

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058850.D
 Acq On : 07 May 2024 19:10
 Operator : MD/SY
 Sample : P2392-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:12:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 05:10:37 2024
 Response via : Initial Calibration

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

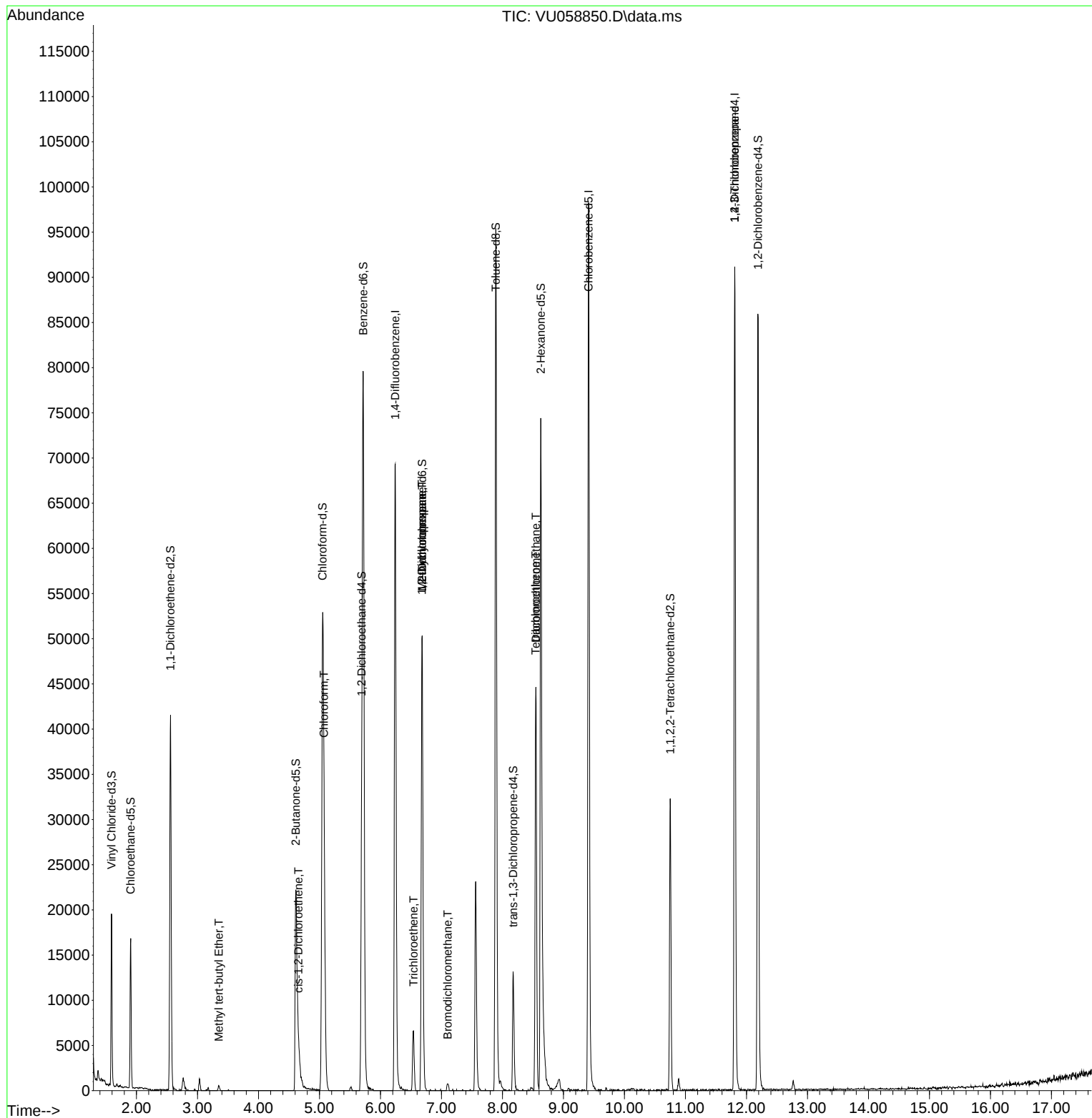
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	54848	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	54063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12793	2.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.904	69	11240	3.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.557	65	8275	3.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.612	46	35928	47.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	5.049	84	44835	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.692	65	24255	5.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
32) Benzene-d6	5.718	84	72117	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.682	67	21760	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.891	98	63944	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.174	79	8257	4.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	24630	44.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14358	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	23004	5.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.351	73	850	0.094	ug/L #	62
22) cis-1,2-Dichloroethene	4.657	96	782	0.178	ug/L #	85
25) Chloroform	5.075	83	19979	2.269	ug/L	100
34) Trichloroethene	6.541	95	2451	0.482	ug/L	97
35) Methylcyclohexane	6.682	83	5979	0.773	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	2763	0.565	ug/L #	89
38) Bromodichloromethane	7.100	83	911	0.151	ug/L #	97
47) Tetrachloroethene	8.544	164	9867	2.762	ug/L	91
49) Dibromochloromethane	8.547	129	9469	2.876	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	2830	1.257	ug/L #	63

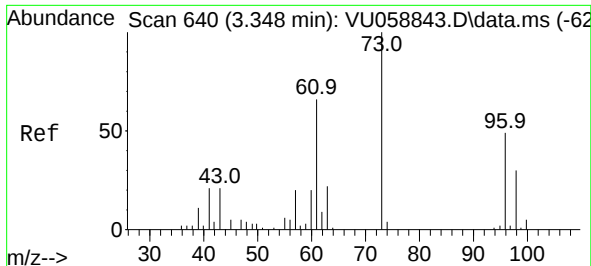
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
Data File : VU058850.D
Acq On : 07 May 2024 19:10
Operator : MD/SY
Sample : P2392-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

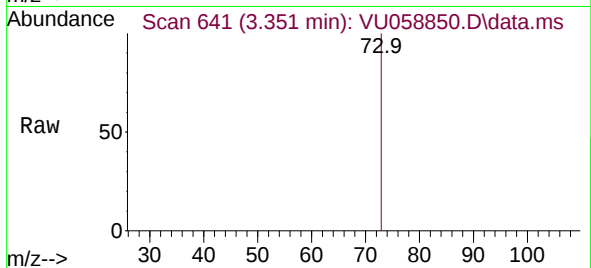
Quant Time: May 08 05:12:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 08 05:10:37 2024
Response via : Initial Calibration



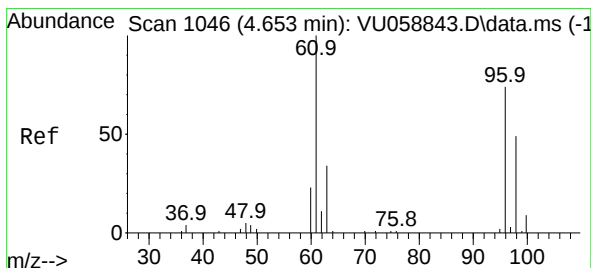
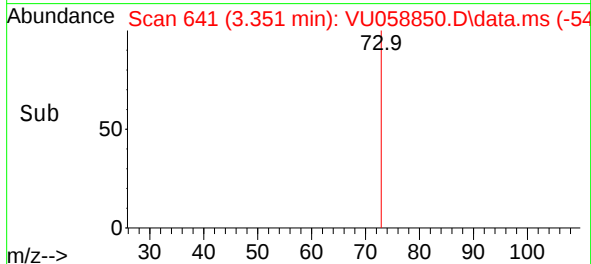
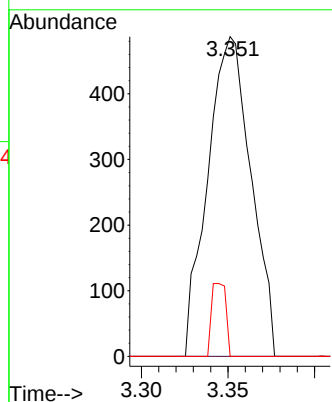


#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058850.D
Acq: 07 May 2024 19:10

Instrument :
MSVOA_U
ClientSampleId :

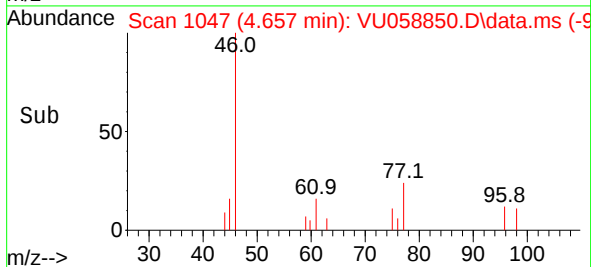
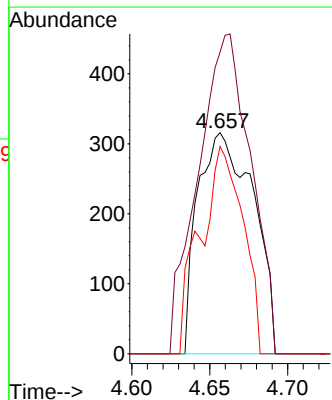
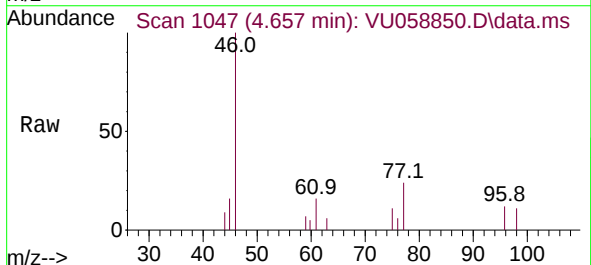


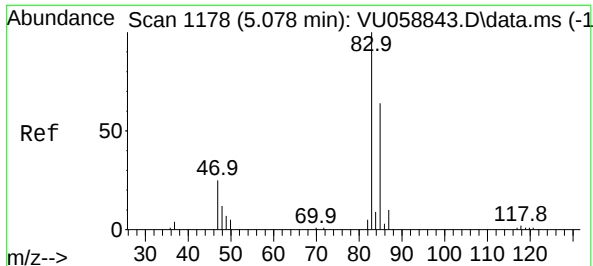
Tgt Ion: 73 Resp: 850
Ion Ratio Lower Upper
73 100
43 0.0 17.7 26.5#
57 7.4 17.0 25.4#



#22
cis-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU058850.D
Acq: 07 May 2024 19:10

Tgt Ion: 96 Resp: 782
Ion Ratio Lower Upper
96 100
61 136.4 100.4 186.4
98 93.7 45.1 83.7#





#25

Chloroform

Concen: 2.269 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058850.D

Acq: 07 May 2024 19:10

Instrument :

MSVOA_U

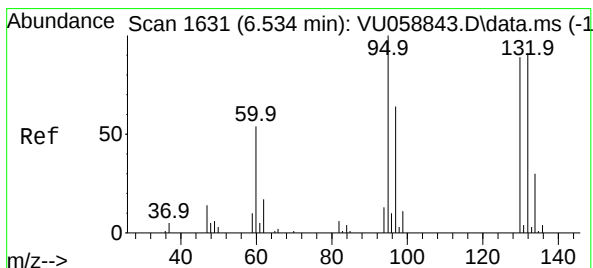
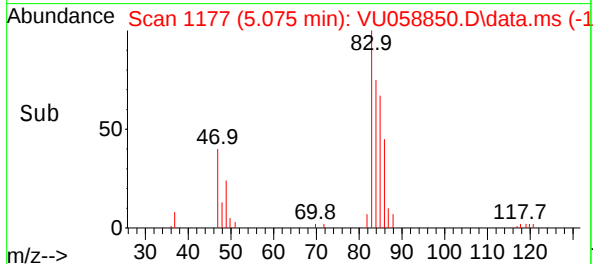
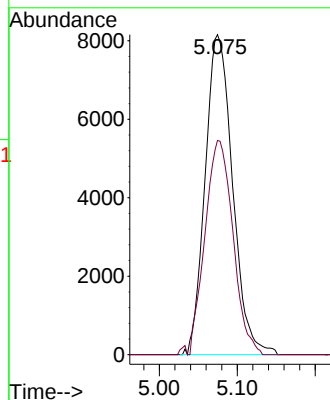
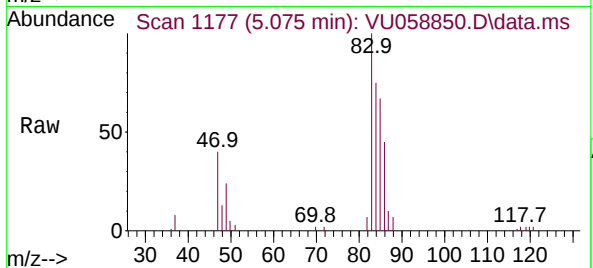
ClientSampleId :

Tgt Ion: 83 Resp: 19979

Ion Ratio Lower Upper

83 100

85 66.9 47.0 87.4



#34

Trichloroethene

Concen: 0.482 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.007 min

Lab File: VU058850.D

Acq: 07 May 2024 19:10

Tgt Ion: 95 Resp: 2451

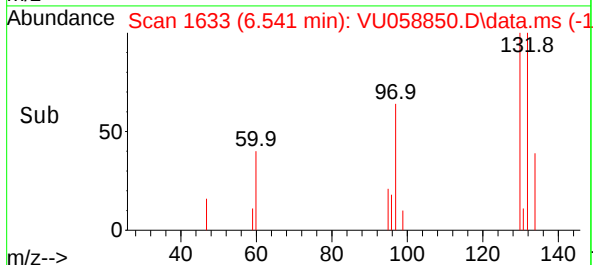
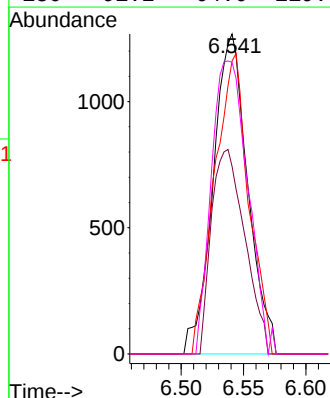
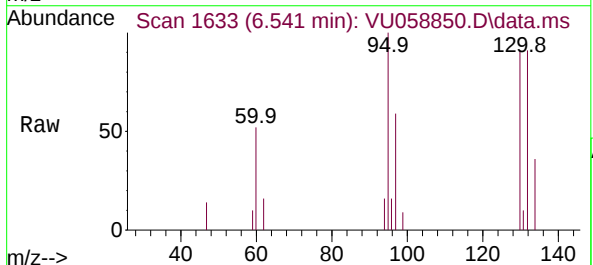
Ion Ratio Lower Upper

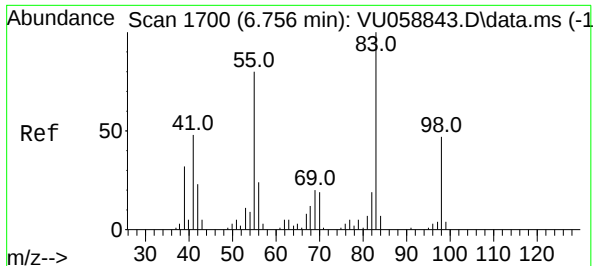
95 100

97 58.7 44.4 82.4

132 91.5 61.6 114.4

130 91.2 64.0 119.0





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058850.D

Acq: 07 May 2024 19:10

Instrument :

MSVOA_U

ClientSampleId :

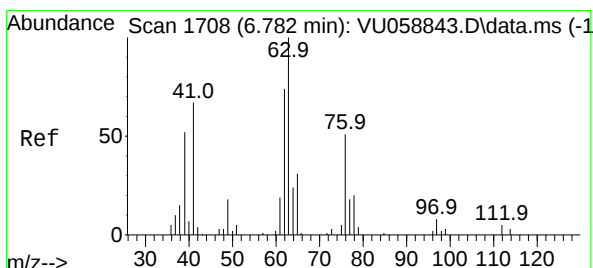
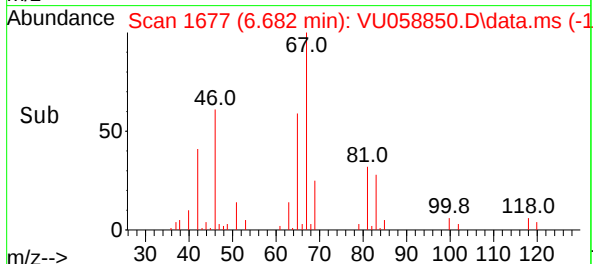
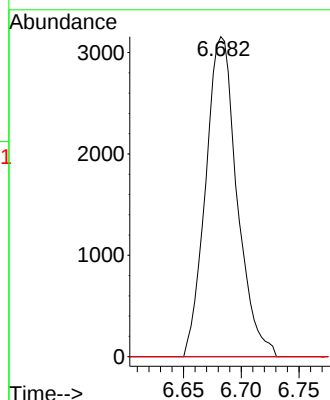
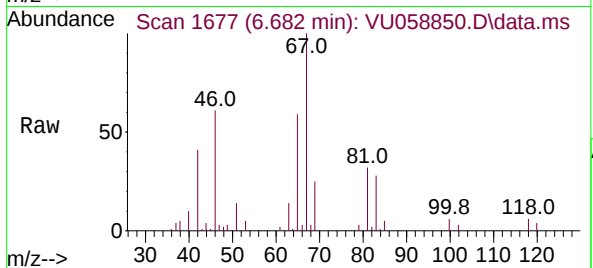
Tgt Ion: 83 Resp: 5979

Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 2.5 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU058850.D

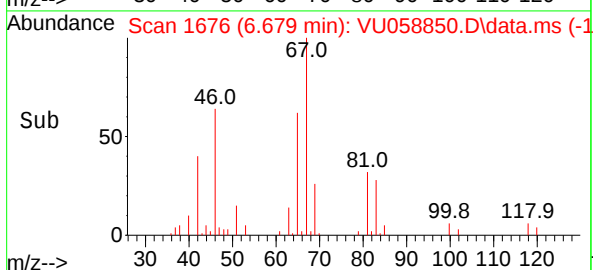
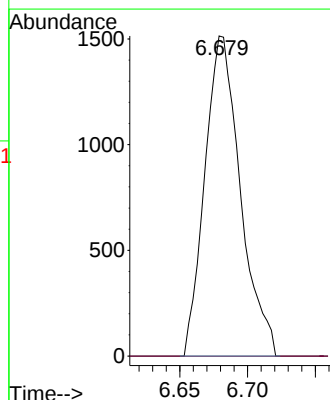
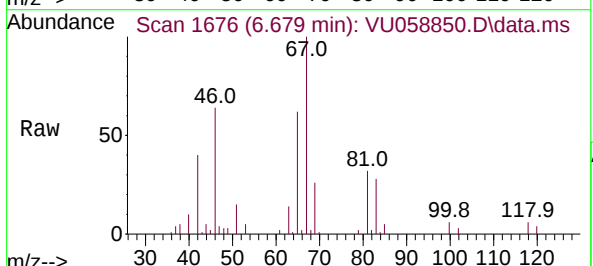
Acq: 07 May 2024 19:10

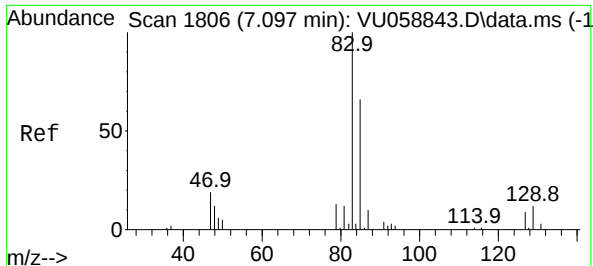
Tgt Ion: 63 Resp: 2763

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#38

Bromodichloromethane

Concen: 0.151 ug/L

RT: 7.100 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU058850.D

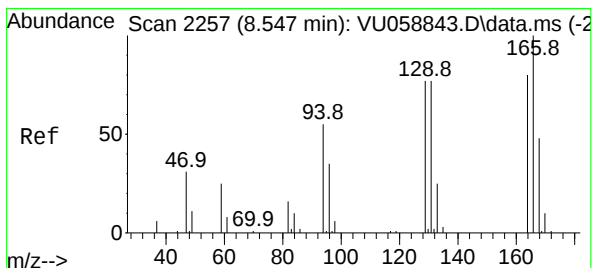
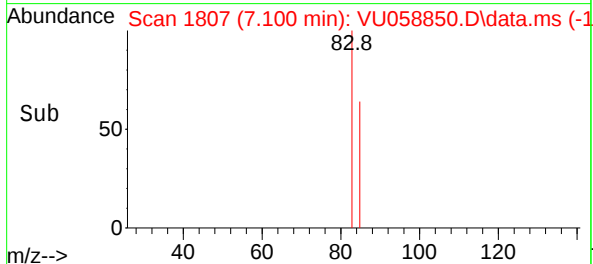
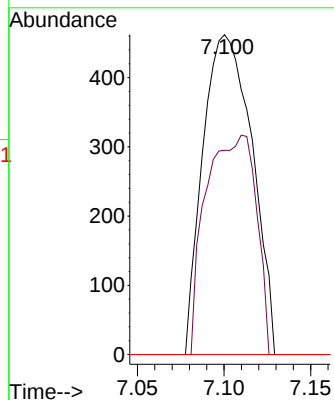
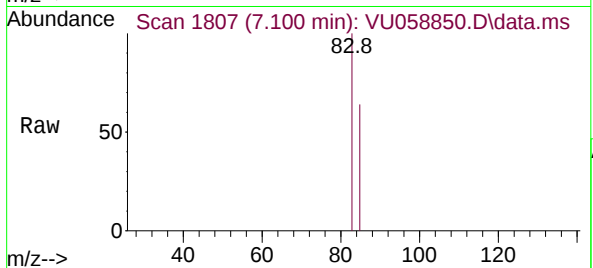
Acq: 07 May 2024 19:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	911
Ion Ratio	Lower	Upper
83	100	
85	63.9	45.2 84.0
127	0.0	6.3 9.5#



#47

Tetrachloroethene

Concen: 2.762 ug/L

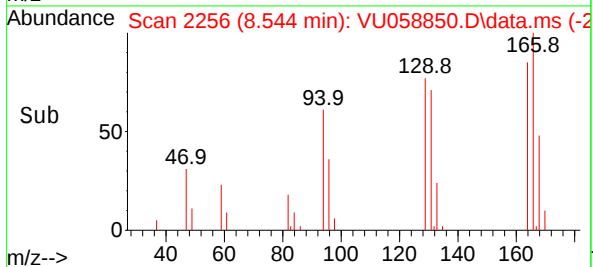
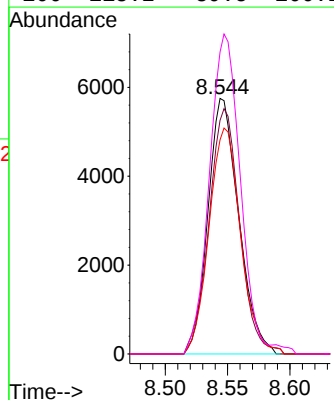
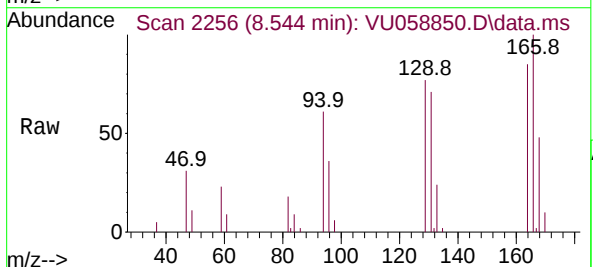
RT: 8.544 min Scan# 2256

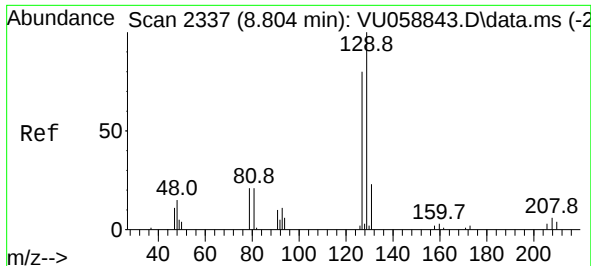
Delta R.T. -0.003 min

Lab File: VU058850.D

Acq: 07 May 2024 19:10

Tgt Ion: 164	Resp:	9867
Ion Ratio	Lower	Upper
164	100	
129	91.4	71.5 132.9
131	83.8	65.0 120.6
166	118.2	89.5 166.1





#49

Dibromochloromethane

Concen: 2.876 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

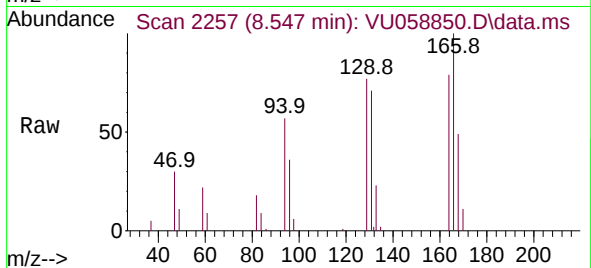
Lab File: VU058850.D

Acq: 07 May 2024 19:10

Instrument :

MSVOA_U

ClientSampleId :

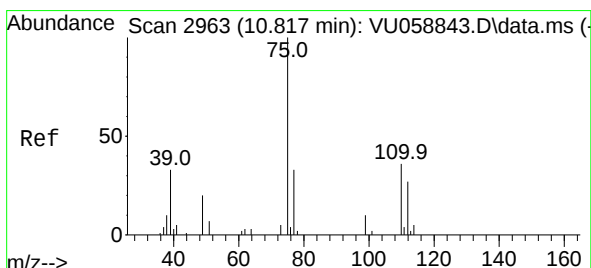
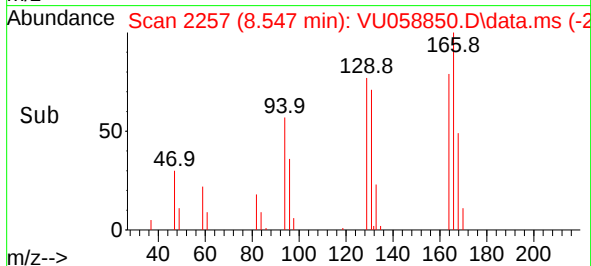
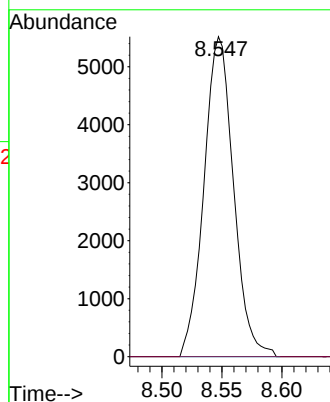


Tgt Ion:129 Resp: 9469

Ion Ratio Lower Upper

129 100

127 0.0 51.0 94.8#



#61

1,2,3-Trichloropropane

Concen: 1.257 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058850.D

Acq: 07 May 2024 19:10

Tgt Ion: 75 Resp: 2830

Ion Ratio Lower Upper

75 100

110 1.6 28.6 43.0#

77 39.3 25.4 38.2#

