

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058844.D
 Acq On : 07 May 2024 15:57
 Operator : MD/SY
 Sample : VU0507WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:11:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 05:10:37 2024
 Response via : Initial Calibration

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

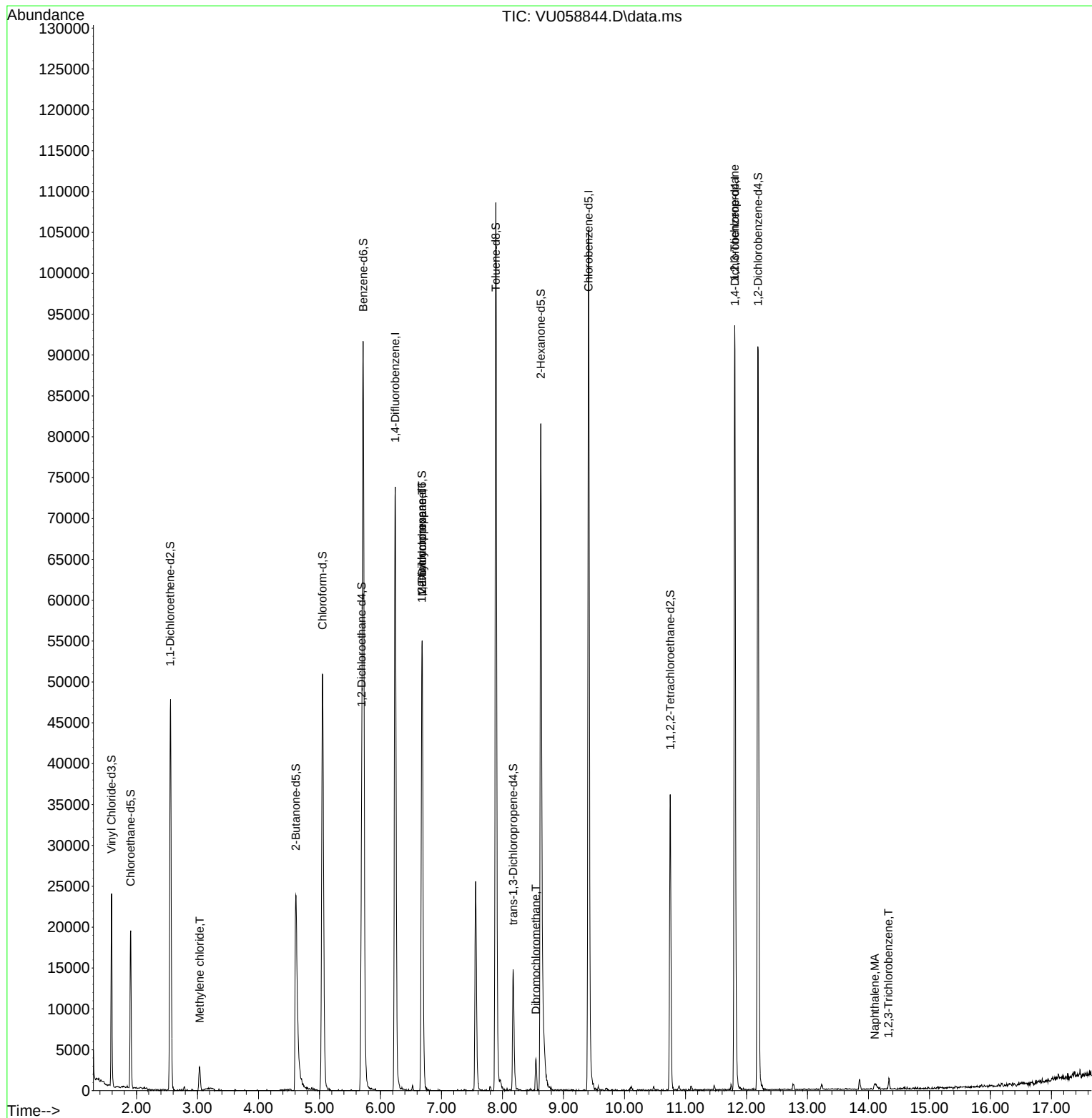
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	59726	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	24883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	15799	3.363	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.904	69	13362	3.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.554	65	9680	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.611	46	39238	47.538	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.080%
24) Chloroform-d	5.049	84	48945	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.692	65	25766	5.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.718	84	82390	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.679	67	24244	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	71769	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.174	79	9383	4.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.627	63	28281	48.213	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16562	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	23523	5.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	1397	0.298	ug/L	85
35) Methylcyclohexane	6.682	83	6545	0.799	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3179	0.614	ug/L #	89
49) Dibromochloromethane	8.547	129	768	0.220	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	2992	1.321	ug/L #	66
71) Naphthalene	14.103	128	1924	0.376	ug/L #	72
72) 1,2,3-Trichlorobenzene	14.328	180	609	0.182	ug/L #	65

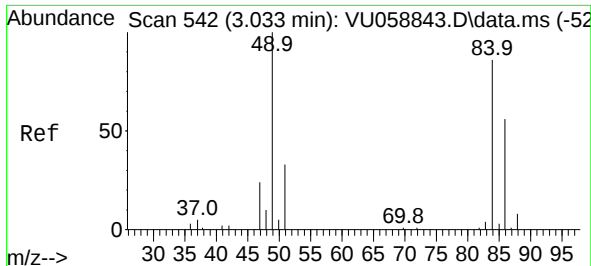
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
Data File : VU058844.D
Acq On : 07 May 2024 15:57
Operator : MD/SY
Sample : VU0507WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

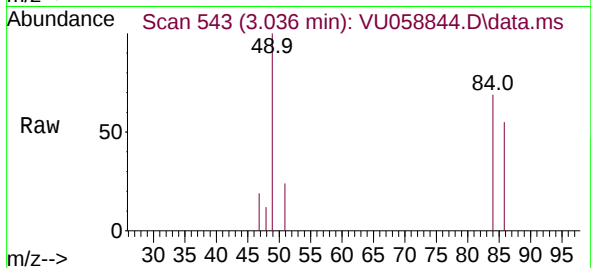
Quant Time: May 08 05:11:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 08 05:10:37 2024
Response via : Initial Calibration



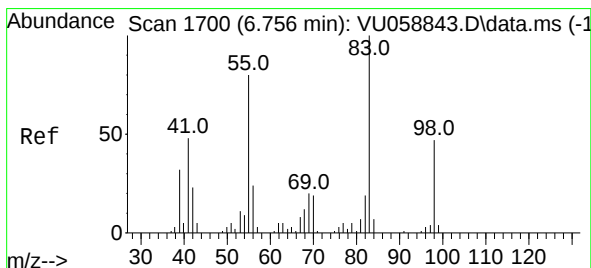
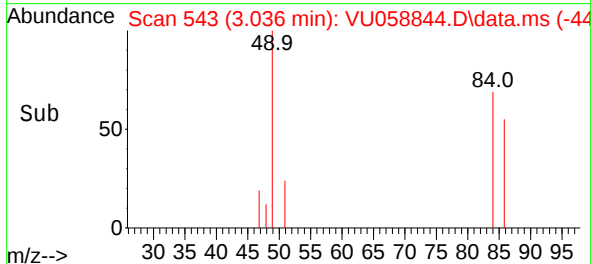
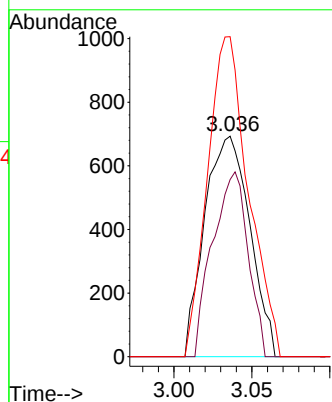


#16
Methylene chloride
Concen: 0.298 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058844.D
Acq: 07 May 2024 15:57

Instrument :
MSVOA_U
ClientSampleId :

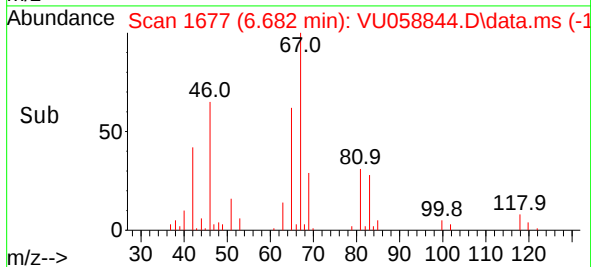
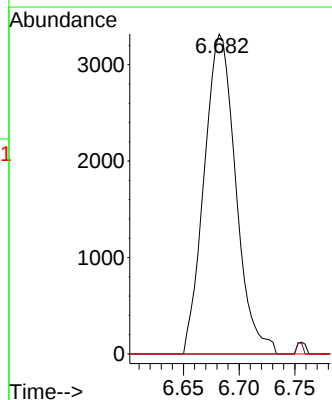
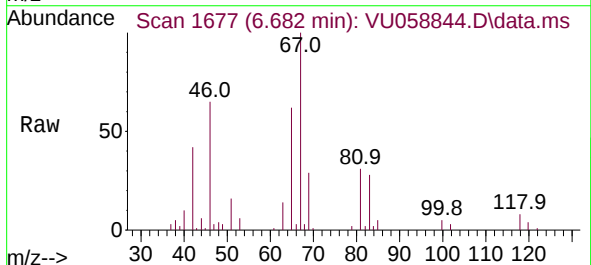


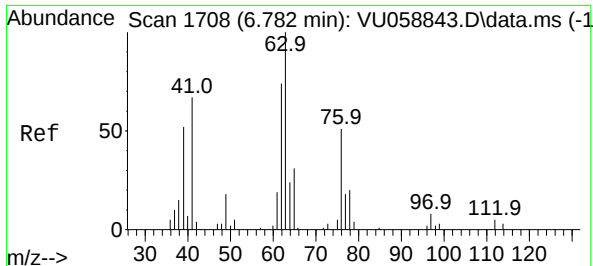
Tgt Ion: 84 Resp: 1397
Ion Ratio Lower Upper
84 100
86 80.4 45.0 83.6
49 145.2 91.6 170.2



#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058844.D
Acq: 07 May 2024 15:57

Tgt Ion: 83 Resp: 6545
Ion Ratio Lower Upper
83 100
55 0.7 66.6 100.0#
98 1.9 35.4 53.2#

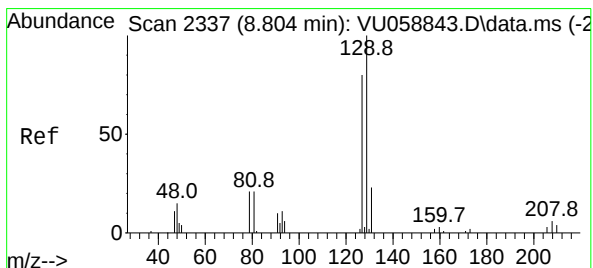
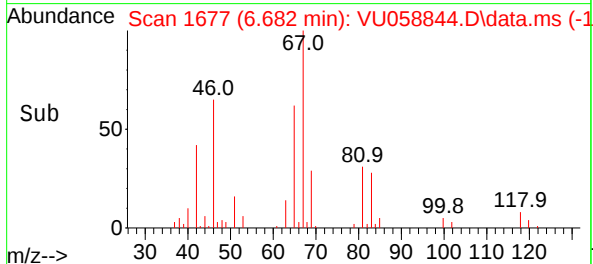
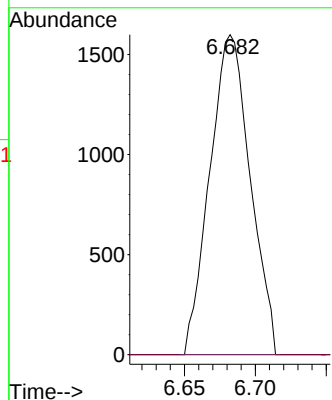
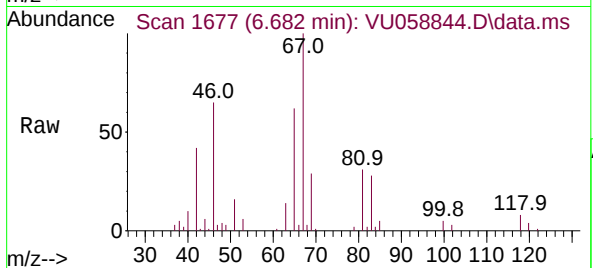




#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058844.D
Acq: 07 May 2024 15:57

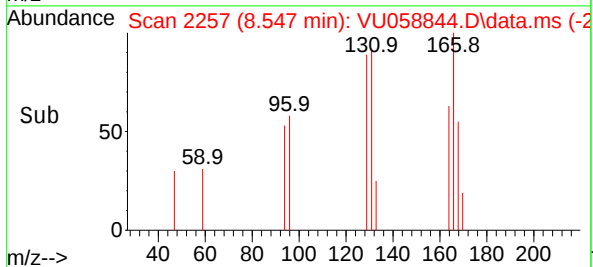
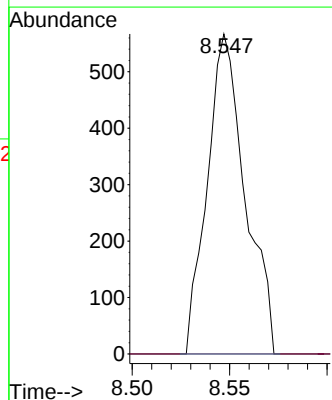
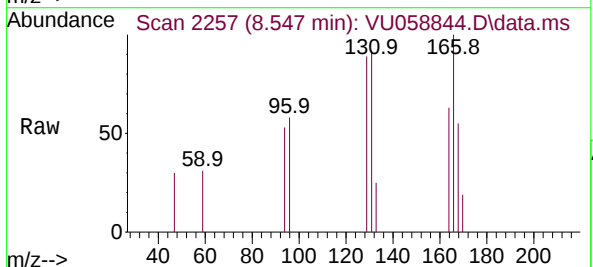
Instrument :
MSVOA_U
ClientSampleId :

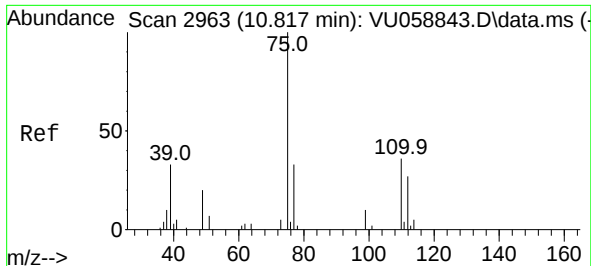
Tgt Ion: 63 Resp: 3179
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#49
Dibromochloromethane
Concen: 0.220 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058844.D
Acq: 07 May 2024 15:57

Tgt Ion:129 Resp: 768
Ion Ratio Lower Upper
129 100
127 0.0 51.0 94.8#





#61

1,2,3-Trichloropropane

Concen: 1.321 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU058844.D

Acq: 07 May 2024 15:57

Instrument :

MSVOA_U

ClientSampleId :

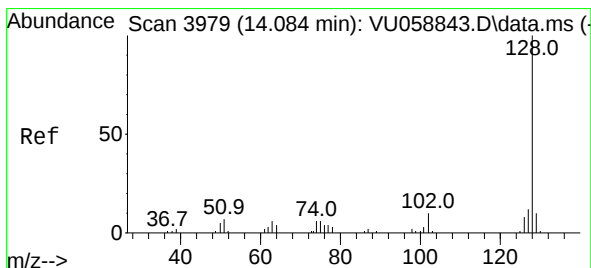
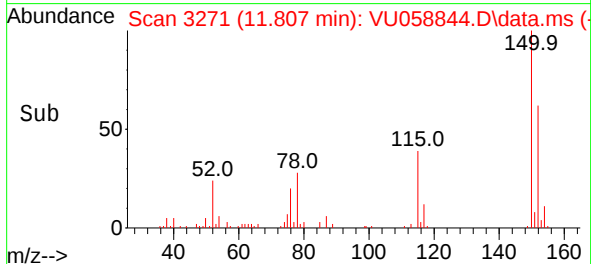
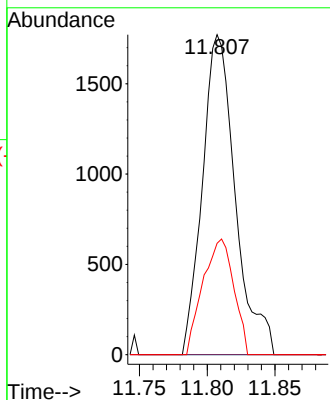
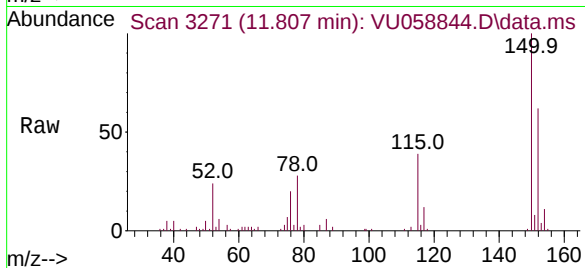
Tgt Ion: 75 Resp: 2992

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 33.9 25.4 38.2



#71

Naphthalene

Concen: 0.376 ug/L

RT: 14.103 min Scan# 3985

Delta R.T. 0.019 min

Lab File: VU058844.D

Acq: 07 May 2024 15:57

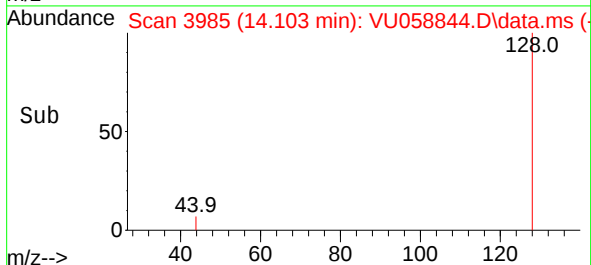
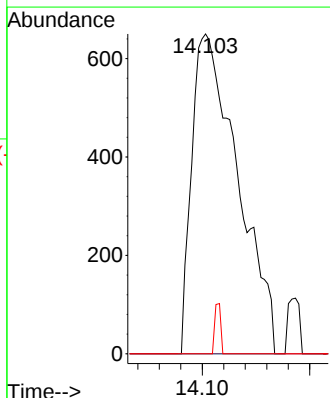
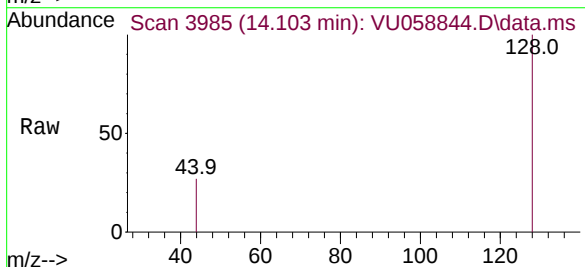
Tgt Ion:128 Resp: 1924

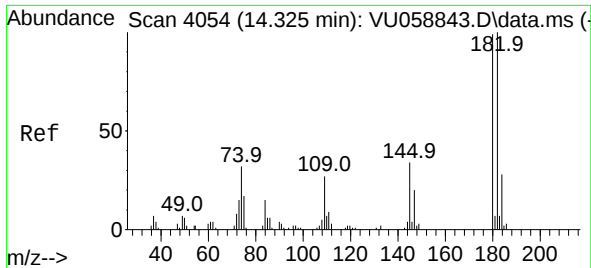
Ion Ratio Lower Upper

128 100

129 0.0 8.2 12.4#

127 2.0 10.8 16.2#





#72

1,2,3-Trichlorobenzene

Concen: 0.182 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

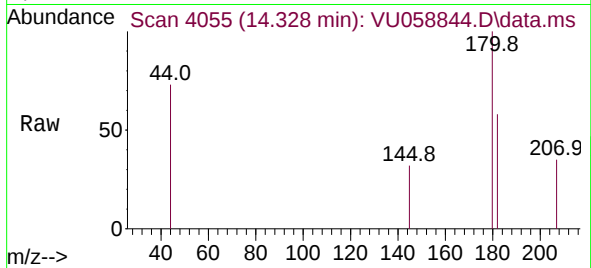
Lab File: VU058844.D

Acq: 07 May 2024 15:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 609

Ion Ratio Lower Upper

180 100

182 60.4 75.0 112.6#

145 13.6 27.6 41.4#

