

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055980.D
 Acq On : 28 Oct 2023 17:42
 Operator : MD/SY
 Sample : 05114-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:55:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

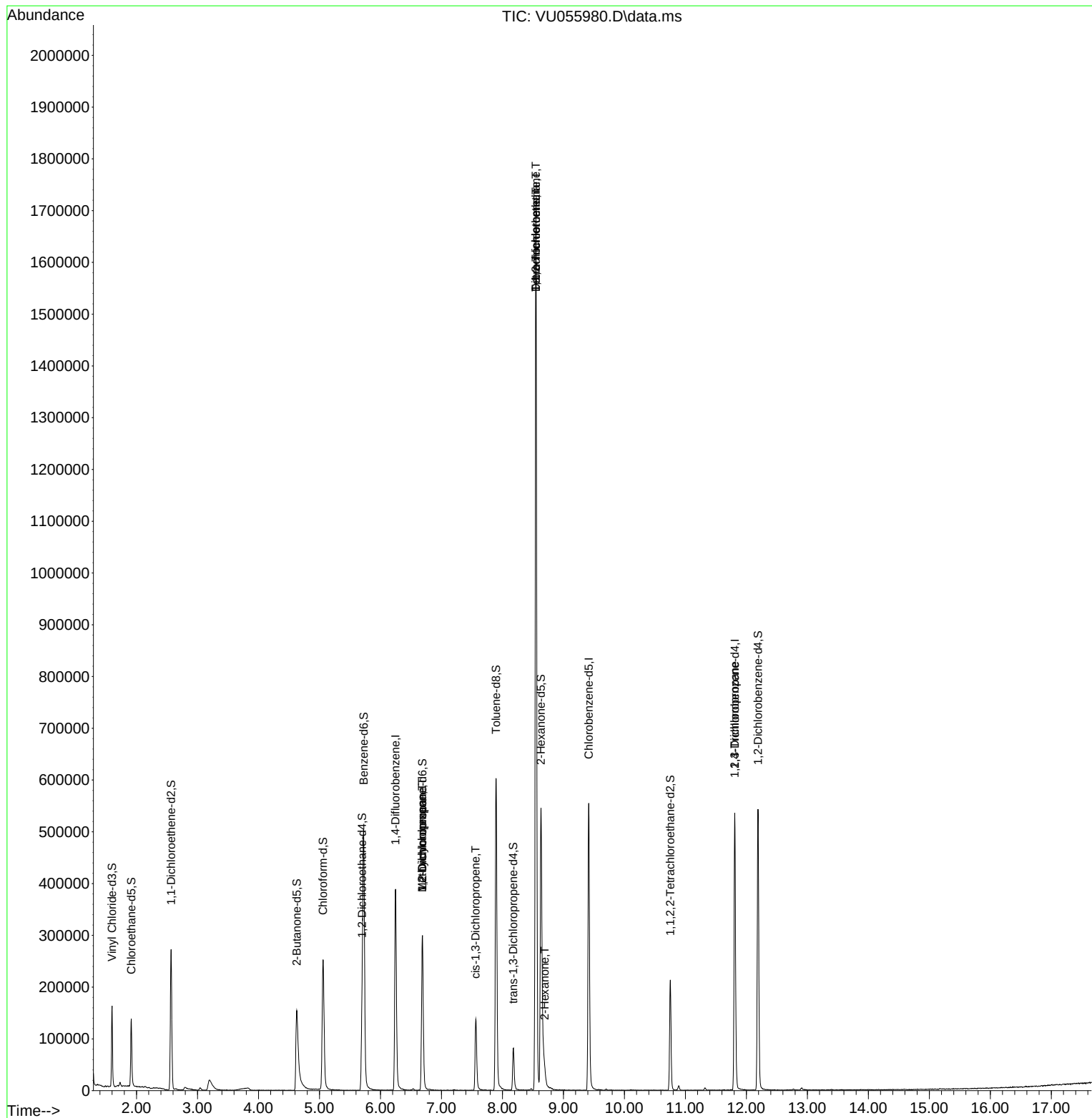
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	329839	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	335752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	153937	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	112356	4.306	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.914	69	99052	4.870	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.567	65	51282	4.630	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	4.628	46	239014	51.348	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.700%	
24) Chloroform-d	5.058	84	244613	5.059	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.698	65	115171	4.889	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.724	84	499418	4.994	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	6.689	67	154287	5.204	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.894	98	424166	4.675	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.177	79	50911	4.390	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.631	63	199160	67.660	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	135.320%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110575	5.121	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	155574	5.417	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	37245	1.331	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	16025	0.815	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	4207	0.150	ug/L #	77
45) 1,1,2-Trichloroethane	8.550	97	3430	0.248	ug/L #	6
47) Tetrachloroethene	8.550	164	385275	26.543	ug/L	97
48) 2-Hexanone	8.692	43	22098	2.963	ug/L #	75
49) Dibromochloromethane	8.550	129	379183	24.970	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	17442	1.650	ug/L #	67

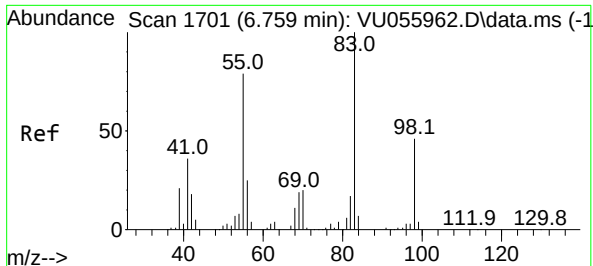
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 30 04:51:15 2023
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#35

Methylcyclohexane

Concen: 1.331 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055980.D

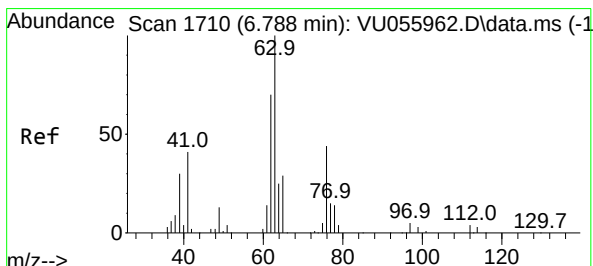
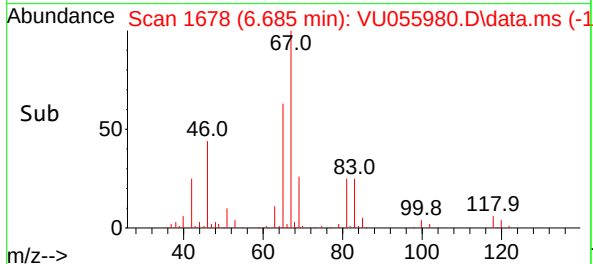
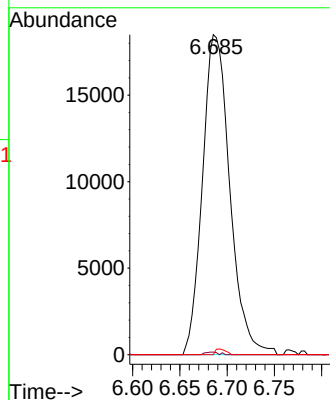
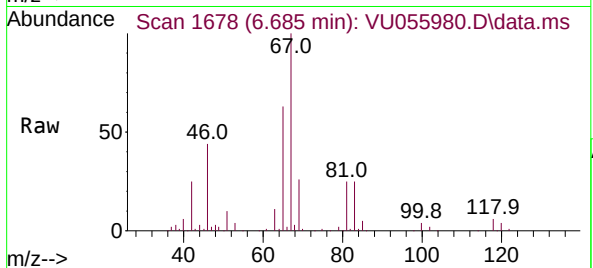
Acq: 28 Oct 2023 17:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	37245
Ion Ratio	Lower	Upper	
83	100		
55	0.4	62.4	93.6#
98	0.7	37.4	56.2#



#37

1,2-Dichloropropane

Concen: 0.815 ug/L

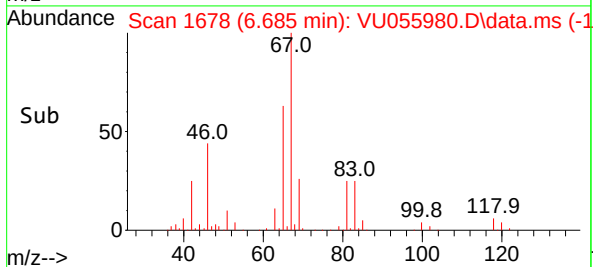
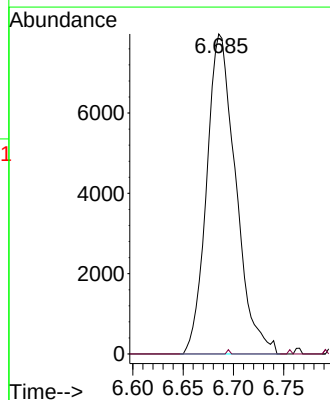
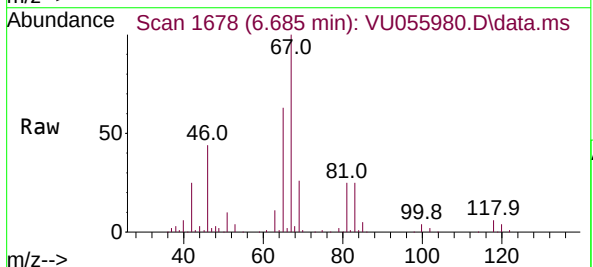
RT: 6.685 min Scan# 1678

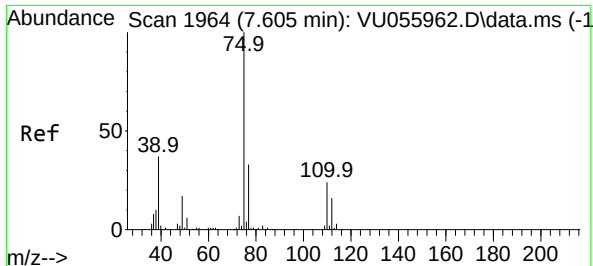
Delta R.T. -0.103 min

Lab File: VU055980.D

Acq: 28 Oct 2023 17:42

Tgt Ion:	63	Resp:	16025
Ion Ratio	Lower	Upper	
63	100		
112	0.1	3.1	4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.150 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

Lab File: VU055980.D

Acq: 28 Oct 2023 17:42

Instrument :

MSVOA_U

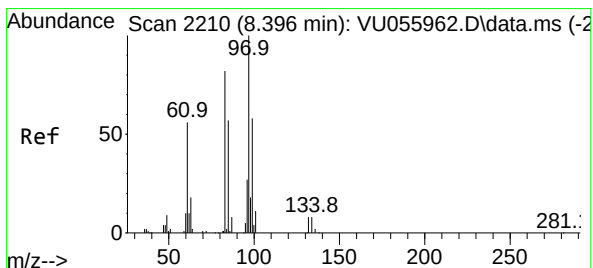
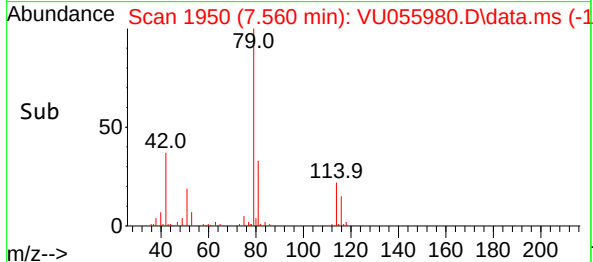
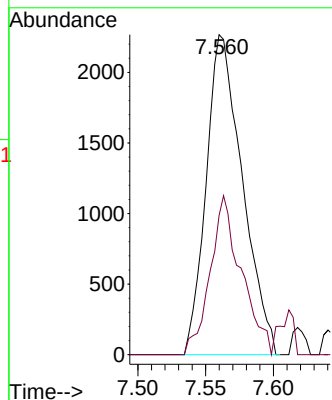
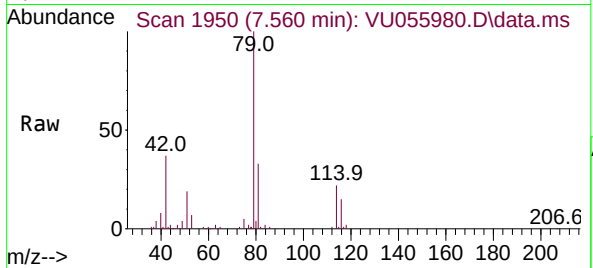
ClientSampleId :

Tgt Ion: 75 Resp: 4207

Ion Ratio Lower Upper

75 100

77 43.5 21.7 40.3#



#45

1,1,2-Trichloroethane

Concen: 0.248 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.154 min

Lab File: VU055980.D

Acq: 28 Oct 2023 17:42

Tgt Ion: 97 Resp: 3430

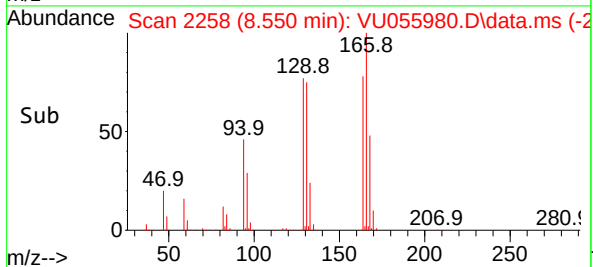
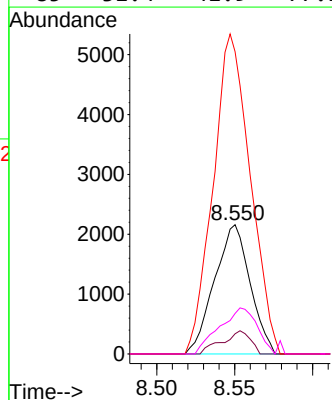
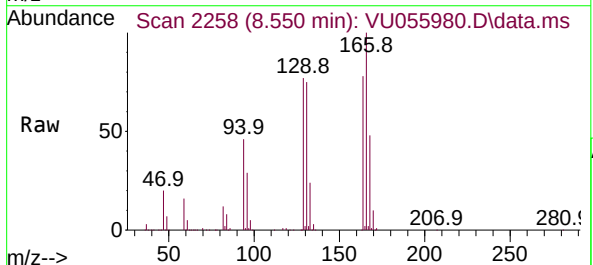
Ion Ratio Lower Upper

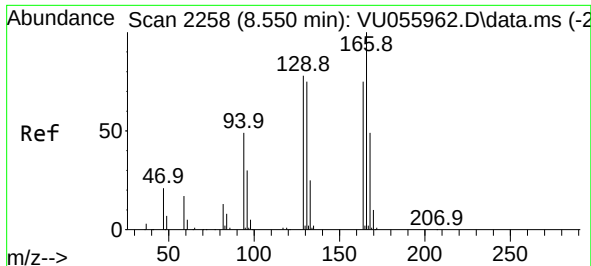
97 100

99 15.6 45.3 84.1#

83 233.8 61.9 115.1#

85 31.4 41.9 77.9#





#47

Tetrachloroethene

Concen: 26.543 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

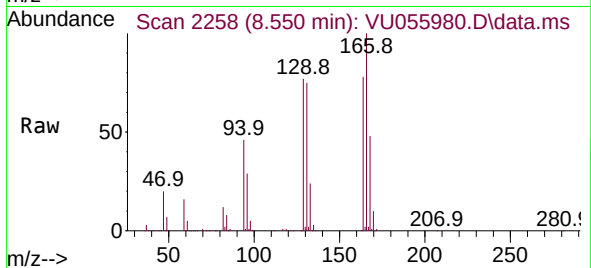
Lab File: VU055980.D

Acq: 28 Oct 2023 17:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 385275

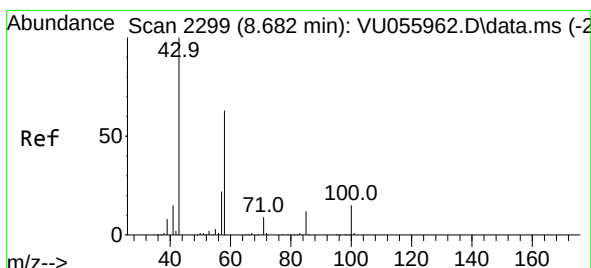
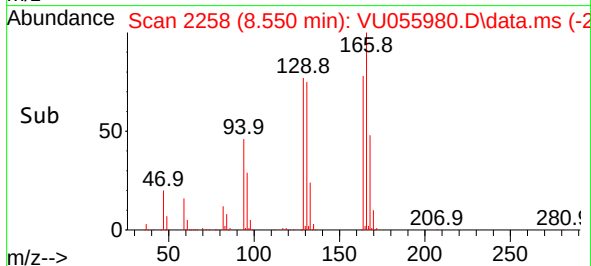
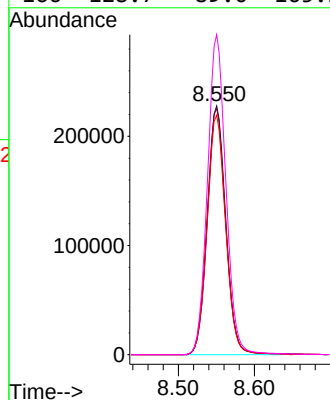
Ion Ratio Lower Upper

164 100

129 99.1 72.2 134.0

131 96.3 70.8 131.6

166 128.7 89.0 165.2



#48

2-Hexanone

Concen: 2.963 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.010 min

Lab File: VU055980.D

Acq: 28 Oct 2023 17:42

Tgt Ion: 43 Resp: 22098

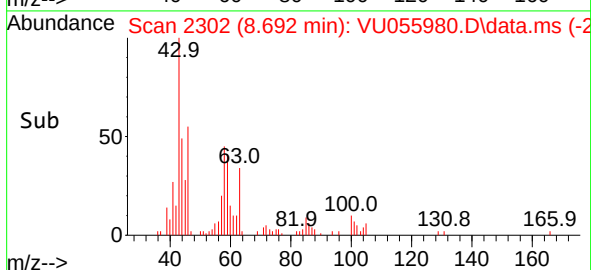
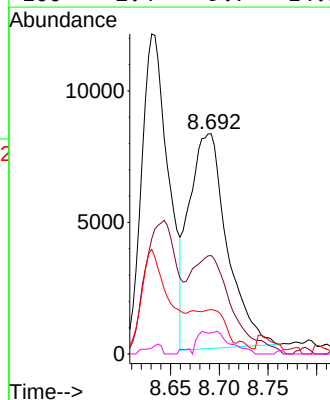
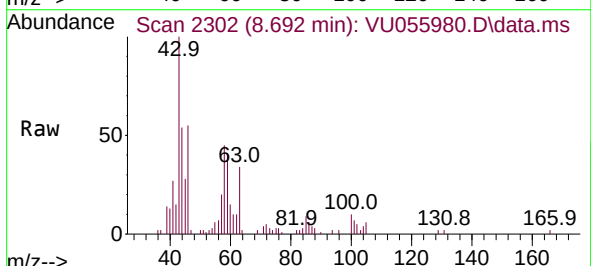
Ion Ratio Lower Upper

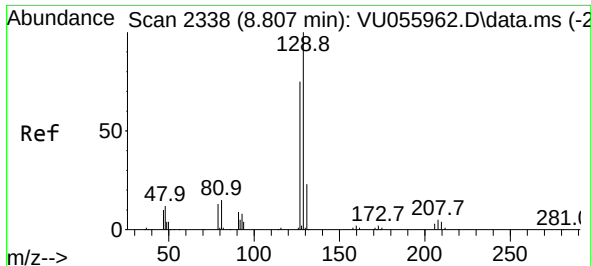
43 100

58 48.1 49.5 74.3#

57 0.0 16.9 25.3#

100 2.4 9.7 14.5#

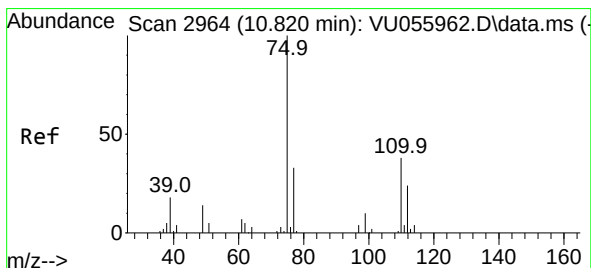
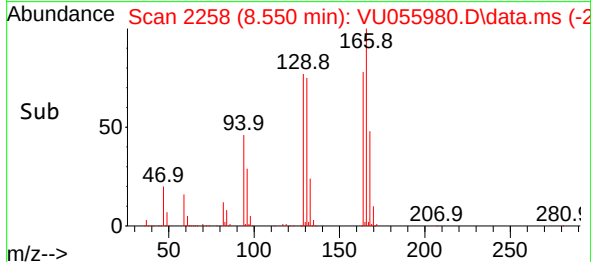
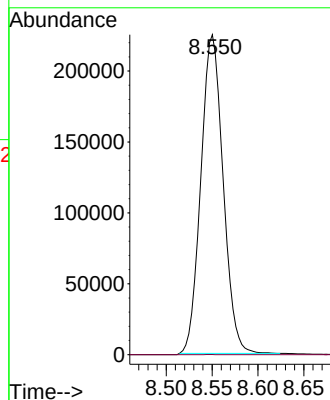
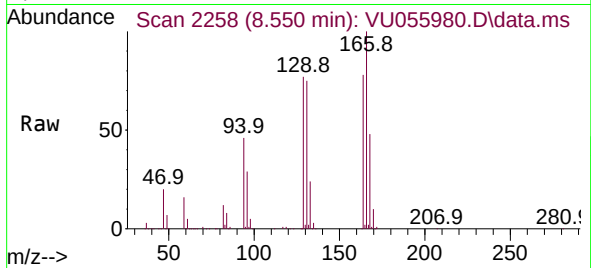




#49
Dibromochloromethane
Concen: 24.970 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055980.D
Acq: 28 Oct 2023 17:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 379183
Ion Ratio Lower Upper
129 100
127 0.1 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.650 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055980.D
Acq: 28 Oct 2023 17:42

Tgt Ion: 75 Resp: 17442
Ion Ratio Lower Upper
75 100
110 2.3 29.0 43.6#
77 33.0 24.5 36.7

