

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052883.D
 Acq On : 31 Jan 2023 16:54
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

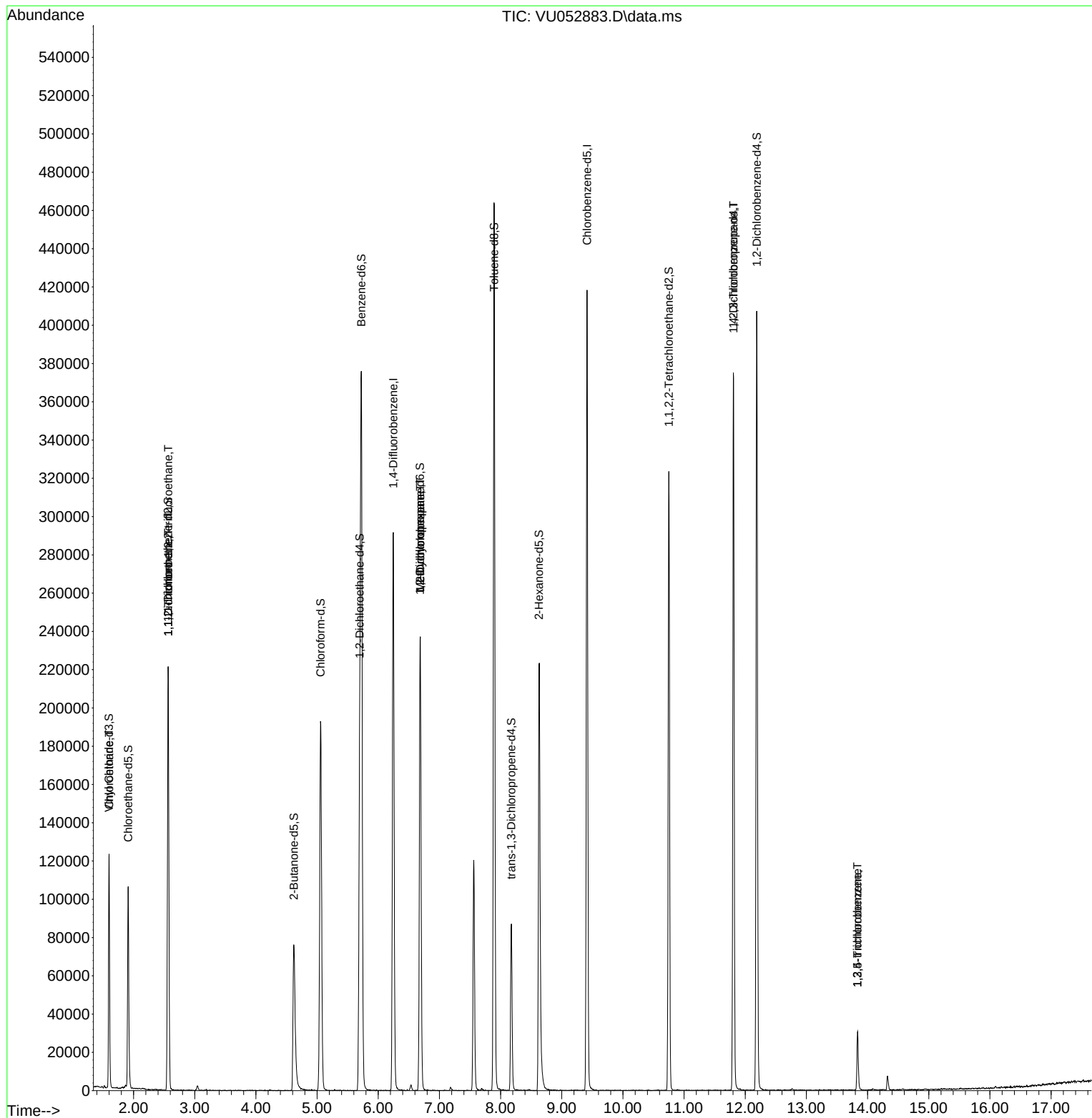
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	239712	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	232592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103602	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89701	51.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.980%			
7) Chloroethane-d5	1.912	69	79408	55.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.720%			
11) 1,1-Dichloroethene-d2	2.565	63	130879	38.139	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.280%			
21) 2-Butanone-d5	4.620	46	112390	105.448	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.450%			
24) Chloroform-d	5.057	84	185832	50.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.940%			
26) 1,2-Dichloroethane-d4	5.697	65	122946	52.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.580%			
32) Benzene-d6	5.723	84	357232	50.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.540%			
36) 1,2-Dichloropropane-d6	6.684	67	106828	51.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.520%			
41) Toluene-d8	7.893	98	305111	47.153	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.300%			
43) trans-1,3-Dichloroprop...	8.176	79	50408	48.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.520%			
47) 2-Hexanone-d5	8.629	63	72672	99.239	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.240%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	149856	48.667	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.340%			
66) 1,2-Dichlorobenzene-d4	12.189	152	111129	55.242	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.480%			
Target Compounds						Qvalue
8) Chloroethane	1.601	64	1214	0.944	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1300	0.672	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1203	0.678	ug/L #	1
35) Methylcyclohexane	6.687	83	28654	8.996	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11632	5.976	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	10119	5.035	ug/L #	64
69) 1,3,5-Trichlorobenzene	13.835	180	10870	4.349	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	10870	5.188	ug/L	99

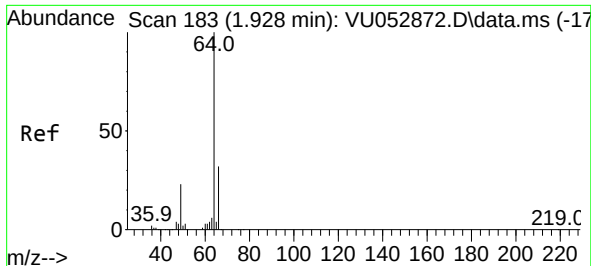
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.944 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.328 min

Lab File: VU052883.D

Acq: 31 Jan 2023 16:54

Instrument :

MSVOA_U

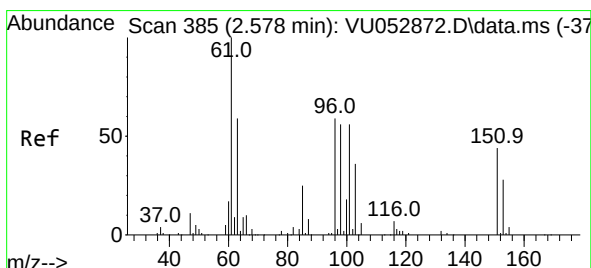
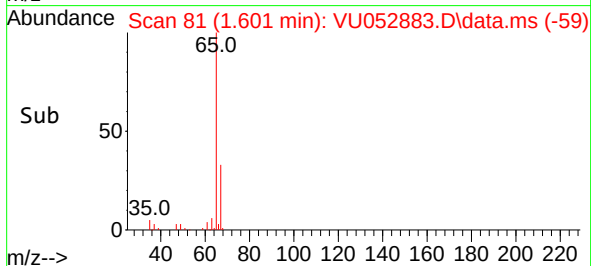
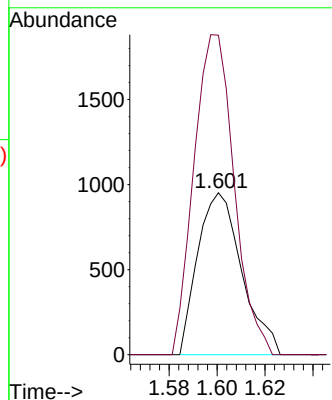
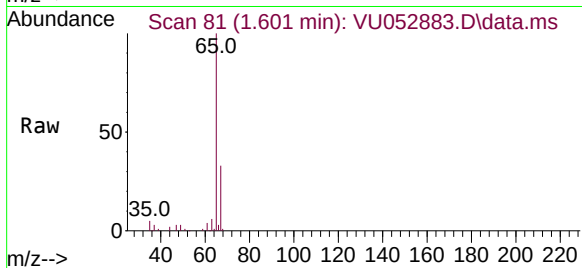
ClientSampleId :

Tgt Ion: 64 Resp: 1214

Ion Ratio Lower Upper

64 100

66 197.3 24.1 44.7#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.672 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU052883.D

Acq: 31 Jan 2023 16:54

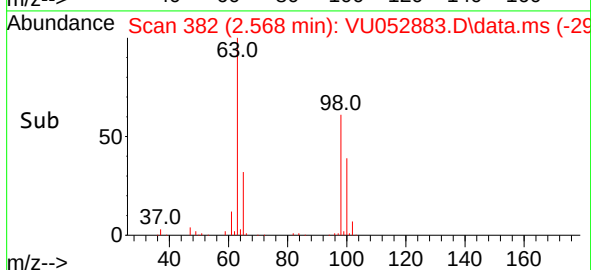
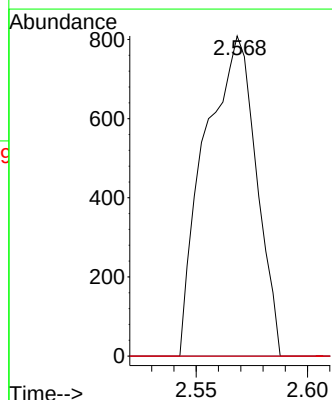
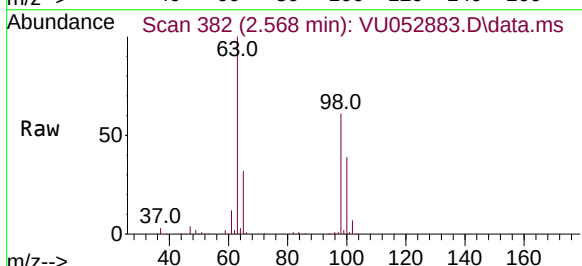
Tgt Ion:101 Resp: 1300

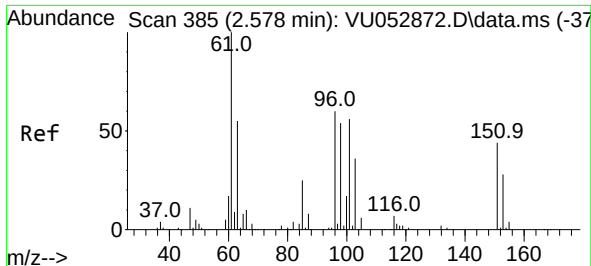
Ion Ratio Lower Upper

101 100

85 0.0 32.9 49.3#

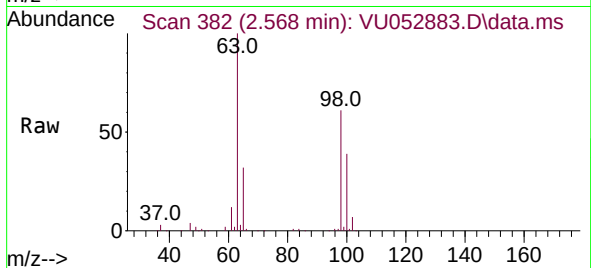
151 0.0 62.6 94.0#



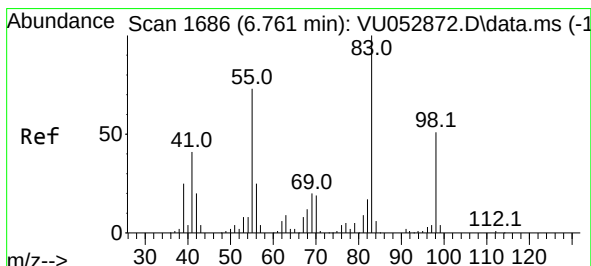
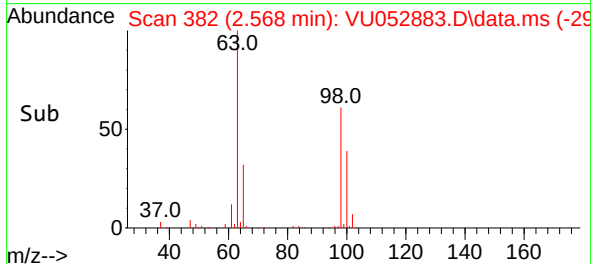
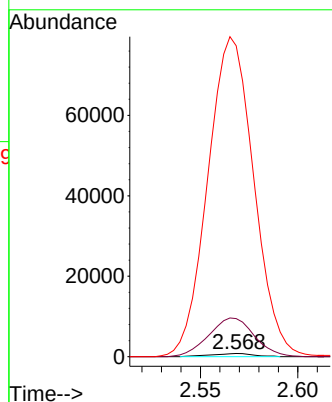


#12
1,1-Dichloroethene
Concen: 0.678 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU052883.D
Acq: 31 Jan 2023 16:54

Instrument :
MSVOA_U
ClientSampleId :

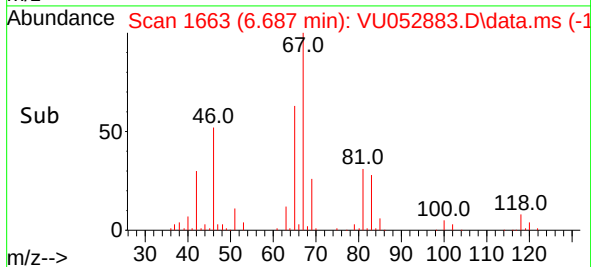
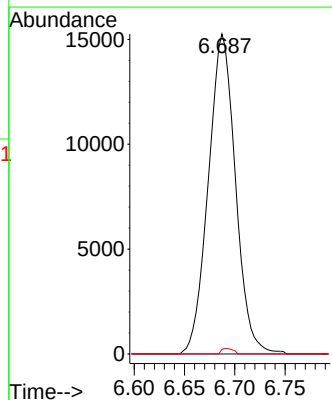
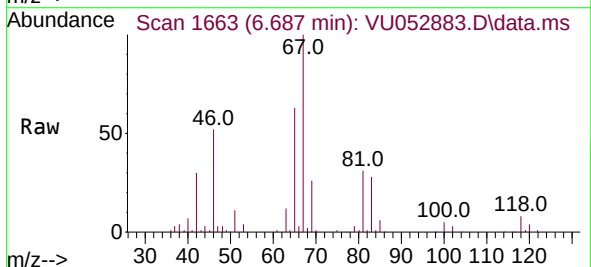


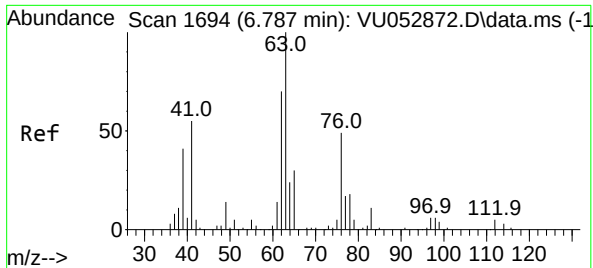
Tgt Ion: 96 Resp: 1203
Ion Ratio Lower Upper
96 100
61 1181.3 114.3 212.3#
63 9624.9 80.6 149.6#



#35
Methylcyclohexane
Concen: 8.996 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052883.D
Acq: 31 Jan 2023 16:54

Tgt Ion: 83 Resp: 28654
Ion Ratio Lower Upper
83 100
55 0.0 57.1 85.7#
98 0.7 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 5.976 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052883.D

Acq: 31 Jan 2023 16:54

Instrument :

MSVOA_U

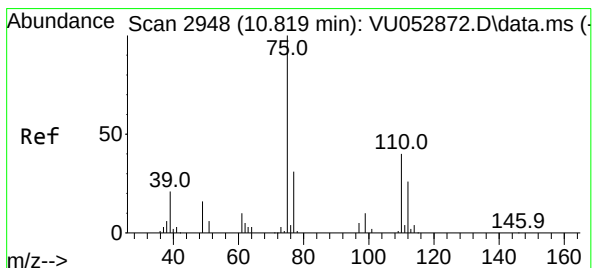
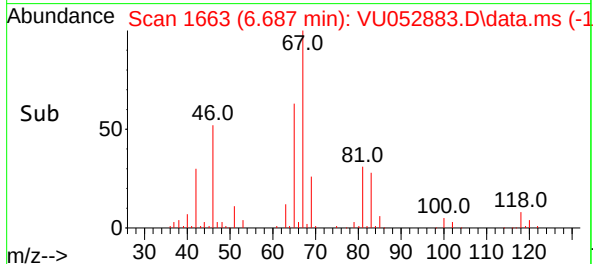
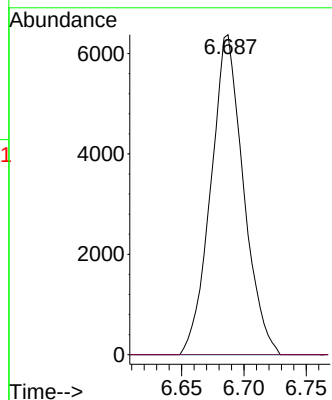
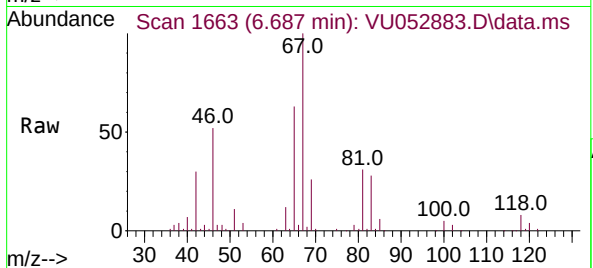
ClientSampleId :

Tgt Ion: 63 Resp: 11632

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#60

1,2,3-Trichloropropane

Concen: 5.035 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052883.D

Acq: 31 Jan 2023 16:54

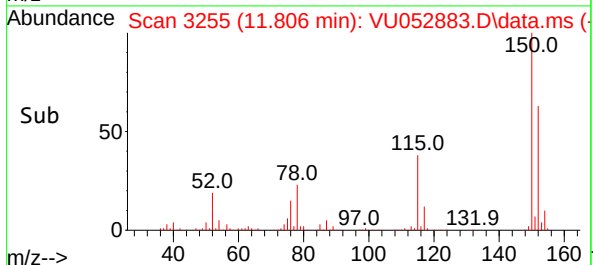
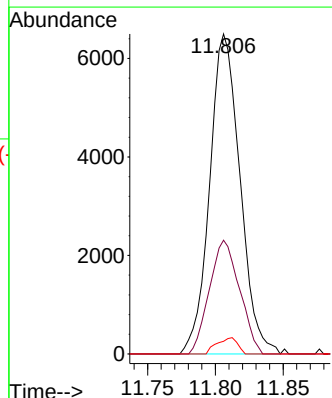
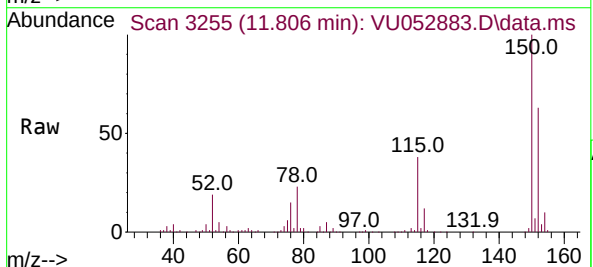
Tgt Ion: 75 Resp: 10119

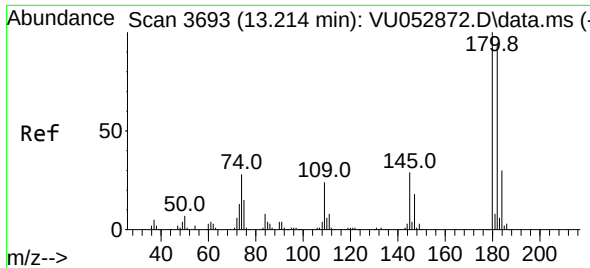
Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.8

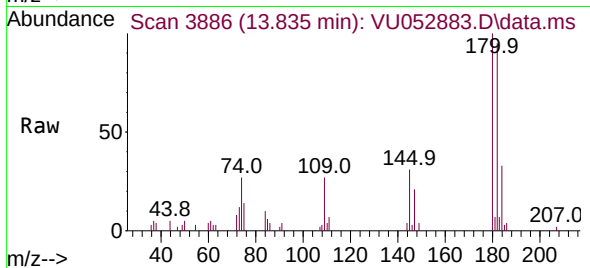
110 3.4 32.4 48.6#



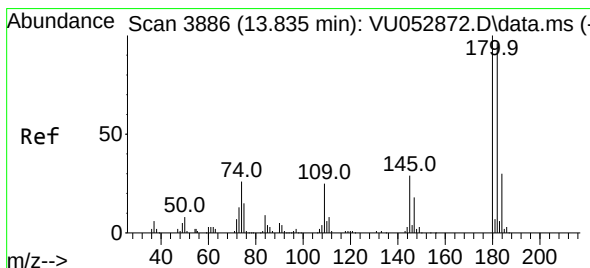
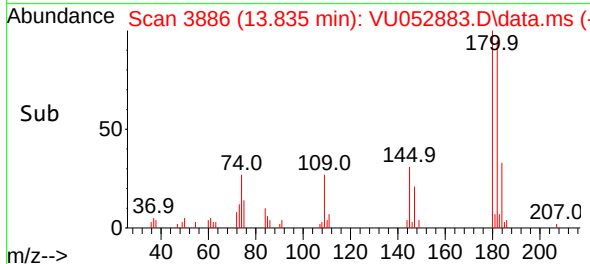
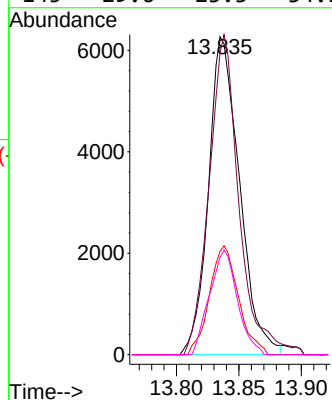


#69
 1,3,5-Trichlorobenzene
 Concen: 4.349 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.621 min
 Lab File: VU052883.D
 Acq: 31 Jan 2023 16:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 10870
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.0 115.6
 184 32.0 24.4 36.6
 145 29.6 23.3 34.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.188 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU052883.D
 Acq: 31 Jan 2023 16:54

Tgt Ion:180 Resp: 10870
 Ion Ratio Lower Upper
 180 100
 182 96.9 78.2 117.2
 145 29.6 23.4 35.2

