

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050680.D
 Acq On : 08 Sep 2022 12:37
 Operator : SY/MD
 Sample : N4475-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVD8

Quant Time: Sep 08 22:54:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

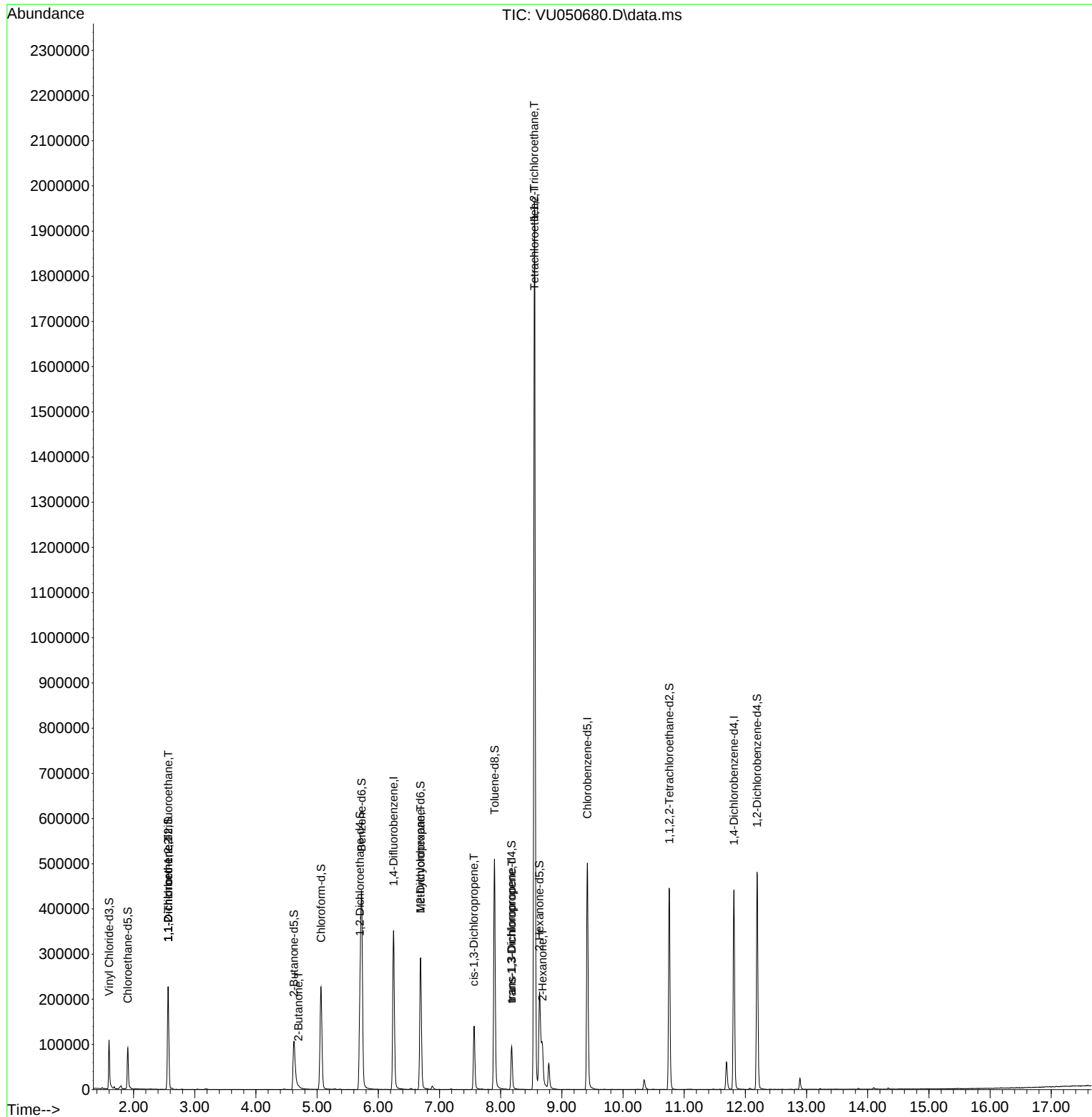
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295105	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	300159	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	89606	35.501	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.000%		
7) Chloroethane-d5	1.906	69	72508	42.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.960%		
11) 1,1-Dichloroethene-d2	2.565	63	134619	30.181	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.360%		
21) 2-Butanone-d5	4.620	46	154474	83.650	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.650%		
24) Chloroform-d	5.063	84	221385	46.278	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.560%		
26) 1,2-Dichloroethane-d4	5.700	65	148770	50.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.780%		
32) Benzene-d6	5.729	84	430061	43.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.720%		
36) 1,2-Dichloropropane-d6	6.690	67	146097	44.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.720%		
41) Toluene-d8	7.899	98	358395	42.251	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.500%		
43) trans-1,3-Dichloroprop...	8.179	79	57875	42.950	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.900%		
47) 2-Hexanone-d5	8.632	63	62105	75.814	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.810%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	224928	45.640	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.280%		
66) 1,2-Dichlorobenzene-d4	12.192	152	132497	45.904	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1186	0.514	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	995	0.444	ug/L #	1
22) 2-Butanone	4.697	43	2132	0.979	ug/L	78
35) Methylcyclohexane	6.690	83	34226	8.458	ug/L #	19
39) cis-1,3-Dichloropropene	7.562	75	3801	0.973	ug/L #	75
44) trans-1,3-Dichloropropene	8.182	75	2663	0.727	ug/L	92
45) 1,1,2-Trichloroethane	8.549	97	3857	1.392	ug/L #	2
46) Tetrachloroethene	8.552	164	437443	235.303	ug/L	99
48) 2-Hexanone	8.684	43	45023	12.269	ug/L	90

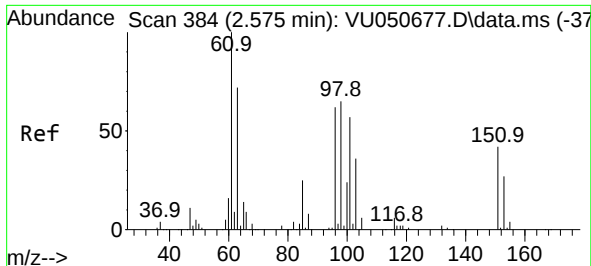
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 08 22:51:50 2022
Response via : Initial Calibration





#10

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

Concen: 0.514 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU050680.D

Acq: 08 Sep 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

DBVD8

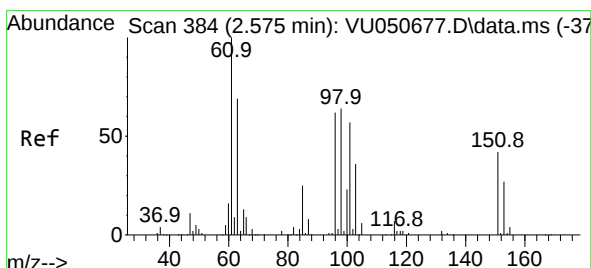
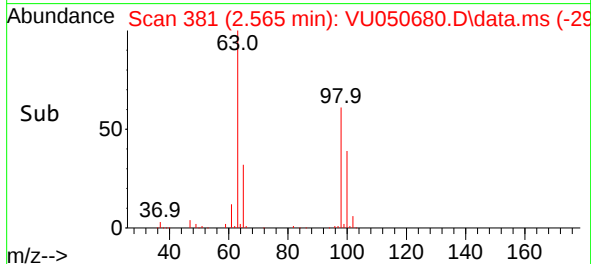
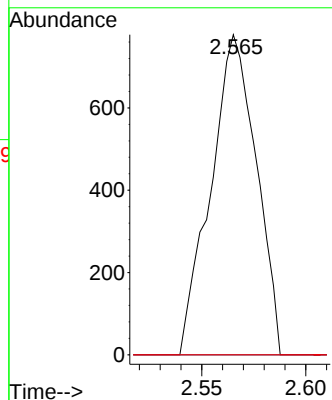
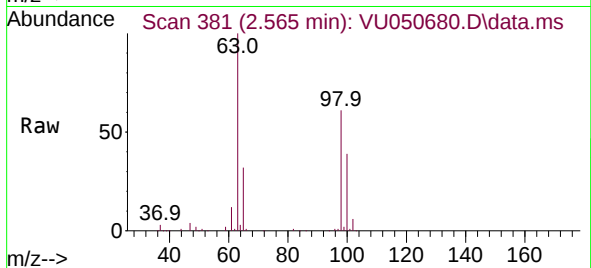
Tgt Ion:101 Resp: 1186

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

151 0.0 57.7 86.5#



#12

1,1-Dichloroethene

Concen: 0.444 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU050680.D

Acq: 08 Sep 2022 12:37

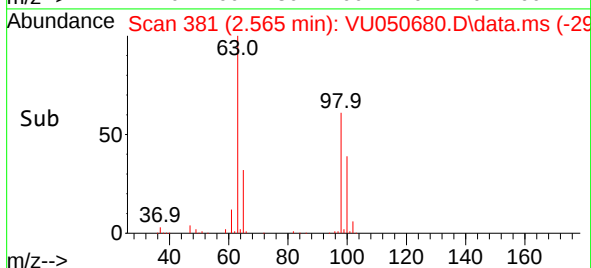
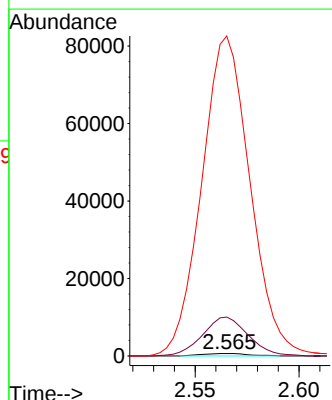
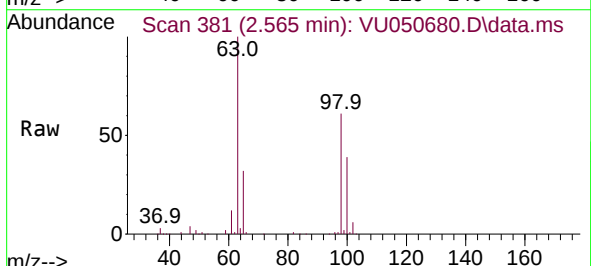
Tgt Ion: 96 Resp: 995

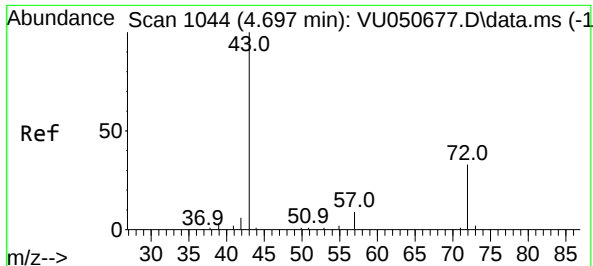
Ion Ratio Lower Upper

96 100

61 1583.0 118.0 219.1#

63 13007.9 79.5 147.7#

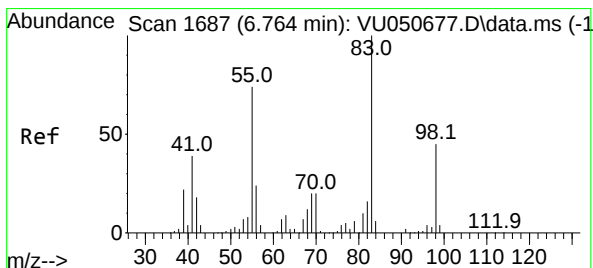
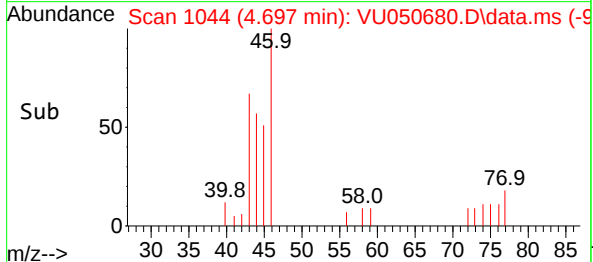
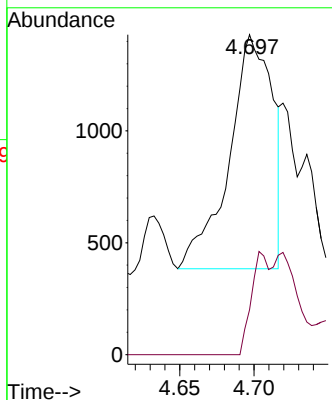
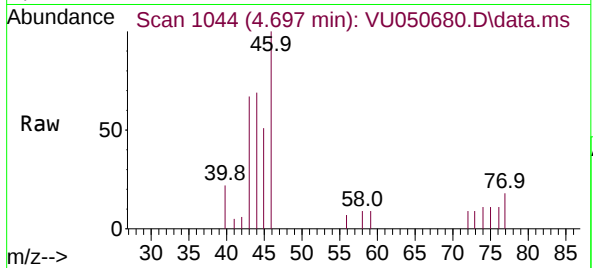




#22
2-Butanone
Concen: 0.979 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU050680.D
Acq: 08 Sep 2022 12:37

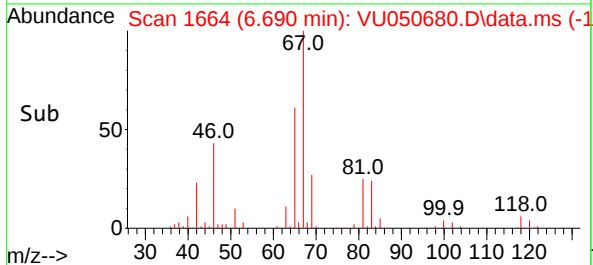
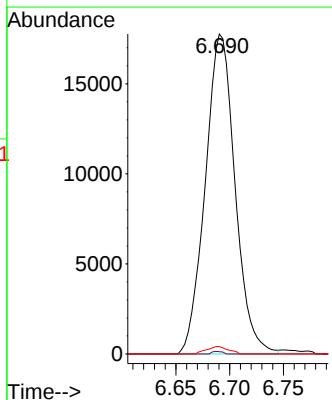
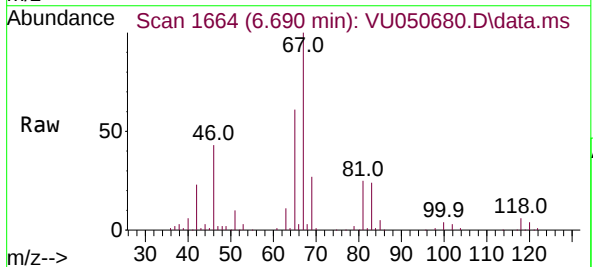
Instrument :
MSVOA_U
ClientSampleId :
DBVD8

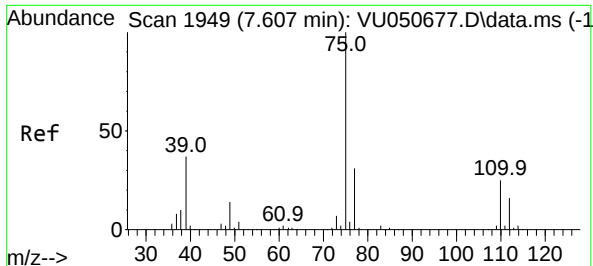
Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
72 17.6 14.6 44.0



#35
Methylcyclohexane
Concen: 8.458 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050680.D
Acq: 08 Sep 2022 12:37

Tgt Ion: 83 Resp: 34226
Ion Ratio Lower Upper
83 100
55 0.3 62.6 93.8#
98 1.7 35.5 53.3#





#39

cis-1,3-Dichloropropene

Concen: 0.973 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU050680.D

Acq: 08 Sep 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

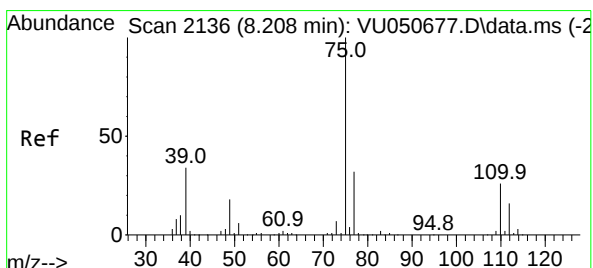
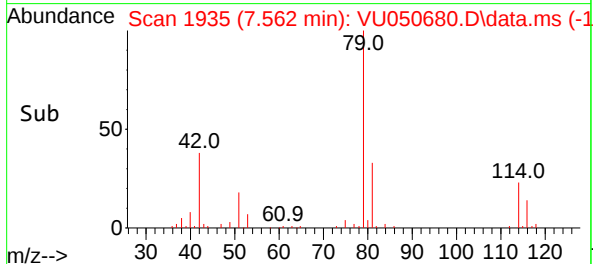
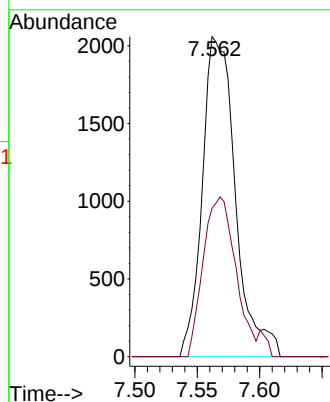
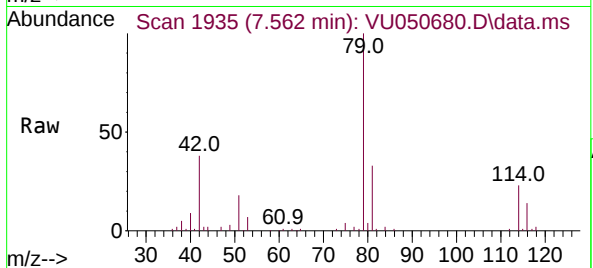
DBVD8

Tgt Ion: 75 Resp: 3801

Ion Ratio Lower Upper

75 100

77 46.3 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.026 min

Lab File: VU050680.D

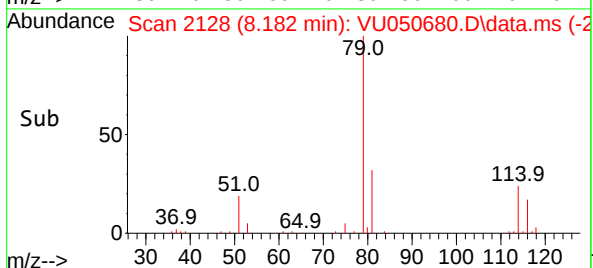
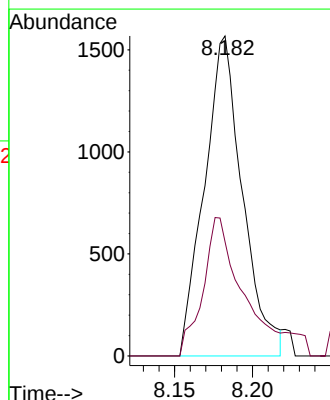
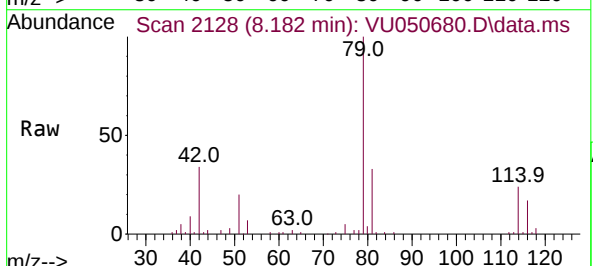
Acq: 08 Sep 2022 12:37

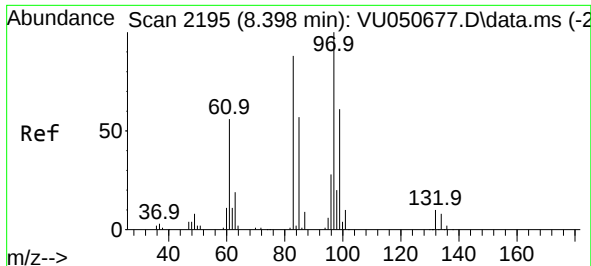
Tgt Ion: 75 Resp: 2663

Ion Ratio Lower Upper

75 100

77 35.8 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 1.392 ug/L

RT: 8.549 min Scan# 2195

Delta R.T. 0.151 min

Lab File: VU050680.D

Acq: 08 Sep 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

DBVD8

Tgt Ion: 97 Resp: 3857

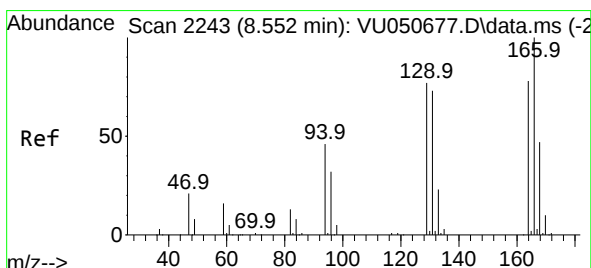
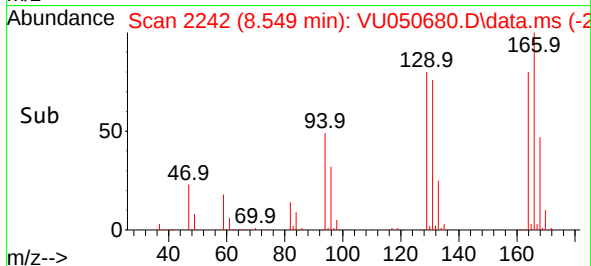
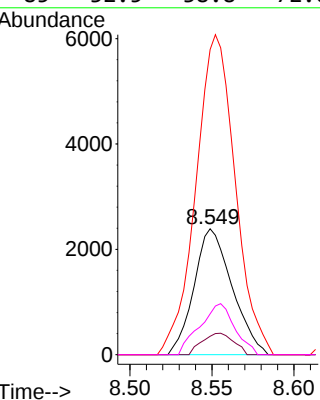
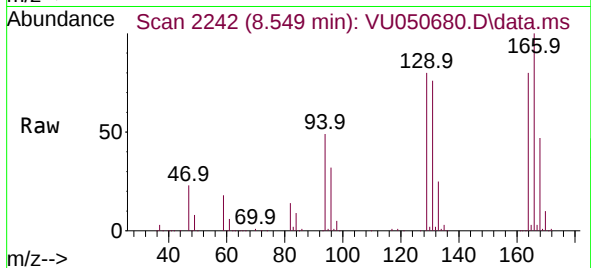
Ion Ratio Lower Upper

97 100

99 14.6 43.5 80.9#

83 242.3 61.6 114.4#

85 32.5 38.8 72.0#



#46

Tetrachloroethene

Concen: 235.303 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050680.D

Acq: 08 Sep 2022 12:37

Tgt Ion:164 Resp: 437443

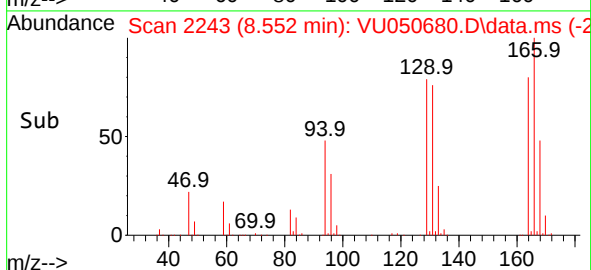
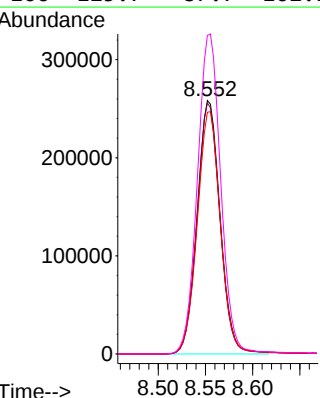
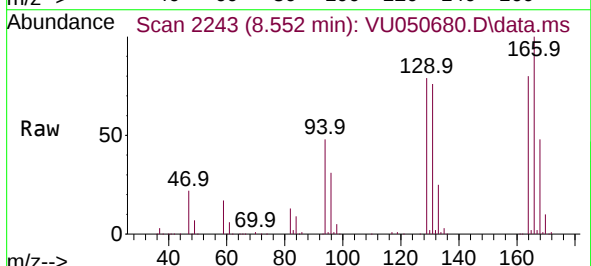
Ion Ratio Lower Upper

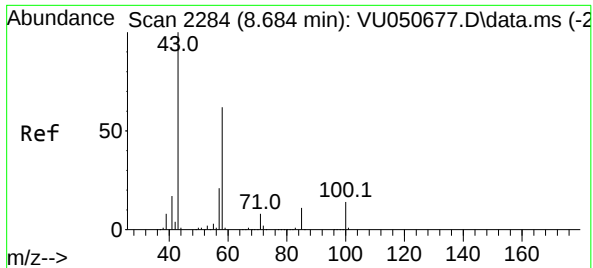
164 100

129 99.1 68.7 127.5

131 95.4 66.2 123.0

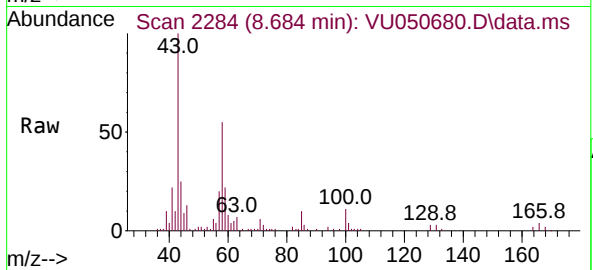
166 125.7 87.7 162.9





#48
 2-Hexanone
 Concen: 12.269 ug/L
 RT: 8.684 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU050680.D
 Acq: 08 Sep 2022 12:37

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVD8



Tgt Ion: 43	Resp: 45023
Ion Ratio	Lower Upper
43 100	
58 53.7	51.8 77.6
57 20.0	17.0 25.4
100 12.2	9.8 14.8

