

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042263.D
 Acq On : 04 Feb 2021 13:52
 Operator : SY/MD
 Sample : M1323-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 02:24:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

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

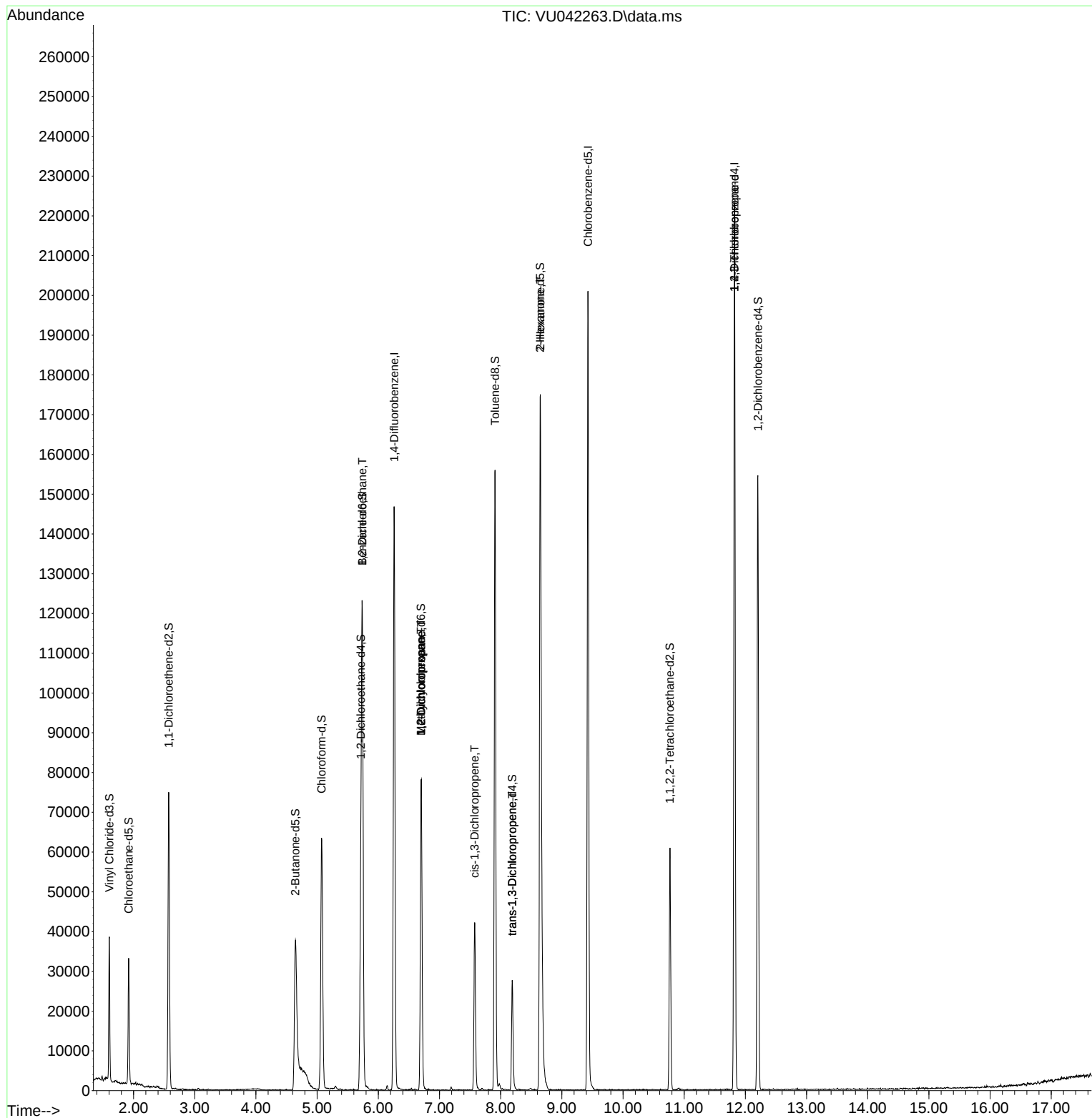
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	114381	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	105841	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	56592	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25210	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.919	69	21582	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.575	63	46537	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.645	46	78616	29.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.40%
24) Chloroform-d	5.073	84	56478	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
26) 1,2-Dichloroethane-d4	5.716	65	34706	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
32) Benzene-d6	5.739	84	104566	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
36) 1,2-Dichloropropane-d6	6.700	67	34800	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.909	98	98241	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloroprop...	8.189	79	15015	3.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.40%
46) 2-Hexanone-d5	8.645	63	74805	38.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.04%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	29291	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
64) 1,2-Dichlorobenzene-d4	12.205	152	38951	3.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.60%#
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	5.739	62	667	0.06	ug/L #	75
35) Methylcyclohexane	6.700	83	8080	0.57	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3955	0.48	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1189	0.09	ug/L #	71
44) trans-1,3-Dichloropropene	8.189	75	664	0.05	ug/L #	74
48) 2-Hexanone	8.649	43	11438	2.34	ug/L #	68
59) 1,2,3-Trichloropropane	11.822	75	6425	1.11	ug/L #	87

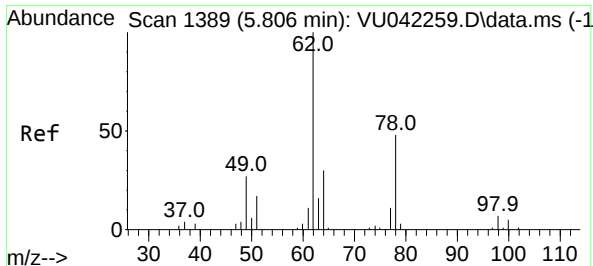
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 05 02:23:43 2021
Response via : Initial Calibration

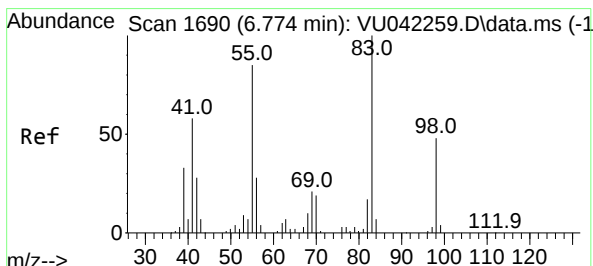
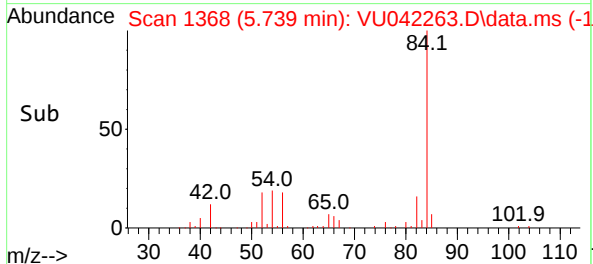
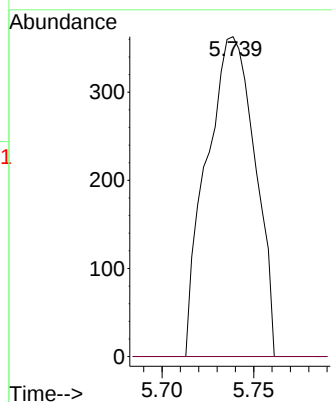
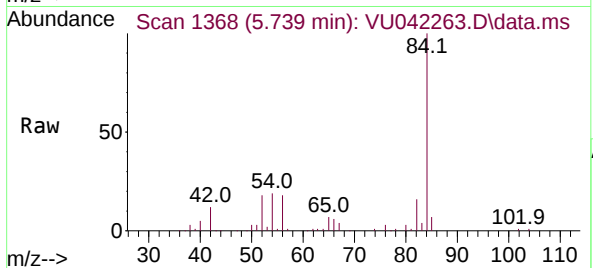




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042263.D
Acq: 04 Feb 2021 13:52

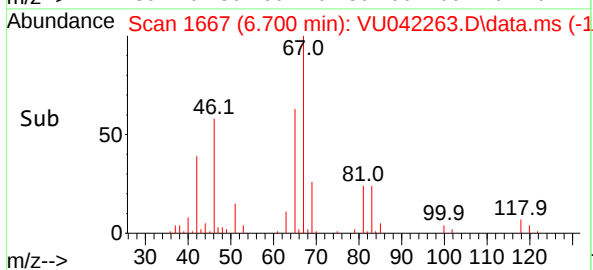
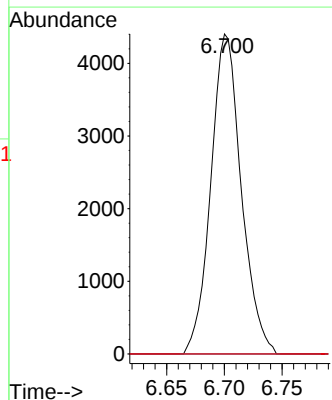
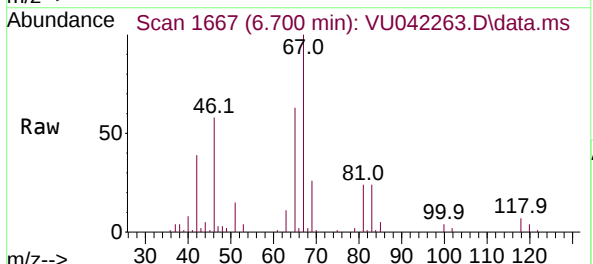
Instrument :
MSVOA_U
ClientSampled :

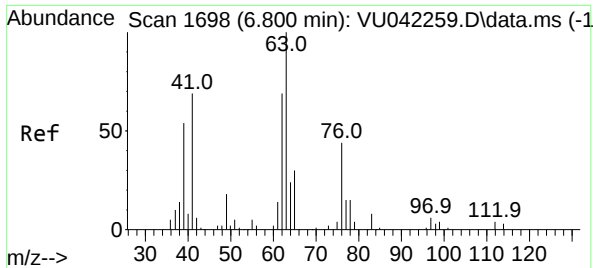
Tgt Ion: 62 Resp: 667
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042263.D
Acq: 04 Feb 2021 13:52

Tgt Ion: 83 Resp: 8080
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



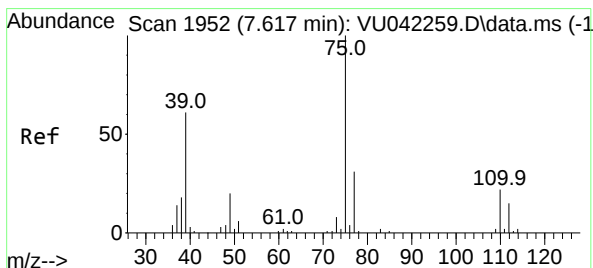
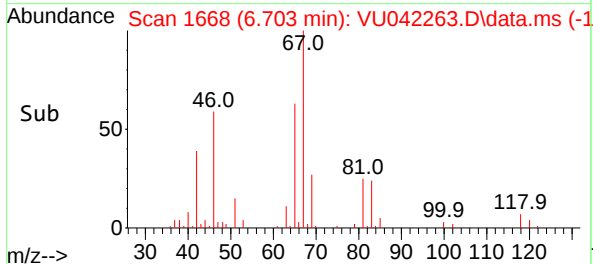
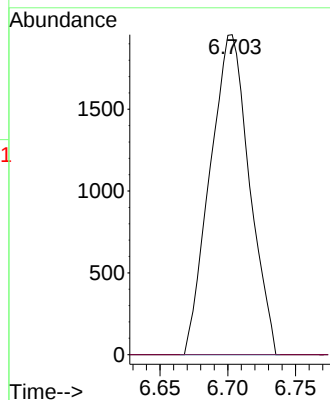
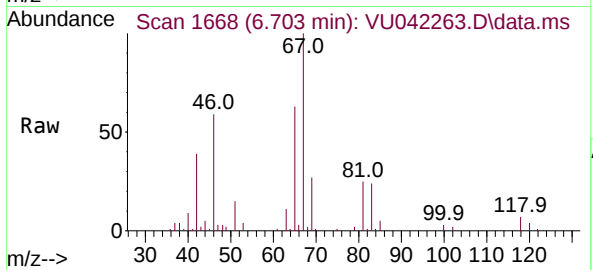


#37

1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042263.D
Acq: 04 Feb 2021 13:52

Instrument :
MSVOA_U
ClientSampleId :

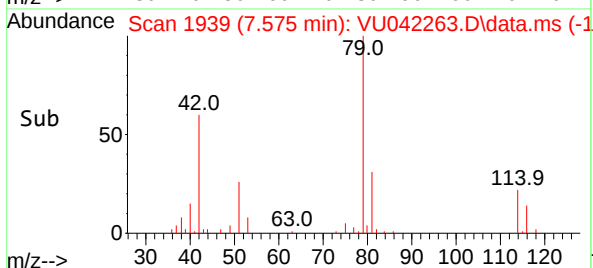
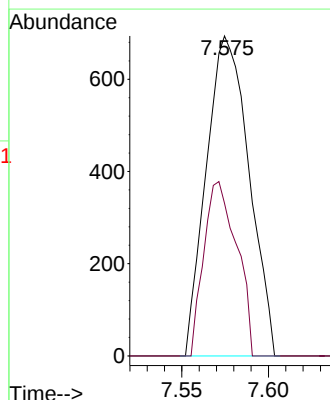
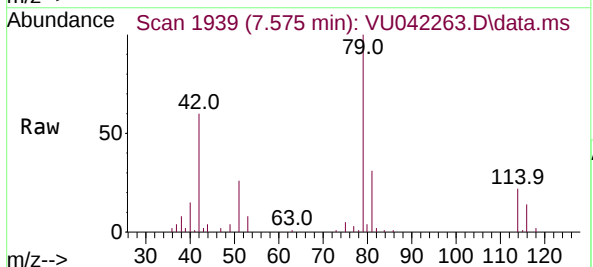
Tgt Ion: 63 Resp: 3955
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

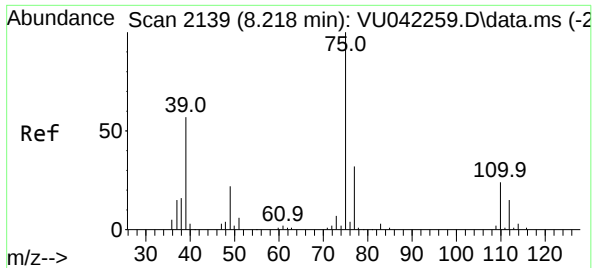


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042263.D
Acq: 04 Feb 2021 13:52

Tgt Ion: 75 Resp: 1189
Ion Ratio Lower Upper
75 100
77 47.7 22.0 40.8#

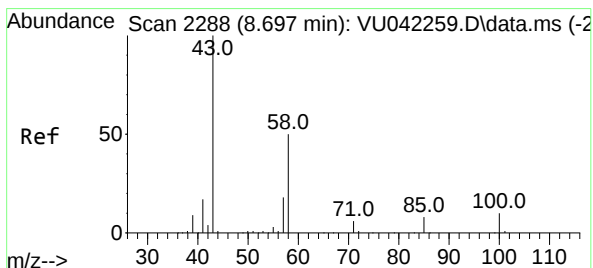
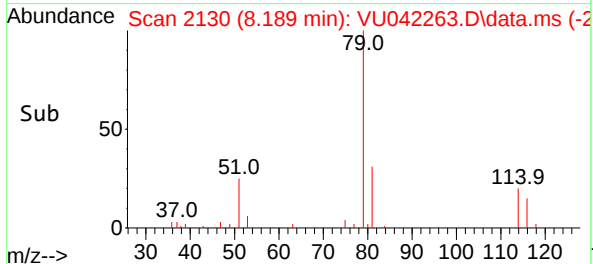
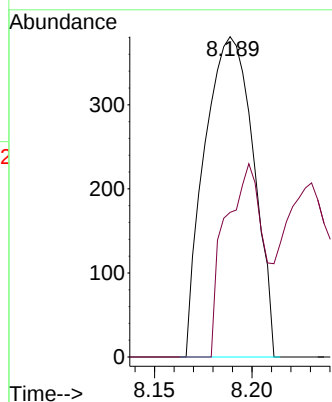
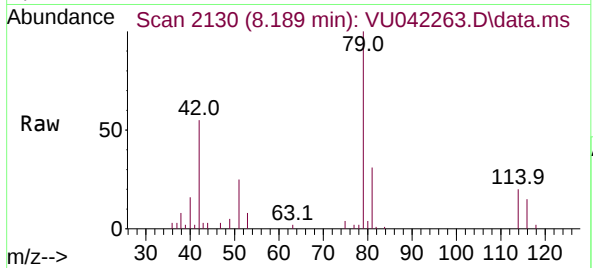




#44
trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042263.D
Acq: 04 Feb 2021 13:52

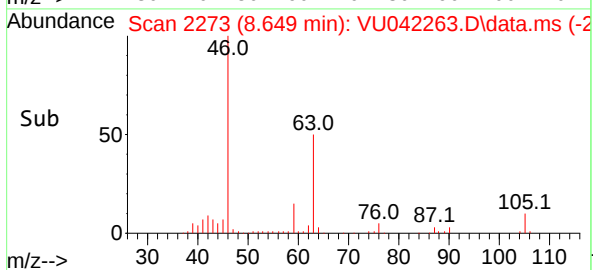
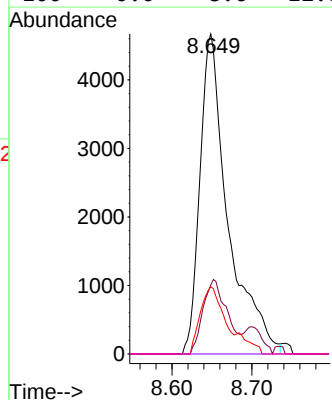
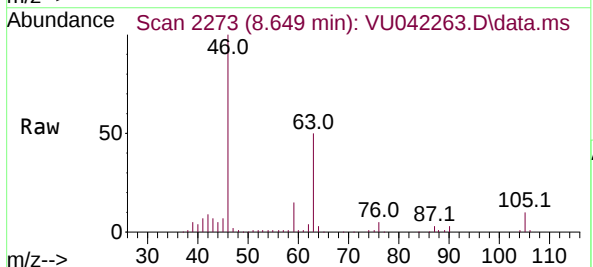
Instrument :
MSVOA_U
ClientSampled :

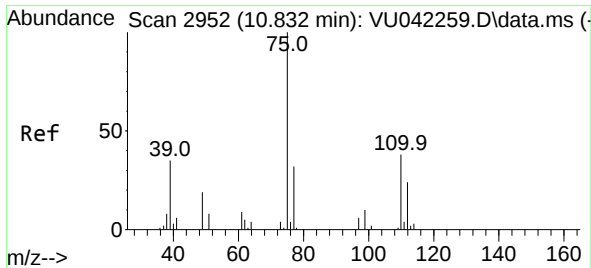
Tgt Ion: 75 Resp: 664
Ion Ratio Lower Upper
75 100
77 45.1 21.8 40.4#



#48
2-Hexanone
Concen: 2.34 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042263.D
Acq: 04 Feb 2021 13:52

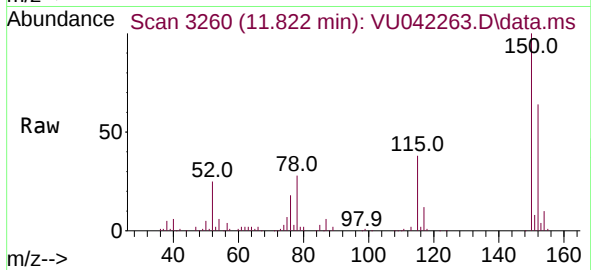
Tgt Ion: 43 Resp: 11438
Ion Ratio Lower Upper
43 100
58 20.2 40.6 61.0#
57 17.3 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU042263.D
 Acq: 04 Feb 2021 13:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6425
 Ion Ratio Lower Upper
 75 100
 77 39.6 26.0 39.0#

