

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055732.D
 Acq On : 10 Oct 2023 19:38
 Operator : MD/SY
 Sample : 04747-03
 Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:56:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:51:51 2023
 Response via : Initial Calibration

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

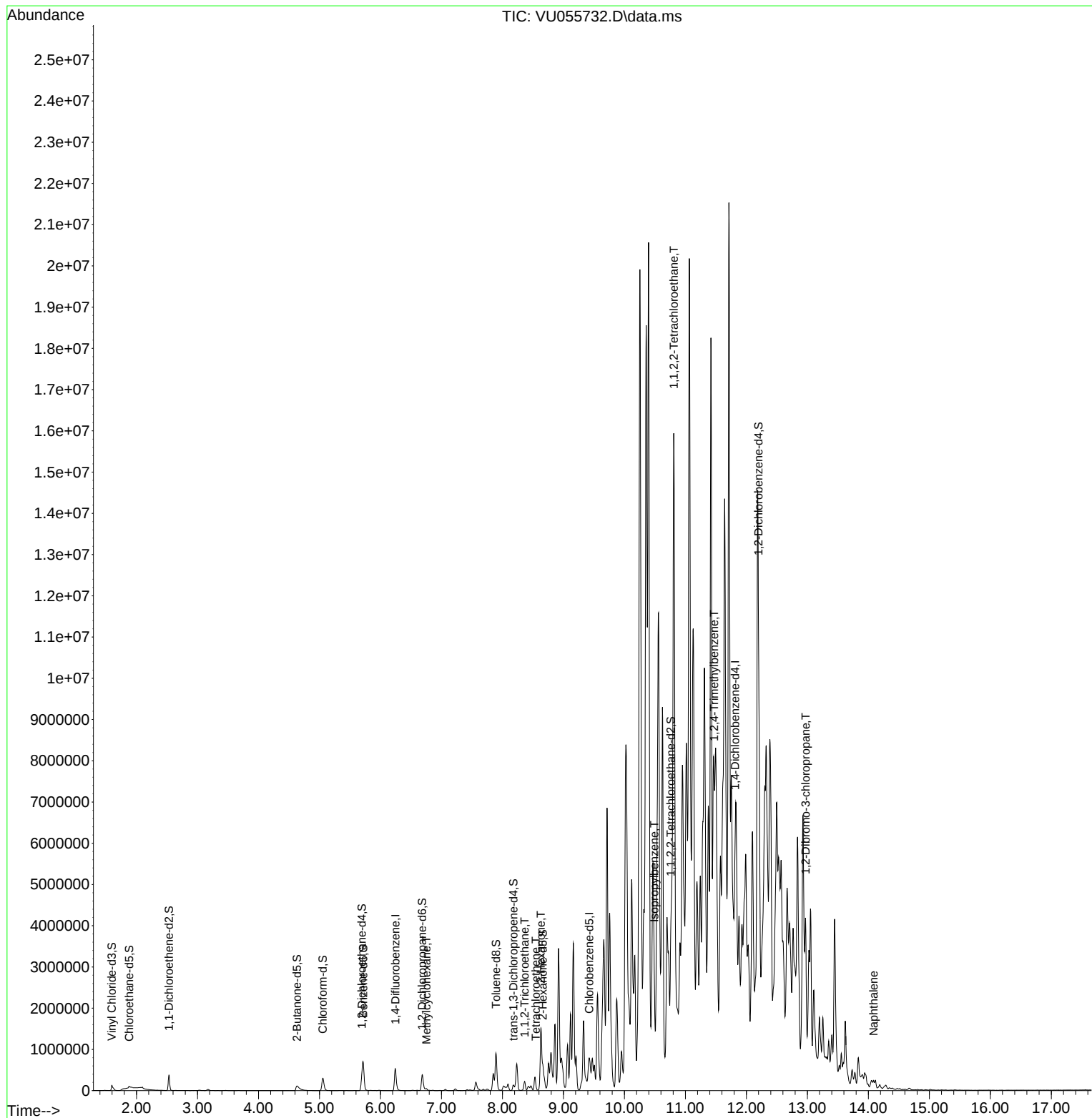
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	481360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	506064	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.817	152	299863	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	163985	37.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.960%
7) Chloroethane-d5	1.878	69	71559	20.276	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.560%#
11) 1,1-Dichloroethene-d2	2.531	63	228470	29.677	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.360%#
21) 2-Butanone-d5	4.631	46	282537	88.313	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.310%
24) Chloroform-d	5.055	84	320125	38.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.360%
26) 1,2-Dichloroethane-d4	5.695	65	216348	42.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.920%
32) Benzene-d6	5.717	84	638124	39.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.820%
36) 1,2-Dichloropropane-d6	6.685	67	207591	40.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.000%
41) Toluene-d8	7.894	98	612876	41.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.840%
43) trans-1,3-Dichloroprop...	8.180	79	103678	42.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.220%
47) 2-Hexanone-d5	8.663	63	230614	114.440	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.440%
56) 1,1,2,2-Tetrachloroeth...	10.762	84	300113	38.036	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.080%
66) 1,2-Dichlorobenzene-d4	12.196	152	290808	48.870	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.740%
Target Compounds						Qvalue
35) Methylcyclohexane	6.753	83	19038	2.998	ug/L	87
45) 1,1,2-Trichloroethane	8.364	97	83407	19.202	ug/L #	19
46) Tetrachloroethene	8.550	164	6530	2.084	ug/L	94
48) 2-Hexanone	8.630	43	559885	108.164	ug/L #	25
57) 1,1,2,2-Tetrachloroethane	10.810	83	1290539	173.519	ug/L #	38
61) Isopropylbenzene	10.489	105	458725	24.539	ug/L #	95
63) 1,2,4-Trimethylbenzene	11.473	105	195263	13.055	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.971	75	14382	7.392	ug/L #	10
71) Naphthalene	14.087	128	149563	9.806	ug/L	98

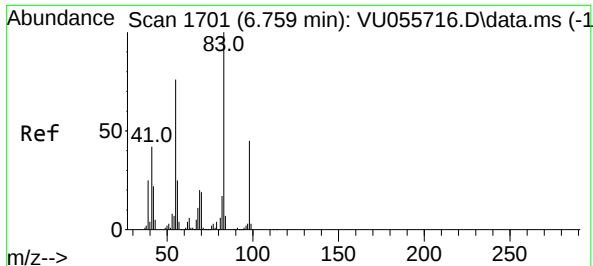
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 11 05:51:51 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 2.998 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU055732.D

Acq: 10 Oct 2023 19:38

Instrument :

MSVOA_U

ClientSampleId :

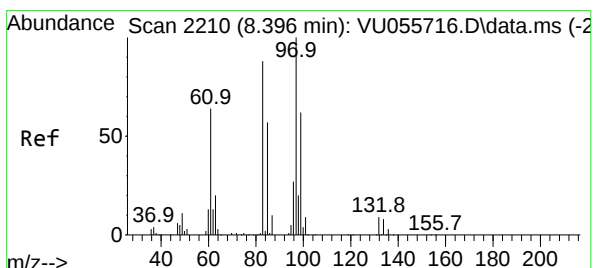
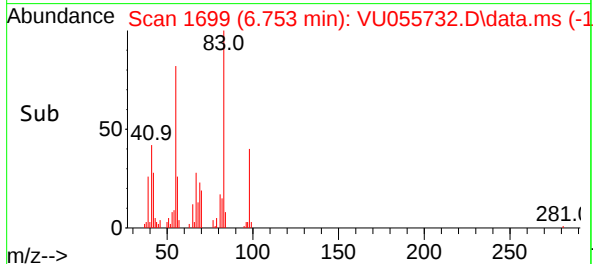
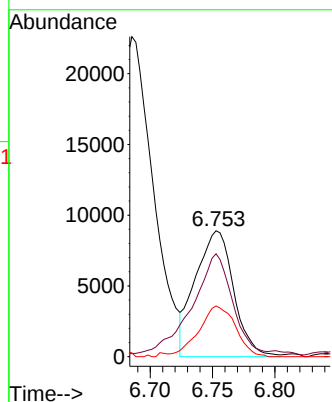
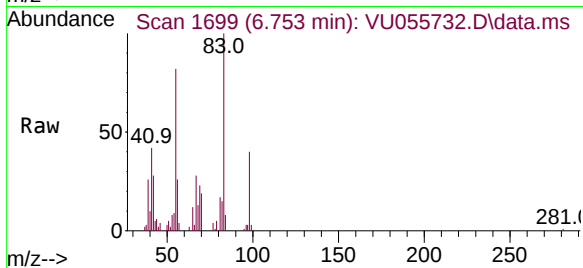
Tgt Ion: 83 Resp: 19038

Ion Ratio Lower Upper

83 100

55 90.1 61.2 91.8

98 38.6 35.8 53.6



#45

1,1,2-Trichloroethane

Concen: 19.202 ug/L

RT: 8.364 min Scan# 2200

Delta R.T. -0.032 min

Lab File: VU055732.D

Acq: 10 Oct 2023 19:38

Tgt Ion: 97 Resp: 83407

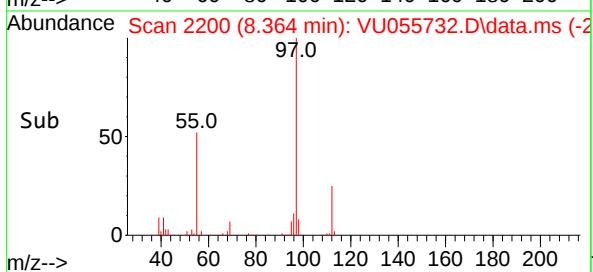
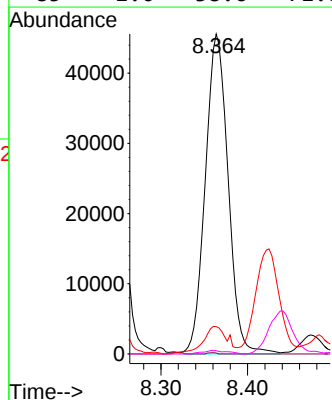
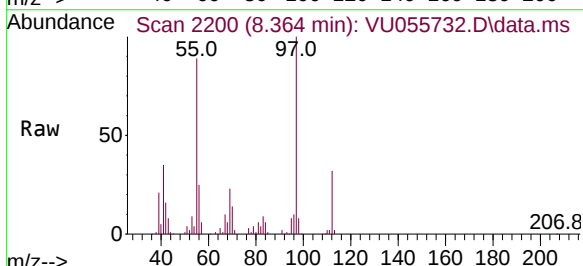
Ion Ratio Lower Upper

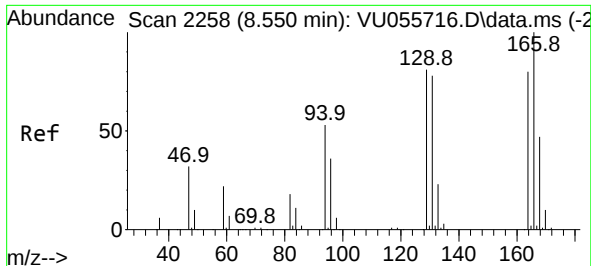
97 100

99 0.3 44.4 82.5#

83 8.6 60.4 112.2#

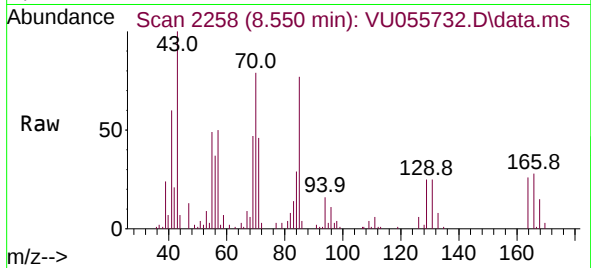
85 1.0 38.6 71.8#



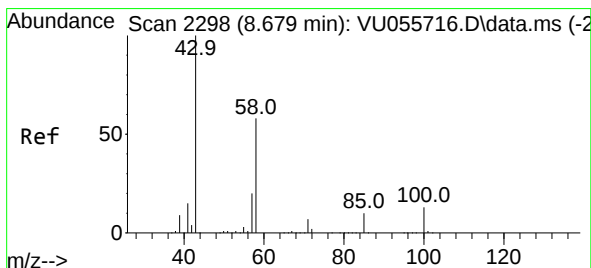
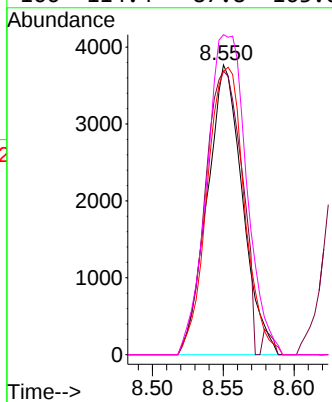
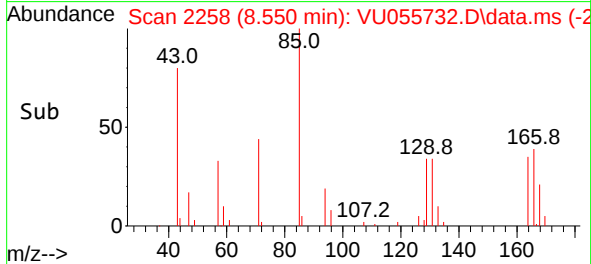


#46
Tetrachloroethene
Concen: 2.084 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055732.D
Acq: 10 Oct 2023 19:38

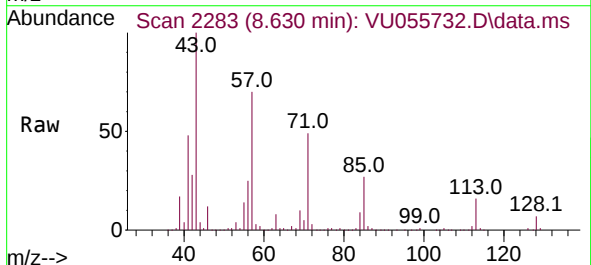
Instrument :
MSVOA_U
ClientSampleId :



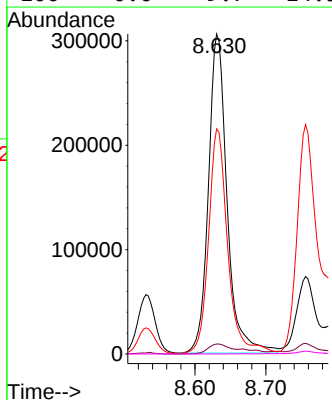
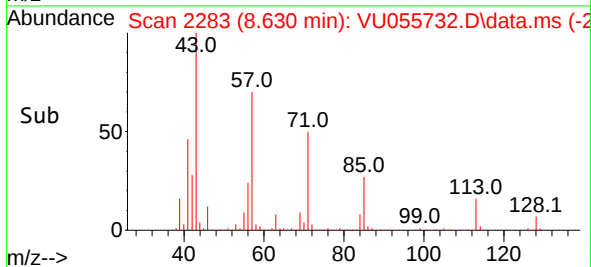
Tgt Ion:164 Resp: 6530
Ion Ratio Lower Upper
164 100
129 97.9 70.7 131.3
131 97.7 65.9 122.5
166 114.4 87.8 163.0

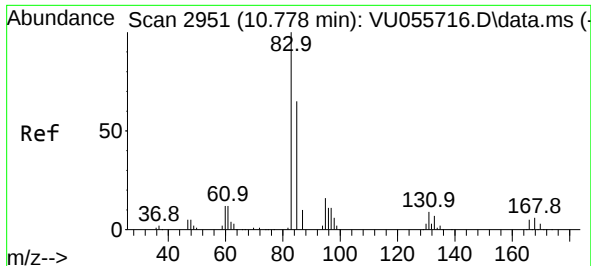


#48
2-Hexanone
Concen: 108.164 ug/L
RT: 8.630 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU055732.D
Acq: 10 Oct 2023 19:38



Tgt Ion: 43 Resp: 559885
Ion Ratio Lower Upper
43 100
58 3.7 45.2 67.8#
57 69.7 16.1 24.1#
100 0.0 9.7 14.5#





#57

1,1,2,2-Tetrachloroethane

Concen: 173.519 ug/L

RT: 10.810 min Scan# 2951

Delta R.T. 0.032 min

Lab File: VU055732.D

Acq: 10 Oct 2023 19:38

Instrument :

MSVOA_U

ClientSampleId :

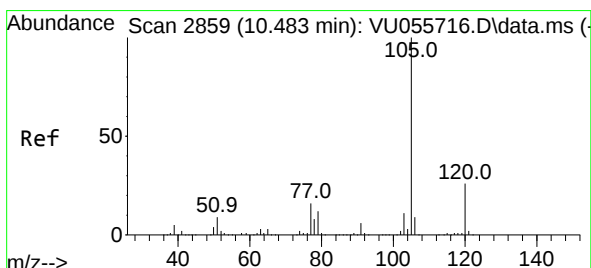
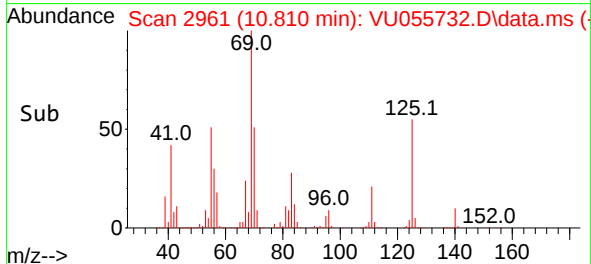
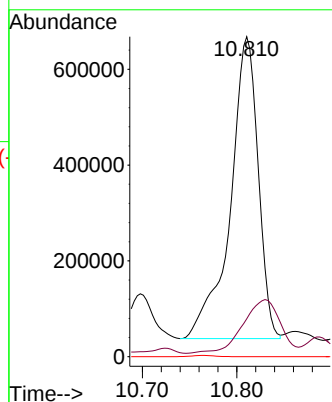
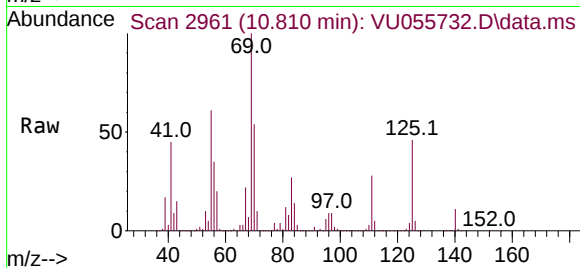
Tgt Ion: 83 Resp: 1290539

Ion Ratio Lower Upper

83 100

85 11.9 44.9 83.5#

131 0.0 7.3 10.9#



#61

Isopropylbenzene

Concen: 24.539 ug/L

RT: 10.489 min Scan# 2861

Delta R.T. 0.006 min

Lab File: VU055732.D

Acq: 10 Oct 2023 19:38

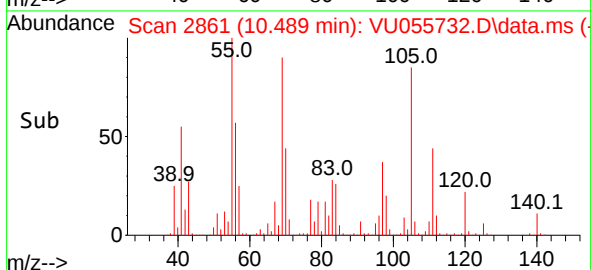
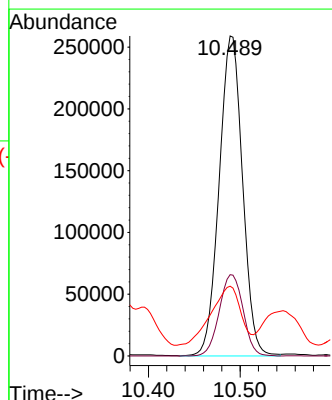
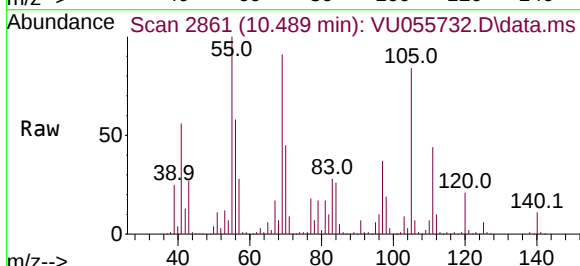
Tgt Ion:105 Resp: 458725

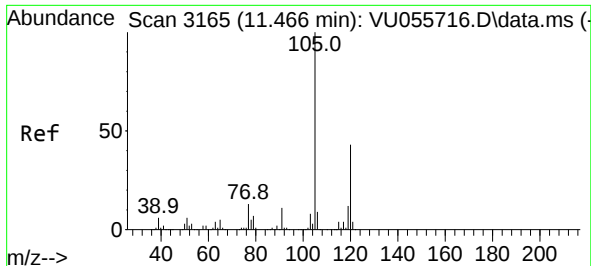
Ion Ratio Lower Upper

105 100

120 25.8 20.6 30.8

77 22.2 13.4 20.0#

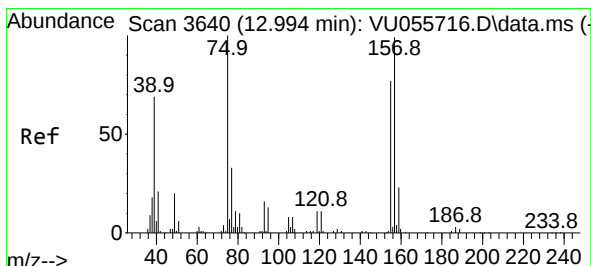
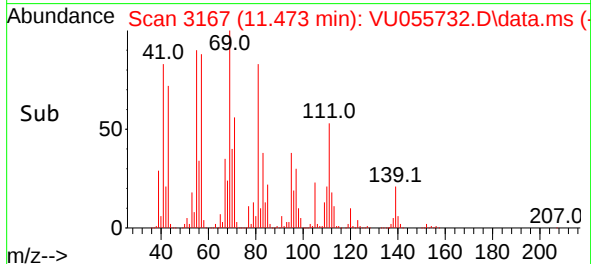
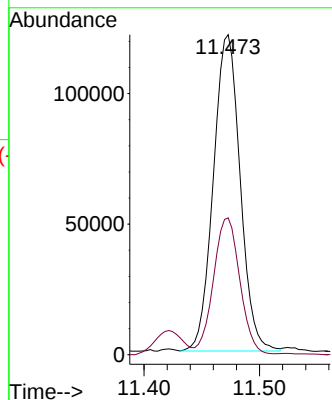
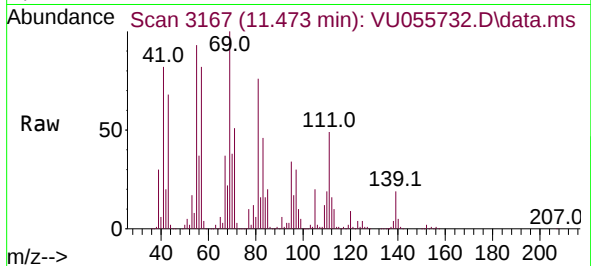




#63
1,2,4-Trimethylbenzene
Concen: 13.055 ug/L
RT: 11.473 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU055732.D
Acq: 10 Oct 2023 19:38

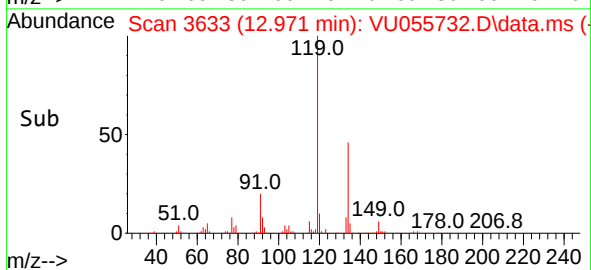
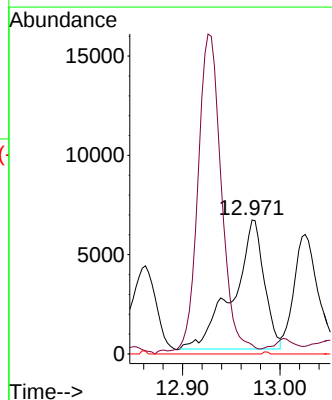
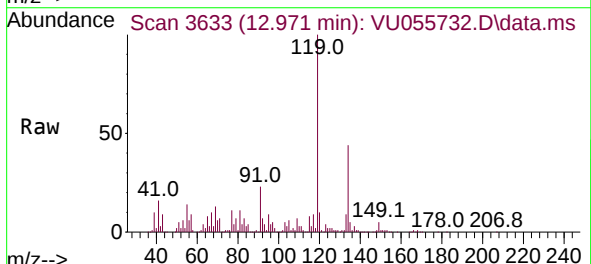
Instrument :
MSVOA_U
ClientSampleId :

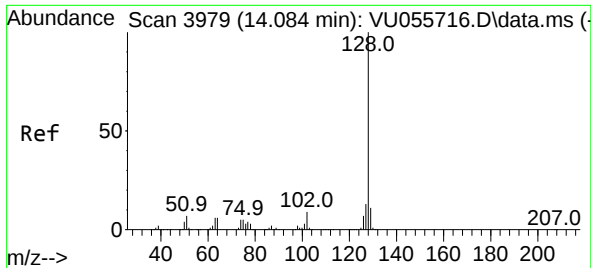
Tgt Ion:105 Resp: 195263
Ion Ratio Lower Upper
105 100
120 42.1 35.0 52.4



#68
1,2-Dibromo-3-chloropropane
Concen: 7.392 ug/L
RT: 12.971 min Scan# 3633
Delta R.T. -0.023 min
Lab File: VU055732.D
Acq: 10 Oct 2023 19:38

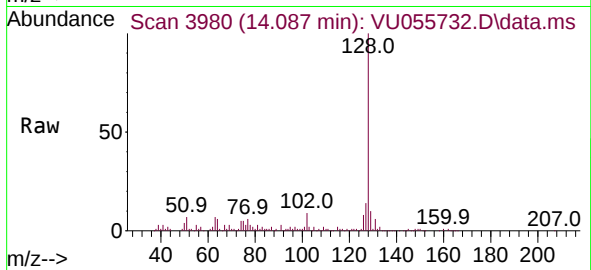
Tgt Ion: 75 Resp: 14382
Ion Ratio Lower Upper
75 100
155 6.9 59.6 89.4#
157 0.0 77.7 116.5#





#71
Naphthalene
Concen: 9.806 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU055732.D
Acq: 10 Oct 2023 19:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 149563
Ion Ratio Lower Upper
128 100
127 11.9 10.6 16.0
129 10.6 8.7 13.1

