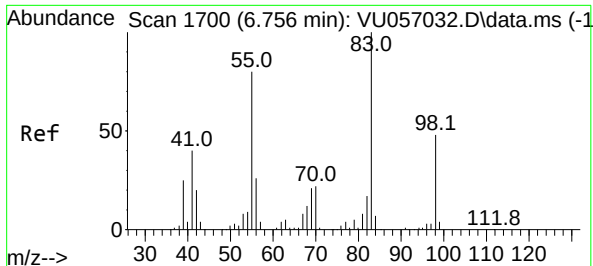
Tgt Ion: 117 Resp: 126218

Ion Ratio Lower Upper

117 100

119 97.0 76.2 114.4





#35

Methylcyclohexane

Concen: 0.661 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057049.D

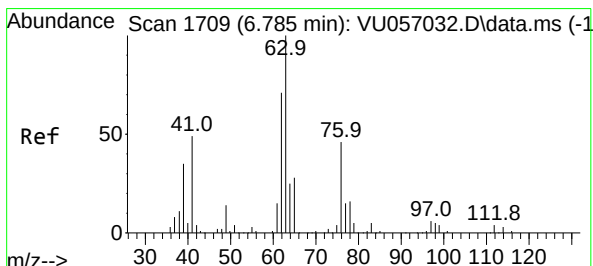
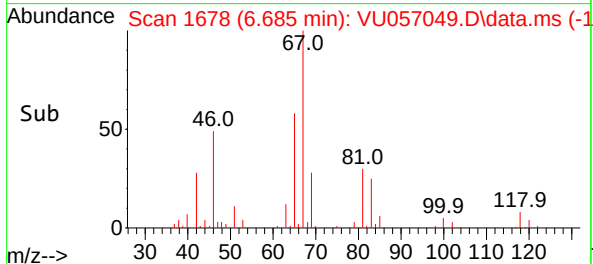
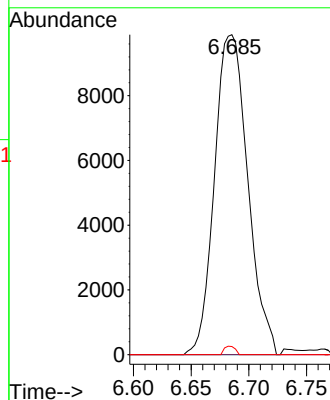
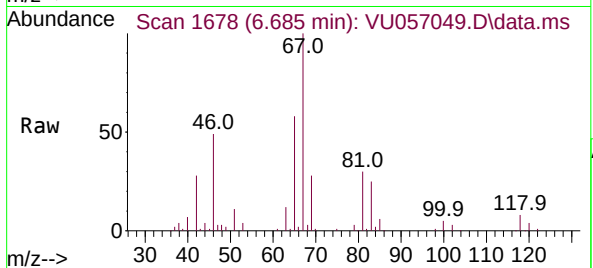
Acq: 19 Dec 2023 17:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	19818
Ion Ratio	Lower	Upper	
83	100		
55	0.0	64.6	97.0#
98	0.9	36.1	54.1#



#37

1,2-Dichloropropane

Concen: 0.486 ug/L

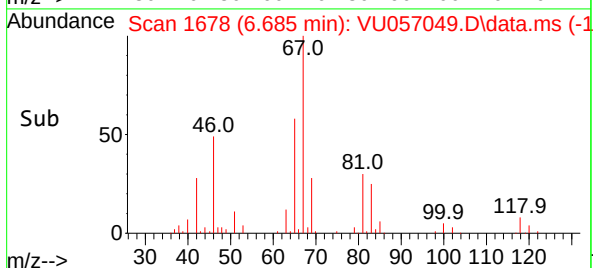
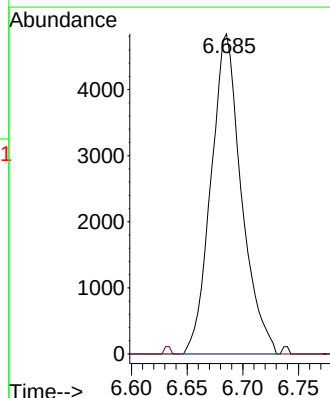
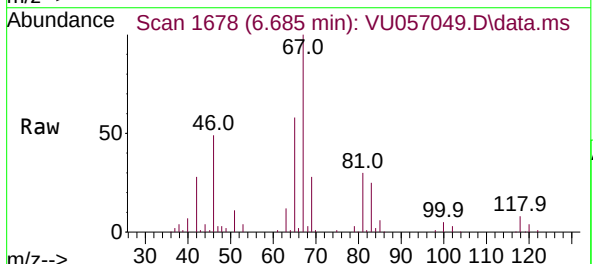
RT: 6.685 min Scan# 1678

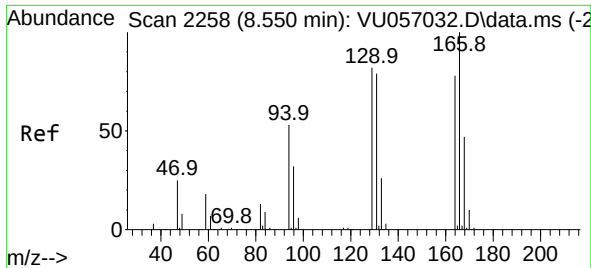
Delta R.T. -0.100 min

Lab File: VU057049.D

Acq: 19 Dec 2023 17:10

Tgt Ion:	63	Resp:	9209
Ion Ratio	Lower	Upper	
63	100		
112	0.5	3.3	4.9#





#47

Tetrachloroethene

Concen: 0.245 ug/L

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057049.D

Acq: 19 Dec 2023 17:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 3483

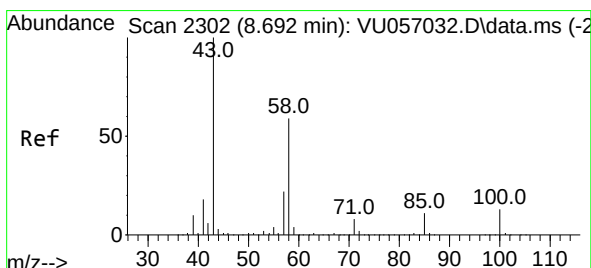
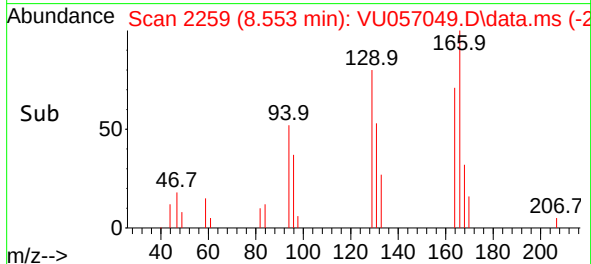
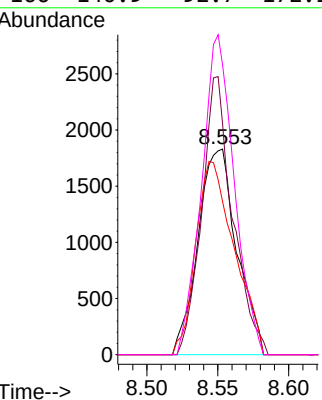
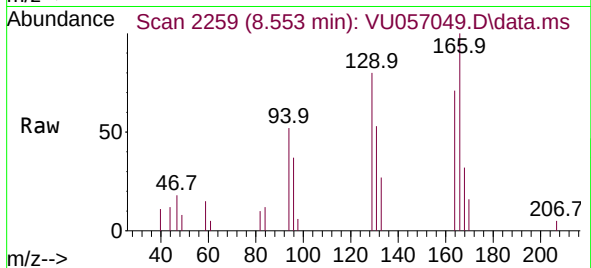
Ion Ratio Lower Upper

164 100

129 112.2 73.4 136.4

131 74.4 71.5 132.9

166 140.9 92.7 172.1



#48

2-Hexanone

Concen: 2.119 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.061 min

Lab File: VU057049.D

Acq: 19 Dec 2023 17:10

Tgt Ion: 43 Resp: 13584

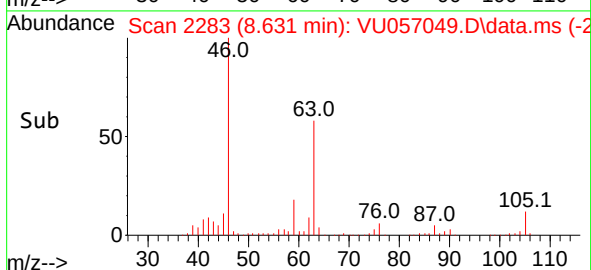
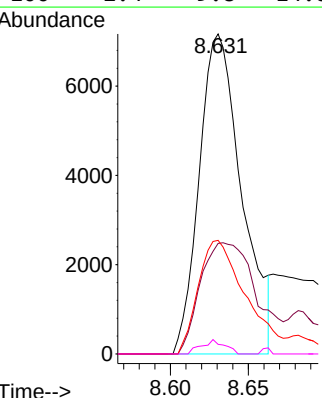
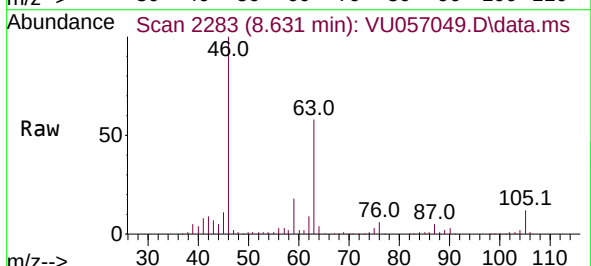
Ion Ratio Lower Upper

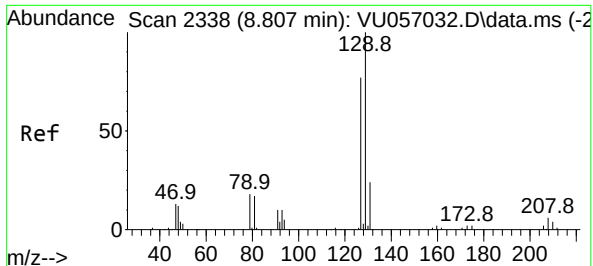
43 100

58 46.3 47.5 71.3#

57 39.6 17.0 25.4#

100 2.4 9.8 14.8#





#49

Dibromochloromethane

Concen: 0.255 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057049.D

Acq: 19 Dec 2023 17:10

Instrument :

MSVOA_U

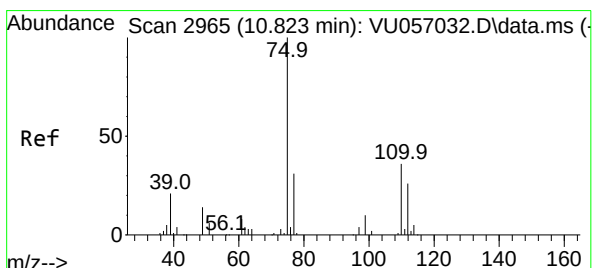
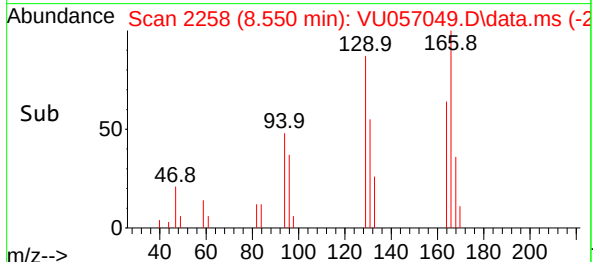
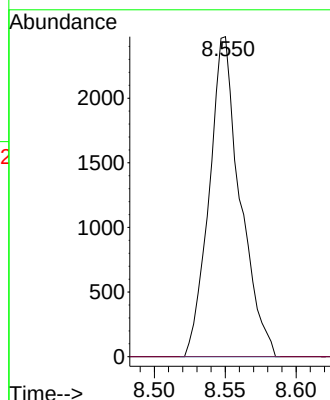
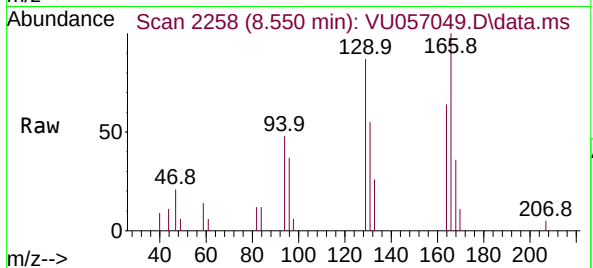
ClientSampleId :

Tgt Ion:129 Resp: 3761

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.084 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.984 min

Lab File: VU057049.D

Acq: 19 Dec 2023 17:10

Tgt Ion: 75 Resp: 10574

Ion Ratio Lower Upper

75 100

110 1.8 28.4 42.6#

77 34.4 26.3 39.5

