

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043139.D
 Acq On : 15 Apr 2021 22:58
 Operator : SY/MD
 Sample : M2055-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:15:49 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	65192	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	64632	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	30989	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18385	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.919	69	17384	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.572	65	11375	5.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.60%
20) 2-Butanone-d5	4.642	46	71722	49.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	5.073	84	48013	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	5.710	65	32657	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.735	84	87706	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
36) 1,2-Dichloropropane-d6	6.700	67	29624	5.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.80%
41) Toluene-d8	7.906	98	80450	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloroprop...	8.189	79	11557	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.645	63	69042	62.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.62%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26183	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	32550	6.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.60%#

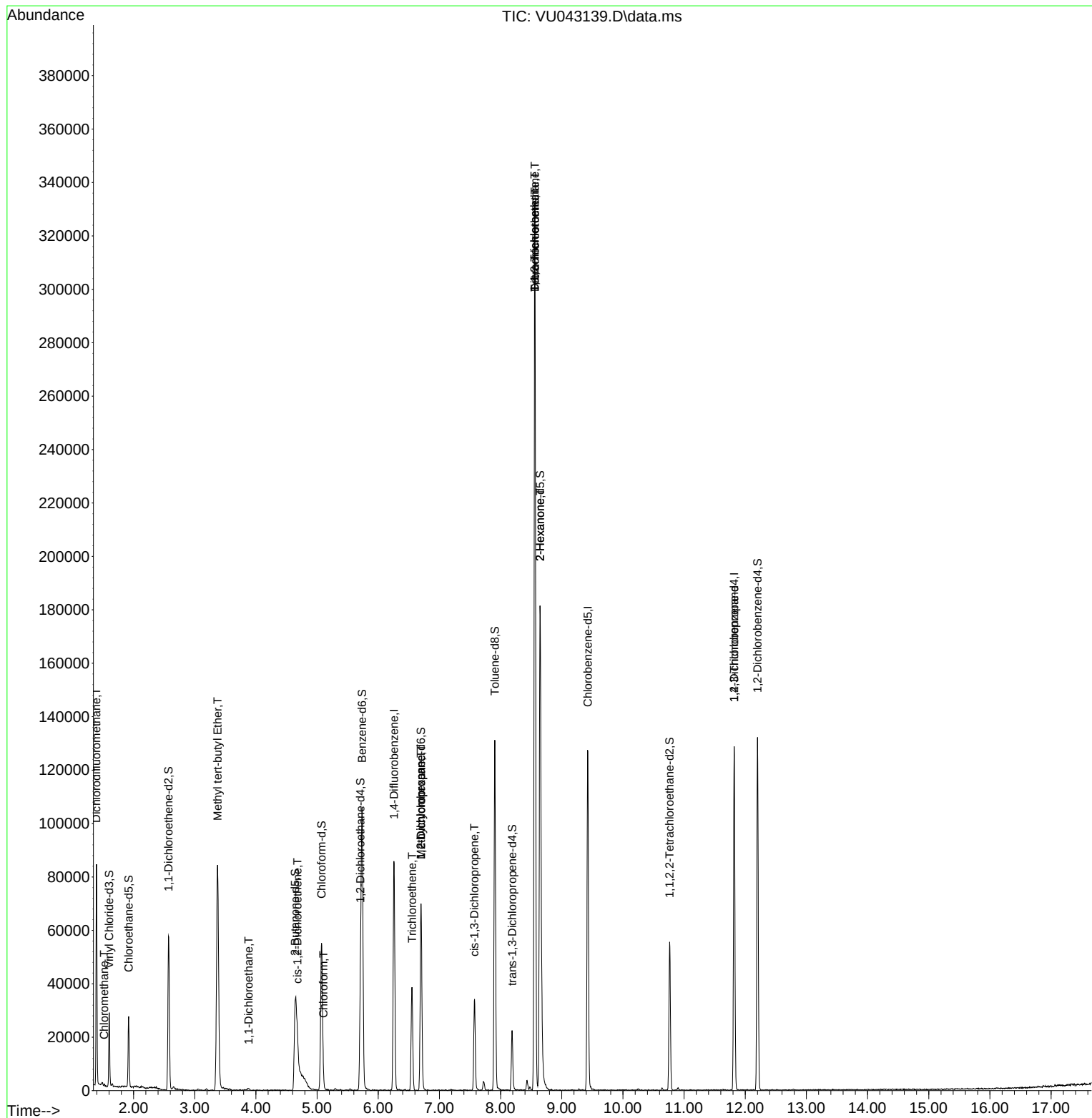
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.392	85	910	0.22	ug/L 90
3) Chloromethane	1.520	50	359	0.09	ug/L 89
17) Methyl tert-butyl Ether	3.372	73	89530	7.56	ug/L # 93
19) 1,1-Dichloroethane	3.880	63	879	0.10	ug/L # 82
22) cis-1,2-Dichloroethene	4.678	96	3555	0.78	ug/L 98
25) Chloroform	5.102	83	1816	0.20	ug/L 82
34) Trichloroethene	6.552	95	12408	2.61	ug/L 95
35) Methylcyclohexane	6.700	83	6830	1.04	ug/L # 19
37) 1,2-Dichloropropane	6.700	63	3590	0.74	ug/L # 87
39) cis-1,3-Dichloropropene	7.571	75	999	0.14	ug/L 100
45) 1,1,2-Trichloroethane	8.558	97	622	0.17	ug/L # 36
47) Tetrachloroethene	8.562	164	69818	18.50	ug/L 94
48) 2-Hexanone	8.645	43	10472	3.27	ug/L # 66
49) Dibromochloromethane	8.562	129	64386	14.04	ug/L # 9
61) 1,2,3-Trichloropropane	11.819	75	3998	1.25	ug/L # 62

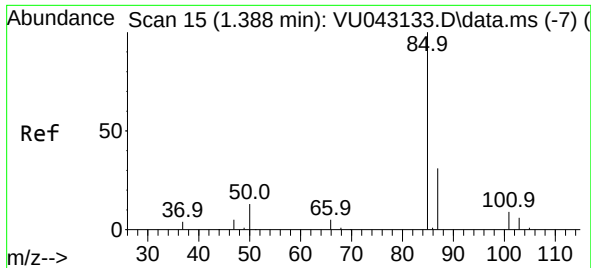
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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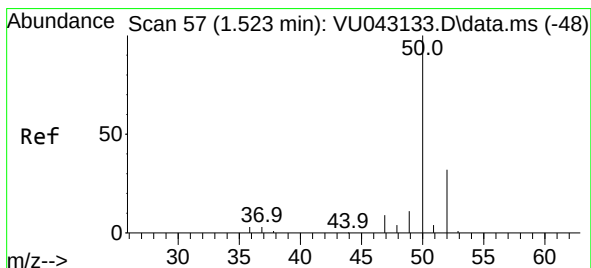
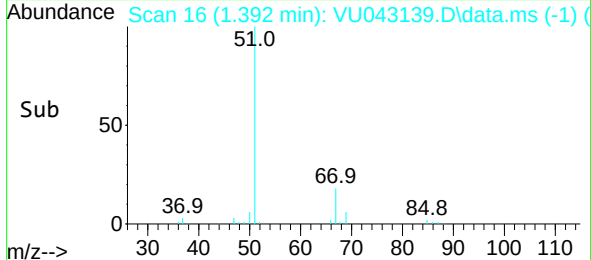
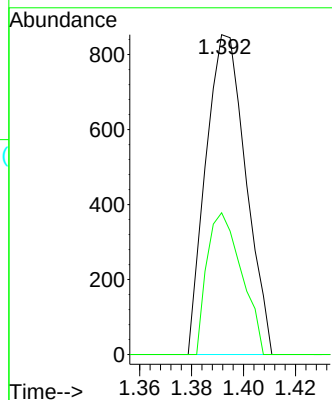
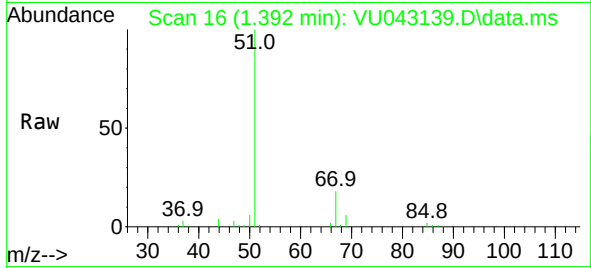




#2
 Dichlorodifluoromethane
 Concen: 0.22 ug/L
 RT: 1.392 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU043139.D
 Acq: 15 Apr 2021 22:58

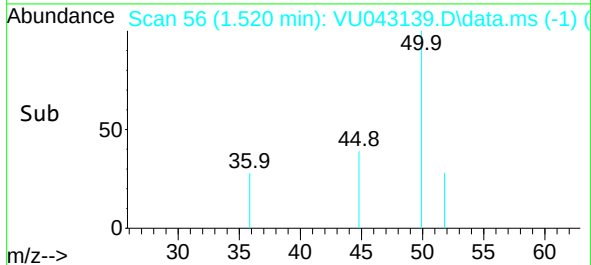
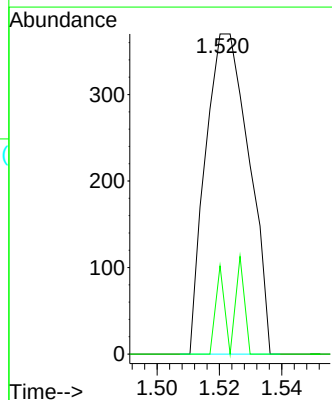
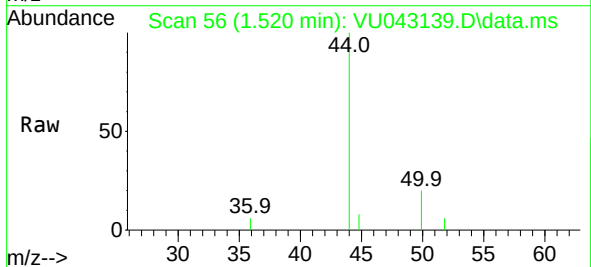
Instrument :
 MSVOA_U
 ClientSampled :

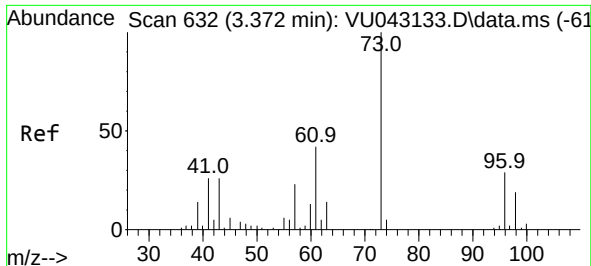
Tgt Ion: 85 Resp: 910
 Ion Ratio Lower Upper
 85 100
 87 38.5 26.3 39.5



#3
 Chloromethane
 Concen: 0.09 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU043139.D
 Acq: 15 Apr 2021 22:58

Tgt Ion: 50 Resp: 359
 Ion Ratio Lower Upper
 50 100
 52 27.6 23.6 43.8





#17

Methyl tert-butyl Ether

Concen: 7.56 ug/L

RT: 3.372 min Scan# 632

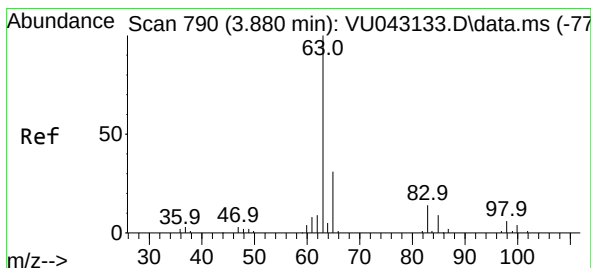
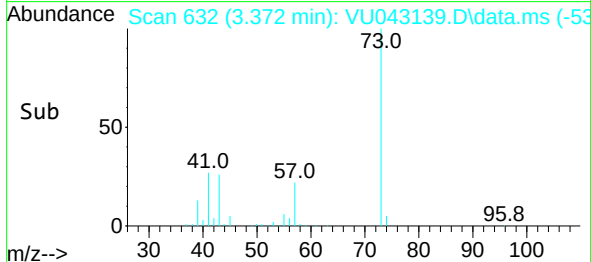
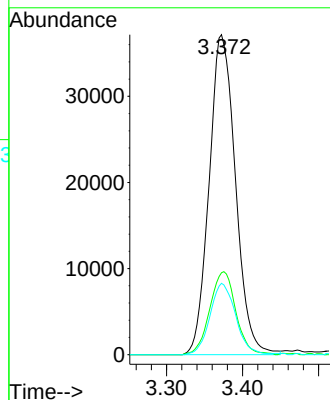
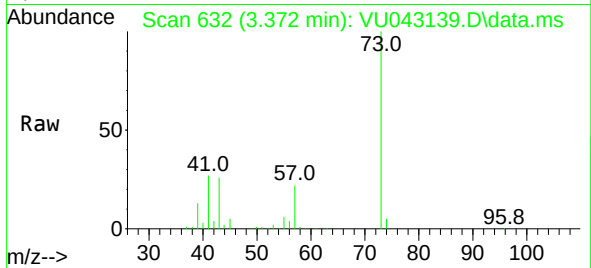
Delta R.T. 0.000 min

Lab File: VU043139.D

Acq: 15 Apr 2021 22:58

Tgt Ion: 73	Resp: 89530
Ion Ratio	Lower Upper
73	100
43	25.6 15.0 22.4#
57	21.7 17.3 25.9

Instrument :
MSVOA_U
ClientSampled :



#19

1,1-Dichloroethane

Concen: 0.10 ug/L

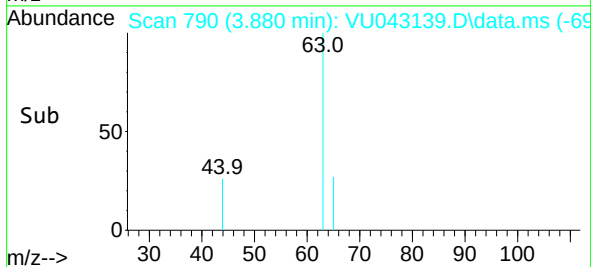
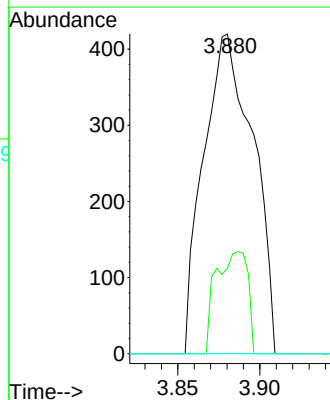
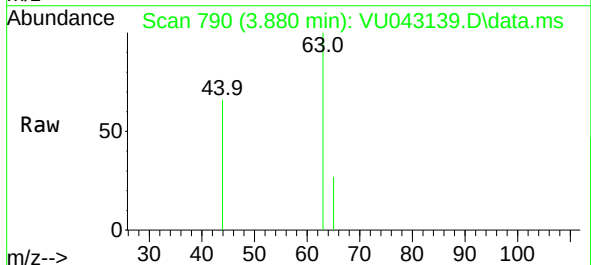
RT: 3.880 min Scan# 790

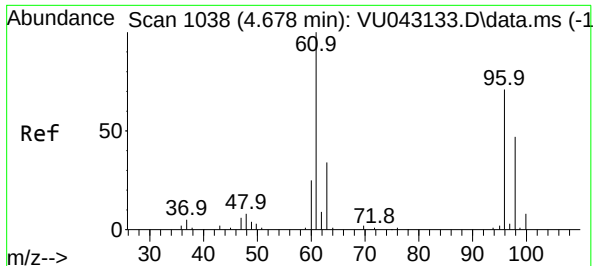
Delta R.T. 0.000 min

Lab File: VU043139.D

Acq: 15 Apr 2021 22:58

Tgt Ion: 63	Resp: 879
Ion Ratio	Lower Upper
63	100
65	26.7 23.2 43.0
83	0.0 9.9 18.3#





#22

cis-1,2-Dichloroethene

Concen: 0.78 ug/L

RT: 4.678 min Scan# 1038

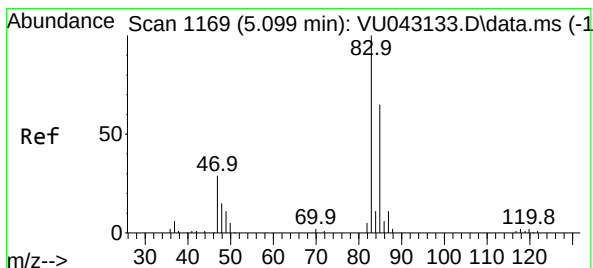
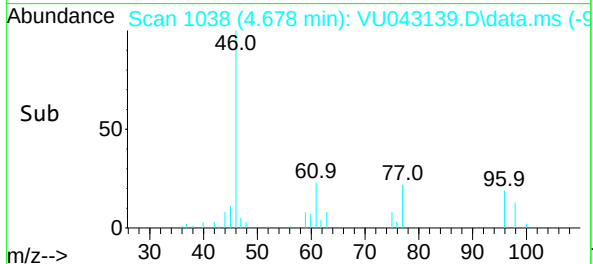
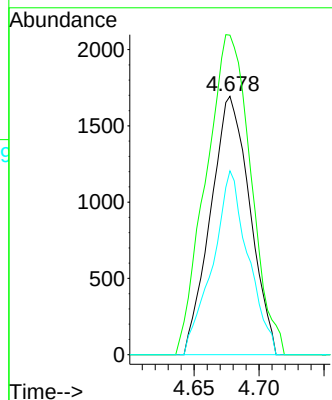
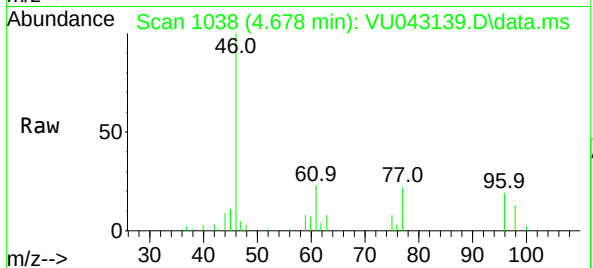
Delta R.T. 0.000 min

Lab File: VU043139.D

Acq: 15 Apr 2021 22:58

Tgt Ion:	96	Resp:	3555
Ion	Ratio	Lower	Upper
96	100		
61	123.7	87.4	162.4
98	71.1	47.7	88.5

Instrument :
MSVOA_U
ClientSampled :



#25

Chloroform

Concen: 0.20 ug/L

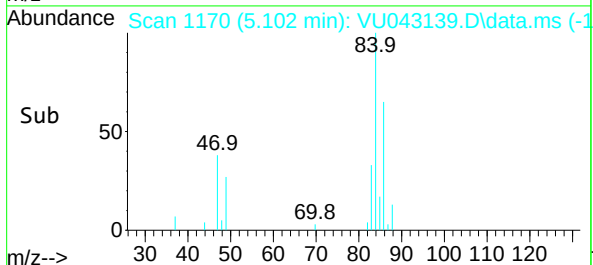
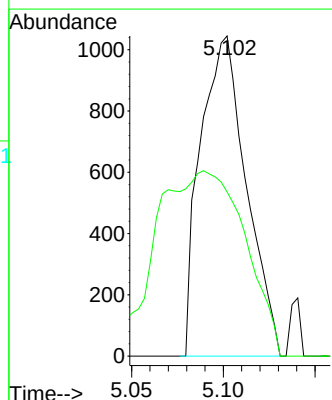
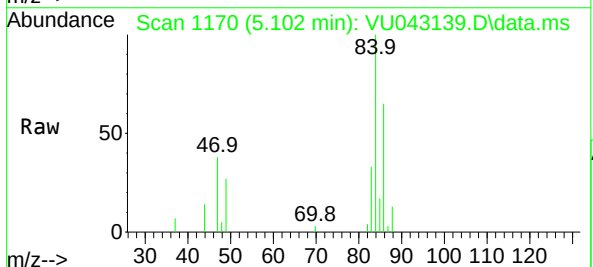
RT: 5.102 min Scan# 1170

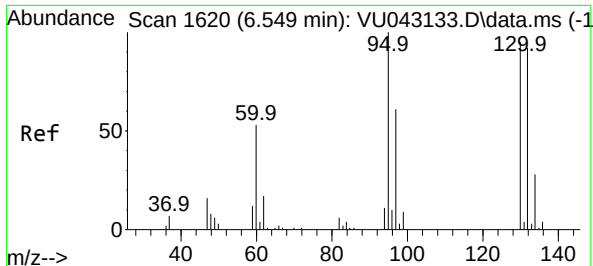
Delta R.T. 0.003 min

Lab File: VU043139.D

Acq: 15 Apr 2021 22:58

Tgt Ion:	83	Resp:	1816
Ion	Ratio	Lower	Upper
83	100		
85	51.3	45.6	84.8



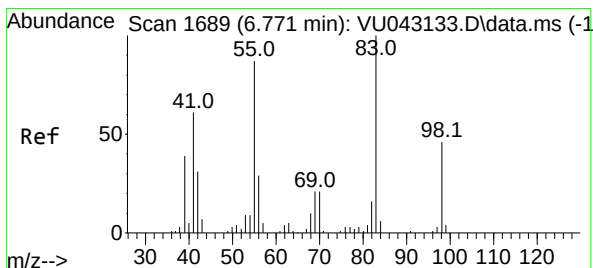
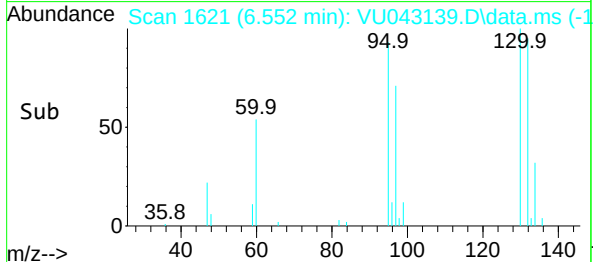
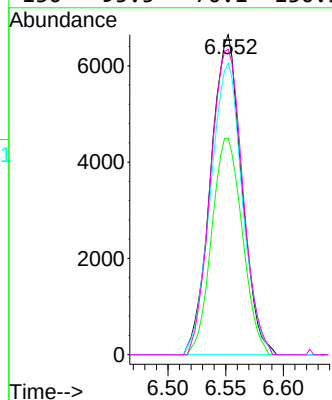
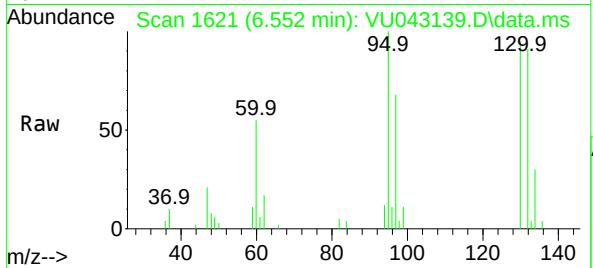


#34
Trichloroethene
Concen: 2.61 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043139.D
Acq: 15 Apr 2021 22:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 12408

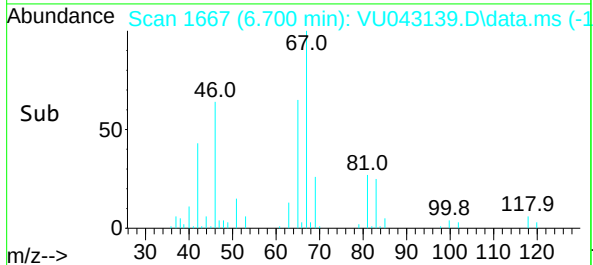
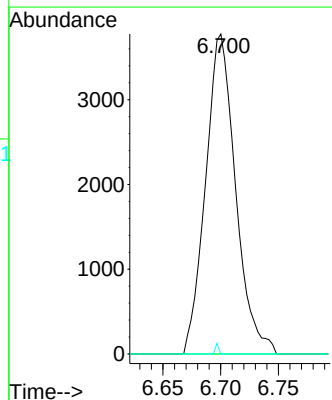
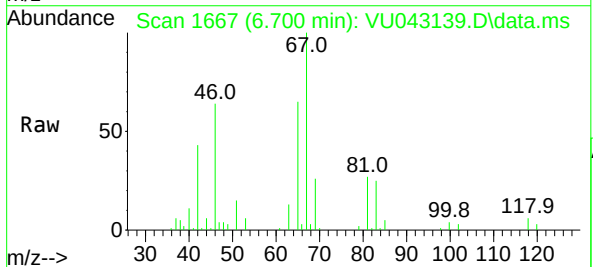
Ion	Ratio	Lower	Upper
95	100		
97	67.6	45.8	85.2
132	91.1	68.7	127.7
130	95.5	70.1	130.3

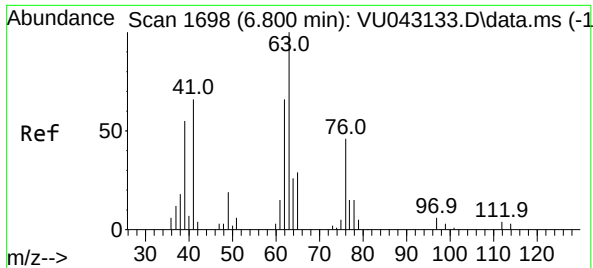


#35
Methylcyclohexane
Concen: 1.04 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043139.D
Acq: 15 Apr 2021 22:58

Tgt Ion: 83 Resp: 6830

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.4	37.9	56.9#

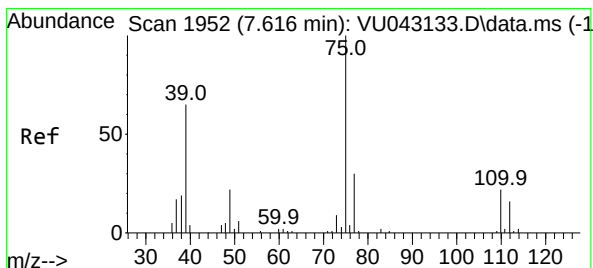
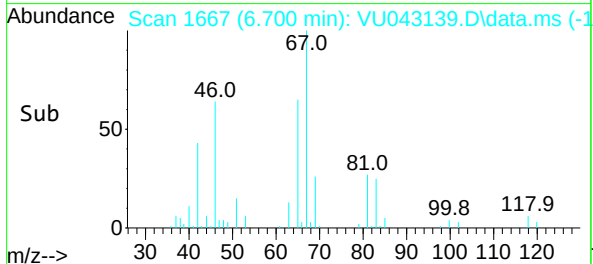
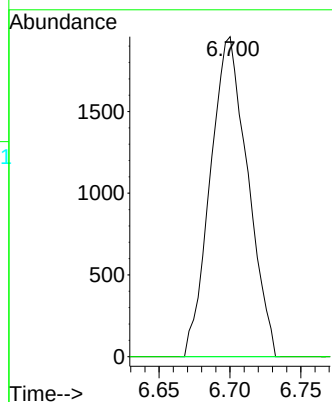
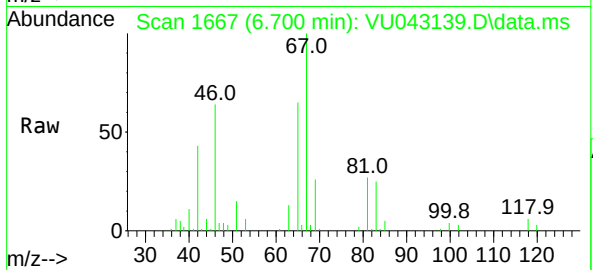




#37
1,2-Dichloropropane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043139.D
Acq: 15 Apr 2021 22:58

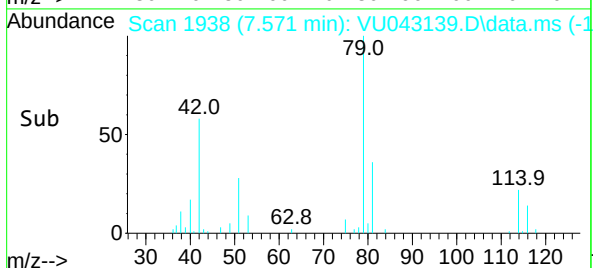
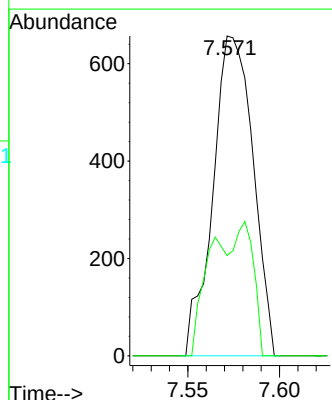
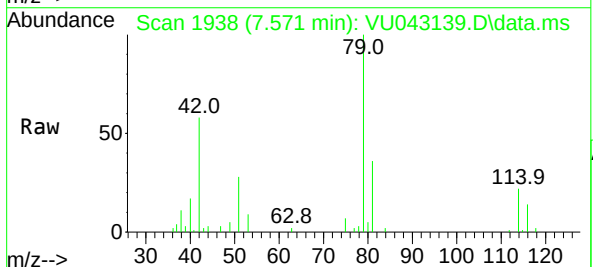
Instrument :
MSVOA_U
ClientSampleId :

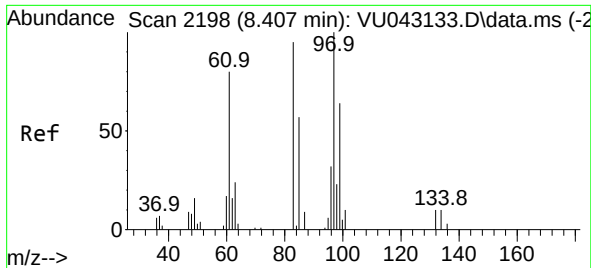
Tgt Ion: 63 Resp: 3590
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.14 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043139.D
Acq: 15 Apr 2021 22:58

Tgt Ion: 75 Resp: 999
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6



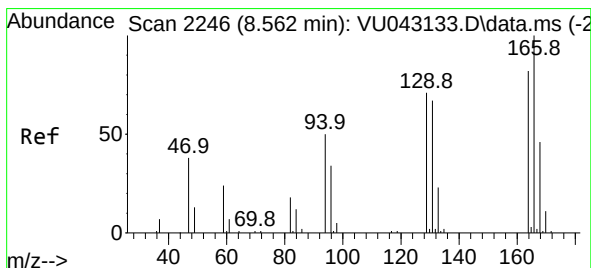
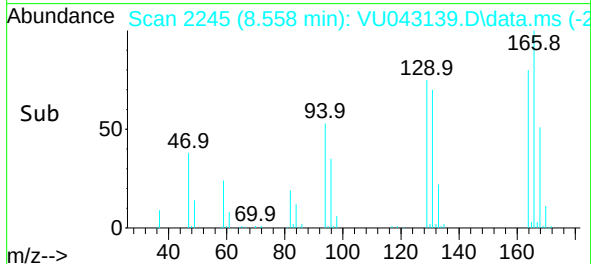
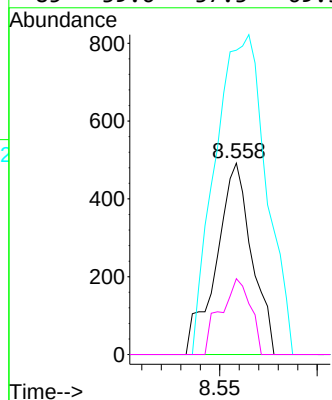
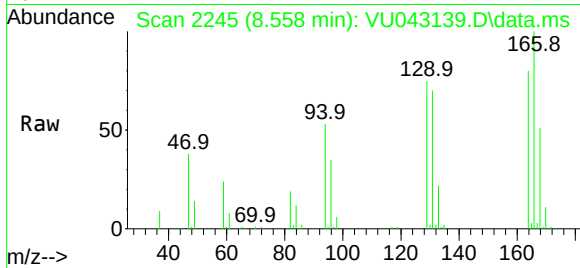


#45
1,1,2-Trichloroethane
Concen: 0.17 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU043139.D
Acq: 15 Apr 2021 22:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 622

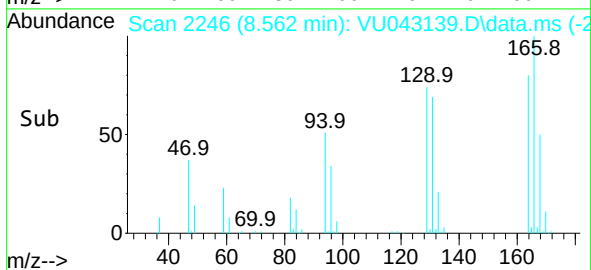
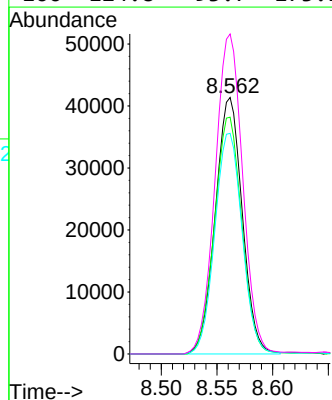
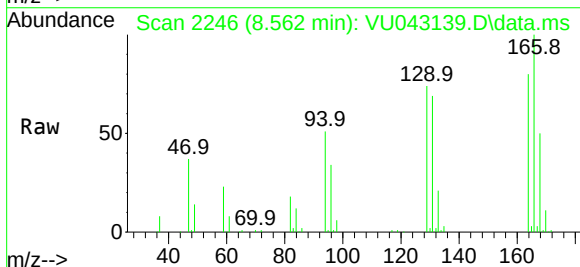
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.0#
83	158.9	60.1	111.7#
85	39.6	37.3	69.3

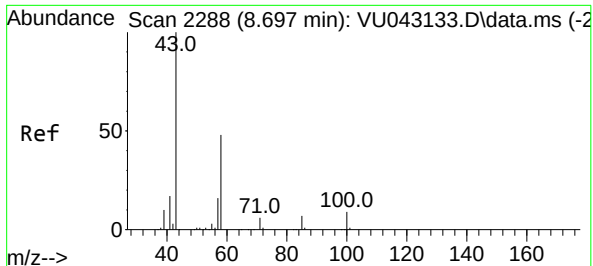


#47
Tetrachloroethene
Concen: 18.50 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043139.D
Acq: 15 Apr 2021 22:58

Tgt Ion: 164 Resp: 69818

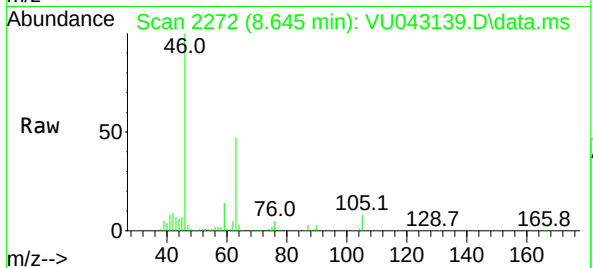
Ion	Ratio	Lower	Upper
164	100		
129	92.3	66.6	123.8
131	86.1	65.9	122.3
166	124.8	93.7	173.9



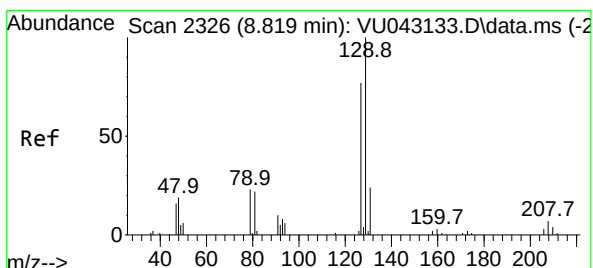
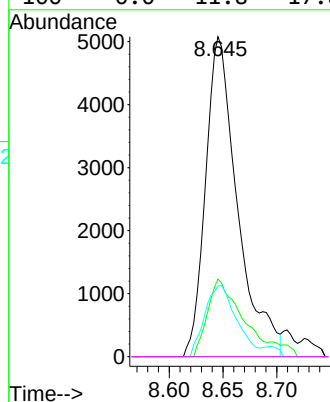
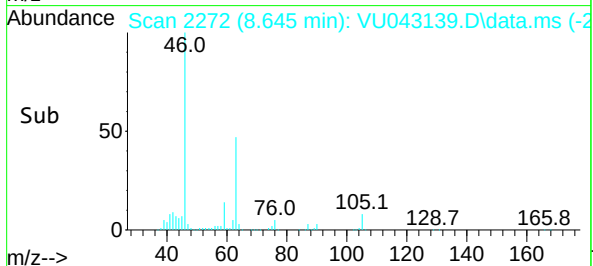


#48
2-Hexanone
Concen: 3.27 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU043139.D
Acq: 15 Apr 2021 22:58

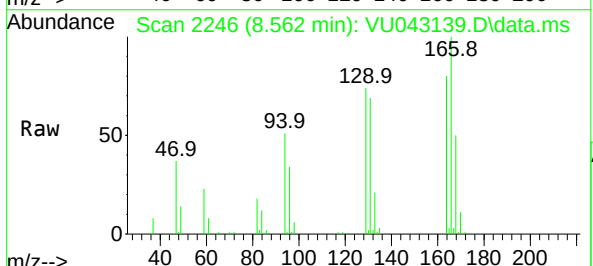
Instrument :
MSVOA_U
ClientSampleId :



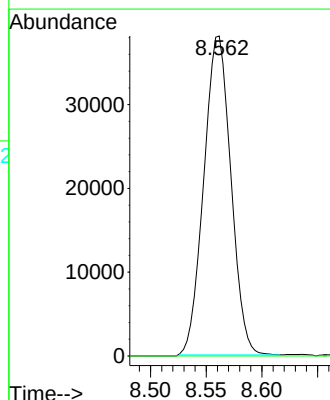
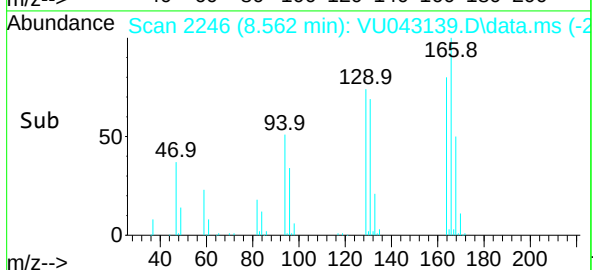
Tgt Ion: 43 Resp: 10472
Ion Ratio Lower Upper
43 100
58 28.2 50.0 75.0#
57 22.2 17.4 26.0
100 0.0 11.8 17.8#

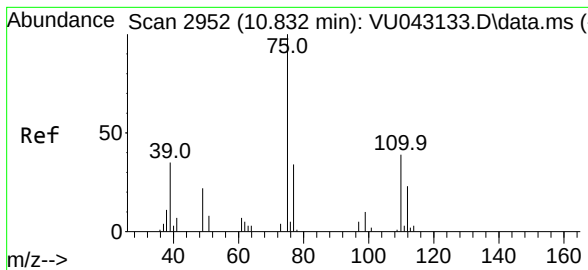


#49
Dibromochloromethane
Concen: 14.04 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043139.D
Acq: 15 Apr 2021 22:58



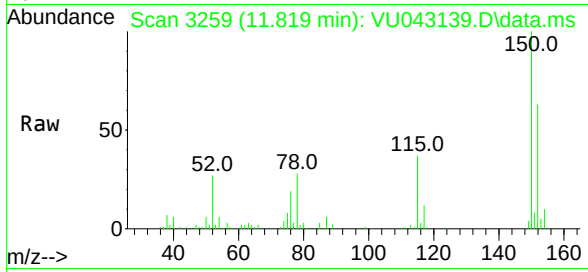
Tgt Ion: 129 Resp: 64386
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.25 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043139.D
 Acq: 15 Apr 2021 22:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3998
 Ion Ratio Lower Upper
 75 100
 110 1.2 31.5 47.3#
 77 38.1 26.3 39.5

