

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043144.D
 Acq On : 16 Apr 2021 00:58
 Operator : SY/MD
 Sample : M2055-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 07:17:15 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	60773	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	60504	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	28652	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17293	5.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.00%
7) Chloroethane-d5	1.919	69	16513	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.572	65	10787	6.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.60%
20) 2-Butanone-d5	4.649	46	66885	49.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	5.073	84	46713	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.80%
26) 1,2-Dichloroethane-d4	5.713	65	31732	5.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.40%
32) Benzene-d6	5.736	84	84559	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.00%
36) 1,2-Dichloropropane-d6	6.700	67	28638	6.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.60%
41) Toluene-d8	7.906	98	76550	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloroprop...	8.189	79	11675	5.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	113.20%
46) 2-Hexanone-d5	8.645	63	64826	63.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.00%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25635	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.80%#
66) 1,2-Dichlorobenzene-d4	12.201	152	30104	6.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.60%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.395	85	599	0.15	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	447	0.11	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	585	0.17	ug/L #	1
13) Acetone	2.655	43	2475	2.49	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	30389	2.75	ug/L #	91
22) cis-1,2-Dichloroethene	4.678	96	1440	0.34	ug/L	79
25) Chloroform	5.096	83	1887	0.23	ug/L	87
27) 1,2-Dichloroethane	5.732	62	612	0.10	ug/L #	74
34) Trichloroethene	6.552	95	8304	1.86	ug/L	97
35) Methylcyclohexane	6.697	83	6407	1.04	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	3584	0.79	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	986	0.15	ug/L #	71
45) 1,1,2-Trichloroethane	8.559	97	557	0.16	ug/L #	39
47) Tetrachloroethene	8.562	164	62333	17.64	ug/L	97
48) 2-Hexanone	8.649	43	10780	3.60	ug/L #	67
49) Dibromochloromethane	8.562	129	59138	13.77	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	3566	1.20	ug/L #	60

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

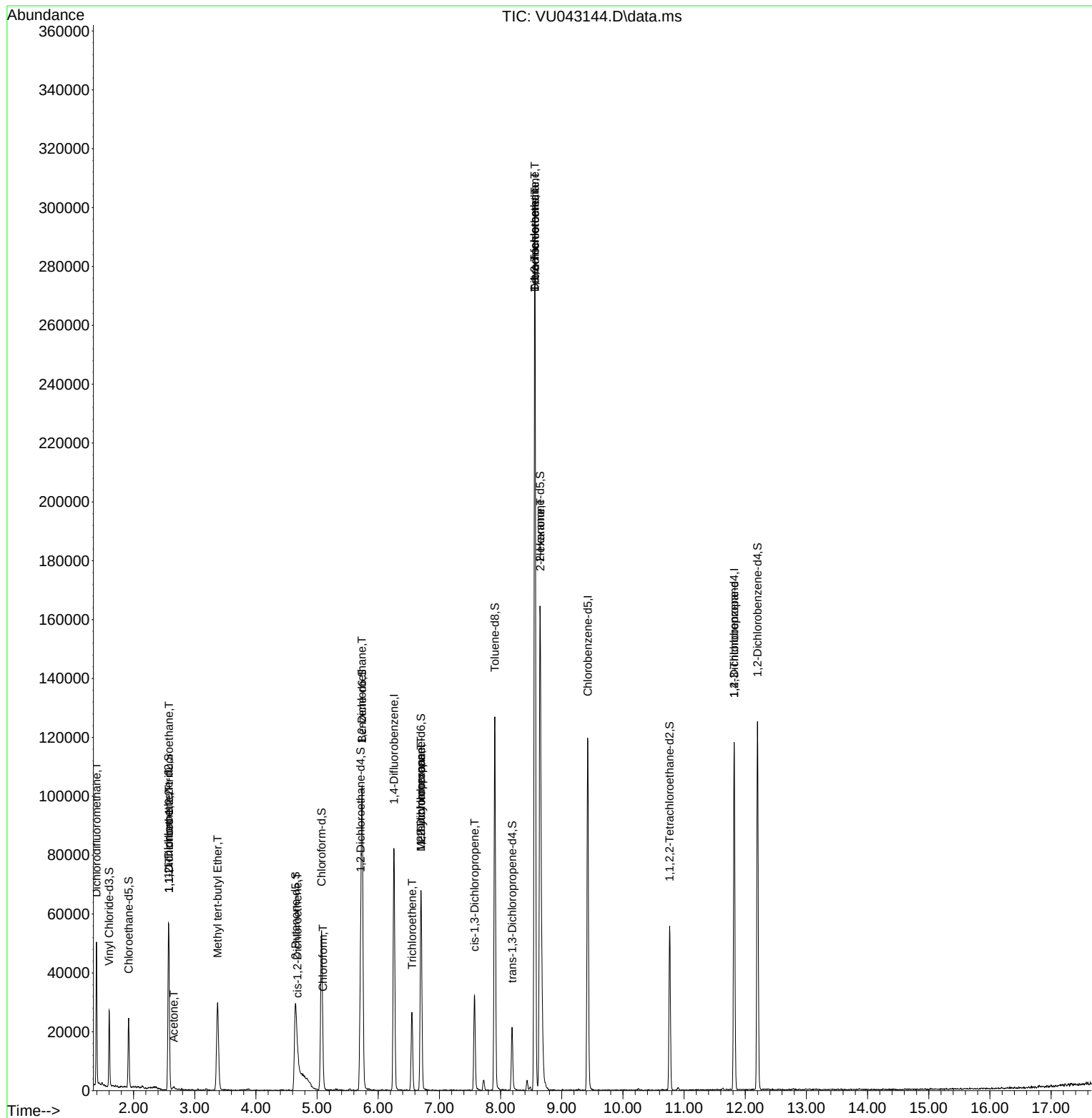
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

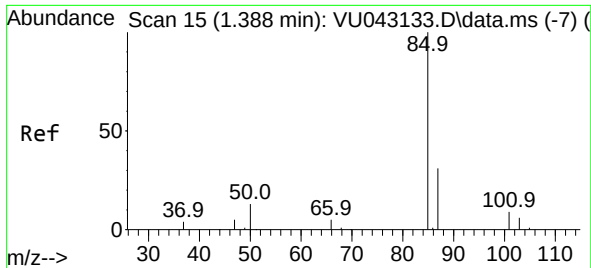
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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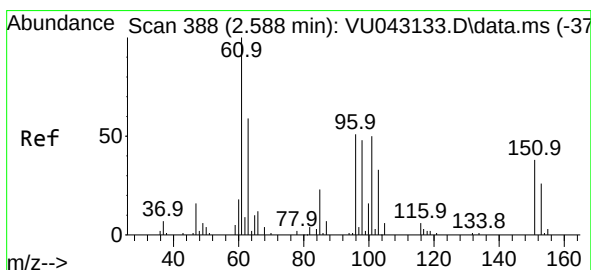
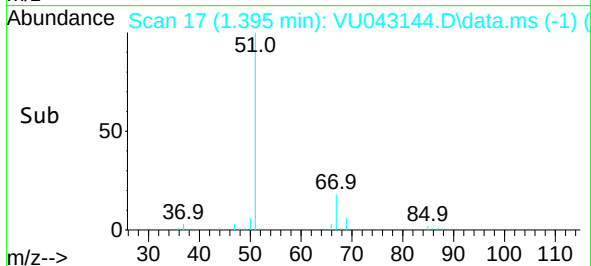
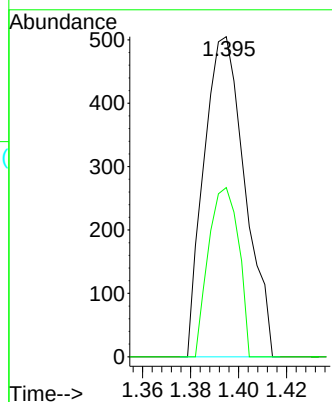
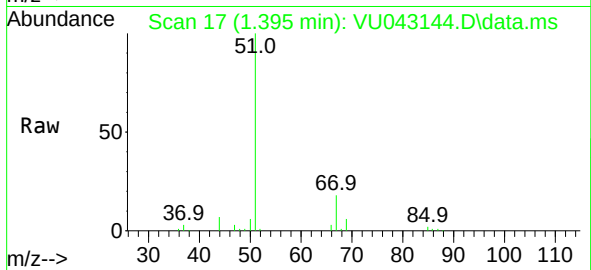




#2
Dichlorodifluoromethane
Concen: 0.15 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

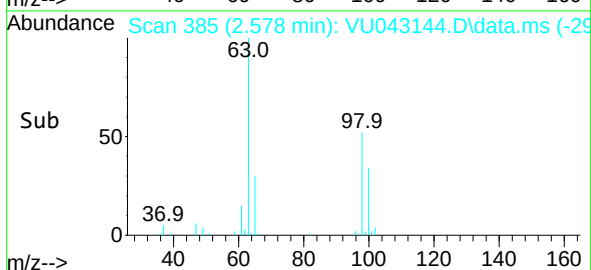
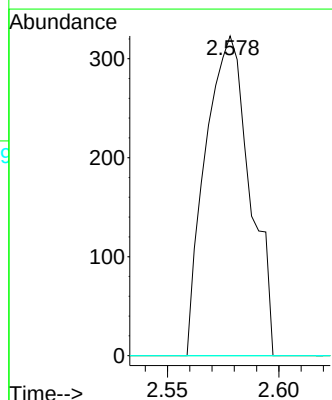
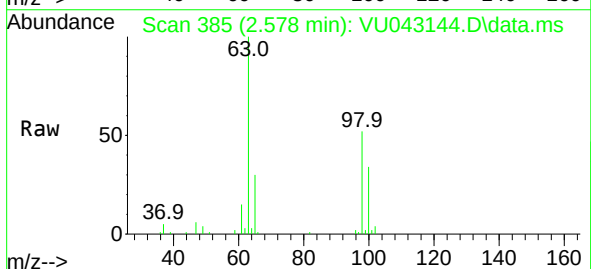
Instrument :
MSVOA_U
ClientSampleId :

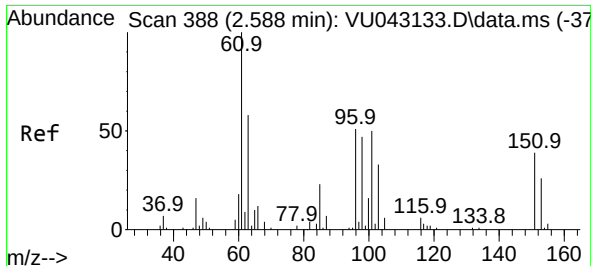
Tgt Ion: 85 Resp: 599
Ion Ratio Lower Upper
85 100
87 38.9 26.3 39.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.11 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion:101 Resp: 447
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 57.4 86.2#





#12

1,1-Dichloroethene

Concen: 0.17 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

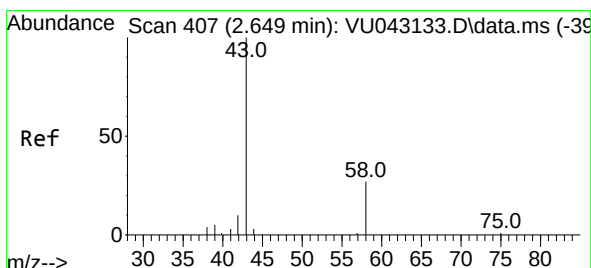
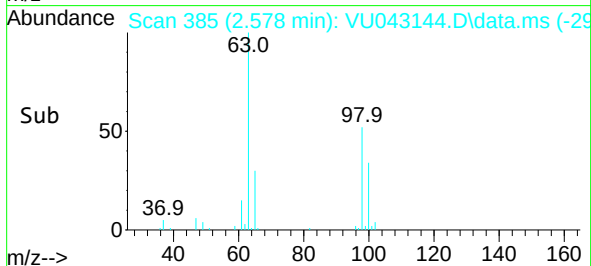
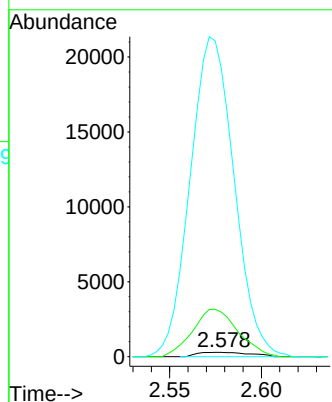
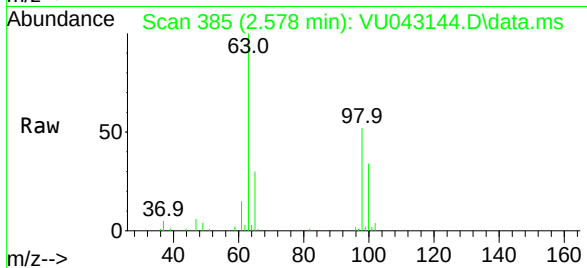
Lab File: VU043144.D

Acq: 16 Apr 2021 00:58

Tgt Ion: 96 Resp: 585

Ion	Ratio	Lower	Upper
96	100		
61	1020.5	115.1	213.7#
63	6605.5	84.1	156.1#

Instrument :
MSVOA_U
ClientSampled :



#13

Acetone

Concen: 2.49 ug/L

RT: 2.655 min Scan# 409

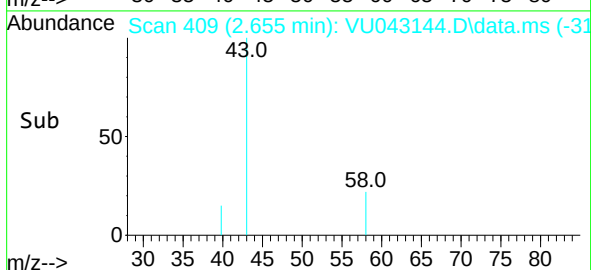
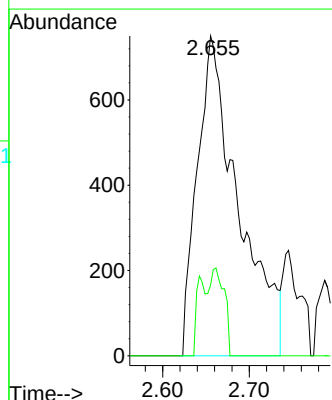
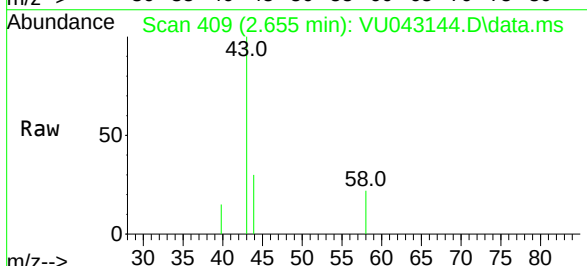
Delta R.T. 0.007 min

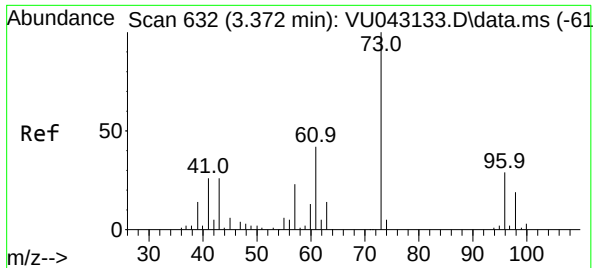
Lab File: VU043144.D

Acq: 16 Apr 2021 00:58

Tgt Ion: 43 Resp: 2475

Ion	Ratio	Lower	Upper
43	100		
58	9.3	0.0	25.0



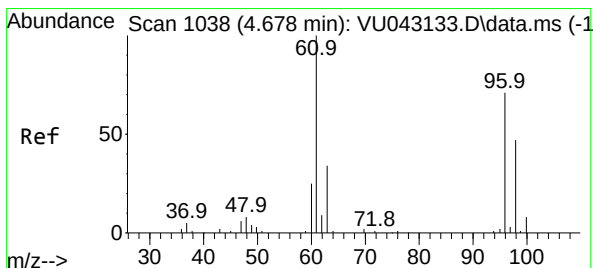
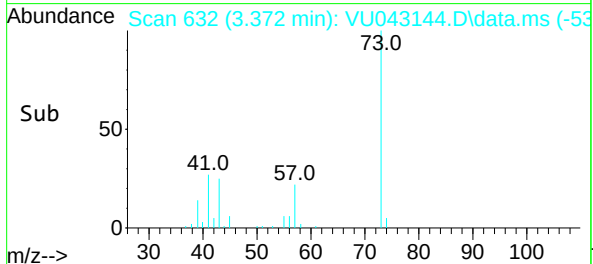
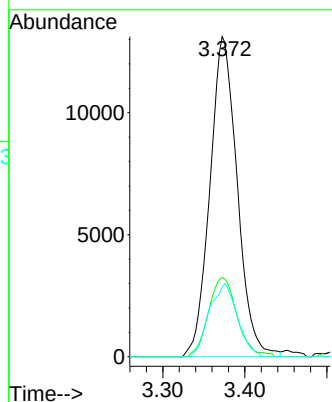
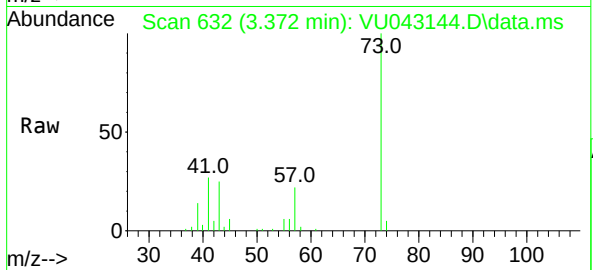


#17
Methyl tert-butyl Ether
Concen: 2.75 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 73 Resp: 30389

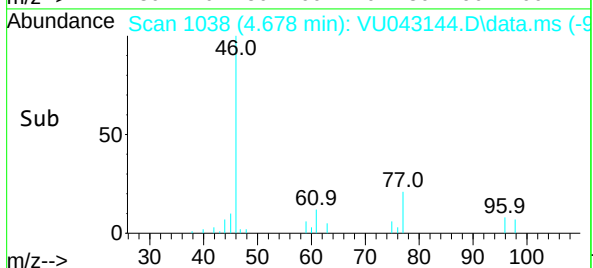
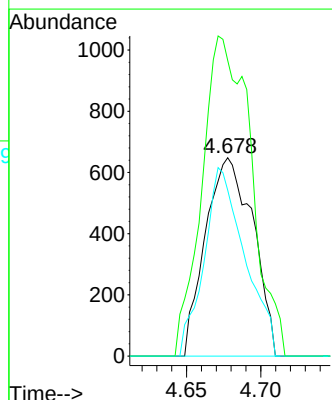
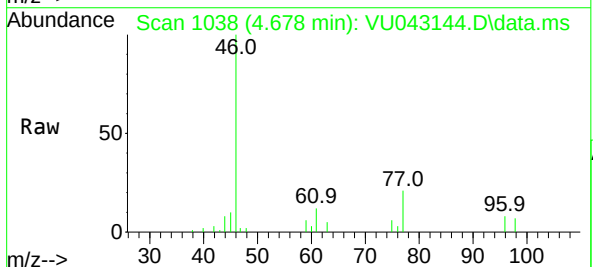
Ion	Ratio	Lower	Upper
73	100		
43	25.8	15.0	22.4#
57	23.4	17.3	25.9

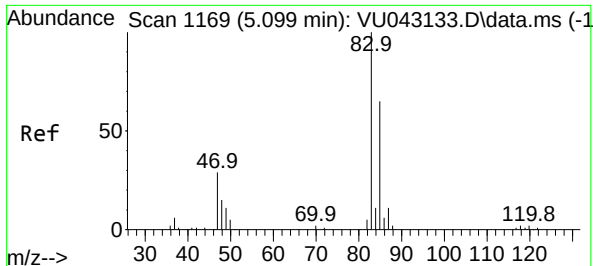


#22
cis-1,2-Dichloroethene
Concen: 0.34 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion: 96 Resp: 1440

Ion	Ratio	Lower	Upper
96	100		
61	149.1	87.4	162.4
98	83.6	47.7	88.5

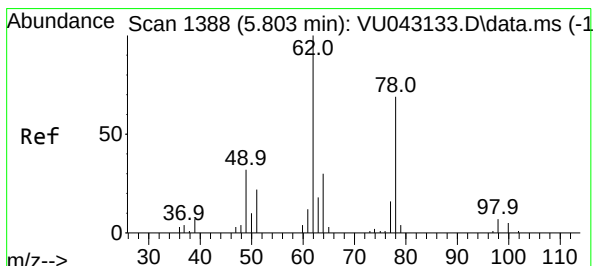
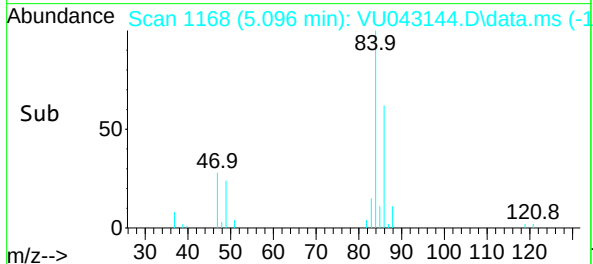
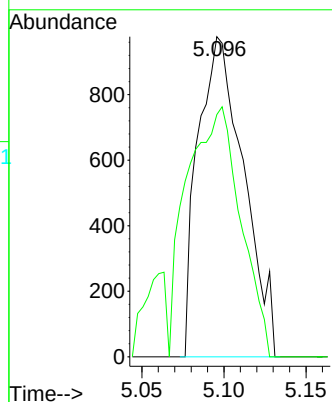
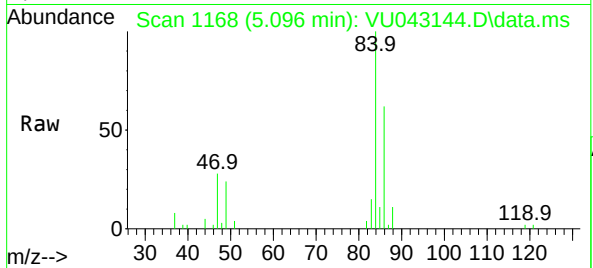




#25
Chloroform
Concen: 0.23 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

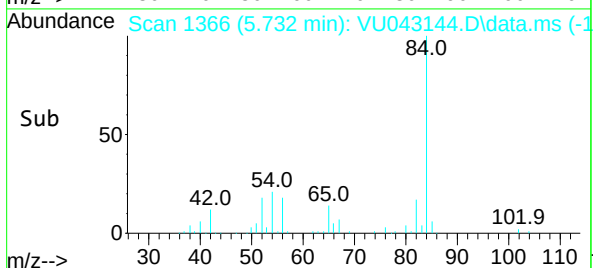
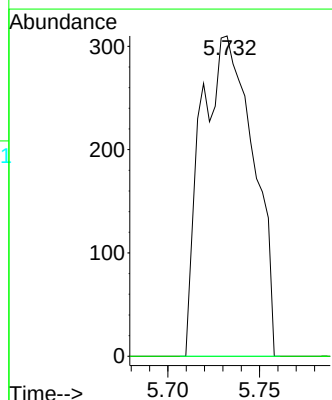
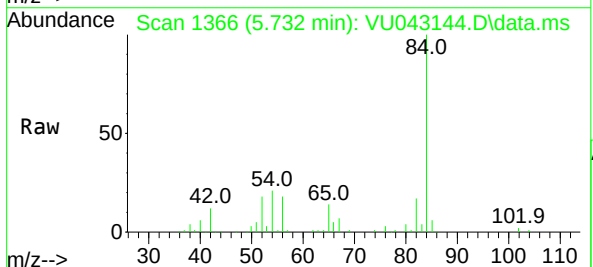
Instrument :
MSVOA_U
ClientSampleId :

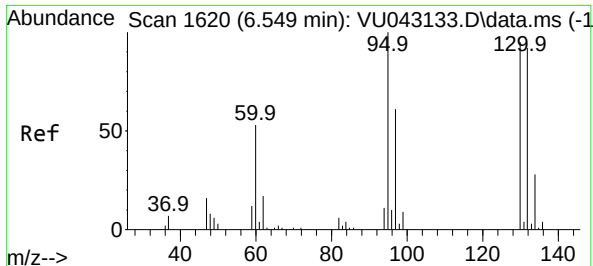
Tgt Ion: 83 Resp: 1887
Ion Ratio Lower Upper
83 100
85 75.6 45.6 84.8



#27
1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

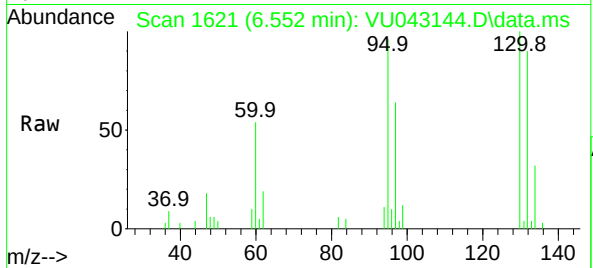
Tgt Ion: 62 Resp: 612
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





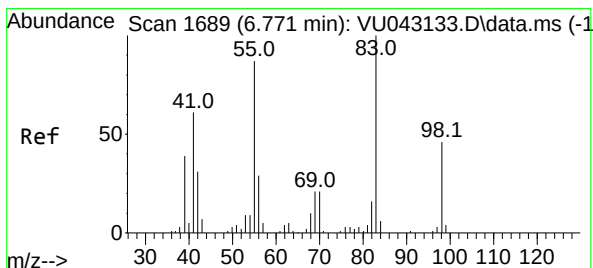
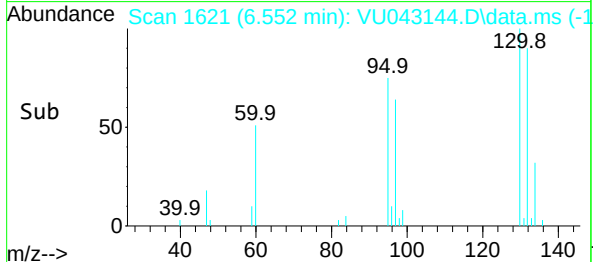
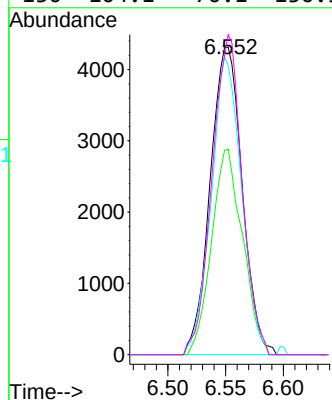
#34
Trichloroethene
Concen: 1.86 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 95 Resp: 8304

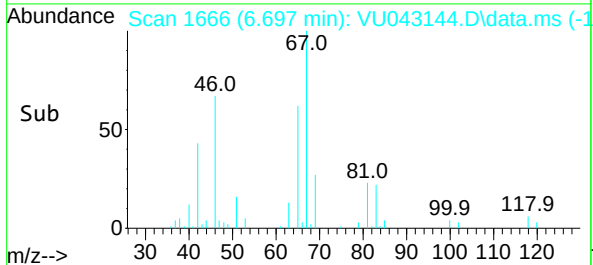
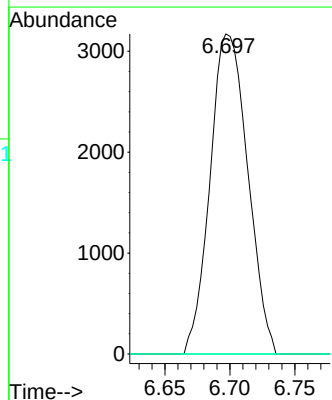
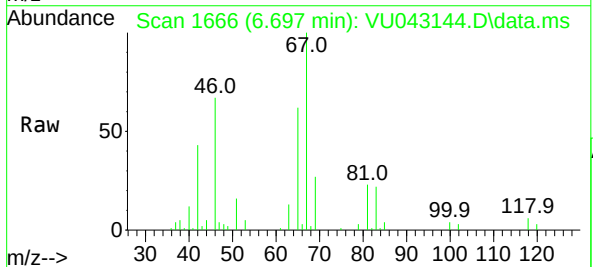
Ion	Ratio	Lower	Upper
95	100		
97	66.9	45.8	85.2
132	94.0	68.7	127.7
130	104.1	70.1	130.3

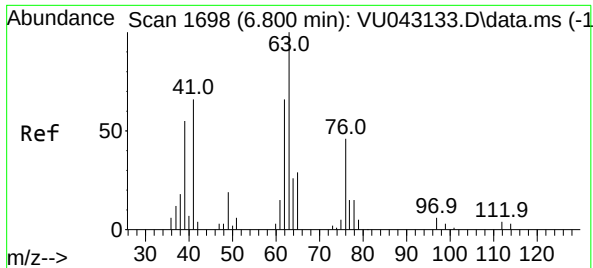


#35
Methylcyclohexane
Concen: 1.04 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion: 83 Resp: 6407

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	2.1	37.9	56.9#



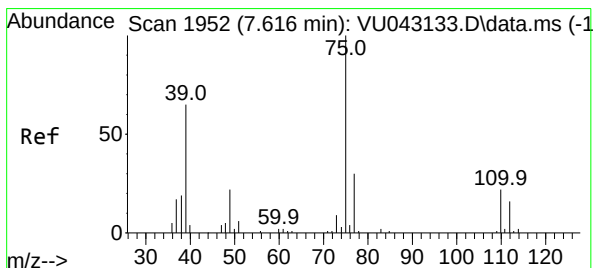
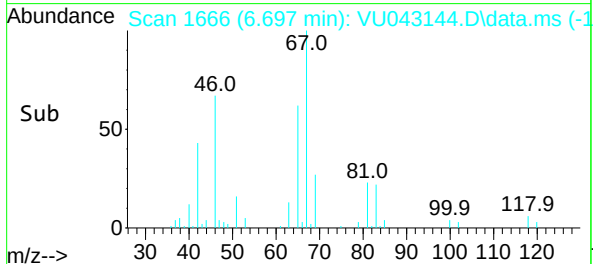
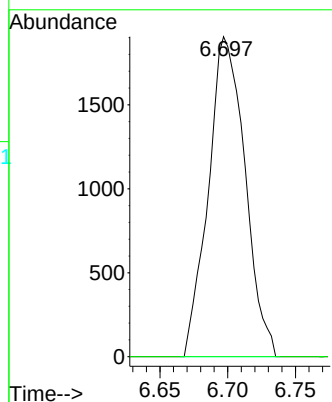
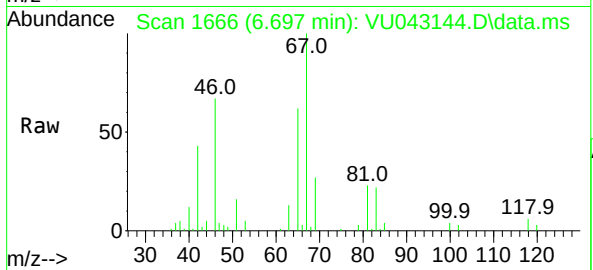


#37

1,2-Dichloropropane
Concen: 0.79 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Instrument :
MSVOA_U
ClientSampled :

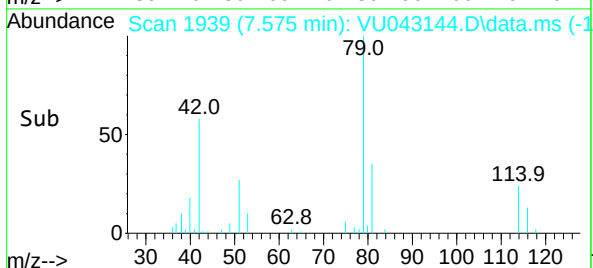
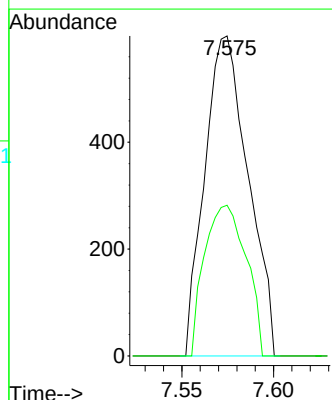
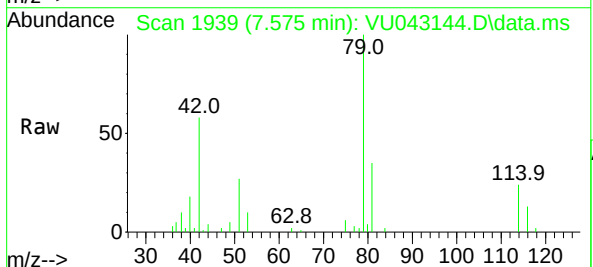
Tgt Ion: 63 Resp: 3584
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

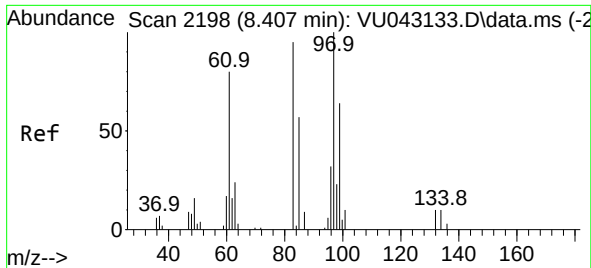


#39

cis-1,3-Dichloropropene
Concen: 0.15 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion: 75 Resp: 986
Ion Ratio Lower Upper
75 100
77 47.1 21.8 40.6#

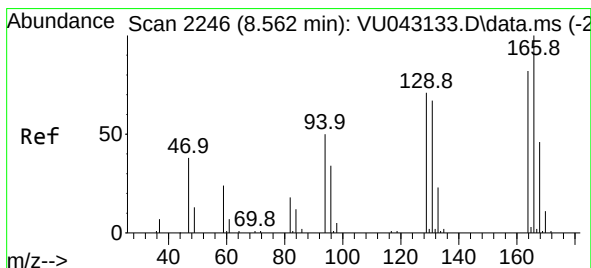
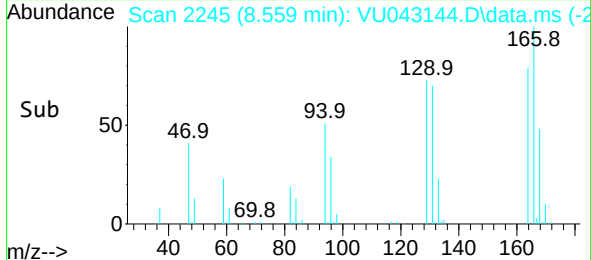
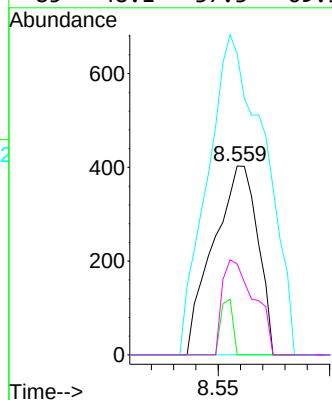
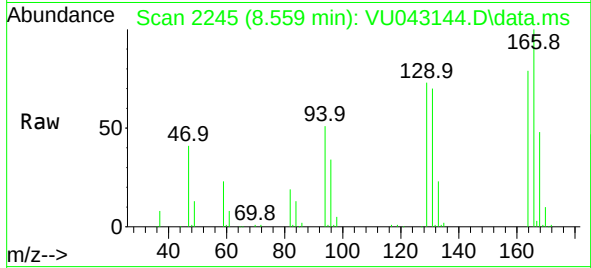




#45
1,1,2-Trichloroethane
Concen: 0.16 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

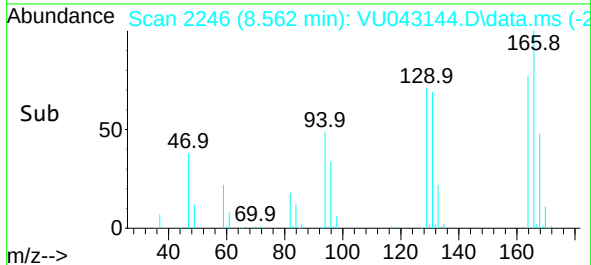
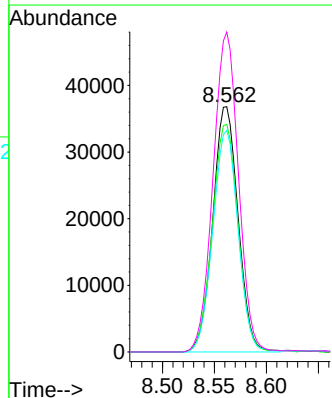
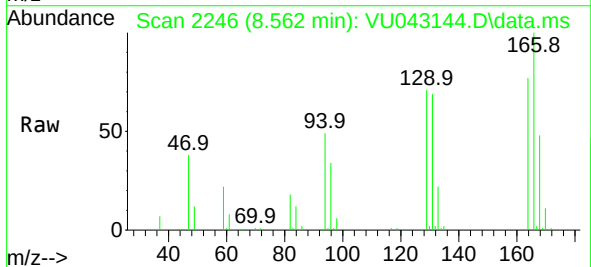
Instrument :
MSVOA_U
ClientSampled :

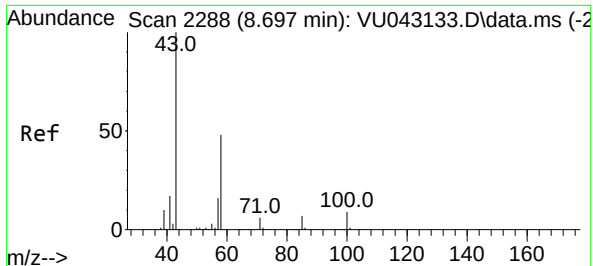
Tgt Ion: 97 Resp: 557
Ion Ratio Lower Upper
97 100
99 0.0 44.2 82.0#
83 159.3 60.1 111.7#
85 48.1 37.3 69.3



#47
Tetrachloroethene
Concen: 17.64 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

Tgt Ion: 164 Resp: 62333
Ion Ratio Lower Upper
164 100
129 92.8 66.6 123.8
131 90.3 65.9 122.3
166 130.5 93.7 173.9

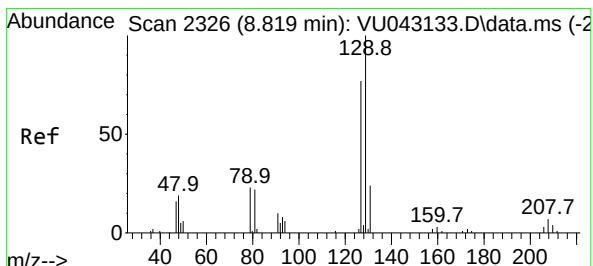
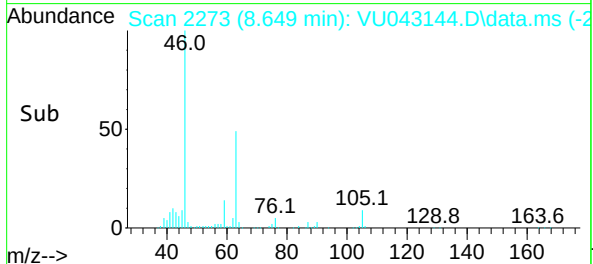
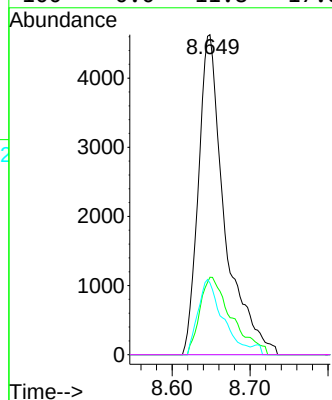
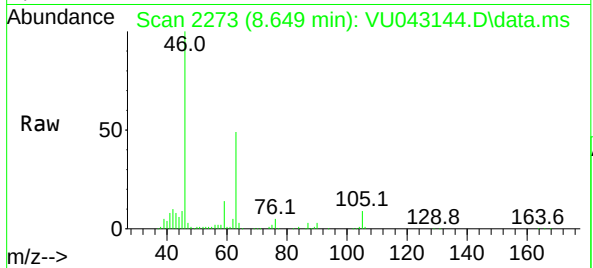




#48
2-Hexanone
Concen: 3.60 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

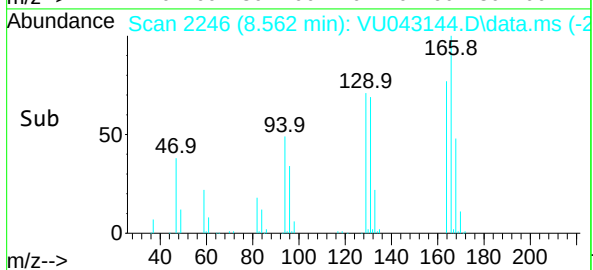
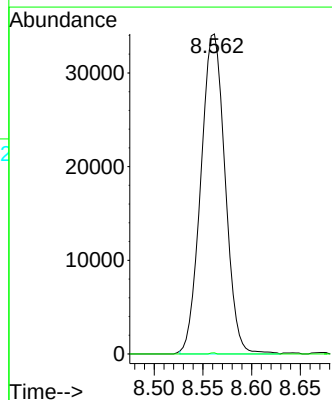
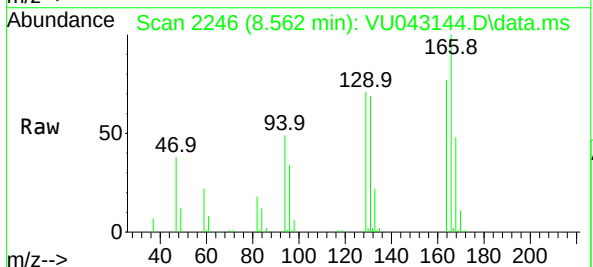
Instrument :
MSVOA_U
ClientSampleId :

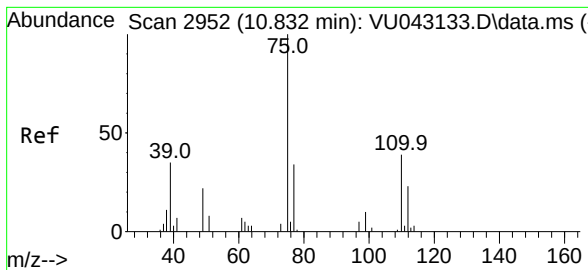
Tgt Ion: 43	Resp: 10780
Ion Ratio	Lower Upper
43 100	
58 29.2	50.0 75.0#
57 22.3	17.4 26.0
100 0.0	11.8 17.8#



#49
Dibromochloromethane
Concen: 13.77 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043144.D
Acq: 16 Apr 2021 00:58

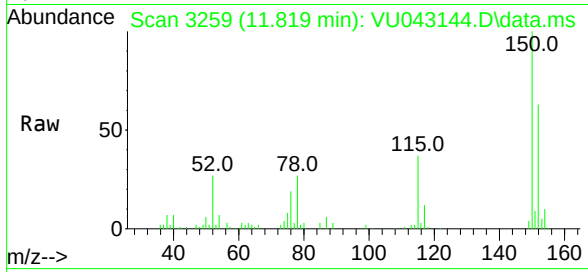
Tgt Ion: 129	Resp: 59138
Ion Ratio	Lower Upper
129 100	
127 0.3	56.6 105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.20 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043144.D
 Acq: 16 Apr 2021 00:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3566
 Ion Ratio Lower Upper
 75 100
 110 0.0 31.5 47.3#
 77 39.3 26.3 39.5

