

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056171.D
 Acq On : 10 Nov 2023 14:54
 Operator : MD/SY
 Sample : 05340-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 10 22:21:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
 Response via : Initial Calibration

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

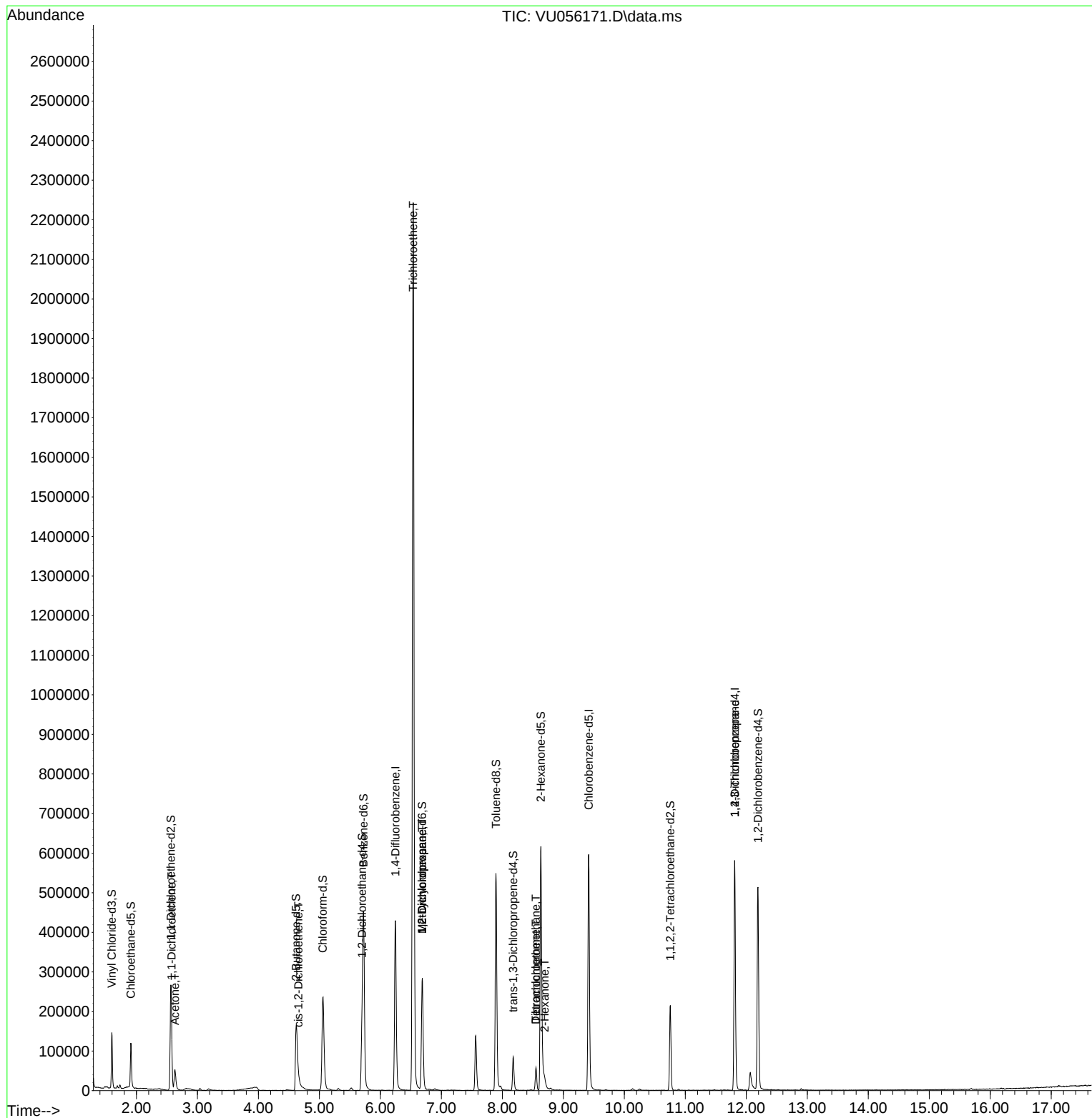
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	363856	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	367732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	165705	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	102329	4.531	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.600%	
7) Chloroethane-d5	1.907	69	82856	5.406	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.200%	
11) 1,1-Dichloroethene-d2	2.563	65	46225	4.646	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	4.618	46	260558	70.324	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	140.640%#	
24) Chloroform-d	5.055	84	230535	5.362	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.200%	
26) 1,2-Dichloroethane-d4	5.698	65	109935	5.808	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.200%	
32) Benzene-d6	5.721	84	455778	5.161	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.685	67	144765	5.568	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.894	98	391827	4.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	8.177	79	51613	5.194	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.800%	
46) 2-Hexanone-d5	8.631	63	222450	68.295	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	136.580%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108183	5.830	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	143273	5.607	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	19179	0.820	ug/L #	1
13) Acetone	2.631	43	65969	24.143	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	3031	0.113	ug/L #	71
34) Trichloroethene	6.538	95	794825	27.635	ug/L	98
35) Methylcyclohexane	6.685	83	33738	0.789	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13986	0.511	ug/L #	88
47) Tetrachloroethene	8.550	164	13486	0.625	ug/L	94
48) 2-Hexanone	8.692	43	17641	2.023	ug/L #	89
49) Dibromochloromethane	8.547	129	13243	0.617	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	18161	1.270	ug/L #	67

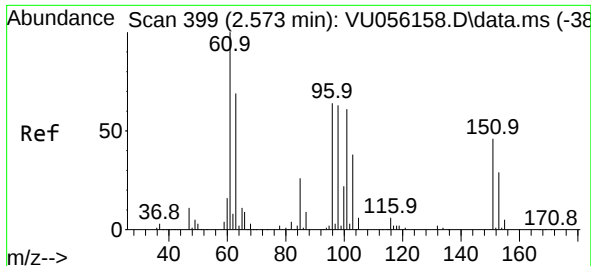
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.820 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

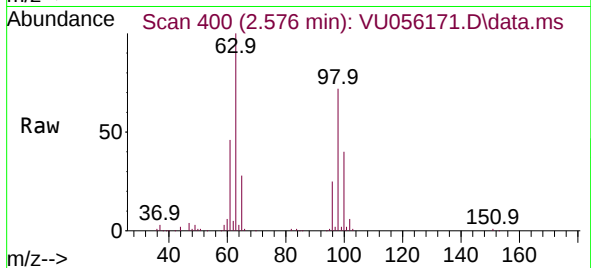
Lab File: VU056171.D

Acq: 10 Nov 2023 14:54

Instrument :

MSVOA_U

ClientSampleId :



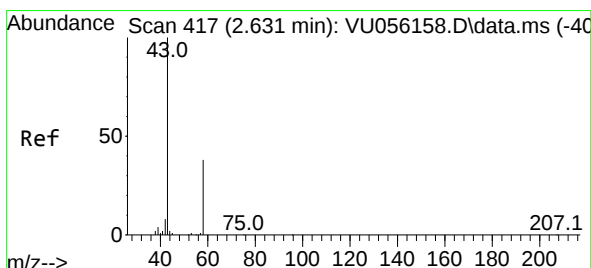
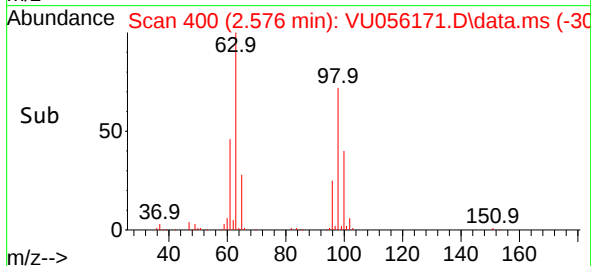
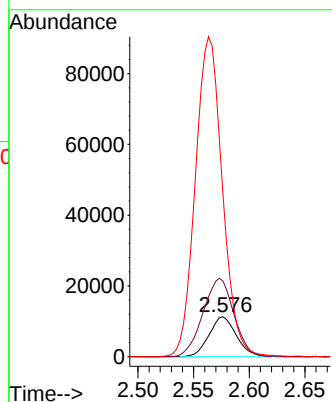
Tgt Ion: 96 Resp: 19179

Ion Ratio Lower Upper

96 100

61 189.3 111.7 207.5

63 407.7 74.5 138.3#



#13

Acetone

Concen: 24.143 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU056171.D

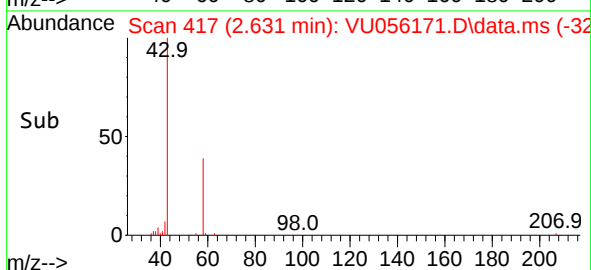
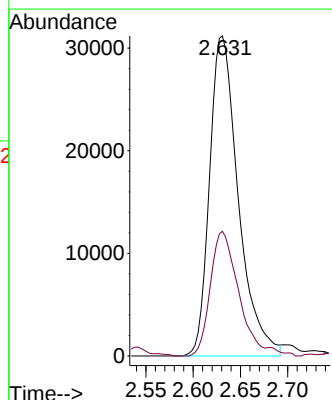
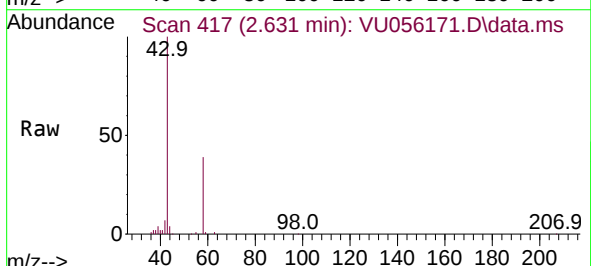
Acq: 10 Nov 2023 14:54

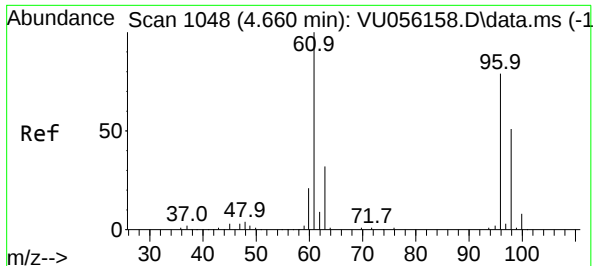
Tgt Ion: 43 Resp: 65969

Ion Ratio Lower Upper

43 100

58 38.9 0.0 74.4





#22

cis-1,2-Dichloroethene

Concen: 0.113 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU056171.D

Acq: 10 Nov 2023 14:54

Instrument :

MSVOA_U

ClientSampleId :

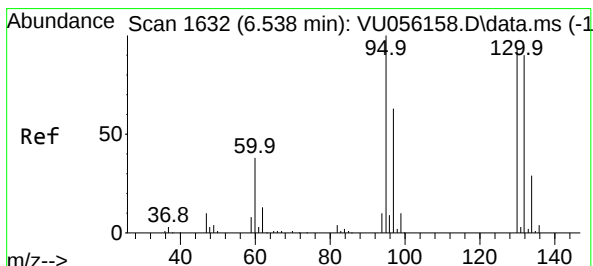
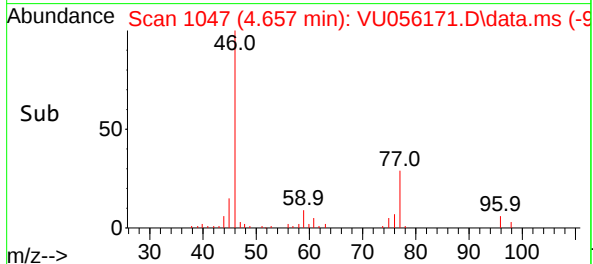
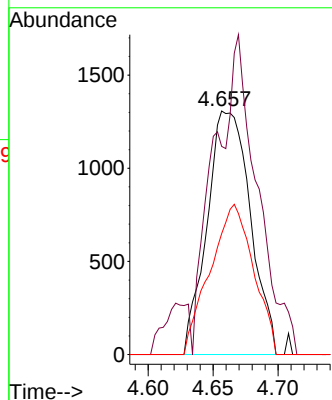
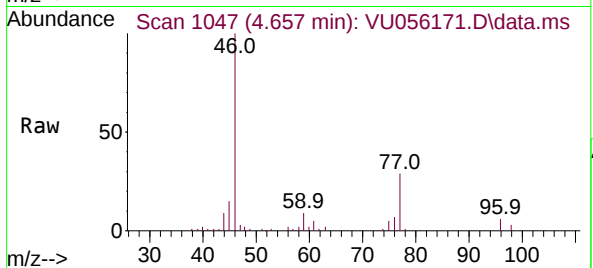
Tgt Ion: 96 Resp: 3031

Ion Ratio Lower Upper

96 100

61 85.5 87.8 163.2#

98 49.7 43.5 80.7



#34

Trichloroethene

Concen: 27.635 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056171.D

Acq: 10 Nov 2023 14:54

Tgt Ion: 95 Resp: 794825

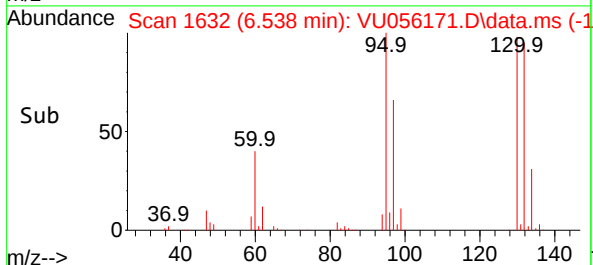
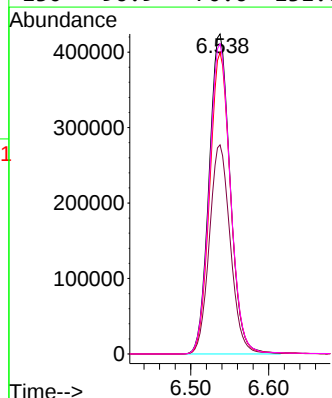
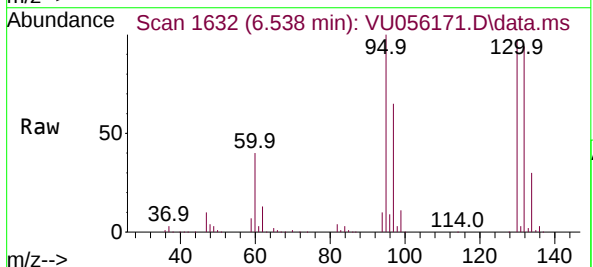
Ion Ratio Lower Upper

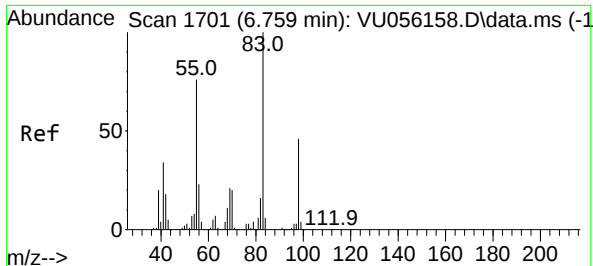
95 100

97 65.3 46.8 87.0

132 94.2 66.5 123.5

130 96.9 70.6 131.0





#35

Methylcyclohexane

Concen: 0.789 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056171.D

Acq: 10 Nov 2023 14:54

Instrument :

MSVOA_U

ClientSampleId :

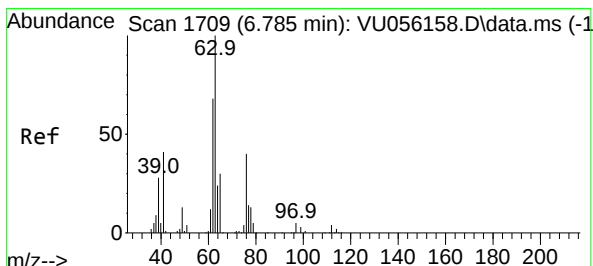
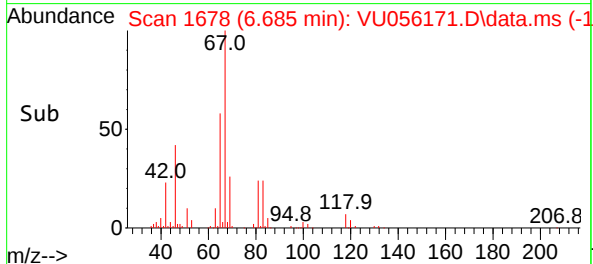
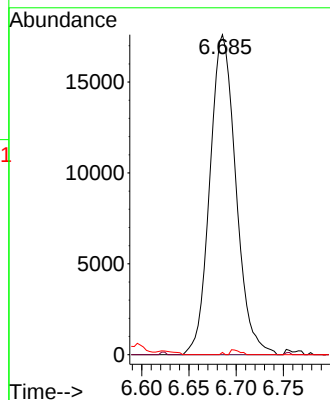
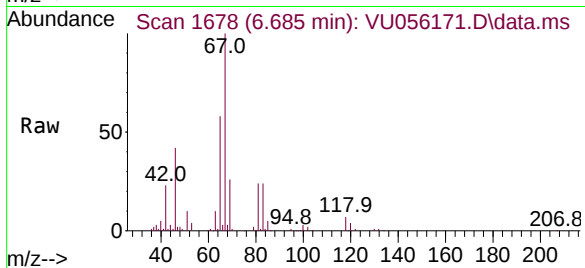
Tgt Ion: 83 Resp: 33738

Ion Ratio Lower Upper

83 100

55 0.1 60.6 91.0#

98 0.0 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056171.D

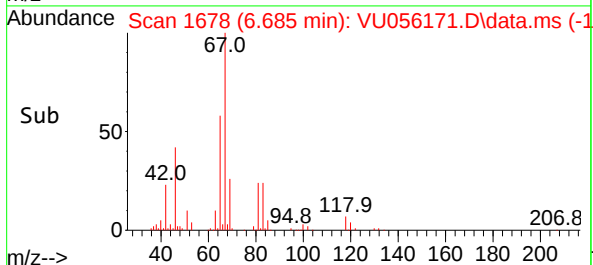
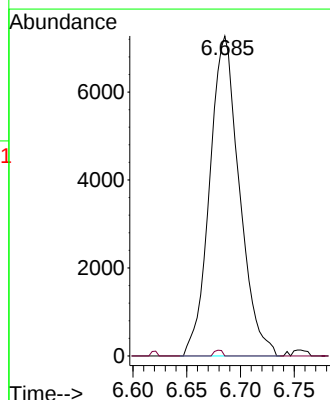
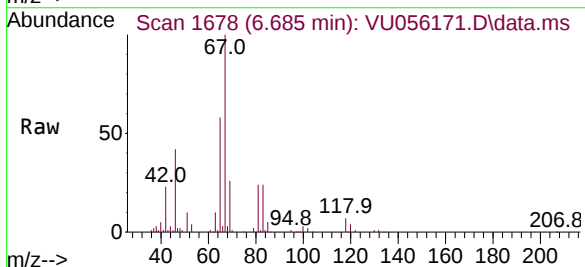
Acq: 10 Nov 2023 14:54

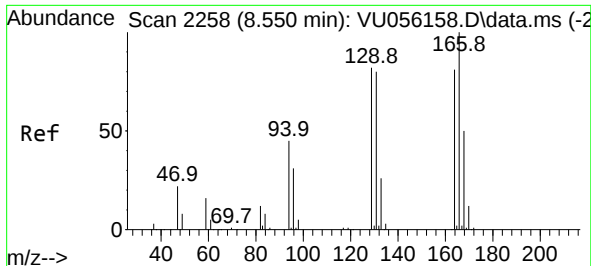
Tgt Ion: 63 Resp: 13986

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.2#





#47

Tetrachloroethene

Concen: 0.625 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

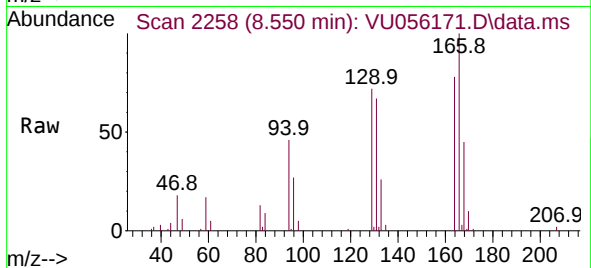
Lab File: VU056171.D

Acq: 10 Nov 2023 14:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 13486

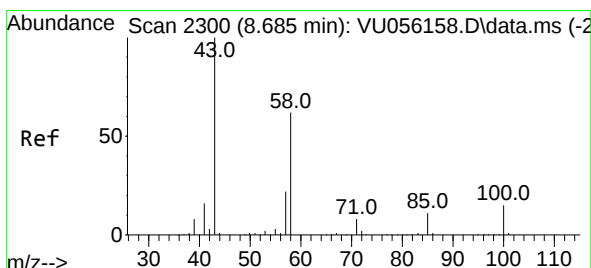
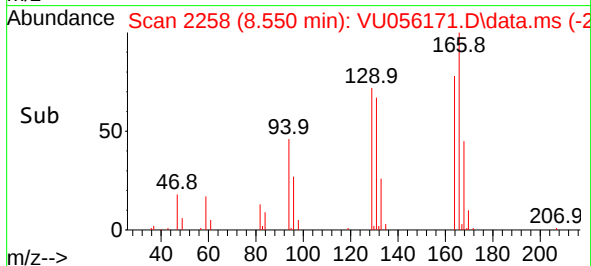
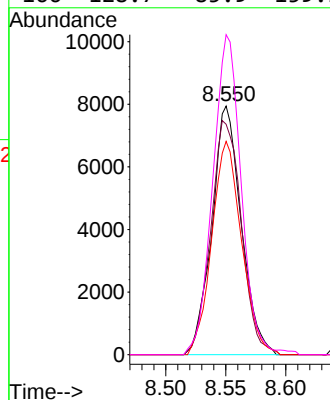
Ion Ratio Lower Upper

164 100

129 92.6 66.6 123.8

131 85.8 67.8 126.0

166 128.7 85.9 159.5



#48

2-Hexanone

Concen: 2.023 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU056171.D

Acq: 10 Nov 2023 14:54

Tgt Ion: 43 Resp: 17641

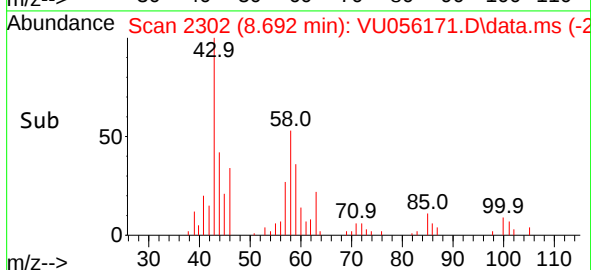
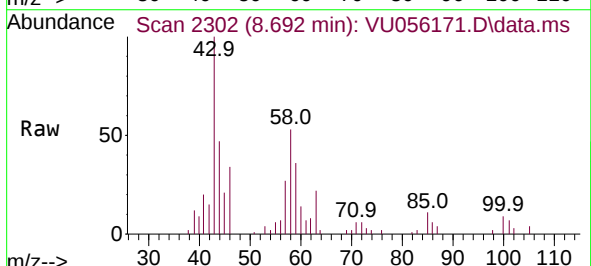
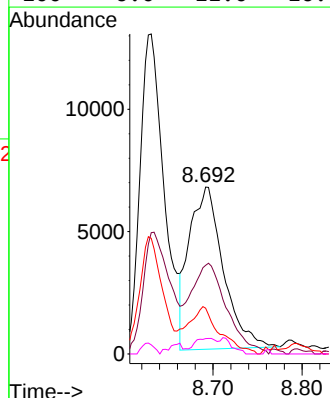
Ion Ratio Lower Upper

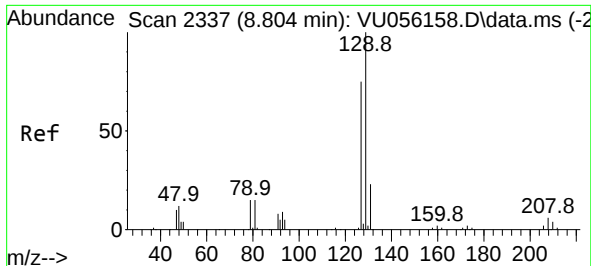
43 100

58 57.9 52.0 78.0

57 27.3 17.4 26.2#

100 6.0 11.0 16.6#

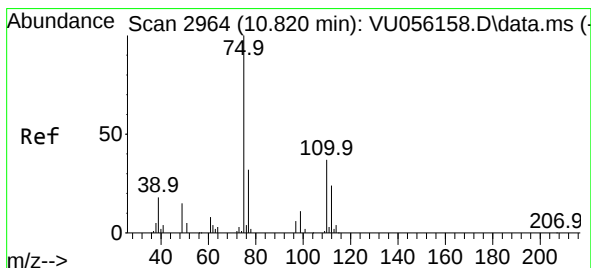
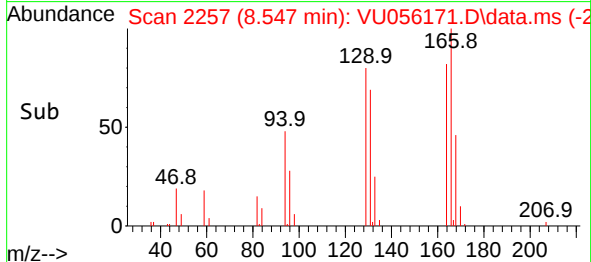
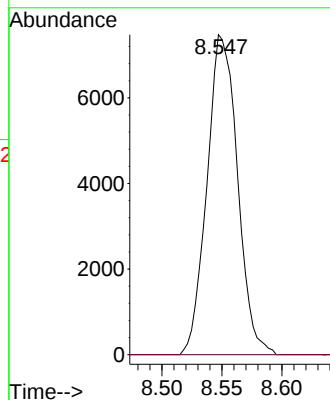
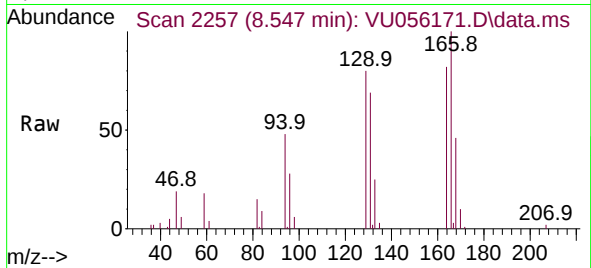




#49
Dibromochloromethane
Concen: 0.617 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056171.D
Acq: 10 Nov 2023 14:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 13243
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.270 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056171.D
Acq: 10 Nov 2023 14:54

Tgt Ion: 75 Resp: 18161
Ion Ratio Lower Upper
75 100
110 3.0 29.7 44.5#
77 35.0 25.5 38.3

