

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055100.D
 Acq On : 05 Sep 2023 17:38
 Operator : MD/SY
 Sample : 04250-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:19:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

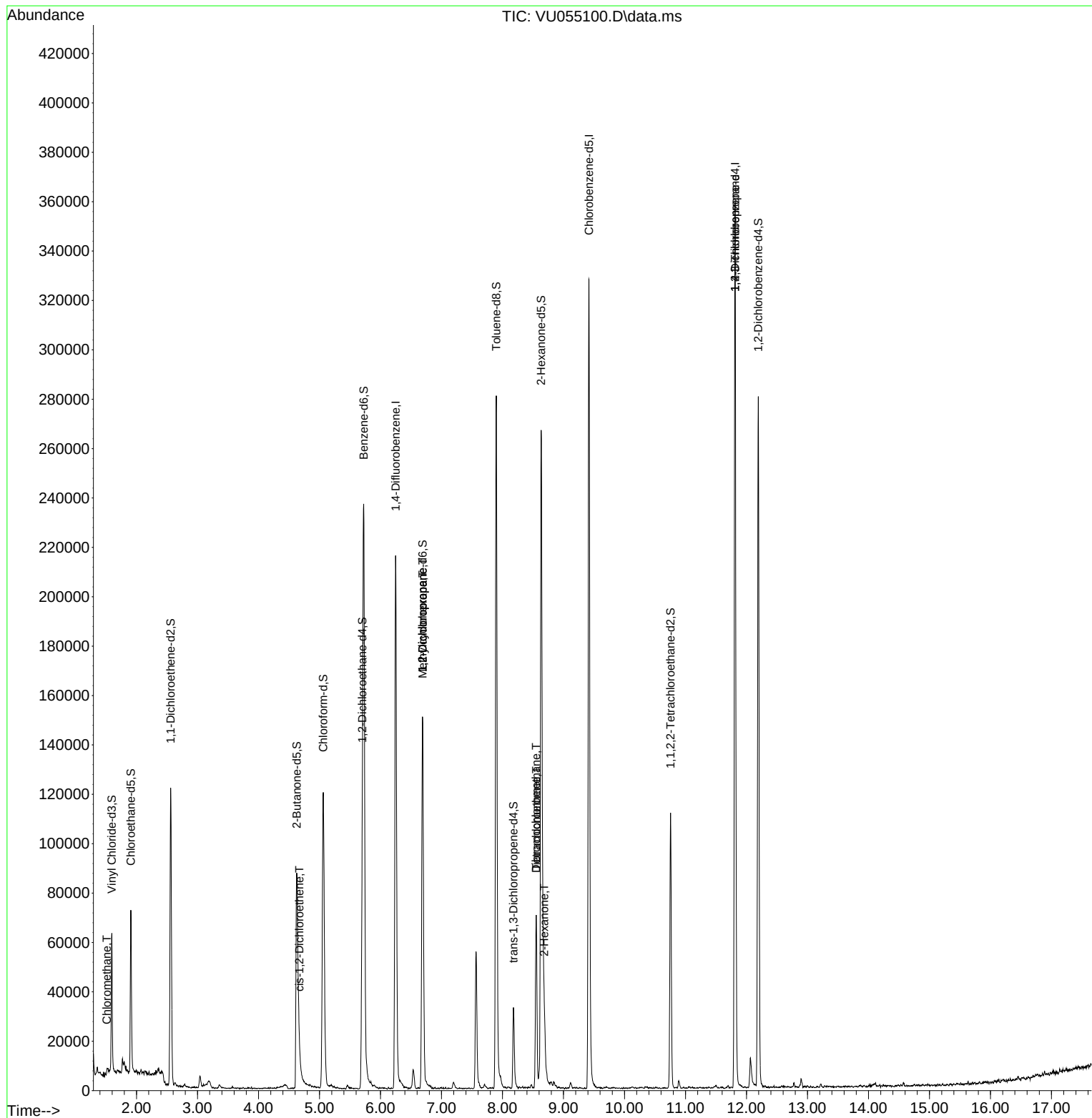
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	178721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	91146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37631	4.655	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.907	69	45466	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.560	65	23602	5.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	4.628	46	134672	57.402	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.800%
24) Chloroform-d	5.058	84	112074	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.702	65	59419	5.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.724	84	217400	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.689	67	72097	5.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.898	98	189404	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.181	79	18431	4.770	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.634	63	86108	54.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55200	5.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	69001	5.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1441	0.141	ug/L #	56
22) cis-1,2-Dichloroethene	4.669	96	2020	0.204	ug/L	91
35) Methylcyclohexane	6.692	83	16359	1.103	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	7876	0.761	ug/L #	90
47) Tetrachloroethene	8.553	164	15193	2.079	ug/L	95
48) 2-Hexanone	8.685	43	15124	3.269	ug/L #	90
49) Dibromochloromethane	8.550	129	15065	1.979	ug/L #	9
61) 1,2,3-Trichloropropane	11.814	75	12707	2.101	ug/L #	71

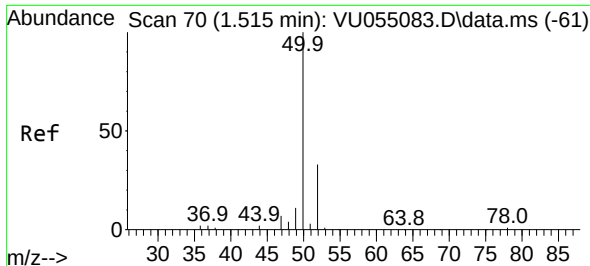
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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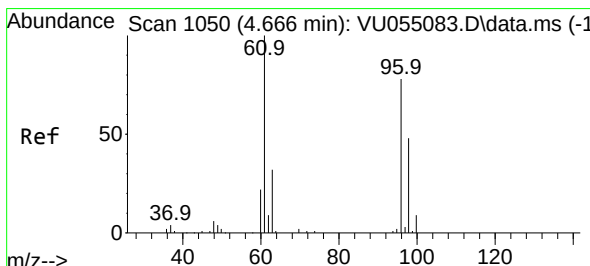
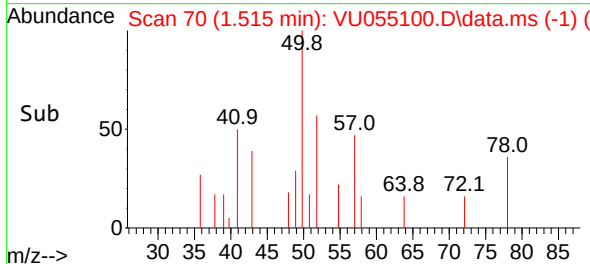
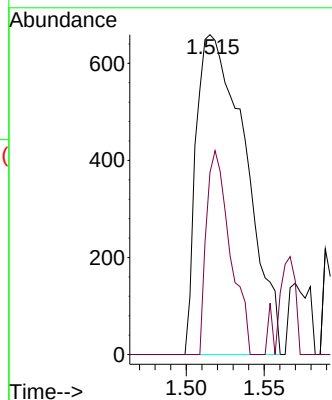
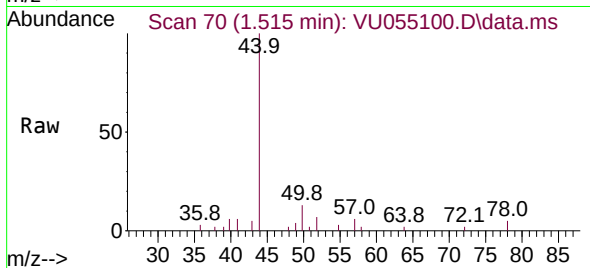




#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU055100.D
Acq: 05 Sep 2023 17:38

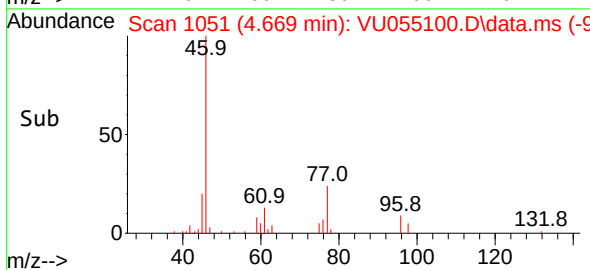
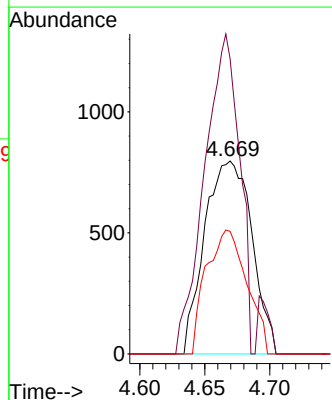
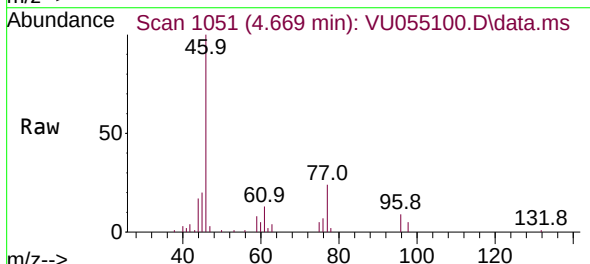
Instrument :
MSVOA_U
ClientSampleId :

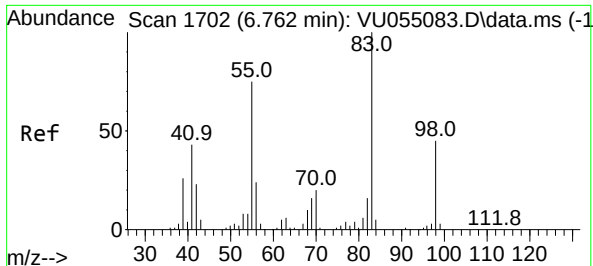
Tgt Ion: 50 Resp: 1441
Ion Ratio Lower Upper
50 100
52 56.9 22.5 41.7#



#22
cis-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU055100.D
Acq: 05 Sep 2023 17:38

Tgt Ion: 96 Resp: 2020
Ion Ratio Lower Upper
96 100
61 152.9 97.2 180.4
98 63.5 46.1 85.7





#35

Methylcyclohexane

Concen: 1.103 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.071 min

Lab File: VU055100.D

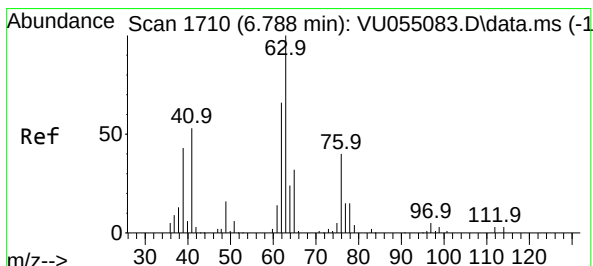
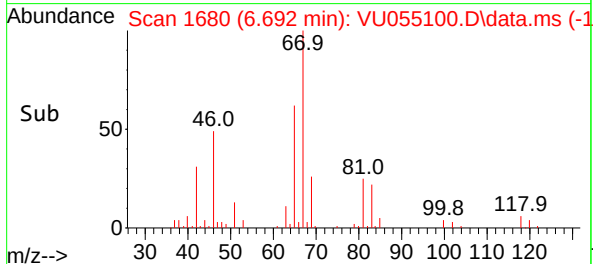
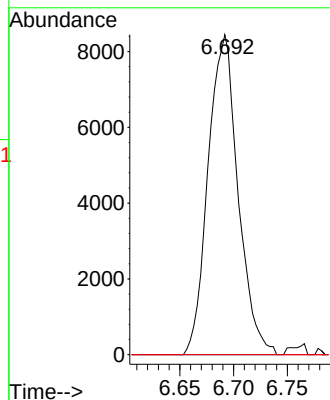
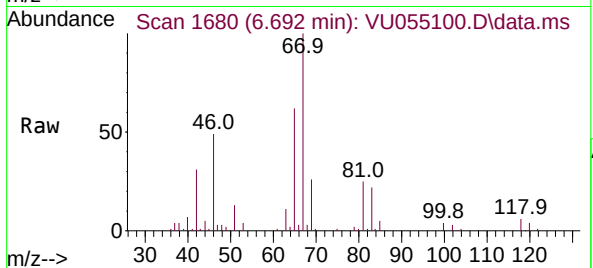
Acq: 05 Sep 2023 17:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	16359
Ion Ratio	Lower	Upper	
83	100		
55	0.1	60.4	90.6#
98	0.9	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.761 ug/L

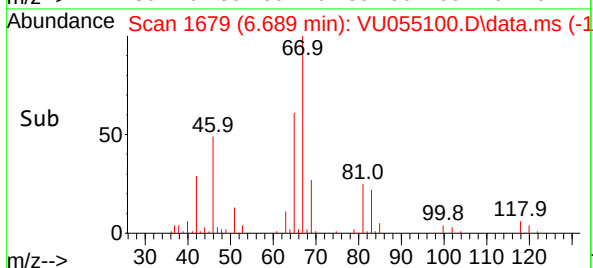
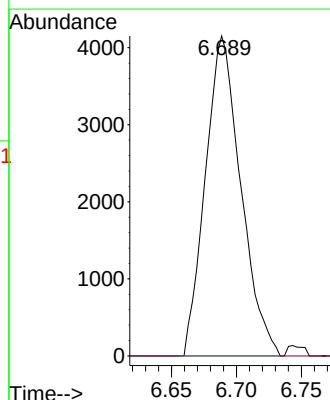
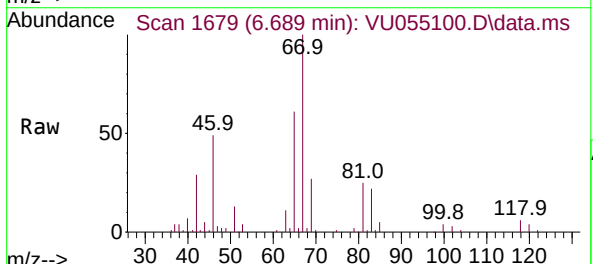
RT: 6.689 min Scan# 1679

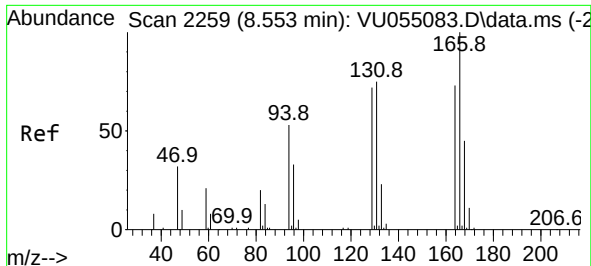
Delta R.T. -0.100 min

Lab File: VU055100.D

Acq: 05 Sep 2023 17:38

Tgt Ion:	63	Resp:	7876
Ion Ratio	Lower	Upper	
63	100		
112	0.6	3.2	4.8#





#47

Tetrachloroethene

Concen: 2.079 ug/L

RT: 8.553 min Scan# 21

Delta R.T. 0.000 min

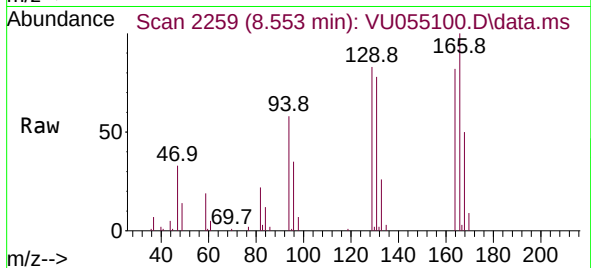
Lab File: VU055100.D

Acq: 05 Sep 2023 17:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 15193

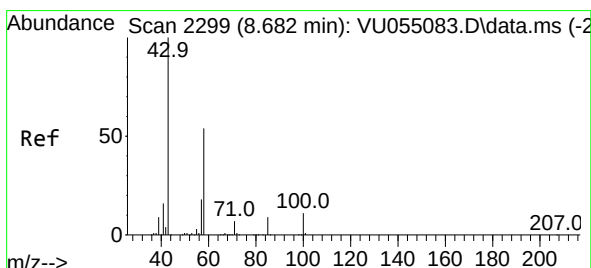
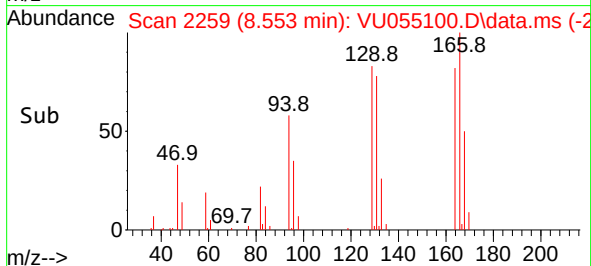
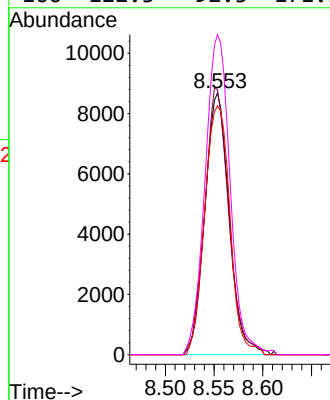
Ion Ratio Lower Upper

164 100

129 101.3 69.2 128.6

131 95.1 68.8 127.8

166 122.3 92.3 171.5



#48

2-Hexanone

Concen: 3.269 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055100.D

Acq: 05 Sep 2023 17:38

Tgt Ion: 43 Resp: 15124

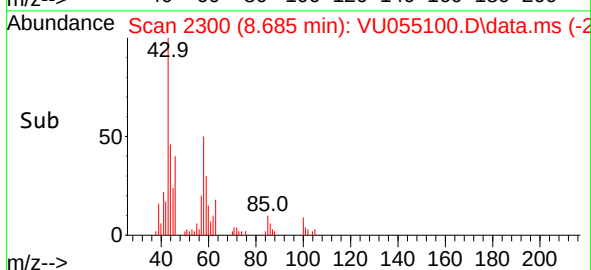
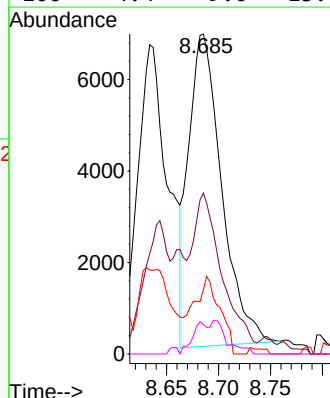
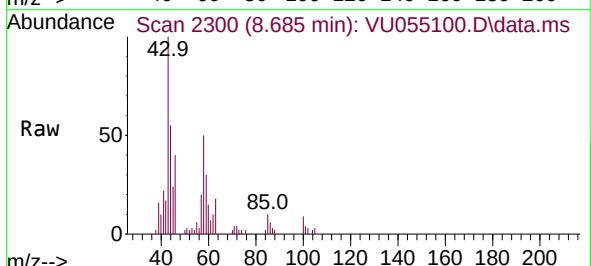
Ion Ratio Lower Upper

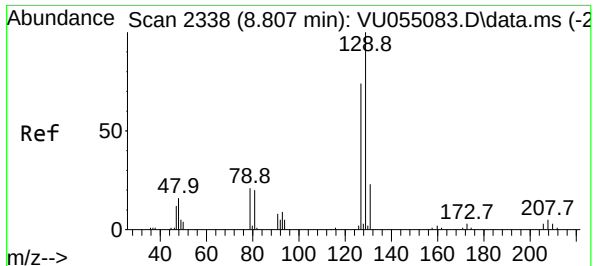
43 100

58 46.6 44.0 66.0

57 19.6 16.2 24.2

100 4.4 9.0 13.4#





#49

Dibromochloromethane

Concen: 1.979 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055100.D

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Instrument :

MSVOA_U

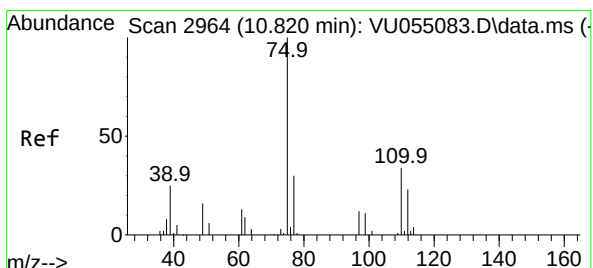
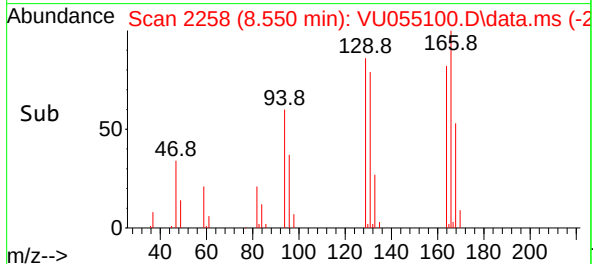
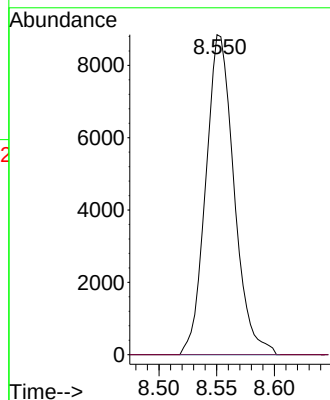
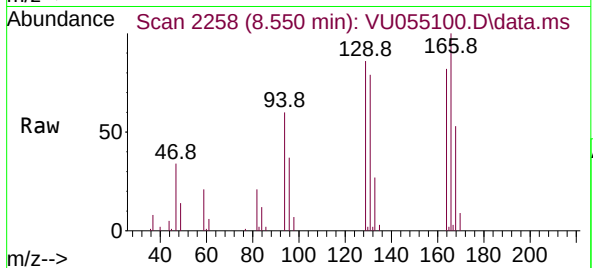
ClientSampleId :

Tgt Ion:129 Resp: 15065

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.101 ug/L

RT: 11.814 min Scan# 3273

Delta R.T. 0.994 min

Lab File: VU055100.D

Acq: 05 Sep 2023 17:38

Tgt Ion: 75 Resp: 12707

Ion Ratio Lower Upper

75 100

110 3.7 28.2 42.2#

77 34.5 26.2 39.4

