

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060956.D
 Acq On : 20 Sep 2024 20:53
 Operator : MD/SY
 Sample : P4092-02DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:45:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

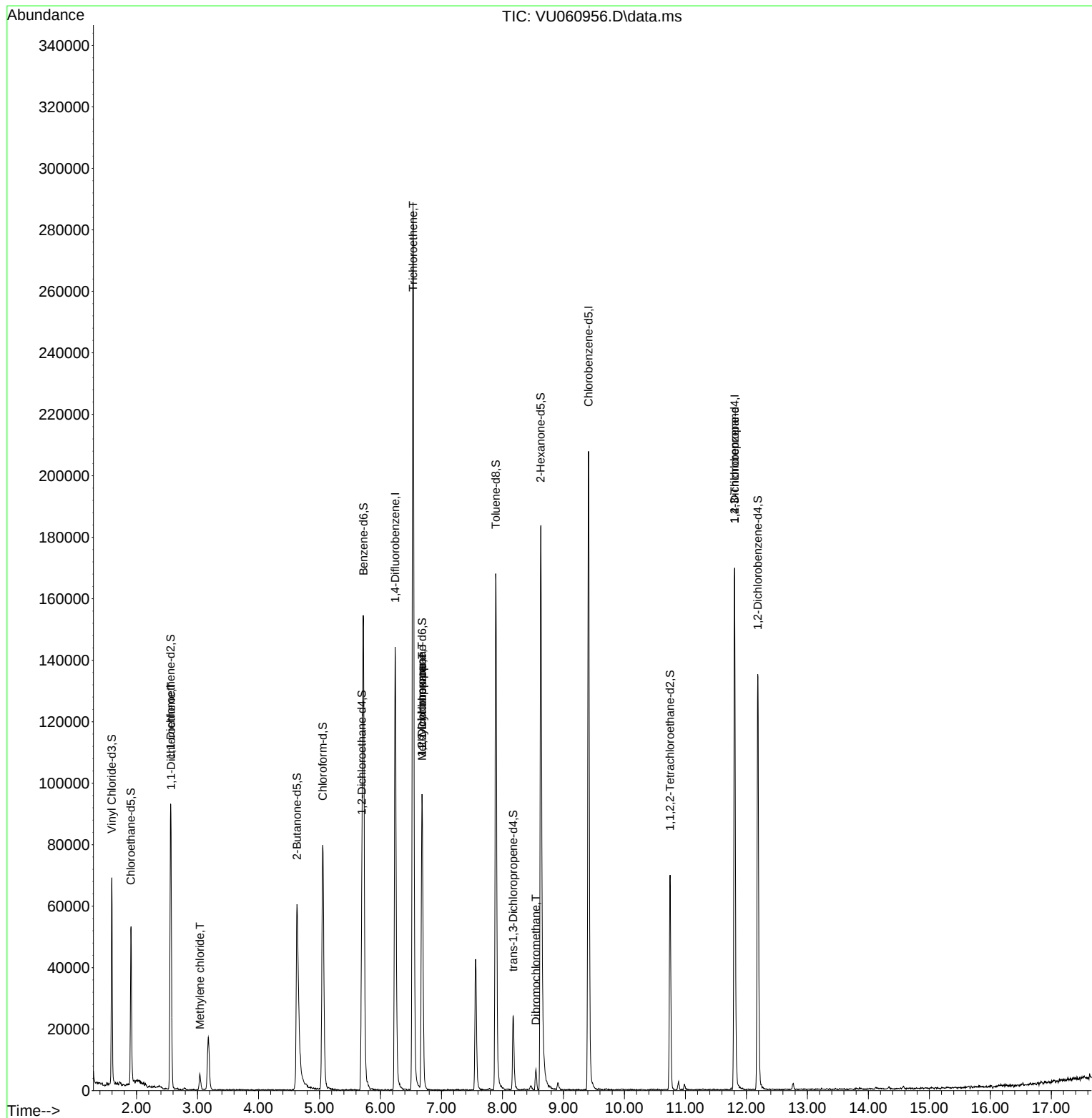
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	119813	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	124389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48696	4.519	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.907	69	38968	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.560	65	18333	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.631	46	82522	47.700	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.400%
24) Chloroform-d	5.055	84	77359	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.695	65	40929	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.721	84	149854	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.682	67	51165	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.891	98	121009	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.177	79	16004	4.310	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.627	63	66181	45.184	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37634	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	40327	4.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.566	96	1603	0.213	ug/L #	1
16) Methylene chloride	3.039	84	2313	0.265	ug/L	93
34) Trichloroethene	6.534	95	103968	11.596	ug/L	97
35) Methylcyclohexane	6.685	83	11679	0.949	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	5018	0.532	ug/L #	93
49) Dibromochloromethane	8.550	129	1359	0.175	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	5667	1.229	ug/L #	68

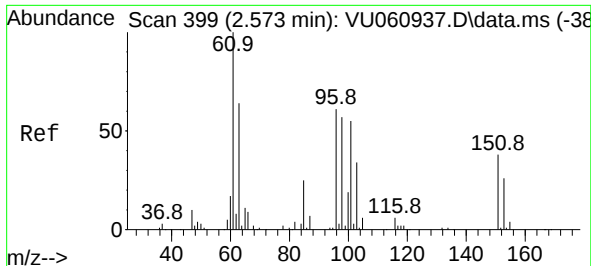
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.213 ug/L

RT: 2.566 min Scan# 399

Delta R.T. -0.007 min

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Acq: 20 Sep 2024 20:53

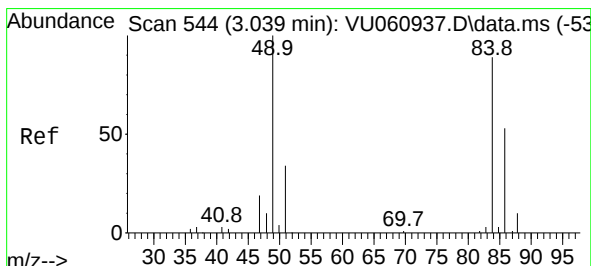
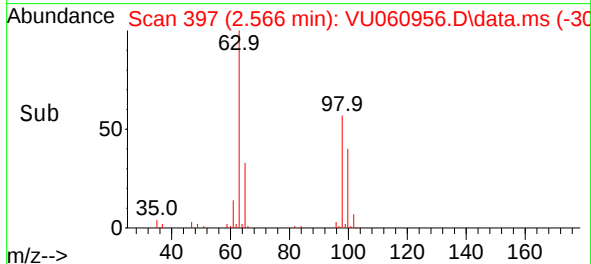
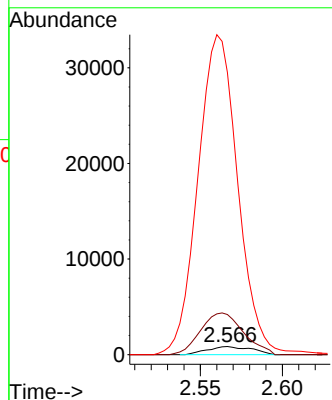
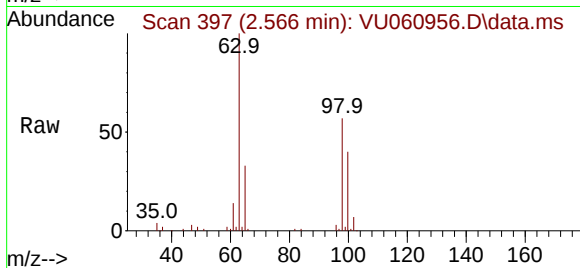
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1603

Ion	Ratio	Lower	Upper
96	100		
61	495.0	120.7	224.1#
63	3481.1	90.0	167.2#



#16

Methylene chloride

Concen: 0.265 ug/L

RT: 3.039 min Scan# 544

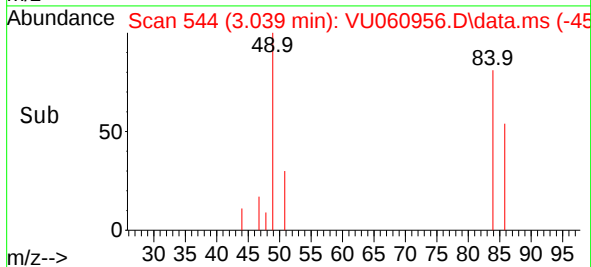
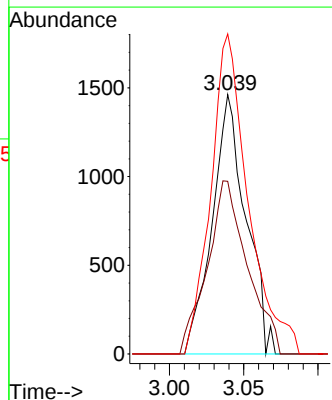
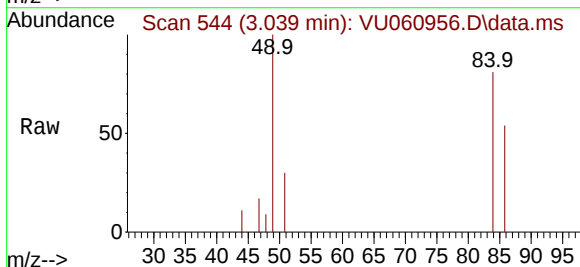
Delta R.T. -0.000 min

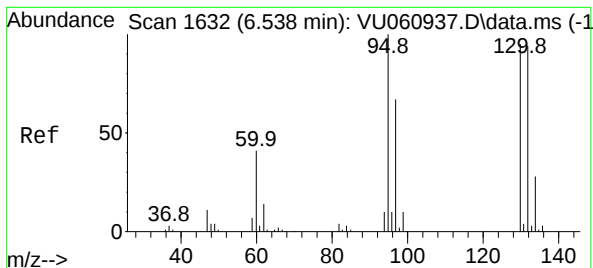
Lab File: VU060956.D

Acq: 20 Sep 2024 20:53

Tgt Ion: 84 Resp: 2313

Ion	Ratio	Lower	Upper
84	100		
86	66.6	47.3	87.8
49	123.4	78.7	146.1





#34

Trichloroethene

Concen: 11.596 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060956.D

Acq: 20 Sep 2024 20:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 103968

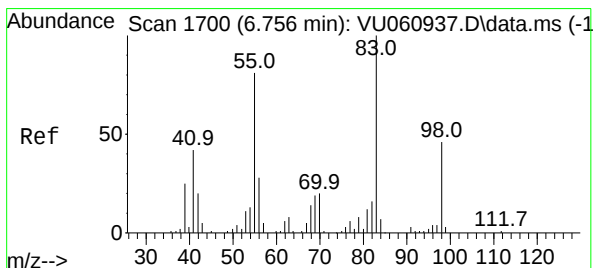
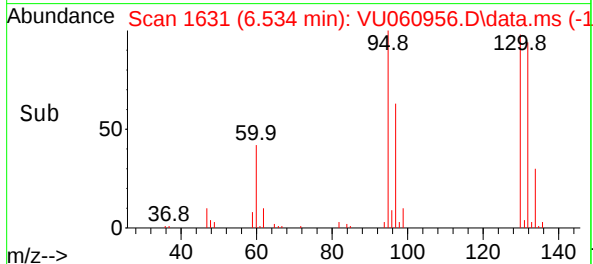
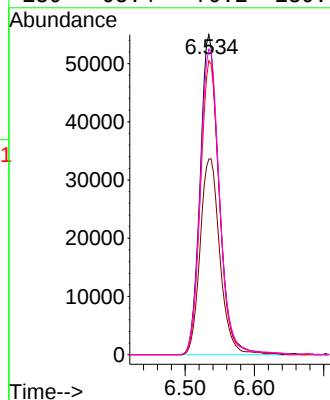
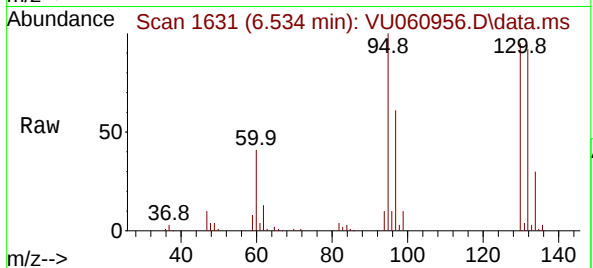
Ion Ratio Lower Upper

95 100

97 61.2 44.9 83.5

132 91.8 63.5 117.9

130 95.4 70.2 130.4



#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060956.D

Acq: 20 Sep 2024 20:53

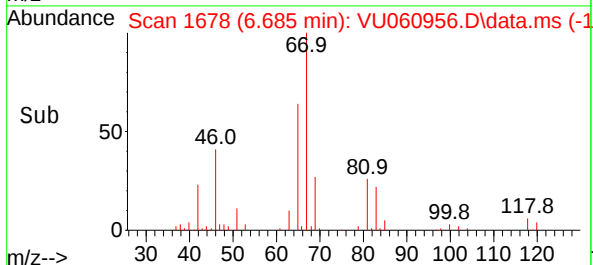
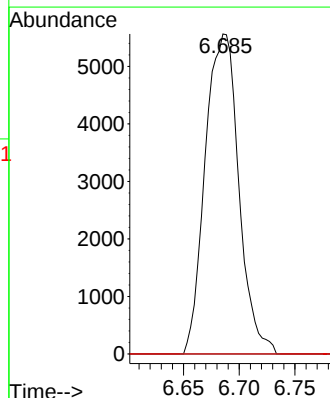
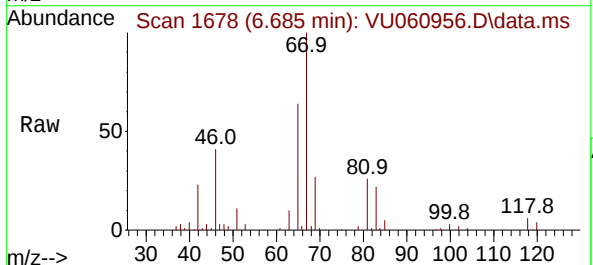
Tgt Ion: 83 Resp: 11679

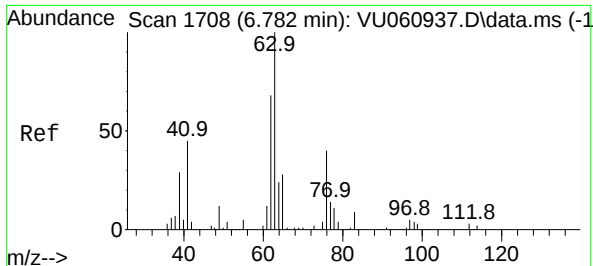
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.0 37.6 56.4#

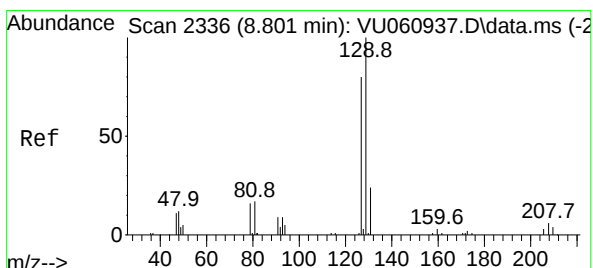
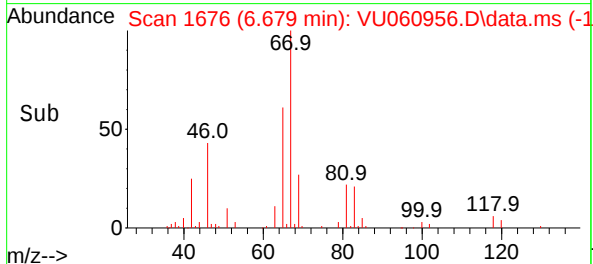
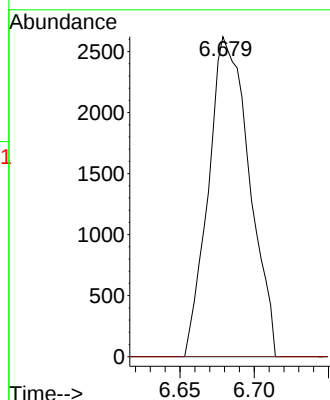
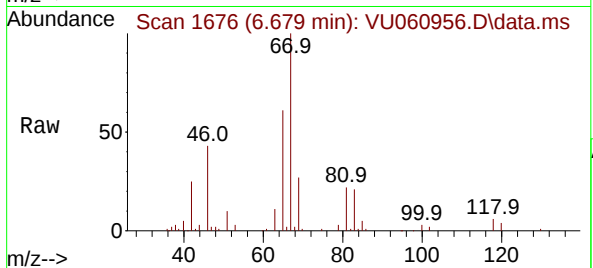




#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU060956.D
Acq: 20 Sep 2024 20:53

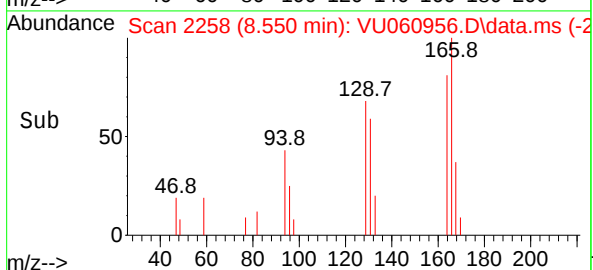
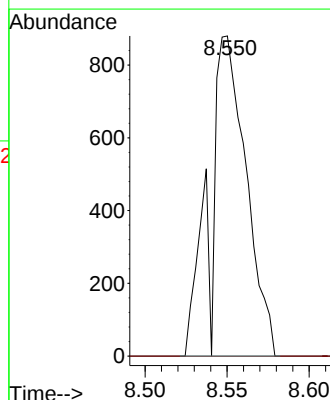
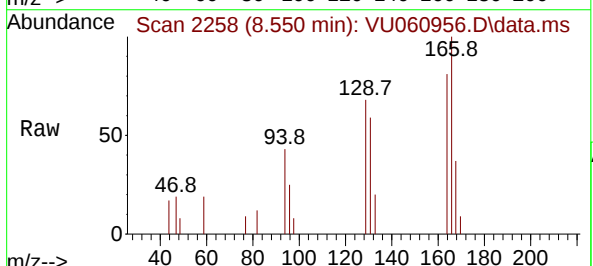
Instrument :
MSVOA_U
ClientSampleId :

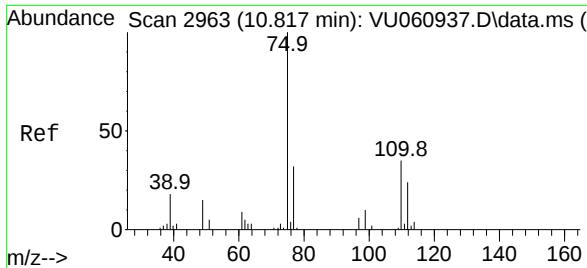
Tgt Ion: 63 Resp: 5018
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#49
Dibromochloromethane
Concen: 0.175 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.251 min
Lab File: VU060956.D
Acq: 20 Sep 2024 20:53

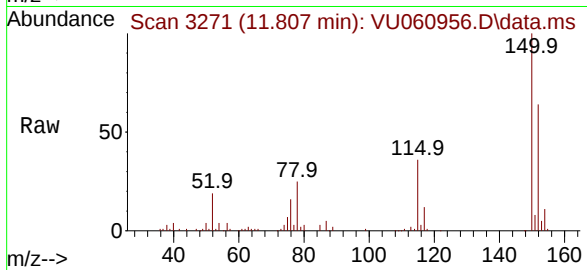
Tgt Ion:129 Resp: 1359
Ion Ratio Lower Upper
129 100
127 0.0 56.1 104.1#





#61
1,2,3-Trichloropropane
Concen: 1.229 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060956.D
Acq: 20 Sep 2024 20:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5667
Ion Ratio Lower Upper
75 100
110 0.4 28.6 43.0#
77 33.2 26.3 39.5

