

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058839.D
 Acq On : 07 May 2024 12:09
 Operator : MD/SY
 Sample : P2392-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:55:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 04:54:32 2024
 Response via : Initial Calibration

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

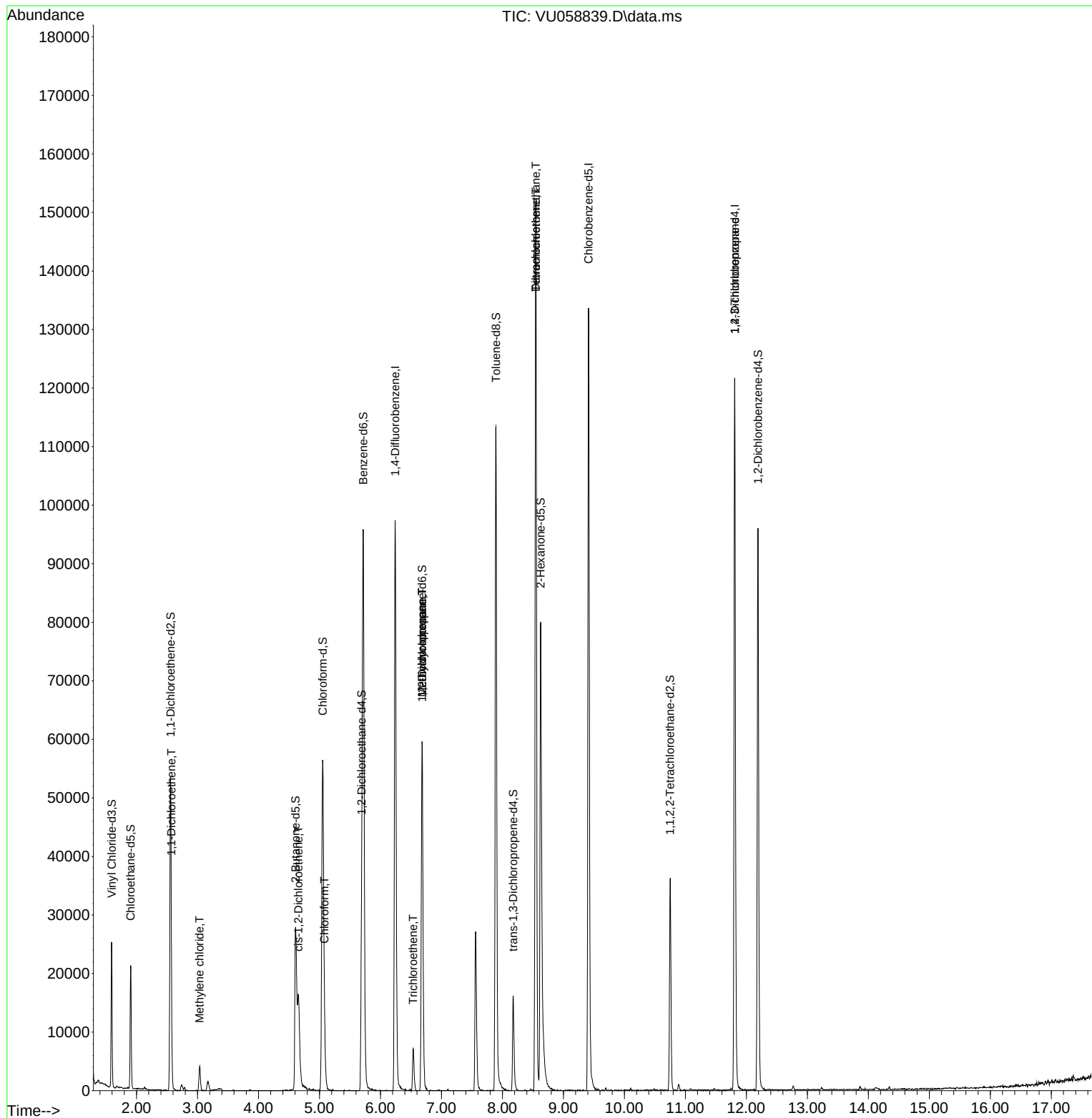
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78129	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74741	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	33099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16545	2.692	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	53.800%		
7) Chloroethane-d5	1.904	69	14558	3.144	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	62.800%#		
11) 1,1-Dichloroethene-d2	2.560	65	10327	3.338	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	66.800%		
20) 2-Butanone-d5	4.608	46	40426	37.441	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	74.880%		
24) Chloroform-d	5.052	84	52552	4.183	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	83.600%		
26) 1,2-Dichloroethane-d4	5.692	65	26400	4.335	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.800%		
32) Benzene-d6	5.718	84	87905	3.695	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	74.000%		
36) 1,2-Dichloropropane-d6	6.682	67	25863	3.645	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	72.800%		
41) Toluene-d8	7.894	98	77536	3.641	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	72.800%		
43) trans-1,3-Dichloroprop...	8.177	79	9844	3.810	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	76.200%		
46) 2-Hexanone-d5	8.624	63	27496	35.918	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	71.840%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17024	3.939	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	78.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	25345	4.393	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	87.800%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	1446	0.254	ug/L #	1
16) Methylene chloride	3.033	84	1815	0.296	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	6843	1.093	ug/L	89
25) Chloroform	5.081	83	8206	0.654	ug/L	93
34) Trichloroethene	6.537	95	2475	0.352	ug/L	93
35) Methylcyclohexane	6.682	83	6770	0.633	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3830	0.567	ug/L #	89
47) Tetrachloroethene	8.547	164	32864	6.655	ug/L	96
49) Dibromochloromethane	8.547	129	30970	6.804	ug/L #	13
61) 1,2,3-Trichloropropane	11.811	75	3591	1.192	ug/L #	63

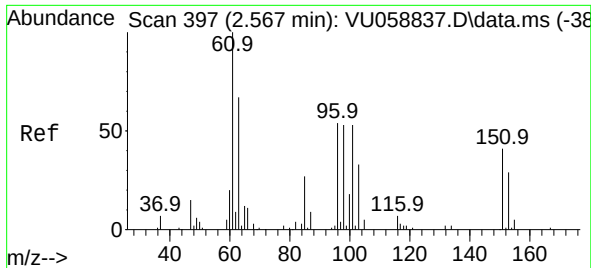
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 08 04:54:32 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.254 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

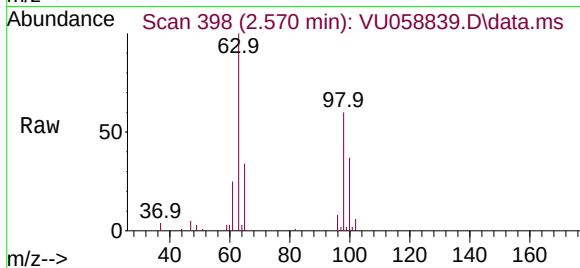
Lab File: VU058839.D

Acq: 07 May 2024 12:09

Instrument :

MSVOA_U

ClientSampleId :



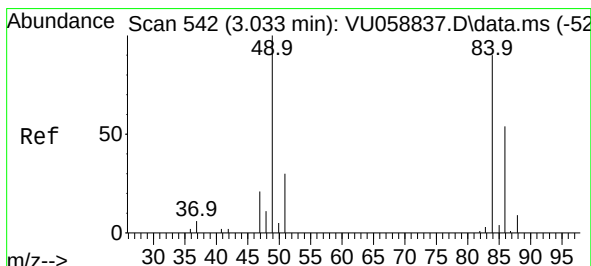
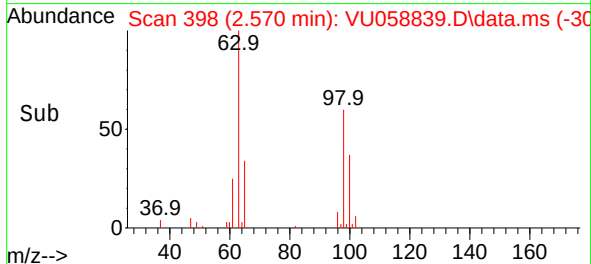
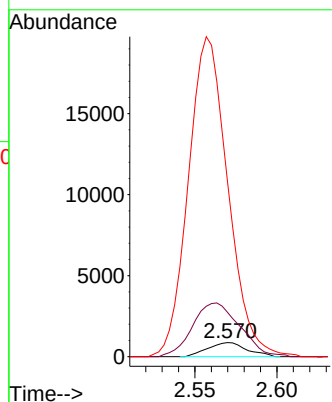
Tgt Ion: 96 Resp: 1446

Ion Ratio Lower Upper

96 100

61 314.8 135.3 251.3#

63 1245.4 91.9 170.7#



#16

Methylene chloride

Concen: 0.296 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.000 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

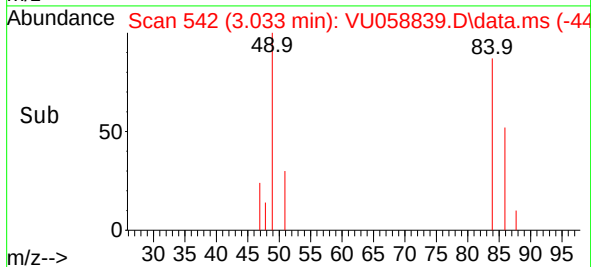
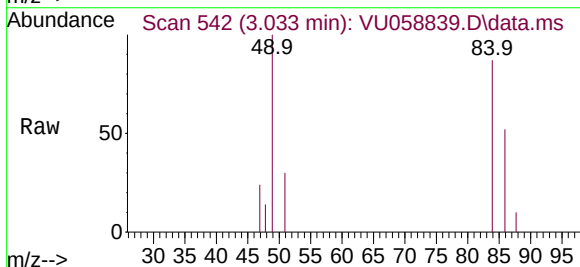
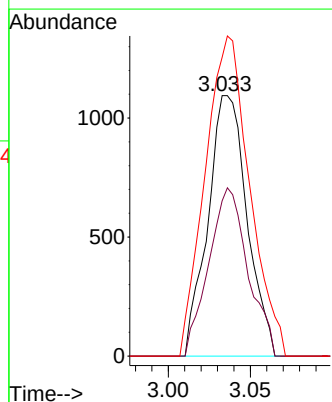
Tgt Ion: 84 Resp: 1815

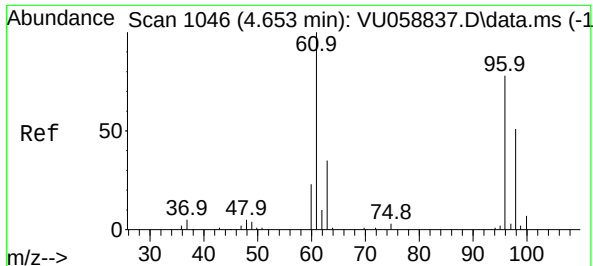
Ion Ratio Lower Upper

84 100

86 59.6 45.0 83.6

49 114.7 91.6 170.2

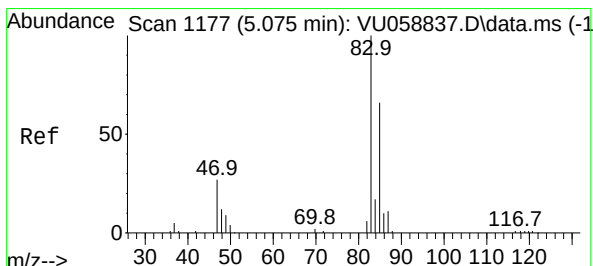
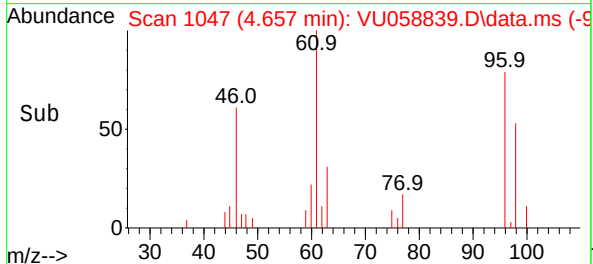
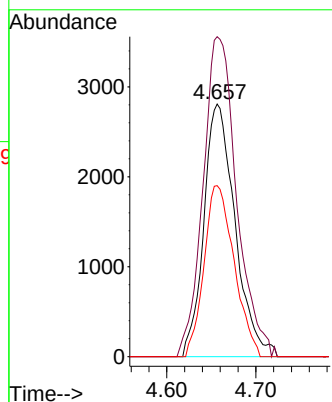
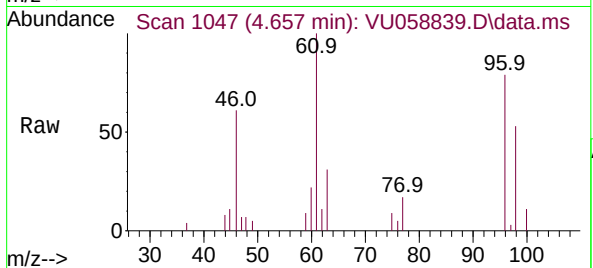




#22
cis-1,2-Dichloroethene
Concen: 1.093 ug/L
RT: 4.657 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU058839.D
Acq: 07 May 2024 12:09

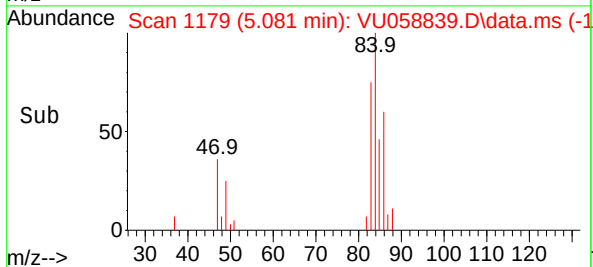
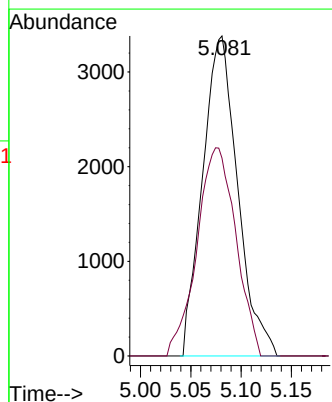
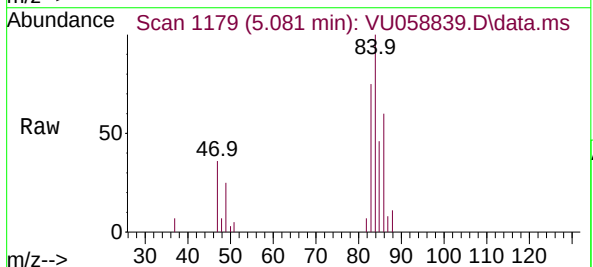
Instrument :
MSVOA_U
ClientSampleId :

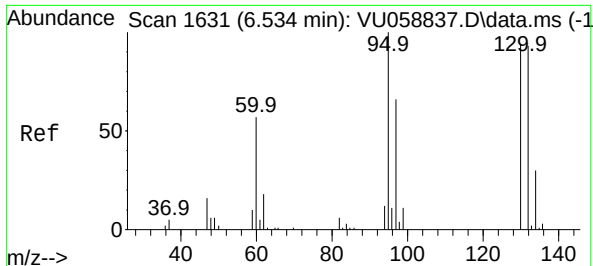
Tgt Ion: 96 Resp: 6843
Ion Ratio Lower Upper
96 100
61 126.7 100.4 186.4
98 67.7 45.1 83.7



#25
Chloroform
Concen: 0.654 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VU058839.D
Acq: 07 May 2024 12:09

Tgt Ion: 83 Resp: 8206
Ion Ratio Lower Upper
83 100
85 61.9 47.0 87.4





#34

Trichloroethene

Concen: 0.352 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 2475

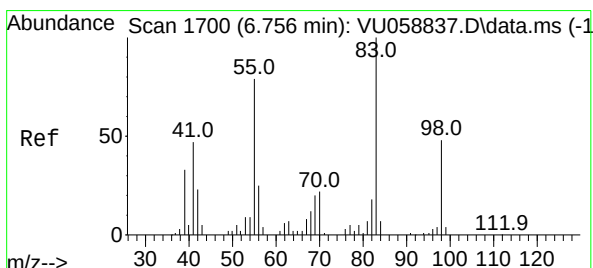
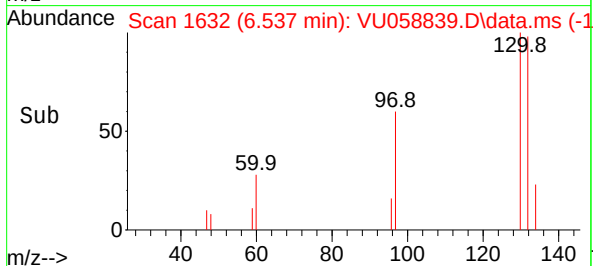
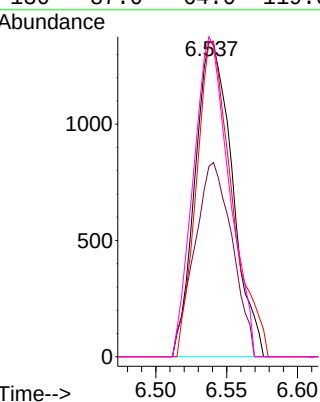
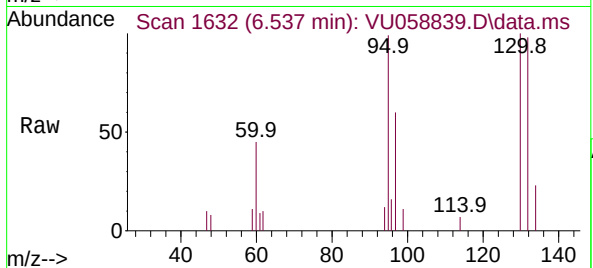
Ion Ratio Lower Upper

95 100

97 51.8 44.4 82.4

132 85.6 61.6 114.4

130 87.0 64.0 119.0



#35

Methylcyclohexane

Concen: 0.633 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

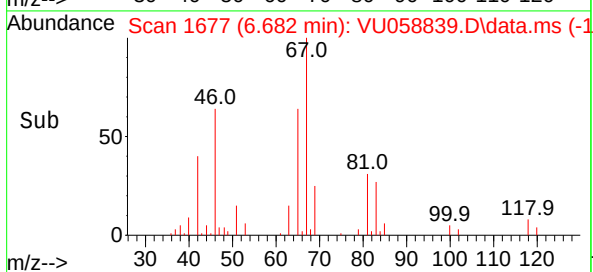
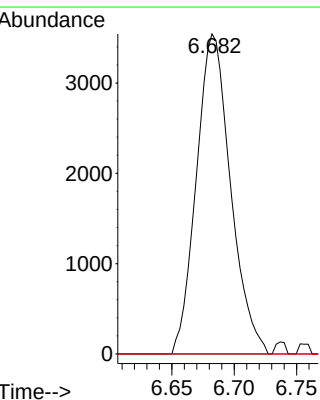
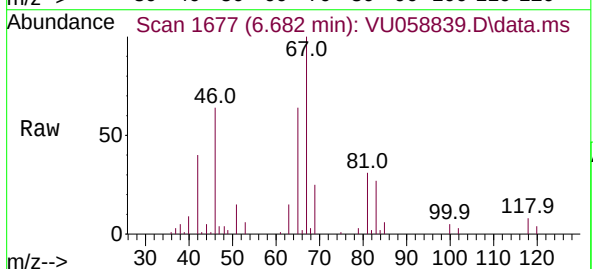
Tgt Ion: 83 Resp: 6770

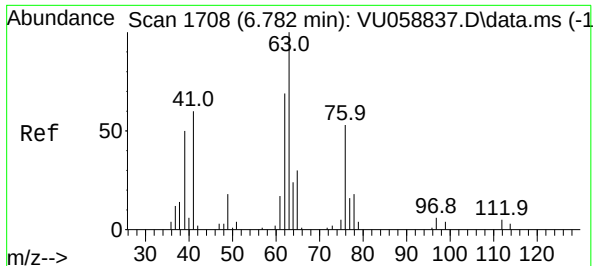
Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 3.2 35.4 53.2#

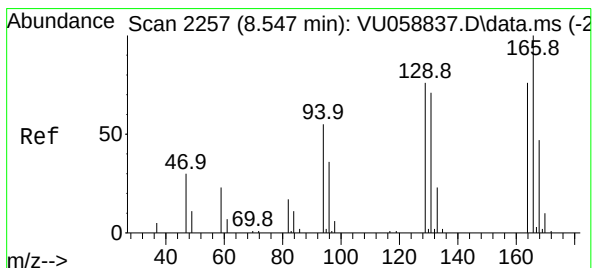
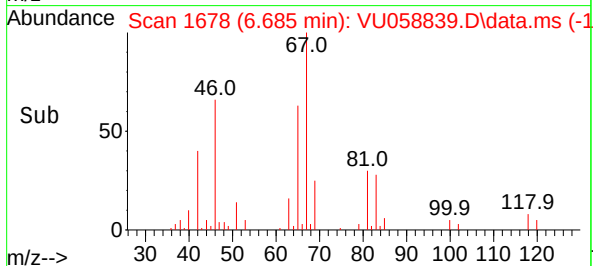
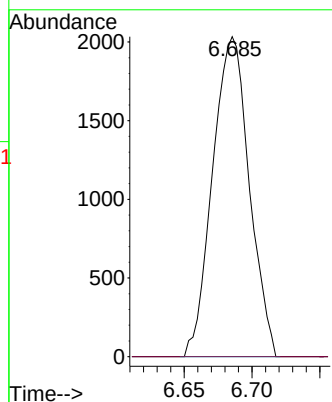
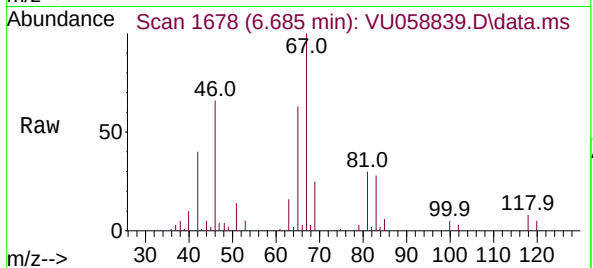




#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058839.D
Acq: 07 May 2024 12:09

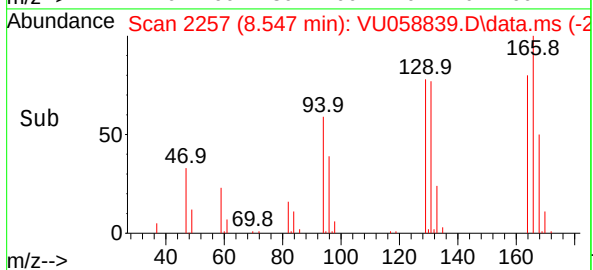
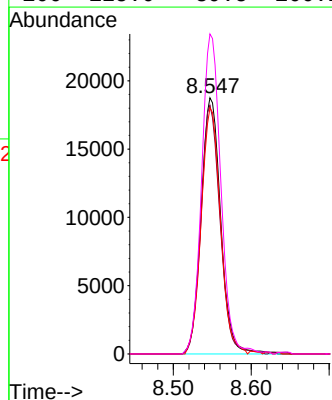
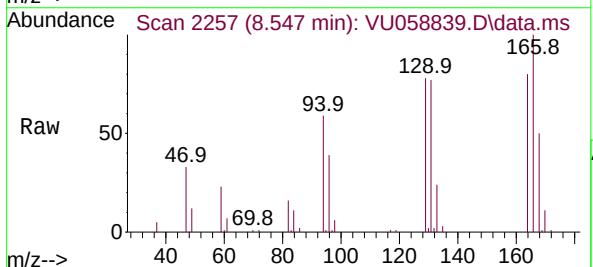
Instrument :
MSVOA_U
ClientSampleId :

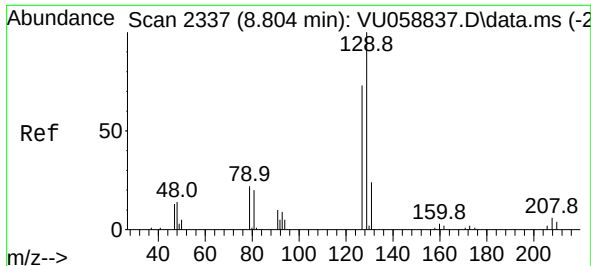
Tgt Ion: 63 Resp: 3830
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#47
Tetrachloroethene
Concen: 6.655 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058839.D
Acq: 07 May 2024 12:09

Tgt Ion:164 Resp: 32864
Ion Ratio Lower Upper
164 100
129 97.1 71.5 132.9
131 96.1 65.0 120.6
166 125.0 89.5 166.1





#49

Dibromochloromethane

Concen: 6.804 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

Instrument :

MSVOA_U

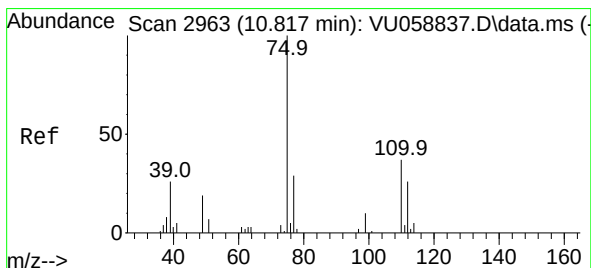
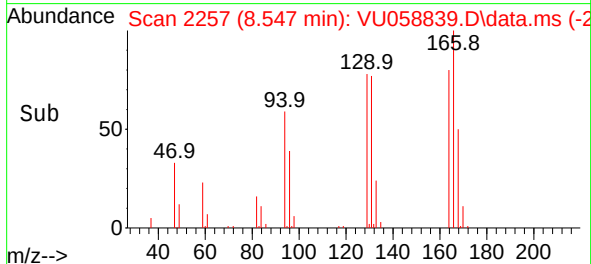
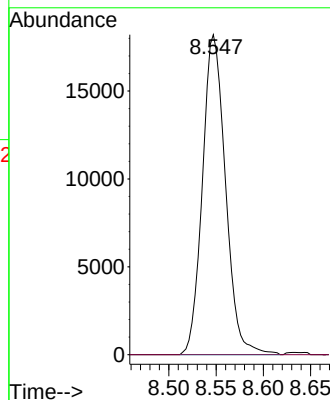
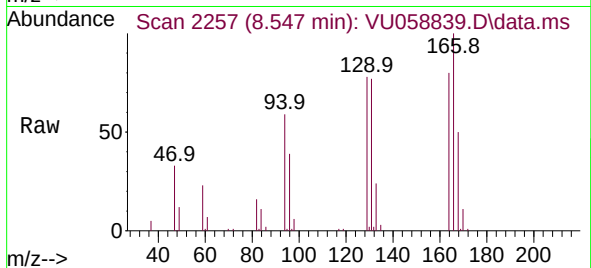
ClientSampleId :

Tgt Ion:129 Resp: 30970

Ion Ratio Lower Upper

129 100

127 0.0 51.0 94.8#



#61

1,2,3-Trichloropropane

Concen: 1.192 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.993 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

Tgt Ion: 75 Resp: 3591

Ion Ratio Lower Upper

75 100

110 0.6 28.6 43.0#

77 37.7 25.4 38.2

