

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056039.D
 Acq On : 01 Nov 2023 15:05
 Operator : MD/SY
 Sample : 05174-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:09:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

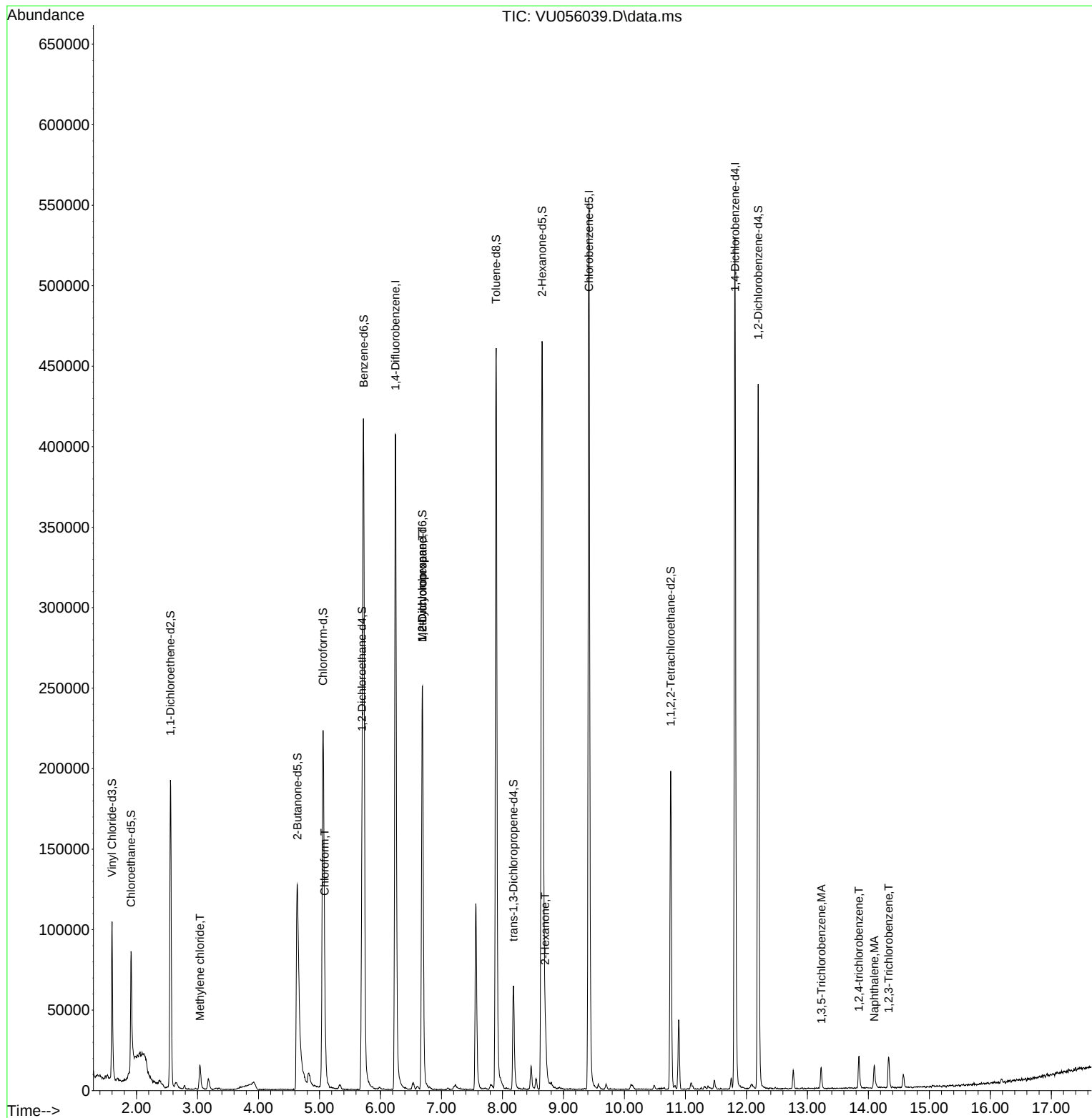
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	355620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	348200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	148608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	79224	2.816	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.400%	
7) Chloroethane-d5	1.911	69	63206	2.882	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	57.600%#	
11) 1,1-Dichloroethene-d2	2.557	65	37291	3.122	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	4.637	46	253109	50.434	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.860%	
24) Chloroform-d	5.058	84	209855	4.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
26) 1,2-Dichloroethane-d4	5.698	65	101874	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
32) Benzene-d6	5.724	84	415426	4.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.689	67	132135	4.297	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.000%	
41) Toluene-d8	7.897	98	337251	3.584	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
43) trans-1,3-Dichloroprop...	8.180	79	43494	3.617	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.650	63	213169	69.830	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	139.660%#	
56) 1,1,2,2-Tetrachloroeth...	10.759	84	104256	4.656	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	119234	4.300	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
16) Methylene chloride	3.039	84	8039	0.412	ug/L	98
25) Chloroform	5.084	83	35225	0.947	ug/L	99
35) Methylcyclohexane	6.689	83	31132	1.073	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	14102	0.691	ug/L #	89
48) 2-Hexanone	8.701	43	16775	2.169	ug/L	92
69) 1,3,5-Trichlorobenzene	13.228	180	4725	0.197	ug/L	94
70) 1,2,4-trichlorobenzene	13.846	180	7082	0.399	ug/L	97
71) Naphthalene	14.100	128	14581	0.568	ug/L	99
72) 1,2,3-Trichlorobenzene	14.331	180	7276	0.476	ug/L	93

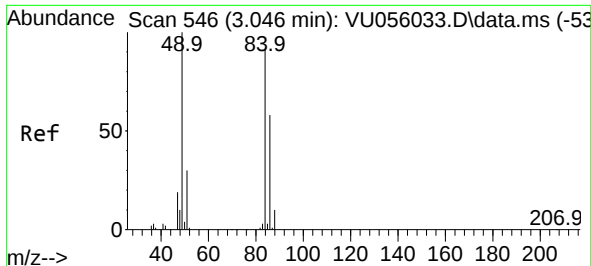
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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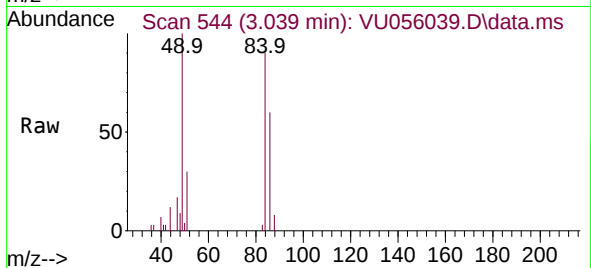
Quant Time: Nov 02 02:09:50 2023
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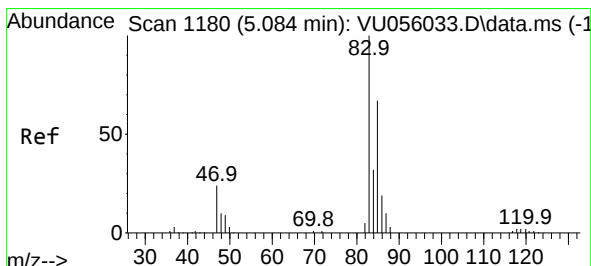
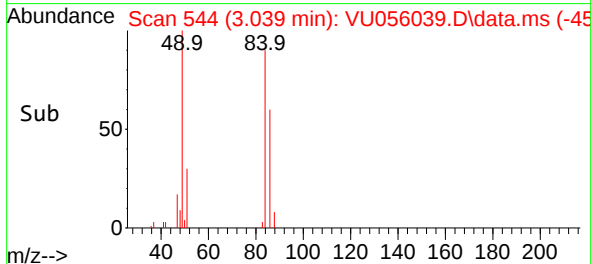
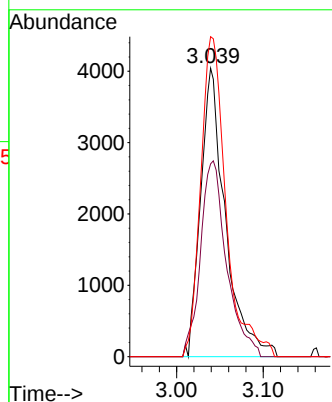


#16
Methylene chloride
Concen: 0.412 ug/L
RT: 3.039 min Scan# 546
Delta R.T. -0.007 min
Lab File: VU056039.D
Acq: 01 Nov 2023 15:05

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MSVOA_U
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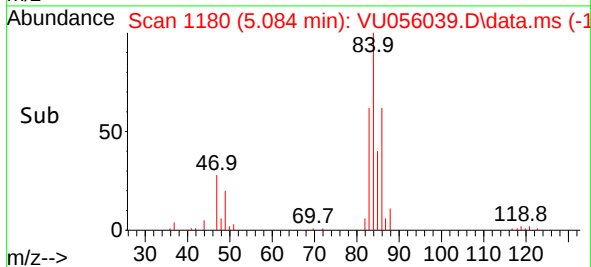
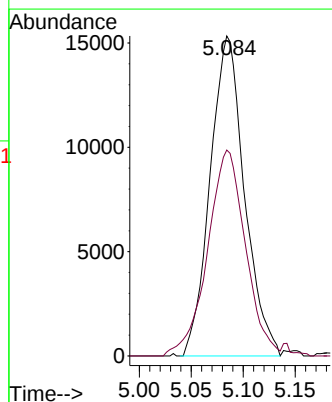
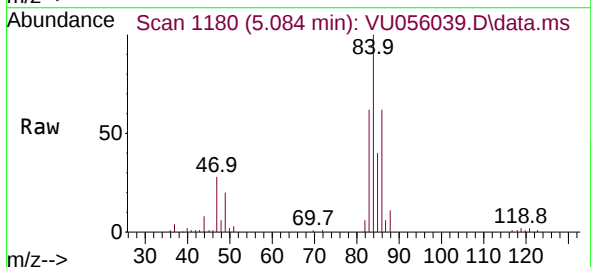


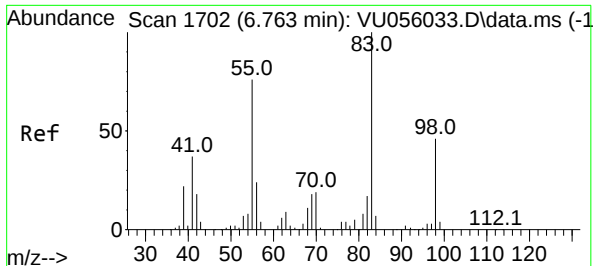
Tgt Ion: 84 Resp: 8039
Ion Ratio Lower Upper
84 100
86 66.8 45.2 84.0
49 110.9 78.8 146.3



#25
Chloroform
Concen: 0.947 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU056039.D
Acq: 01 Nov 2023 15:05

Tgt Ion: 83 Resp: 35225
Ion Ratio Lower Upper
83 100
85 64.3 45.6 84.8

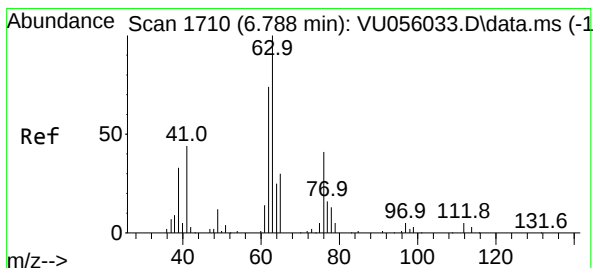
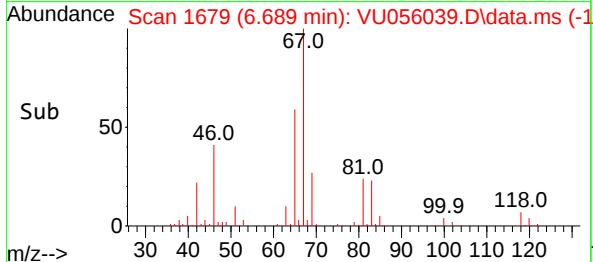
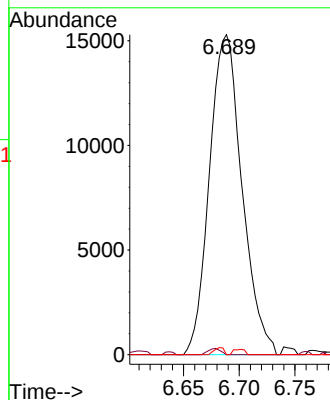
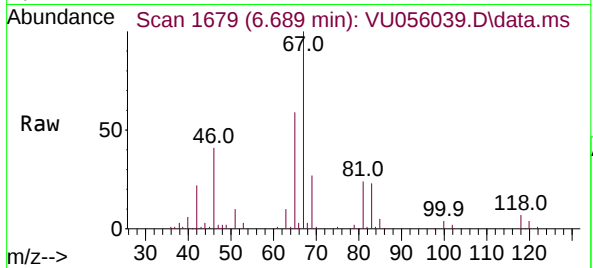




#35
Methylcyclohexane
Concen: 1.073 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056039.D
Acq: 01 Nov 2023 15:05

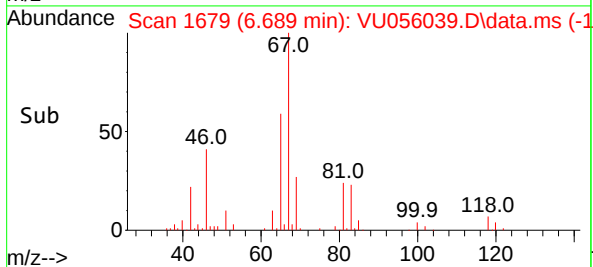
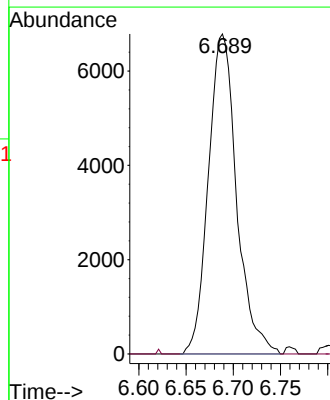
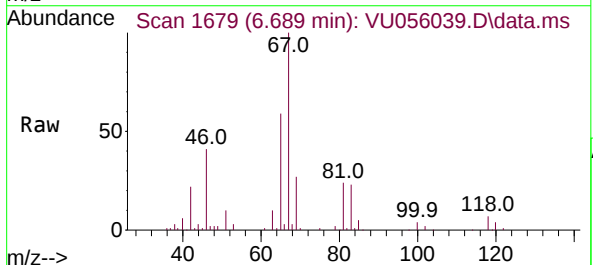
Instrument :
MSVOA_U
ClientSampleId :

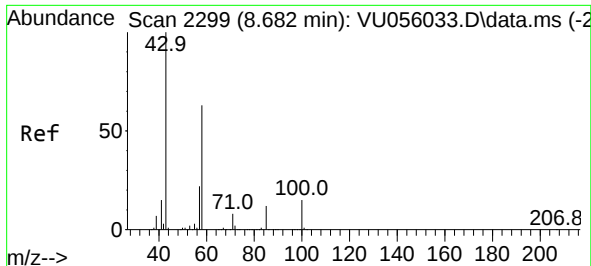
Tgt Ion: 83 Resp: 31132
Ion Ratio Lower Upper
83 100
55 0.7 62.4 93.6#
98 0.7 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU056039.D
Acq: 01 Nov 2023 15:05

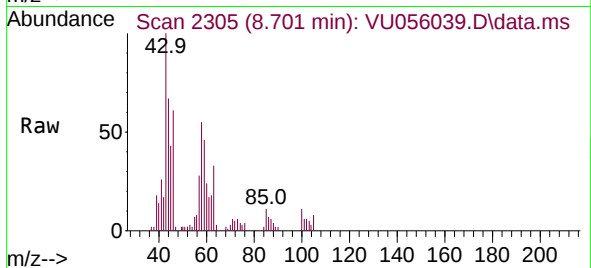
Tgt Ion: 63 Resp: 14102
Ion Ratio Lower Upper
63 100
112 0.1 3.1 4.7#



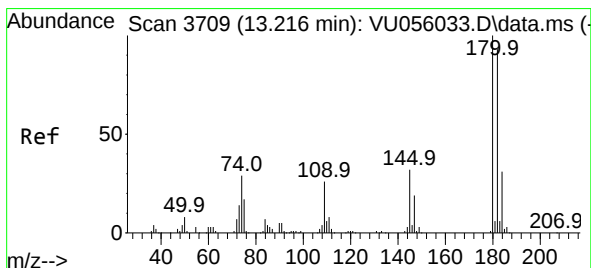
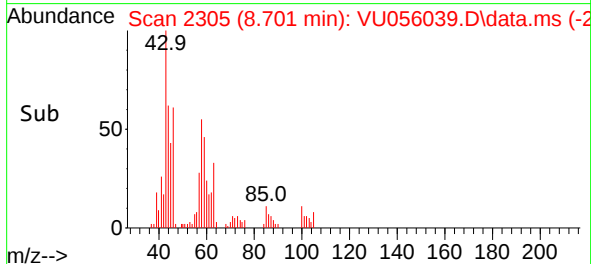
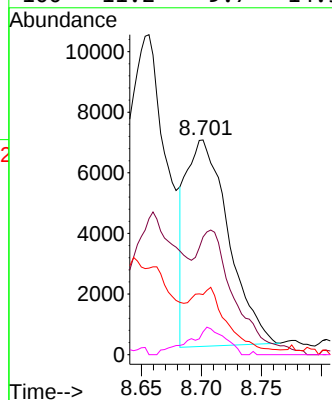


#48
2-Hexanone
Concen: 2.169 ug/L
RT: 8.701 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU056039.D
Acq: 01 Nov 2023 15:05

Instrument :
MSVOA_U
ClientSampleId :

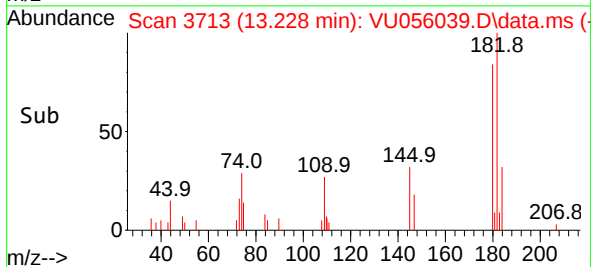
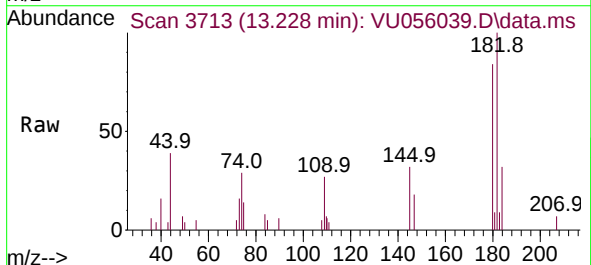
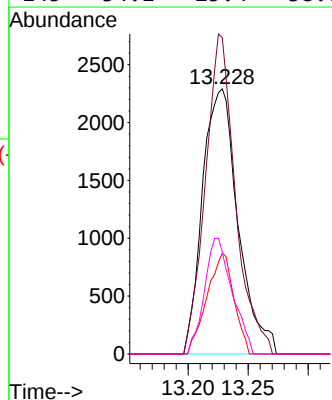


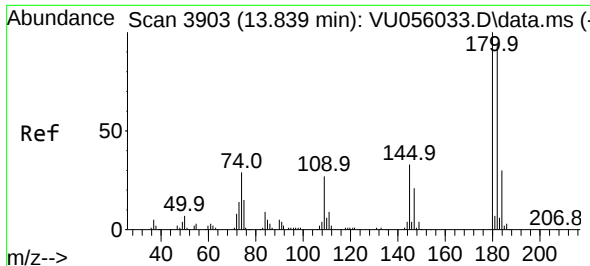
Tgt Ion: 43	Resp: 16775
Ion Ratio	Lower Upper
43 100	
58 53.8	49.5 74.3
57 22.6	16.9 25.3
100 11.2	9.7 14.5



#69
1,3,5-Trichlorobenzene
Concen: 0.197 ug/L
RT: 13.228 min Scan# 3713
Delta R.T. 0.013 min
Lab File: VU056039.D
Acq: 01 Nov 2023 15:05

Tgt	Ion:180	Resp:	4725
Ion	Ratio	Lower	Upper
180	100		
182	101.6	74.7	112.1
184	28.7	23.8	35.8
145	34.1	25.4	38.0

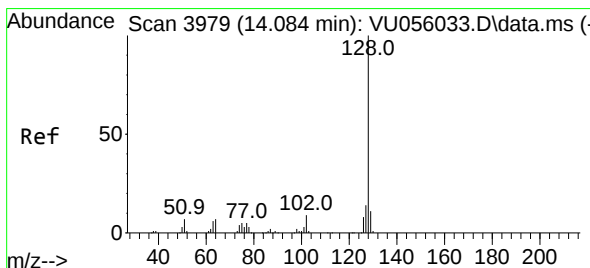
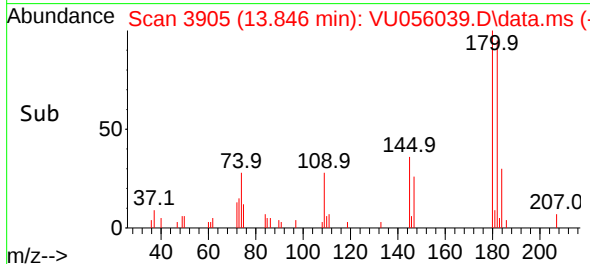
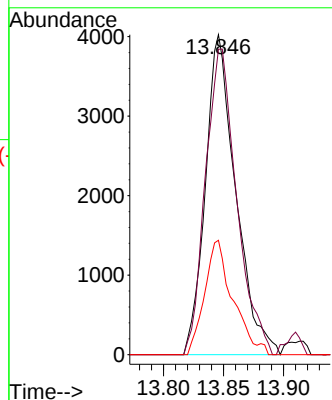
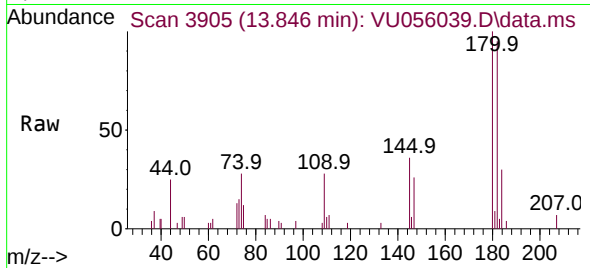




#70
1,2,4-trichlorobenzene
Concen: 0.399 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.006 min
Lab File: VU056039.D
Acq: 01 Nov 2023 15:05

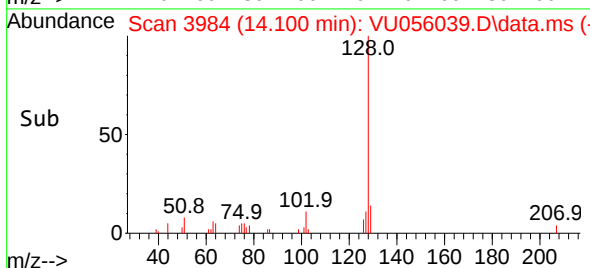
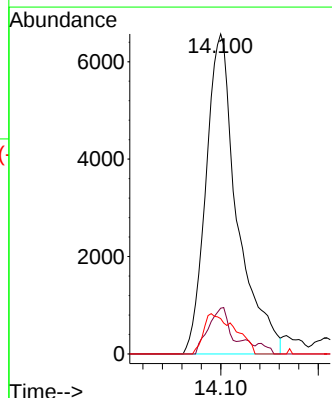
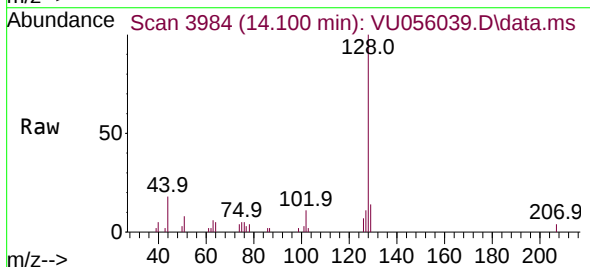
Instrument :
MSVOA_U
ClientSampleId :

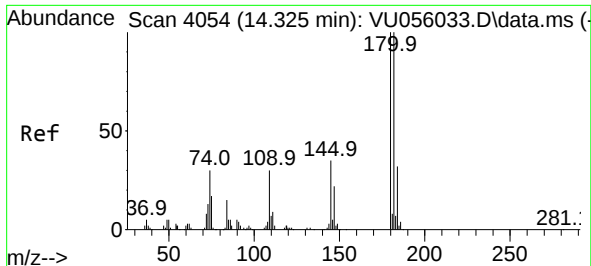
Tgt Ion:180 Resp: 7082
Ion Ratio Lower Upper
180 100
182 98.5 76.1 114.1
145 33.3 26.4 39.6



#71
Naphthalene
Concen: 0.568 ug/L
RT: 14.100 min Scan# 3984
Delta R.T. 0.016 min
Lab File: VU056039.D
Acq: 01 Nov 2023 15:05

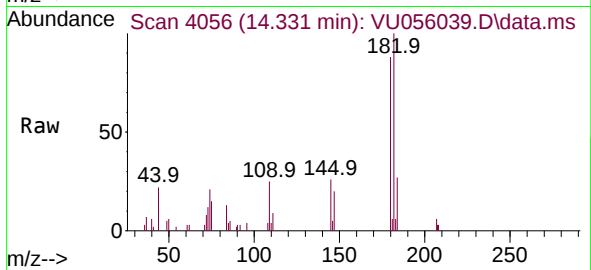
Tgt Ion:128 Resp: 14581
Ion Ratio Lower Upper
128 100
129 9.7 8.3 12.5
127 12.7 10.0 15.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.476 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.006 min
 Lab File: VU056039.D
 Acq: 01 Nov 2023 15:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	7276
Ion	Ratio	Lower	Upper
180	100		
182	100.8	74.6	112.0
145	31.2	27.4	41.2

