

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043151.D
 Acq On : 16 Apr 2021 03:46
 Operator : SY/MD
 Sample : M2055-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:18:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

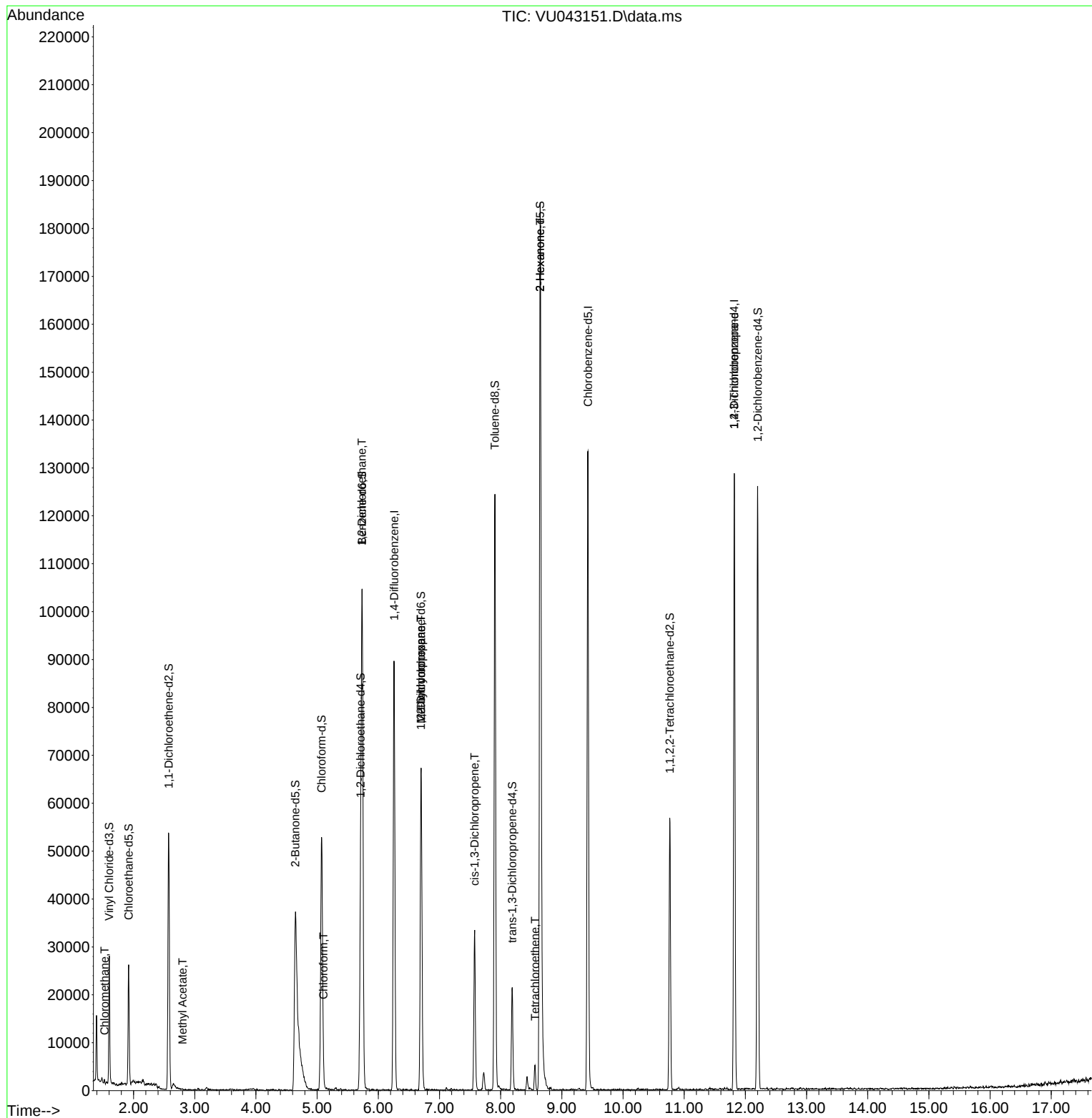
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	67654	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	66881	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	31762	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16938	4.92	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.40%	
7) Chloroethane-d5	1.919	69	16976	5.24	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.80%	
11) 1,1-Dichloroethene-d2	2.575	65	10535	5.29	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.80%	
20) 2-Butanone-d5	4.645	46	98884	65.53	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.06%#	
24) Chloroform-d	5.073	84	45627	5.22	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.40%	
26) 1,2-Dichloroethane-d4	5.710	65	31926	5.40	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.00%	
32) Benzene-d6	5.735	84	85766	5.51	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.20%	
36) 1,2-Dichloropropane-d6	6.700	67	28675	5.55	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.00%	
41) Toluene-d8	7.906	98	76660	4.74	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.80%	
43) trans-1,3-Dichloroprop...	8.189	79	10908	4.78	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.60%	
46) 2-Hexanone-d5	8.645	63	64634	56.83	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.66%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26422	5.82	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.40%	
66) 1,2-Dichlorobenzene-d4	12.201	152	31356	5.76	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.20%	
Target Compounds						
3) Chloromethane	1.527	50	418	0.10	ug/L	Qvalue 90
15) Methyl Acetate	2.800	43	176	0.08	ug/L	# 48
25) Chloroform	5.102	83	1679	0.18	ug/L	89
27) 1,2-Dichloroethane	5.732	62	598	0.09	ug/L	# 74
35) Methylcyclohexane	6.700	83	6888	1.01	ug/L	# 19
37) 1,2-Dichloropropane	6.697	63	3644	0.72	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	890	0.12	ug/L	# 80
47) Tetrachloroethene	8.562	164	1080	0.28	ug/L	94
48) 2-Hexanone	8.645	43	10418	3.14	ug/L	# 68
61) 1,2,3-Trichloropropane	11.819	75	4623	1.41	ug/L	# 63

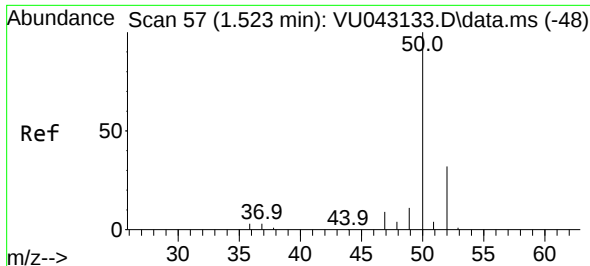
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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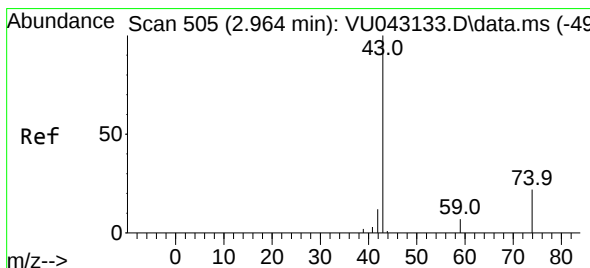
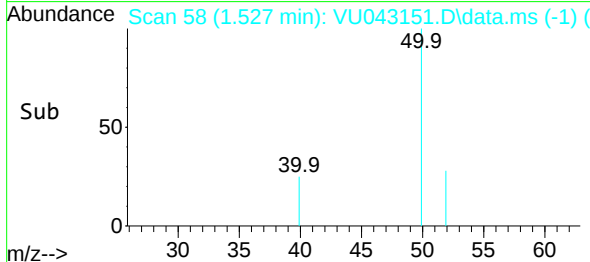
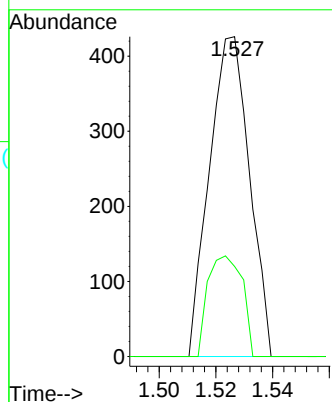
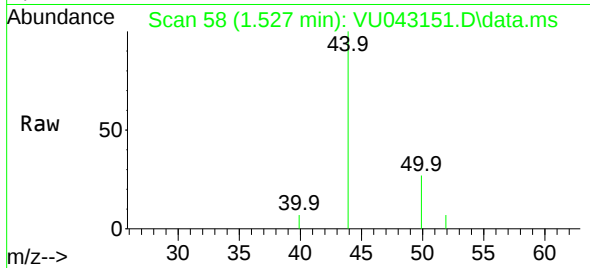




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043151.D
Acq: 16 Apr 2021 03:46

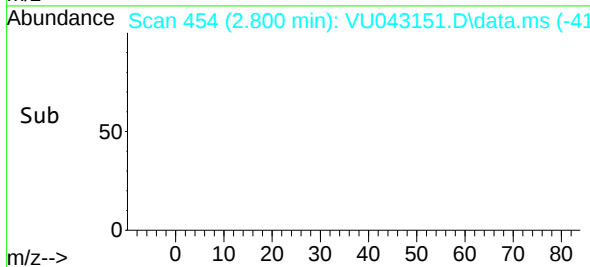
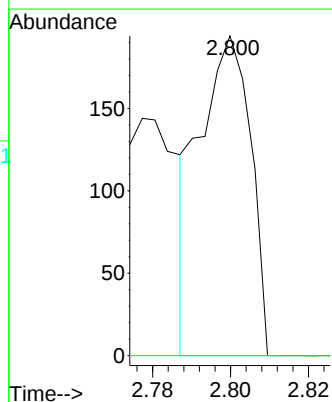
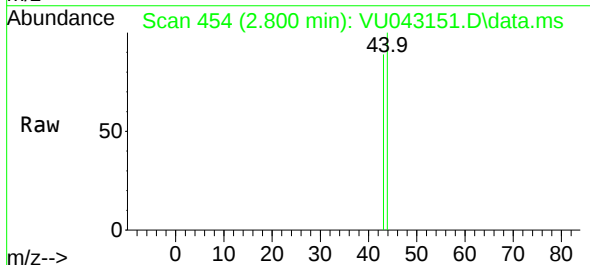
Instrument :
MSVOA_U
ClientSampled :

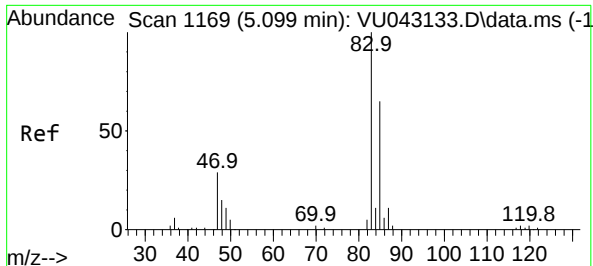
Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 28.2 23.6 43.8



#15
Methyl Acetate
Concen: 0.08 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.164 min
Lab File: VU043151.D
Acq: 16 Apr 2021 03:46

Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



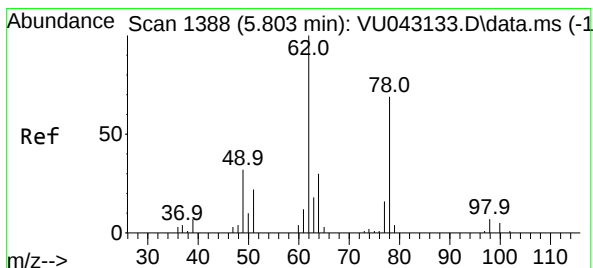
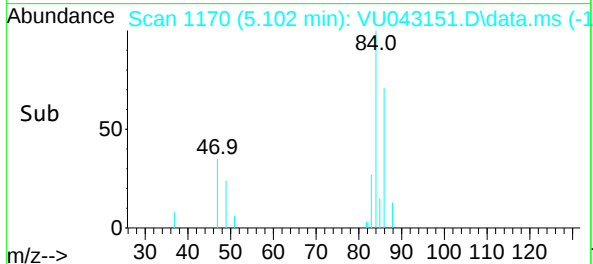
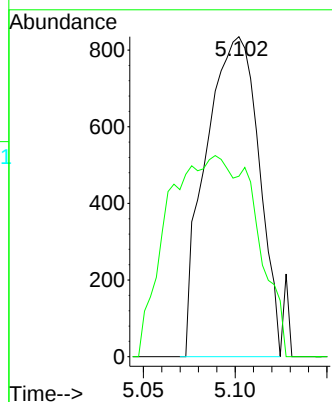
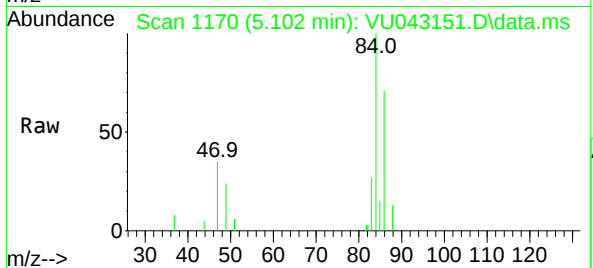


#25

Chloroform
Concen: 0.18 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043151.D
Acq: 16 Apr 2021 03:46

Instrument :
MSVOA_U
ClientSampled :

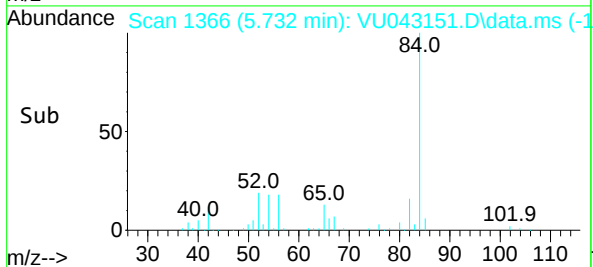
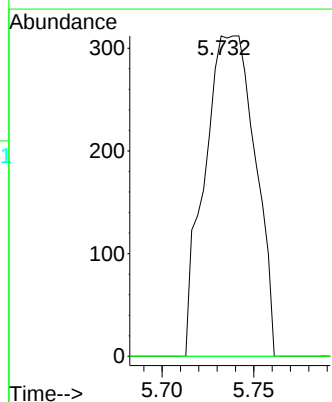
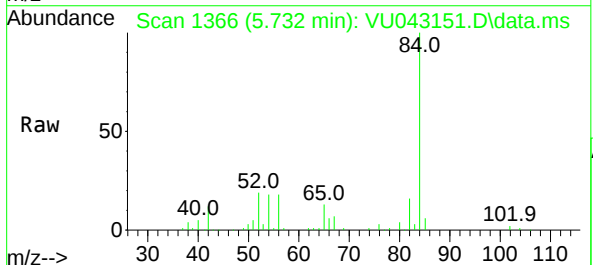
Tgt Ion: 83 Resp: 1679
Ion Ratio Lower Upper
83 100
85 56.4 45.6 84.8

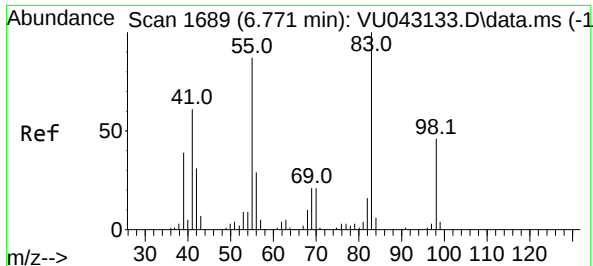


#27

1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043151.D
Acq: 16 Apr 2021 03:46

Tgt Ion: 62 Resp: 598
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#35

Methylcyclohexane

Concen: 1.01 ug/L

RT: 6.700 min Scan# 1667

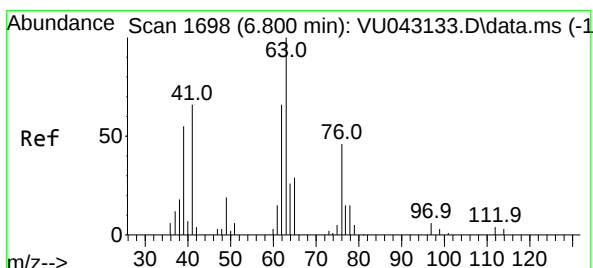
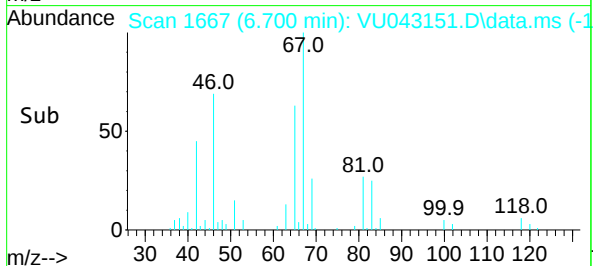
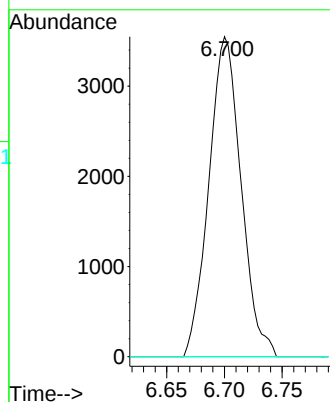
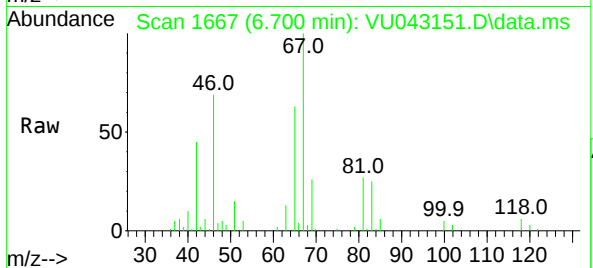
Delta R.T. -0.071 min

Lab File: VU043151.D

Acq: 16 Apr 2021 03:46

Tgt Ion:	83	Resp:	6888
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.72 ug/L

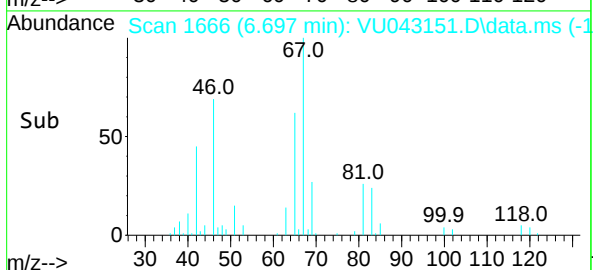
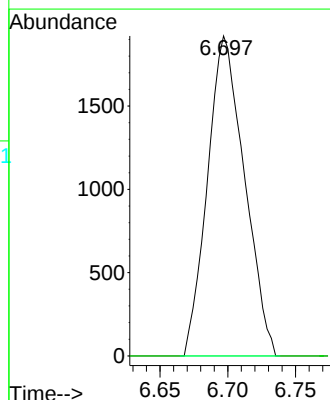
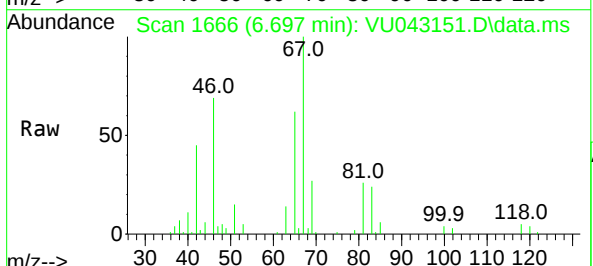
RT: 6.697 min Scan# 1666

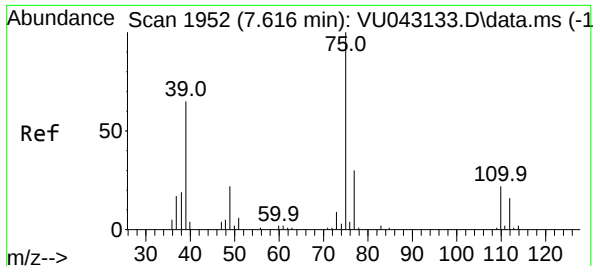
Delta R.T. -0.103 min

Lab File: VU043151.D

Acq: 16 Apr 2021 03:46

Tgt Ion:	63	Resp:	3644
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



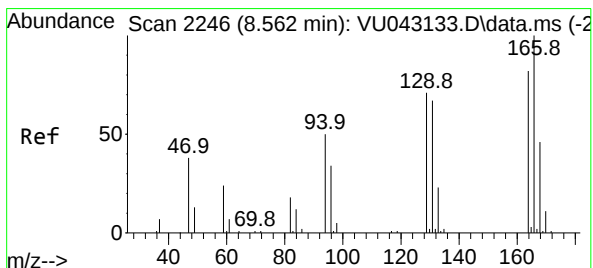
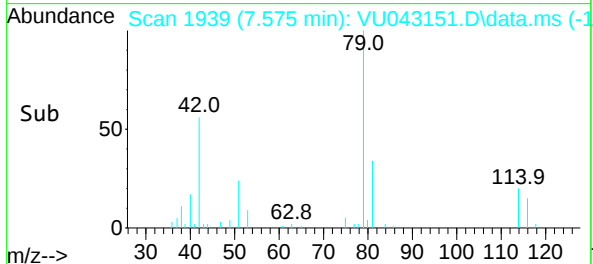
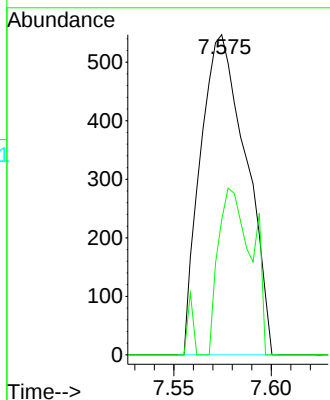
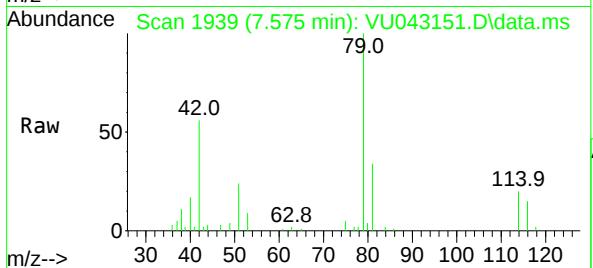


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043151.D
Acq: 16 Apr 2021 03:46

Instrument :
MSVOA_U
ClientSampled :

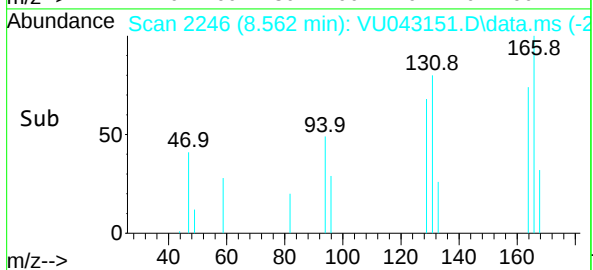
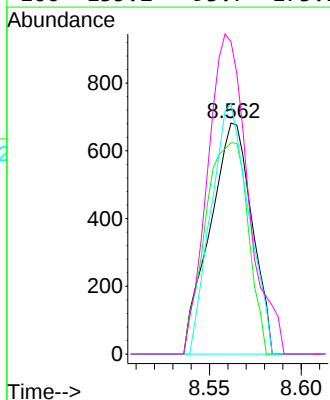
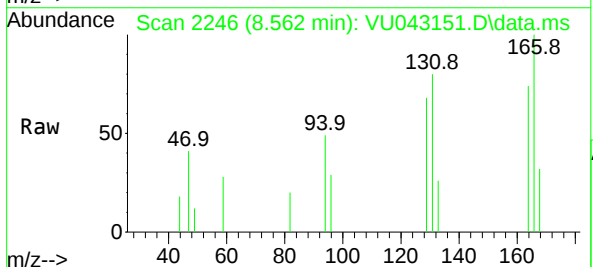
Tgt Ion: 75 Resp: 890
Ion Ratio Lower Upper
75 100
77 42.2 21.8 40.6#

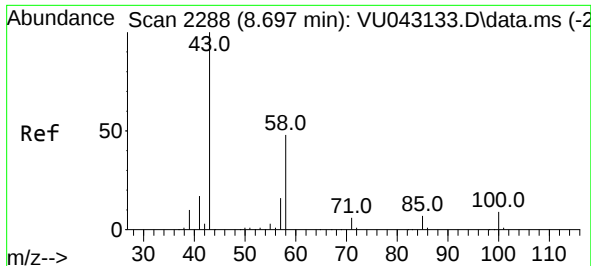


#47

Tetrachloroethene
Concen: 0.28 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043151.D
Acq: 16 Apr 2021 03:46

Tgt Ion: 164 Resp: 1080
Ion Ratio Lower Upper
164 100
129 91.5 66.6 123.8
131 108.4 65.9 122.3
166 135.2 93.7 173.9

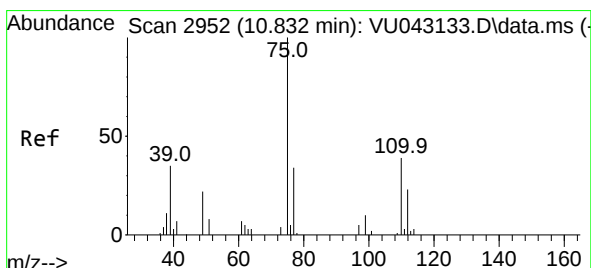
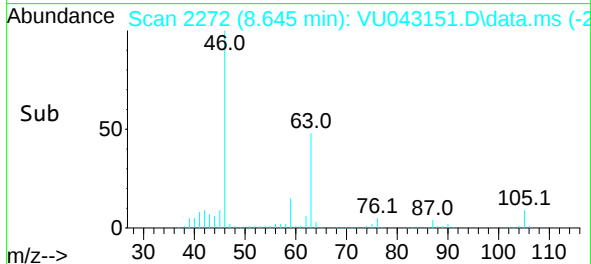
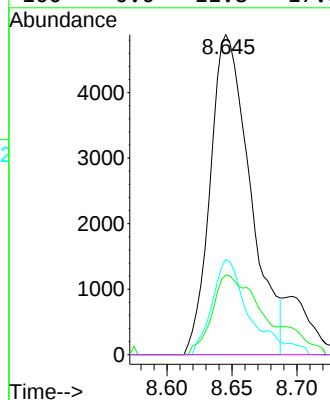
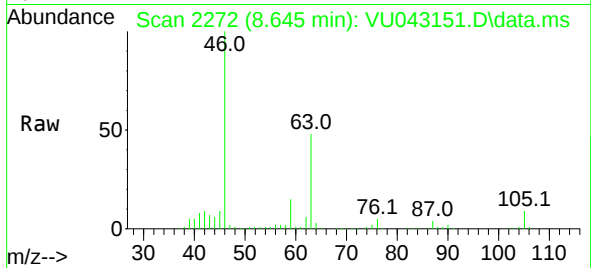




#48
2-Hexanone
Concen: 3.14 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU043151.D
Acq: 16 Apr 2021 03:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43	Resp: 10418
Ion Ratio	Lower Upper
43 100	
58 34.1	50.0 75.0#
57 28.2	17.4 26.0#
100 0.0	11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 1.41 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043151.D
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Tgt Ion: 75	Resp: 4623
Ion Ratio	Lower Upper
75 100	
110 0.0	31.5 47.3#
77 36.0	26.3 39.5

