

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043143.D
 Acq On : 16 Apr 2021 00:34
 Operator : SY/MD
 Sample : M2055-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4482

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:21:33 AM

Quant Time: Apr 16 07:17:03 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	6.256	114	63385	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	63710	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	29876	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17394	5.40	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	108.00%	
7) Chloroethane-d5	1.919	69	16377	5.39	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.80%	
11) 1,1-Dichloroethene-d2	2.575	65	10777	5.78	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	115.60%	
20) 2-Butanone-d5	4.649	46	95810m	67.77	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	135.54%#	
24) Chloroform-d	5.073	84	46361	5.66	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.20%	
26) 1,2-Dichloroethane-d4	5.713	65	31616	5.70	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.00%	
32) Benzene-d6	5.735	84	84453	5.69	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.80%	
36) 1,2-Dichloropropane-d6	6.700	67	28655	5.82	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.40%	
41) Toluene-d8	7.906	98	76909	4.99	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.80%	
43) trans-1,3-Dichloroprop...	8.189	79	11421	5.26	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.20%	
46) 2-Hexanone-d5	8.645	63	67417	62.22	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.44%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26175	6.05	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.00%#	
66) 1,2-Dichlorobenzene-d4	12.201	152	30472	5.95	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.00%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.392	85	686	0.17	ug/L	# 72
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	461	0.11	ug/L	# 28
13) Acetone	2.668	43	1850	1.78	ug/L	91
17) Methyl tert-butyl Ether	3.375	73	4545	0.39	ug/L	93
19) 1,1-Dichloroethane	3.883	63	884	0.11	ug/L	# 82
22) cis-1,2-Dichloroethene	4.678	96	4196	0.94	ug/L	84
25) Chloroform	5.092	83	3750	0.43	ug/L	94
34) Trichloroethene	6.552	95	870	0.19	ug/L	89
47) Tetrachloroethene	8.562	164	1864	0.50	ug/L	79

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

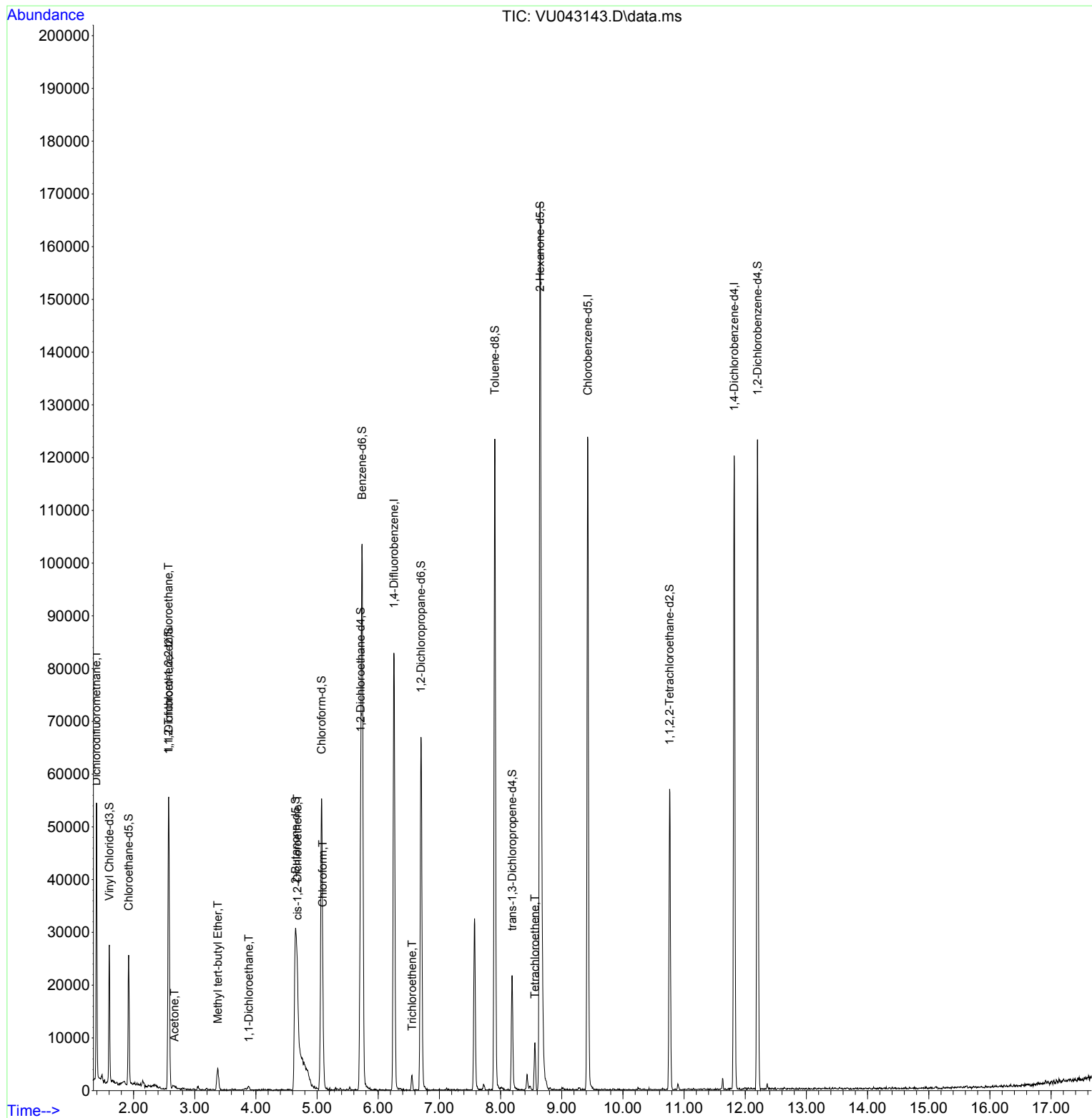
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
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Acq On : 16 Apr 2021 00:34
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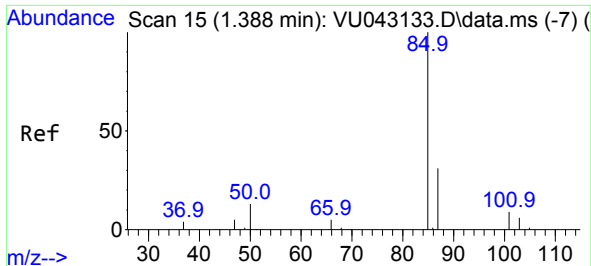
Instrument :
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ClientSampleId :
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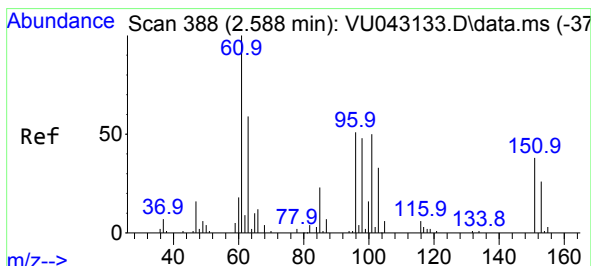
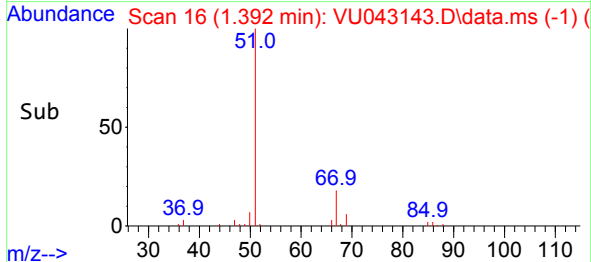
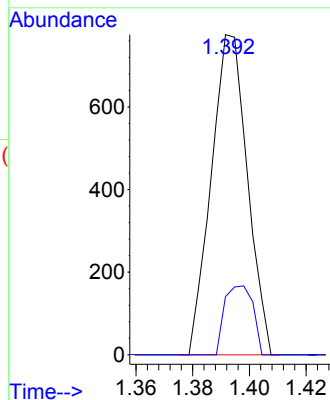
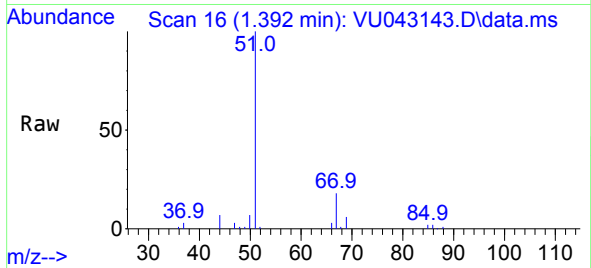
#2
Dichlorodifluoromethane
Concen: 0.17 ug/L
RT: 1.392 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34

Tgt Ion: 85 Resp: 686
Ion Ratio Lower Upper
85 100
87 16.9 26.3 39.5#

Instrument :
MSVOA_U
ClientSampled :
H4482

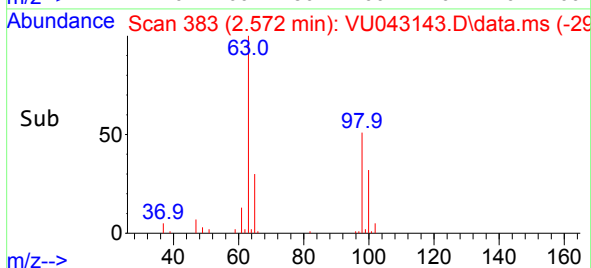
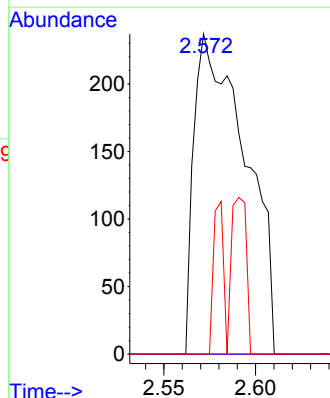
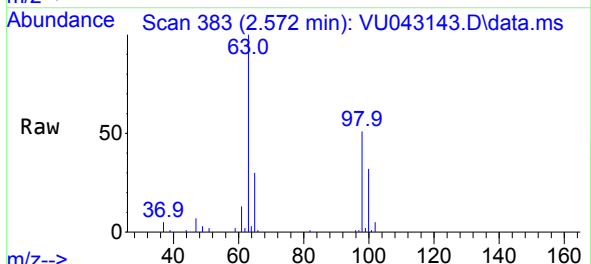
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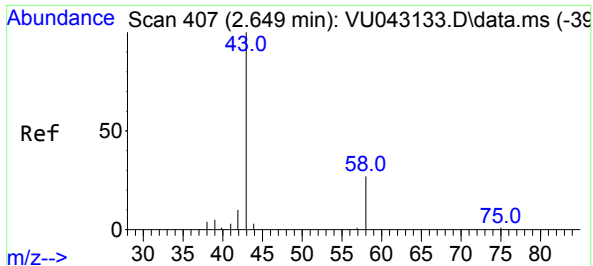
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#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.11 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34

Tgt Ion:101 Resp: 461
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 9.1 57.4 86.2#





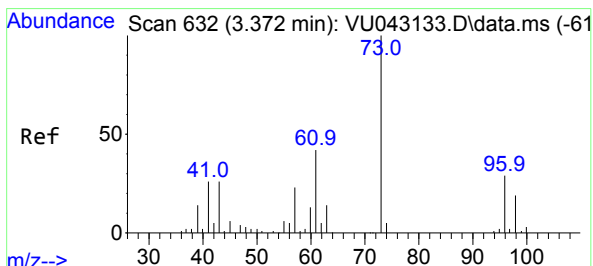
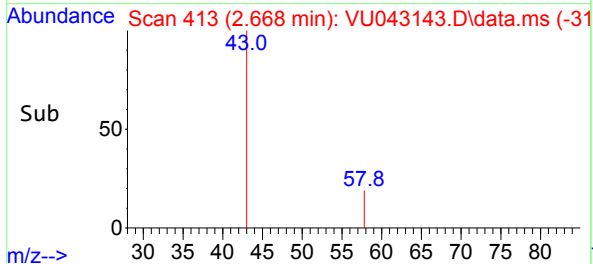
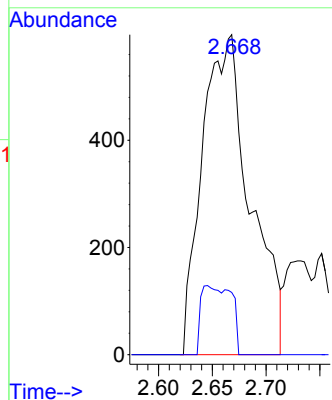
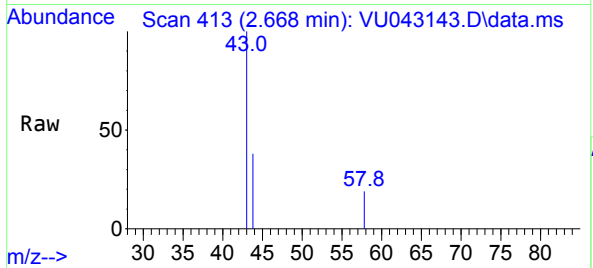
#13
Acetone
Concen: 1.78 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.019 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34

Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
58 8.8 0.0 25.0

Instrument :
MSVOA_U
ClientSampleId :
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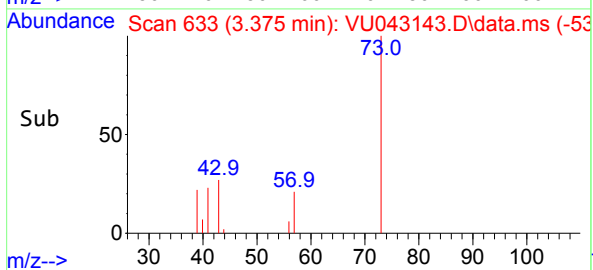
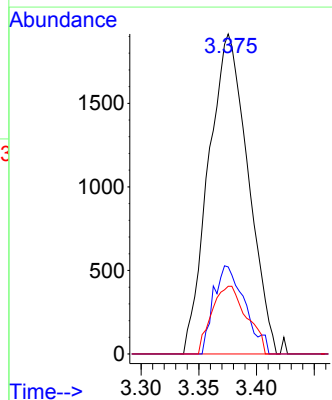
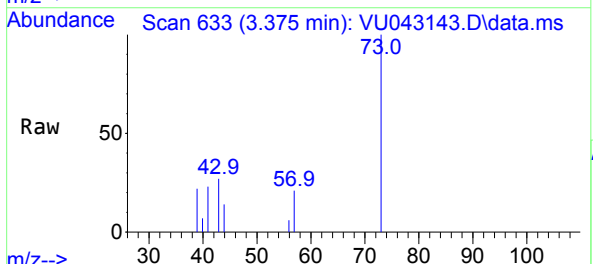
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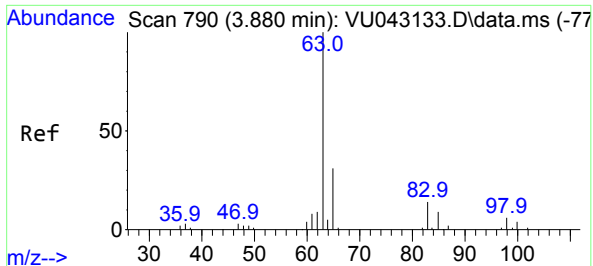
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#17
Methyl tert-butyl Ether
Concen: 0.39 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34

Tgt Ion: 73 Resp: 4545
Ion Ratio Lower Upper
73 100
43 21.8 15.0 22.4
57 18.7 17.3 25.9





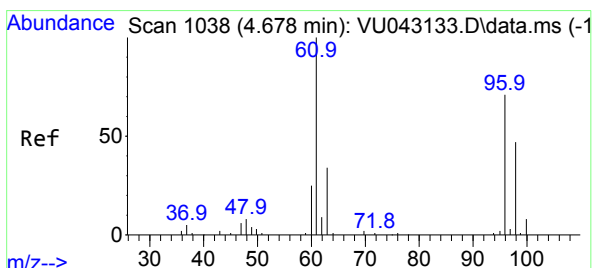
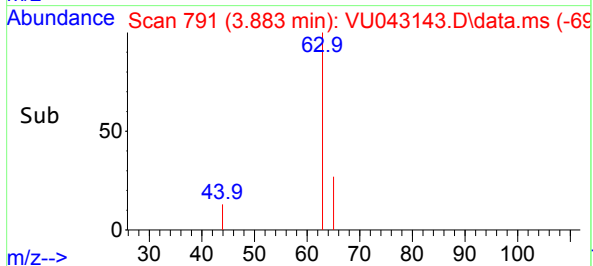
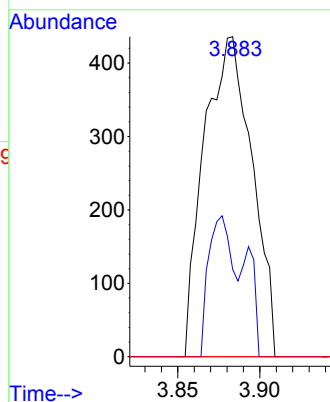
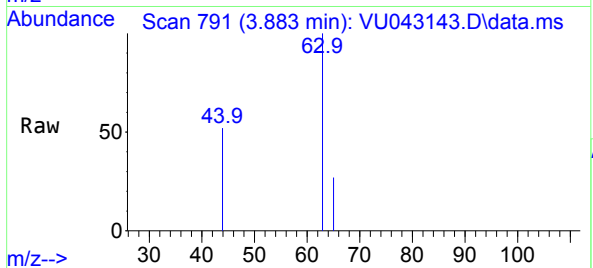
#19
1,1-Dichloroethane
Concen: 0.11 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34

Tgt Ion:	63	Resp:	884
Ion	Ratio	Lower	Upper
63	100		
65	27.3	23.2	43.0
83	0.0	9.9	18.3#

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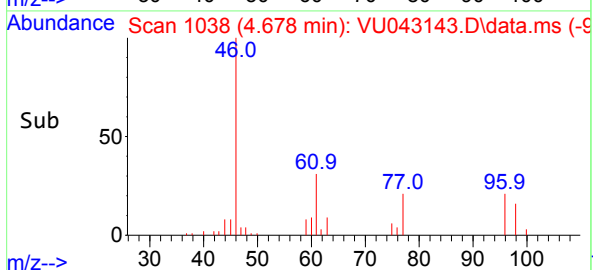
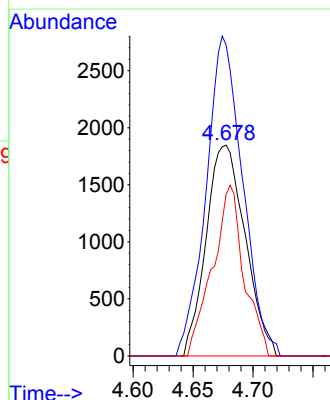
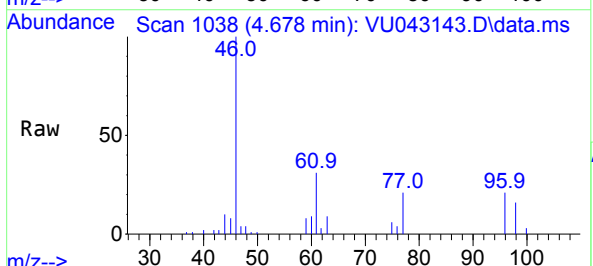
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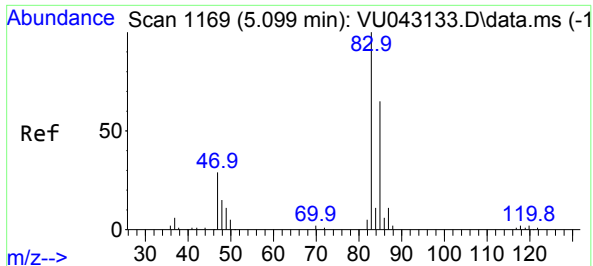
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#22
cis-1,2-Dichloroethene
Concen: 0.94 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34

Tgt Ion:	96	Resp:	4196
Ion	Ratio	Lower	Upper
96	100		
61	147.4	87.4	162.4
98	76.6	47.7	88.5





#25

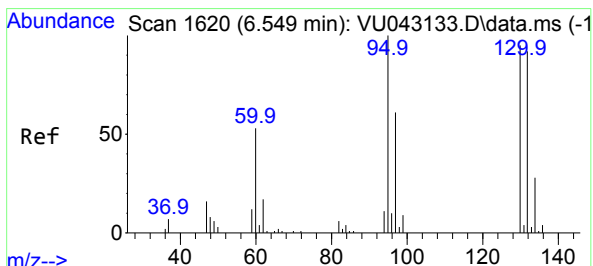
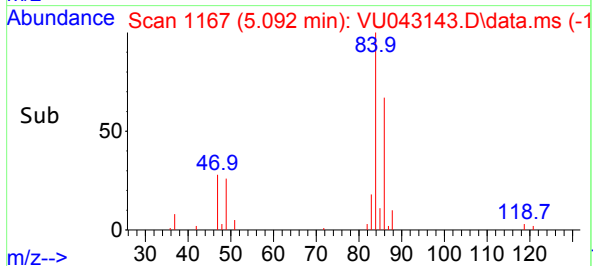
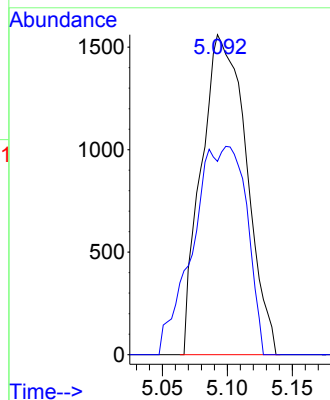
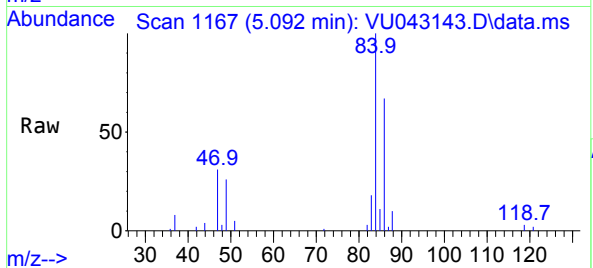
Chloroform
Concen: 0.43 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34

Tgt Ion: 83 Resp: 3750
Ion Ratio Lower Upper
83 100
85 60.4 45.6 84.8

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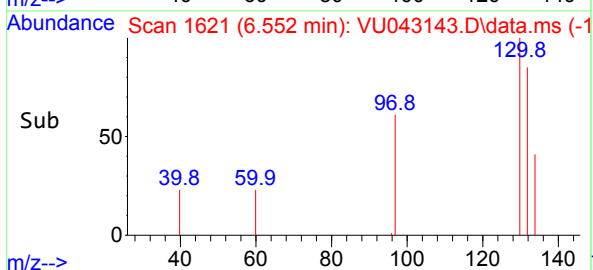
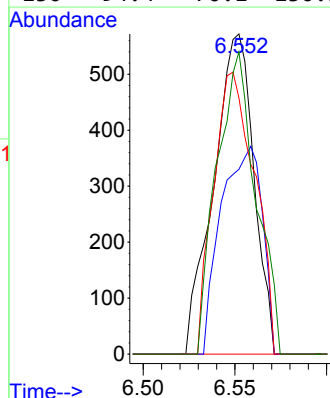
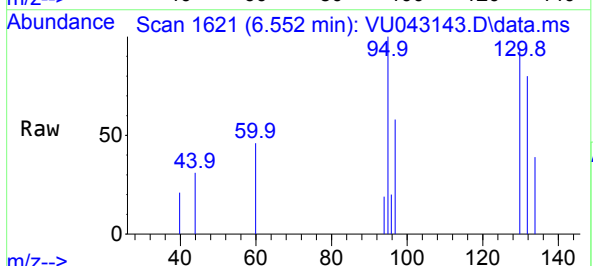
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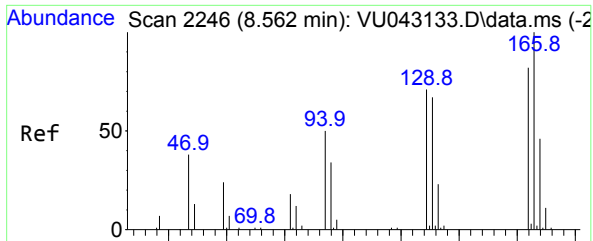


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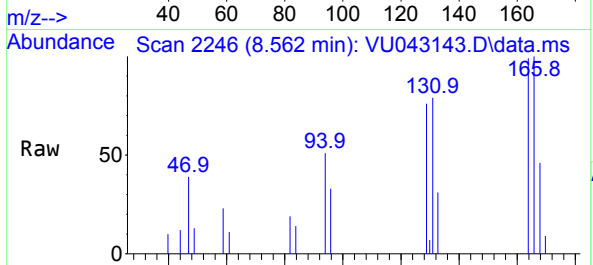
Trichloroethene
Concen: 0.19 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34

Tgt Ion: 95 Resp: 870
Ion Ratio Lower Upper
95 100
97 57.7 45.8 85.2
132 80.1 68.7 127.7
130 94.4 70.1 130.3



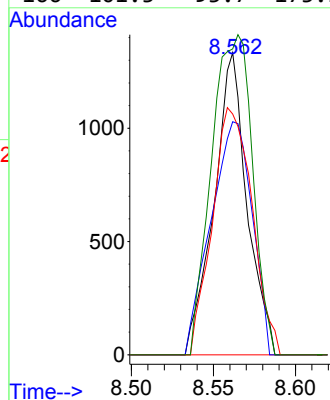
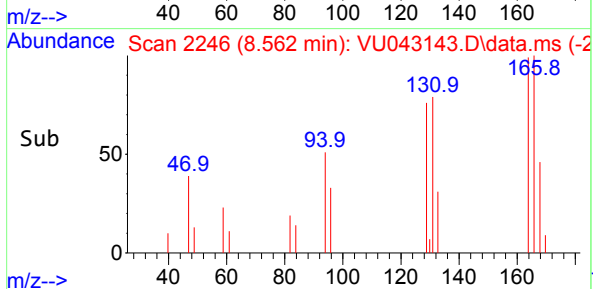


#47
Tetrachloroethene
Concen: 0.50 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043143.D
Acq: 16 Apr 2021 00:34



Tgt Ion:164 Resp: 1864

Ion	Ratio	Lower	Upper
164	100		
129	77.2	66.6	123.8
131	79.7	65.9	122.3
166	101.3	93.7	173.9



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