

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050286.D
 Acq On : 12 Aug 2022 17:09
 Operator : SY/MD
 Sample : VU0811WBL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

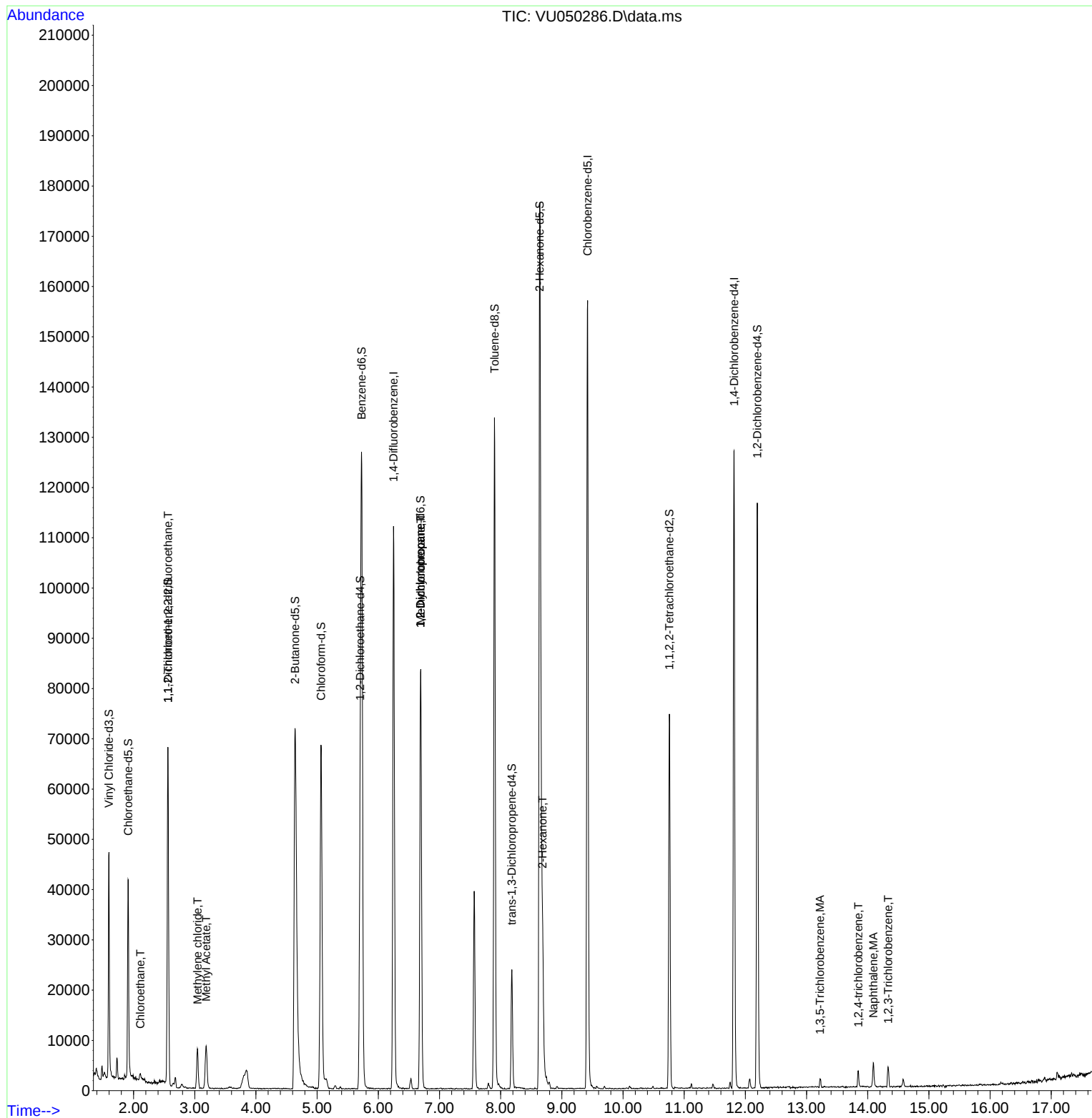
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90193	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	35309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32908	4.384	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.912	69	28718	4.742	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.562	65	12274	4.184	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.600%	
20) 2-Butanone-d5	4.639	46	104868	57.293	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.580%	
24) Chloroform-d	5.063	84	64636	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.703	65	36102	5.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.729	84	119863	4.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
36) 1,2-Dichloropropane-d6	6.690	67	42866	4.551	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.899	98	91932	3.639	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...	8.182	79	14103	4.178	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.639	63	54691	45.693	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.380%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38721	4.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	31205	4.511	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						
					Qvalue	
8) Chloroethane	2.112	64	1016	0.178	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	342	0.058	ug/L #	22
15) Methyl Acetate	3.186	43	676	0.243	ug/L #	46
16) Methylene chloride	3.044	84	3816	0.401	ug/L	93
35) Methylcyclohexane	6.694	83	9943	0.992	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4150	0.485	ug/L #	89
48) 2-Hexanone	8.684	43	15041	3.925	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.221	180	789	0.093	ug/L #	89
70) 1,2,4-trichlorobenzene	13.848	180	1503	0.234	ug/L	89
71) Naphthalene	14.092	128	5007	0.381	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	1624	0.250	ug/L	96

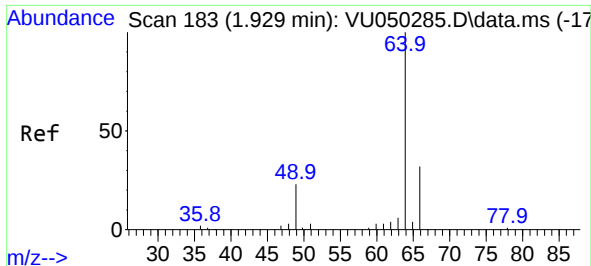
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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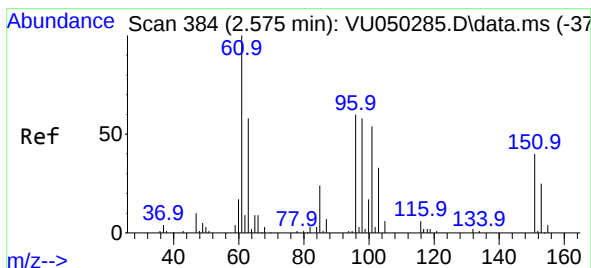
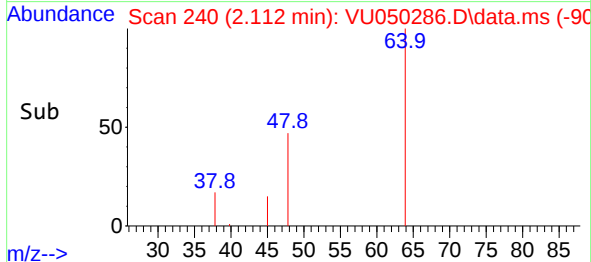
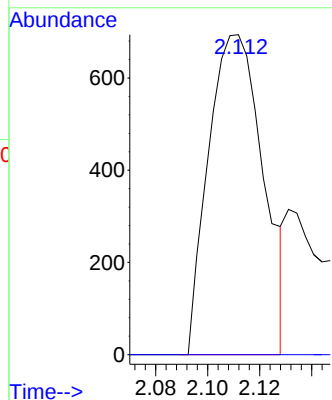
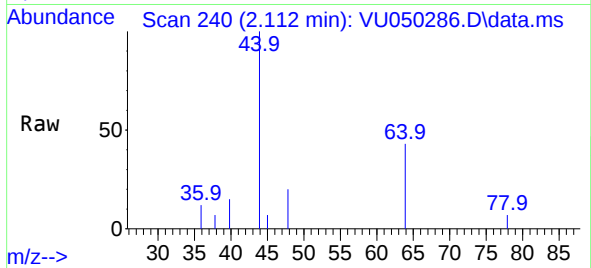




#8
Chloroethane
Concen: 0.178 ug/L
RT: 2.112 min Scan# 24
Delta R.T. 0.183 min
Lab File: VU050286.D
Acq: 12 Aug 2022 17:09

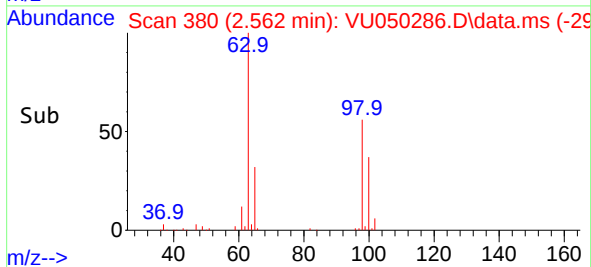
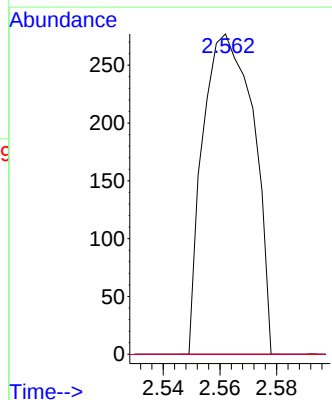
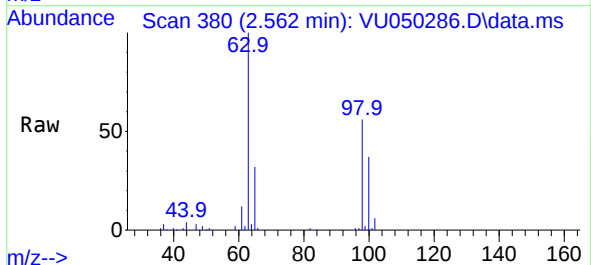
Instrument :
MSVOA_U
ClientSampleId :

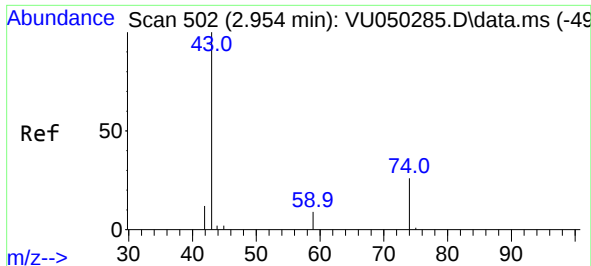
Tgt Ion: 64 Resp: 1016
Ion Ratio Lower Upper
64 100
66 0.0 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050286.D
Acq: 12 Aug 2022 17:09

Tgt Ion: 101 Resp: 342
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

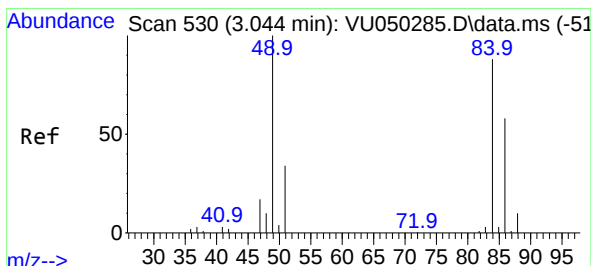
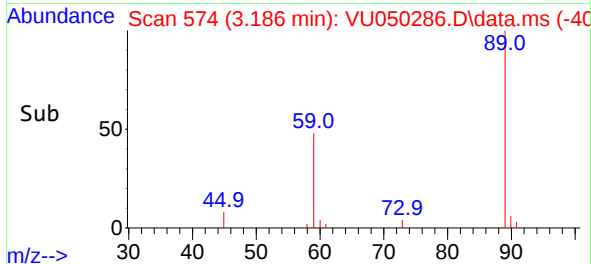
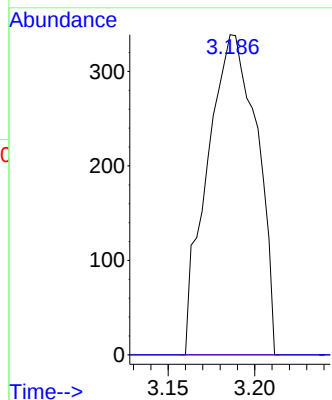
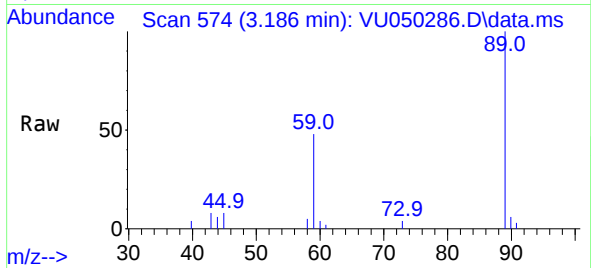




#15
Methyl Acetate
Concen: 0.243 ug/L
RT: 3.186 min Scan# 51
Delta R.T. 0.231 min
Lab File: VU050286.D
Acq: 12 Aug 2022 17:09

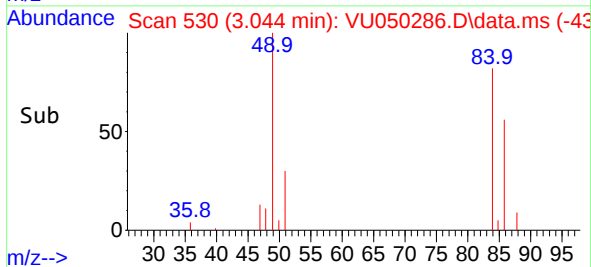
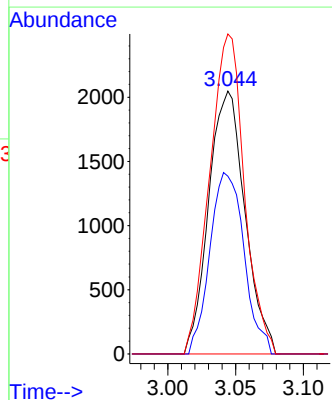
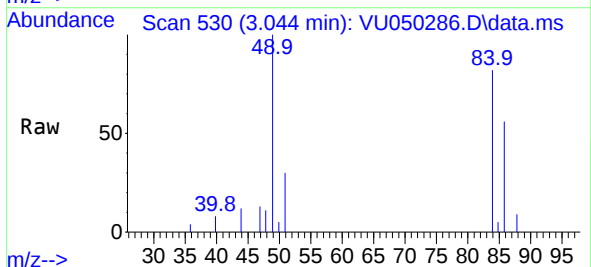
Instrument :
MSVOA_U
ClientSampleId :

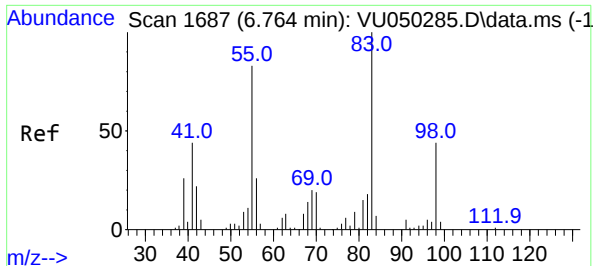
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#16
Methylene chloride
Concen: 0.401 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050286.D
Acq: 12 Aug 2022 17:09

Tgt Ion: 84 Resp: 3816
Ion Ratio Lower Upper
84 100
86 67.6 45.9 85.3
49 121.7 77.6 144.0





#35

Methylcyclohexane

Concen: 0.992 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050286.D

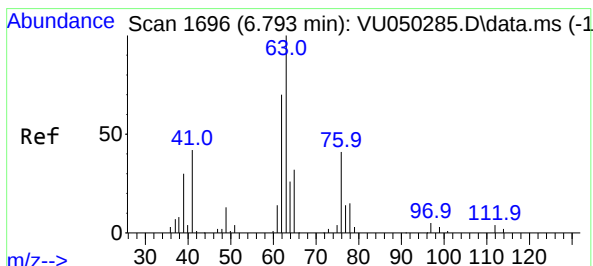
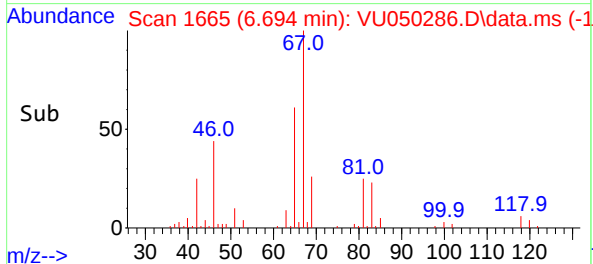
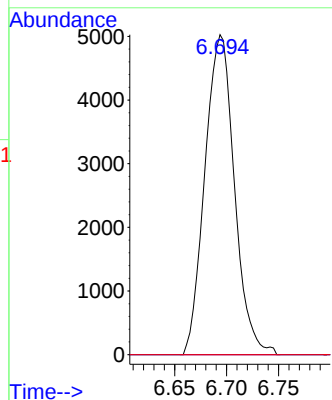
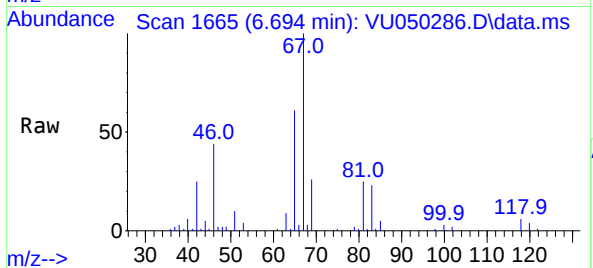
Acq: 12 Aug 2022 17:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9943
Ion Ratio	Lower	Upper
83	100	
55	0.0	62.7 94.1#
98	1.3	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.485 ug/L

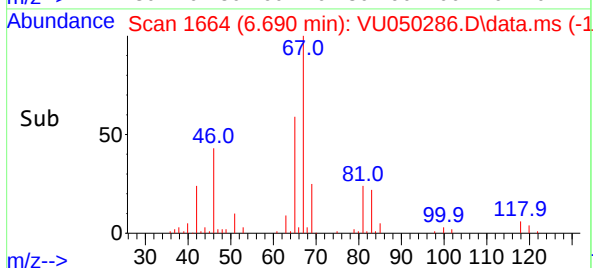
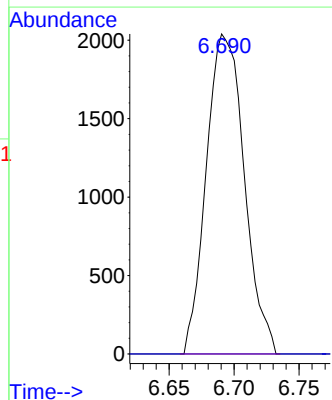
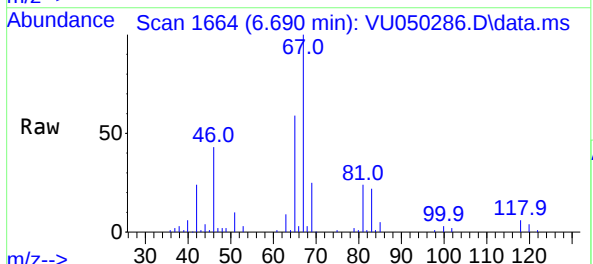
RT: 6.690 min Scan# 1664

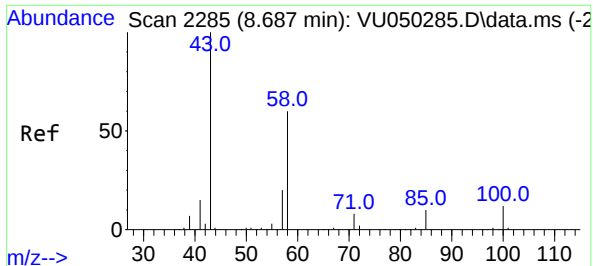
Delta R.T. -0.103 min

Lab File: VU050286.D

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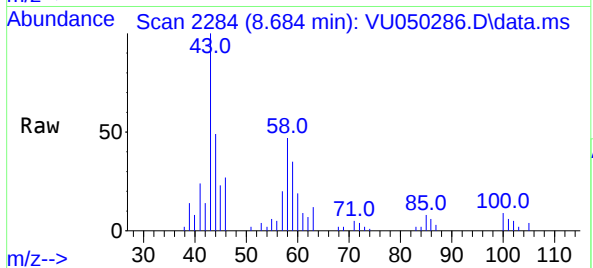
Tgt Ion: 63	Resp:	4150
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#



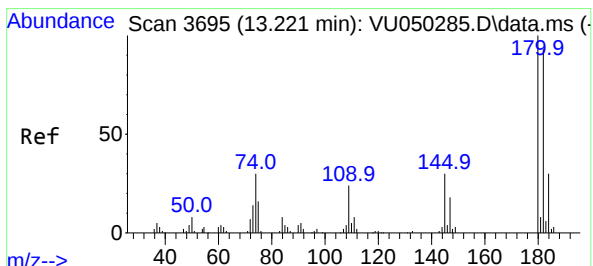
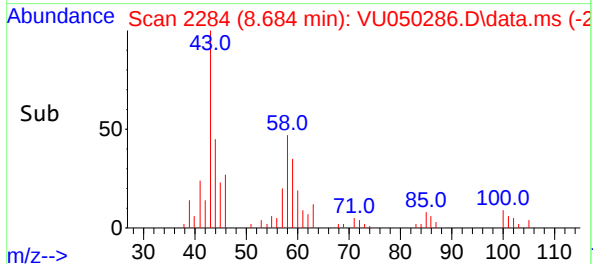
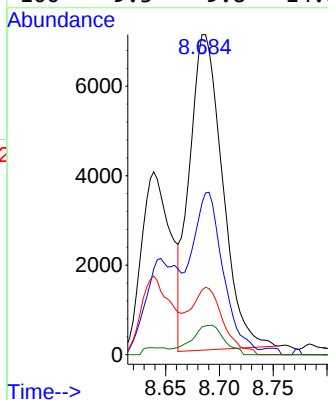


#48
2-Hexanone
Concen: 3.925 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050286.D
Acq: 12 Aug 2022 17:09

Instrument :
MSVOA_U
ClientSampleId :

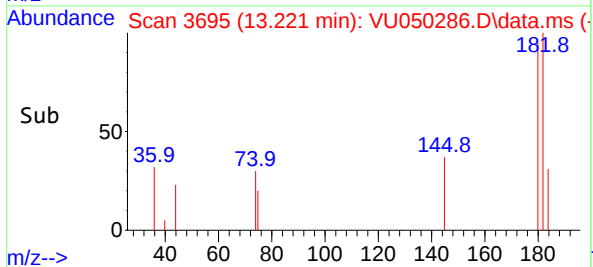
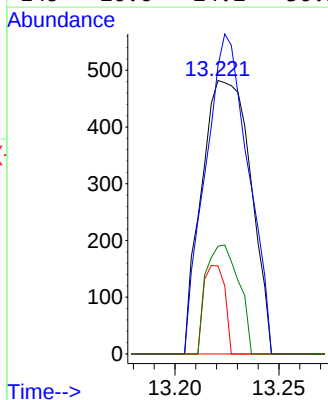
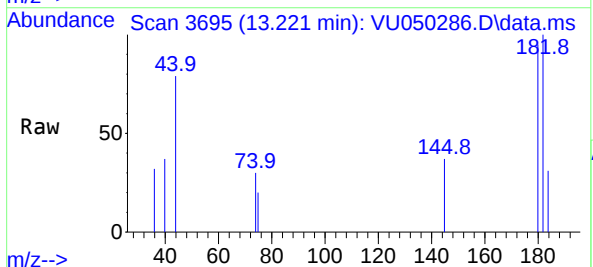


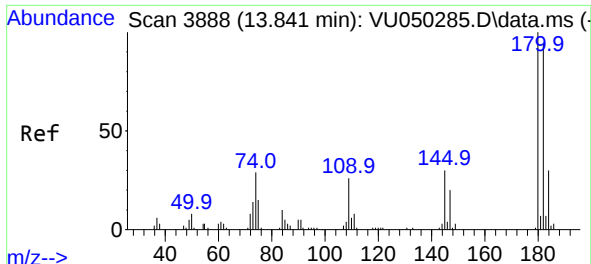
Tgt Ion: 43 Resp: 15041
Ion Ratio Lower Upper
43 100
58 50.0 50.6 76.0#
57 20.0 16.0 24.0
100 9.3 9.8 14.8#



#69
1,3,5-Trichlorobenzene
Concen: 0.093 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU050286.D
Acq: 12 Aug 2022 17:09

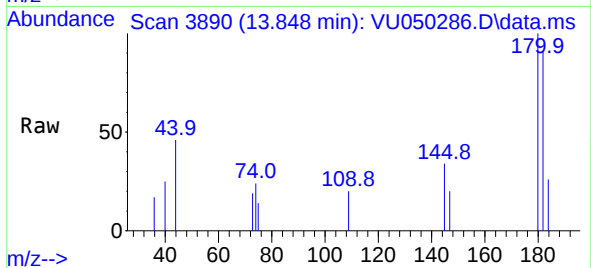
Tgt Ion:180 Resp: 789
Ion Ratio Lower Upper
180 100
182 102.3 77.3 115.9
184 13.8 24.1 36.1#
145 26.6 24.2 36.2



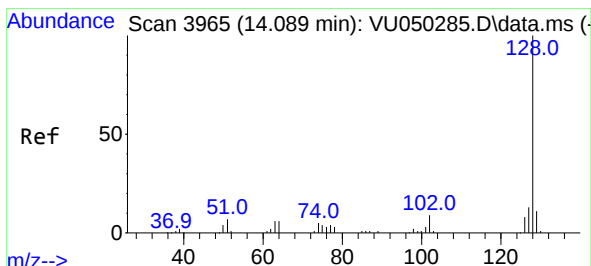
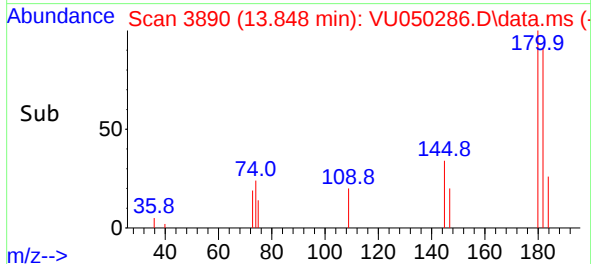
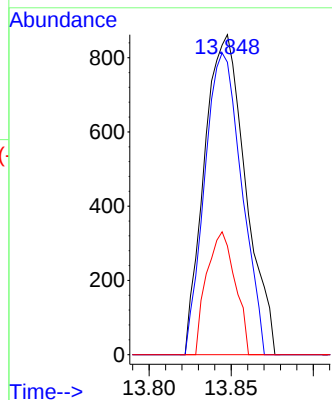


#70
1,2,4-trichlorobenzene
Concen: 0.234 ug/L
RT: 13.848 min Scan# 3888
Delta R.T. 0.006 min
Lab File: VU050286.D
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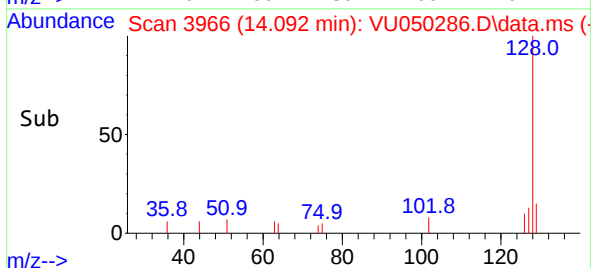
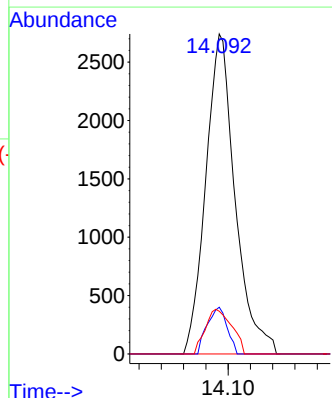
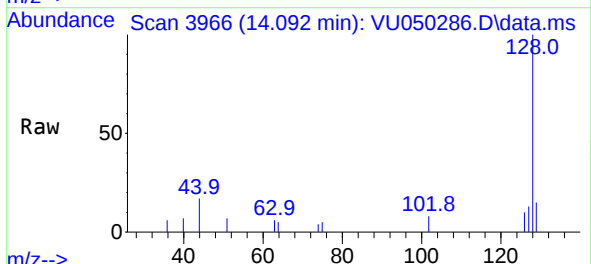


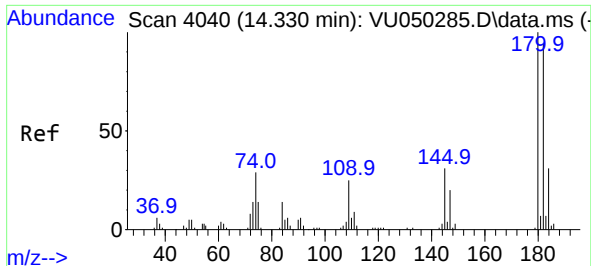
Tgt Ion:180 Resp: 1503
Ion Ratio Lower Upper
180 100
182 84.6 76.9 115.3
145 26.5 24.2 36.4



#71
Naphthalene
Concen: 0.381 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050286.D
Acq: 12 Aug 2022 17:09

Tgt Ion:128 Resp: 5007
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 12.5 10.6 16.0





#72

1,2,3-Trichlorobenzene

Concen: 0.250 ug/L

RT: 14.336 min Scan# 40

Delta R.T. 0.006 min

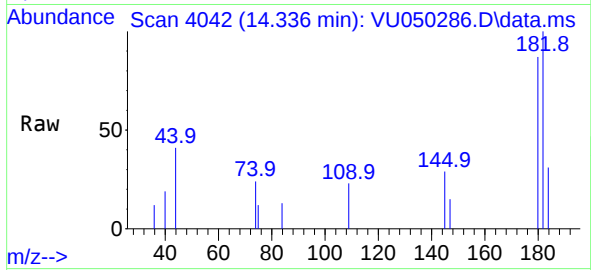
Lab File: VU050286.D

Acq: 12 Aug 2022 17:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1624

Ion Ratio Lower Upper

180 100

182 100.6 77.5 116.3

145 29.4 25.8 38.6

