

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058348.D
 Acq On : 02 Apr 2024 19:42
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:06:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

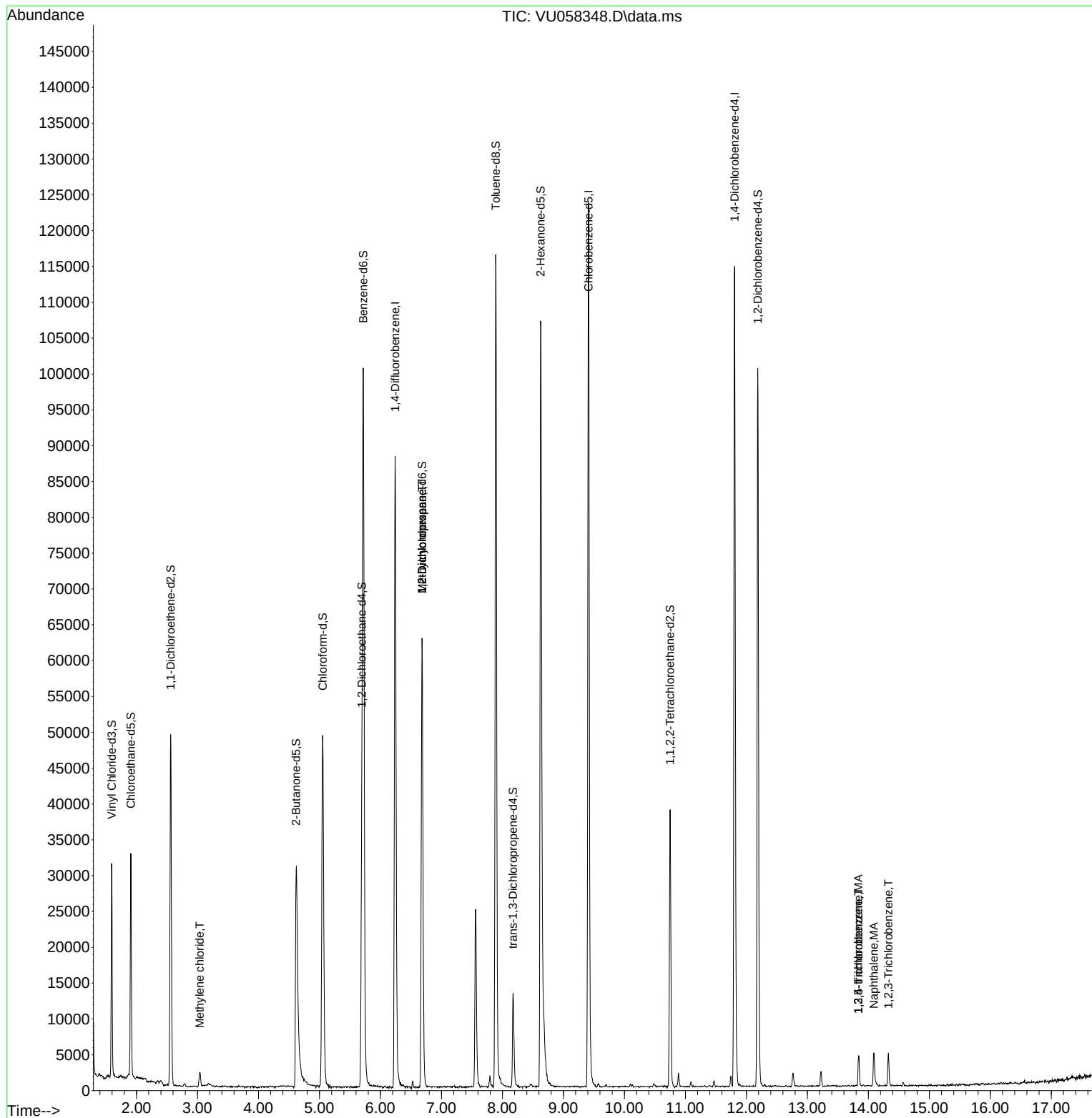
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71224	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31117	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20701	3.439	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.907	69	21866	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	9482	3.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.618	46	53118	49.676	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.360%
24) Chloroform-d	5.052	84	46658	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	23329	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.718	84	95900	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	30660	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.891	98	78985	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.174	79	8662	4.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.627	63	39350	45.613	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20311	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	25722	4.439	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	1025	0.203	ug/L	91
35) Methylcyclohexane	6.682	83	6400	0.966	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3215	0.631	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.836	180	1704	0.280	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	1704	0.375	ug/L	98
71) Naphthalene	14.090	128	5414	0.876	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	1824	0.491	ug/L	93

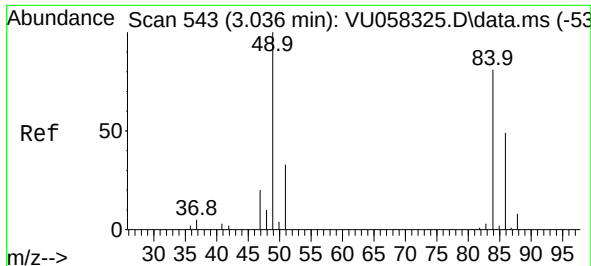
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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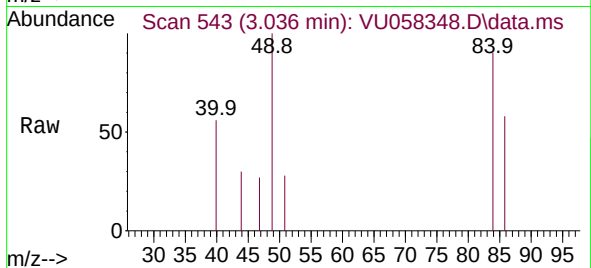
Quant Time: Apr 03 02:06:35 2024
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Quant Title : TRACE VOA SFAM1.0
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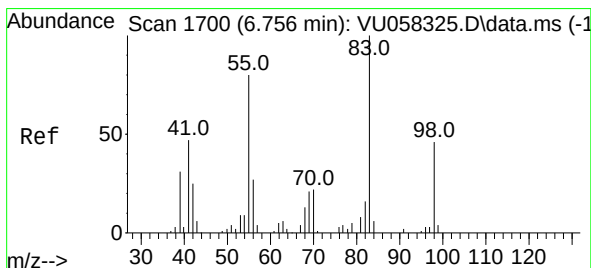
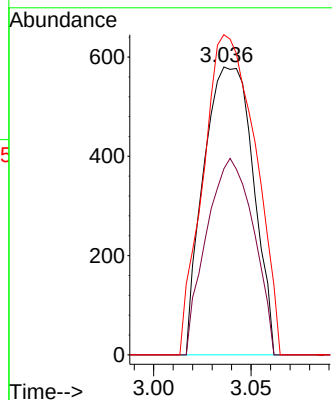
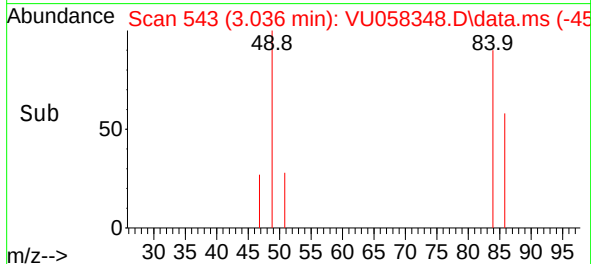


#16
Methylene chloride
Concen: 0.203 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU058348.D
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MSVOA_U
ClientSampleId :

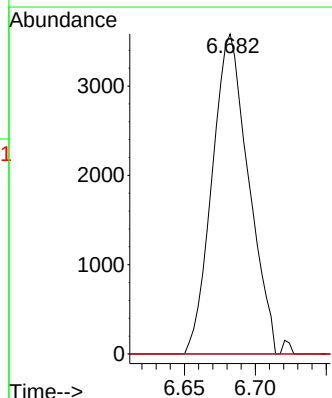
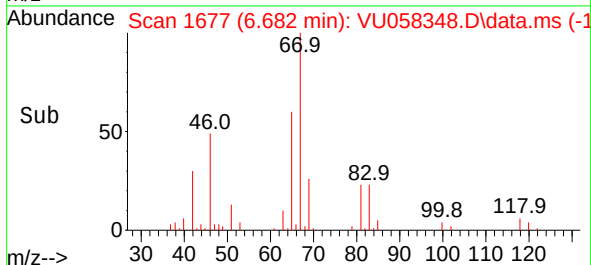
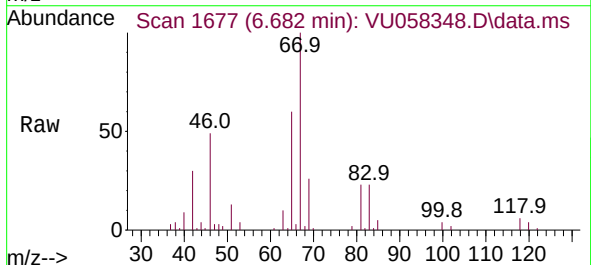


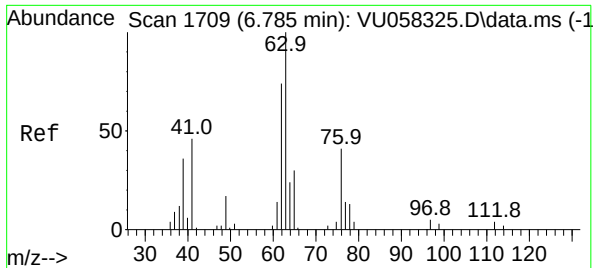
Tgt Ion: 84 Resp: 1025
Ion Ratio Lower Upper
84 100
86 64.7 45.6 84.6
49 111.2 88.3 163.9



#35
Methylcyclohexane
Concen: 0.966 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058348.D
Acq: 02 Apr 2024 19:42

Tgt Ion: 83 Resp: 6400
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 1.1 37.3 55.9#

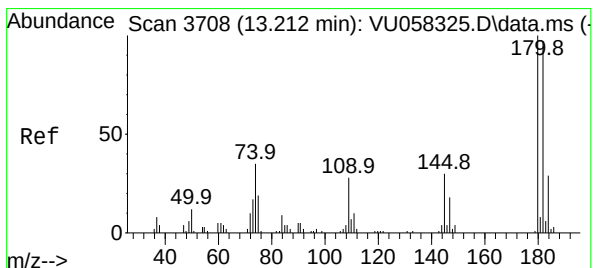
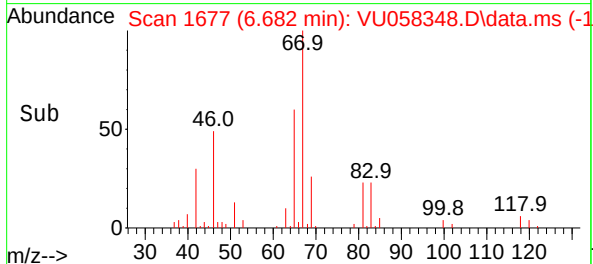
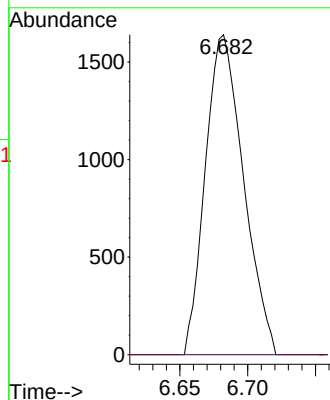
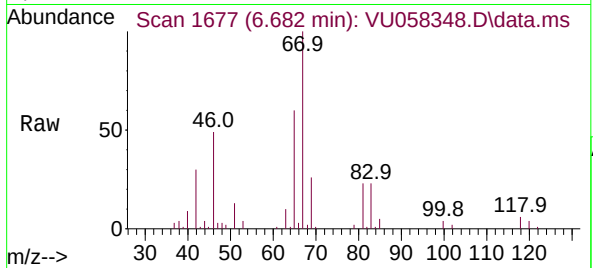




#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058348.D
Acq: 02 Apr 2024 19:42

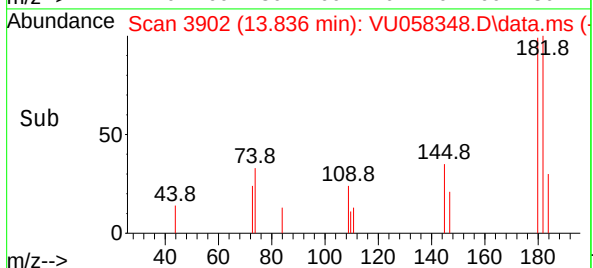
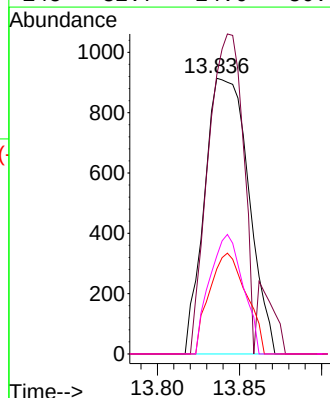
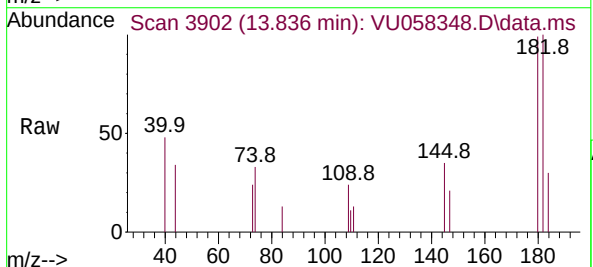
Instrument :
MSVOA_U
ClientSampleId :

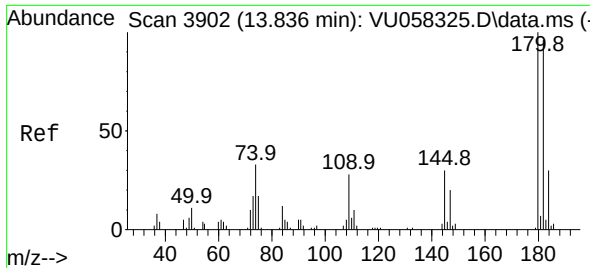
Tgt Ion: 63 Resp: 3215
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#69
1,3,5-Trichlorobenzene
Concen: 0.280 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.624 min
Lab File: VU058348.D
Acq: 02 Apr 2024 19:42

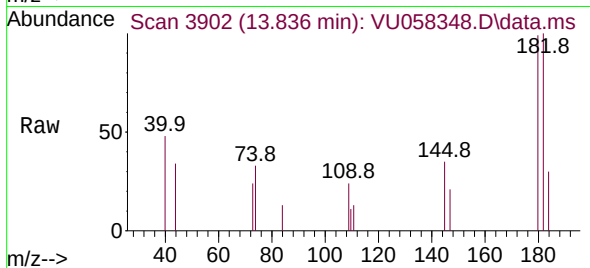
Tgt Ion:180 Resp: 1704
Ion Ratio Lower Upper
180 100
182 91.3 75.4 113.0
184 30.5 24.8 37.2
145 32.7 24.6 36.8



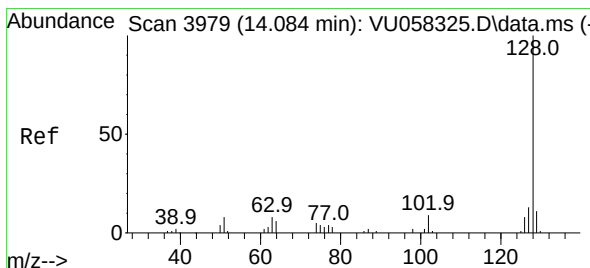
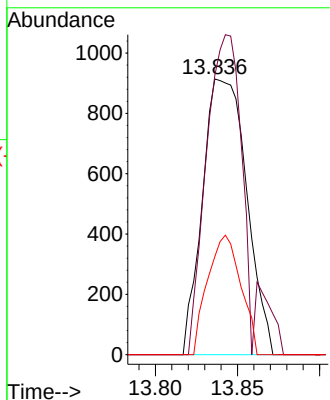
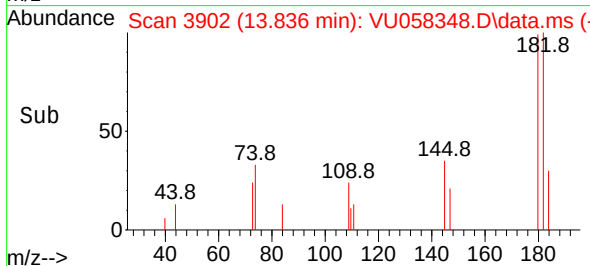


#70
1,2,4-trichlorobenzene
Concen: 0.375 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU058348.D
Acq: 02 Apr 2024 19:42

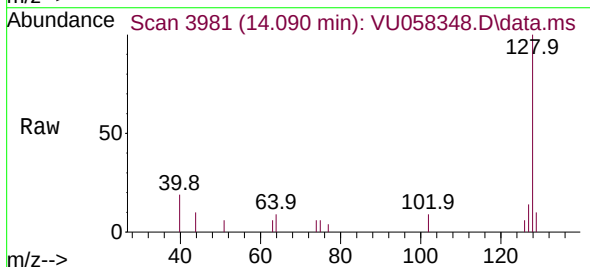
Instrument :
MSVOA_U
ClientSampleId :



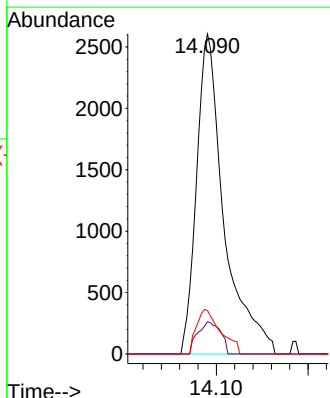
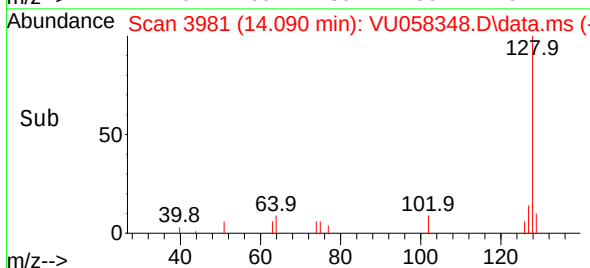
Tgt Ion:180 Resp: 1704
Ion Ratio Lower Upper
180 100
182 91.3 74.5 111.7
145 32.7 24.5 36.7

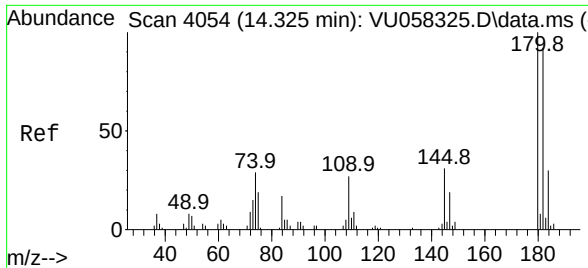


#71
Naphthalene
Concen: 0.876 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU058348.D
Acq: 02 Apr 2024 19:42



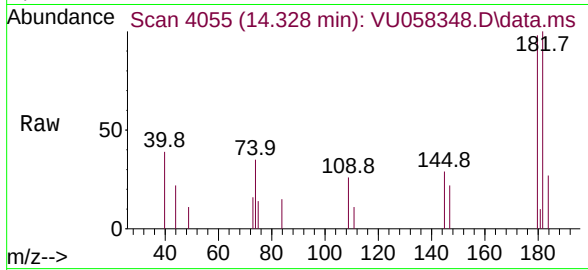
Tgt Ion:128 Resp: 5414
Ion Ratio Lower Upper
128 100
129 8.3 8.1 12.1
127 12.2 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.491 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.003 min
 Lab File: VU058348.D
 Acq: 02 Apr 2024 19:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1824
Ion	Ratio	Lower	Upper
180	100		
182	99.9	74.4	111.6
145	29.0	26.3	39.5

