

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043439.D
 Acq On : 29 Apr 2021 20:52
 Operator : SY/MD
 Sample : M2197-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 07:32:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

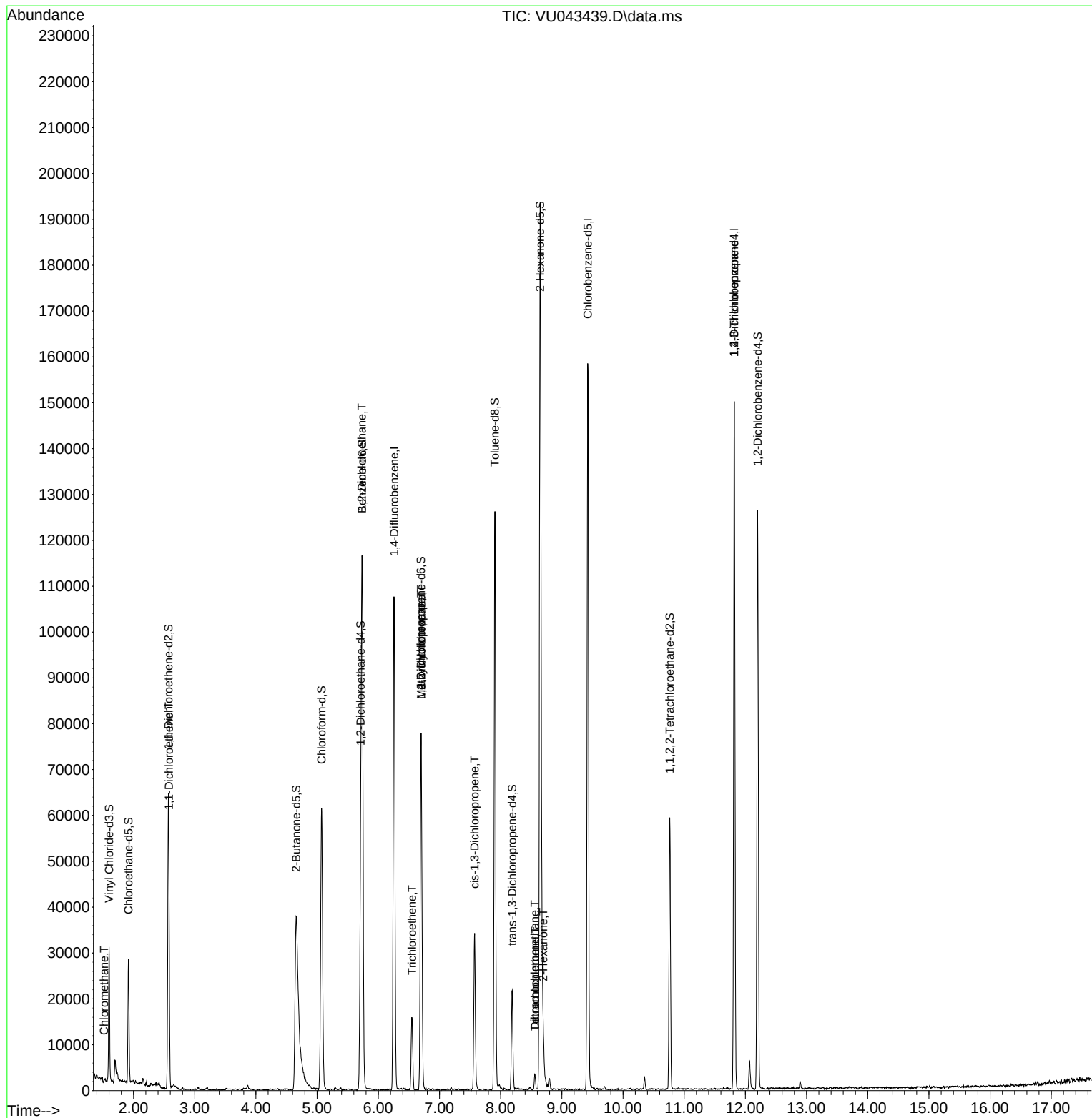
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	78049	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	80039	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	34778	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19072	4.81	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.20%	
7) Chloroethane-d5	1.916	69	18340	4.91	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.20%	
11) 1,1-Dichloroethene-d2	2.571	65	12302	5.36	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.20%	
20) 2-Butanone-d5	4.658	46	100211	57.57	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.14%	
24) Chloroform-d	5.073	84	53868	5.34	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.80%	
26) 1,2-Dichloroethane-d4	5.713	65	33750	4.95	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.00%	
32) Benzene-d6	5.735	84	94417	5.07	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.40%	
36) 1,2-Dichloropropane-d6	6.700	67	33551	5.43	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.60%	
41) Toluene-d8	7.906	98	76053	3.93	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.60%	
43) trans-1,3-Dichloroprop...	8.189	79	11043	4.05	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.00%	
46) 2-Hexanone-d5	8.645	63	63481	46.64	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.28%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28504	5.24	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.80%	
66) 1,2-Dichlorobenzene-d4	12.201	152	30184	5.06	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.20%	
Target Compounds						
3) Chloromethane	1.520	50	670	0.14	ug/L	Qvalue 83
12) 1,1-Dichloroethene	2.578	96	403	0.09	ug/L	# 1
27) 1,2-Dichloroethane	5.732	62	662	0.08	ug/L	# 74
34) Trichloroethene	6.552	95	5174	0.88	ug/L	98
35) Methylcyclohexane	6.703	83	7760	0.95	ug/L	# 19
37) 1,2-Dichloropropane	6.703	63	3954	0.66	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	738	0.08	ug/L	# 66
47) Tetrachloroethene	8.562	164	754	0.16	ug/L	# 73
48) 2-Hexanone	8.697	43	4904	1.24	ug/L	# 71
49) Dibromochloromethane	8.558	129	753	0.13	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	4728	1.32	ug/L	# 65

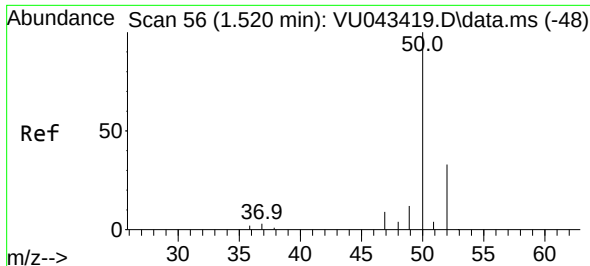
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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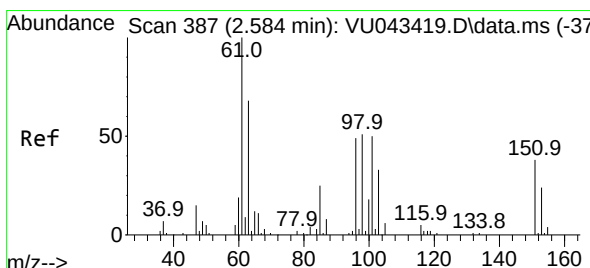
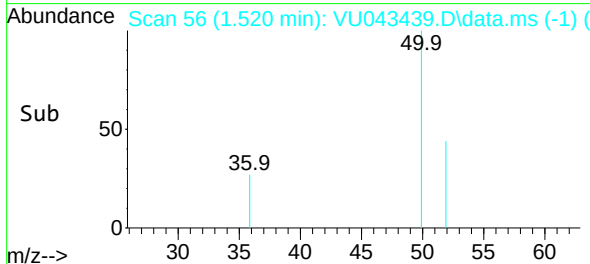
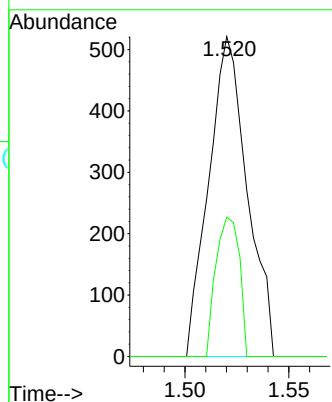
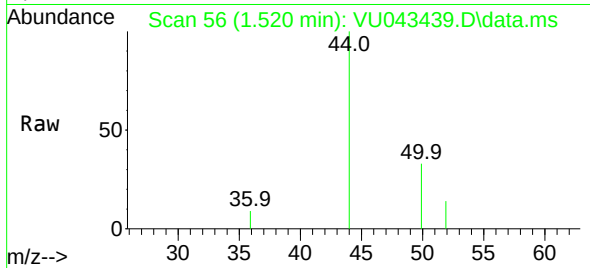




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043439.D
Acq: 29 Apr 2021 20:52

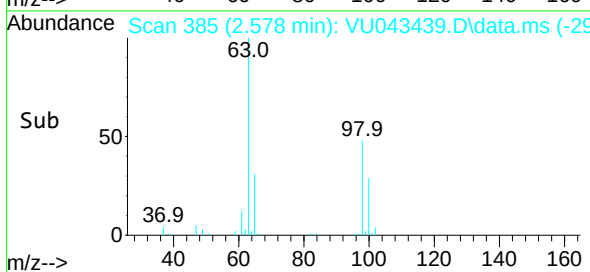
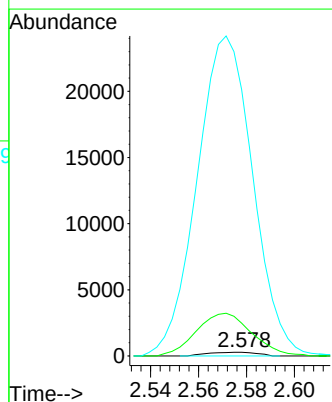
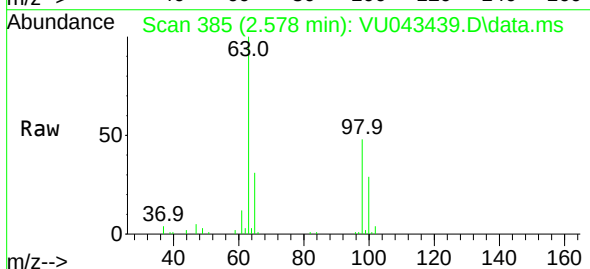
Instrument :
MSVOA_U
ClientSampled :

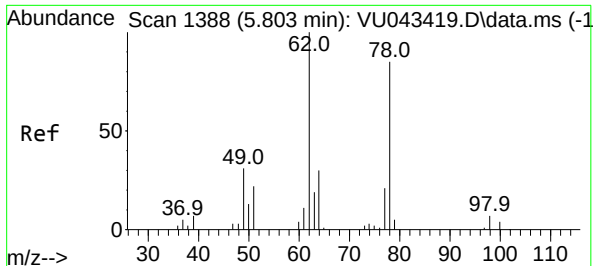
Tgt Ion: 50 Resp: 670
Ion Ratio Lower Upper
50 100
52 43.6 23.6 43.8



#12
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU043439.D
Acq: 29 Apr 2021 20:52

Tgt Ion: 96 Resp: 403
Ion Ratio Lower Upper
96 100
61 886.8 115.1 213.7#
63 7191.4 84.1 156.1#





#27

1,2-Dichloroethane

Concen: 0.08 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.071 min

Lab File: VU043439.D

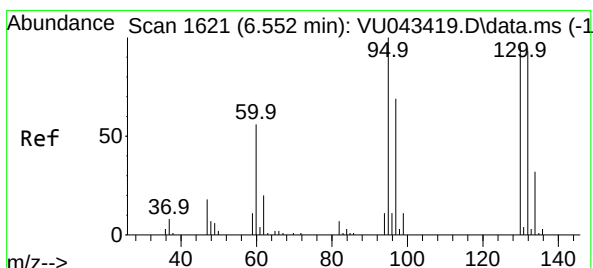
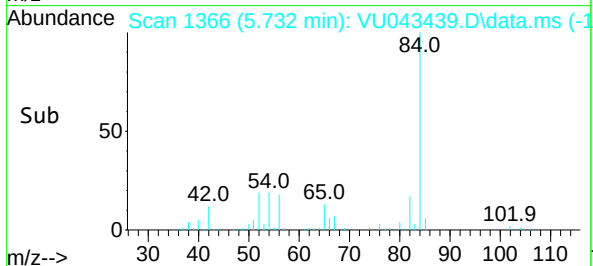
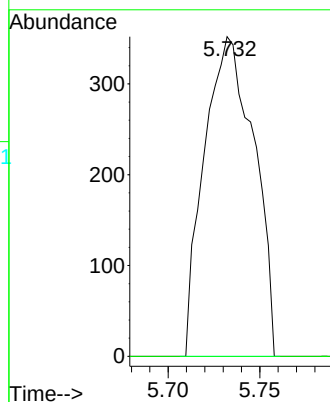
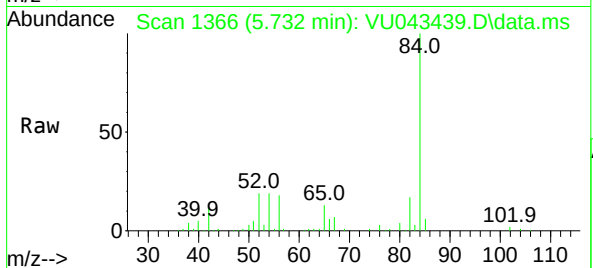
Acq: 29 Apr 2021 20:52

Tgt Ion: 62 Resp: 662

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



#34

Trichloroethene

Concen: 0.88 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VU043439.D

Acq: 29 Apr 2021 20:52

Tgt Ion: 95 Resp: 5174

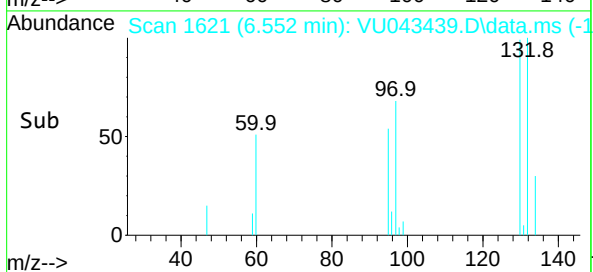
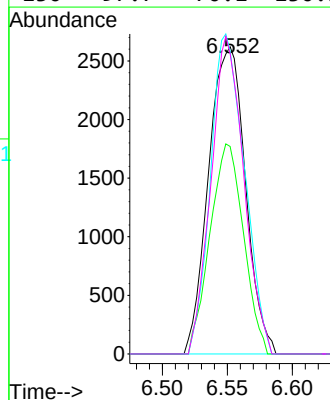
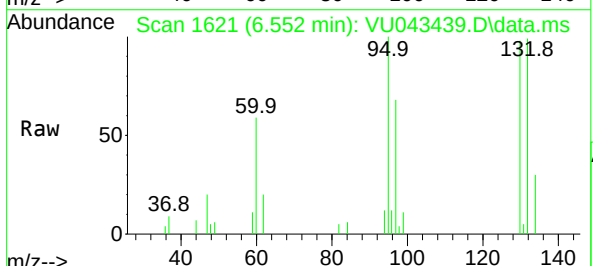
Ion Ratio Lower Upper

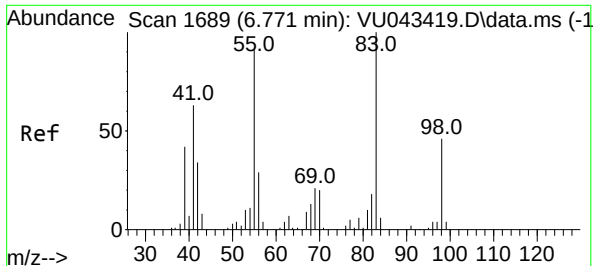
95 100

97 67.5 45.8 85.2

132 98.7 68.7 127.7

130 97.7 70.1 130.3





#35

Methylcyclohexane

Concen: 0.95 ug/L

RT: 6.703 min Scan# 1668

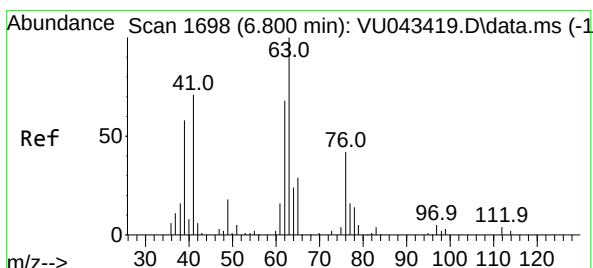
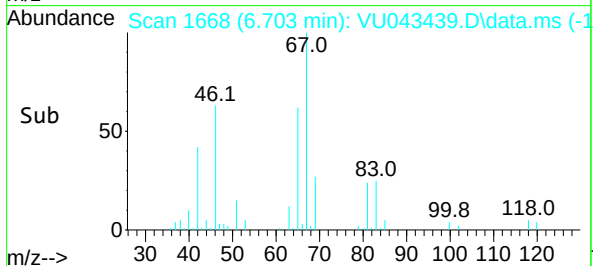
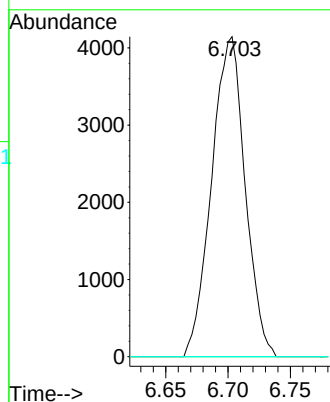
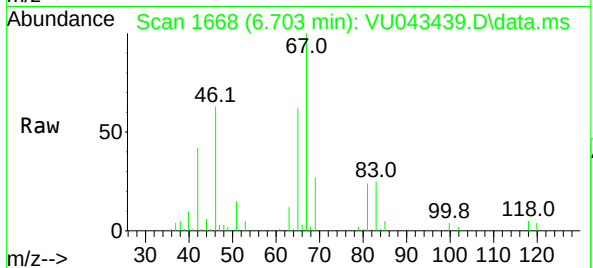
Delta R.T. -0.068 min

Lab File: VU043439.D

Acq: 29 Apr 2021 20:52

Tgt Ion:	83	Resp:	7760
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.3	37.9	56.9#

Instrument :
MSVOA_U
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#37

1,2-Dichloropropane

Concen: 0.66 ug/L

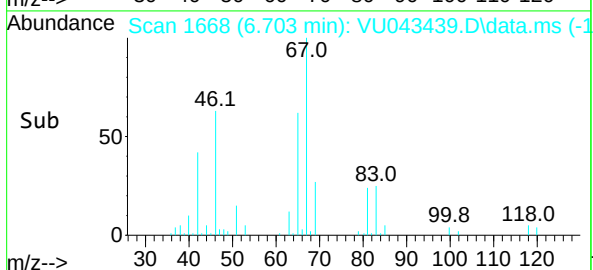
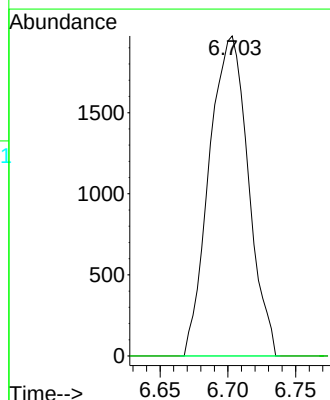
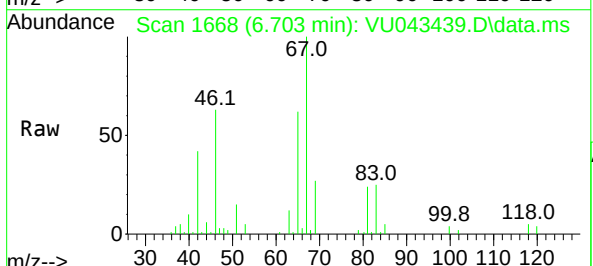
RT: 6.703 min Scan# 1668

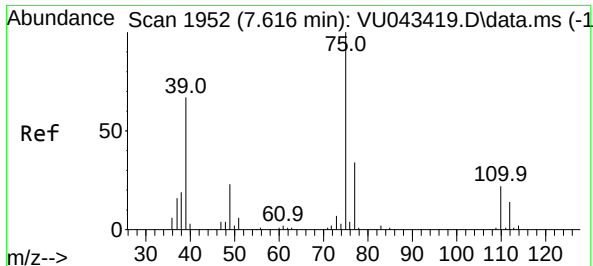
Delta R.T. -0.096 min

Lab File: VU043439.D

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Tgt Ion:	63	Resp:	3954
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

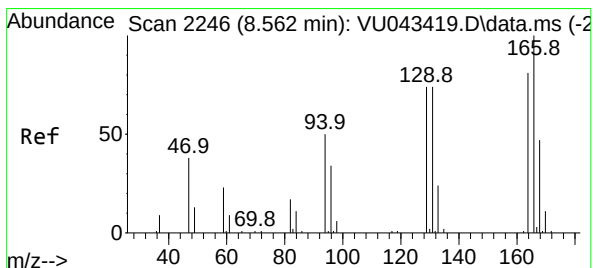
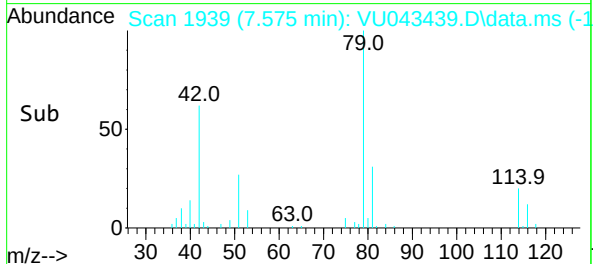
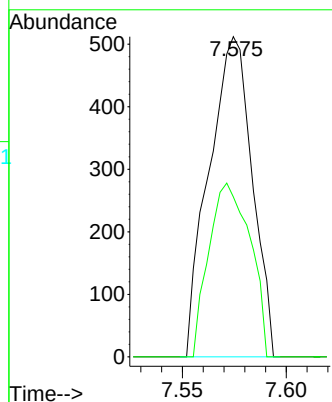
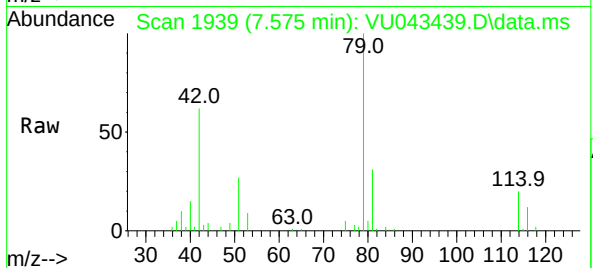




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043439.D
Acq: 29 Apr 2021 20:52

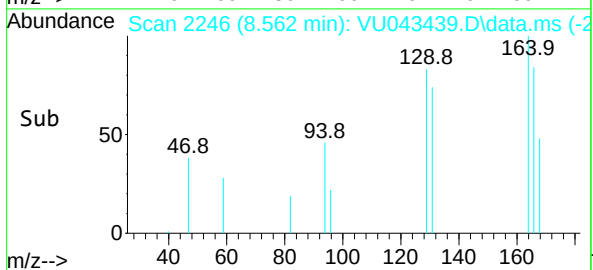
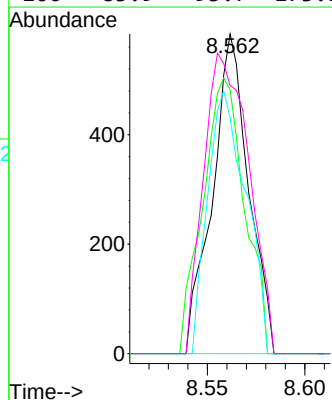
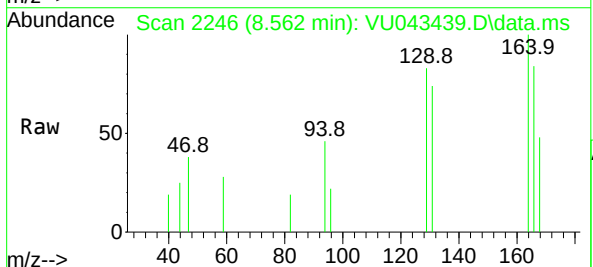
Instrument :
MSVOA_U
ClientSampleId :

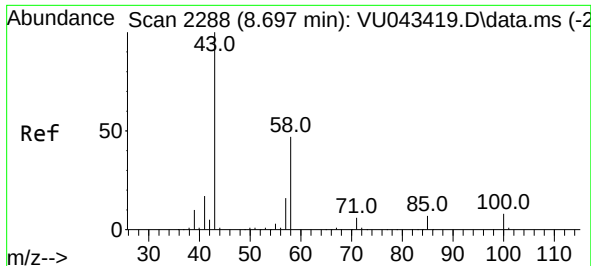
Tgt Ion: 75 Resp: 738
Ion Ratio Lower Upper
75 100
77 50.0 21.8 40.6#



#47
Tetrachloroethene
Concen: 0.16 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043439.D
Acq: 29 Apr 2021 20:52

Tgt Ion:164 Resp: 754
Ion Ratio Lower Upper
164 100
129 82.5 66.6 123.8
131 73.8 65.9 122.3
166 83.9 93.7 173.9#

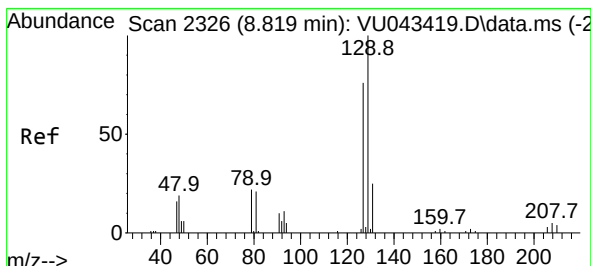
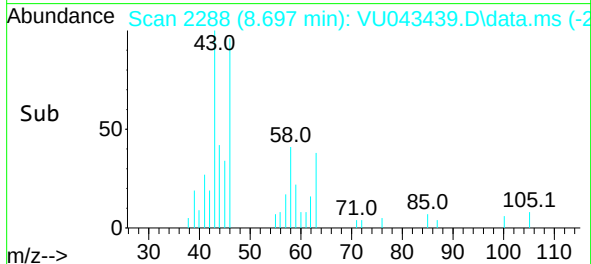
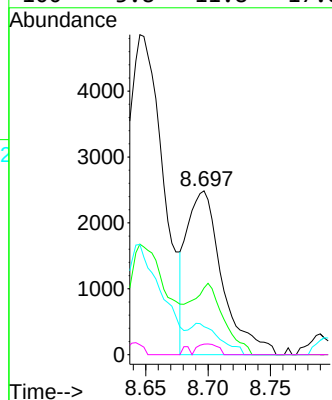
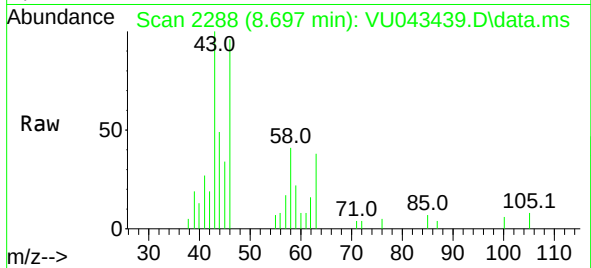




#48
2-Hexanone
Concen: 1.24 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU043439.D
Acq: 29 Apr 2021 20:52

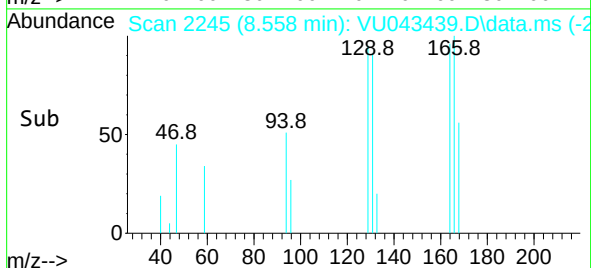
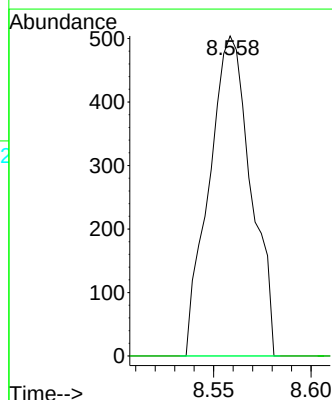
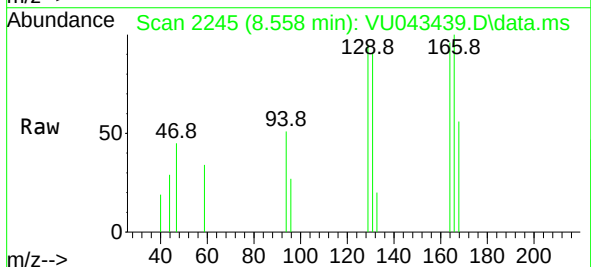
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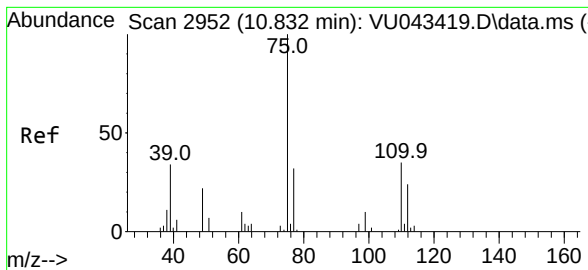
Tgt Ion:	43	Resp:	4904
Ion	Ratio	Lower	Upper
43	100		
58	35.9	50.0	75.0#
57	14.9	17.4	26.0#
100	3.8	11.8	17.8#



#49
Dibromochloromethane
Concen: 0.13 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043439.D
Acq: 29 Apr 2021 20:52

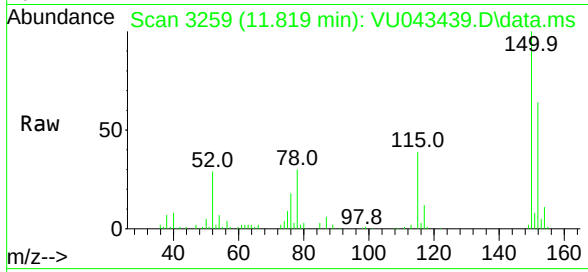
Tgt Ion:	129	Resp:	753
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.32 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043439.D
 Acq: 29 Apr 2021 20:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4728
 Ion Ratio Lower Upper
 75 100
 110 0.0 31.5 47.3#
 77 32.9 26.3 39.5

