

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059495.D
 Acq On : 26 Jun 2024 01:19
 Operator : MD/SY
 Sample : P3006-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:19:09 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)

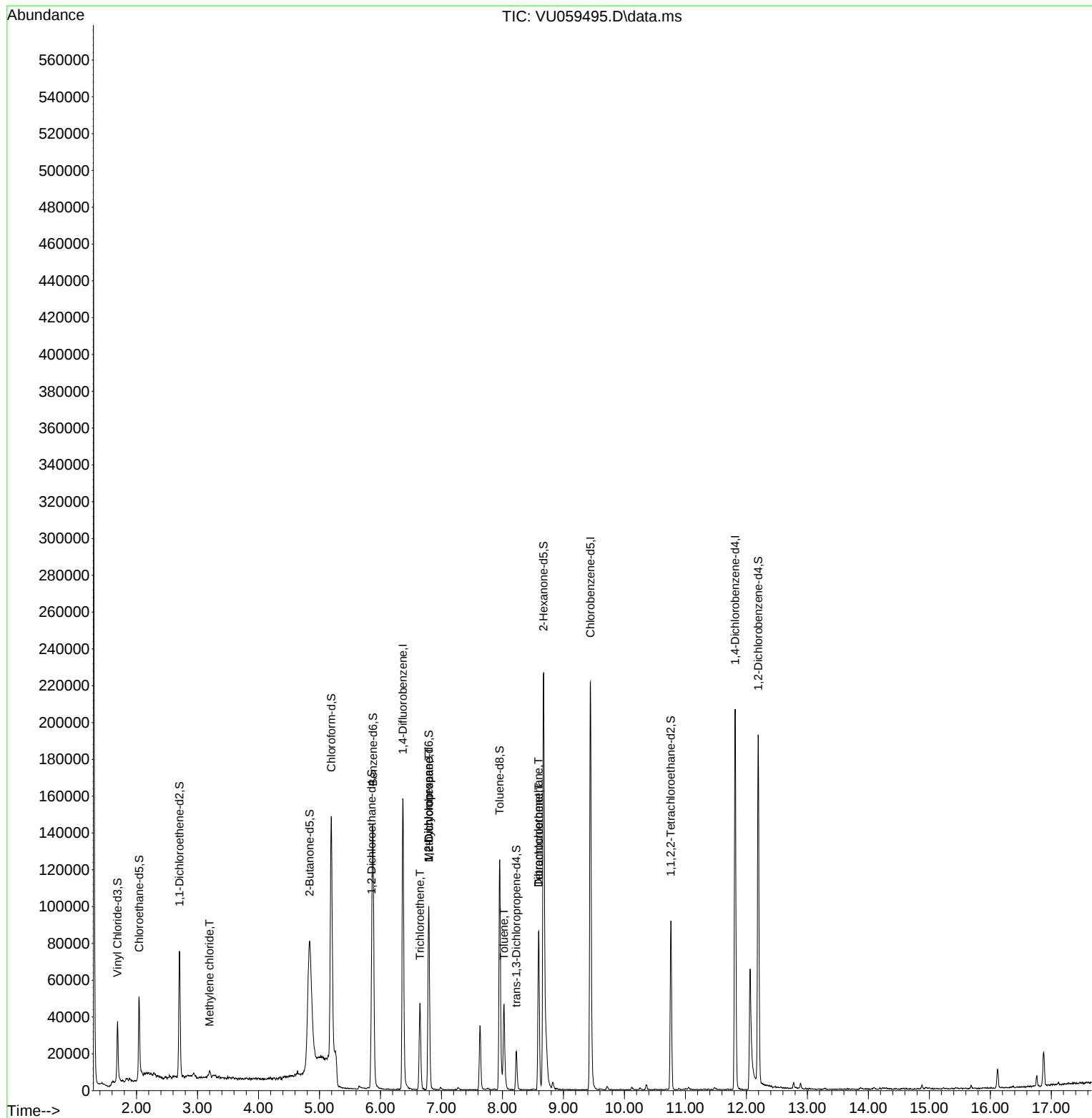
Internal Standards						
1) 1,4-Difluorobenzene	6.367	114	131971	5.000	ug/L	0.13
28) Chlorobenzene-d5	9.444	117	138636	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.817	152	60400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.689	65	28025	3.054	ug/L	0.10
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	2.042	69	35973	4.074	ug/L	0.14
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.705	65	13377	3.514	ug/L	0.15
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.840	46	188481	99.712	ug/L	0.22
Spiked Amount	50.000	Range	40 - 130	Recovery	=	199.420%#
24) Chloroform-d	5.193	84	127703	6.780	ug/L	0.14
Spiked Amount	5.000	Range	70 - 125	Recovery	=	135.600%#
26) 1,2-Dichloroethane-d4	5.856	65	40145	4.425	ug/L	0.16
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.878	84	129188	3.386	ug/L	0.16
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.800%#
36) 1,2-Dichloropropane-d6	6.791	67	48651	4.161	ug/L	0.11
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.955	98	94850	2.674	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.400%#
43) trans-1,3-Dichloroprop...	8.229	79	12447	3.400	ug/L	0.05
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.672	63	83246	54.725	ug/L	0.05
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.460%
56) 1,1,2,2-Tetrachloroeth...	10.762	84	47376	4.904	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	52911	4.922	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
16) Methylene chloride	3.197	84	1780	0.160	ug/L	87
34) Trichloroethene	6.650	95	14351	1.259	ug/L	91
35) Methylcyclohexane	6.791	83	11318	0.698	ug/L #	22
37) 1,2-Dichloropropane	6.791	63	5336	0.490	ug/L #	90
42) Toluene	8.026	91	37088	0.832	ug/L	100
47) Tetrachloroethene	8.595	164	20203	2.284	ug/L	96
49) Dibromochloromethane	8.592	129	19687	2.214	ug/L #	12

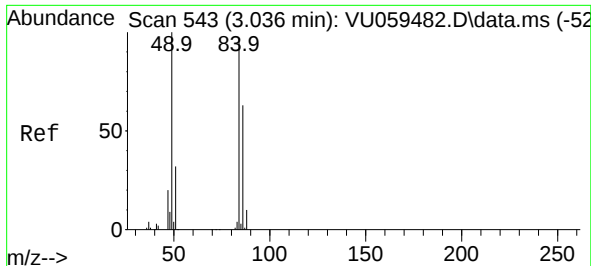
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Jun 26 06:19:09 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





#16

Methylene chloride

Concen: 0.160 ug/L

RT: 3.197 min Scan# 543

Delta R.T. 0.161 min

Lab File: VU059495.D

Acq: 26 Jun 2024 01:19

Instrument :

MSVOA_U

ClientSampleId :

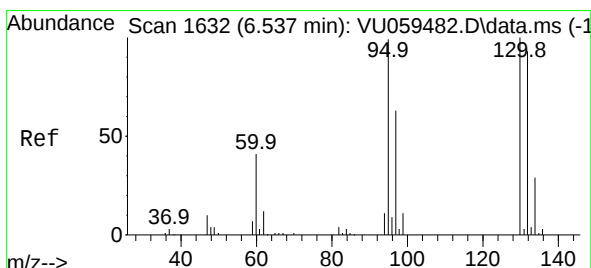
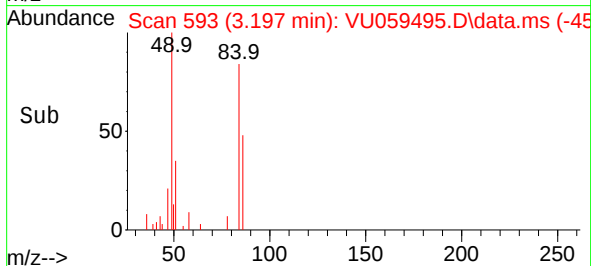
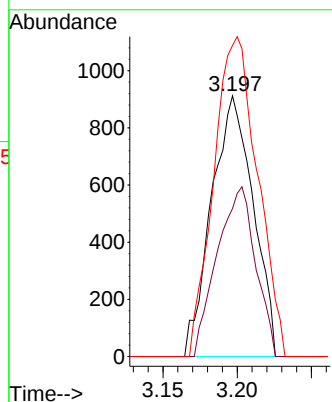
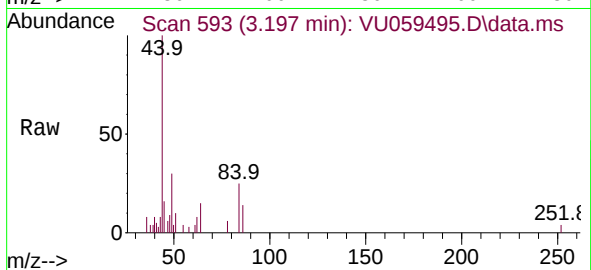
Tgt Ion: 84 Resp: 1780

Ion Ratio Lower Upper

84 100

86 56.8 42.1 78.1

49 134.6 80.6 149.8



#34

Trichloroethene

Concen: 1.259 ug/L

RT: 6.650 min Scan# 1667

Delta R.T. 0.113 min

Lab File: VU059495.D

Acq: 26 Jun 2024 01:19

Tgt Ion: 95 Resp: 14351

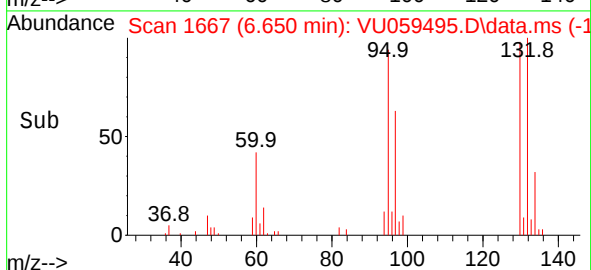
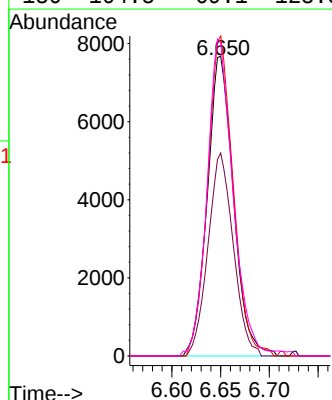
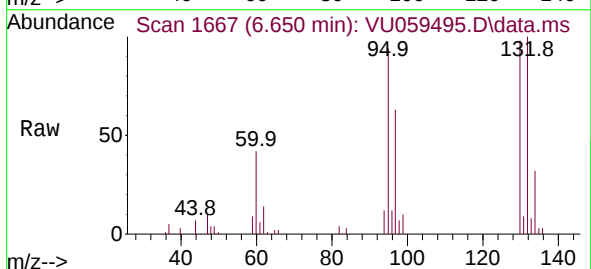
Ion Ratio Lower Upper

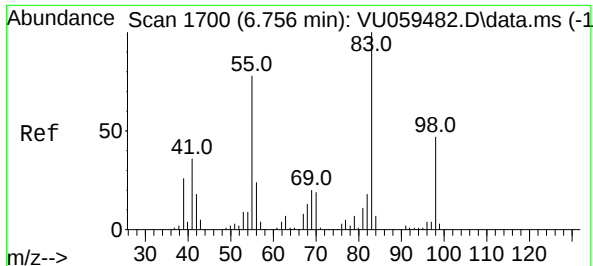
95 100

97 67.7 45.3 84.1

132 106.8 64.0 119.0

130 104.5 69.1 128.3

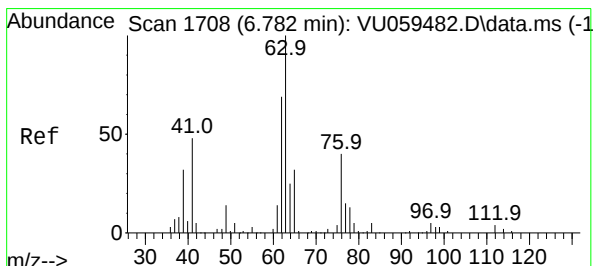
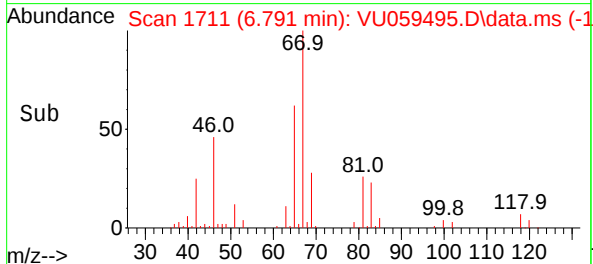
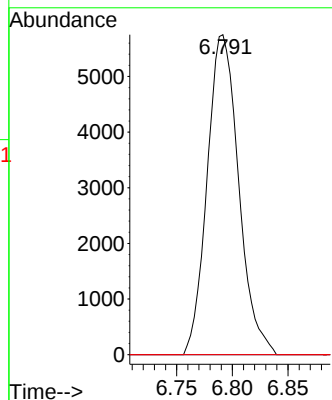
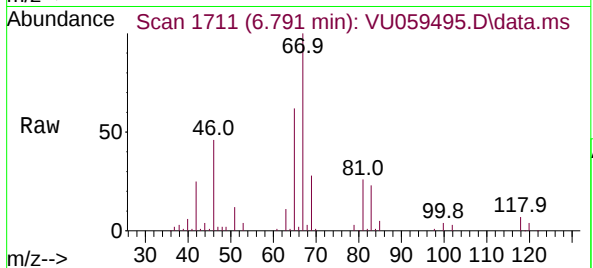




#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.791 min Scan# 1711
Delta R.T. 0.035 min
Lab File: VU059495.D
Acq: 26 Jun 2024 01:19

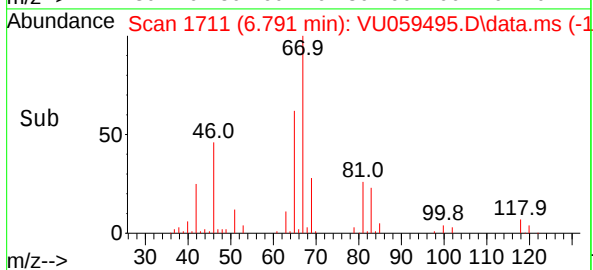
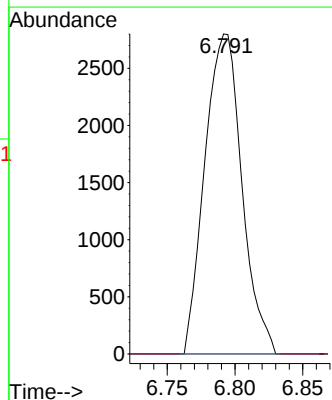
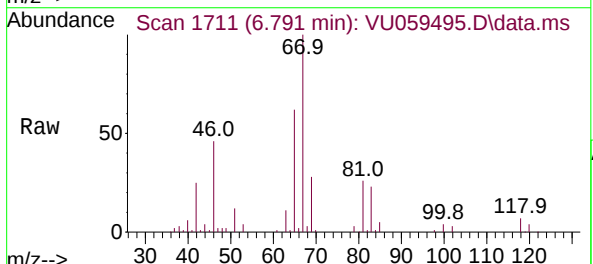
Instrument :
MSVOA_U
ClientSampleId :

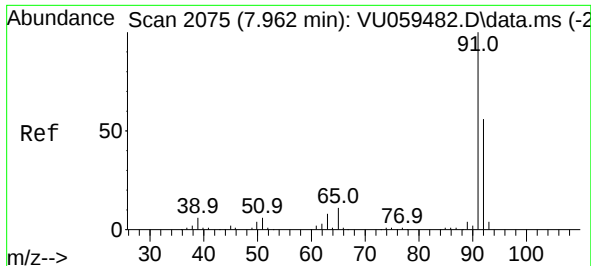
Tgt Ion: 83 Resp: 11318
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 7.6 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.791 min Scan# 1711
Delta R.T. 0.010 min
Lab File: VU059495.D
Acq: 26 Jun 2024 01:19

Tgt Ion: 63 Resp: 5336
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#42

Toluene

Concen: 0.832 ug/L

RT: 8.026 min Scan# 2075

Delta R.T. 0.064 min

Lab File: VU059495.D

Acq: 26 Jun 2024 01:19

Instrument :

MSVOA_U

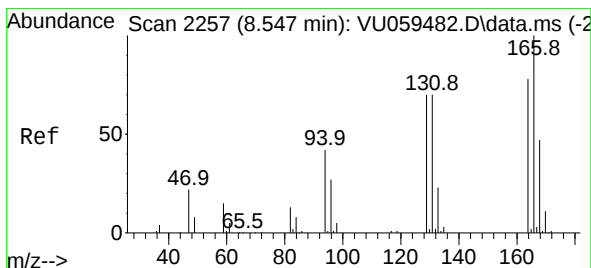
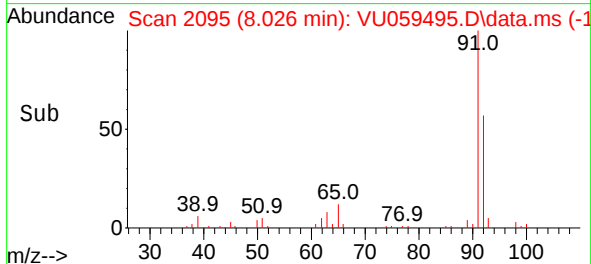
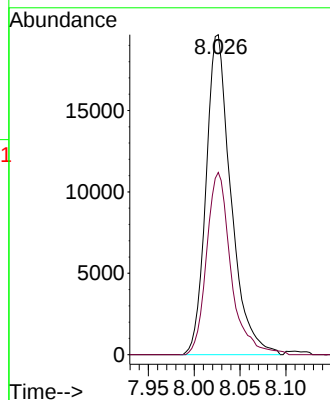
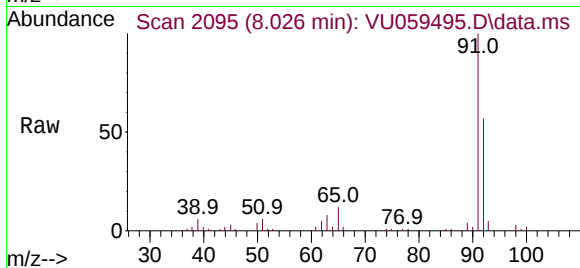
ClientSampleId :

Tgt Ion: 91 Resp: 37088

Ion Ratio Lower Upper

91 100

92 57.0 39.7 73.7



#47

Tetrachloroethene

Concen: 2.284 ug/L

RT: 8.595 min Scan# 2272

Delta R.T. 0.048 min

Lab File: VU059495.D

Acq: 26 Jun 2024 01:19

Tgt Ion: 164 Resp: 20203

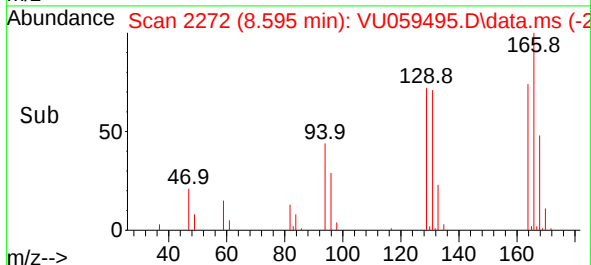
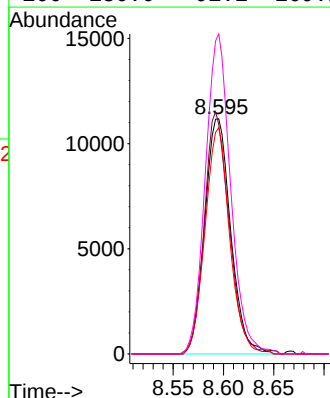
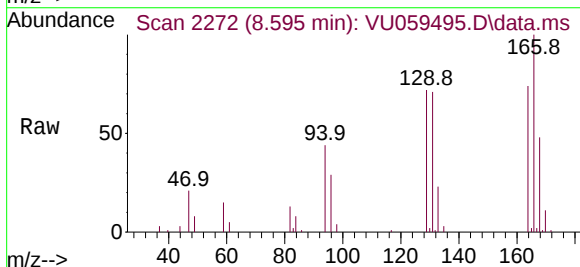
Ion Ratio Lower Upper

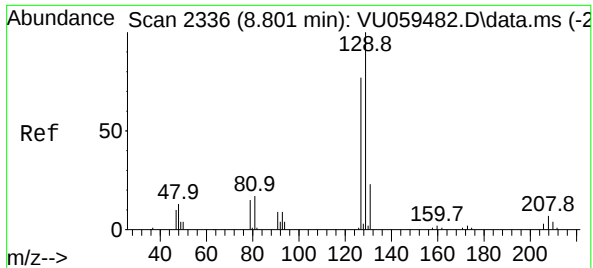
164 100

129 97.5 70.8 131.4

131 96.2 64.8 120.3

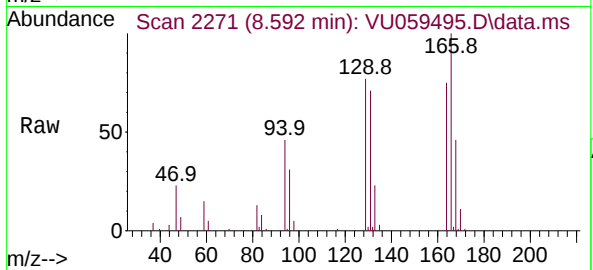
166 136.0 91.1 169.1





#49
 Dibromochloromethane
 Concen: 2.214 ug/L
 RT: 8.592 min Scan# 21
 Delta R.T. -0.209 min
 Lab File: VU059495.D
 Acq: 26 Jun 2024 01:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 19687
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.5 97.5#

