

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046151.D
 Acq On : 07 Dec 2021 19:56
 Operator : SY/MD
 Sample : M4887-05ME
 Misc : 5.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:54:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

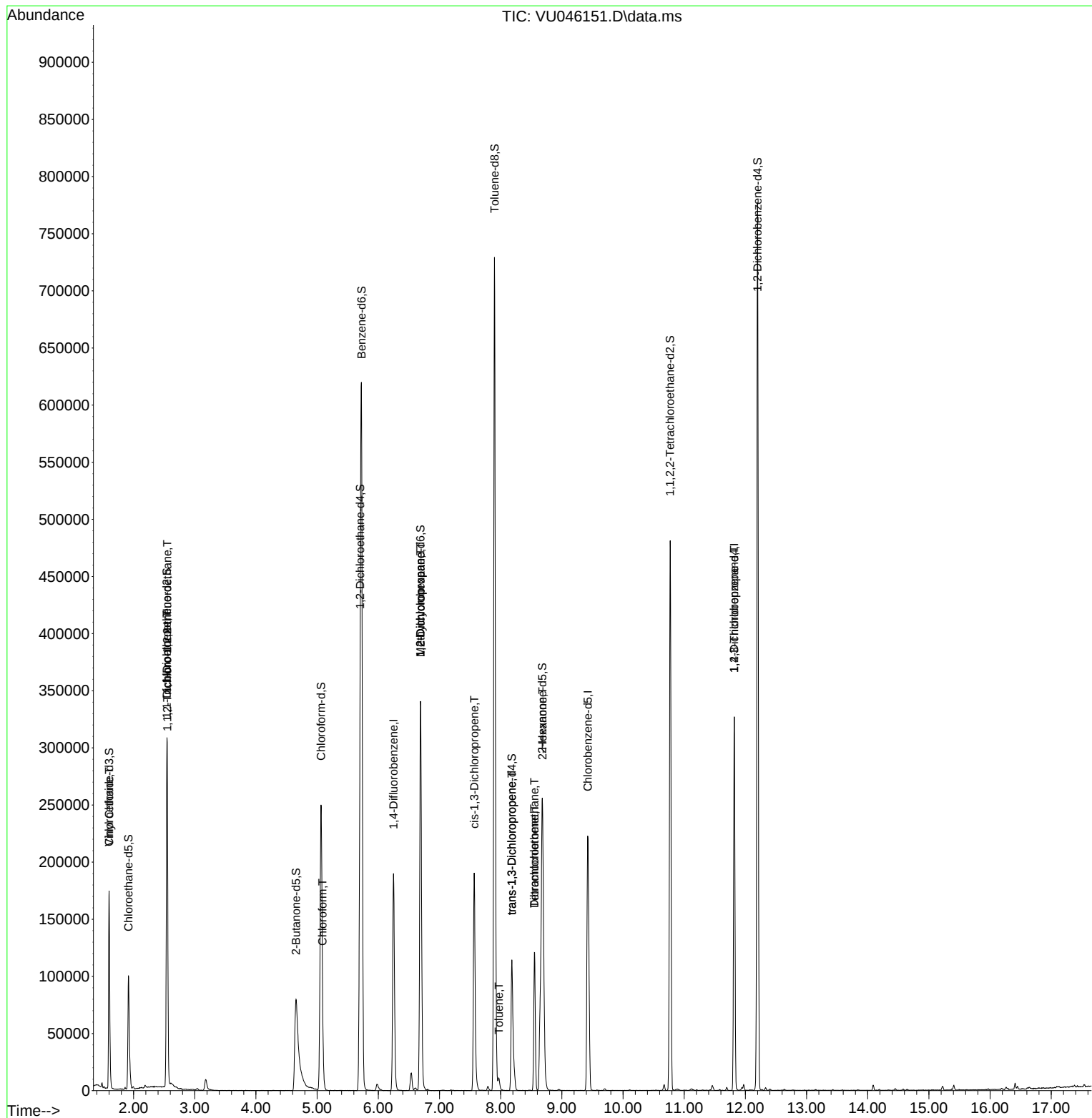
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	178175	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	174783	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	87960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	144753	98.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 197.240%#			
7) Chloroethane-d5	1.916	69	96591	85.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 171.420%#			
11) 1,1-Dichloroethene-d2	2.546	63	182801	69.379	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 138.760%#			
21) 2-Butanone-d5	4.655	46	227990	195.404	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 195.400%#			
24) Chloroform-d	5.064	84	250726	102.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 204.600%#			
26) 1,2-Dichloroethane-d4	5.703	65	173378	105.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 210.800%#			
32) Benzene-d6	5.726	84	571187	114.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 228.040%#			
36) 1,2-Dichloropropane-d6	6.690	67	175598	113.102	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 226.200%#			
41) Toluene-d8	7.899	98	529730	116.138	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 232.280%#			
43) trans-1,3-Dichloroprop...	8.182	79	89298	119.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 238.300%#			
47) 2-Hexanone-d5	8.681	63	180247	244.859	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 244.860%#			
56) 1,1,2,2-Tetrachloroeth...	10.771	84	251460	106.799	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 213.600%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	206185	121.718	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 243.440%#			
Target Compounds						Qvalue
8) Chloroethane	1.601	64	1892	1.869	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	1849	1.426	ug/L #	21
12) 1,1-Dichloroethene	2.543	96	1550	1.258	ug/L #	1
25) Chloroform	5.089	83	15892	6.034	ug/L	96
35) Methylcyclohexane	6.690	83	42483	19.660	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	18533	13.374	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	5194	2.464	ug/L #	60
42) Toluene	7.973	91	8665	1.527	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	3791	1.831	ug/L	88
46) Tetrachloroethene	8.552	164	28552	27.879	ug/L	96
48) 2-Hexanone	8.684	43	22213	12.199	ug/L #	58
49) Dibromochloromethane	8.552	129	27279	18.685	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	10272	5.327	ug/L #	64

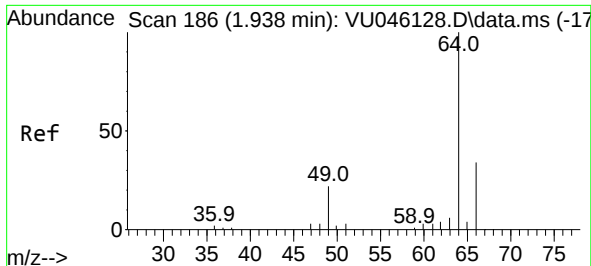
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.869 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.337 min

Lab File: VU046151.D

Acq: 07 Dec 2021 19:56

Instrument :

MSVOA_U

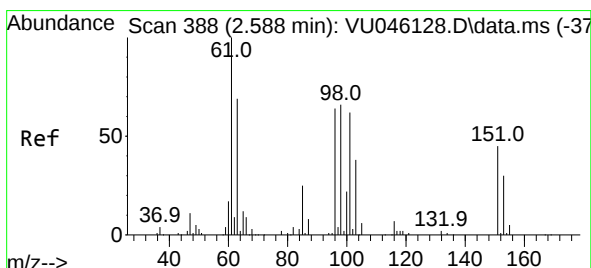
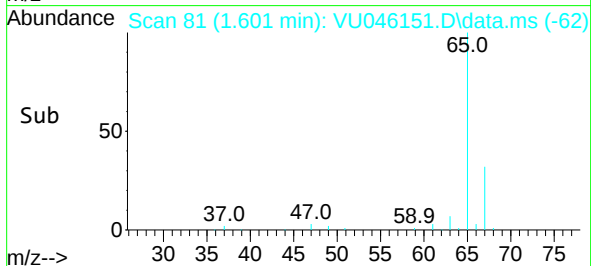
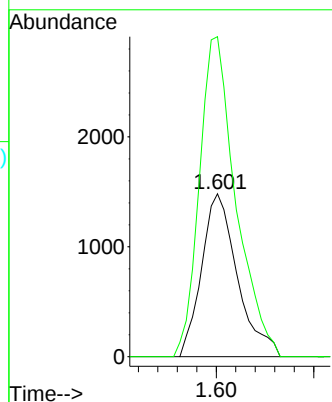
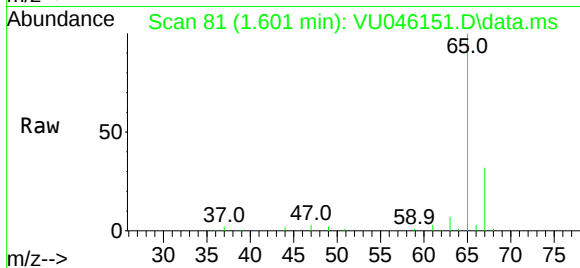
ClientSampleId :

Tgt Ion: 64 Resp: 1892

Ion Ratio Lower Upper

64 100

66 196.5 22.5 41.9#



#10

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

Concen: 1.426 ug/L

RT: 2.552 min Scan# 377

Delta R.T. -0.035 min

Lab File: VU046151.D

Acq: 07 Dec 2021 19:56

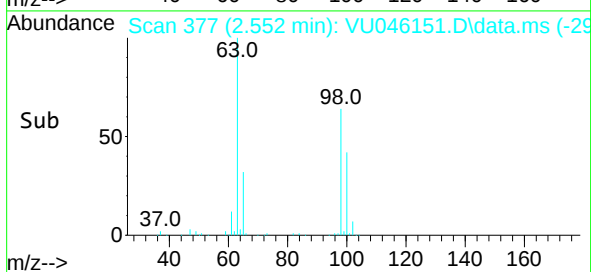
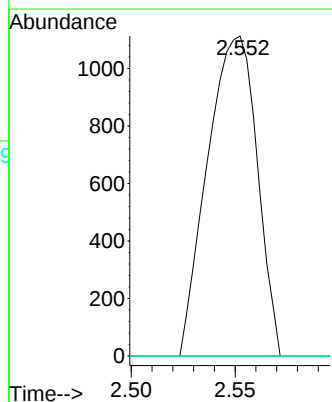
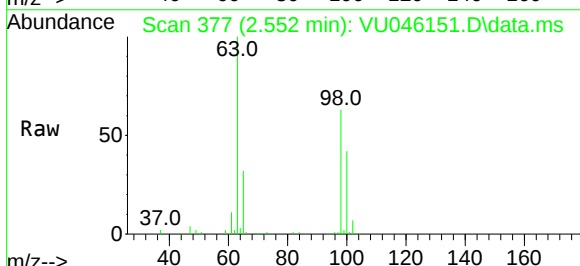
Tgt Ion:101 Resp: 1849

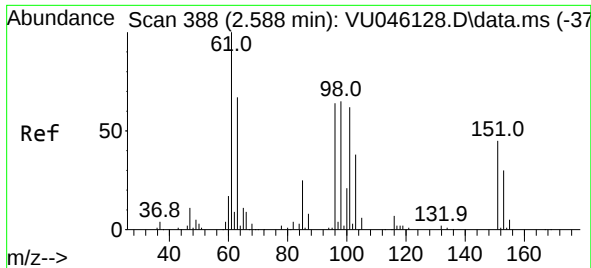
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 56.7 85.1#





#12

1,1-Dichloroethene

Concen: 1.258 ug/L

RT: 2.543 min Scan# 31

Delta R.T. -0.042 min

Lab File: VU046151.D

Acq: 07 Dec 2021 19:56

Instrument :

MSVOA_U

ClientSampleId :

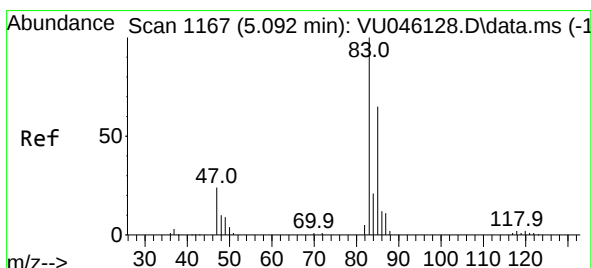
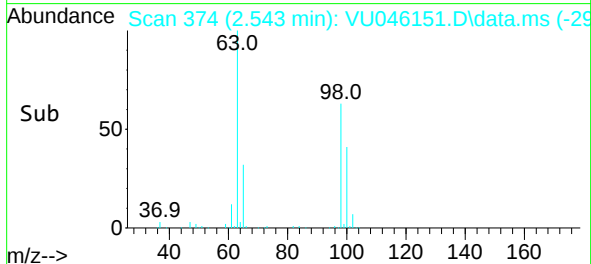
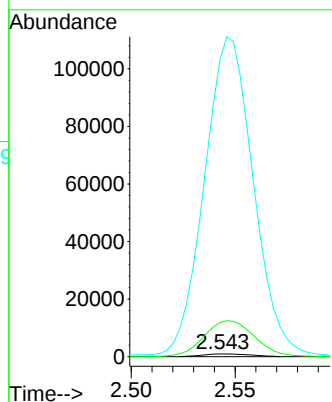
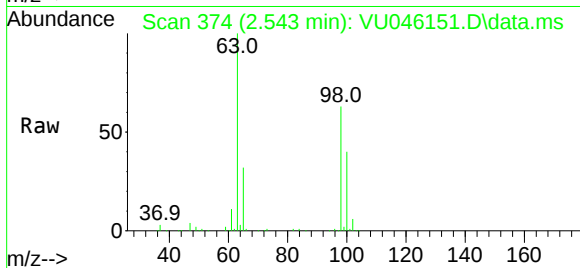
Tgt Ion: 96 Resp: 1550

Ion Ratio Lower Upper

96 100

61 1220.1 118.6 220.2#

63 10643.6 93.0 172.8#



#25

Chloroform

Concen: 6.034 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046151.D

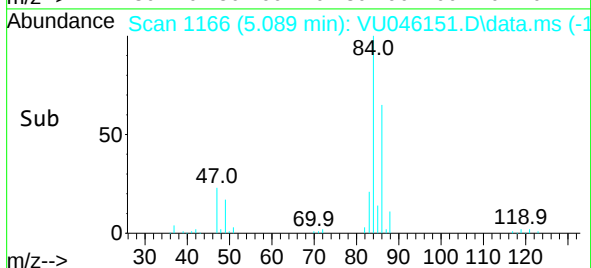
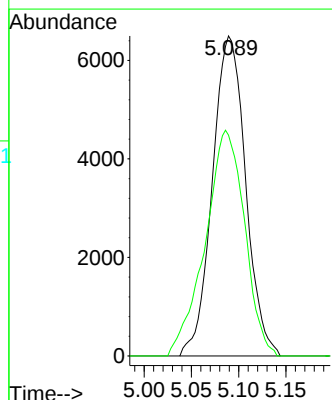
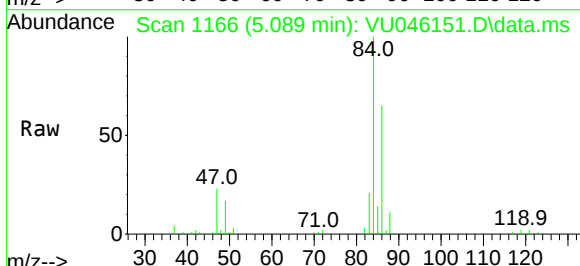
Acq: 07 Dec 2021 19:56

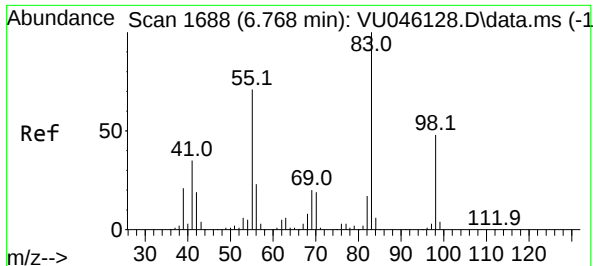
Tgt Ion: 83 Resp: 15892

Ion Ratio Lower Upper

83 100

85 69.0 45.8 85.2





#35

Methylcyclohexane

Concen: 19.660 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU046151.D

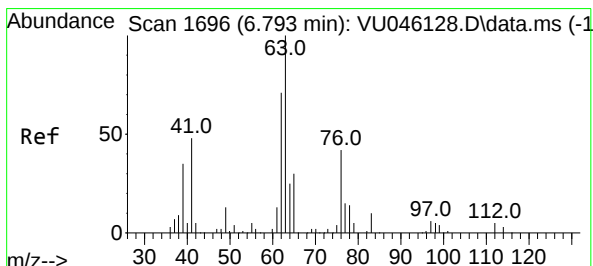
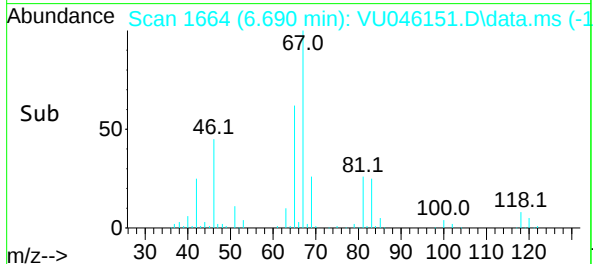
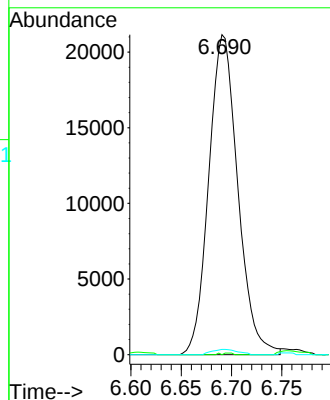
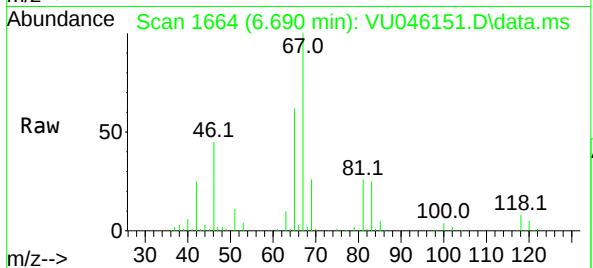
Acq: 07 Dec 2021 19:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 42483
Ion Ratio	Lower Upper
83 100	
55 0.1	57.8 86.6#
98 1.5	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 13.374 ug/L

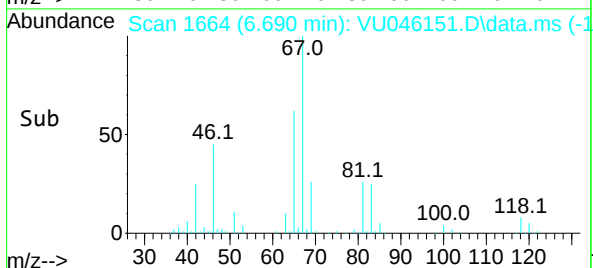
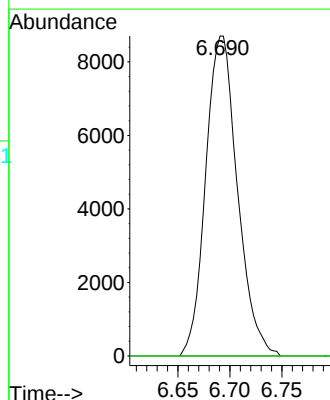
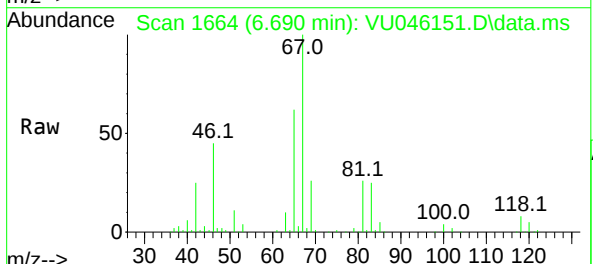
RT: 6.690 min Scan# 1664

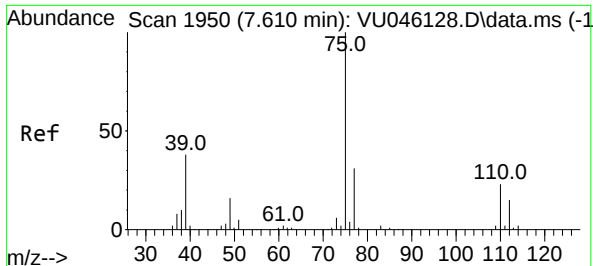
Delta R.T. -0.103 min

Lab File: VU046151.D

Acq: 07 Dec 2021 19:56

Tgt Ion: 63	Resp: 18533
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 2.464 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046151.D

Acq: 07 Dec 2021 19:56

Instrument :

MSVOA_U

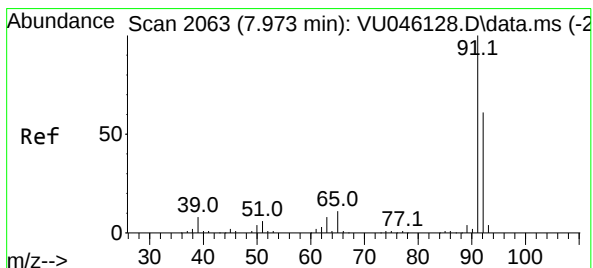
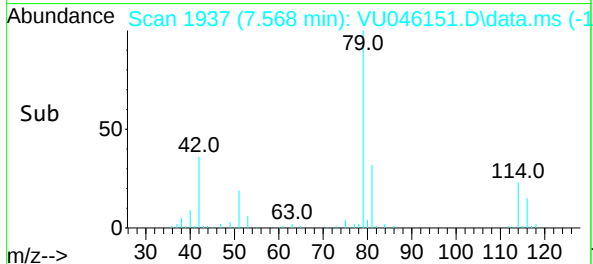
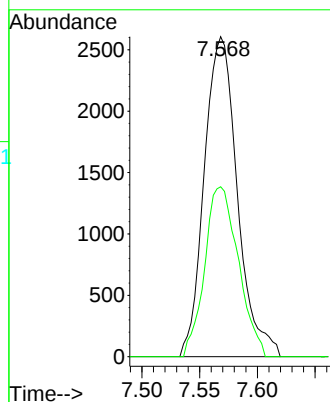
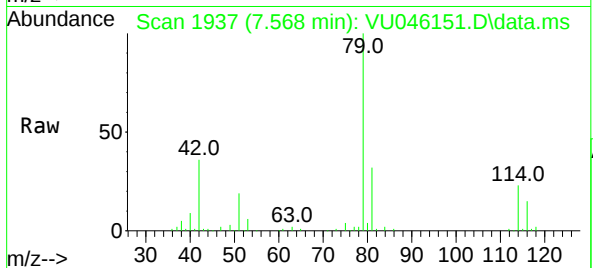
ClientSampleId :

Tgt Ion: 75 Resp: 5194

Ion Ratio Lower Upper

75 100

77 53.1 21.8 40.6#



#42

Toluene

Concen: 1.527 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046151.D

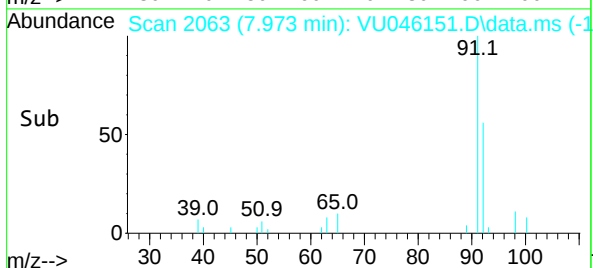
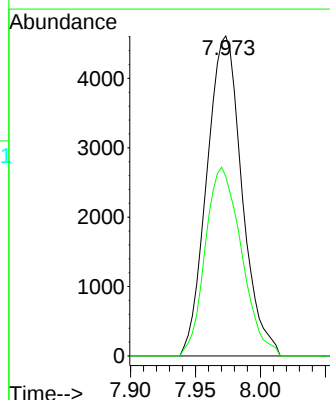
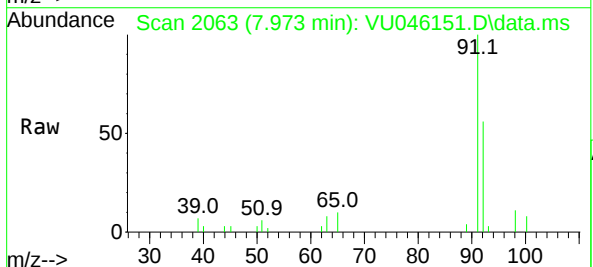
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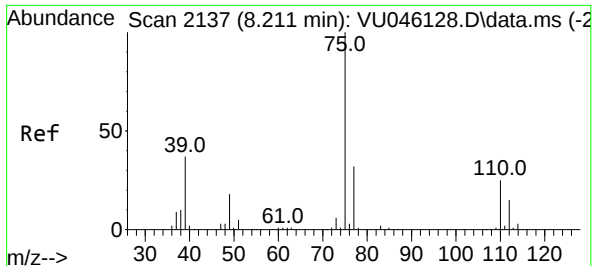
Tgt Ion: 91 Resp: 8665

Ion Ratio Lower Upper

91 100

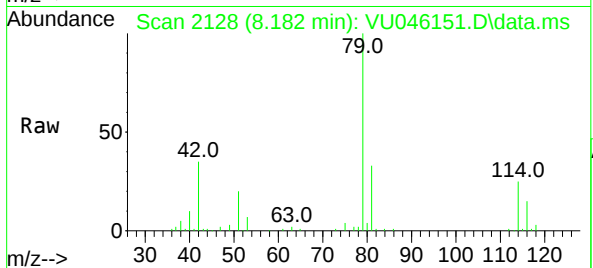
92 56.1 41.9 77.7



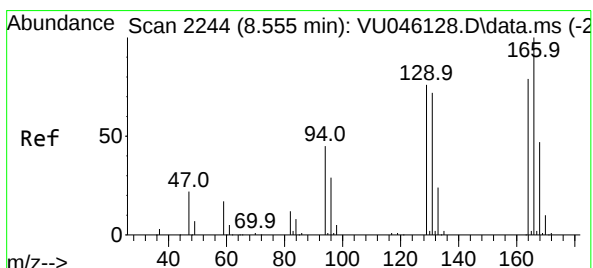
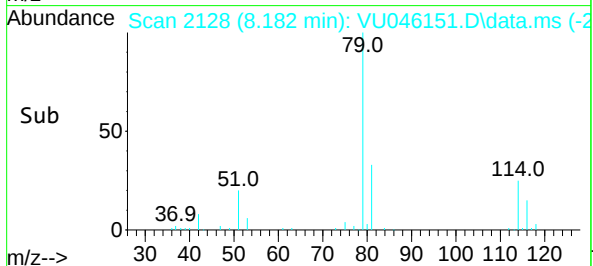
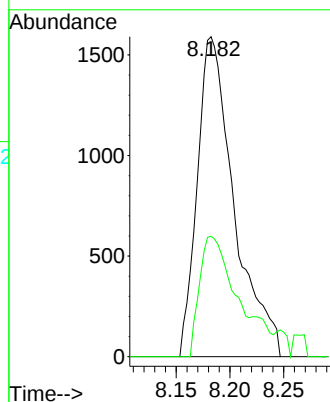


#44
trans-1,3-Dichloropropene
Concen: 1.831 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU046151.D
Acq: 07 Dec 2021 19:56

Instrument :
MSVOA_U
ClientSampleId :

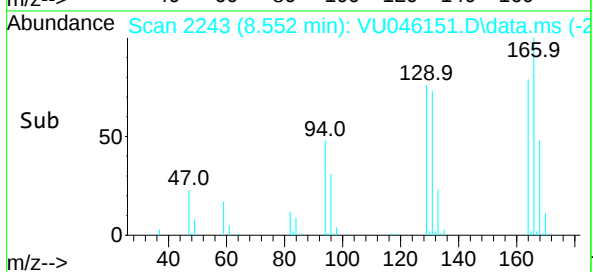
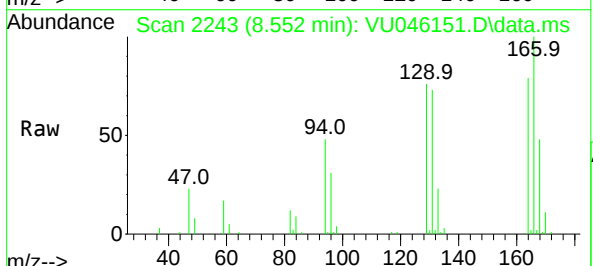
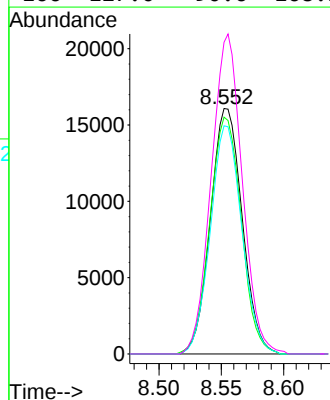


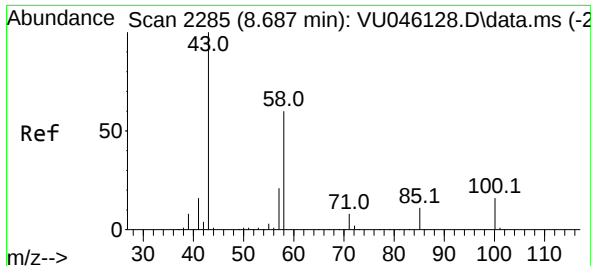
Tgt Ion: 75 Resp: 3791
Ion Ratio Lower Upper
75 100
77 37.6 21.7 40.3



#46
Tetrachloroethene
Concen: 27.879 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046151.D
Acq: 07 Dec 2021 19:56

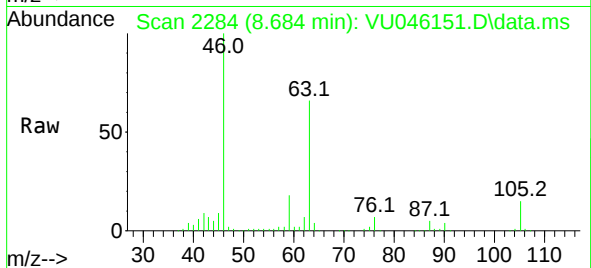
Tgt Ion: 164 Resp: 28552
Ion Ratio Lower Upper
164 100
129 96.5 71.1 132.1
131 93.0 67.8 126.0
166 127.0 90.6 168.2



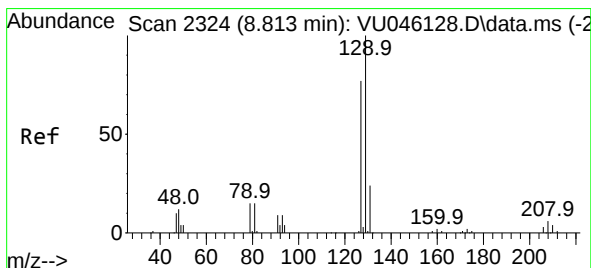
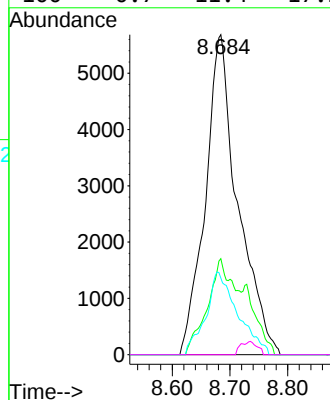
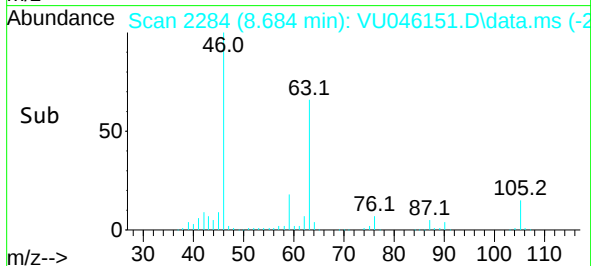


#48
2-Hexanone
Concen: 12.199 ug/L
RT: 8.684 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU046151.D
Acq: 07 Dec 2021 19:56

Instrument :
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ClientSampleId :

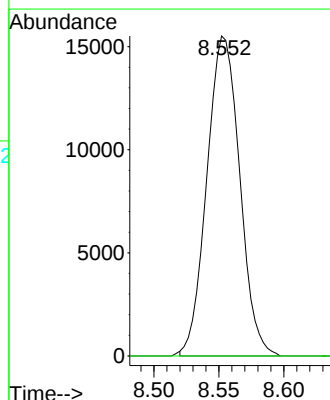
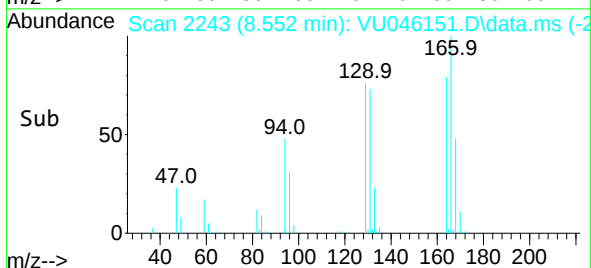
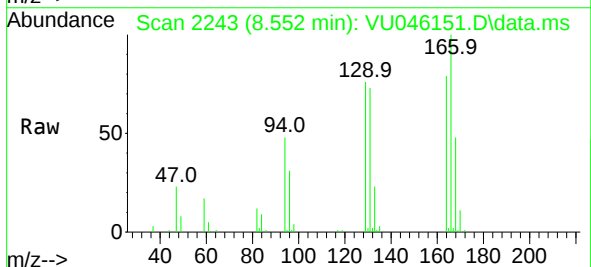


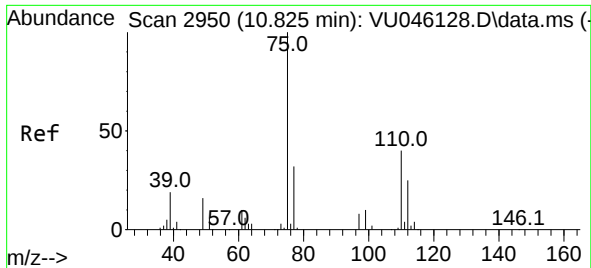
Tgt Ion: 43 Resp: 22213
Ion Ratio Lower Upper
43 100
58 18.0 47.4 71.2#
57 25.3 16.6 25.0#
100 0.7 11.4 17.2#



#49
Dibromochloromethane
Concen: 18.685 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046151.D
Acq: 07 Dec 2021 19:56

Tgt Ion: 129 Resp: 27279
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.327 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU046151.D
 Acq: 07 Dec 2021 19:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 10272
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.4 39.6
 110 1.3 32.4 48.6#

