

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058833.D
 Acq On : 06 May 2024 15:00
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:11:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

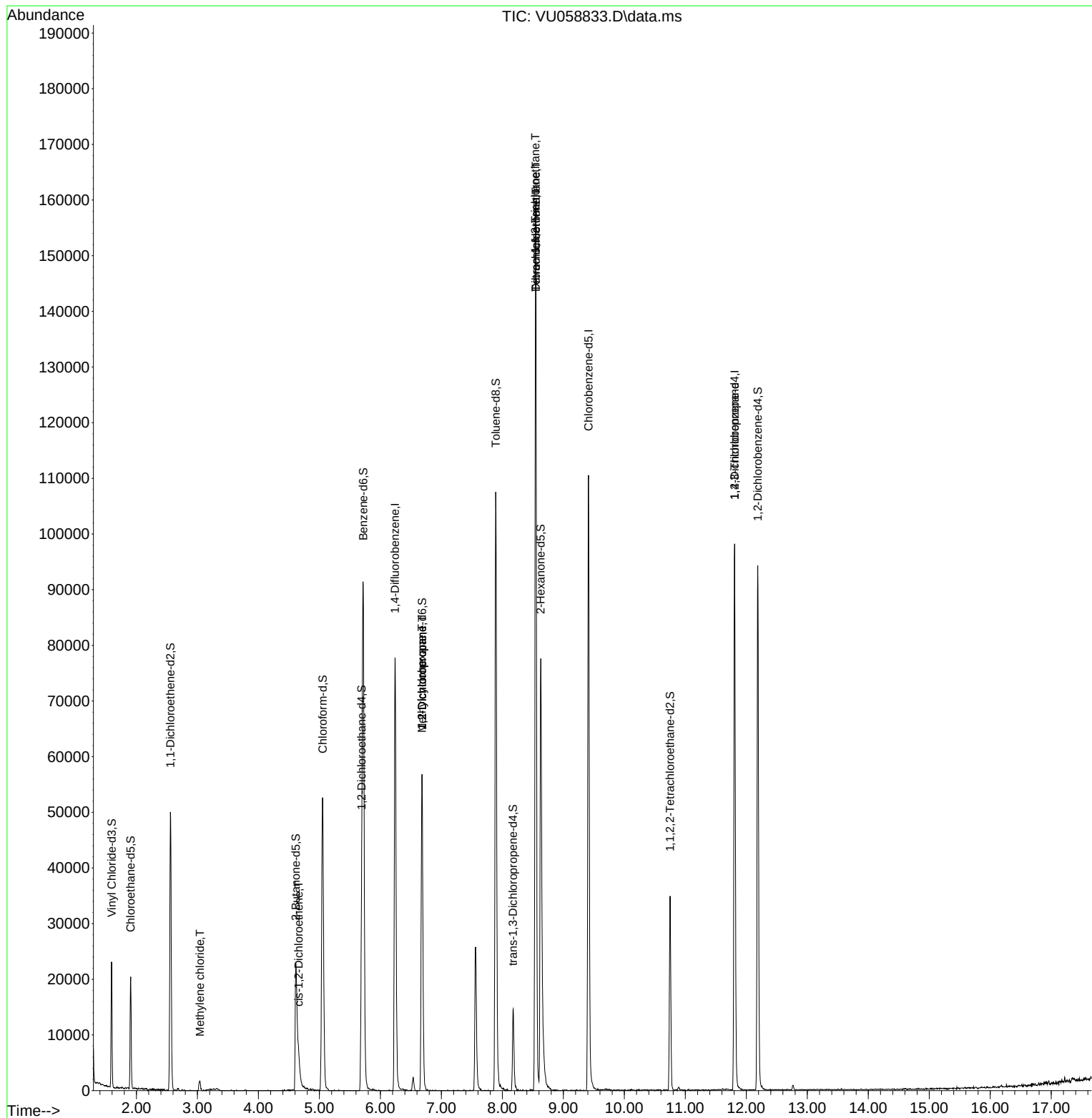
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	61840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15590	3.205	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.904	69	13105	3.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.557	65	10120	4.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.612	46	37660	44.067	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.140%
24) Chloroform-d	5.052	84	50679	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.692	65	25430	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.718	84	84636	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.682	67	24375	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.891	98	74813	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	9347	4.433	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.627	63	26588	42.552	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16500	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	24449	5.331	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	1033	0.213	ug/L	78
22) cis-1,2-Dichloroethene	4.660	96	1318	0.266	ug/L	88
35) Methylcyclohexane	6.679	83	6461	0.740	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	3345	0.607	ug/L #	89
45) 1,1,2-Trichloroethane	8.541	97	355	0.112	ug/L #	19
47) Tetrachloroethene	8.547	164	33460	8.302	ug/L	98
49) Dibromochloromethane	8.547	129	32843	8.840	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3160	1.319	ug/L #	67

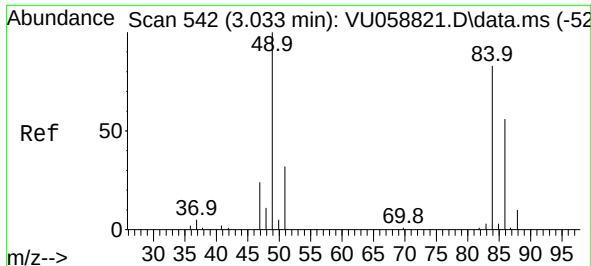
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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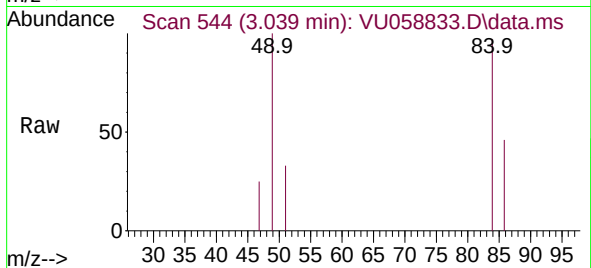
Quant Time: May 07 01:11:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
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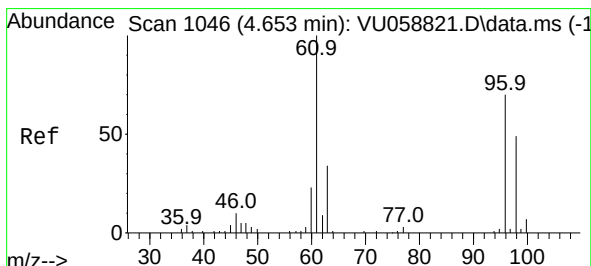
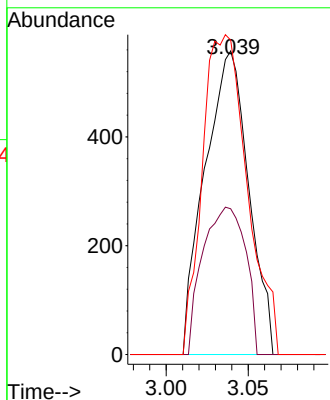
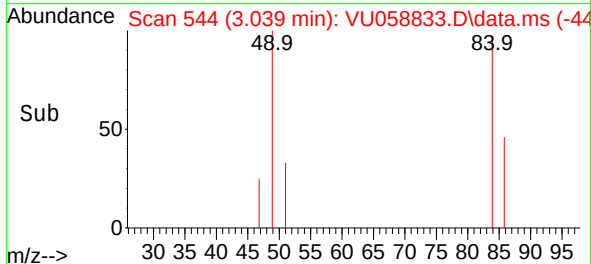


#16
Methylene chloride
Concen: 0.213 ug/L
RT: 3.039 min Scan# 542
Delta R.T. 0.006 min
Lab File: VU058833.D
Acq: 06 May 2024 15:00

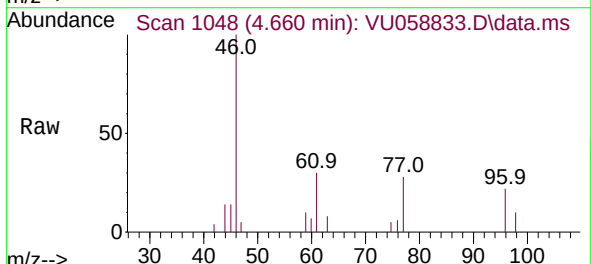
Instrument :
MSVOA_U
ClientSampleId :



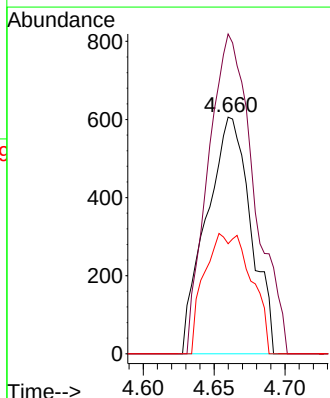
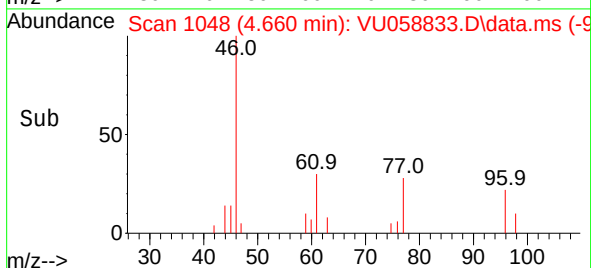
Tgt Ion: 84 Resp: 1033
Ion Ratio Lower Upper
84 100
86 48.0 45.0 83.6
49 103.6 91.6 170.2

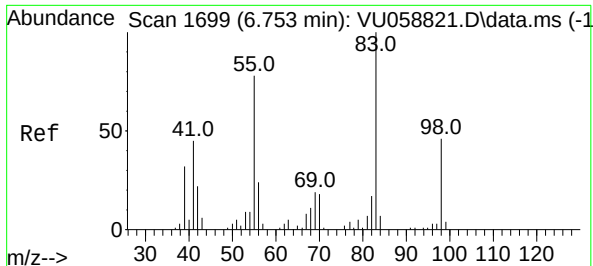


#22
cis-1,2-Dichloroethene
Concen: 0.266 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU058833.D
Acq: 06 May 2024 15:00



Tgt Ion: 96 Resp: 1318
Ion Ratio Lower Upper
96 100
61 135.1 100.4 186.4
98 46.5 45.1 83.7





#35

Methylcyclohexane

Concen: 0.740 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU058833.D

Acq: 06 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

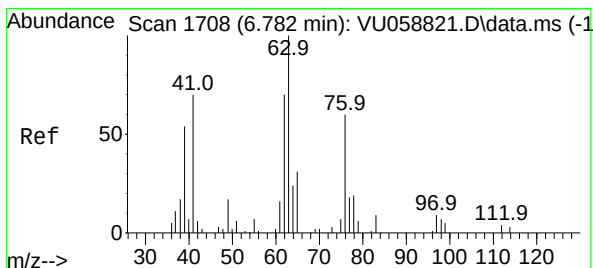
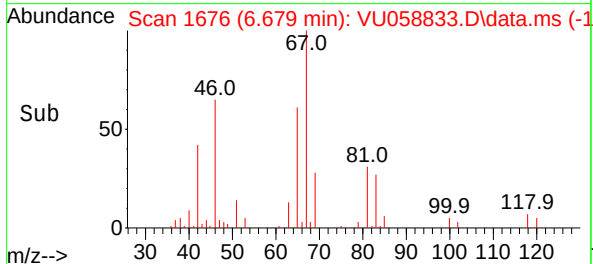
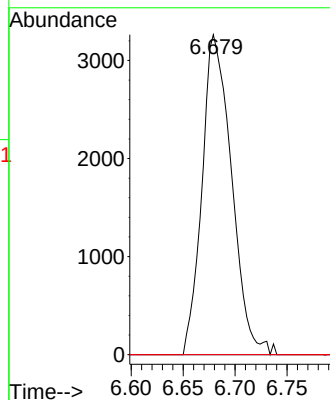
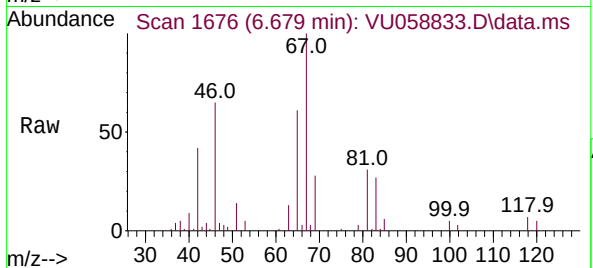
Tgt Ion: 83 Resp: 6461

Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 1.3 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058833.D

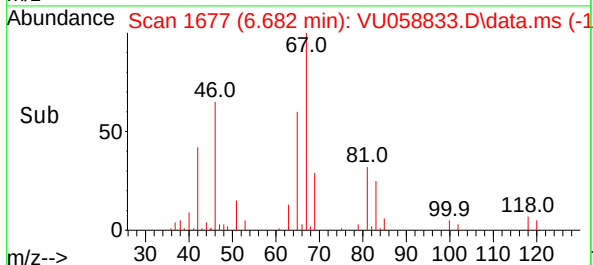
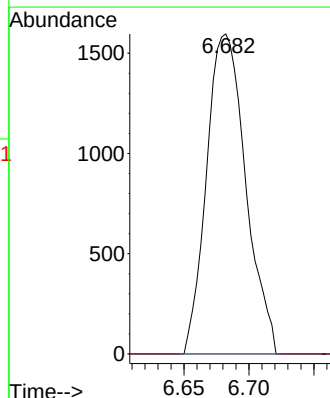
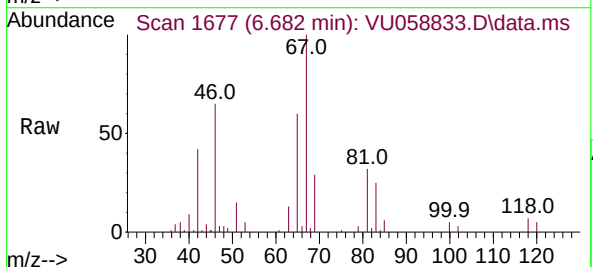
Acq: 06 May 2024 15:00

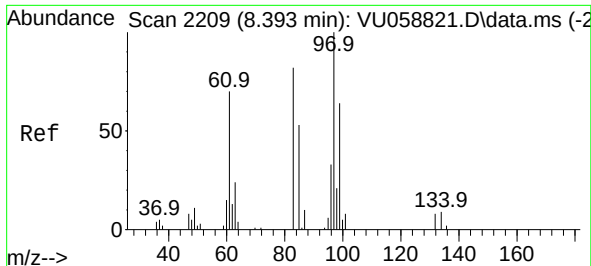
Tgt Ion: 63 Resp: 3345

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#45

1,1,2-Trichloroethane

Concen: 0.112 ug/L

RT: 8.541 min Scan# 2209

Delta R.T. 0.148 min

Lab File: VU058833.D

Acq: 06 May 2024 15:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 355

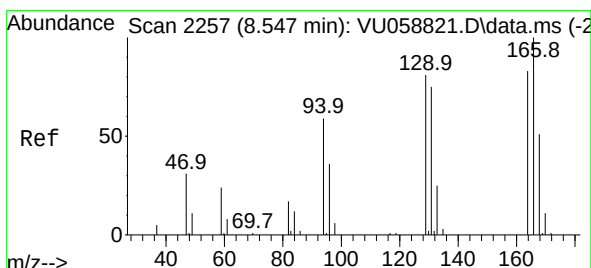
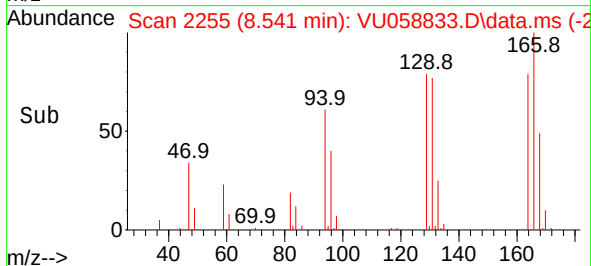
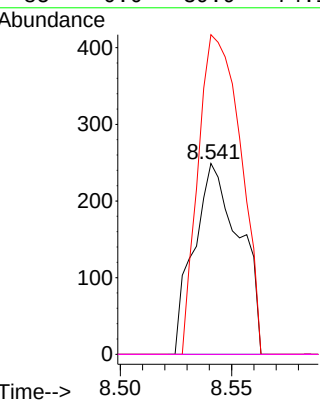
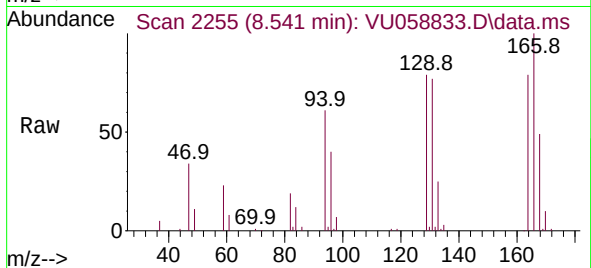
Ion Ratio Lower Upper

97 100

99 0.0 43.7 81.1#

83 167.5 62.9 116.9#

85 0.0 39.9 74.1#



#47

Tetrachloroethene

Concen: 8.302 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058833.D

Acq: 06 May 2024 15:00

Tgt Ion:164 Resp: 33460

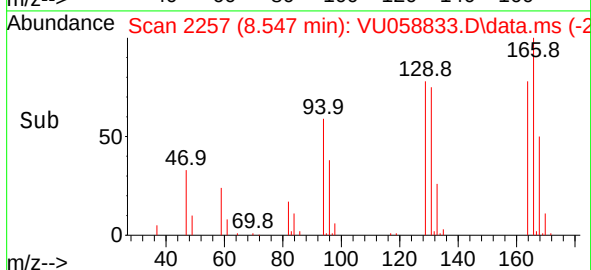
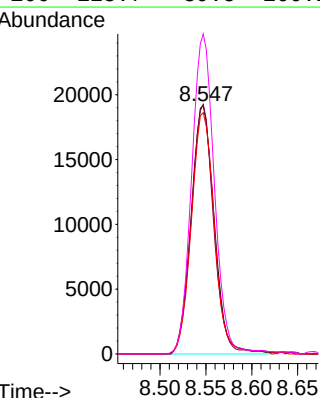
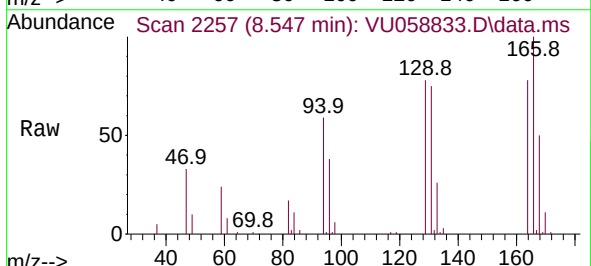
Ion Ratio Lower Upper

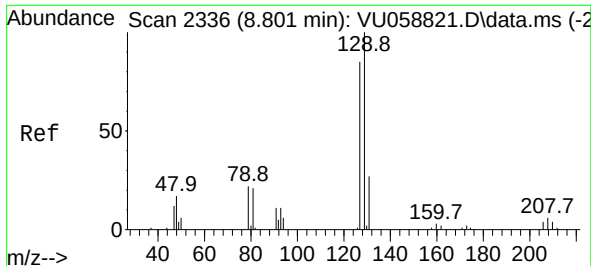
164 100

129 100.4 71.5 132.9

131 97.0 65.0 120.6

166 128.7 89.5 166.1





#49

Dibromochloromethane

Concen: 8.840 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058833.D

Acq: 06 May 2024 15:00

Instrument :

MSVOA_U

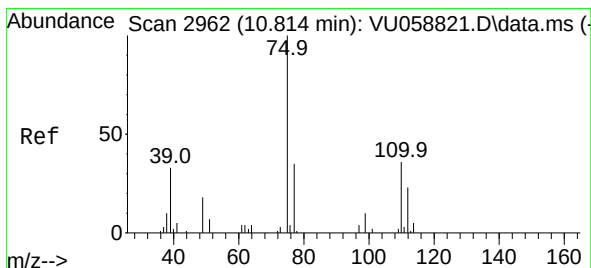
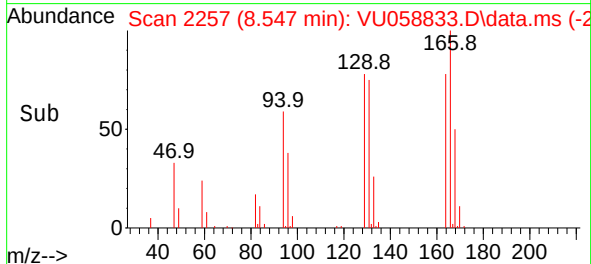
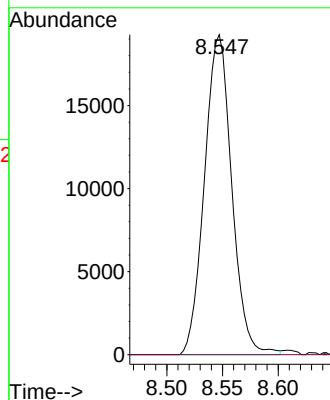
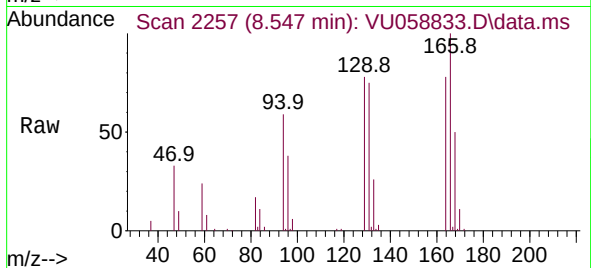
ClientSampleId :

Tgt Ion:129 Resp: 32843

Ion Ratio Lower Upper

129 100

127 0.0 51.0 94.8#



#61

1,2,3-Trichloropropane

Concen: 1.319 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU058833.D

Acq: 06 May 2024 15:00

Tgt Ion: 75 Resp: 3160

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 31.5 25.4 38.2

