

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043304.D
 Acq On : 23 Apr 2021 20:21
 Operator : SY/MD
 Sample : M2162-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 06:35:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 06:31:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	102179	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	102704	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47369	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24276	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.922	69	21852	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.575	65	16299	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.40%
20) 2-Butanone-d5	4.655	46	143785	63.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.18%
24) Chloroform-d	5.073	84	68006	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.713	65	44192	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.735	84	121926	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.700	67	41350	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.906	98	103336	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloroprop...	8.185	79	15736	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.642	63	84309	48.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35930	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	41962	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.395	85	2402	0.37	ug/L	98
3) Chloromethane	1.523	50	1121	0.17	ug/L	83
5) Vinyl chloride	1.610	62	1580	0.24	ug/L	# 1
8) Chloroethane	1.935	64	728	0.15	ug/L	# 51
13) Acetone	2.678	43	2589	1.55	ug/L	# 23
17) Methyl tert-butyl Ether	3.375	73	108258	5.83	ug/L	# 91
22) cis-1,2-Dichloroethene	4.678	96	7331	1.02	ug/L	89
25) Chloroform	5.102	83	2499	0.18	ug/L	89
29) 1,1,1-Trichloroethane	5.099	97	1036	0.08	ug/L	# 31
34) Trichloroethene	6.552	95	3314	0.44	ug/L	# 87
35) Methylcyclohexane	6.700	83	9442	0.90	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	5415	0.70	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	1374	0.12	ug/L	85
47) Tetrachloroethene	8.558	164	55624	9.28	ug/L	96
48) 2-Hexanone	8.693	43	7260	1.43	ug/L	# 78
49) Dibromochloromethane	8.558	129	52235	7.17	ug/L	# 9
61) 1,2,3-Trichloropropane	11.816	75	6068	1.24	ug/L	# 64

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Quant Time: Apr 24 06:35:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 24 06:31:00 2021
Response via : Initial Calibration

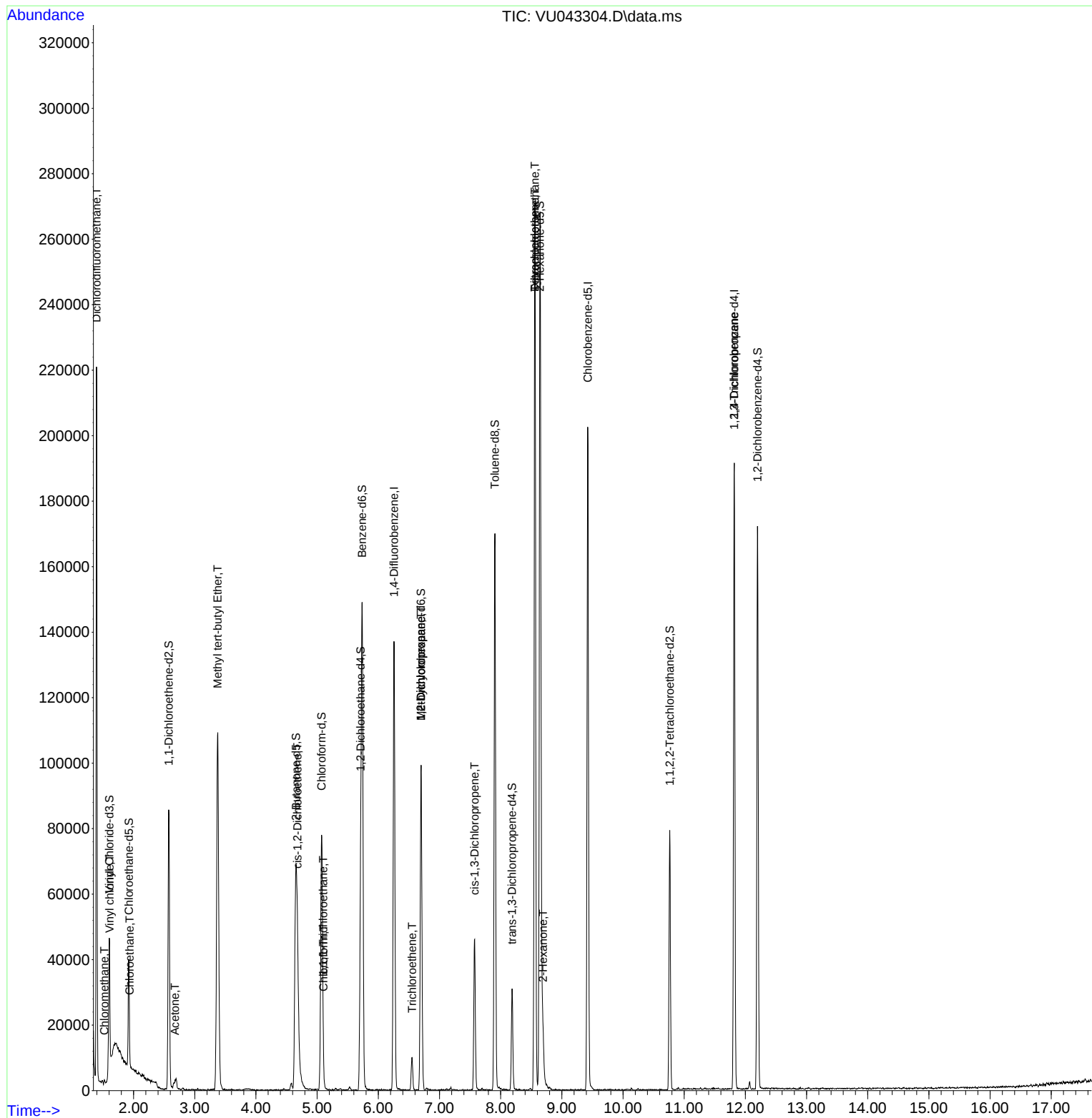
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

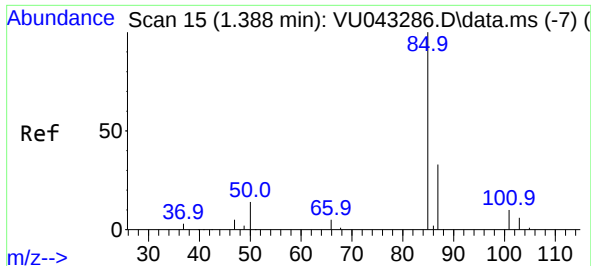
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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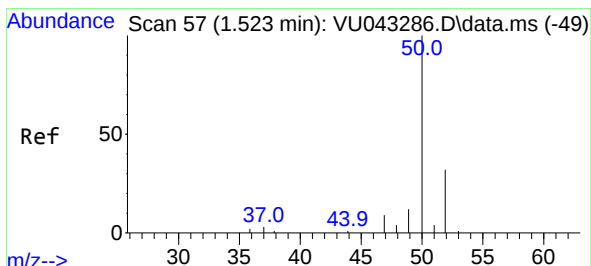
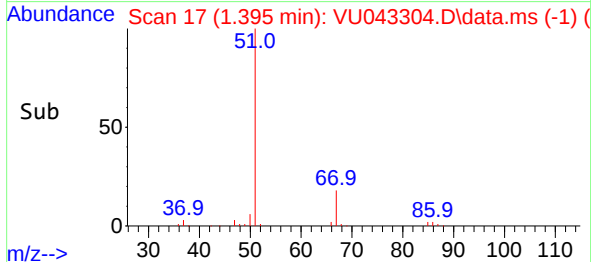
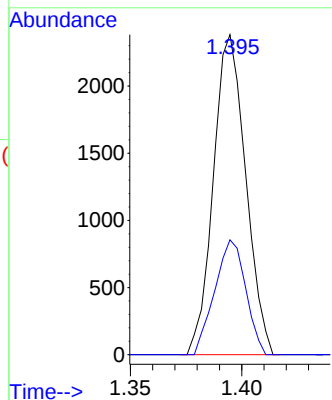
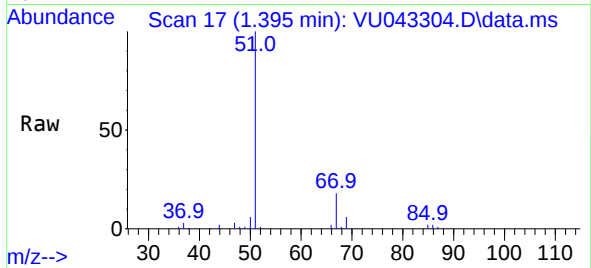




#2
Dichlorodifluoromethane
Concen: 0.37 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

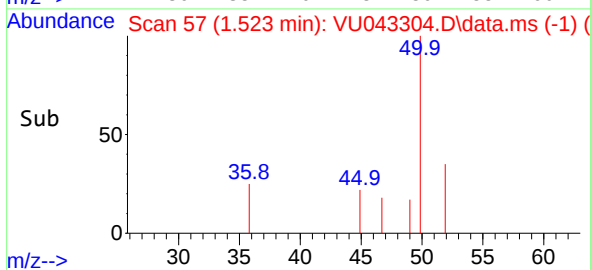
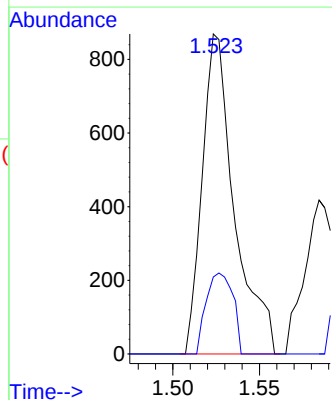
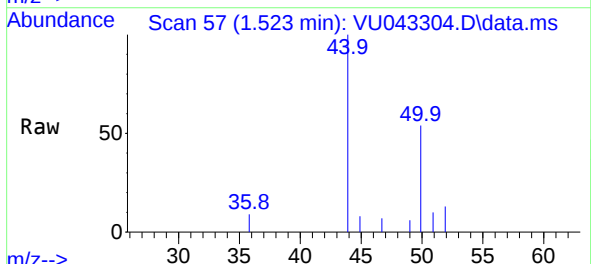
Instrument :
MSVOA_U
ClientSampled :

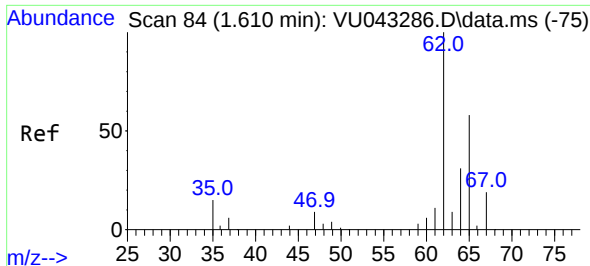
Tgt Ion: 85 Resp: 2402
Ion Ratio Lower Upper
85 100
87 34.3 26.3 39.5



#3
Chloromethane
Concen: 0.17 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

Tgt Ion: 50 Resp: 1121
Ion Ratio Lower Upper
50 100
52 24.1 23.6 43.8

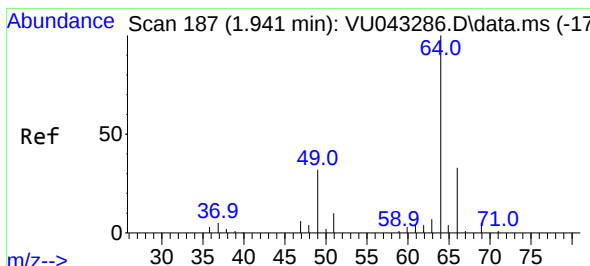
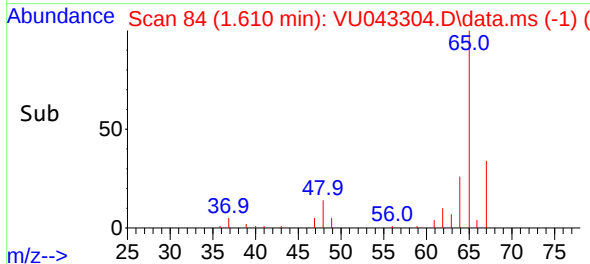
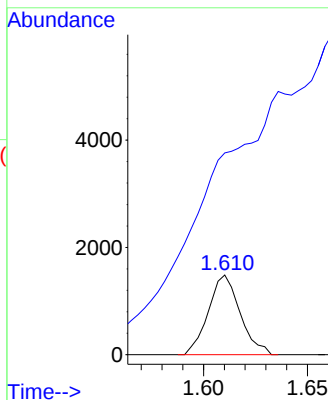
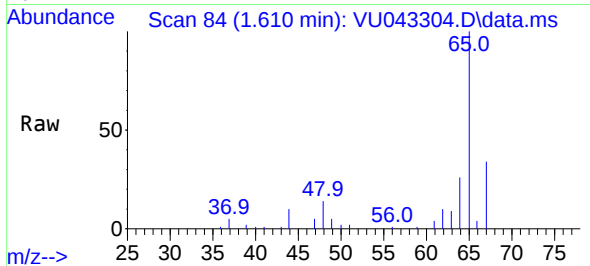




#5
 Vinyl chloride
 Concen: 0.24 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU043304.D
 Acq: 23 Apr 2021 20:21

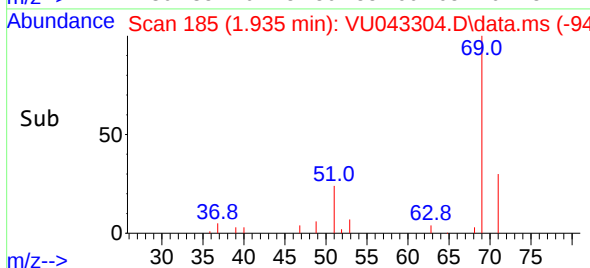
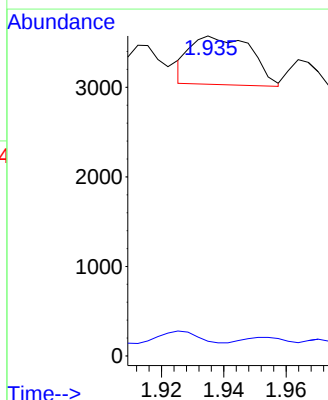
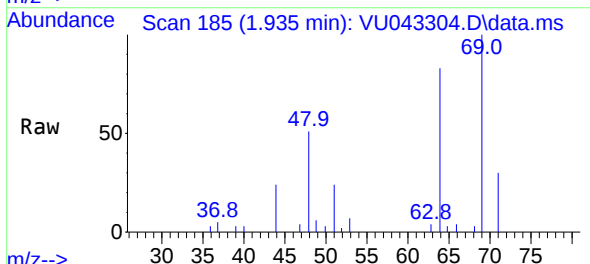
Instrument :
 MSVOA_U
 ClientSampled :

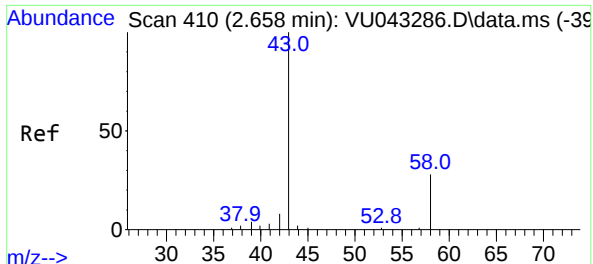
Tgt Ion: 62 Resp: 1580
 Ion Ratio Lower Upper
 62 100
 64 253.2 22.8 42.4#



#8
 Chloroethane
 Concen: 0.15 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.006 min
 Lab File: VU043304.D
 Acq: 23 Apr 2021 20:21

Tgt Ion: 64 Resp: 728
 Ion Ratio Lower Upper
 64 100
 66 4.4 22.4 41.6#

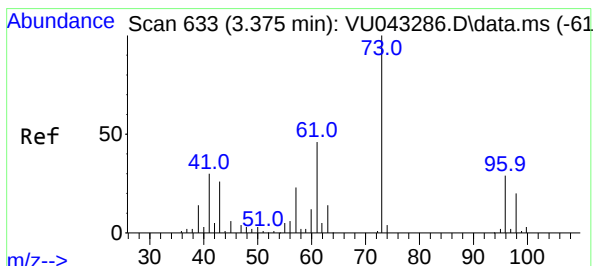
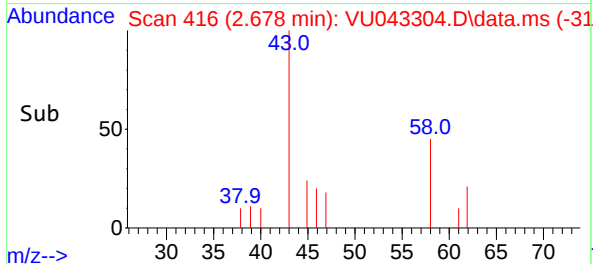
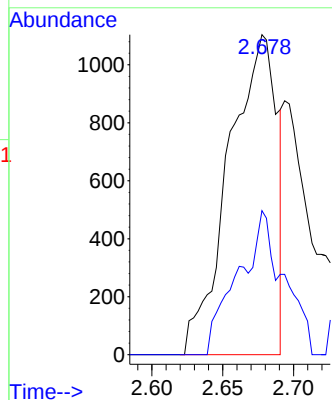
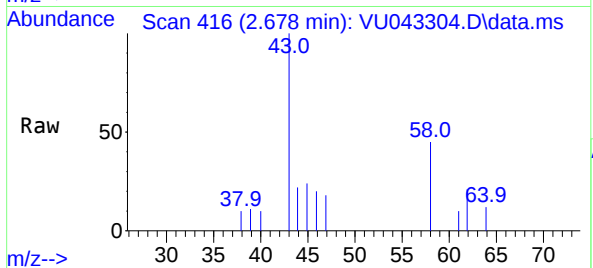




#13
Acetone
Concen: 1.55 ug/L
RT: 2.678 min Scan# 416
Delta R.T. 0.019 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

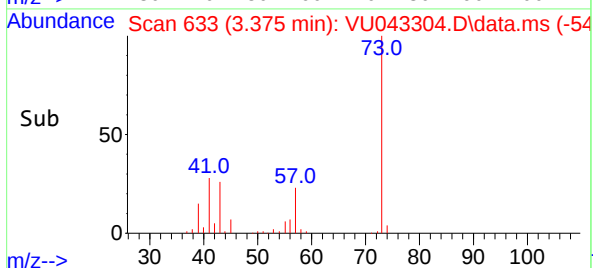
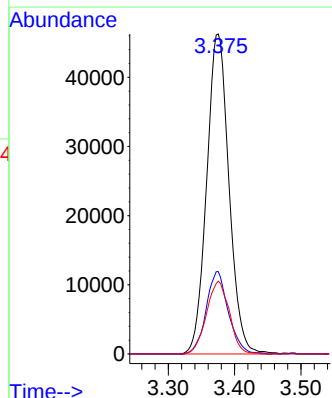
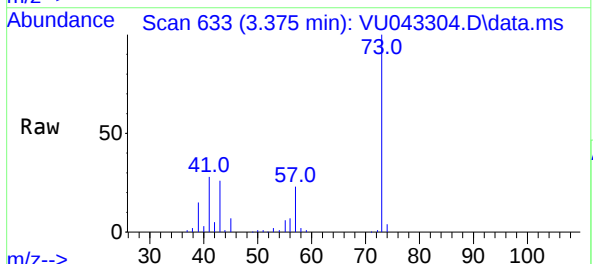
Instrument :
MSVOA_U
ClientSampled :

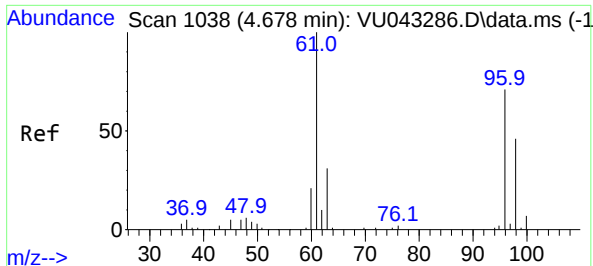
Tgt Ion: 43 Resp: 2589
Ion Ratio Lower Upper
43 100
58 42.8 0.0 25.0#



#17
Methyl tert-butyl Ether
Concen: 5.83 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

Tgt Ion: 73 Resp: 108258
Ion Ratio Lower Upper
73 100
43 25.7 15.0 22.4#
57 23.3 17.3 25.9

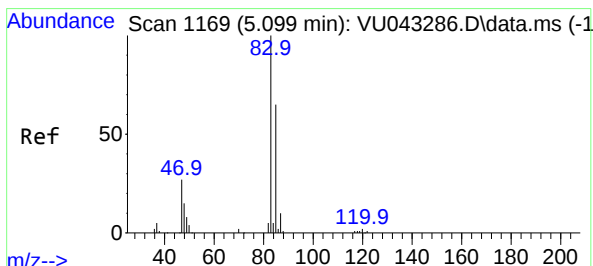
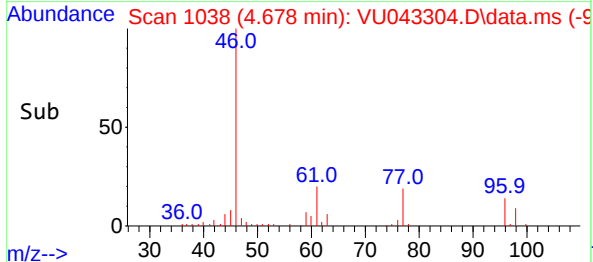
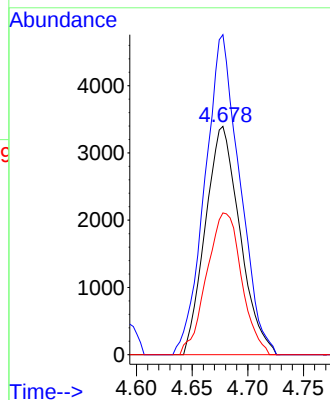
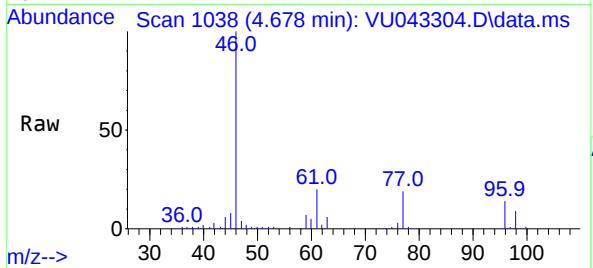




#22
cis-1,2-Dichloroethene
Concen: 1.02 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

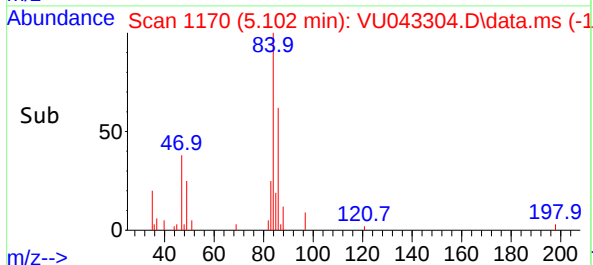
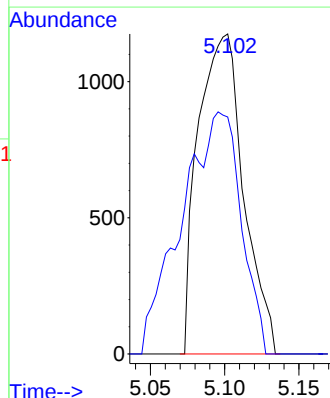
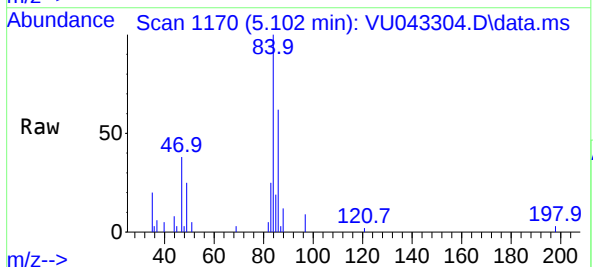
Instrument :
MSVOA_U
ClientSampled :

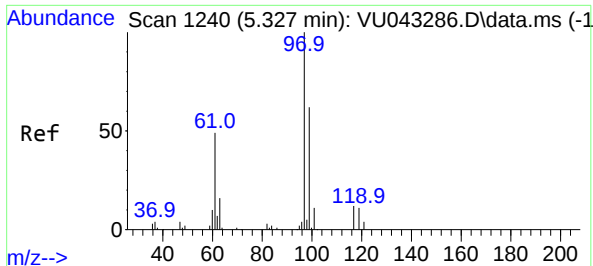
Tgt Ion: 96 Resp: 7331
Ion Ratio Lower Upper
96 100
61 140.2 87.4 162.4
98 62.1 47.7 88.5



#25
Chloroform
Concen: 0.18 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

Tgt Ion: 83 Resp: 2499
Ion Ratio Lower Upper
83 100
85 74.0 45.6 84.8

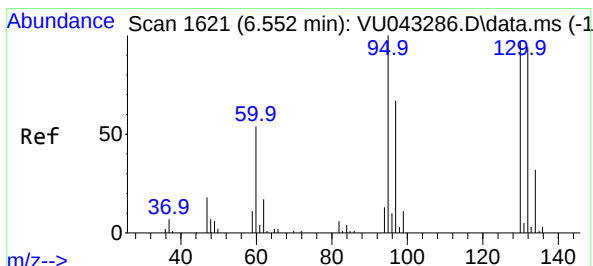
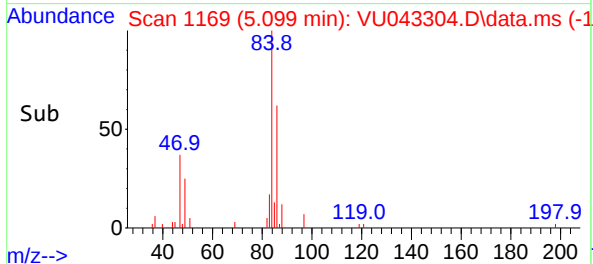
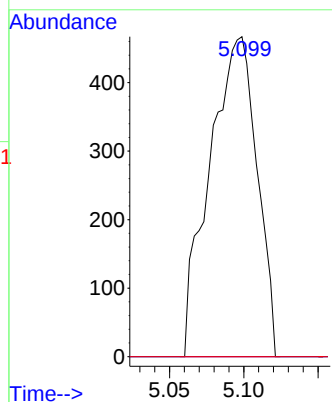
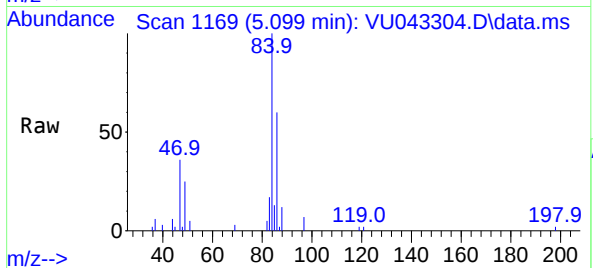




#29
1,1,1-Trichloroethane
Concen: 0.08 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.228 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

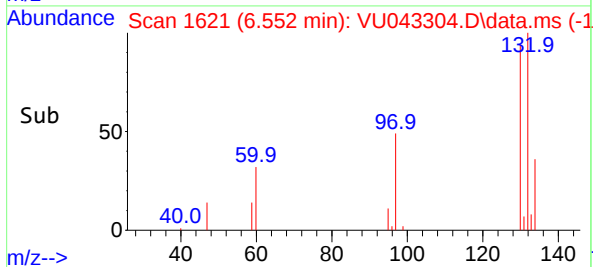
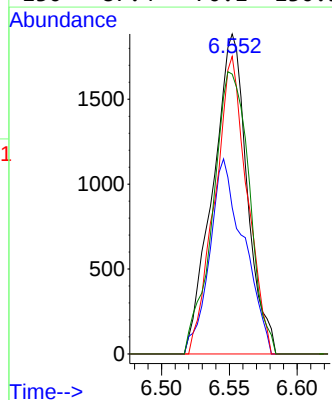
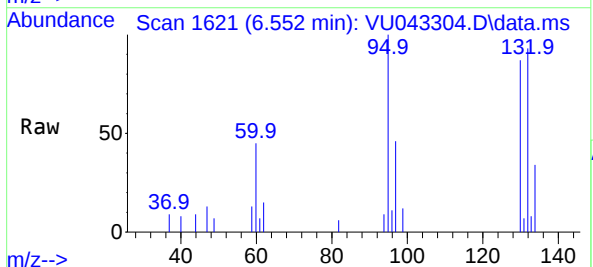
Instrument :
MSVOA_U
ClientSampled :

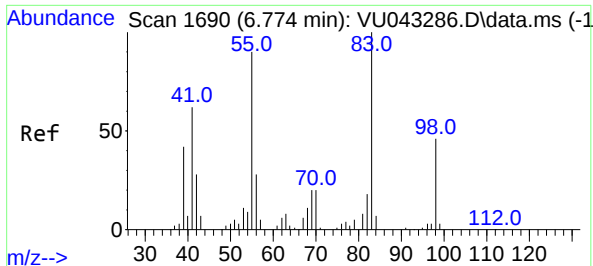
Tgt Ion: 97 Resp: 1036
Ion Ratio Lower Upper
97 100
99 7.1 50.3 75.5#
61 0.0 32.7 49.1#



#34
Trichloroethene
Concen: 0.44 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

Tgt Ion: 95 Resp: 3314
Ion Ratio Lower Upper
95 100
97 45.7 45.8 85.2#
132 93.0 68.7 127.7
130 87.4 70.1 130.3





#35

Methylcyclohexane

Concen: 0.90 ug/L

RT: 6.700 min Scan# 1667

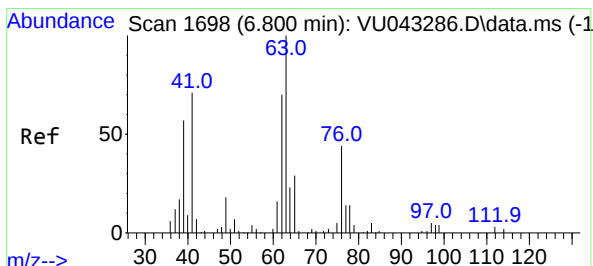
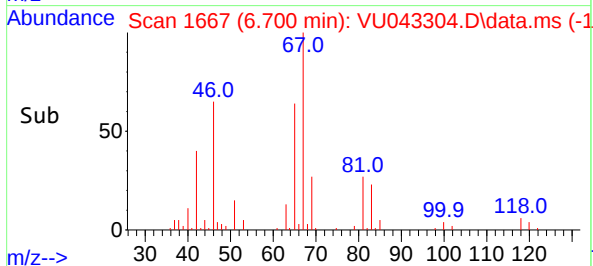
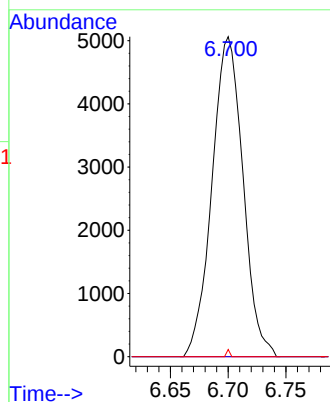
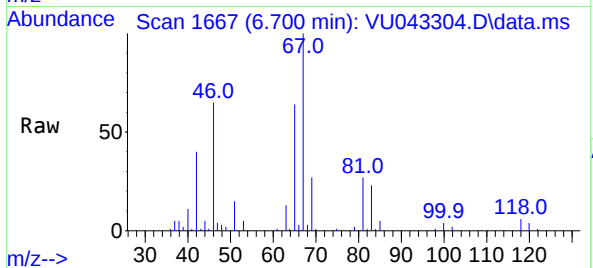
Delta R.T. -0.074 min

Lab File: VU043304.D

Acq: 23 Apr 2021 20:21

Tgt Ion:	83	Resp:	9442
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.2	37.9	56.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.70 ug/L

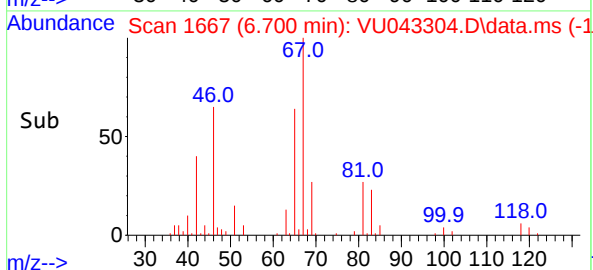
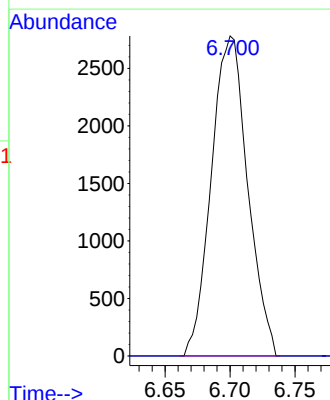
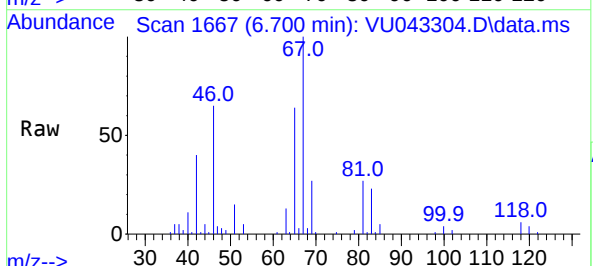
RT: 6.700 min Scan# 1667

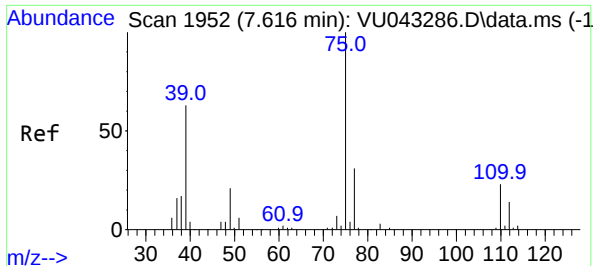
Delta R.T. -0.100 min

Lab File: VU043304.D

Acq: 23 Apr 2021 20:21

Tgt Ion:	63	Resp:	5415
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



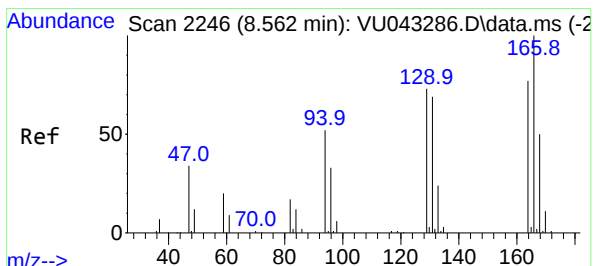
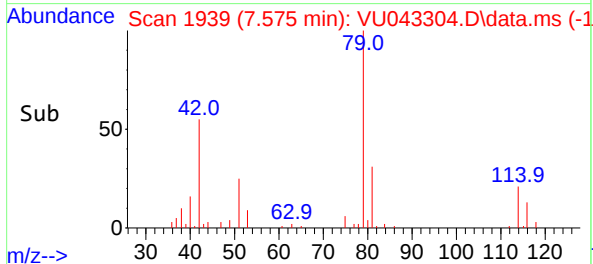
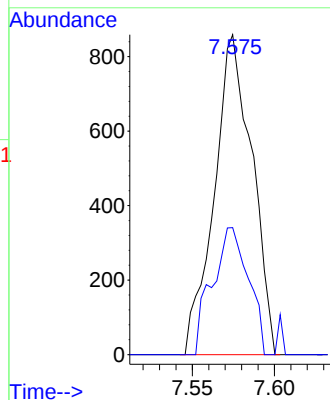
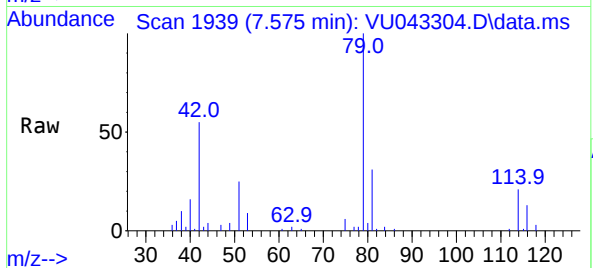


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

Instrument :
MSVOA_U
ClientSampled :

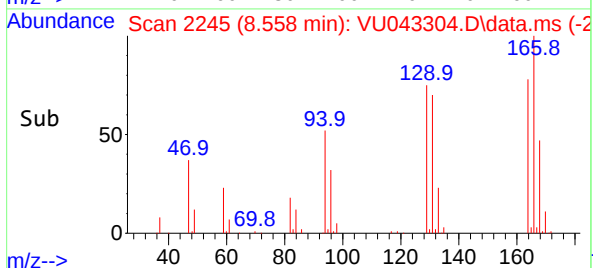
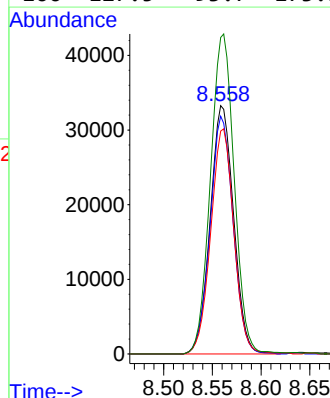
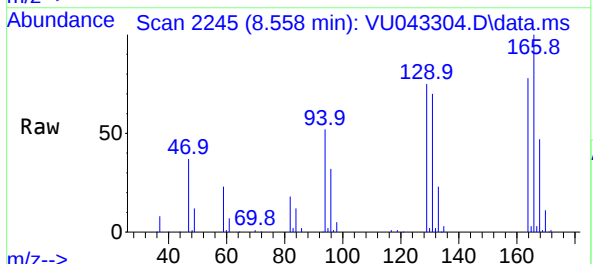
Tgt Ion: 75 Resp: 1374
Ion Ratio Lower Upper
75 100
77 39.7 21.8 40.6

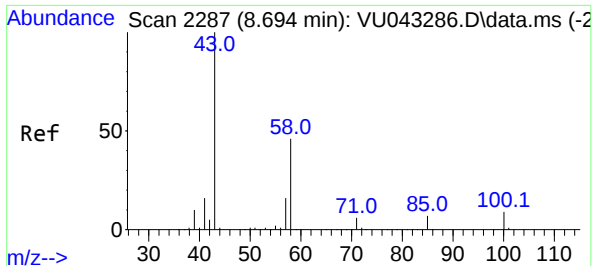


#47

Tetrachloroethene
Concen: 9.28 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

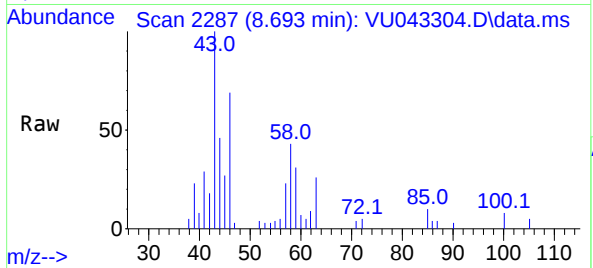
Tgt Ion:164 Resp: 55624
Ion Ratio Lower Upper
164 100
129 95.8 66.6 123.8
131 89.8 65.9 122.3
166 127.5 93.7 173.9



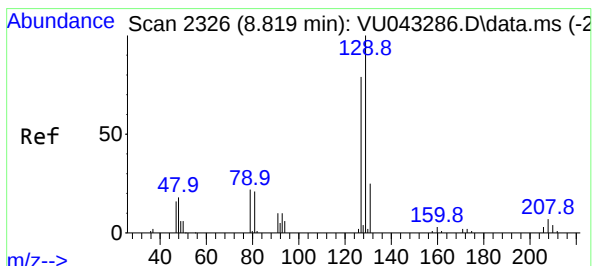
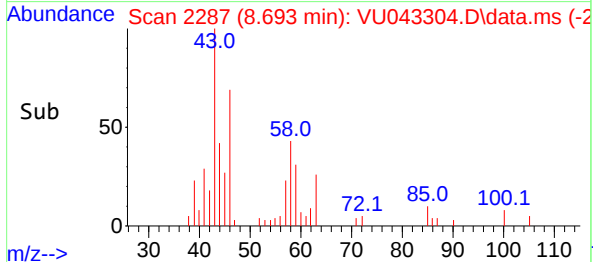
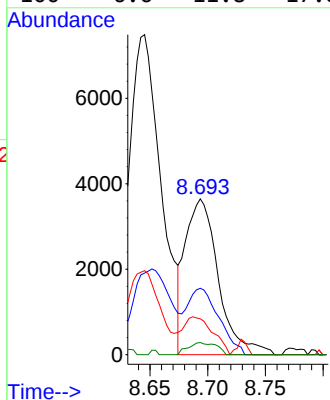


#48
2-Hexanone
Concen: 1.43 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

Instrument :
MSVOA_U
ClientSampled :

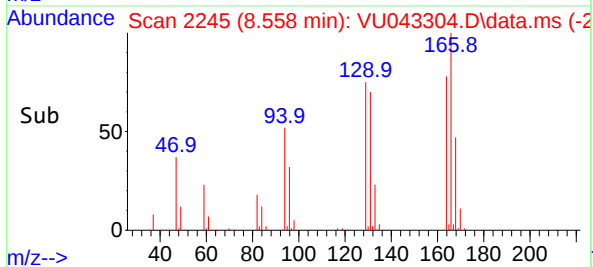
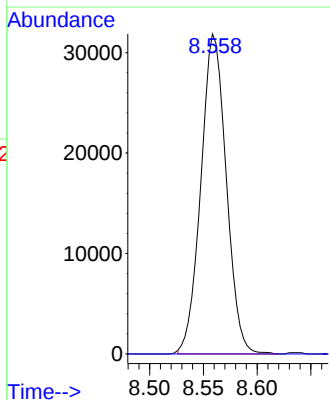
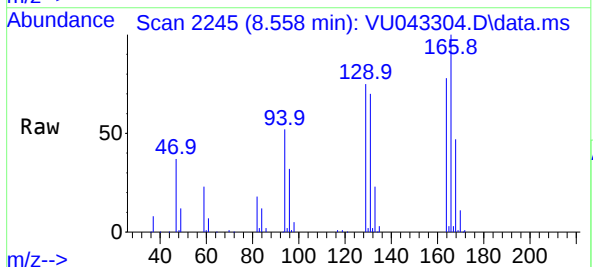


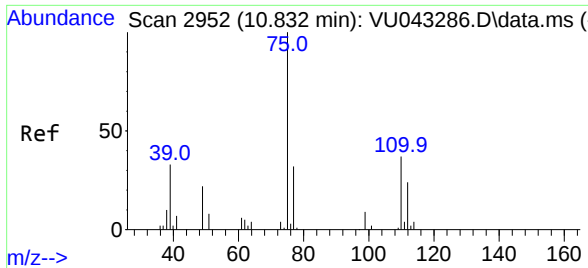
Tgt Ion: 43 Resp: 7260
Ion Ratio Lower Upper
43 100
58 40.1 50.0 75.0#
57 22.8 17.4 26.0
100 6.6 11.8 17.8#



#49
Dibromochloromethane
Concen: 7.17 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

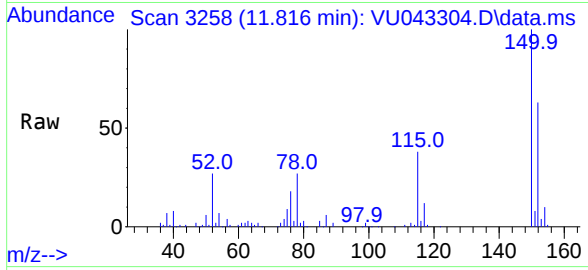
Tgt Ion: 129 Resp: 52235
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#





#61
1,2,3-Trichloropropane
Concen: 1.24 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU043304.D
Acq: 23 Apr 2021 20:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 6068
Ion Ratio Lower Upper
75 100
110 1.5 31.5 47.3#
77 36.1 26.3 39.5

