

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043270.D
 Acq On : 22 Apr 2021 12:03
 Operator : SY/MD
 Sample : M2088-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4505

Quant Time: Apr 22 23:40:30 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

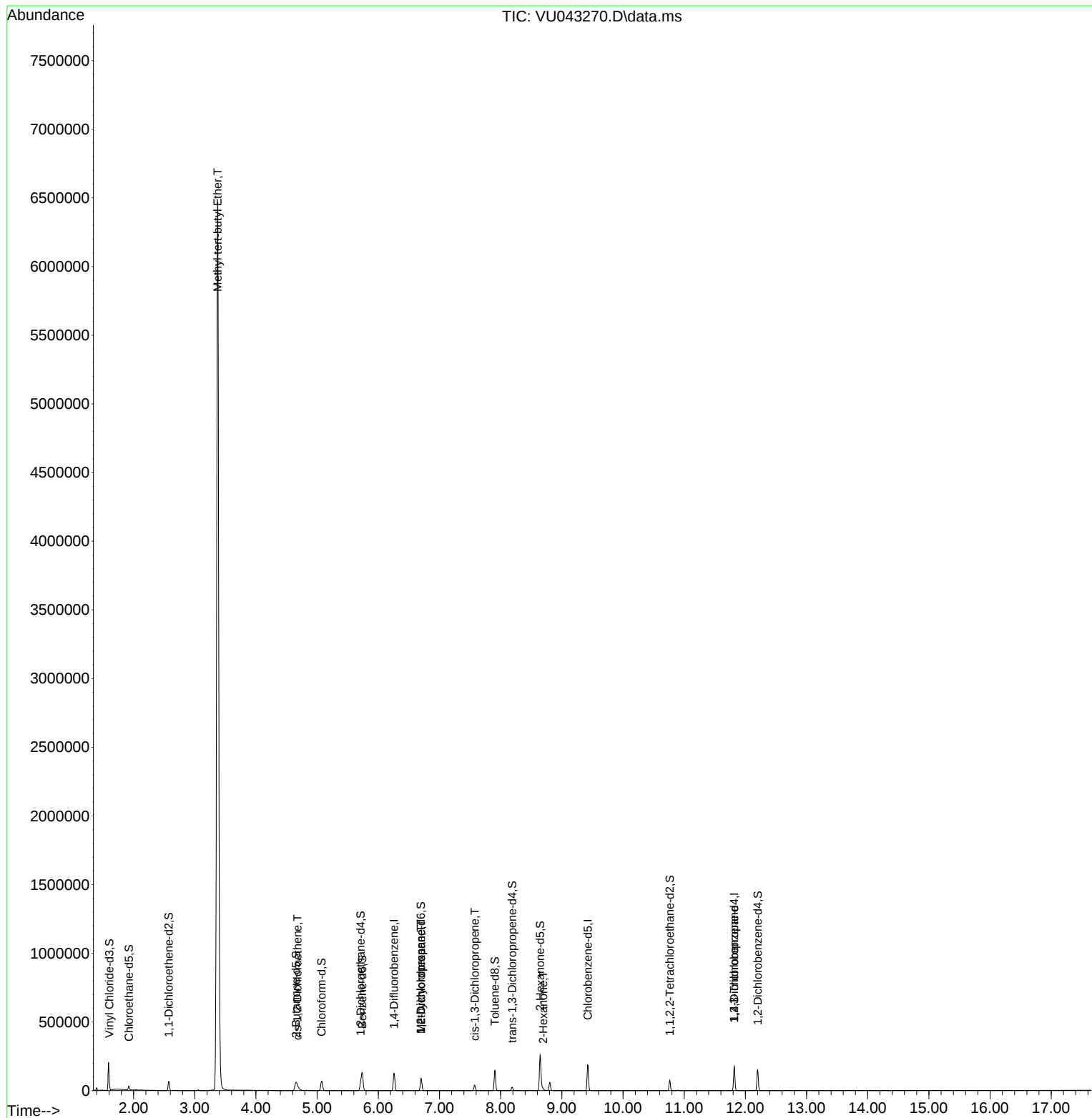
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	92210	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	92006	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	41674	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19424	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.922	69	18578	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.575	65	12799	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.655	46	136141	66.20	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.40%#
24) Chloroform-d	5.073	84	62298	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.713	65	41999	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.738	84	106860	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.700	67	37243	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.906	98	88879	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloroprop...	8.189	79	13262	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.645	63	76083	48.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.24%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33917	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	37772	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%
Target Compounds						
17) Methyl tert-butyl Ether	3.375	73	6814395	406.61	ug/L	# 92
22) cis-1,2-Dichloroethene	4.677	96	843	0.13	ug/L	78
35) Methylcyclohexane	6.700	83	8733	0.93	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4648	0.67	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	965	0.10	ug/L	# 59
48) 2-Hexanone	8.697	43	5707	1.25	ug/L	# 75
61) 1,2,3-Trichloropropane	11.815	75	5733	1.33	ug/L	# 61

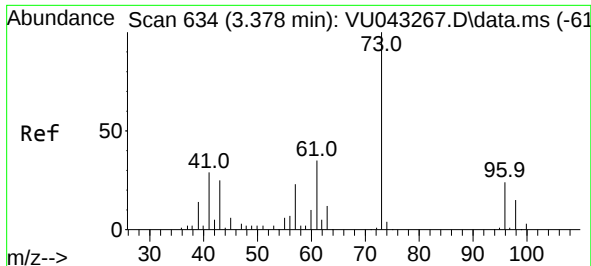
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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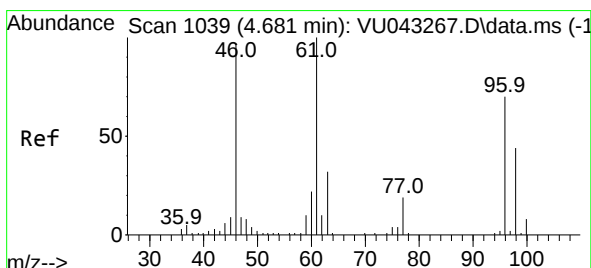
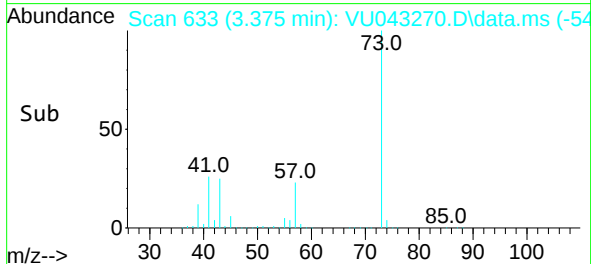
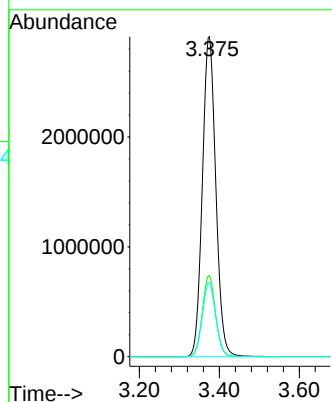
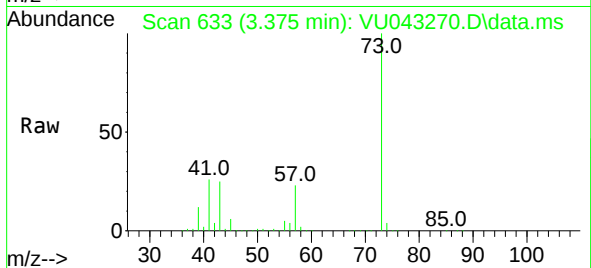


#17

Methyl tert-butyl Ether
Concen: 406.61 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU043270.D
Acq: 22 Apr 2021 12:03

Instrument :
MSVOA_U
ClientSampleId :
H4505

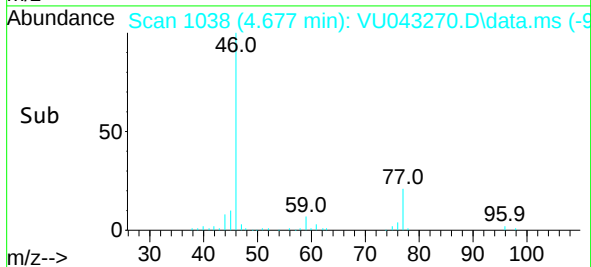
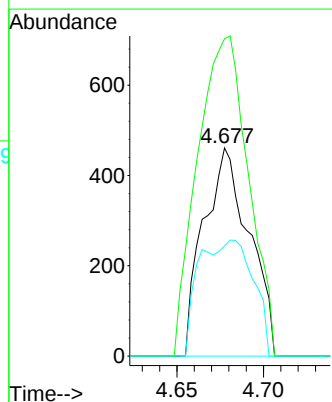
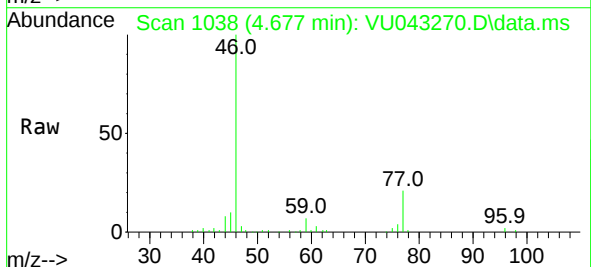
Tgt Ion: 73 Resp: 6814395
Ion Ratio Lower Upper
73 100
43 25.1 15.0 22.4#
57 23.0 17.3 25.9

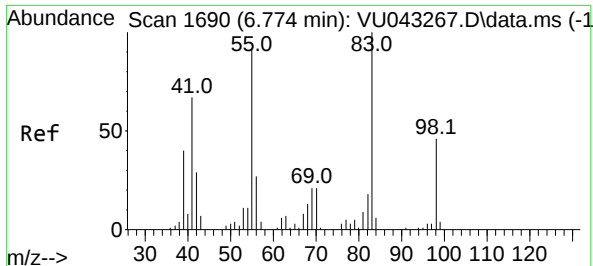


#22

cis-1,2-Dichloroethene
Concen: 0.13 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VU043270.D
Acq: 22 Apr 2021 12:03

Tgt Ion: 96 Resp: 843
Ion Ratio Lower Upper
96 100
61 152.5 87.4 162.4
98 52.9 47.7 88.5





#35

Methylcyclohexane

Concen: 0.93 ug/L

RT: 6.700 min Scan# 1667

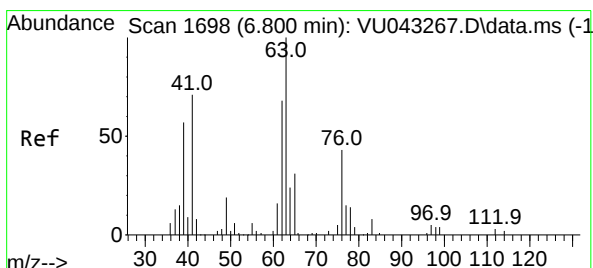
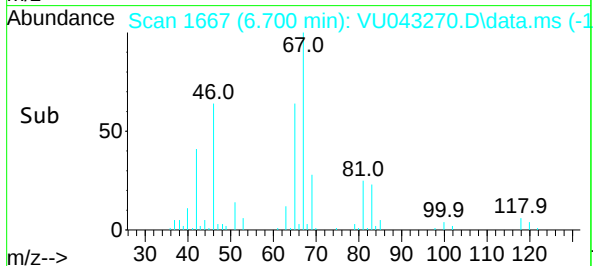
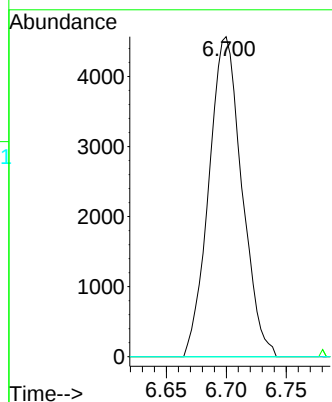
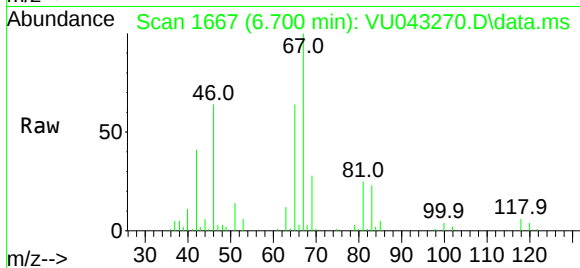
Delta R.T. -0.074 min

Lab File: VU043270.D

Acq: 22 Apr 2021 12:03

Tgt Ion:	83	Resp:	8733
Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.5	89.3#
98	0.0	37.9	56.9#

Instrument :
MSVOA_U
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#37

1,2-Dichloropropane

Concen: 0.67 ug/L

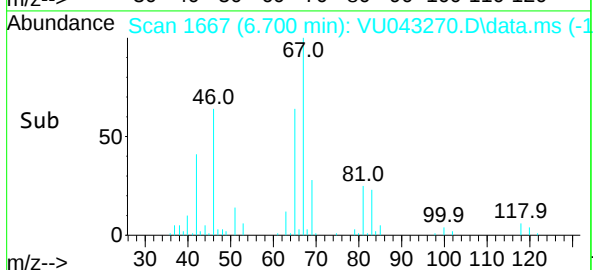
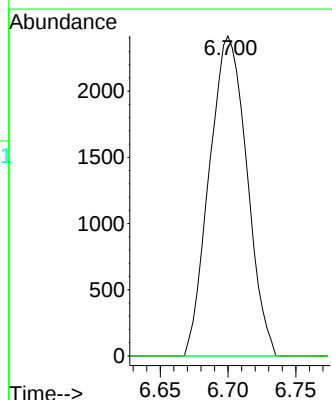
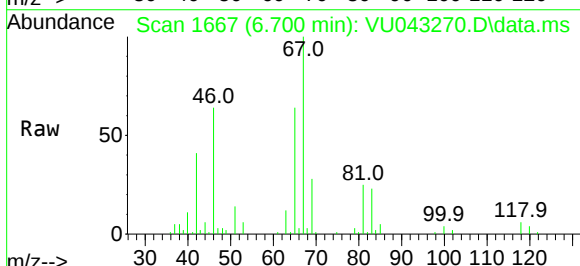
RT: 6.700 min Scan# 1667

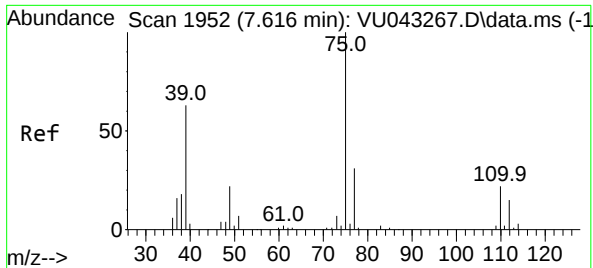
Delta R.T. -0.100 min

Lab File: VU043270.D

Acq: 22 Apr 2021 12:03

Tgt Ion:	63	Resp:	4648
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

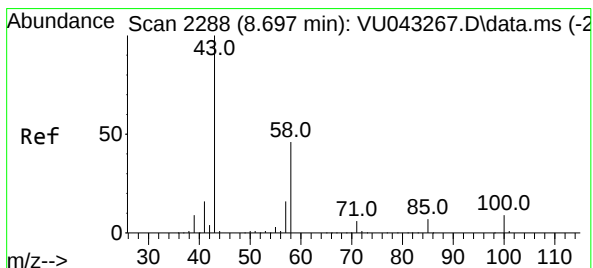
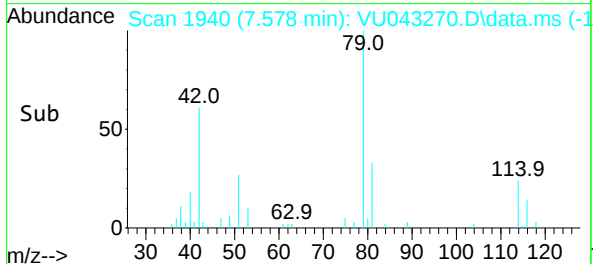
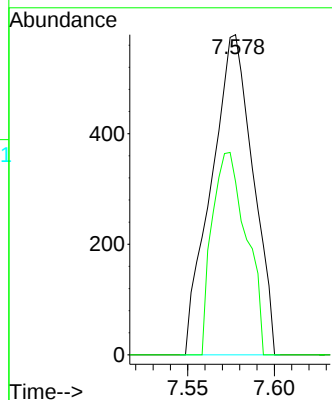
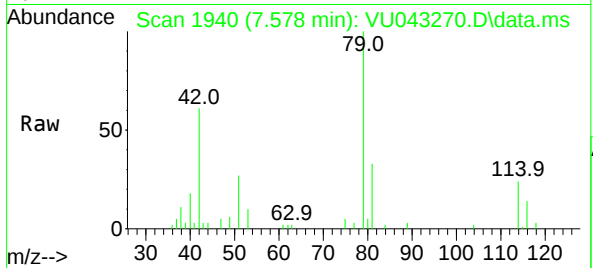




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043270.D
Acq: 22 Apr 2021 12:03

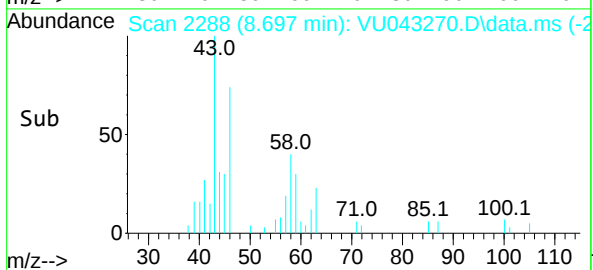
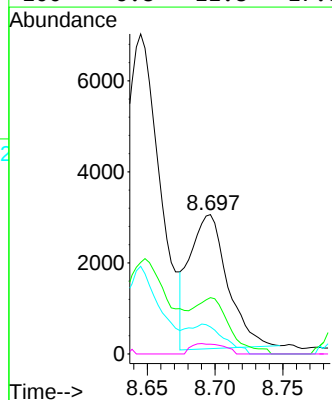
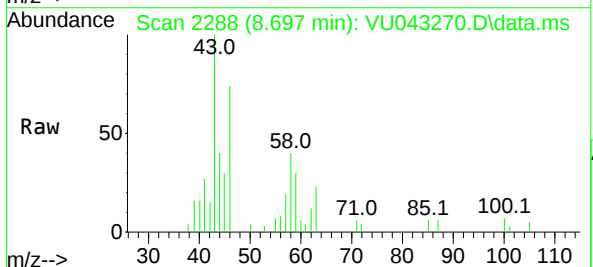
Instrument :
MSVOA_U
ClientSampled :
H4505

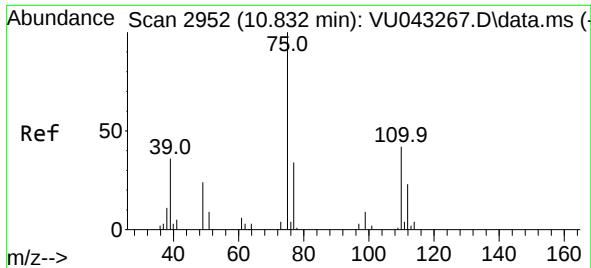
Tgt Ion: 75 Resp: 965
Ion Ratio Lower Upper
75 100
77 54.1 21.8 40.6#



#48
2-Hexanone
Concen: 1.25 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU043270.D
Acq: 22 Apr 2021 12:03

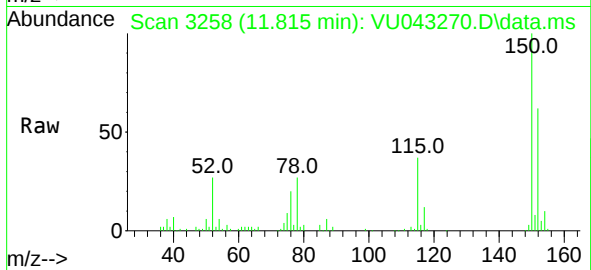
Tgt Ion: 43 Resp: 5707
Ion Ratio Lower Upper
43 100
58 38.3 50.0 75.0#
57 16.0 17.4 26.0#
100 6.8 11.8 17.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.33 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.984 min
 Lab File: VU043270.D
 Acq: 22 Apr 2021 12:03

Instrument :
 MSVOA_U
 ClientSampleId :
 H4505



Tgt Ion: 75 Resp: 5733
 Ion Ratio Lower Upper
 75 100
 110 1.2 31.5 47.3#
 77 39.5 26.3 39.5

