

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050686.D
 Acq On : 08 Sep 2022 15:26
 Operator : SY/MD
 Sample : N4475-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVE1

Quant Time: Sep 08 22:55:54 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)

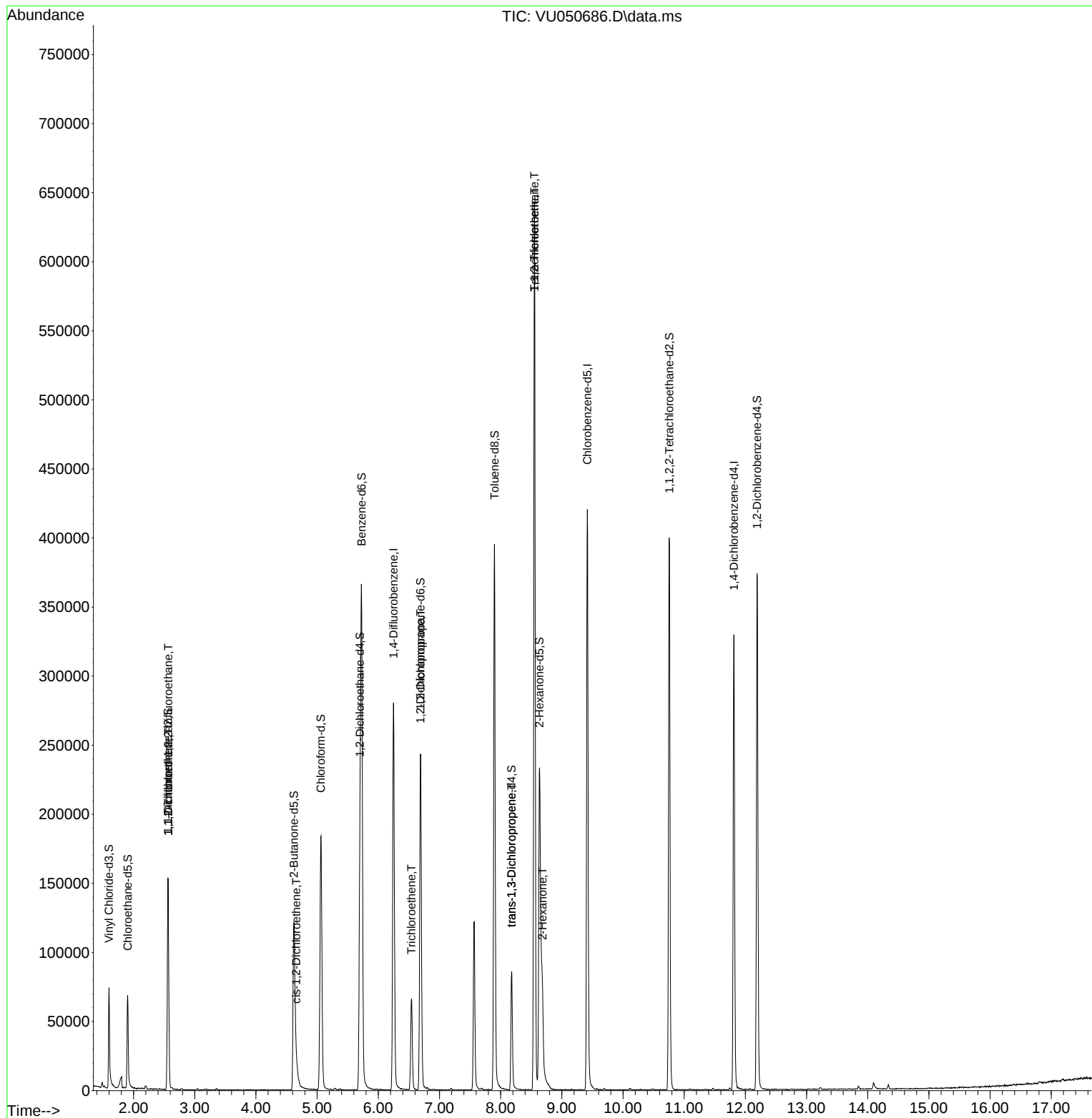
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	236173	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	247864	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61752	30.570	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.140%		
7) Chloroethane-d5	1.903	69	53897	39.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.920%		
11) 1,1-Dichloroethene-d2	2.562	63	91682	25.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.360%#		
21) 2-Butanone-d5	4.620	46	174962	118.385	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.390%		
24) Chloroform-d	5.060	84	182242	47.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.200%		
26) 1,2-Dichloroethane-d4	5.700	65	125059	53.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.920%		
32) Benzene-d6	5.726	84	347080	42.373	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.740%		
36) 1,2-Dichloropropane-d6	6.690	67	122244	45.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.920%		
41) Toluene-d8	7.899	98	275484	39.329	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.660%#		
43) trans-1,3-Dichloroprop...	8.179	79	51048	45.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.760%		
47) 2-Hexanone-d5	8.632	63	69559	102.828	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.830%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	206148	50.655	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.300%		
66) 1,2-Dichlorobenzene-d4	12.192	152	105503	48.245	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	816	0.442	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1110	0.619	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	3738	1.742	ug/L	79
34) Trichloroethene	6.543	95	23584	11.221	ug/L	96
37) 1,2-Dichloropropane	6.687	63	13773	5.780	ug/L #	89
44) trans-1,3-Dichloropropene	8.179	75	2395	0.791	ug/L #	63
45) 1,1,2-Trichloroethane	8.552	97	1303	0.569	ug/L #	21
46) Tetrachloroethene	8.552	164	142715	92.964	ug/L	99
48) 2-Hexanone	8.684	43	35547	11.731	ug/L #	87

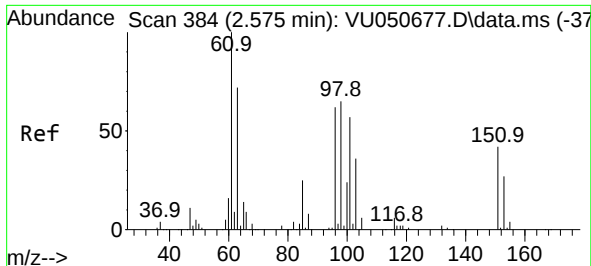
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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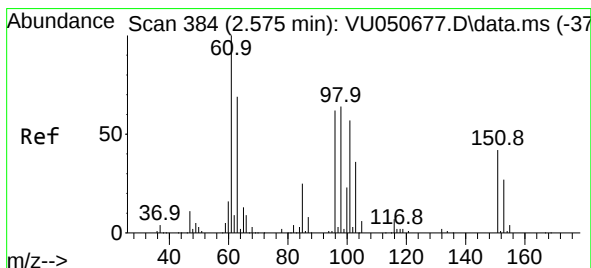
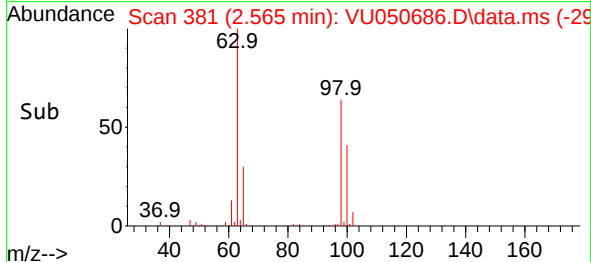
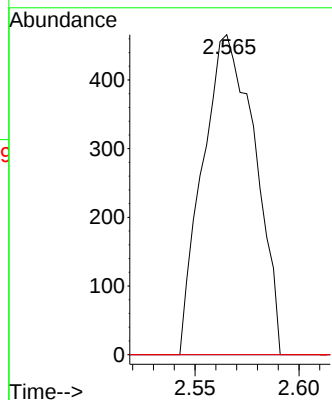
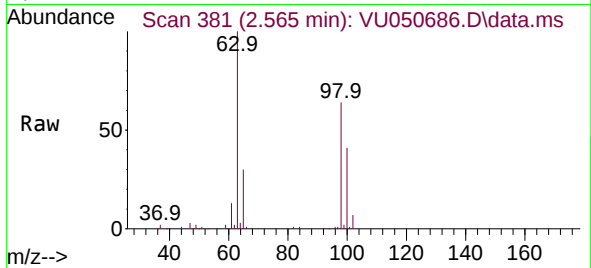




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.442 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

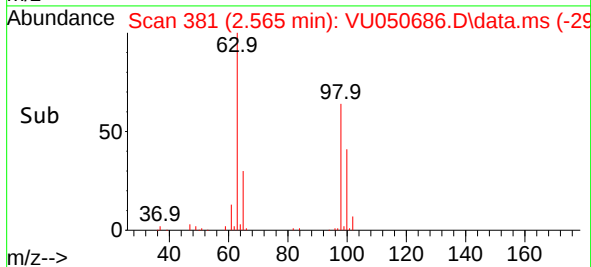
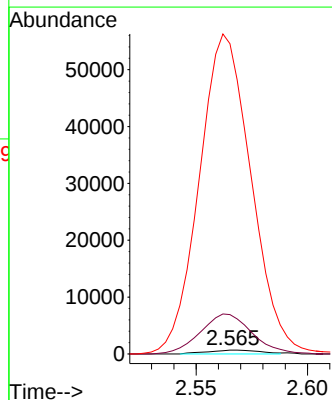
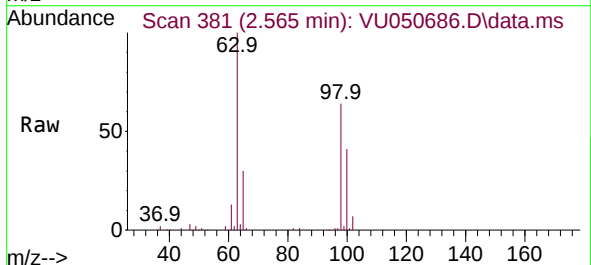
Instrument :
MSVOA_U
ClientSampleId :
DBVE1

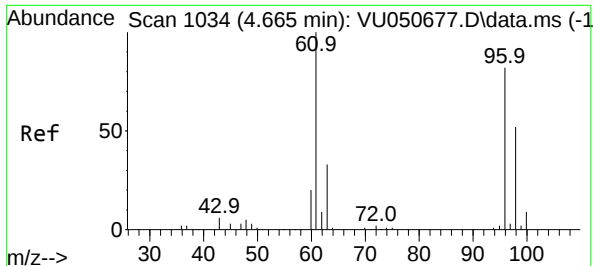
Tgt Ion:101 Resp: 816
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 0.0 57.7 86.5#



#12
1,1-Dichloroethene
Concen: 0.619 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Tgt Ion: 96 Resp: 1110
Ion Ratio Lower Upper
96 100
61 1025.8 118.0 219.1#
63 8086.5 79.5 147.7#

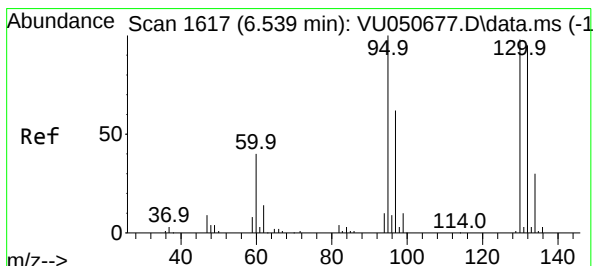
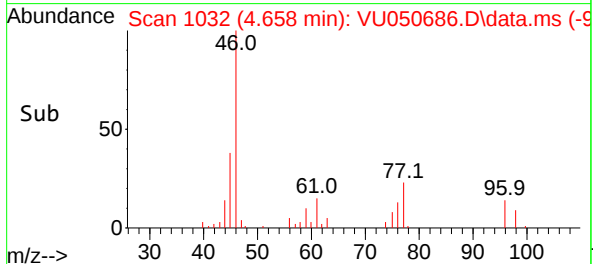
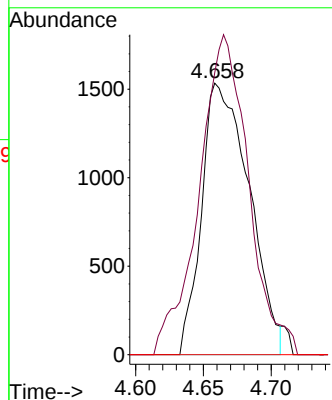
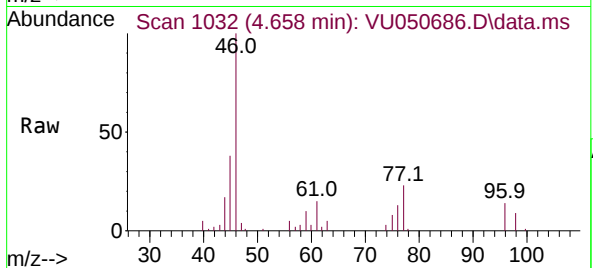




#20
cis-1,2-Dichloroethene
Concen: 1.742 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

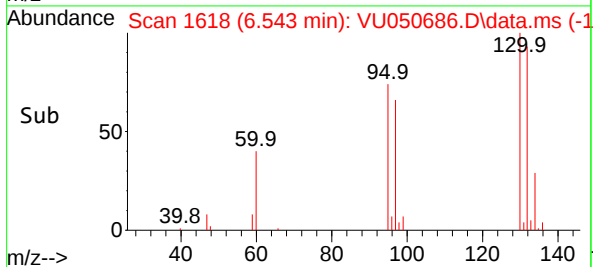
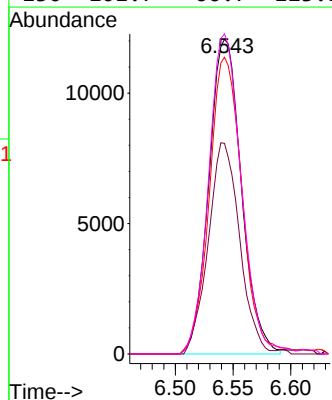
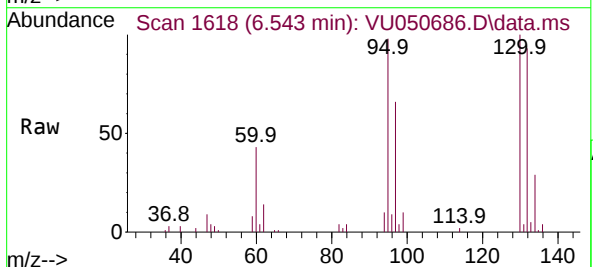
Instrument :
MSVOA_U
ClientSampleId :
DBVE1

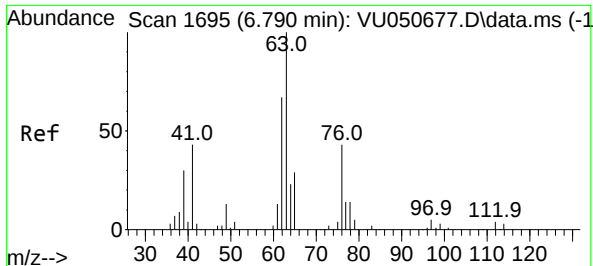
Tgt Ion: 96 Resp: 3738
Ion Ratio Lower Upper
96 100
61 103.9 89.8 166.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 11.221 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050686.D
Acq: 08 Sep 2022 15:26

Tgt Ion: 95 Resp: 23584
Ion Ratio Lower Upper
95 100
97 66.9 45.4 84.2
132 94.3 65.2 121.2
130 101.7 66.7 123.9





#37

1,2-Dichloropropane

Concen: 5.780 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050686.D

Acq: 08 Sep 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :

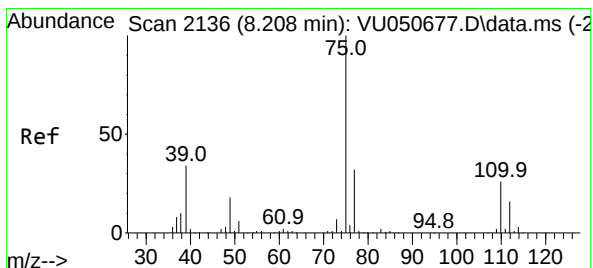
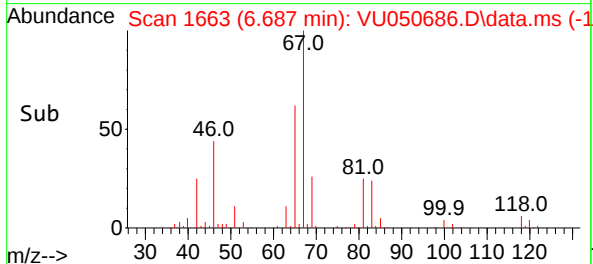
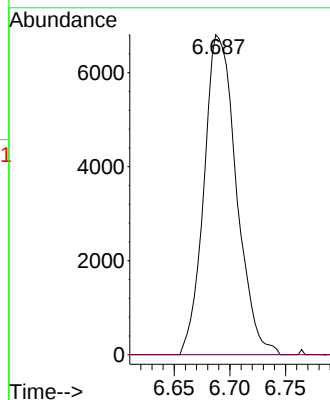
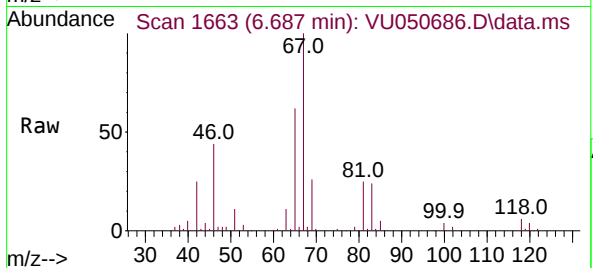
DBVE1

Tgt Ion: 63 Resp: 13773

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#44

trans-1,3-Dichloropropene

Concen: 0.791 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU050686.D

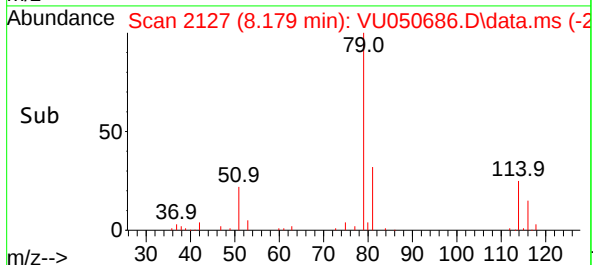
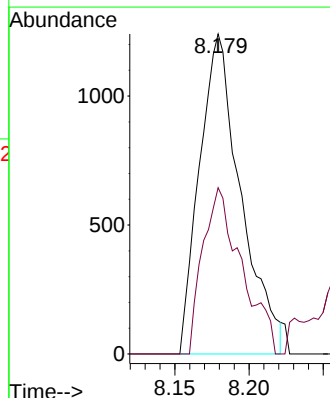
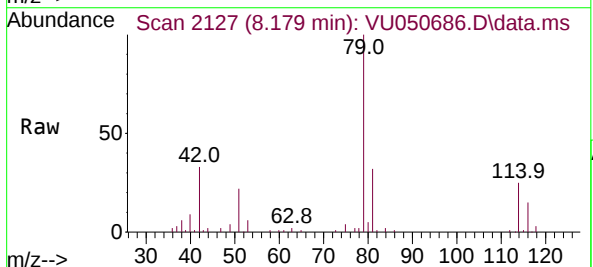
Acq: 08 Sep 2022 15:26

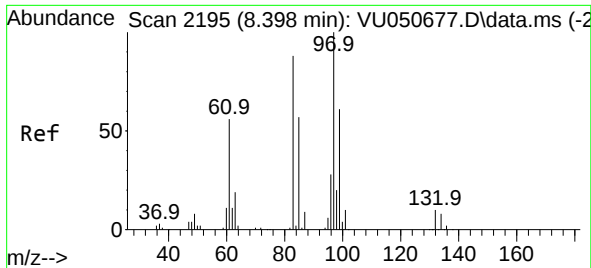
Tgt Ion: 75 Resp: 2395

Ion Ratio Lower Upper

75 100

77 52.0 22.1 41.1#





#45

1,1,2-Trichloroethane

Concen: 0.569 ug/L

RT: 8.552 min Scan# 2195

Delta R.T. 0.154 min

Lab File: VU050686.D

Acq: 08 Sep 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :

DBVE1

Tgt Ion: 97 Resp: 1303

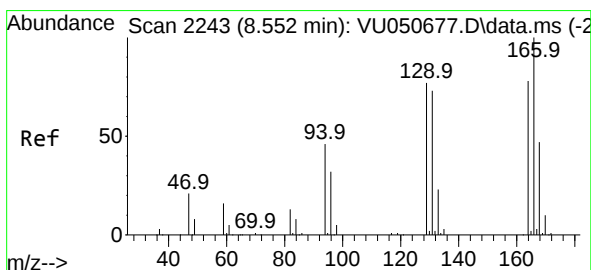
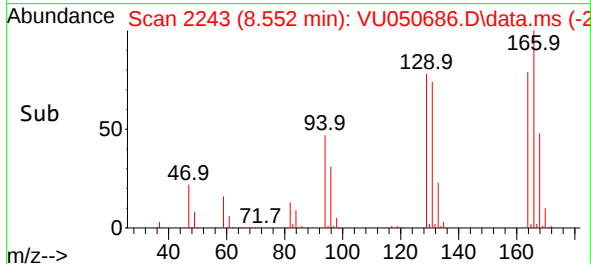
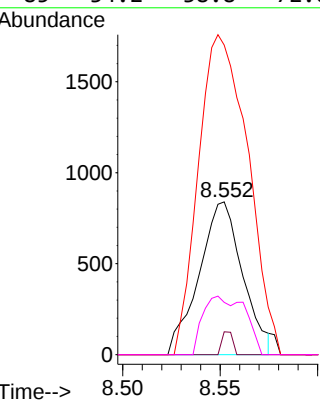
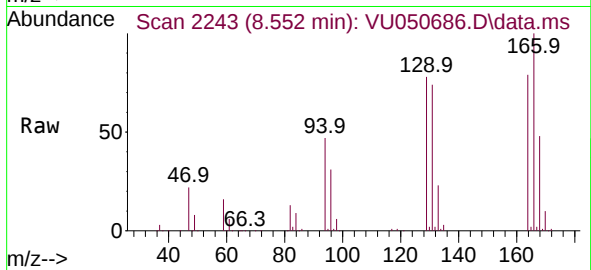
Ion Ratio Lower Upper

97 100

99 15.0 43.5 80.9#

83 202.6 61.6 114.4#

85 34.2 38.8 72.0#



#46

Tetrachloroethene

Concen: 92.964 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050686.D

Acq: 08 Sep 2022 15:26

Tgt Ion:164 Resp: 142715

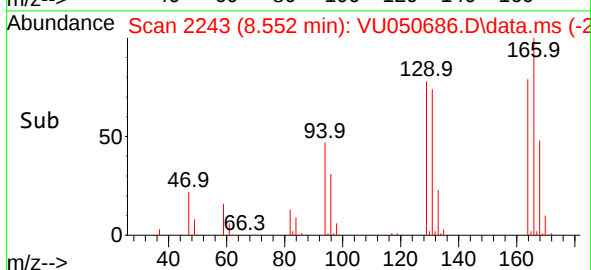
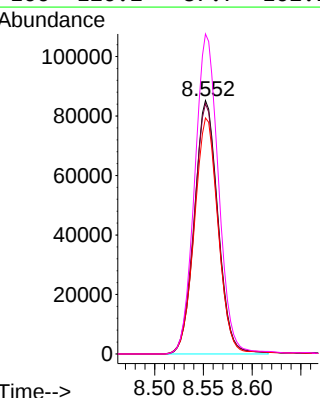
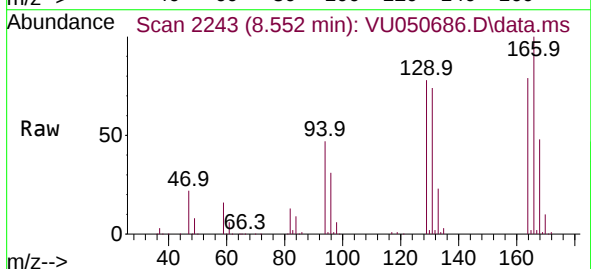
Ion Ratio Lower Upper

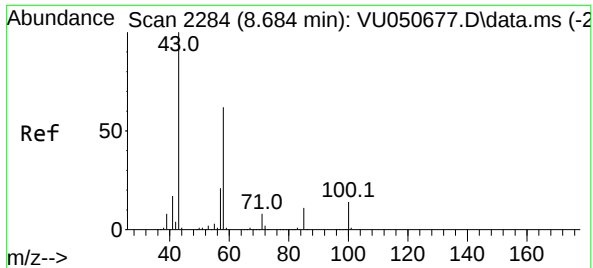
164 100

129 98.7 68.7 127.5

131 93.1 66.2 123.0

166 126.2 87.7 162.9





#48
 2-Hexanone
 Concen: 11.731 ug/L
 RT: 8.684 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU050686.D
 Acq: 08 Sep 2022 15:26

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Tgt Ion: 43	Resp:	35547
Ion	Ratio	Lower Upper
43	100	
58	50.7	51.8 77.6#
57	22.8	17.0 25.4
100	9.8	9.8 14.8#

