

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059640.D
 Acq On : 28 Jun 2024 23:02
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 29 00:02:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 23:55:24 2024
 Response via : Initial Calibration

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

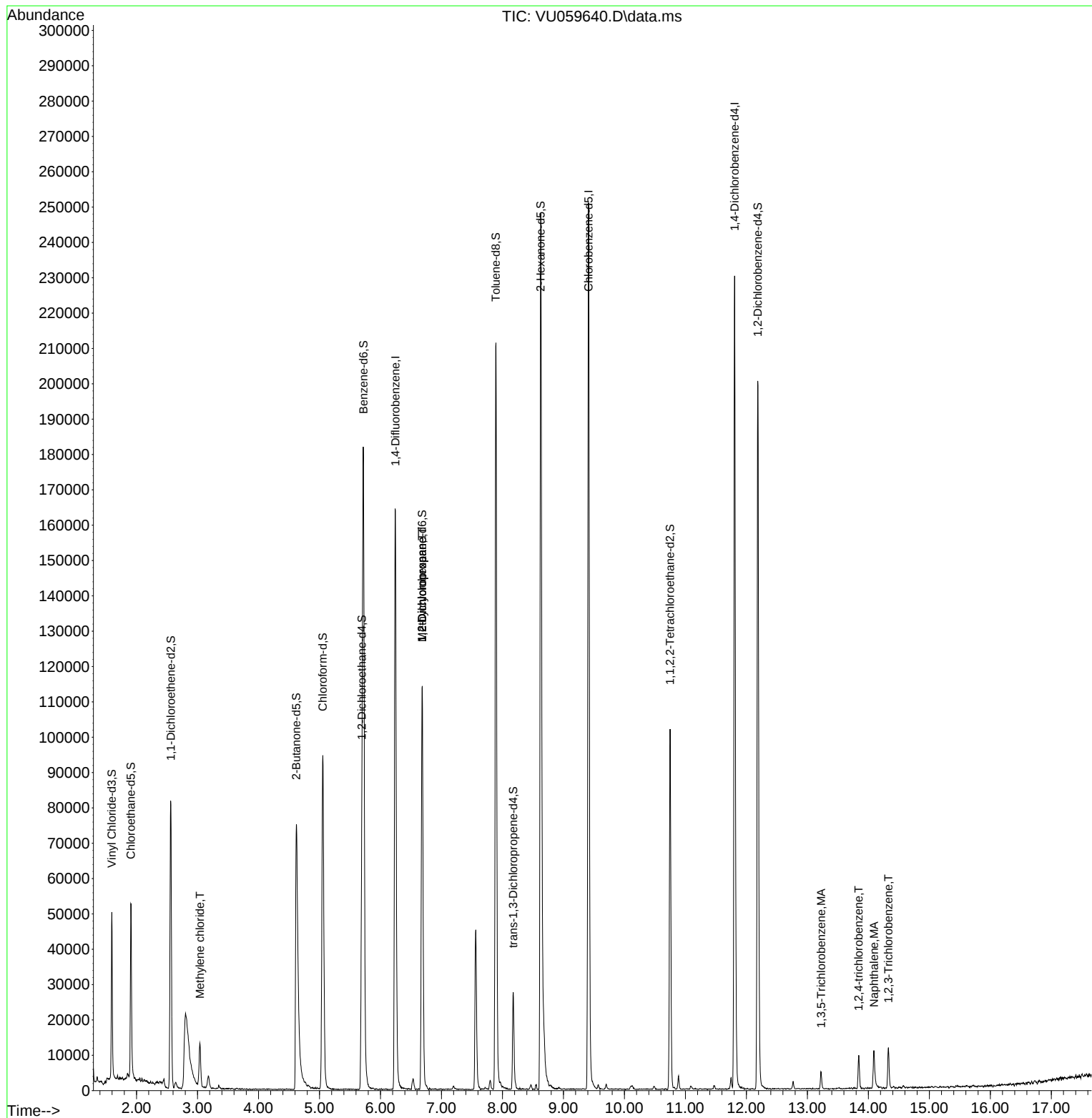
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	143367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151145	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67633	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33906	3.401	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.907	69	38312	3.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.563	65	15566	3.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.621	46	114486	55.752	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.500%
24) Chloroform-d	5.055	84	91541	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	46984	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.721	84	178885	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.685	67	57852	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	150710	3.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.177	79	16964	4.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.627	63	92399	55.715	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52898	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	58683	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	6312	0.524	ug/L	95
35) Methylcyclohexane	6.685	83	13548	0.766	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	5811	0.489	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.225	180	2226	0.142	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	3516	0.291	ug/L	88
71) Naphthalene	14.093	128	12136	0.703	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	4773	0.426	ug/L	95

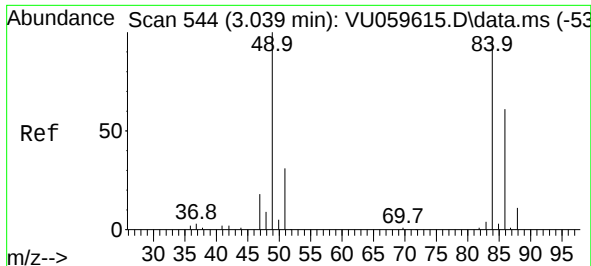
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 23:55:24 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.524 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU059640.D

Acq: 28 Jun 2024 23:02

Instrument :

MSVOA_U

ClientSampleId :

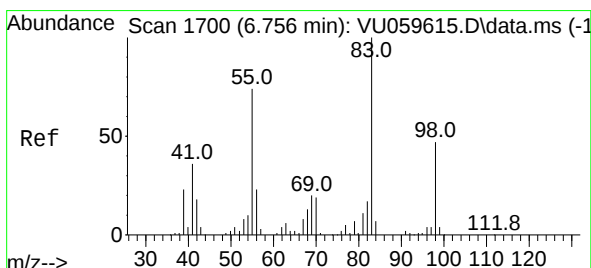
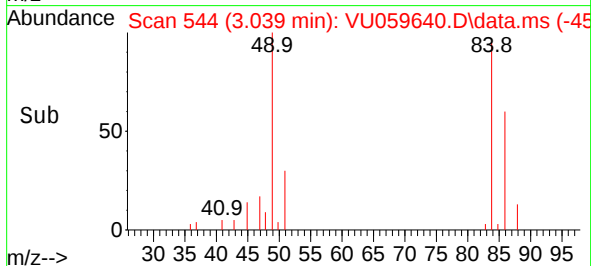
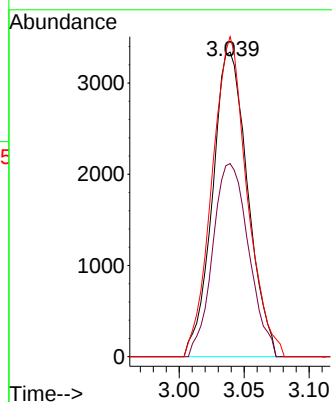
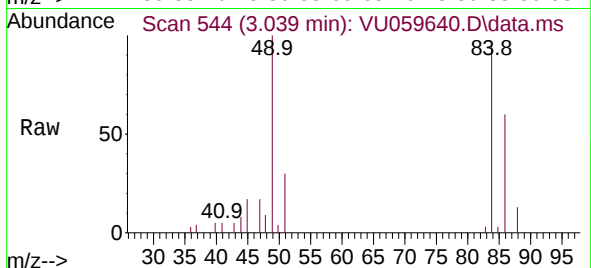
Tgt Ion: 84 Resp: 6312

Ion Ratio Lower Upper

84 100

86 63.4 42.1 78.1

49 109.4 80.6 149.8



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU059640.D

Acq: 28 Jun 2024 23:02

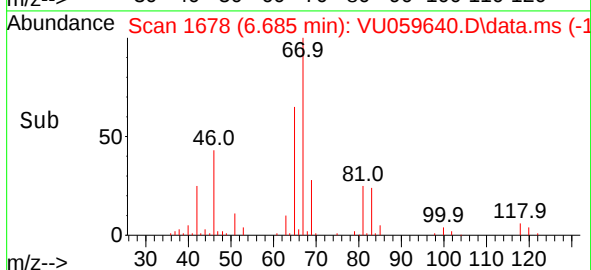
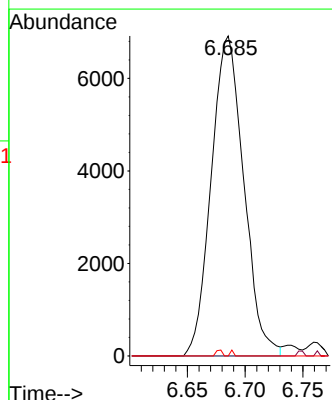
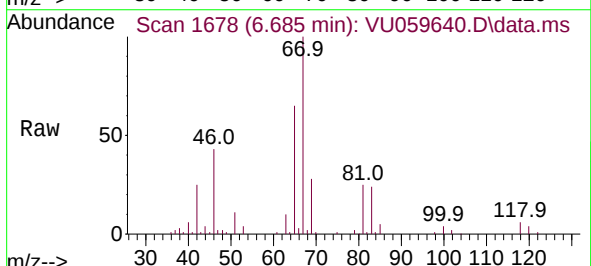
Tgt Ion: 83 Resp: 13548

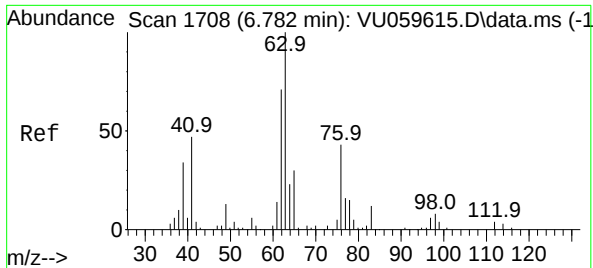
Ion Ratio Lower Upper

83 100

55 0.3 62.7 94.1#

98 0.2 35.4 53.0#

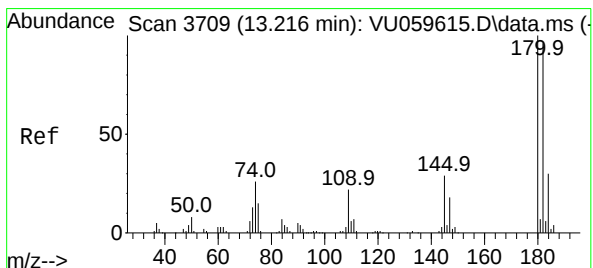
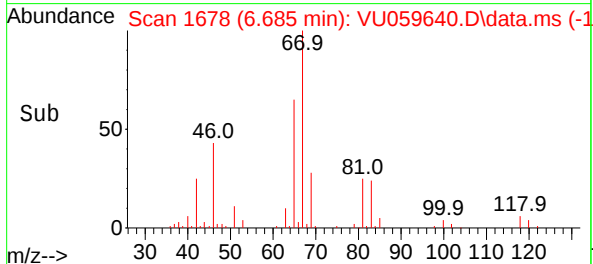
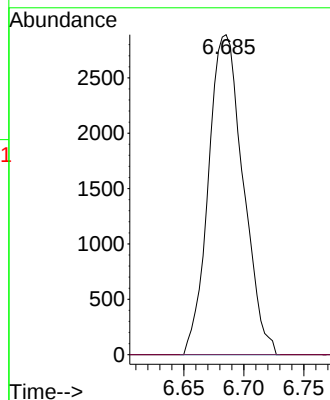
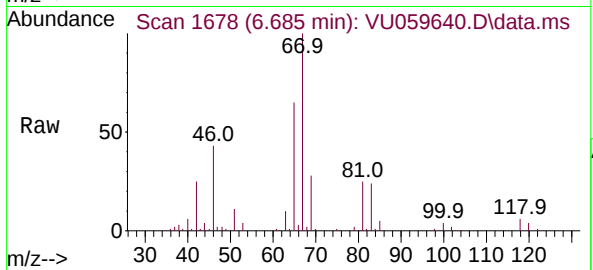




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU059640.D
Acq: 28 Jun 2024 23:02

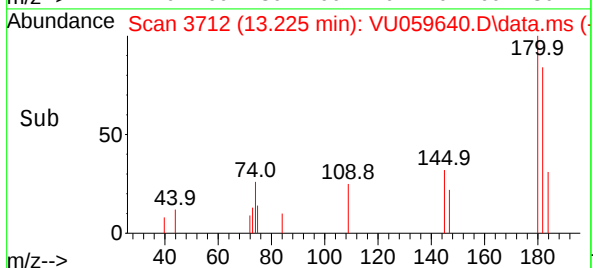
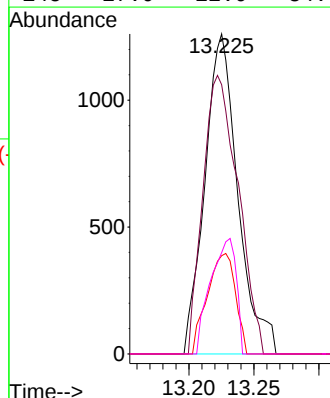
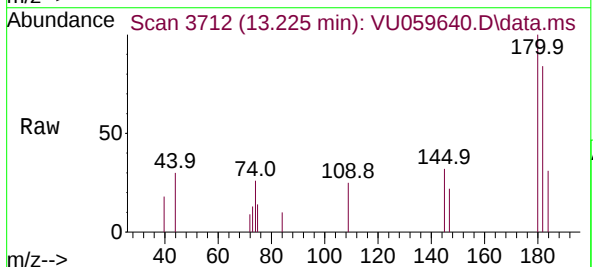
Instrument :
MSVOA_U
ClientSampleId :

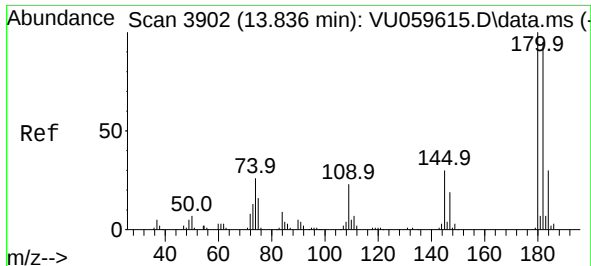
Tgt Ion: 63 Resp: 5811
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#69
1,3,5-Trichlorobenzene
Concen: 0.142 ug/L
RT: 13.225 min Scan# 3712
Delta R.T. 0.010 min
Lab File: VU059640.D
Acq: 28 Jun 2024 23:02

Tgt Ion:180 Resp: 2226
Ion Ratio Lower Upper
180 100
182 92.5 75.4 113.0
184 26.7 23.0 34.6
145 27.9 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 0.291 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

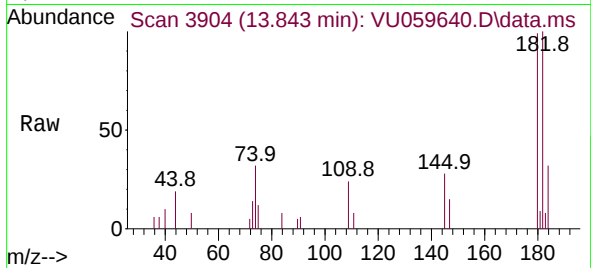
Lab File: VU059640.D

Acq: 28 Jun 2024 23:02

Instrument :

MSVOA_U

ClientSampleId :



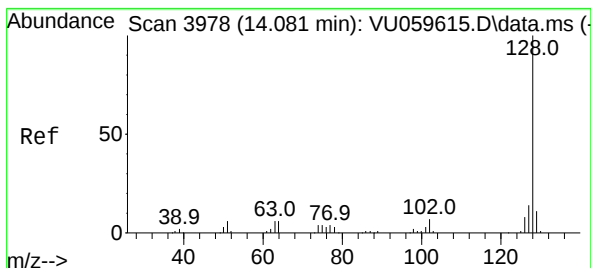
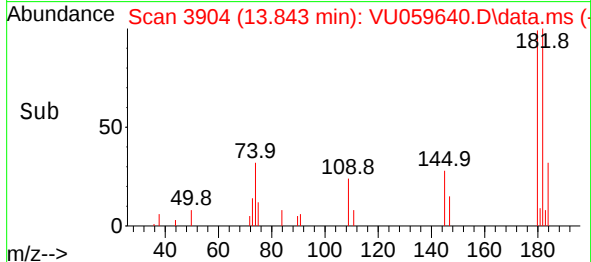
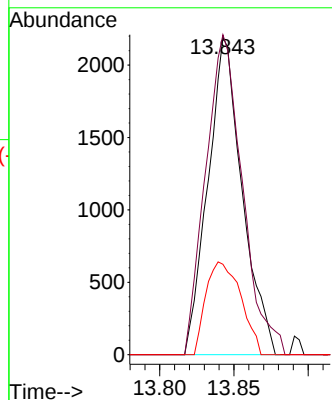
Tgt Ion:180 Resp: 3516

Ion Ratio Lower Upper

180 100

182 108.2 74.9 112.3

145 29.8 23.9 35.9



#71

Naphthalene

Concen: 0.703 ug/L

RT: 14.093 min Scan# 3982

Delta R.T. 0.013 min

Lab File: VU059640.D

Acq: 28 Jun 2024 23:02

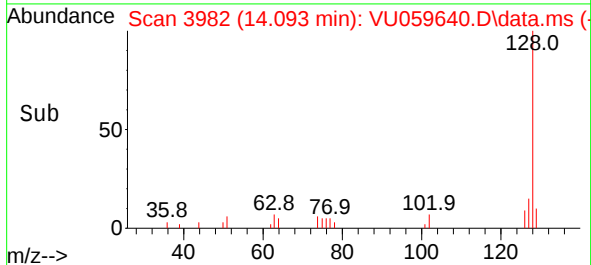
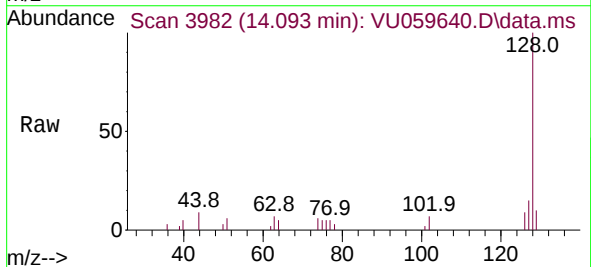
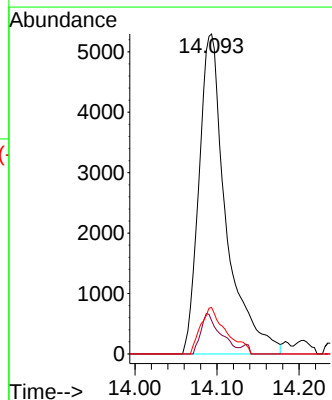
Tgt Ion:128 Resp: 12136

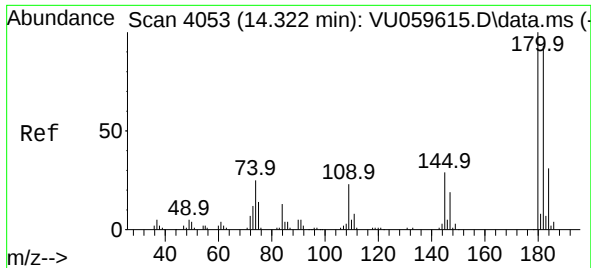
Ion Ratio Lower Upper

128 100

129 9.2 8.2 12.4

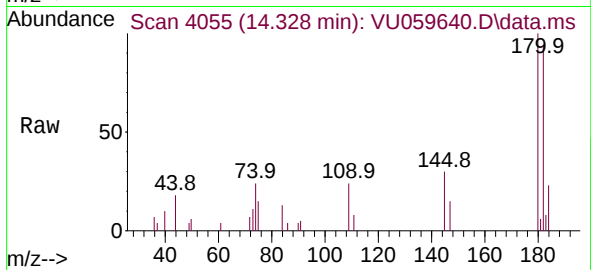
127 13.6 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.426 ug/L
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU059640.D
 Acq: 28 Jun 2024 23:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	4773
Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.0	115.6
145	26.3	26.2	39.4

