

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059494.D
 Acq On : 26 Jun 2024 00:55
 Operator : MD/SY
 Sample : P3006-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:18:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

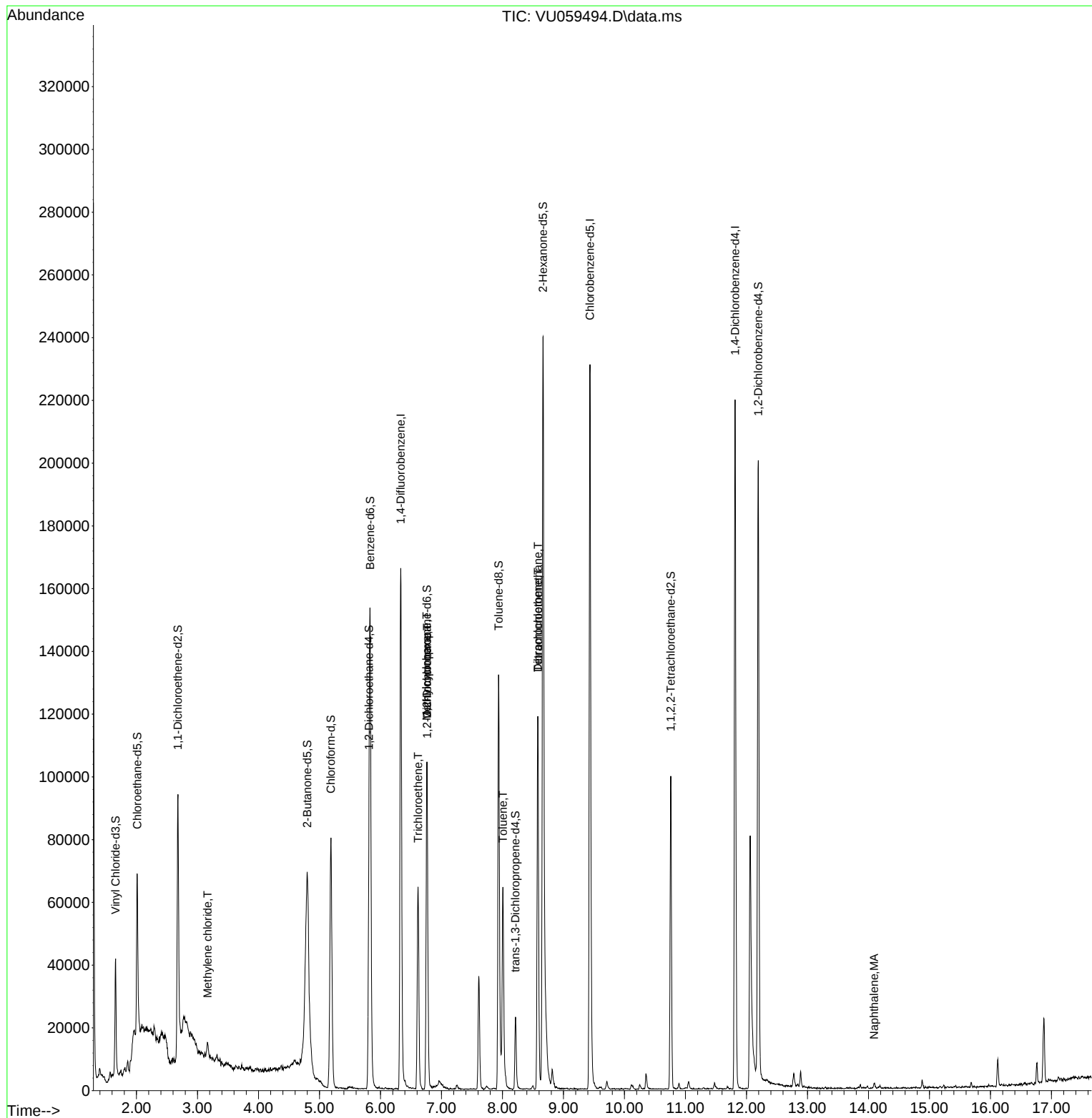
Internal Standards						
1) 1,4-Difluorobenzene	6.332	114	137938	5.000	ug/L	0.09
28) Chlorobenzene-d5	9.435	117	145042	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.814	152	64490	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.657	65	28591	2.981	ug/L	0.06
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	2.011	69	46896	5.081	ug/L	0.11
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.679	65	14717	3.698	ug/L	0.12
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.798	46	163459	82.734	ug/L	0.18
Spiked Amount	50.000	Range	40 - 130	Recovery	=	165.460%#
24) Chloroform-d	5.187	84	80274	4.077	ug/L	0.14
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.811	65	41610	4.388	ug/L	0.12
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.830	84	132374	3.316	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.400%#
36) 1,2-Dichloropropane-d6	6.763	67	50065	4.093	ug/L	0.08
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.936	98	98697	2.660	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.200%#
43) trans-1,3-Dichloroprop...	8.213	79	13517	3.529	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.663	63	90206	56.682	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.360%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	52030	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	56664	4.937	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.165	84	2019	0.174	ug/L	90
34) Trichloroethene	6.615	95	21559	1.807	ug/L	94
35) Methylcyclohexane	6.760	83	12238	0.721	ug/L #	18
37) 1,2-Dichloropropane	6.766	63	5746	0.504	ug/L #	90
42) Toluene	8.007	91	51860	1.112	ug/L	99
47) Tetrachloroethene	8.579	164	27861	3.010	ug/L	96
49) Dibromochloromethane	8.579	129	25698	2.762	ug/L #	12
71) Naphthalene	14.094	128	2084	0.127	ug/L #	84

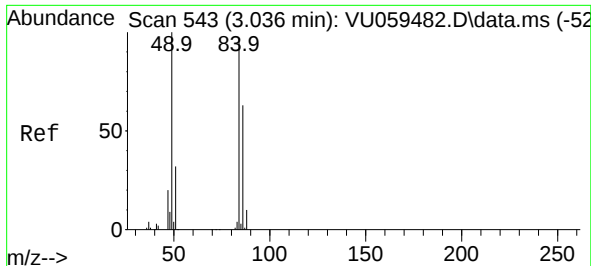
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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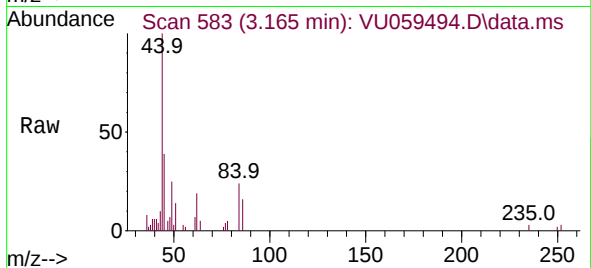
Quant Time: Jun 26 06:18:54 2024
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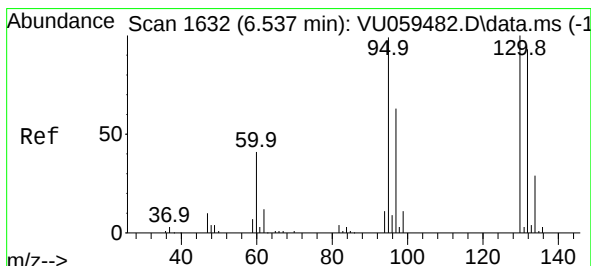
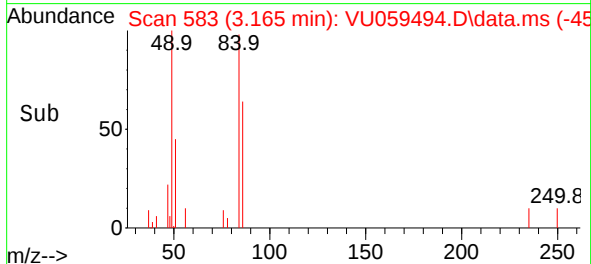
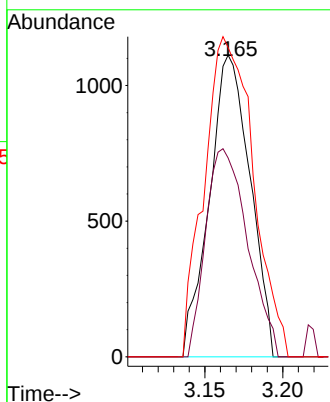
#16
Methylene chloride
Concen: 0.174 ug/L
RT: 3.165 min Scan# 50
Delta R.T. 0.129 min
Lab File: VU059494.D
Acq: 26 Jun 2024 00:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 2019

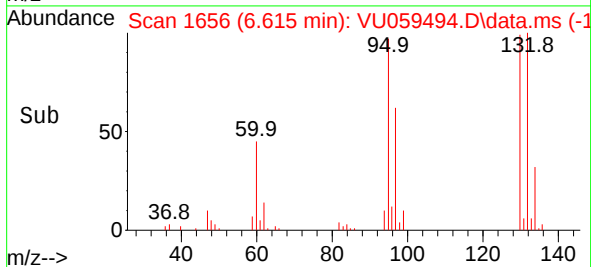
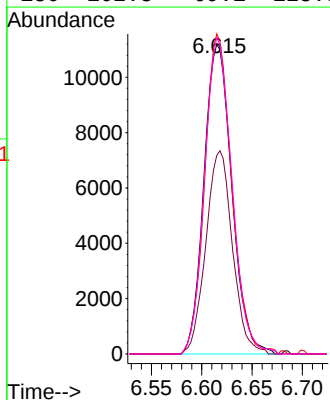
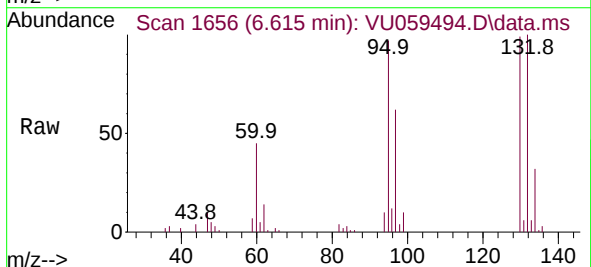
Ion	Ratio	Lower	Upper
84	100		
86	65.9	42.1	78.1
49	102.5	80.6	149.8

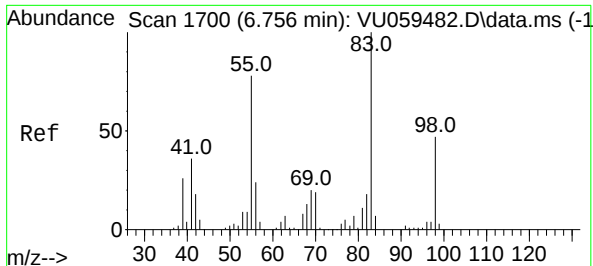


#34
Trichloroethene
Concen: 1.807 ug/L
RT: 6.615 min Scan# 1656
Delta R.T. 0.077 min
Lab File: VU059494.D
Acq: 26 Jun 2024 00:55

Tgt Ion: 95 Resp: 21559

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.3	84.1
132	103.4	64.0	119.0
130	102.3	69.1	128.3





#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.760 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059494.D

Acq: 26 Jun 2024 00:55

Instrument :

MSVOA_U

ClientSampleId :

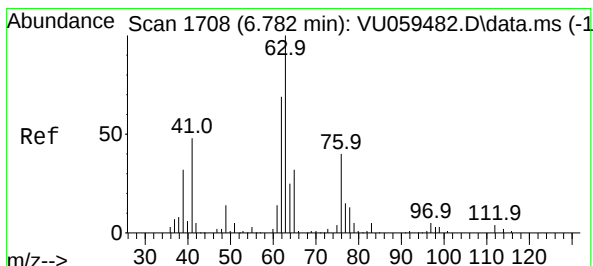
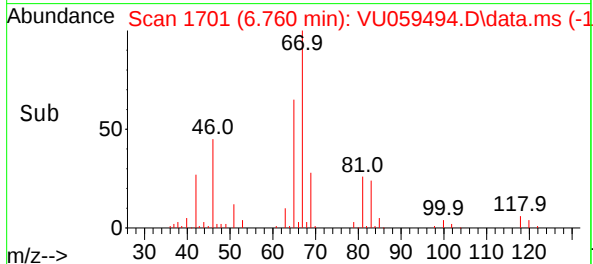
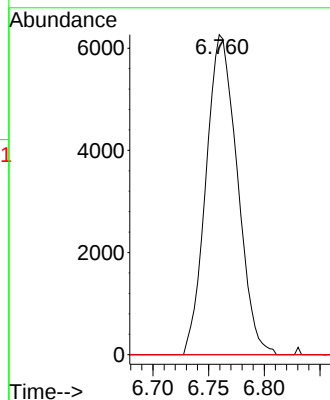
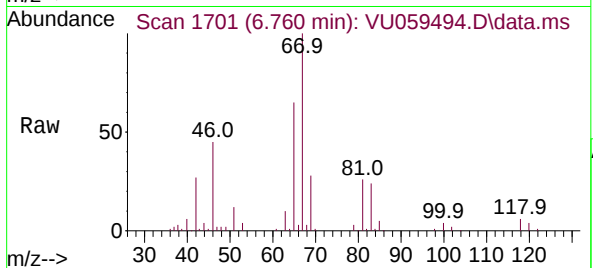
Tgt Ion: 83 Resp: 12238

Ion Ratio Lower Upper

83 100

55 0.6 62.7 94.1#

98 0.0 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.504 ug/L

RT: 6.766 min Scan# 1703

Delta R.T. -0.016 min

Lab File: VU059494.D

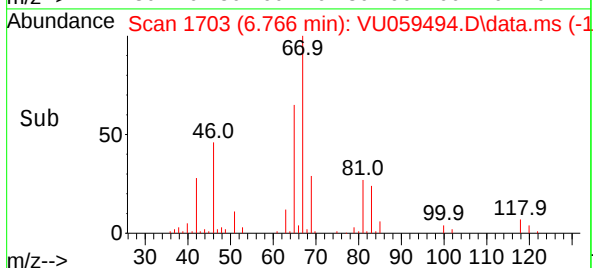
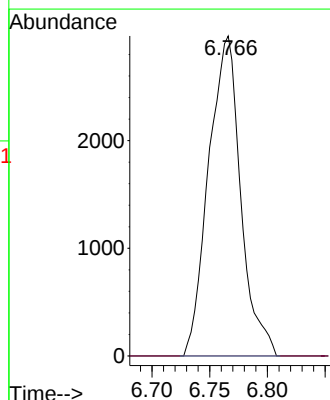
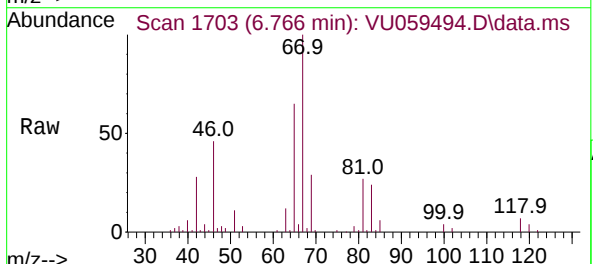
Acq: 26 Jun 2024 00:55

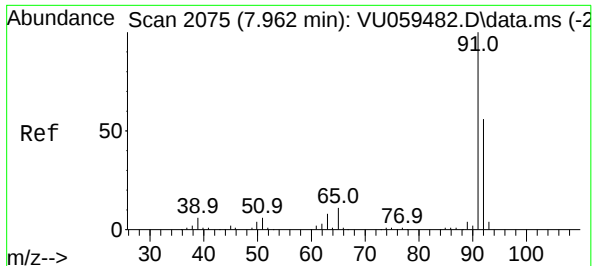
Tgt Ion: 63 Resp: 5746

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#42

Toluene

Concen: 1.112 ug/L

RT: 8.007 min Scan# 2075

Delta R.T. 0.045 min

Lab File: VU059494.D

Acq: 26 Jun 2024 00:55

Instrument :

MSVOA_U

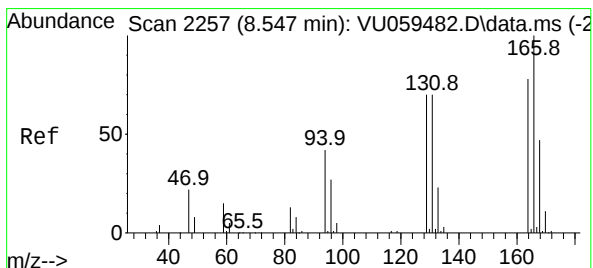
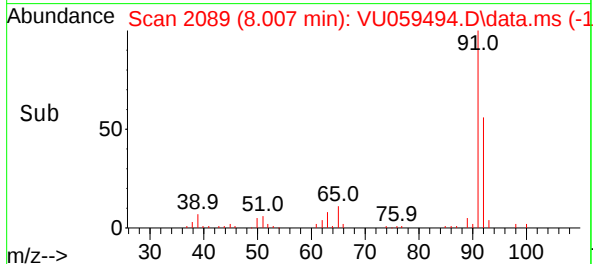
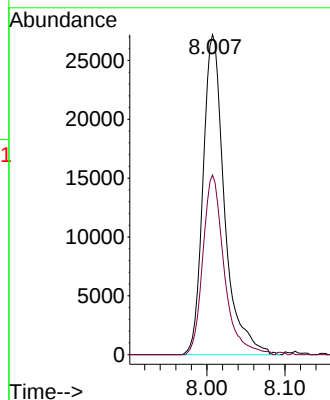
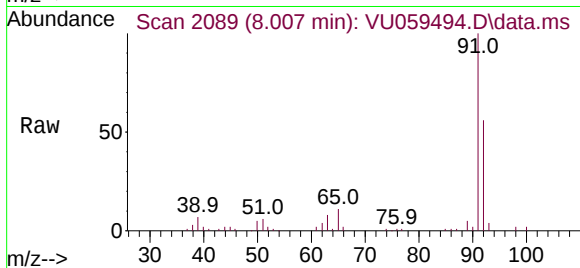
ClientSampleId :

Tgt Ion: 91 Resp: 51860

Ion Ratio Lower Upper

91 100

92 56.1 39.7 73.7



#47

Tetrachloroethene

Concen: 3.010 ug/L

RT: 8.579 min Scan# 2267

Delta R.T. 0.032 min

Lab File: VU059494.D

Acq: 26 Jun 2024 00:55

Tgt Ion: 164 Resp: 27861

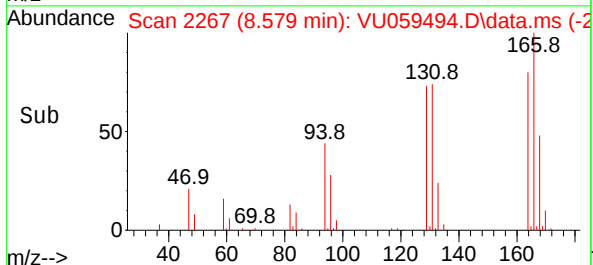
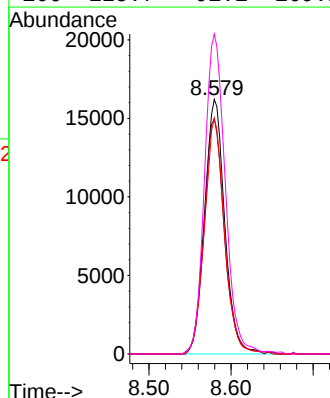
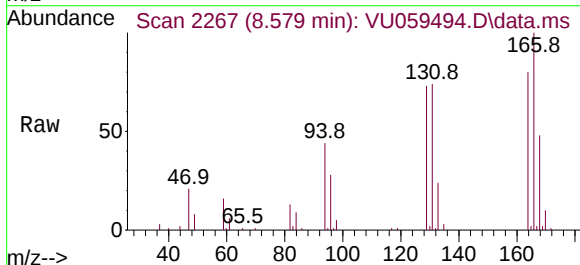
Ion Ratio Lower Upper

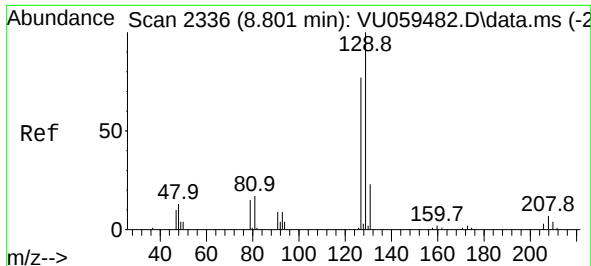
164 100

129 92.3 70.8 131.4

131 92.7 64.8 120.3

166 125.7 91.1 169.1





#49

Dibromochloromethane

Concen: 2.762 ug/L

RT: 8.579 min Scan# 21

Delta R.T. -0.222 min MSVOA_U

Lab File: VU059494.D

Acq: 26 Jun 2024 00:55

Instrument :

MSVOA_U

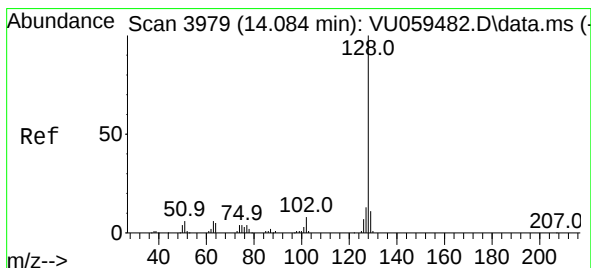
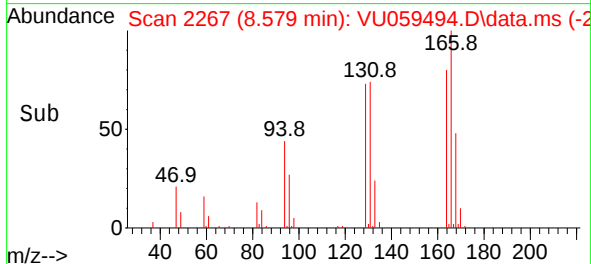
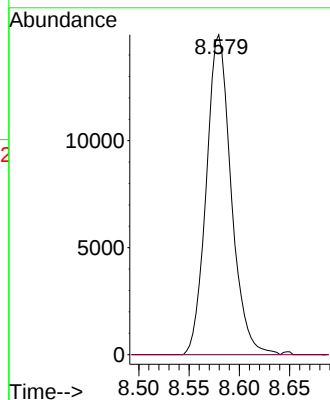
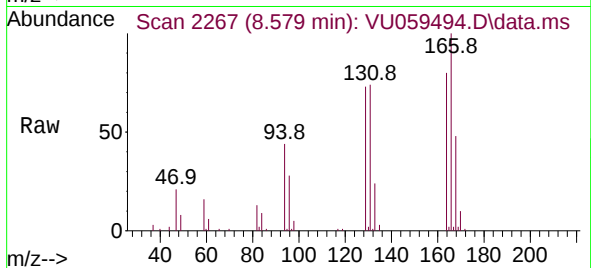
ClientSampleId :

Tgt Ion:129 Resp: 25698

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#71

Naphthalene

Concen: 0.127 ug/L

RT: 14.094 min Scan# 3982

Delta R.T. 0.010 min

Lab File: VU059494.D

Acq: 26 Jun 2024 00:55

Tgt Ion:128 Resp: 2084

Ion Ratio Lower Upper

128 100

129 2.7 8.2 12.4#

127 7.9 10.2 15.4#

