

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058889.D
 Acq On : 14 May 2024 16:30
 Operator : MD/SY
 Sample : P2392-19 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:09:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

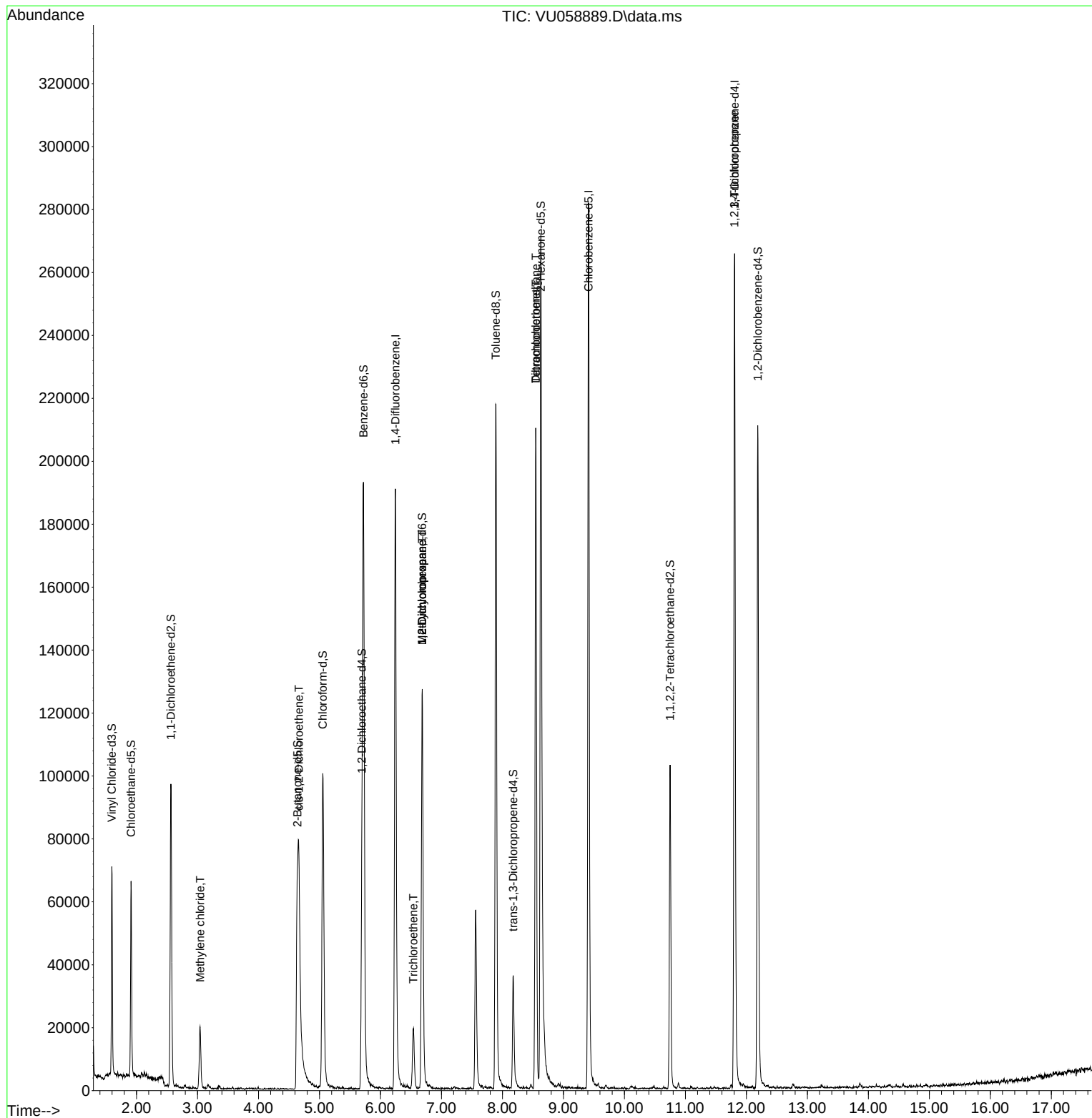
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	156853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45332	4.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.911	69	43239	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.563	65	19239	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.637	46	131873	53.385	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.760%
24) Chloroform-d	5.055	84	94280	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	48552	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	181793	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.685	67	61318	5.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.891	98	147801	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	20868	5.099	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.630	63	105016	53.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53061	5.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57049	5.345	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
16) Methylene chloride	3.042	84	8920	0.673	ug/L	81
22) cis-1,2-Dichloroethene	4.663	96	20055	1.693	ug/L	90
34) Trichloroethene	6.541	95	6308	0.520	ug/L	95
35) Methylcyclohexane	6.685	83	13481	0.779	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6986	0.537	ug/L #	93
47) Tetrachloroethene	8.547	164	46259	5.355	ug/L	98
49) Dibromochloromethane	8.547	129	44743	4.636	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8876	1.214	ug/L #	67

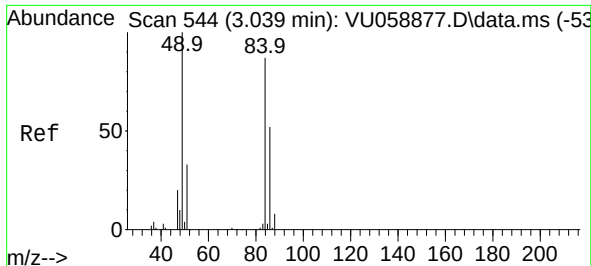
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.673 ug/L

RT: 3.042 min Scan# 544

Delta R.T. 0.003 min

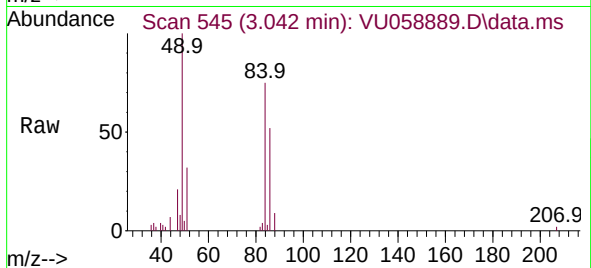
Lab File: VU058889.D

Acq: 14 May 2024 16:30

Instrument :

MSVOA_U

ClientSampleId :



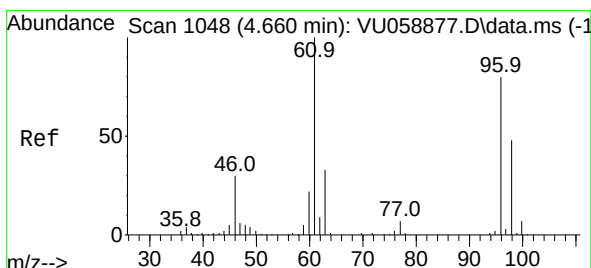
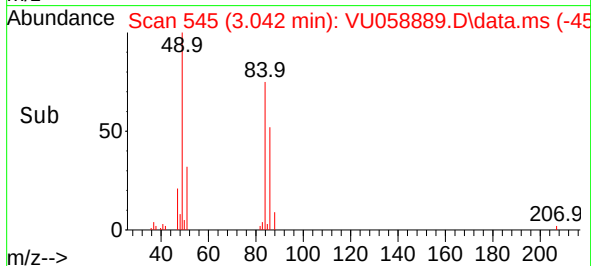
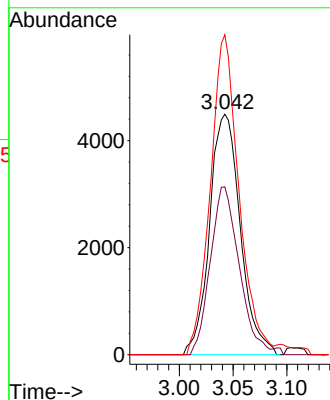
Tgt Ion: 84 Resp: 8920

Ion Ratio Lower Upper

84 100

86 69.8 42.1 78.1

49 140.1 80.6 149.8



#22

cis-1,2-Dichloroethene

Concen: 1.693 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU058889.D

Acq: 14 May 2024 16:30

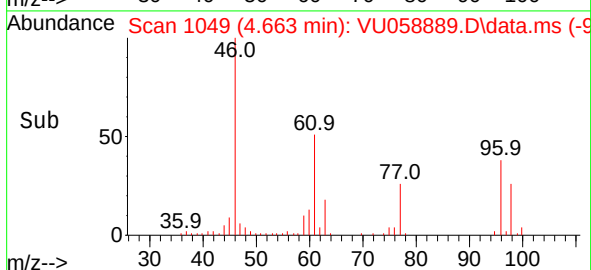
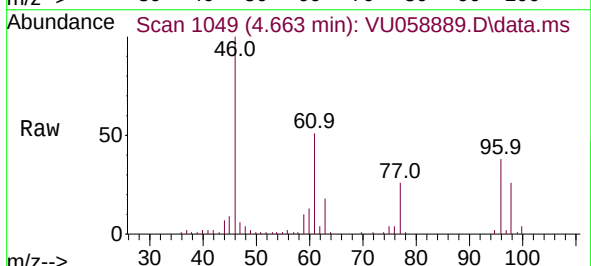
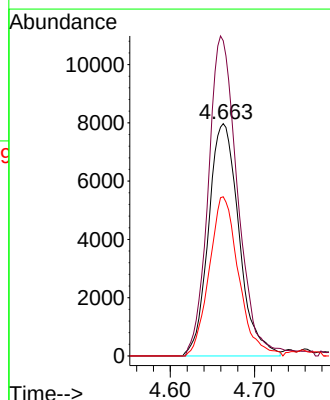
Tgt Ion: 96 Resp: 20055

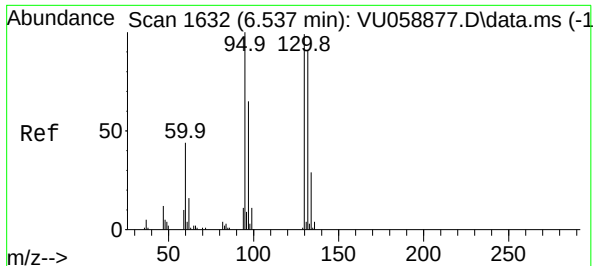
Ion Ratio Lower Upper

96 100

61 135.7 87.4 162.2

98 68.6 42.3 78.5





#34

Trichloroethene

Concen: 0.520 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

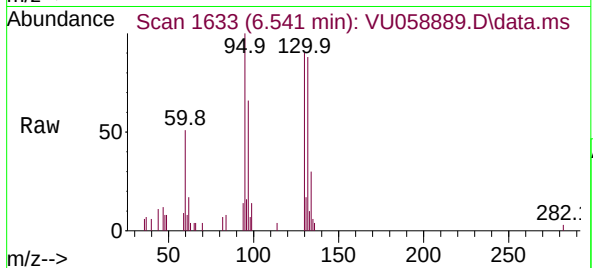
Lab File: VU058889.D

Acq: 14 May 2024 16:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 6308

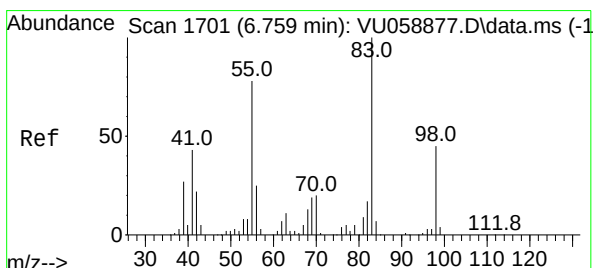
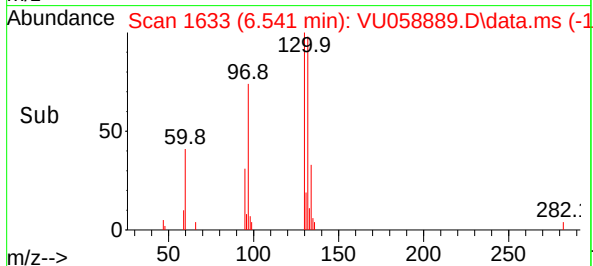
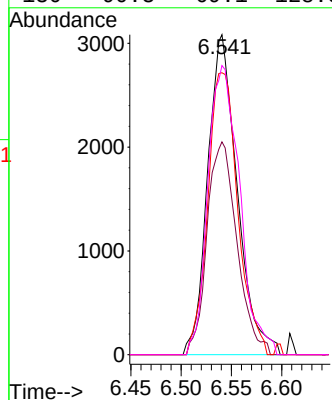
Ion Ratio Lower Upper

95 100

97 66.5 45.3 84.1

132 88.1 64.0 119.0

130 90.3 69.1 128.3



#35

Methylcyclohexane

Concen: 0.779 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU058889.D

Acq: 14 May 2024 16:30

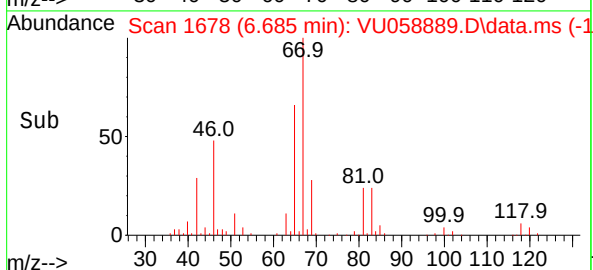
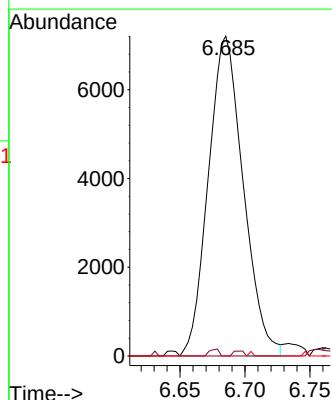
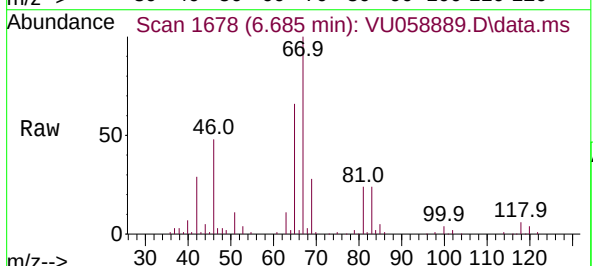
Tgt Ion: 83 Resp: 13481

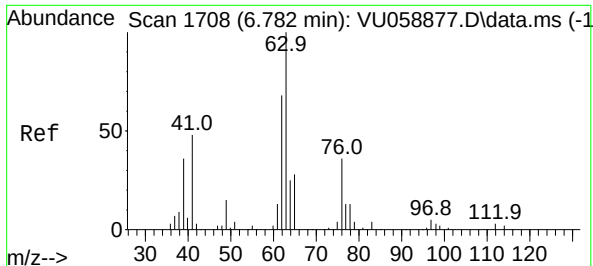
Ion Ratio Lower Upper

83 100

55 0.6 62.7 94.1#

98 0.0 35.4 53.0#

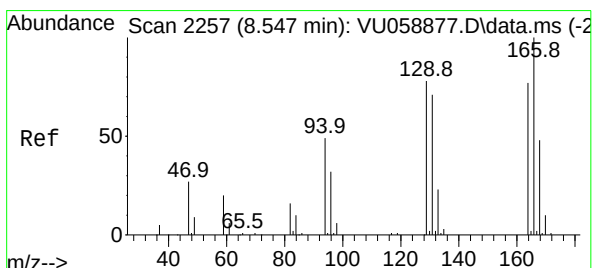
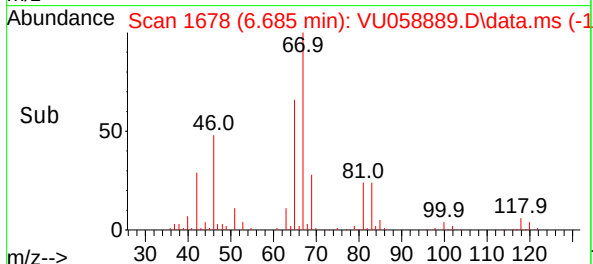
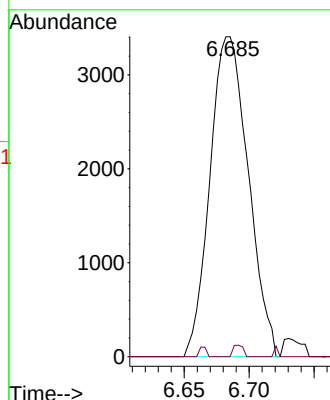
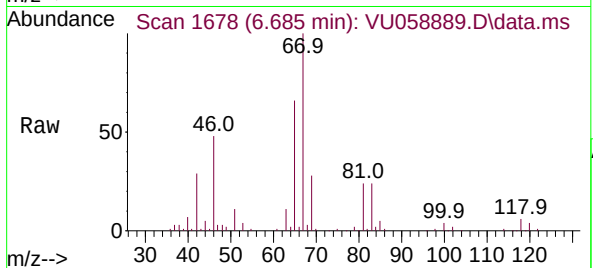




#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058889.D
Acq: 14 May 2024 16:30

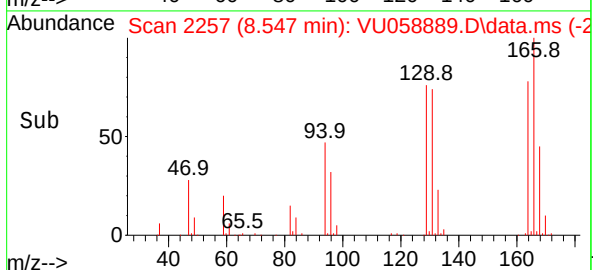
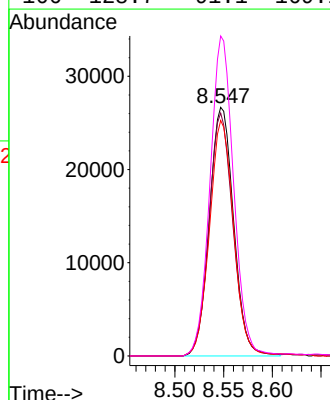
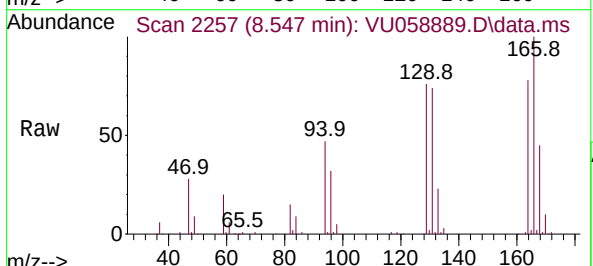
Instrument :
MSVOA_U
ClientSampleId :

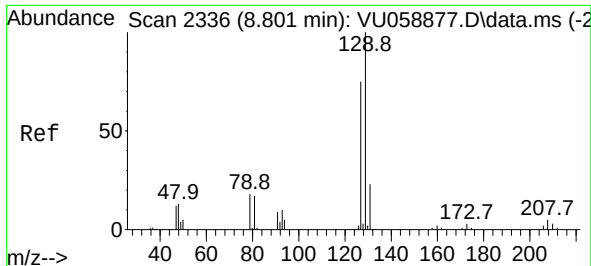
Tgt Ion: 63 Resp: 6986
Ion Ratio Lower Upper
63 100
112 1.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 5.355 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058889.D
Acq: 14 May 2024 16:30

Tgt Ion:164 Resp: 46259
Ion Ratio Lower Upper
164 100
129 97.7 70.8 131.4
131 94.8 64.8 120.3
166 128.7 91.1 169.1





#49

Dibromochloromethane

Concen: 4.636 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058889.D

Acq: 14 May 2024 16:30

Instrument :

MSVOA_U

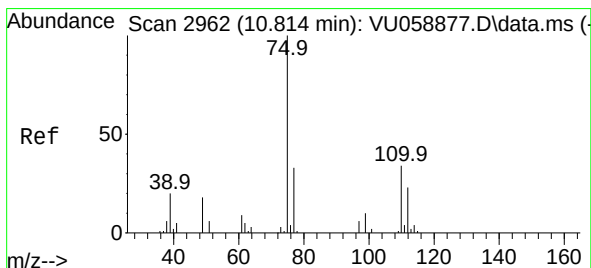
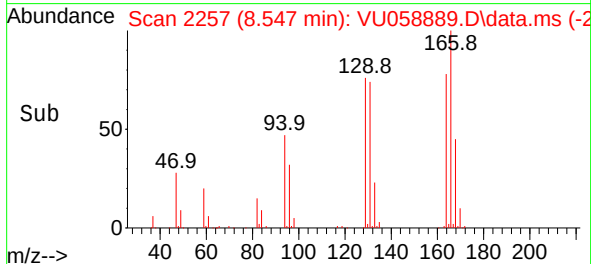
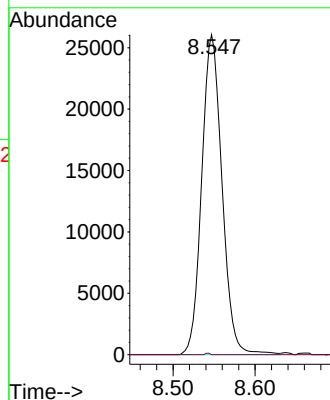
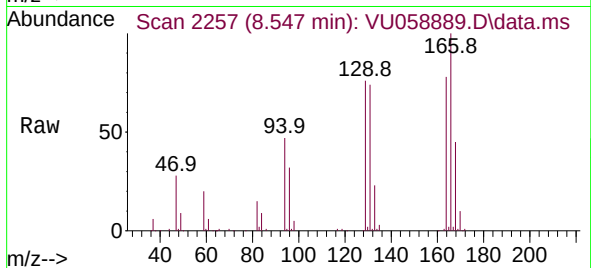
ClientSampleId :

Tgt Ion:129 Resp: 44743

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.214 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU058889.D

Acq: 14 May 2024 16:30

Tgt Ion: 75 Resp: 8876

Ion Ratio Lower Upper

75 100

110 3.7 27.1 40.7#

77 38.0 25.4 38.2

