

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055852.D
 Acq On : 23 Oct 2023 13:51
 Operator : MD/SY
 Sample : 04947-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 23:18:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

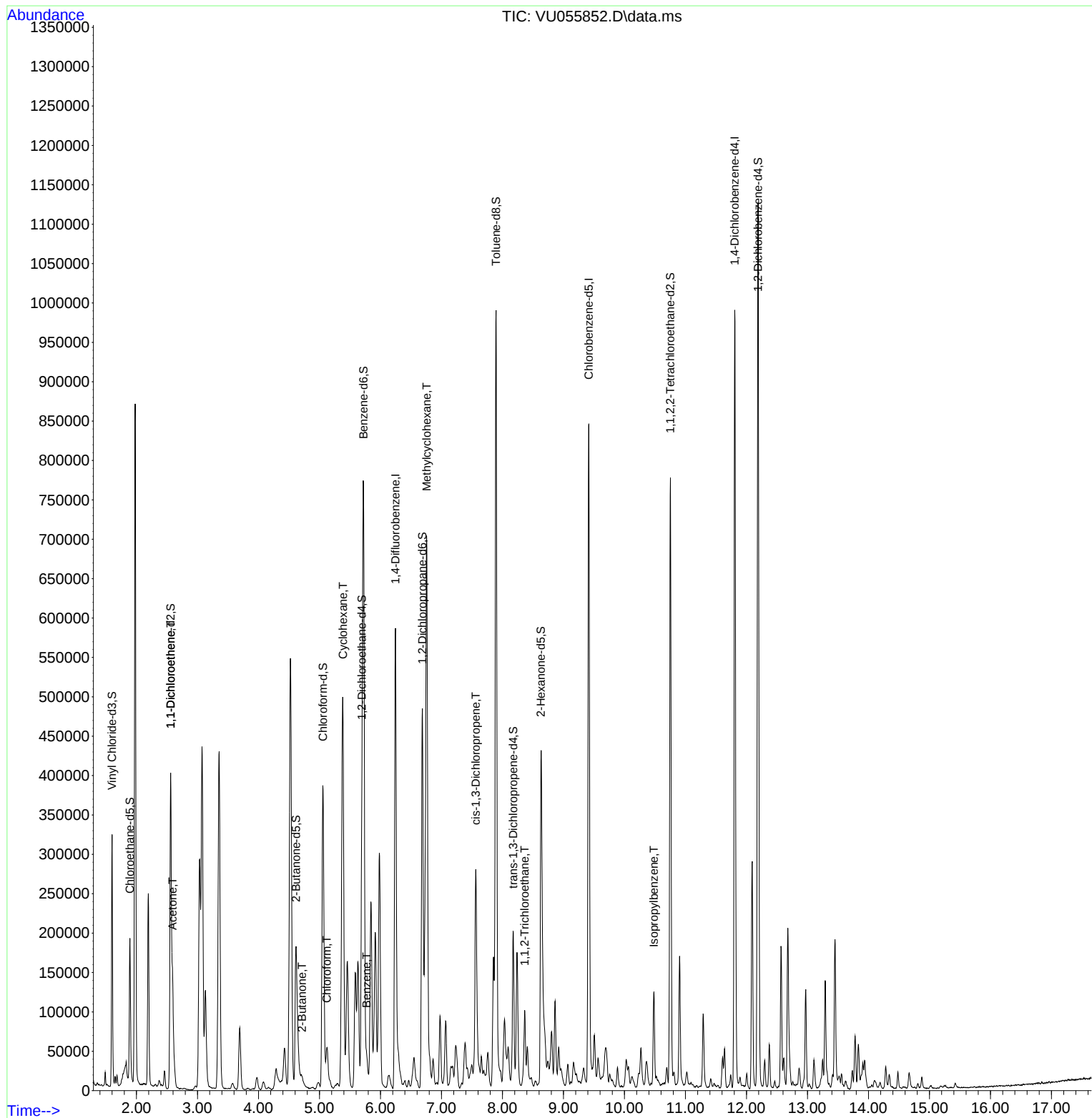
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	478052	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	477803	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	257638	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	156401	36.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.940%
7) Chloroethane-d5	1.891	69	145250	41.440	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.880%
11) 1,1-Dichloroethene-d2	2.560	63	238793	31.233	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.460%
21) 2-Butanone-d5	4.615	46	256862	80.843	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.840%
24) Chloroform-d	5.055	84	370988	45.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.260%
26) 1,2-Dichloroethane-d4	5.695	65	240844	47.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
32) Benzene-d6	5.721	84	730699	47.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.685	67	232982	48.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	7.894	98	640281	46.383	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.760%
43) trans-1,3-Dichloroprop...	8.177	79	105582	45.415	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
47) 2-Hexanone-d5	8.631	63	134040	70.450	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.450%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	385577	51.759	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.520%
66) 1,2-Dichlorobenzene-d4	12.190	152	278264	54.426	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.860%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.560	96	1851	0.546	ug/L #	1
13) Acetone	2.592	43	46325	15.711	ug/L	51
22) 2-Butanone	4.714	43	15689	4.415	ug/L	92
25) Chloroform	5.120	83	9534	1.284	ug/L	79
29) Cyclohexane	5.383	56	251257	45.878	ug/L	96
33) Benzene	5.772	78	23429	1.551	ug/L	100
35) Methylcyclohexane	6.756	83	306798	51.167	ug/L	91
39) cis-1,3-Dichloropropene	7.563	75	7515	1.188	ug/L #	73
45) 1,1,2-Trichloroethane	8.364	97	35824	8.735	ug/L #	19
61) Isopropylbenzene	10.483	105	76847	4.785	ug/L	98

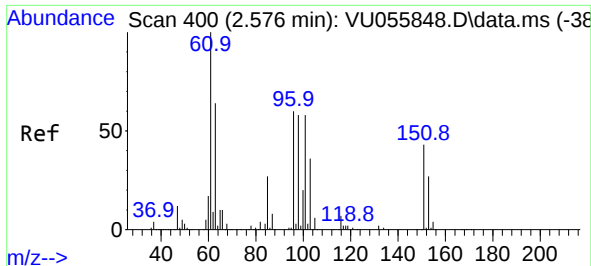
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
Data File : VU055852.D
Acq On : 23 Oct 2023 13:51
Operator : MD/SY
Sample : 04947-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 23:18:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.546 ug/L

RT: 2.560 min Scan# 395

Delta R.T. -0.016 min

Lab File: VU055852.D

Acq: 23 Oct 2023 13:51

Instrument :

MSVOA_U

ClientSampleId :

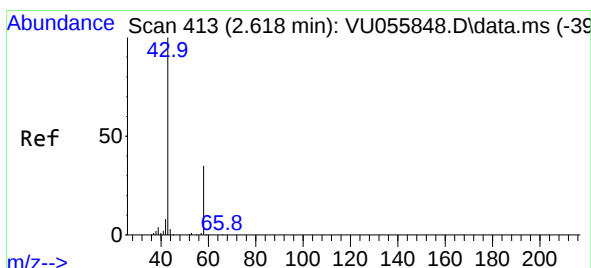
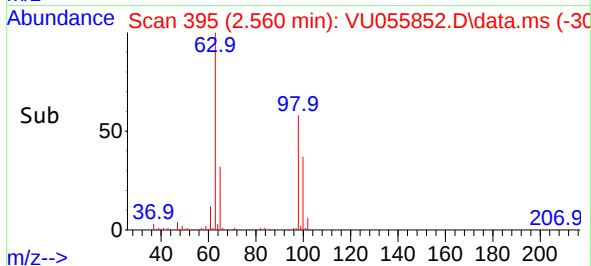
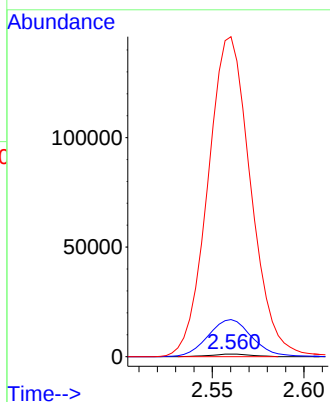
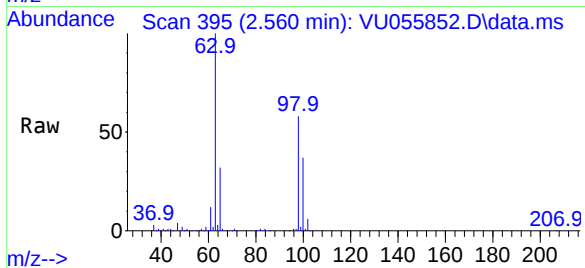
Tgt Ion: 96 Resp: 1851

Ion Ratio Lower Upper

96 100

61 1399.7 122.0 226.6#

63 12070.1 93.7 174.1#



#13

Acetone

Concen: 15.711 ug/L

RT: 2.592 min Scan# 405

Delta R.T. -0.026 min

Lab File: VU055852.D

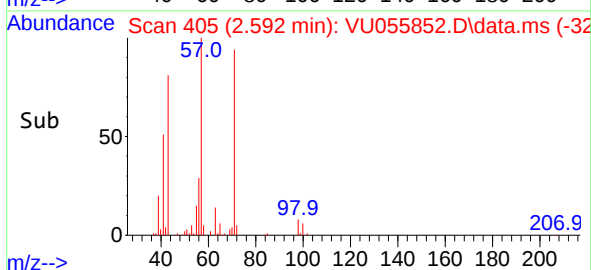
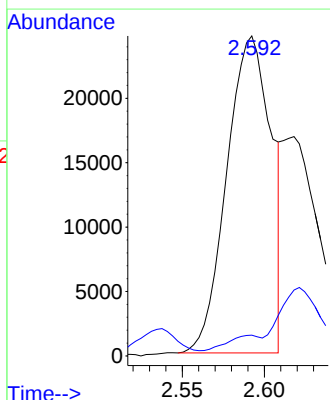
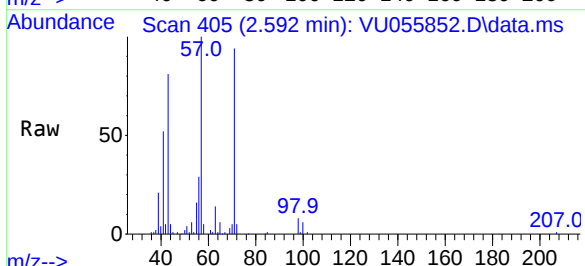
Acq: 23 Oct 2023 13:51

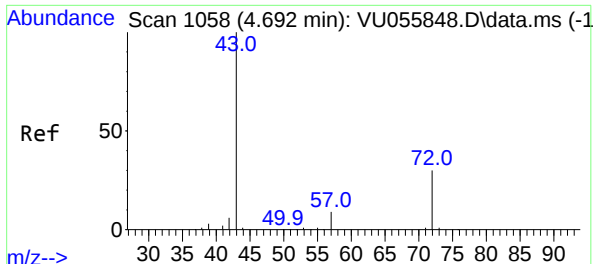
Tgt Ion: 43 Resp: 46325

Ion Ratio Lower Upper

43 100

58 5.7 0.0 67.4

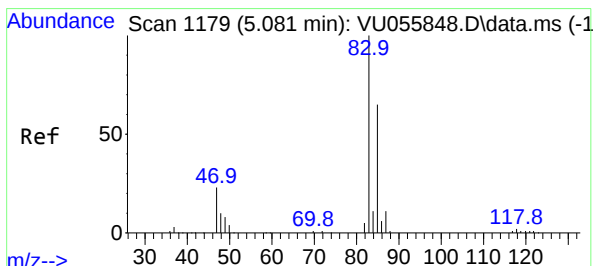
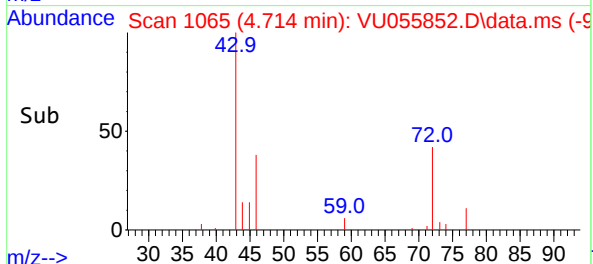
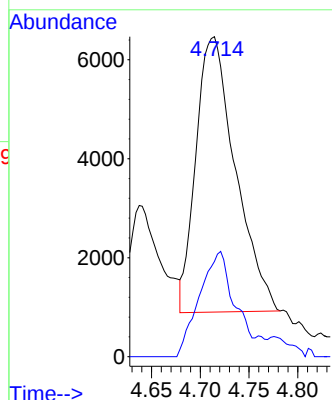
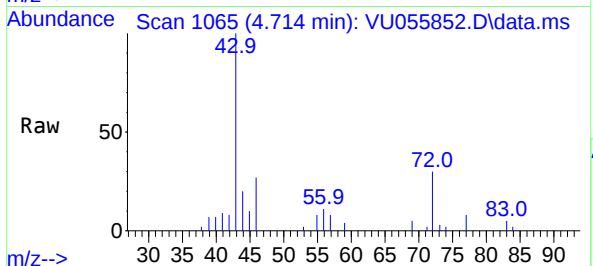




#22
2-Butanone
Concen: 4.415 ug/L
RT: 4.714 min Scan# 11065
Delta R.T. 0.023 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

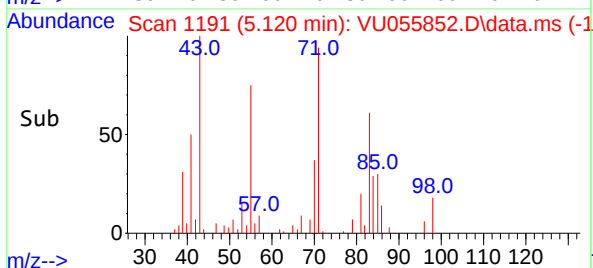
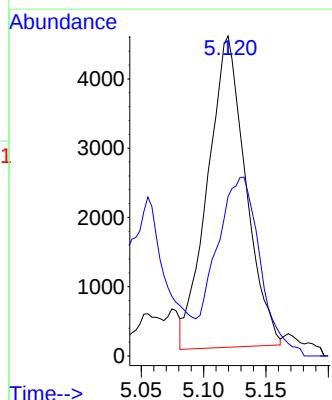
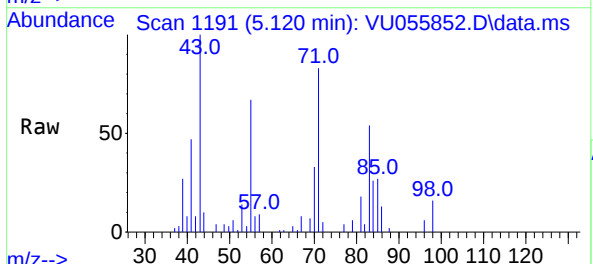
Instrument :
MSVOA_U
ClientSampleId :

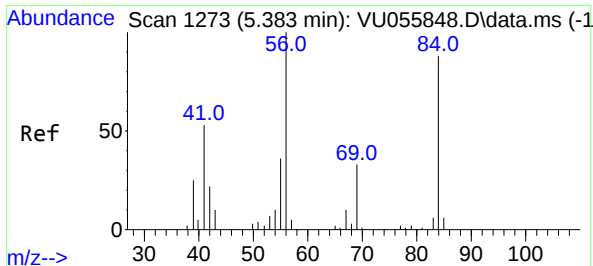
Tgt Ion: 43 Resp: 15689
Ion Ratio Lower Upper
43 100
72 33.8 14.6 44.0



#25
Chloroform
Concen: 1.284 ug/L
RT: 5.120 min Scan# 1191
Delta R.T. 0.039 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

Tgt Ion: 83 Resp: 9534
Ion Ratio Lower Upper
83 100
85 49.8 46.3 86.1





#29

Cyclohexane

Concen: 45.878 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU055852.D

Acq: 23 Oct 2023 13:51

Instrument :

MSVOA_U

ClientSampleId :

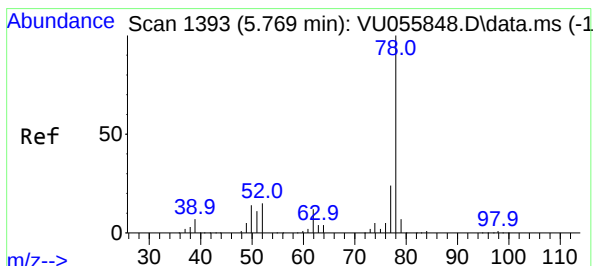
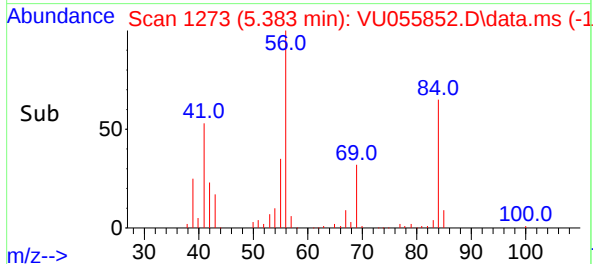
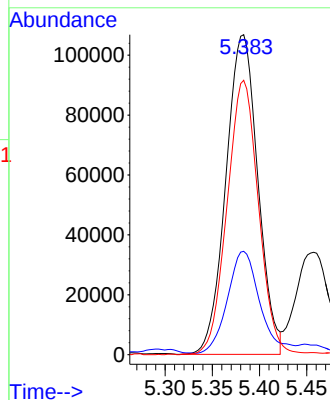
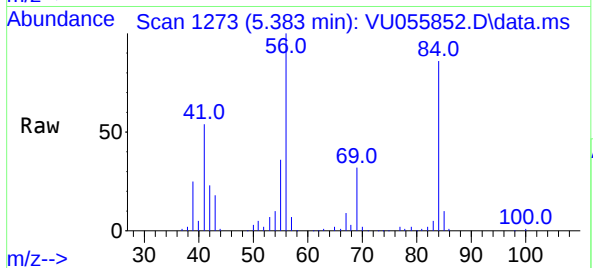
Tgt Ion: 56 Resp: 251257

Ion Ratio Lower Upper

56 100

69 32.3 24.9 37.3

84 83.9 70.7 106.1



#33

Benzene

Concen: 1.551 ug/L

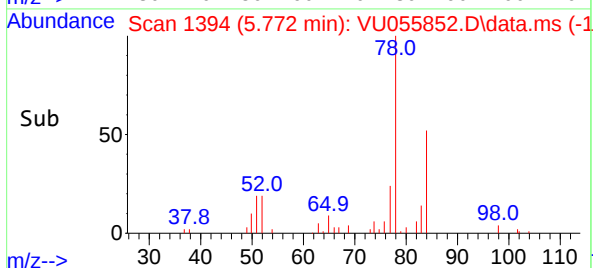
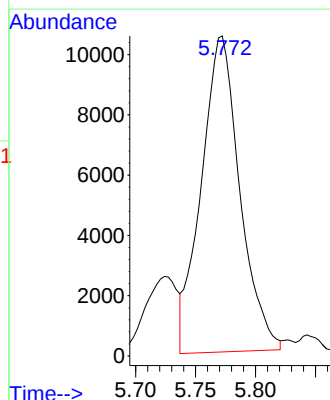
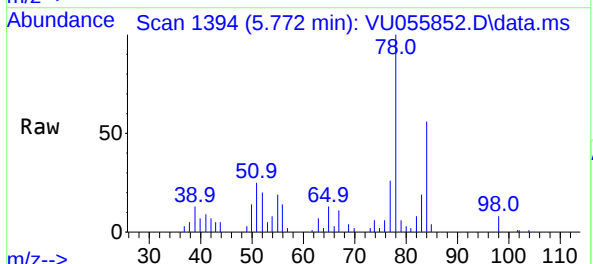
RT: 5.772 min Scan# 1394

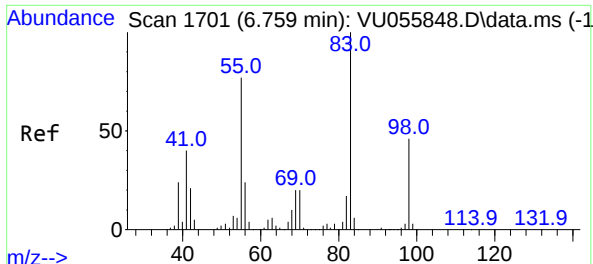
Delta R.T. 0.003 min

Lab File: VU055852.D

Acq: 23 Oct 2023 13:51

Tgt Ion: 78 Resp: 23429





#35

Methylcyclohexane

Concen: 51.167 ug/L

RT: 6.756 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055852.D

Acq: 23 Oct 2023 13:51

Instrument :

MSVOA_U

ClientSampleId :

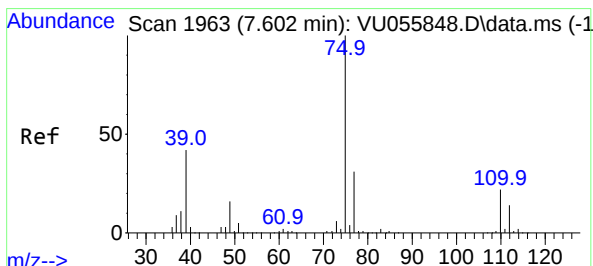
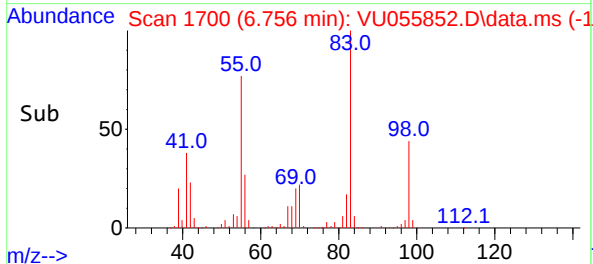
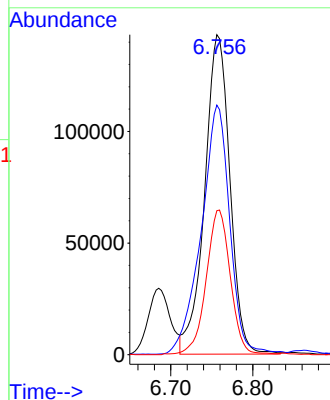
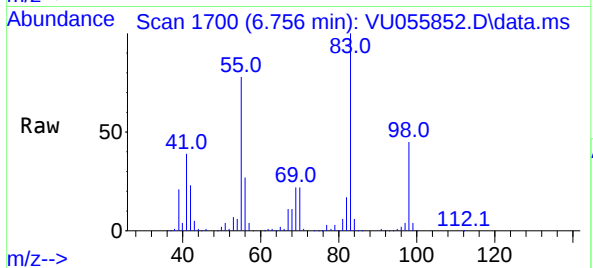
Tgt Ion: 83 Resp: 306798

Ion Ratio Lower Upper

83 100

55 87.6 61.2 91.8

98 42.7 35.8 53.6



#39

cis-1,3-Dichloropropene

Concen: 1.188 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU055852.D

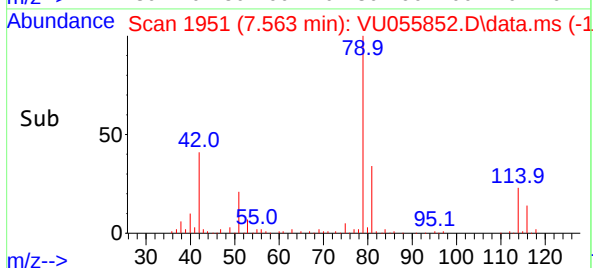
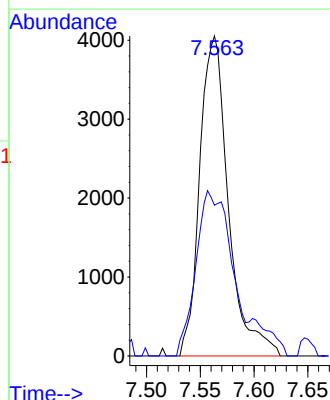
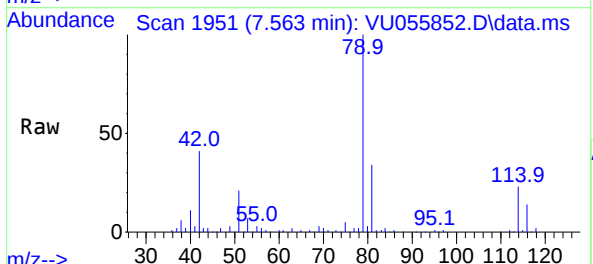
Acq: 23 Oct 2023 13:51

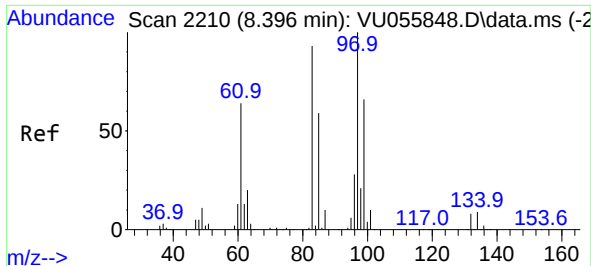
Tgt Ion: 75 Resp: 7515

Ion Ratio Lower Upper

75 100

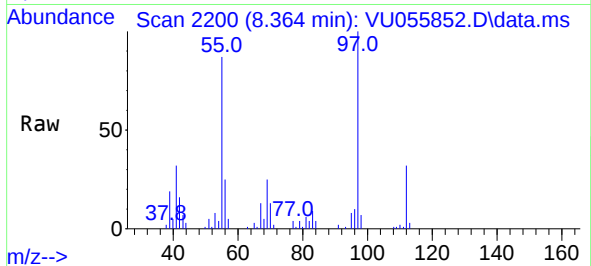
77 45.9 21.7 40.3#





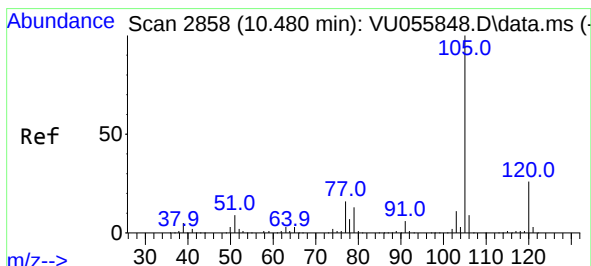
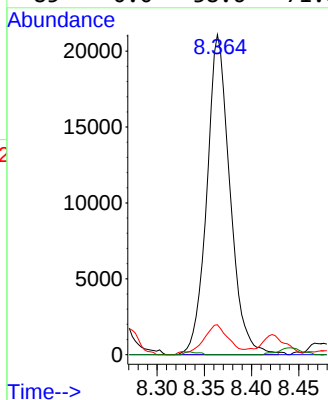
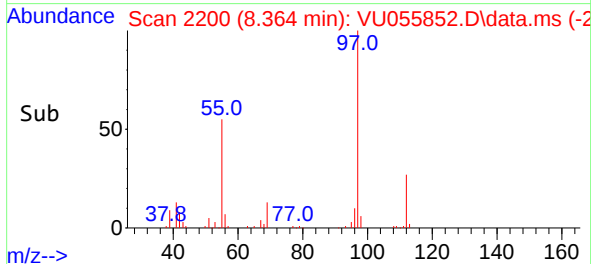
#45
1,1,2-Trichloroethane
Concen: 8.735 ug/L
RT: 8.364 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51

Instrument :
MSVOA_U
ClientSampleId :

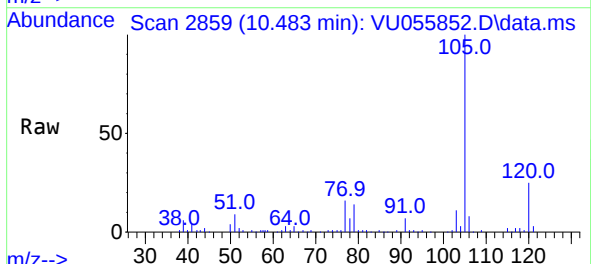


Tgt Ion: 97 Resp: 35824

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.4	82.5#
83	9.4	60.4	112.2#
85	0.0	38.6	71.8#



#61
Isopropylbenzene
Concen: 4.785 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055852.D
Acq: 23 Oct 2023 13:51



Tgt Ion: 105 Resp: 76847

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.6	30.8
77	16.3	13.4	20.0

