

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055048.D
 Acq On : 01 Sep 2023 18:26
 Operator : MD/SY
 Sample : 04209-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:48:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

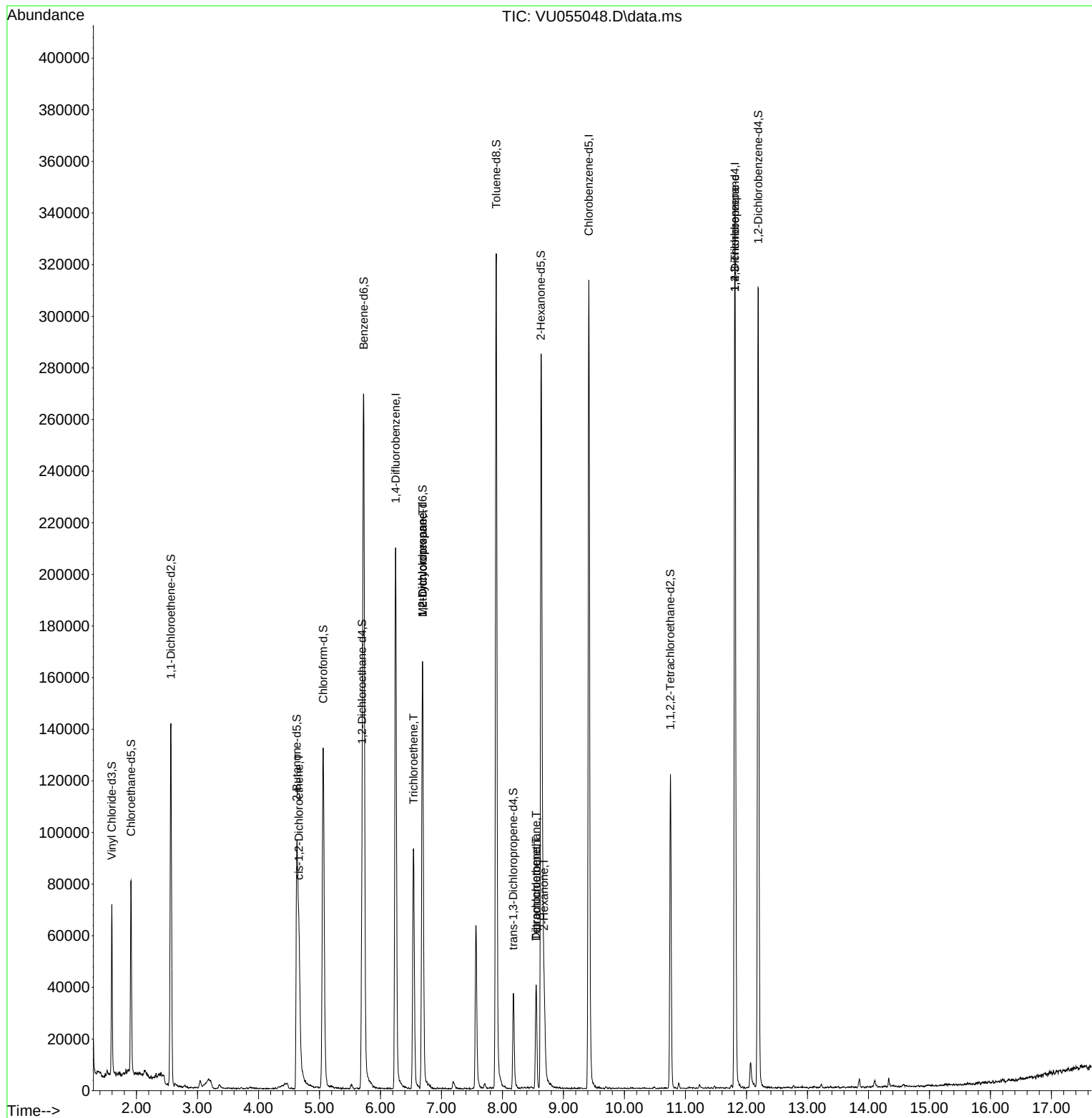
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	168338	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	170439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43365	5.496	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.000%		
7) Chloroethane-d5	1.911	69	52432	5.741	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 114.800%		
11) 1,1-Dichloroethene-d2	2.563	65	27147	6.039	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 120.800%		
20) 2-Butanone-d5	4.628	46	155549	67.939	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 135.880%#		
24) Chloroform-d	5.059	84	122244	5.839	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 116.800%		
26) 1,2-Dichloroethane-d4	5.698	65	66645	6.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 127.200%		
32) Benzene-d6	5.724	84	247130	5.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 117.400%		
36) 1,2-Dichloropropane-d6	6.689	67	78110	5.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.800%		
41) Toluene-d8	7.898	98	217920	5.623	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.400%		
43) trans-1,3-Dichloroprop...	8.177	79	20602	5.591	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 111.800%		
46) 2-Hexanone-d5	8.631	63	94107	62.904	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 125.800%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58587	6.226	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 124.600%#		
66) 1,2-Dichlorobenzene-d4	12.193	152	76020	6.027	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 120.600%#		
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.663	96	17325	1.792	ug/L	92
34) Trichloroethene	6.541	95	31254	3.100	ug/L	94
35) Methylcyclohexane	6.689	83	18379	1.299	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	9296	0.941	ug/L #	88
47) Tetrachloroethene	8.550	164	8972	1.288	ug/L	94
48) 2-Hexanone	8.682	43	19417	4.400	ug/L #	86
49) Dibromochloromethane	8.550	129	8773	1.208	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	11929	2.080	ug/L #	69

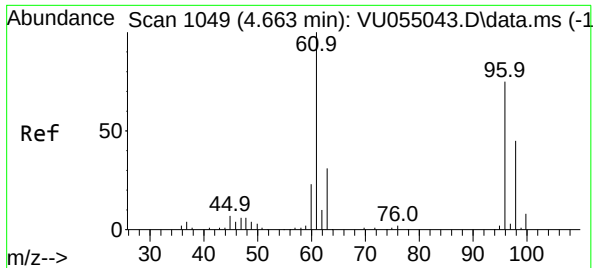
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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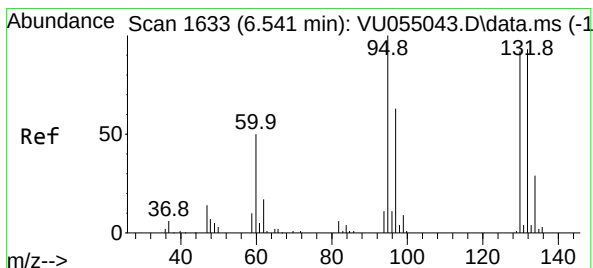
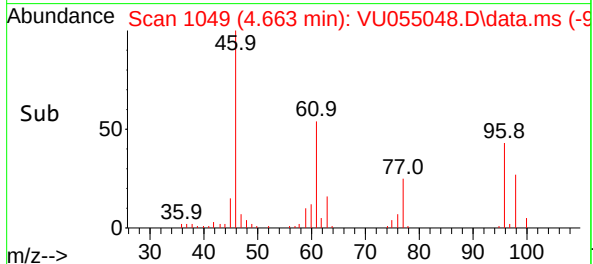
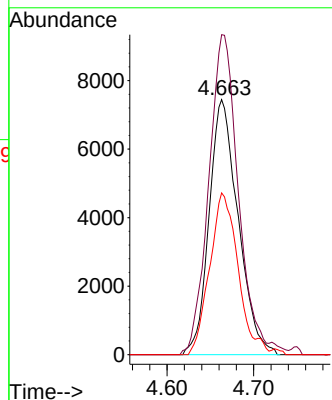
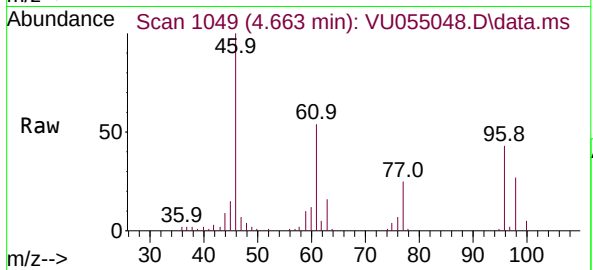




#22
 cis-1,2-Dichloroethene
 Concen: 1.792 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055048.D
 Acq: 01 Sep 2023 18:26

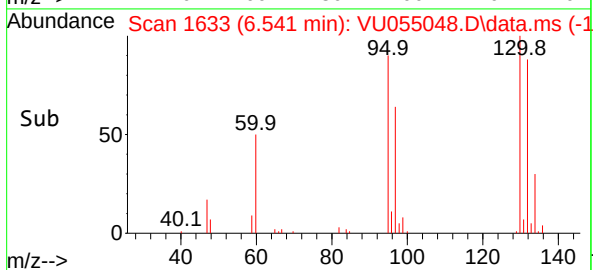
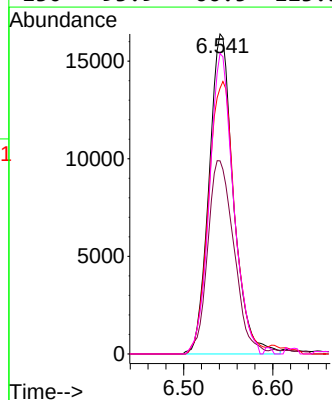
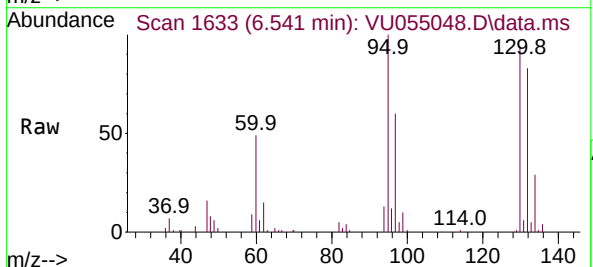
Instrument :
 MSVOA_U
 ClientSampleId :

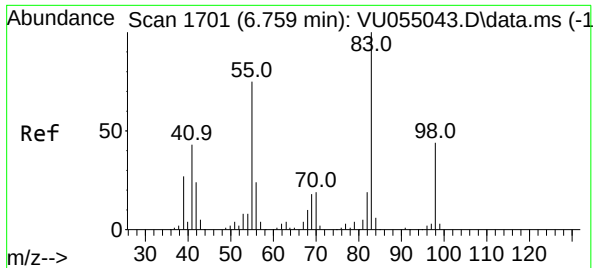
Tgt Ion: 96 Resp: 17325
 Ion Ratio Lower Upper
 96 100
 61 125.5 97.2 180.4
 98 63.4 46.1 85.7



#34
 Trichloroethene
 Concen: 3.100 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055048.D
 Acq: 01 Sep 2023 18:26

Tgt Ion: 95 Resp: 31254
 Ion Ratio Lower Upper
 95 100
 97 60.3 44.7 83.1
 132 83.0 66.6 123.6
 130 93.9 66.5 123.5

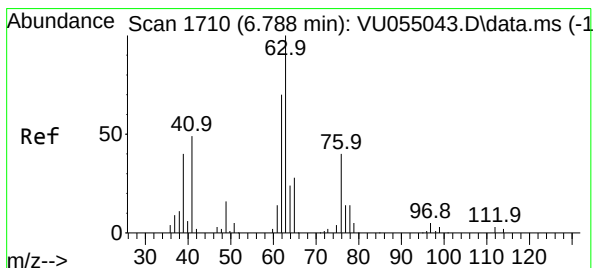
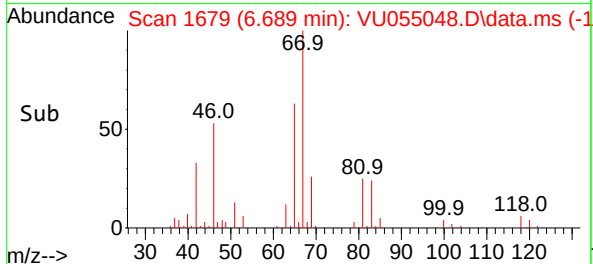
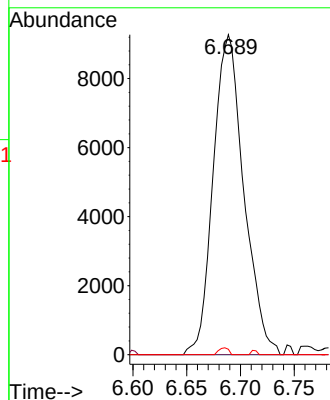
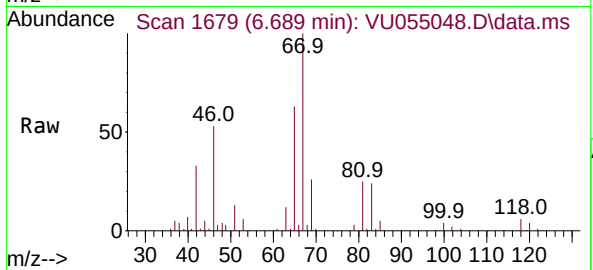




#35
Methylcyclohexane
Concen: 1.299 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055048.D
Acq: 01 Sep 2023 18:26

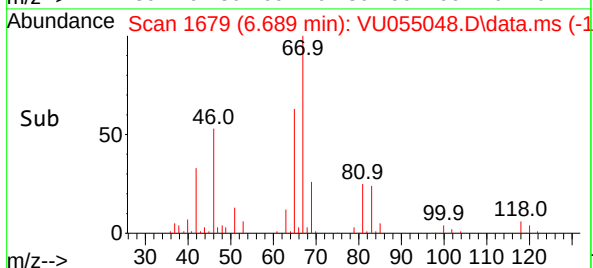
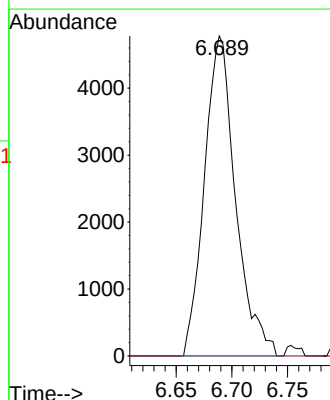
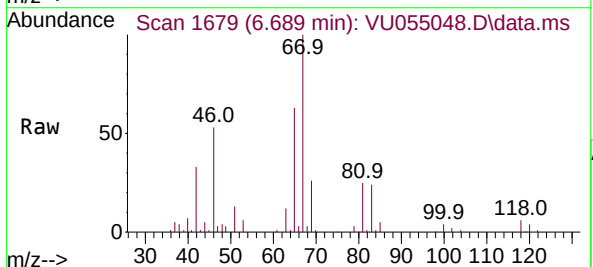
Instrument :
MSVOA_U
ClientSampleId :

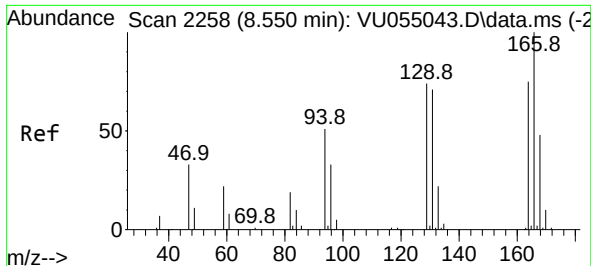
Tgt Ion: 83 Resp: 18379
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.7 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.941 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055048.D
Acq: 01 Sep 2023 18:26

Tgt Ion: 63 Resp: 9296
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 1.288 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

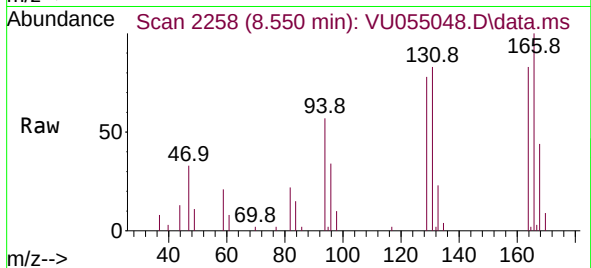
Lab File: VU055048.D

Acq: 01 Sep 2023 18:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 8972

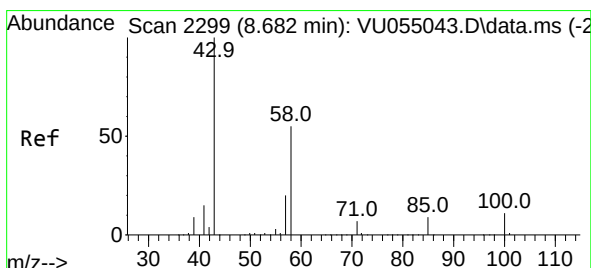
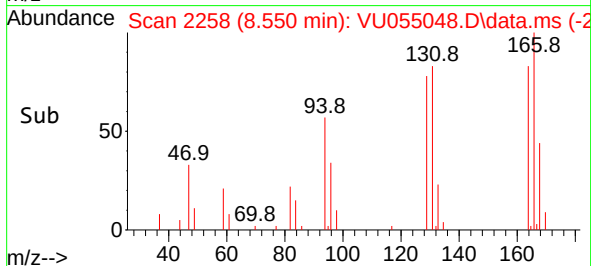
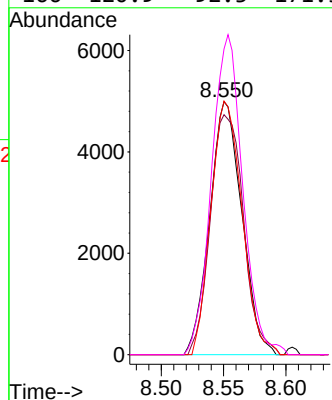
Ion Ratio Lower Upper

164 100

129 94.9 69.2 128.6

131 100.2 68.8 127.8

166 120.9 92.3 171.5



#48

2-Hexanone

Concen: 4.400 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055048.D

Acq: 01 Sep 2023 18:26

Tgt Ion: 43 Resp: 19417

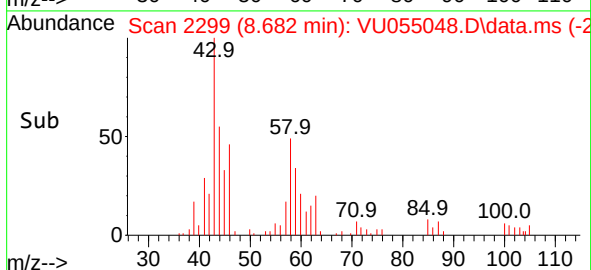
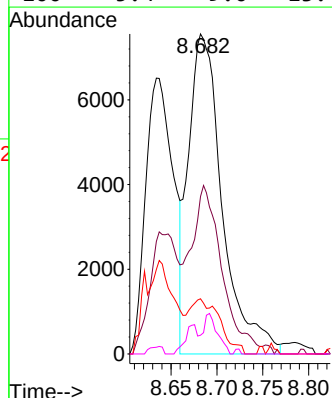
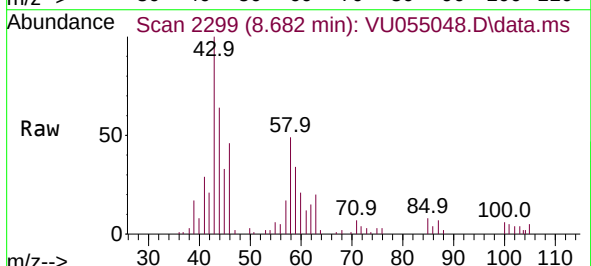
Ion Ratio Lower Upper

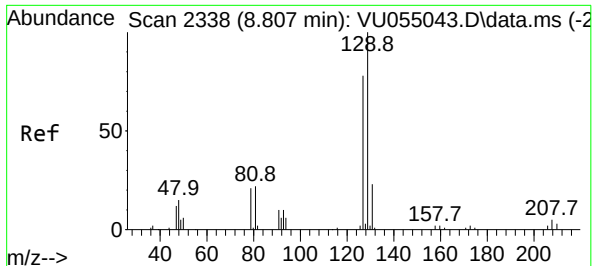
43 100

58 44.4 44.0 66.0

57 15.1 16.2 24.2#

100 5.4 9.0 13.4#





#49

Dibromochloromethane

Concen: 1.208 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055048.D

Acq: 01 Sep 2023 18:26

Instrument :

MSVOA_U

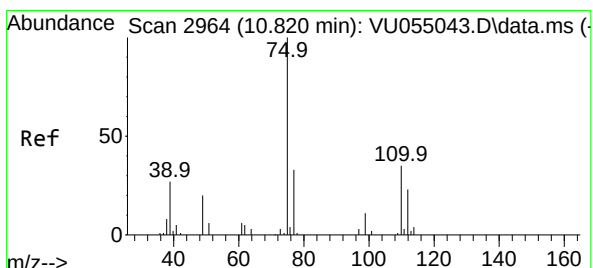
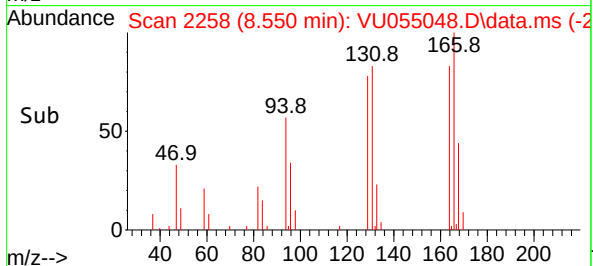
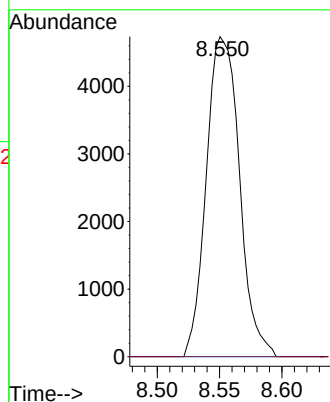
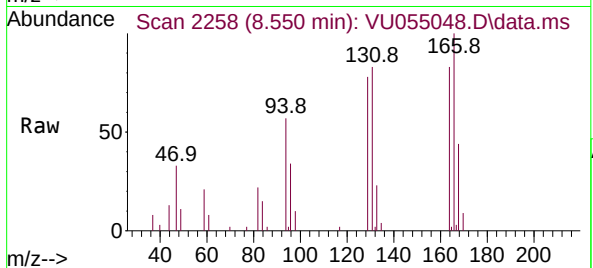
ClientSampleId :

Tgt Ion:129 Resp: 8773

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.080 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055048.D

Acq: 01 Sep 2023 18:26

Tgt Ion: 75 Resp: 11929

Ion Ratio Lower Upper

75 100

110 2.2 28.2 42.2#

77 34.2 26.2 39.4

