

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043633.D
 Acq On : 10 May 2021 13:06
 Operator : SY/MD
 Sample : M2271-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 03:59:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

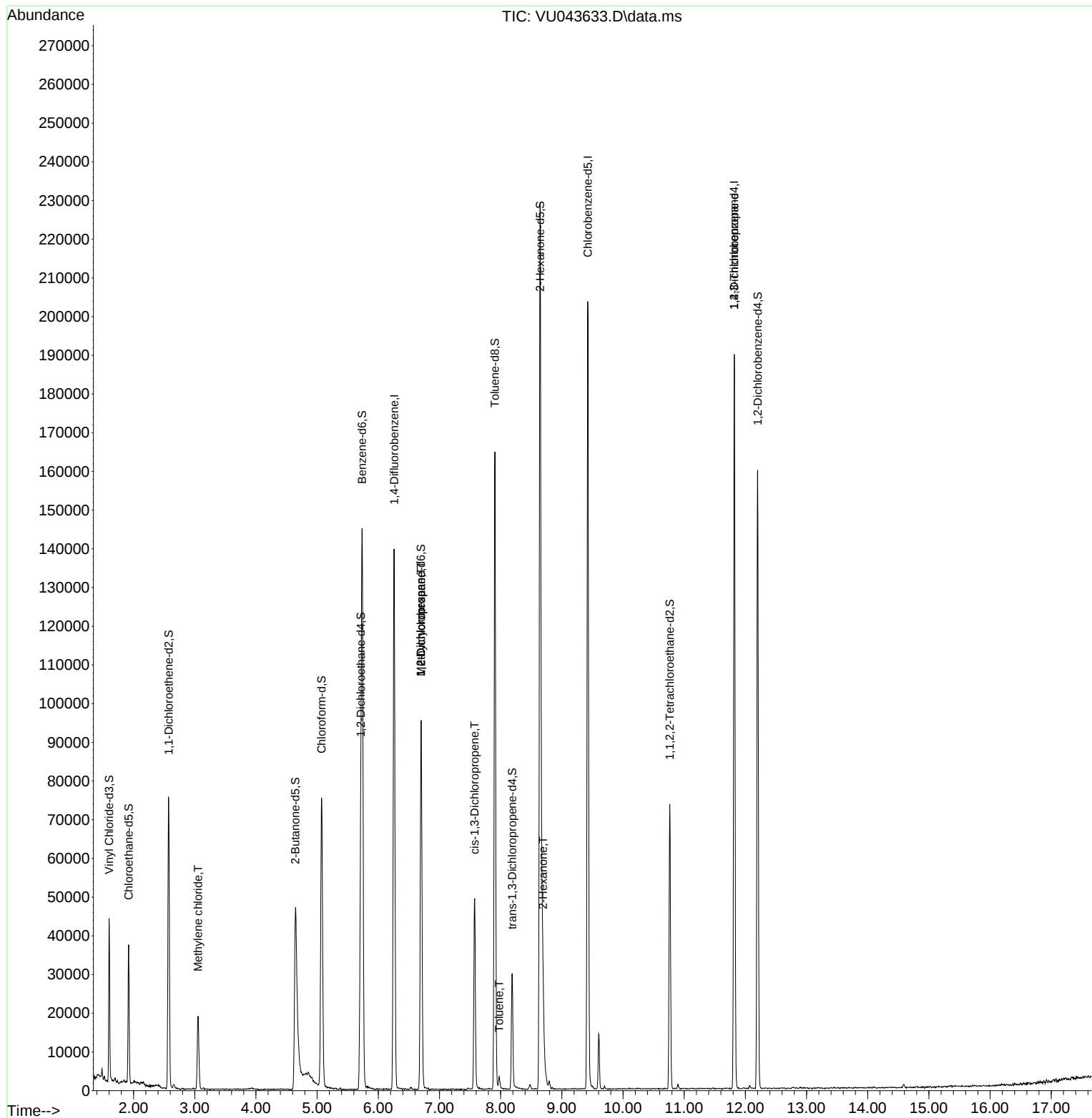
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	103083	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	102014	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45960	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28025	3.38	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.60%	
7) Chloroethane-d5	1.919	69	23833	3.93	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.60%	
11) 1,1-Dichloroethene-d2	2.575	65	14708	3.62	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.40%	
20) 2-Butanone-d5	4.645	46	100678	39.12	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.24%	
24) Chloroform-d	5.073	84	65631	4.14	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.80%	
26) 1,2-Dichloroethane-d4	5.713	65	41980	4.39	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.80%	
32) Benzene-d6	5.735	84	119521	4.33	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.60%	
36) 1,2-Dichloropropane-d6	6.700	67	42832	4.42	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.40%	
41) Toluene-d8	7.906	98	100308	3.96	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.20%	
43) trans-1,3-Dichloroprop...	8.189	79	16289	4.17	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.40%	
46) 2-Hexanone-d5	8.645	63	85531	52.24	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.48%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35785	4.61	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.20%	
66) 1,2-Dichlorobenzene-d4	12.201	152	38420	4.69	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.80%	
Target Compounds						
16) Methylene chloride	3.054	84	7655	0.83	ug/L	93
35) Methylcyclohexane	6.700	83	9654	1.09	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	5360	0.67	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1047	0.10	ug/L #	38
42) Toluene	7.976	91	2163	0.08	ug/L	99
48) 2-Hexanone	8.690	43	6994	1.44	ug/L #	76
61) 1,2,3-Trichloropropane	11.819	75	6127	1.32	ug/L #	66

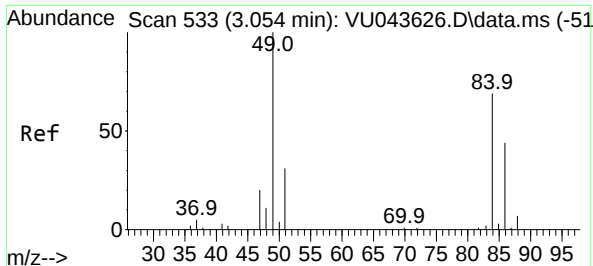
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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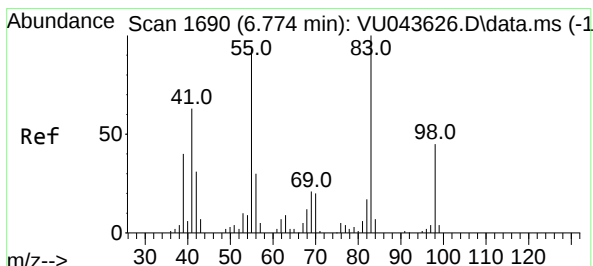
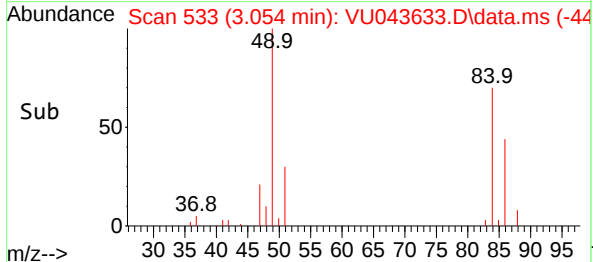
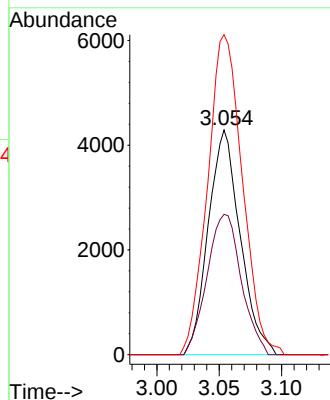
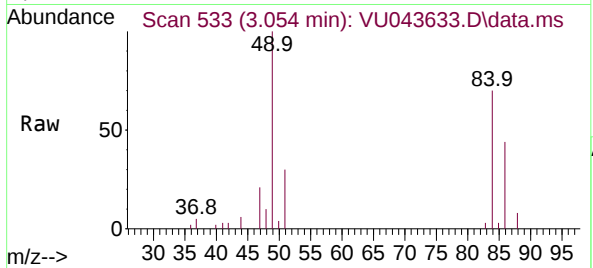




#16
Methylene chloride
Concen: 0.83 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043633.D
Acq: 10 May 2021 13:06

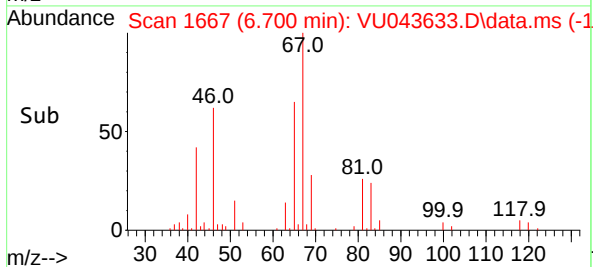
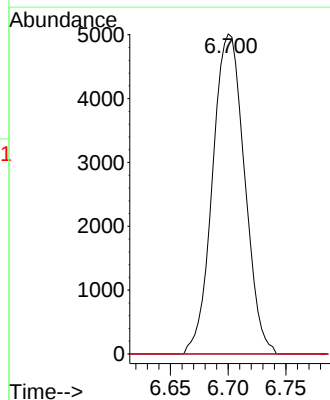
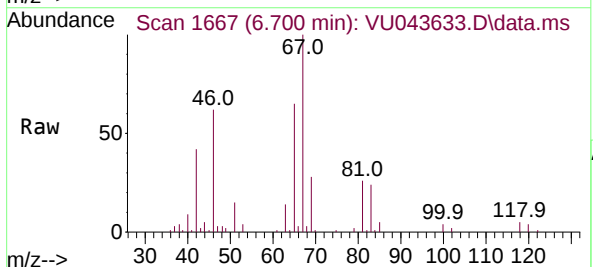
Instrument :
MSVOA_U
ClientSampled :

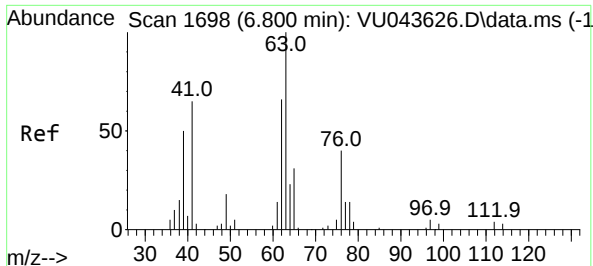
Tgt Ion:	84	Resp:	7655
Ion	Ratio	Lower	Upper
84	100		
86	62.4	45.6	84.6
49	142.4	107.0	198.8



#35
Methylcyclohexane
Concen: 1.09 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043633.D
Acq: 10 May 2021 13:06

Tgt Ion:	83	Resp:	9654
Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.2	35.5	53.3#

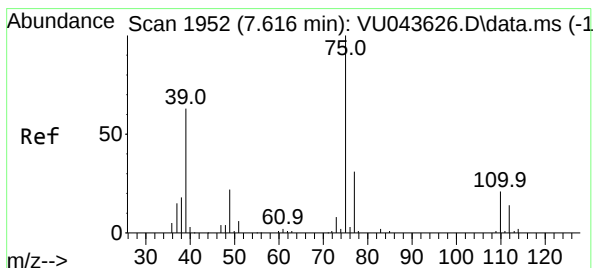
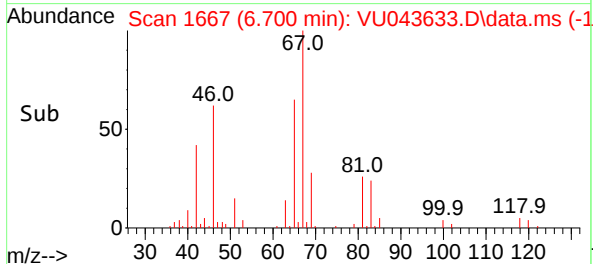
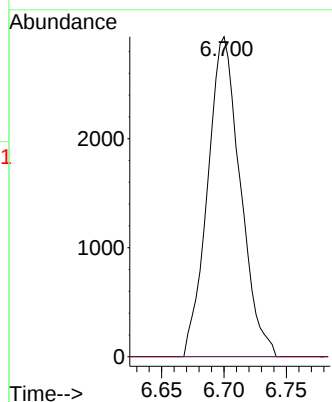
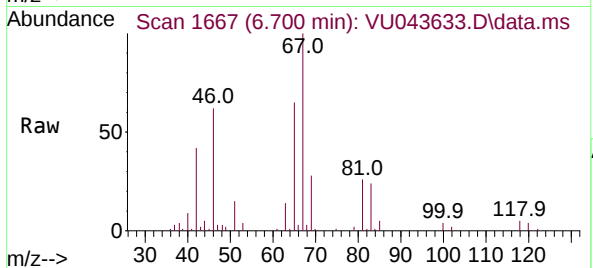




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043633.D
Acq: 10 May 2021 13:06

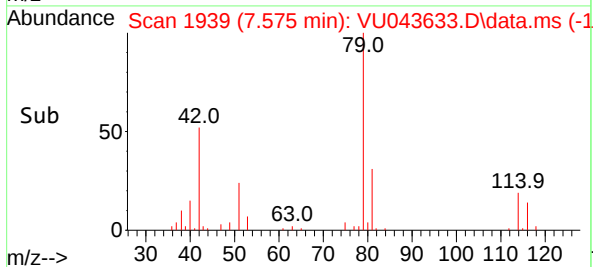
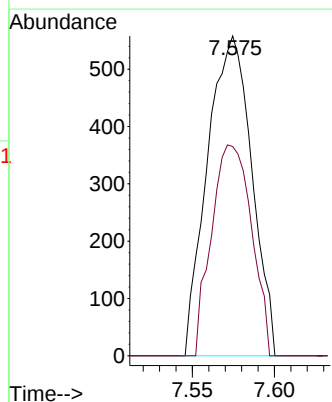
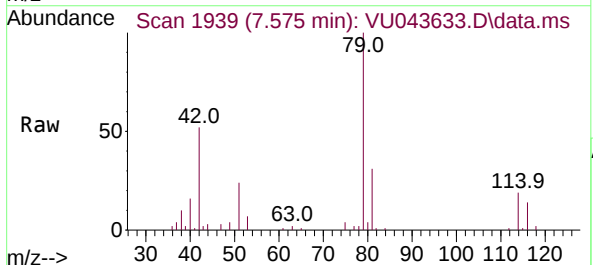
Instrument :
MSVOA_U
ClientSampled :

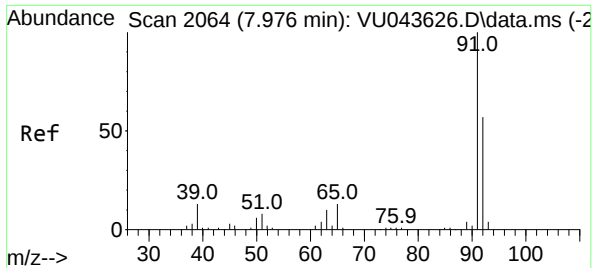
Tgt Ion: 63 Resp: 5360
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043633.D
Acq: 10 May 2021 13:06

Tgt Ion: 75 Resp: 1047
Ion Ratio Lower Upper
75 100
77 65.4 21.9 40.7#

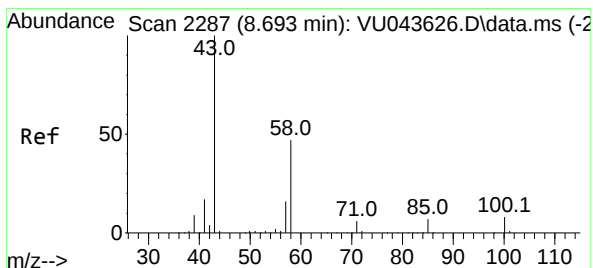
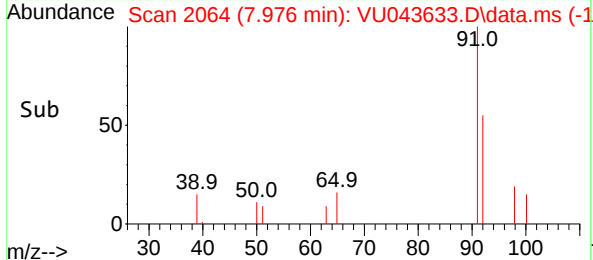
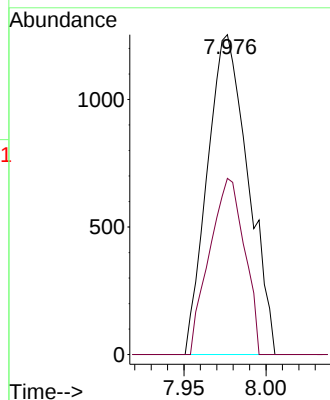
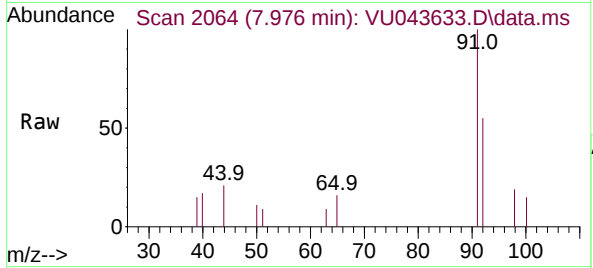




#42
Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043633.D
Acq: 10 May 2021 13:06

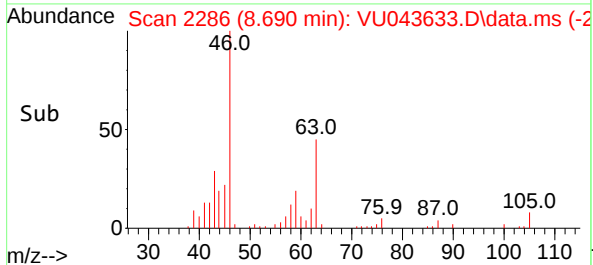
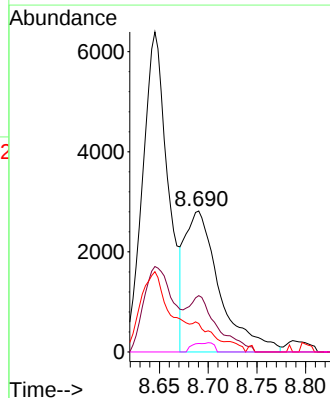
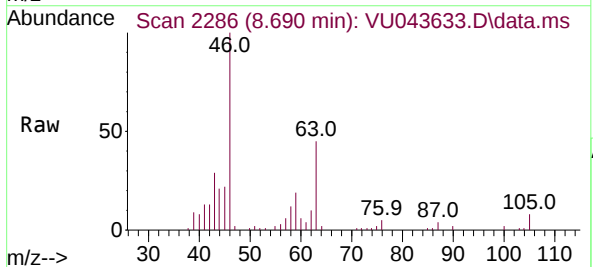
Instrument :
MSVOA_U
ClientSampled :

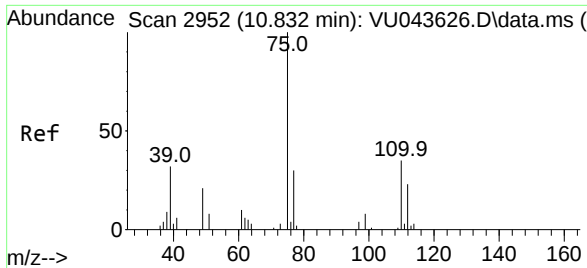
Tgt Ion: 91 Resp: 2163
Ion Ratio Lower Upper
91 100
92 55.1 39.1 72.5



#48
2-Hexanone
Concen: 1.44 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU043633.D
Acq: 10 May 2021 13:06

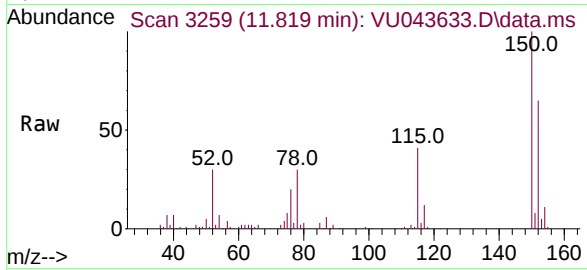
Tgt Ion: 43 Resp: 6994
Ion Ratio Lower Upper
43 100
58 31.3 36.8 55.2#
57 1.7 13.2 19.8#
100 3.9 6.5 9.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.32 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043633.D
 Acq: 10 May 2021 13:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp: 6127
Ion Ratio	Lower Upper
75	100
110	1.6 28.6 42.8#
77	36.1 25.7 38.5

