

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020821\
 Data File : VU042287.D
 Acq On : 08 Feb 2021 10:52
 Operator : SY/MD
 Sample : VU0208WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK17

Quant Time: Feb 09 00:19:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 09 00:18:31 2021
 Response via : Initial Calibration

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

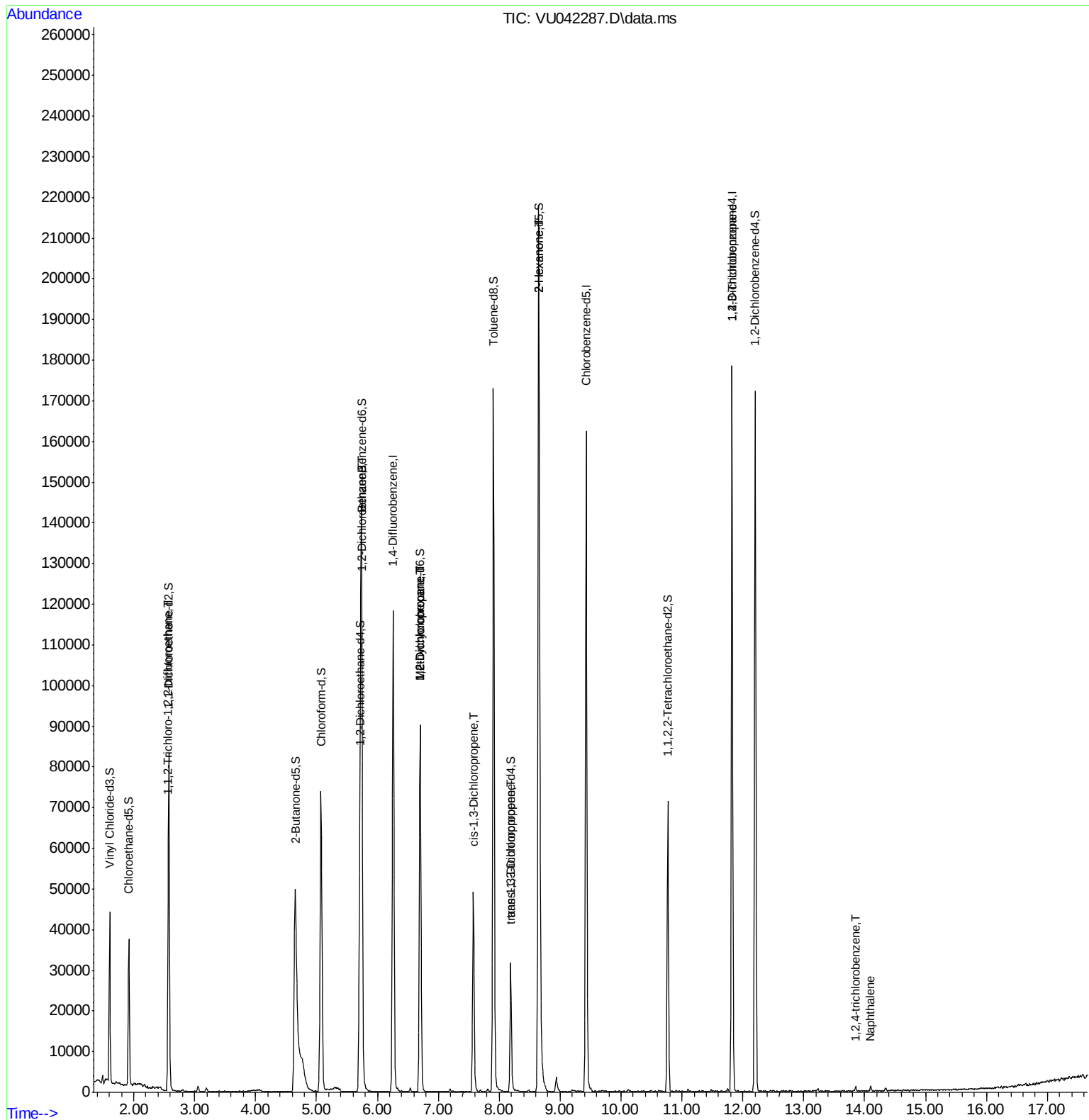
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	92898	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	86329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	45663	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28570	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.919	69	24730	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.575	63	51772	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.652	46	110900	50.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.44%
24) Chloroform-d	5.073	84	66225	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.713	65	41219	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.739	84	122854	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.700	67	40767	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.909	98	112145	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloroprop...	8.189	79	17040	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.649	63	88207	54.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.94%
57) 1,1,2,2-Tetrachloroeth...	10.768	84	33567	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.202	152	44635	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	371	0.06	ug/L #	18
27) 1,2-Dichloroethane	5.745	62	746	0.08	ug/L #	75
33) Benzene	5.742	78	1022	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	8964	0.78	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4794	0.72	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1222	0.11	ug/L	91
44) trans-1,3-Dichloropropene	8.186	75	865	0.09	ug/L #	68
48) 2-Hexanone	8.649	43	11969	3.01	ug/L #	71
59) 1,2,3-Trichloropropane	11.822	75	5521	1.17	ug/L	94
68) 1,2,4-trichlorobenzene	13.851	180	558	0.06	ug/L #	83
69) Naphthalene	14.095	128	1333	0.10	ug/L #	92

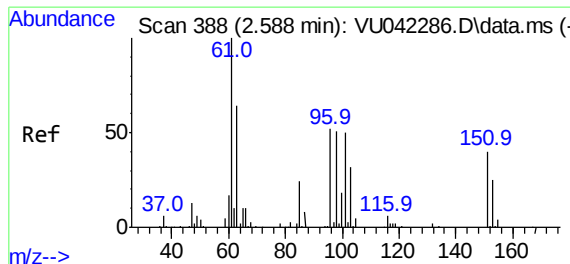
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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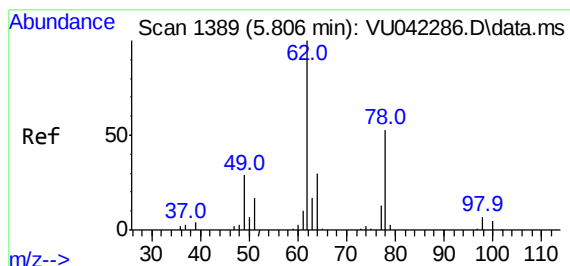
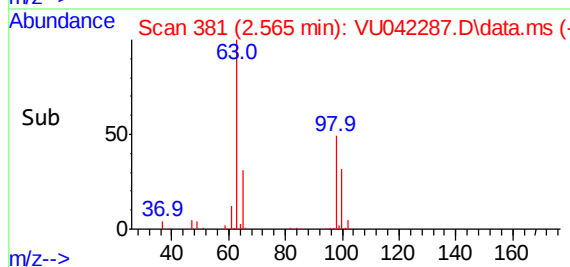
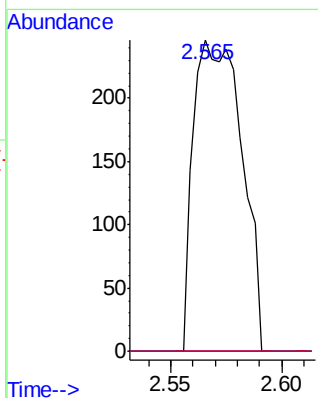
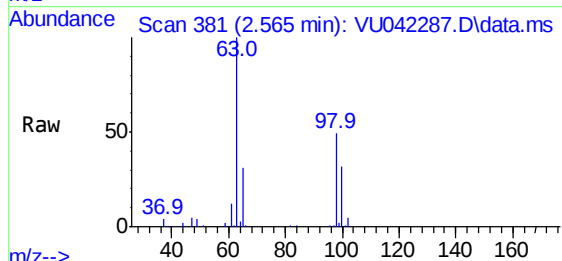




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.022 min
 Lab File: VU042287.D
 Acq: 08 Feb 2021 10:52

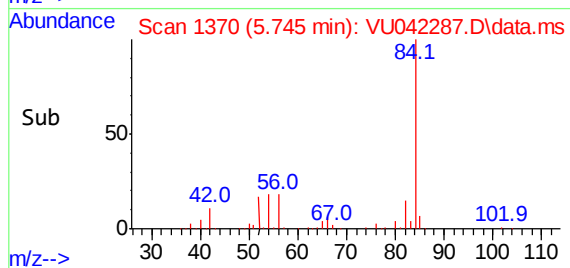
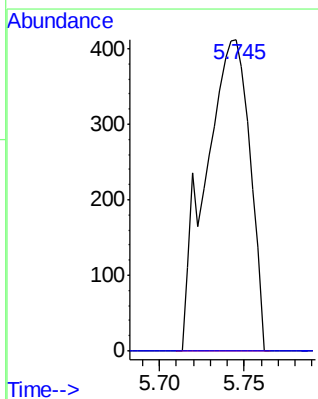
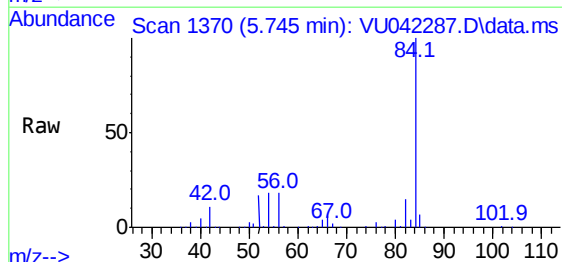
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK17

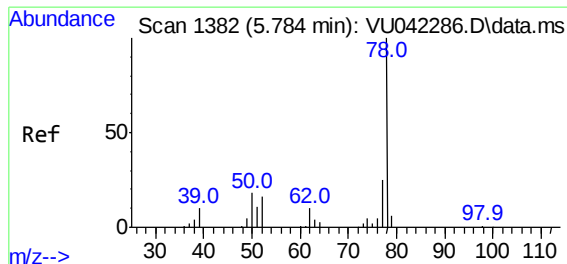
Tgt Ion:101 Resp: 371
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#27
 1,2-Dichloroethane
 Concen: 0.08 ug/L
 RT: 5.745 min Scan# 1370
 Delta R.T. -0.061 min
 Lab File: VU042287.D
 Acq: 08 Feb 2021 10:52

Tgt Ion: 62 Resp: 746
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#

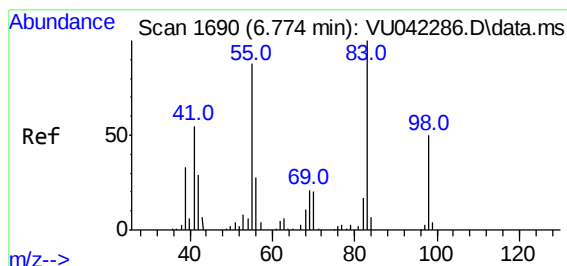
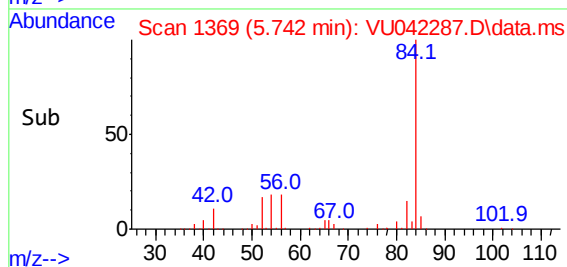
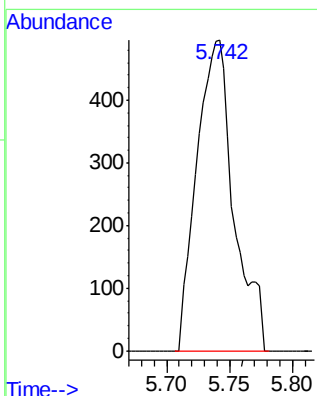
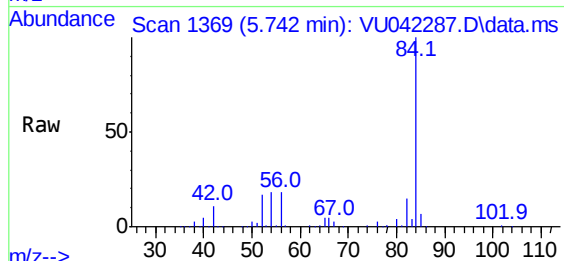




#33
Benzene
Concen: 0.04 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042287.D
Acq: 08 Feb 2021 10:52

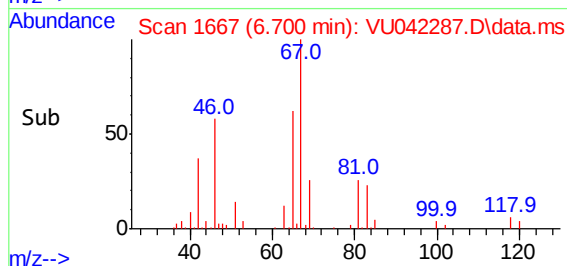
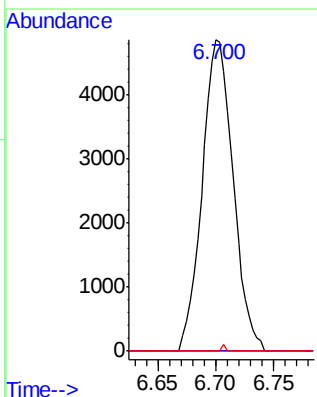
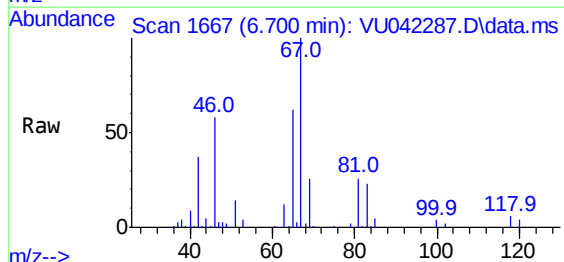
Instrument :
MSVOA_U
ClientSampleId :
VBLK17

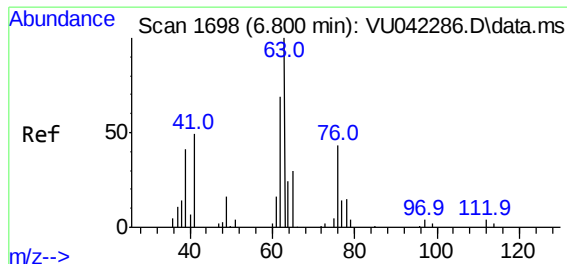
Tgt Ion: 78 Resp: 1022



#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042287.D
Acq: 08 Feb 2021 10:52

Tgt Ion: 83 Resp: 8964
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.2 39.7 59.5#

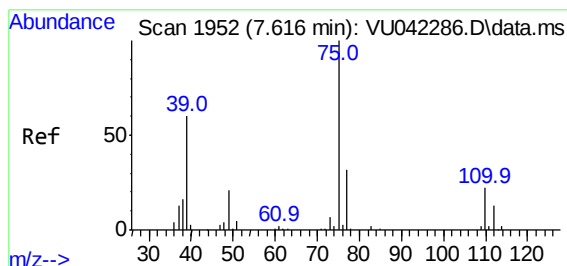
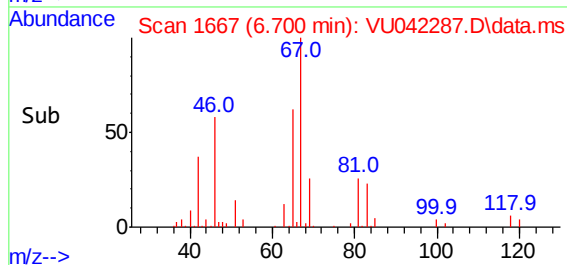
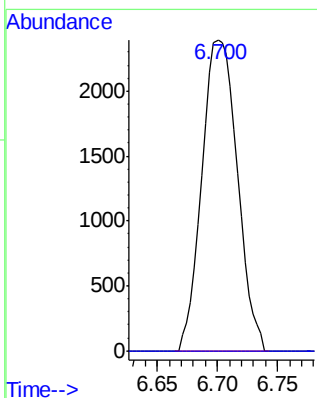
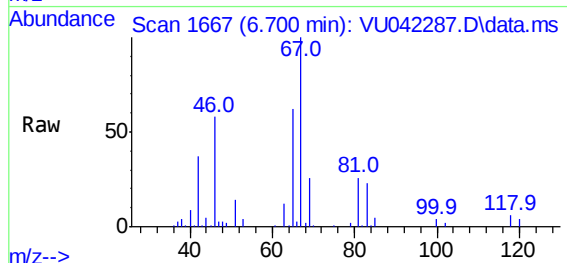




#37
1,2-Dichloropropane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042287.D
Acq: 08 Feb 2021 10:52

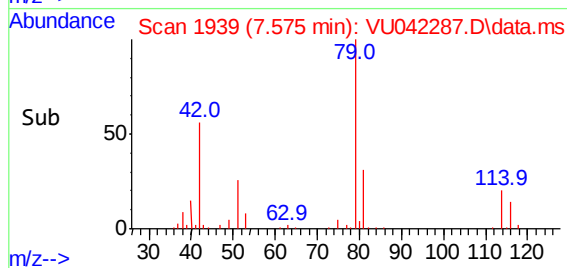
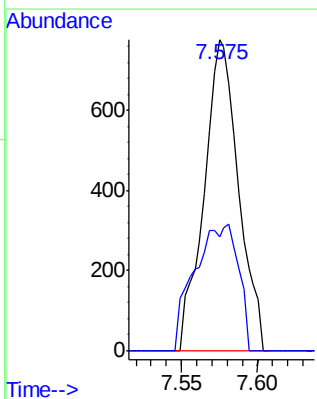
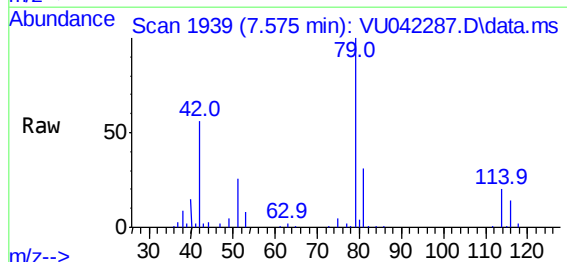
Instrument :
MSVOA_U
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VBLK17

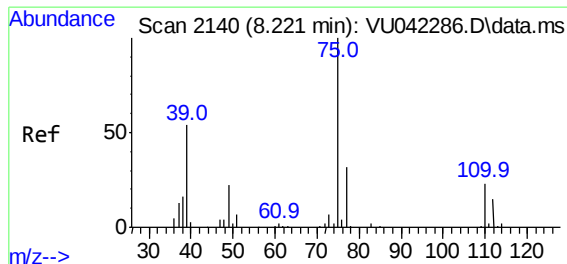
Tgt Ion: 63 Resp: 4794
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042287.D
Acq: 08 Feb 2021 10:52

Tgt Ion: 75 Resp: 1222
Ion Ratio Lower Upper
75 100
77 36.6 22.0 40.8



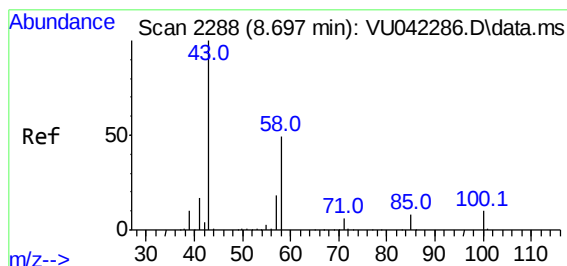
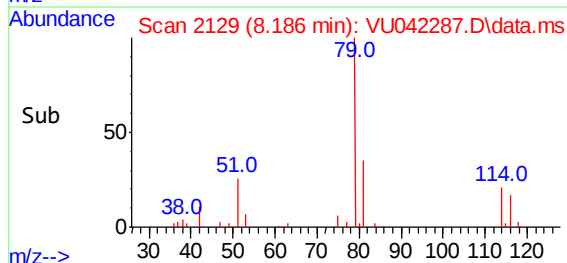
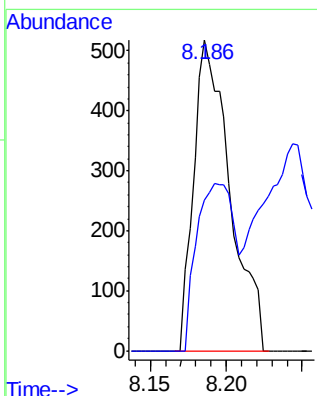
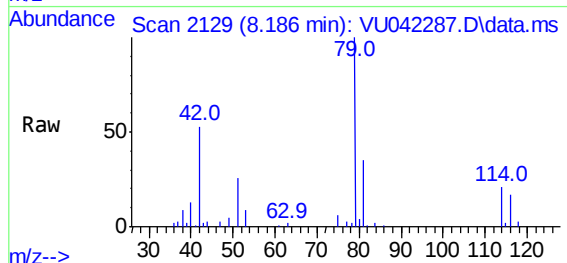


#44

trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042287.D
Acq: 08 Feb 2021 10:52

Instrument :
MSVOA_U
ClientSampled :
VBLK17

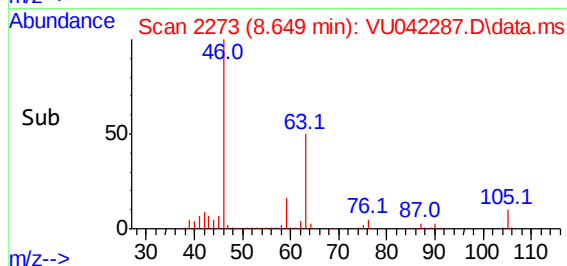
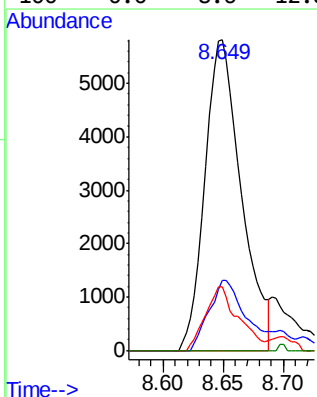
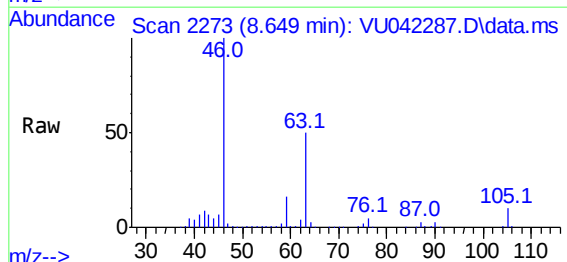
Tgt Ion: 75 Resp: 865
Ion Ratio Lower Upper
75 100
77 48.6 21.8 40.4#

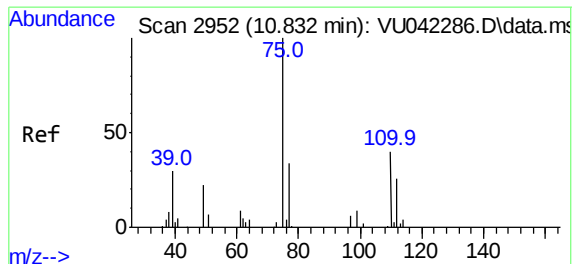


#48

2-Hexanone
Concen: 3.01 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042287.D
Acq: 08 Feb 2021 10:52

Tgt Ion: 43 Resp: 11969
Ion Ratio Lower Upper
43 100
58 22.7 40.6 61.0#
57 18.7 14.9 22.3
100 0.0 8.6 12.8#

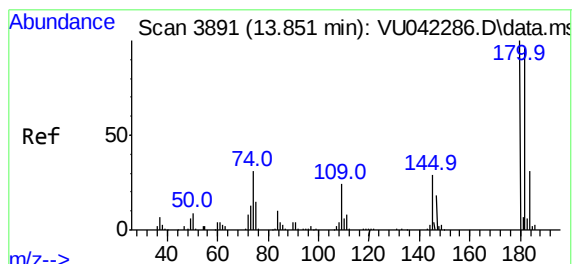
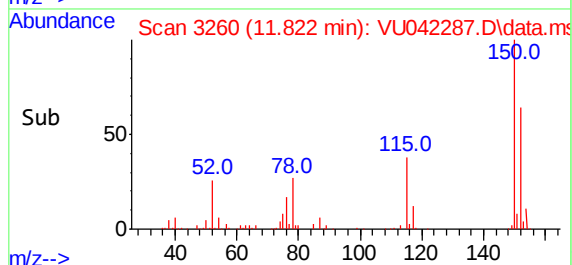
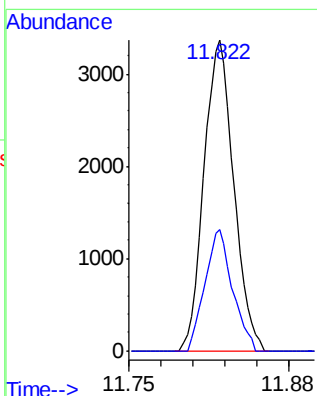
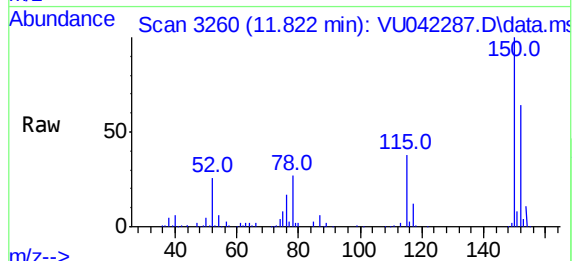




#59
 1,2,3-Trichloropropane
 Concen: 1.17 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.991 min
 Lab File: VU042287.D
 Acq: 08 Feb 2021 10:52

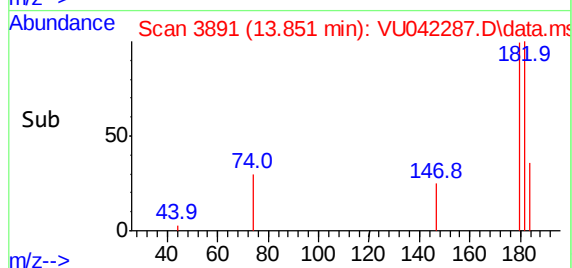
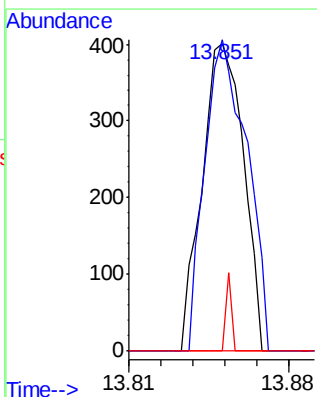
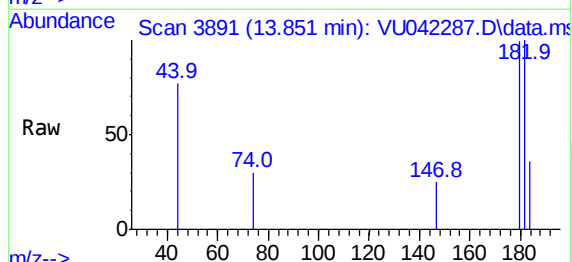
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 ClientSampled :
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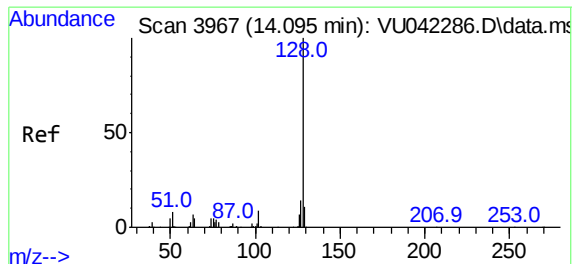
Tgt Ion: 75 Resp: 5521
 Ion Ratio Lower Upper
 75 100
 77 36.1 26.0 39.0



#68
 1,2,4-trichlorobenzene
 Concen: 0.06 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.000 min
 Lab File: VU042287.D
 Acq: 08 Feb 2021 10:52

Tgt Ion:180 Resp: 558
 Ion Ratio Lower Upper
 180 100
 182 102.9 76.3 114.5
 145 3.4 23.7 35.5#





#69
Naphthalene
Concen: 0.10 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042287.D
Acq: 08 Feb 2021 10:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK17

Tgt Ion:128 Resp: 1333
Ion Ratio Lower Upper
128 100
129 7.5 8.7 13.1#
127 10.1 10.6 15.8#

