

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058377.D
 Acq On : 04 Apr 2024 19:15
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 23:56:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 23:51:05 2024
 Response via : Initial Calibration

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

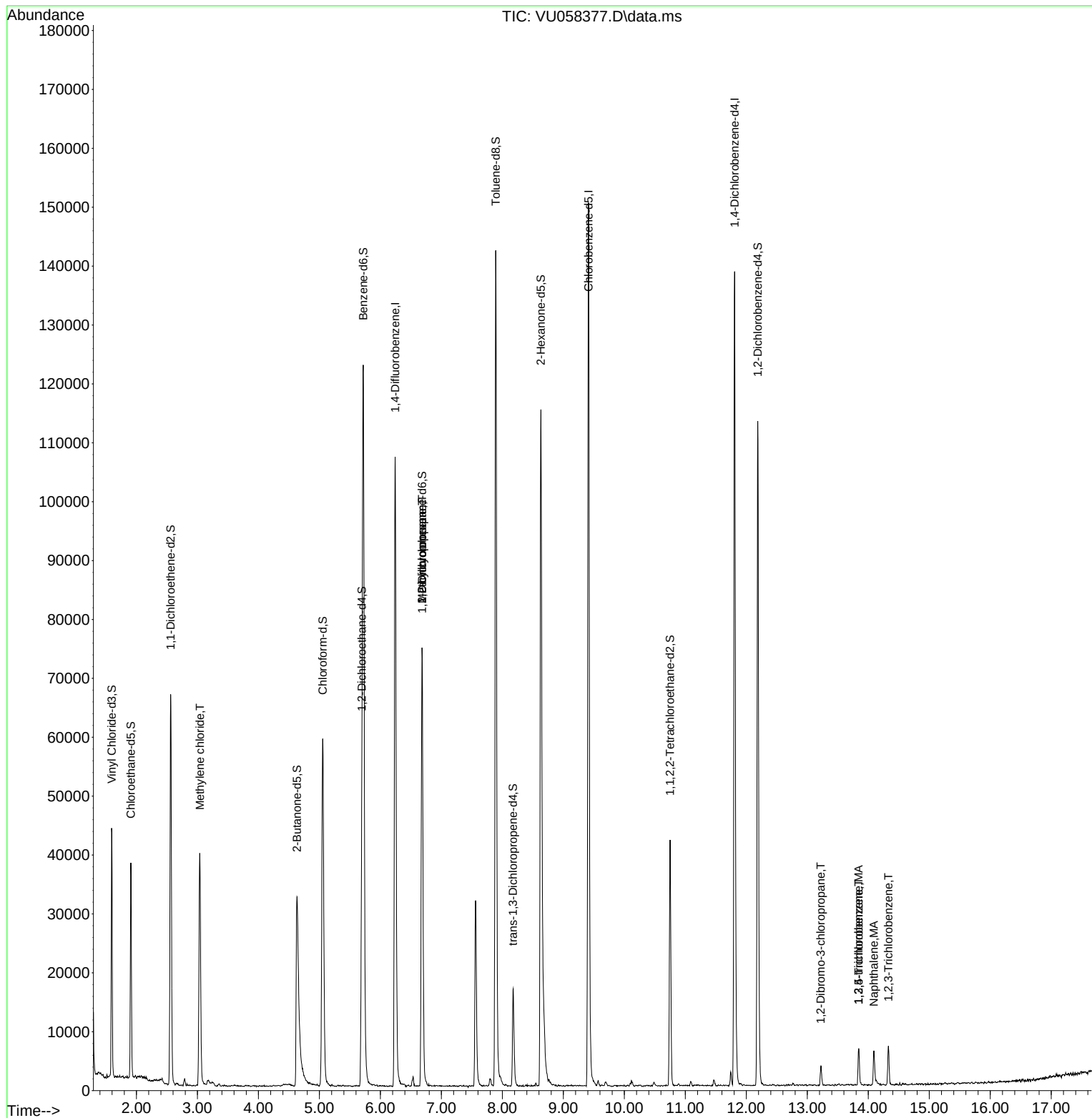
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86123	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	81416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29284	5.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.908	69	24922	5.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.560	65	12709	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.631	46	61328	51.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.080%
24) Chloroform-d	5.055	84	55880	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	27205	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.718	84	115067	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.682	67	36003	5.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.891	98	97001	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.174	79	9970	4.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.631	63	41524	47.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21811	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	29128	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	18222	2.250	ug/L	96
35) Methylcyclohexane	6.682	83	7575	0.676	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	3996	0.515	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	13.219	75	143	0.228	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.843	180	2641	0.278	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	2641	0.360	ug/L	97
71) Naphthalene	14.090	128	6795	0.676	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.328	180	2653	0.438	ug/L	98

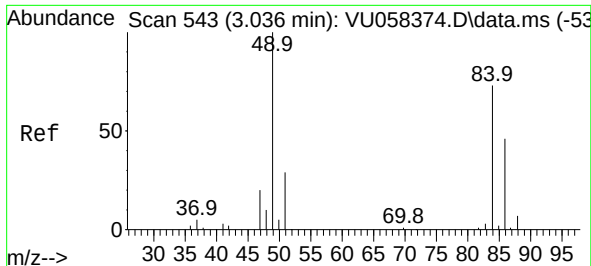
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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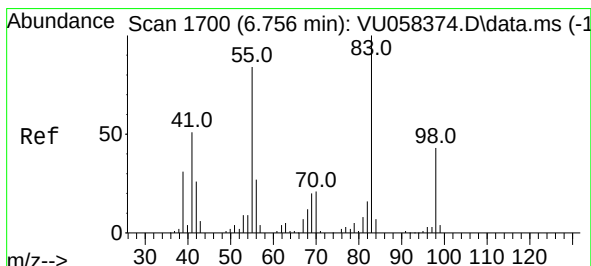
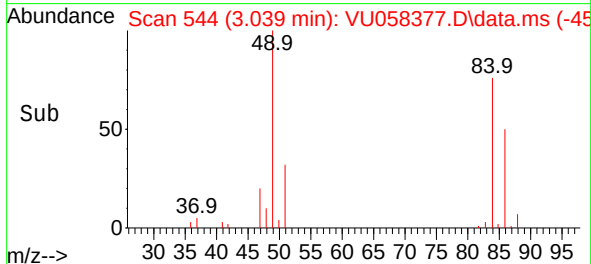
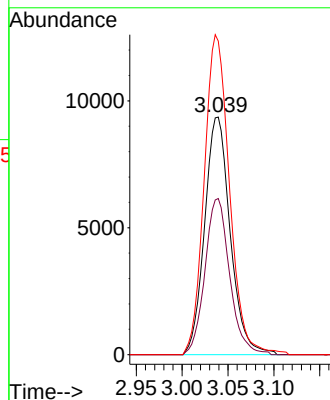
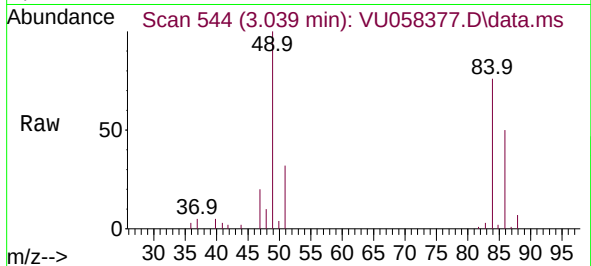




#16
Methylene chloride
Concen: 2.250 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058377.D
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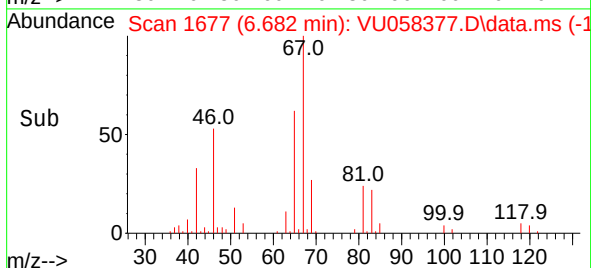
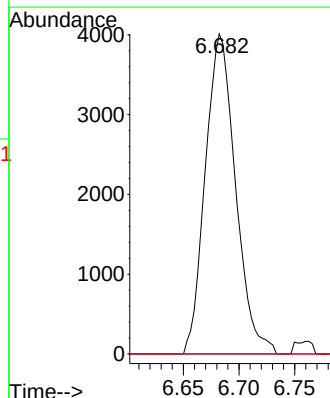
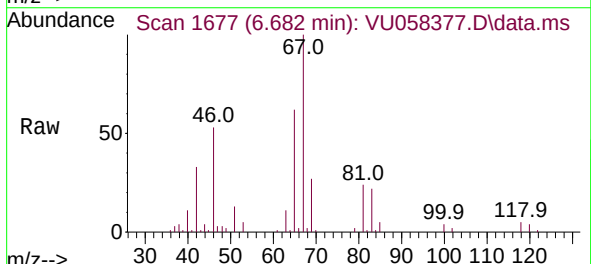
Instrument :
MSVOA_U
ClientSampleId :

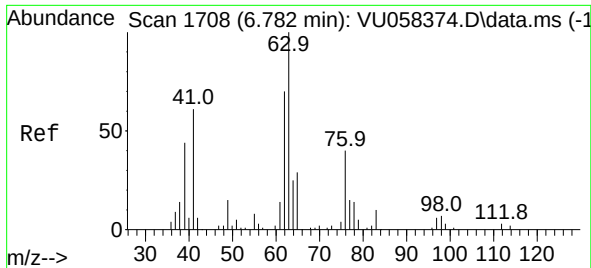
Tgt Ion: 84 Resp: 18222
Ion Ratio Lower Upper
84 100
86 65.7 44.3 82.3
49 132.0 96.0 178.2



#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058377.D
Acq: 04 Apr 2024 19:15

Tgt Ion: 83 Resp: 7575
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.7 34.6 52.0#

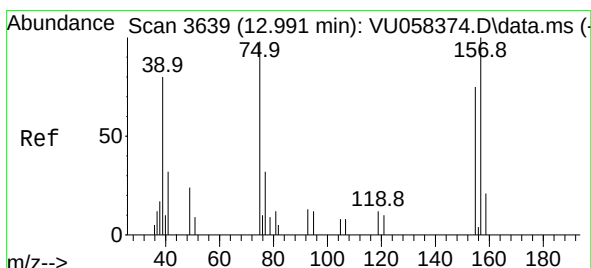
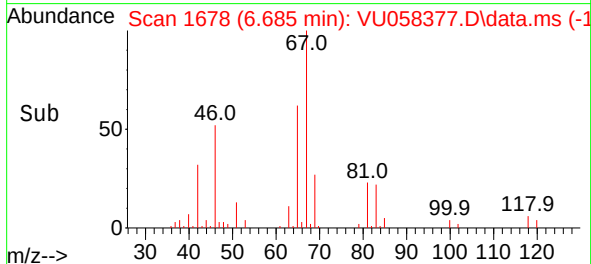
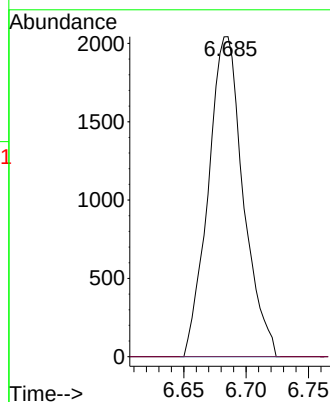
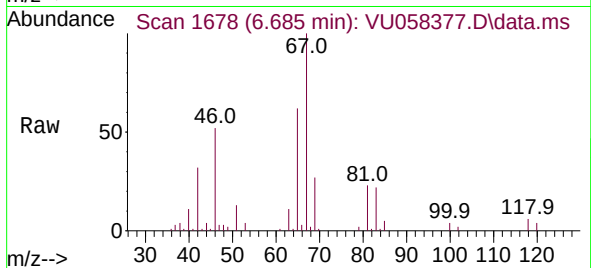




#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058377.D
Acq: 04 Apr 2024 19:15

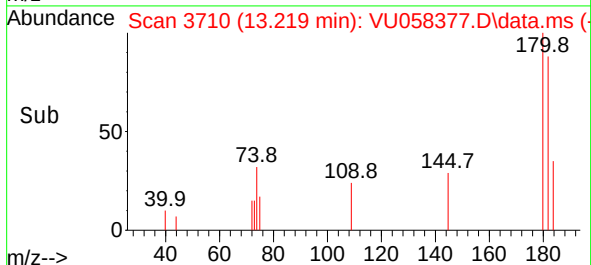
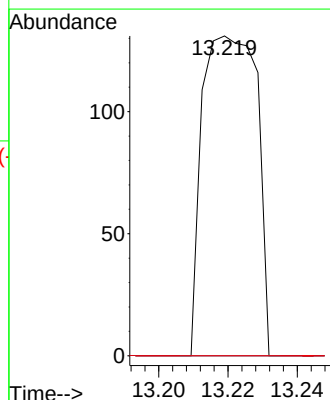
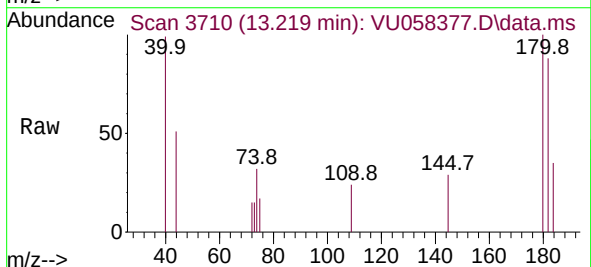
Instrument :
MSVOA_U
ClientSampleId :

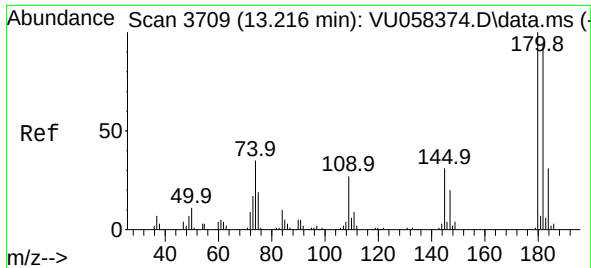
Tgt Ion: 63 Resp: 3996
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.228 ug/L
RT: 13.219 min Scan# 3710
Delta R.T. 0.228 min
Lab File: VU058377.D
Acq: 04 Apr 2024 19:15

Tgt Ion: 75 Resp: 143
Ion Ratio Lower Upper
75 100
155 0.0 61.4 92.0#
157 0.0 81.7 122.5#





#69

1,3,5-Trichlorobenzene

Concen: 0.278 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.627 min

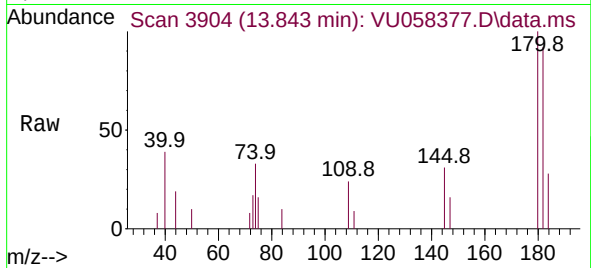
Lab File: VU058377.D

Acq: 04 Apr 2024 19:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2641

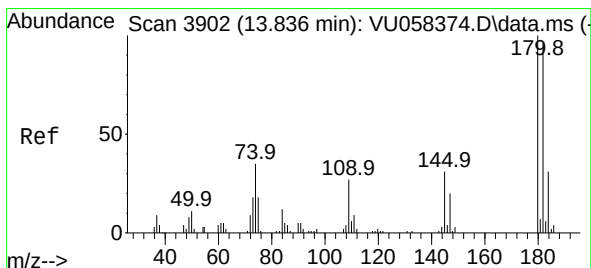
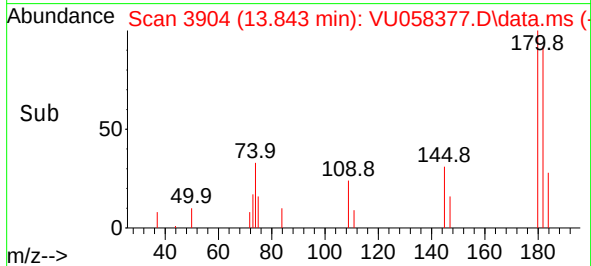
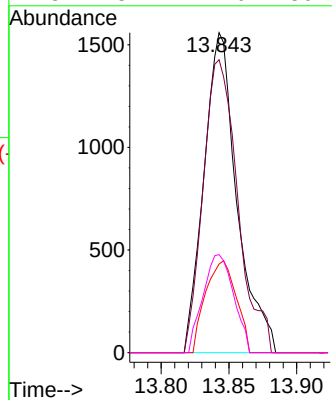
Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

184 26.6 24.3 36.5

145 28.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.360 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.007 min

Lab File: VU058377.D

Acq: 04 Apr 2024 19:15

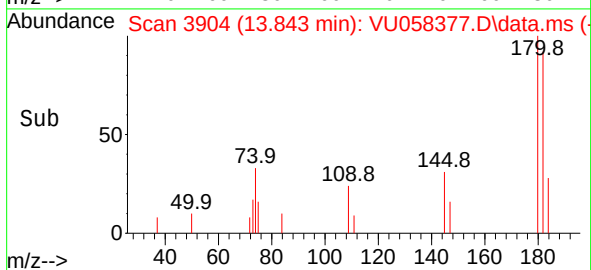
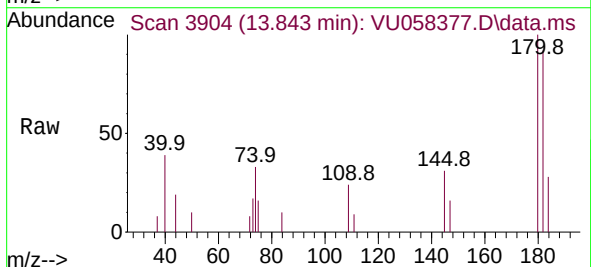
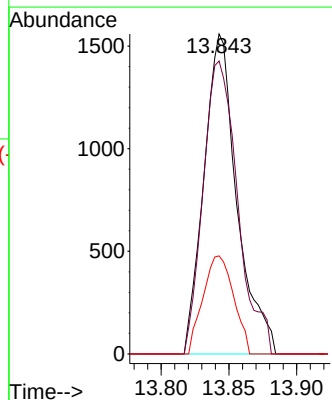
Tgt Ion:180 Resp: 2641

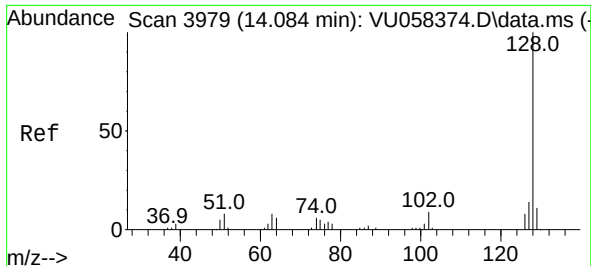
Ion Ratio Lower Upper

180 100

182 95.8 74.4 111.6

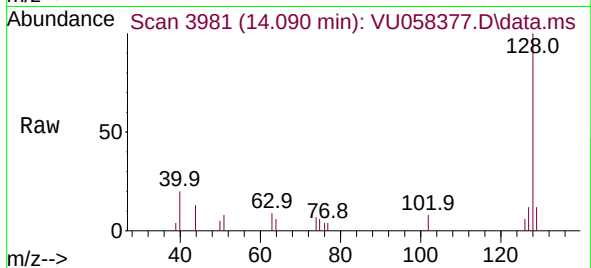
145 28.4 24.1 36.1



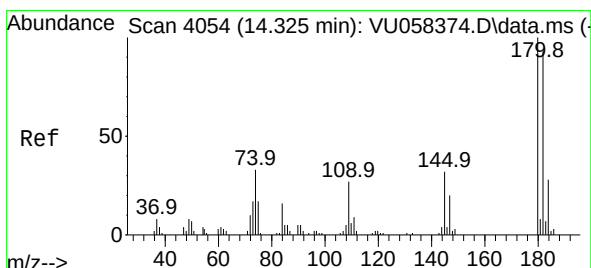
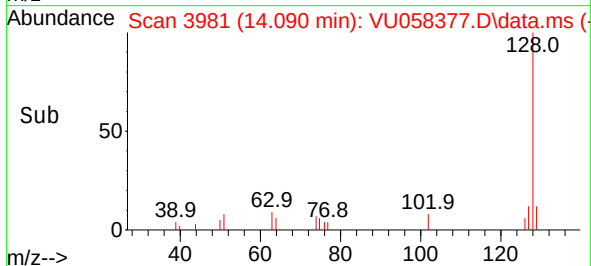
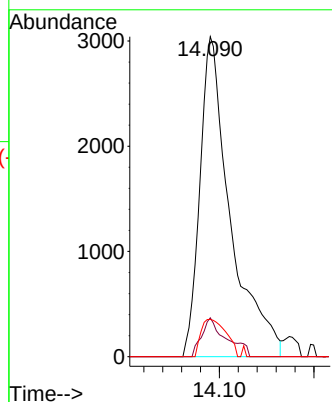


#71
Naphthalene
Concen: 0.676 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.007 min
Lab File: VU058377.D
Acq: 04 Apr 2024 19:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 6795
Ion Ratio Lower Upper
128 100
129 9.7 8.6 13.0
127 9.6 11.0 16.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.438 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU058377.D
Acq: 04 Apr 2024 19:15

Tgt Ion:180 Resp: 2653
Ion Ratio Lower Upper
180 100
182 95.1 75.9 113.9
145 27.4 25.2 37.8

