

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043280.D
 Acq On : 22 Apr 2021 16:00
 Operator : SY/MD
 Sample : M2088-04DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4485DL

Quant Time: Apr 22 23:42:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

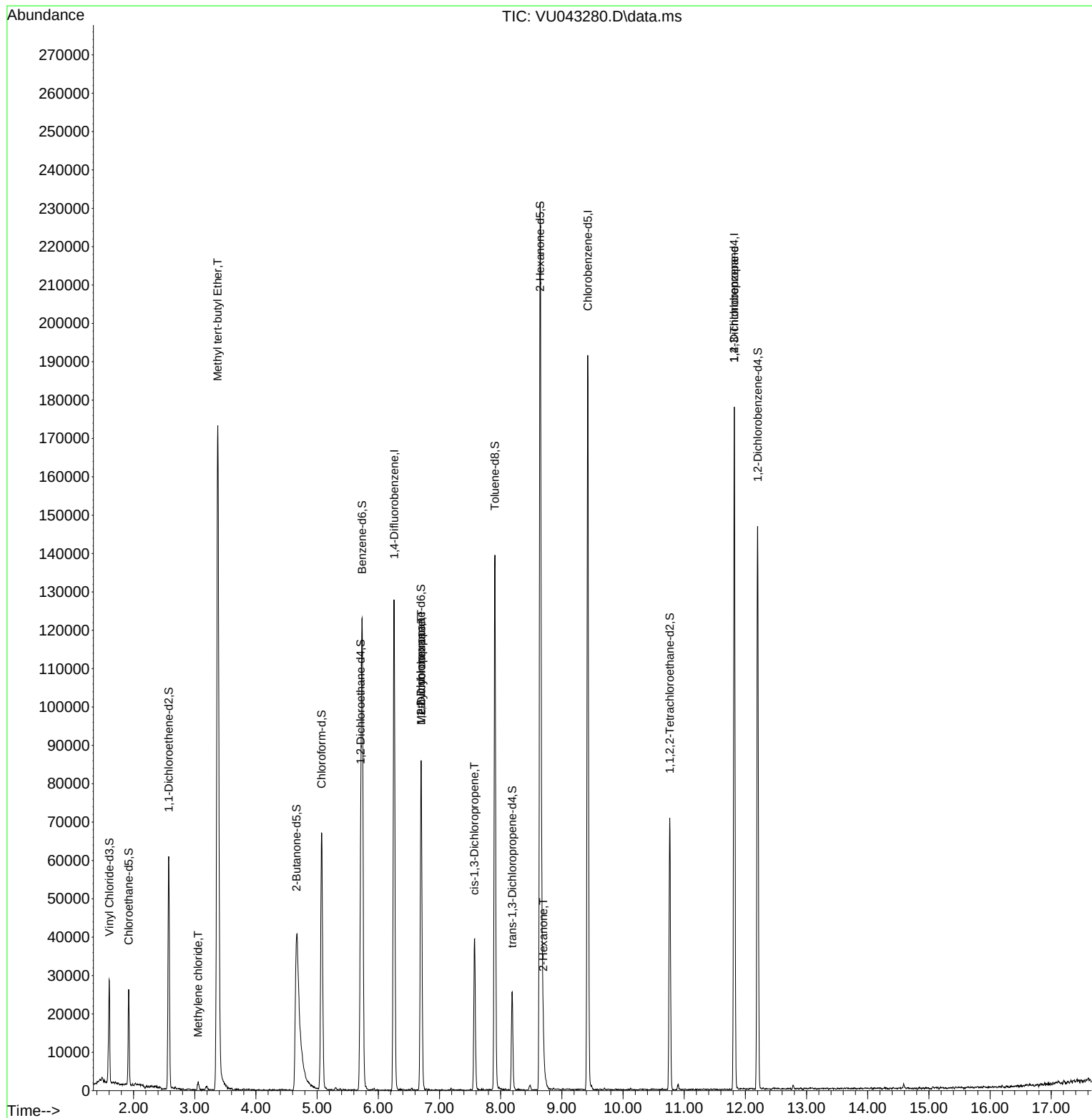
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	93096	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	94999	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42871	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17120	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.919	69	16358	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.575	65	11570	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.665	46	127903	61.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.20%
24) Chloroform-d	5.073	84	59664	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.713	65	39793	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.735	84	100336	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.700	67	36543	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.906	98	83781	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloroprop...	8.189	79	13415	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.645	63	76081	47.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.18%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33370	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	36603	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.054	84	784	0.12	ug/L	84
17) Methyl tert-butyl Ether	3.375	73	180517	10.67	ug/L	# 92
35) Methylcyclohexane	6.703	83	8588	0.89	ug/L	# 19
37) 1,2-Dichloropropane	6.703	63	4248	0.59	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	992	0.09	ug/L	90
48) 2-Hexanone	8.697	43	6183	1.31	ug/L	# 84
61) 1,2,3-Trichloropropane	11.819	75	5507	1.24	ug/L	# 62

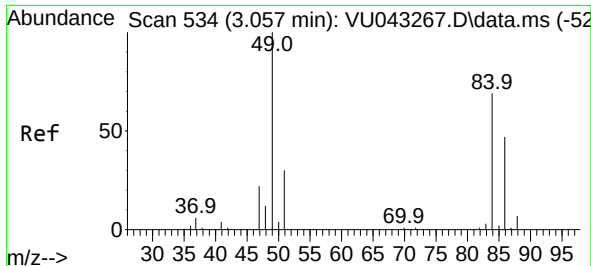
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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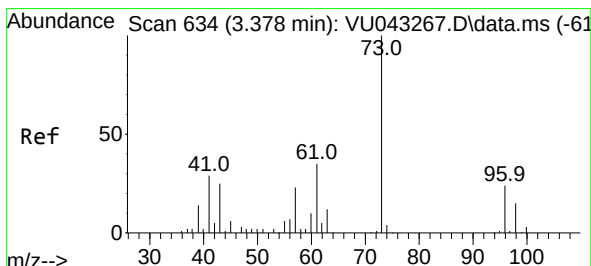
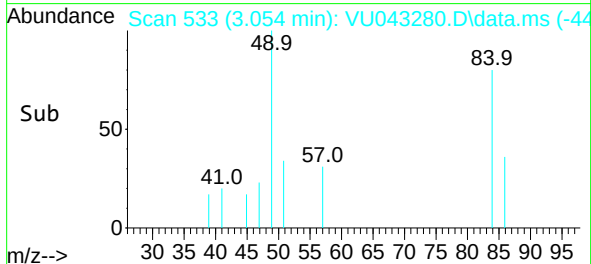
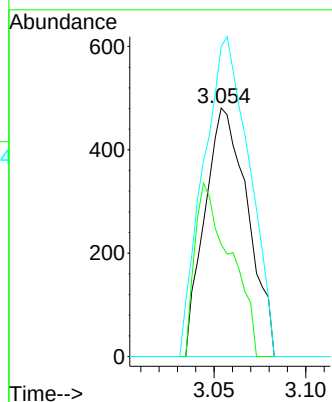
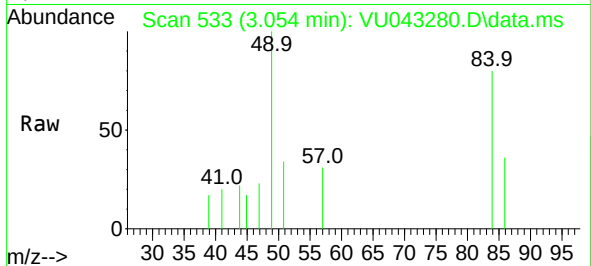




#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU043280.D
Acq: 22 Apr 2021 16:00

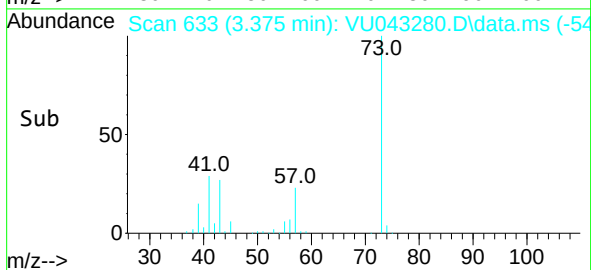
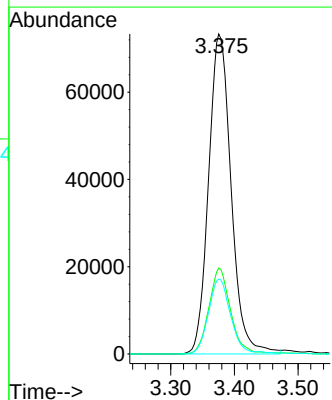
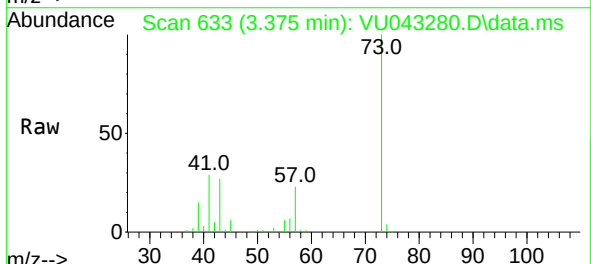
Instrument :
MSVOA_U
ClientSampled :
H4485DL

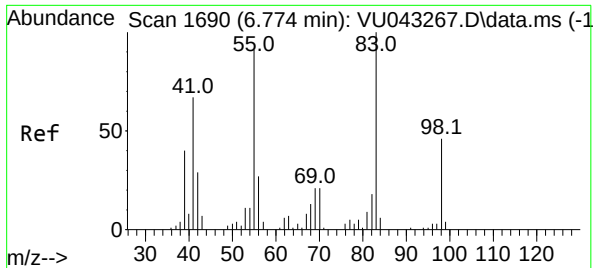
Tgt Ion: 84 Resp: 784
Ion Ratio Lower Upper
84 100
86 45.1 44.9 83.5
49 124.7 79.0 146.8



#17
Methyl tert-butyl Ether
Concen: 10.67 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU043280.D
Acq: 22 Apr 2021 16:00

Tgt Ion: 73 Resp: 180517
Ion Ratio Lower Upper
73 100
43 25.4 15.0 22.4#
57 22.8 17.3 25.9





#35

Methylcyclohexane

Concen: 0.89 ug/L

RT: 6.703 min Scan# 1668

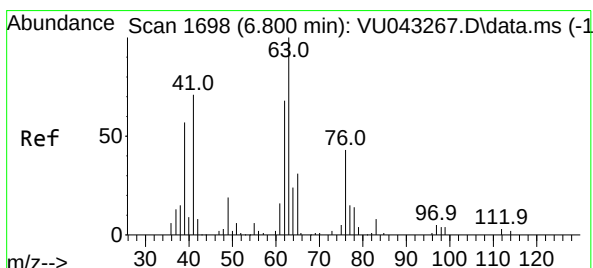
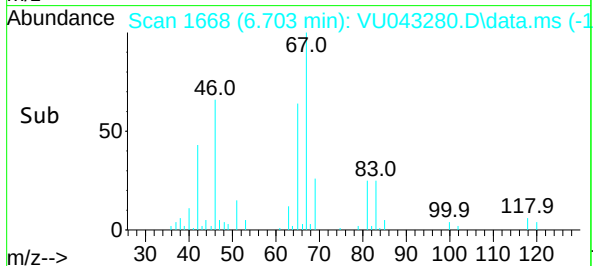
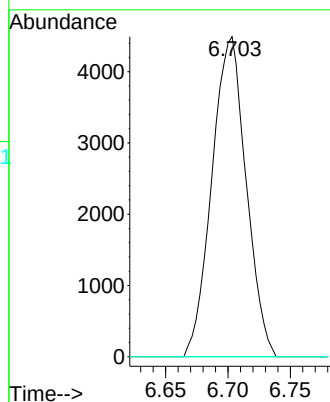
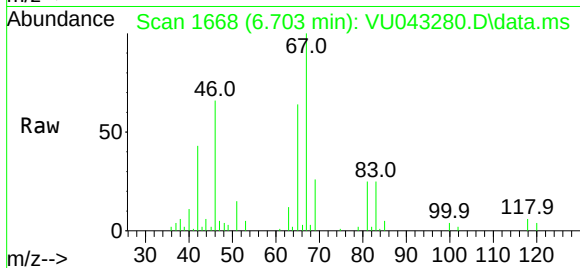
Delta R.T. -0.071 min

Lab File: VU043280.D

Acq: 22 Apr 2021 16:00

Tgt Ion:	83	Resp:	8588
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

Instrument :
MSVOA_U
ClientSampled :
H4485DL



#37

1,2-Dichloropropane

Concen: 0.59 ug/L

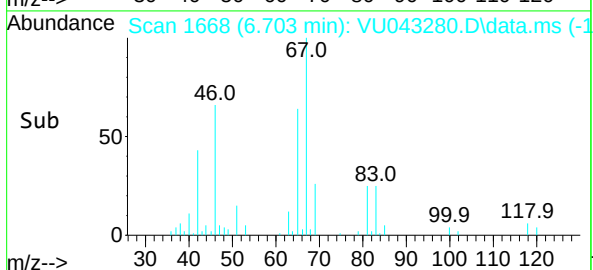
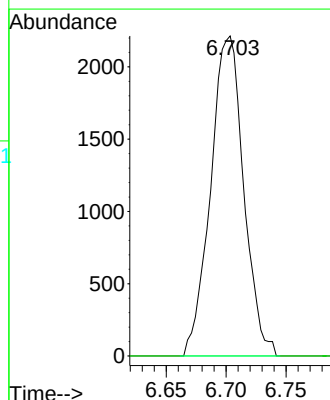
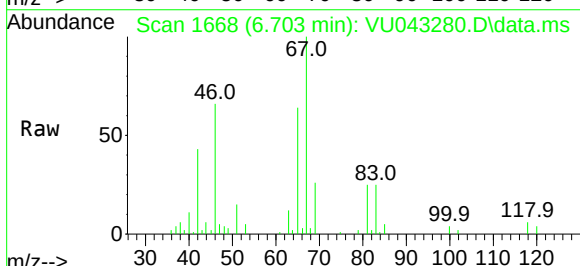
RT: 6.703 min Scan# 1668

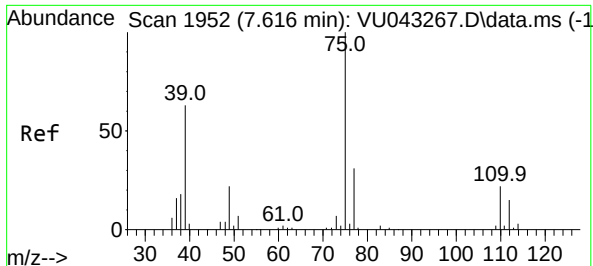
Delta R.T. -0.096 min

Lab File: VU043280.D

Acq: 22 Apr 2021 16:00

Tgt Ion:	63	Resp:	4248
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



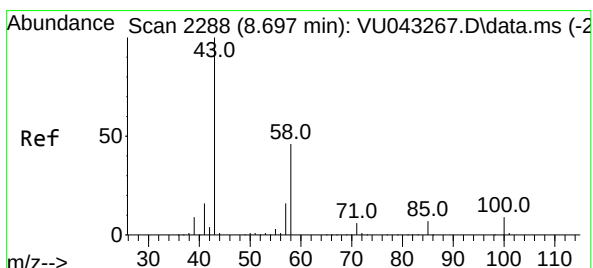
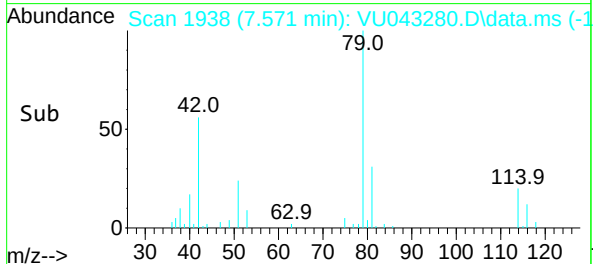
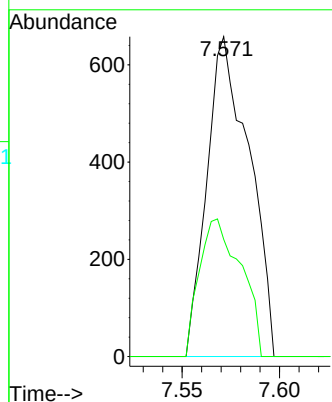
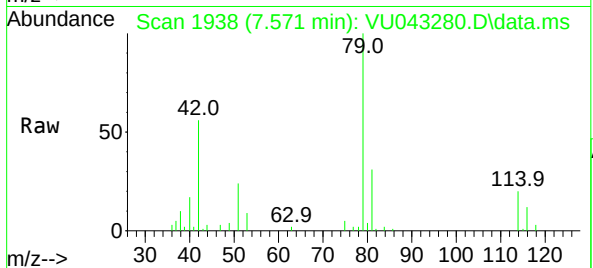


#39

cis-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU043280.D
 Acq: 22 Apr 2021 16:00

Instrument :
 MSVOA_U
 ClientSampled :
 H4485DL

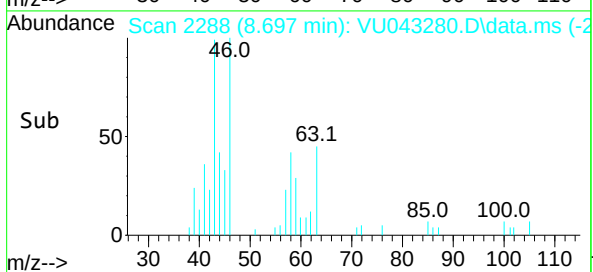
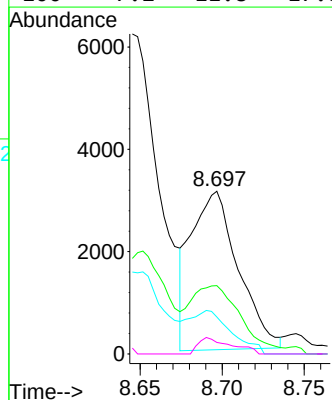
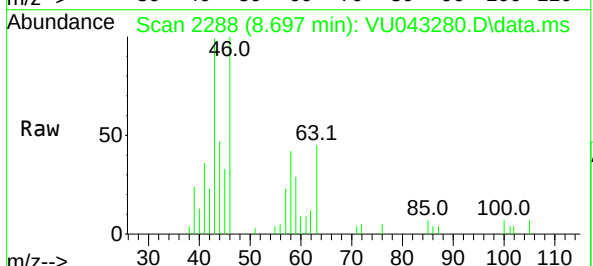
Tgt Ion: 75 Resp: 992
 Ion Ratio Lower Upper
 75 100
 77 36.6 21.8 40.6

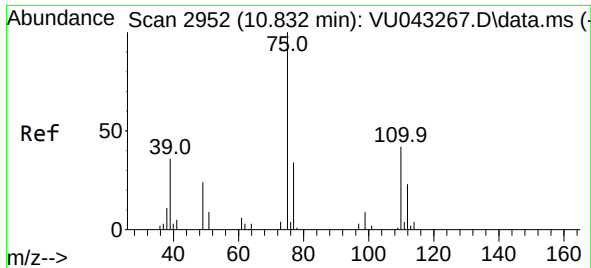


#48

2-Hexanone
 Concen: 1.31 ug/L
 RT: 8.697 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: VU043280.D
 Acq: 22 Apr 2021 16:00

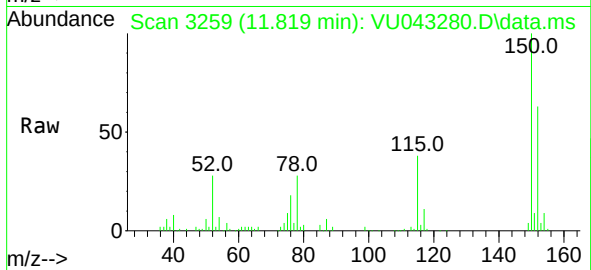
Tgt Ion: 43 Resp: 6183
 Ion Ratio Lower Upper
 43 100
 58 46.9 50.0 75.0#
 57 22.7 17.4 26.0
 100 7.2 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.24 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043280.D
 Acq: 22 Apr 2021 16:00

Instrument :
 MSVOA_U
 ClientSampleId :
 H4485DL



Tgt Ion: 75 Resp: 5507
 Ion Ratio Lower Upper
 75 100
 110 2.8 31.5 47.3#
 77 40.3 26.3 39.5#

