

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058842.D
 Acq On : 07 May 2024 13:19
 Operator : MD/SY
 Sample : P2392-06DL 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 04:56:07 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)

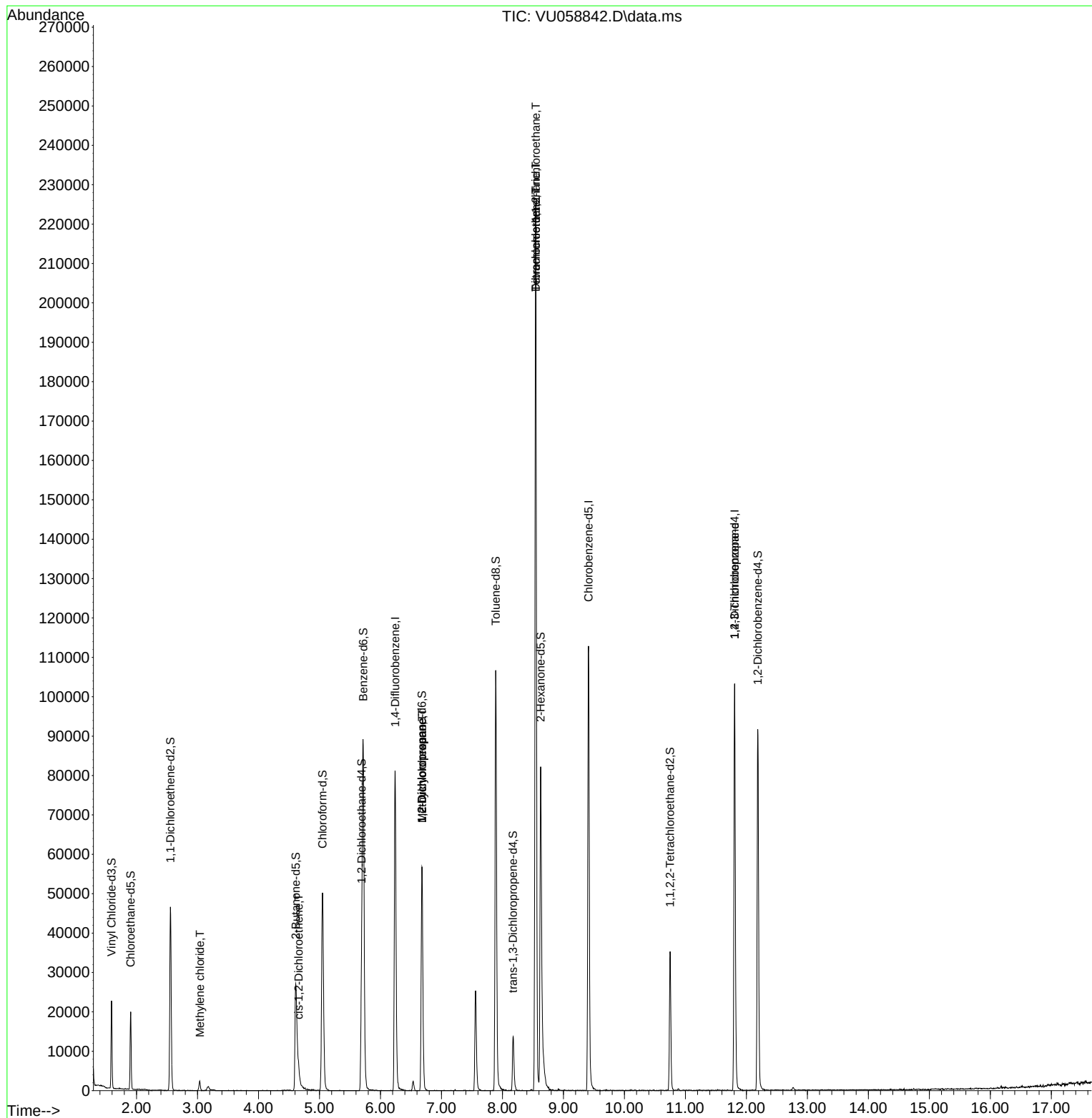
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	62606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	14891	2.943	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.904	69	13019	3.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.557	65	9399	3.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.611	46	39509	44.441	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.880%
24) Chloroform-d	5.049	84	49463	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.692	65	25206	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.717	84	82722	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.679	67	23895	4.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.891	98	71296	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.174	79	9105	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	28179	43.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16155	4.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	25088	5.147	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	1153	0.229	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	1118	0.217	ug/L	89
35) Methylcyclohexane	6.682	83	6276	0.701	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3133	0.554	ug/L #	89
45) 1,1,2-Trichloroethane	8.550	97	372	0.114	ug/L #	4
47) Tetrachloroethene	8.547	164	47484	11.480	ug/L	96
49) Dibromochloromethane	8.547	129	46911	12.304	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3225	1.267	ug/L #	67

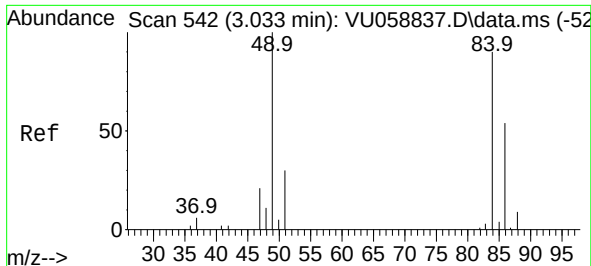
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

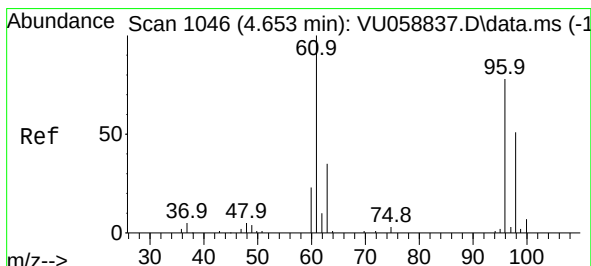
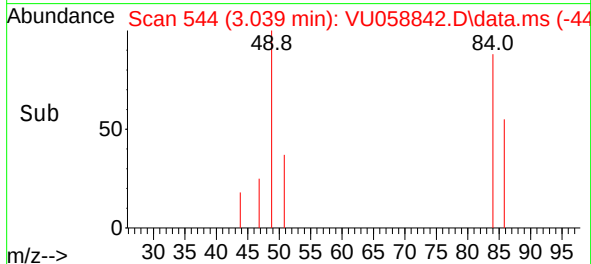
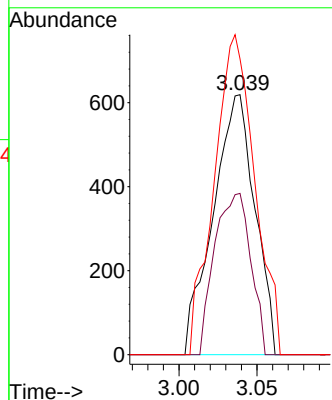
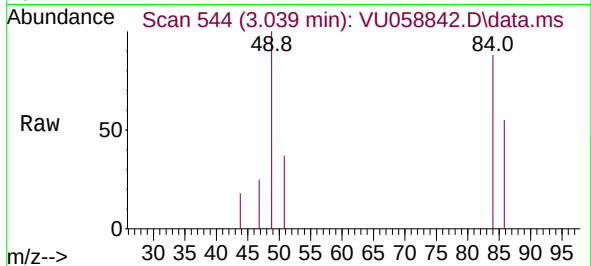




#16
Methylene chloride
Concen: 0.229 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU058842.D
Acq: 07 May 2024 13:19

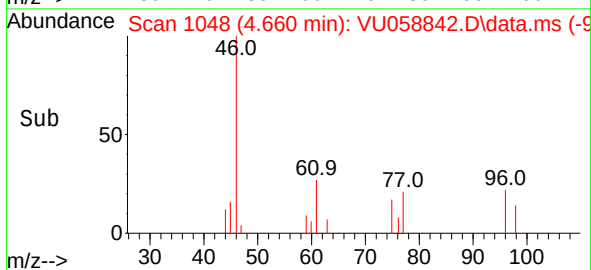
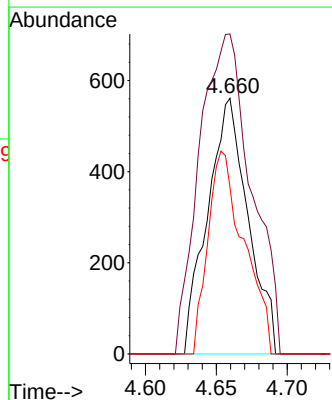
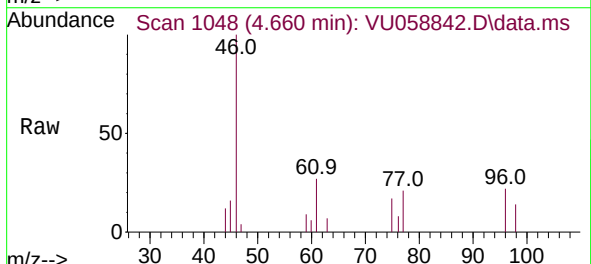
Instrument :
MSVOA_U
ClientSampleId :

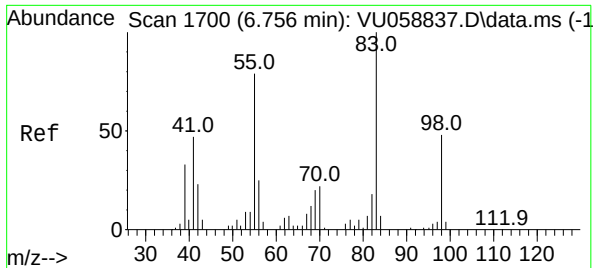
Tgt Ion: 84 Resp: 1153
Ion Ratio Lower Upper
84 100
86 62.0 45.0 83.6
49 113.7 91.6 170.2



#22
cis-1,2-Dichloroethene
Concen: 0.217 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU058842.D
Acq: 07 May 2024 13:19

Tgt Ion: 96 Resp: 1118
Ion Ratio Lower Upper
96 100
61 125.1 100.4 186.4
98 65.2 45.1 83.7





#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058842.D

Acq: 07 May 2024 13:19

Instrument :

MSVOA_U

ClientSampleId :

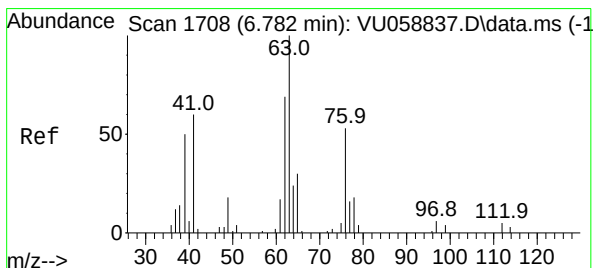
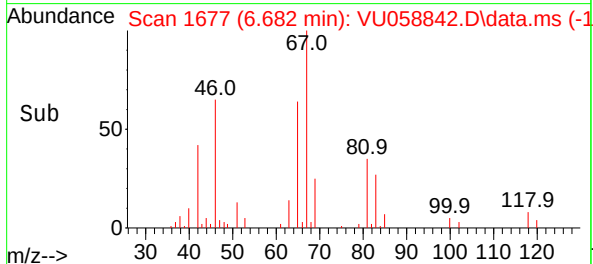
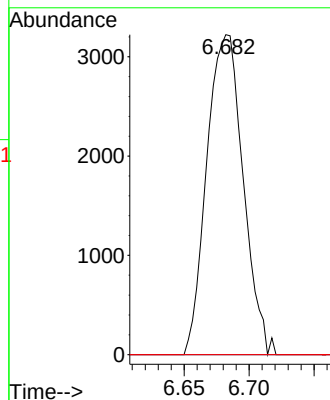
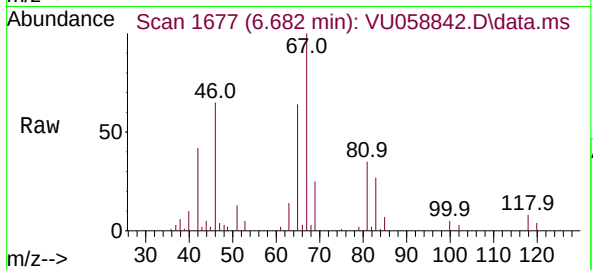
Tgt Ion: 83 Resp: 6276

Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 0.4 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058842.D

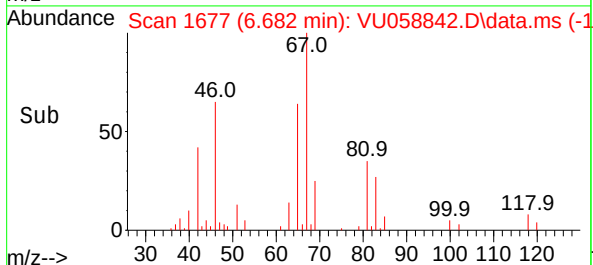
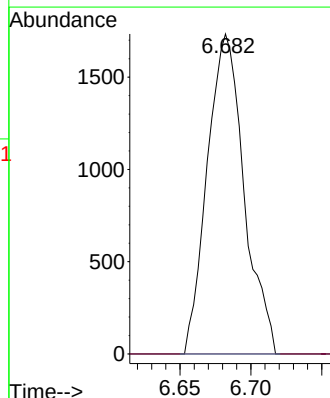
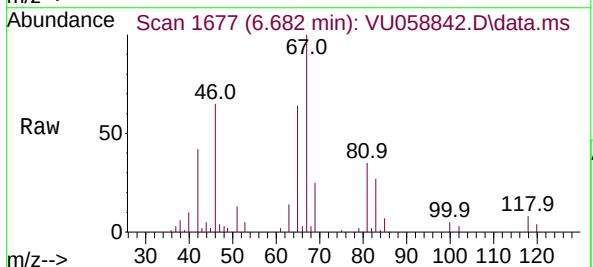
Acq: 07 May 2024 13:19

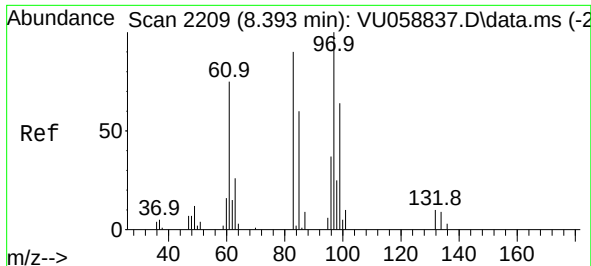
Tgt Ion: 63 Resp: 3133

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



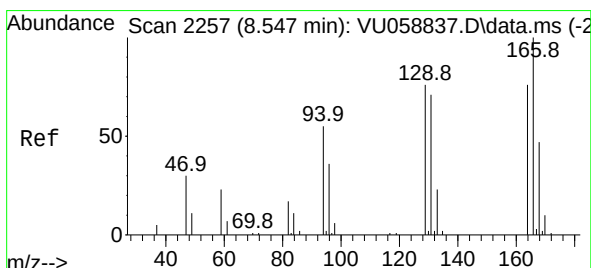
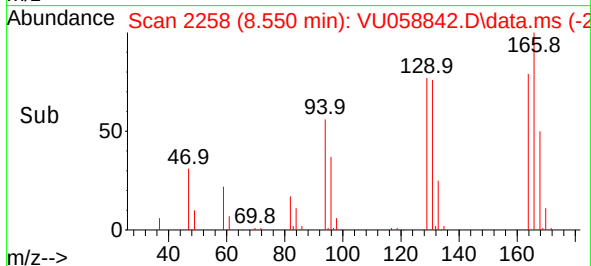
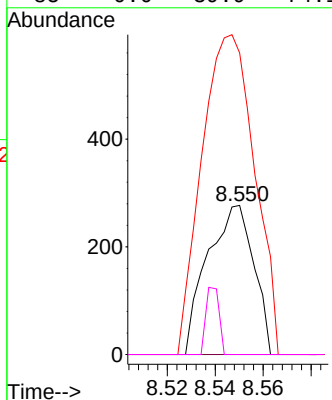
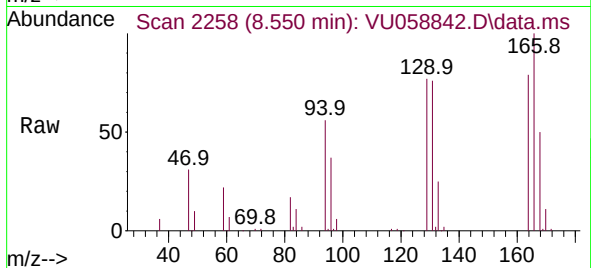


#45
1,1,2-Trichloroethane
Concen: 0.114 ug/L
RT: 8.550 min Scan# 2209
Delta R.T. 0.157 min
Lab File: VU058842.D
Acq: 07 May 2024 13:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 372

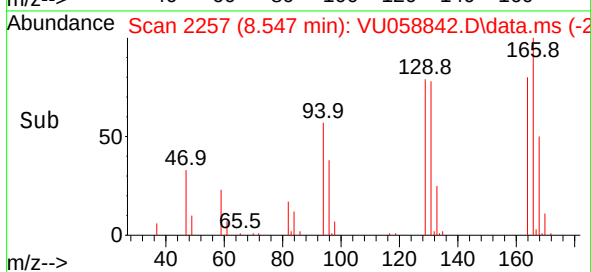
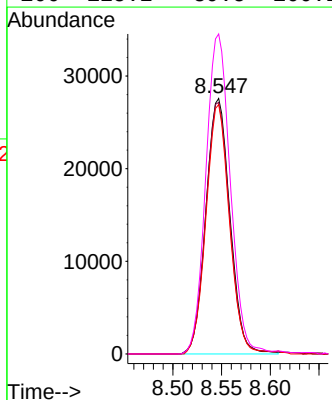
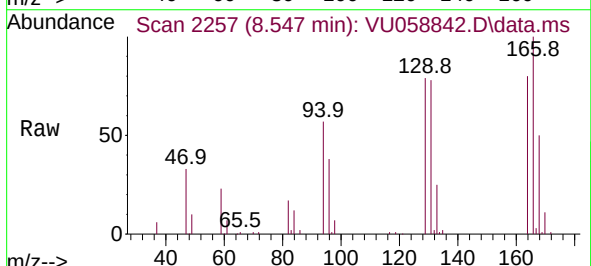
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.7	81.1#
83	202.2	62.9	116.9#
85	0.0	39.9	74.1#

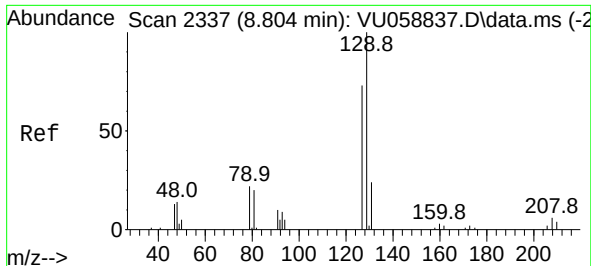


#47
Tetrachloroethene
Concen: 11.480 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058842.D
Acq: 07 May 2024 13:19

Tgt Ion: 164 Resp: 47484

Ion	Ratio	Lower	Upper
164	100		
129	98.4	71.5	132.9
131	97.6	65.0	120.6
166	125.2	89.5	166.1





#49

Dibromochloromethane

Concen: 12.304 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU058842.D

Acq: 07 May 2024 13:19

Instrument :

MSVOA_U

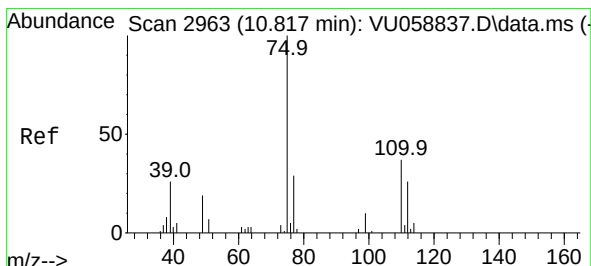
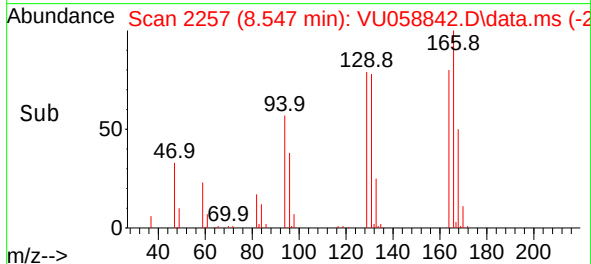
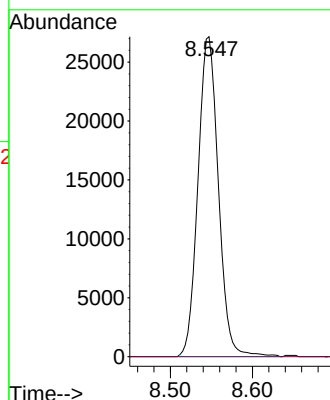
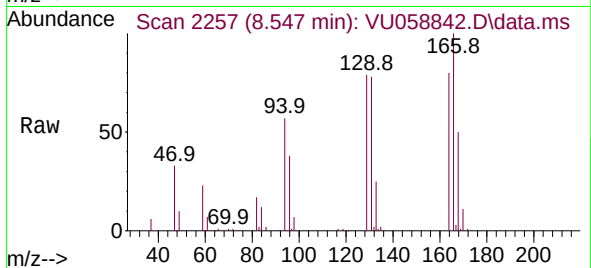
ClientSampleId :

Tgt Ion:129 Resp: 46911

Ion Ratio Lower Upper

129 100

127 0.0 51.0 94.8#



#61

1,2,3-Trichloropropane

Concen: 1.267 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058842.D

Acq: 07 May 2024 13:19

Tgt Ion: 75 Resp: 3225

Ion Ratio Lower Upper

75 100

110 2.3 28.6 43.0#

77 34.9 25.4 38.2

