

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041991.D
 Acq On : 13 Jan 2021 19:29
 Operator : SY/MD
 Sample : M1027-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 01:38:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

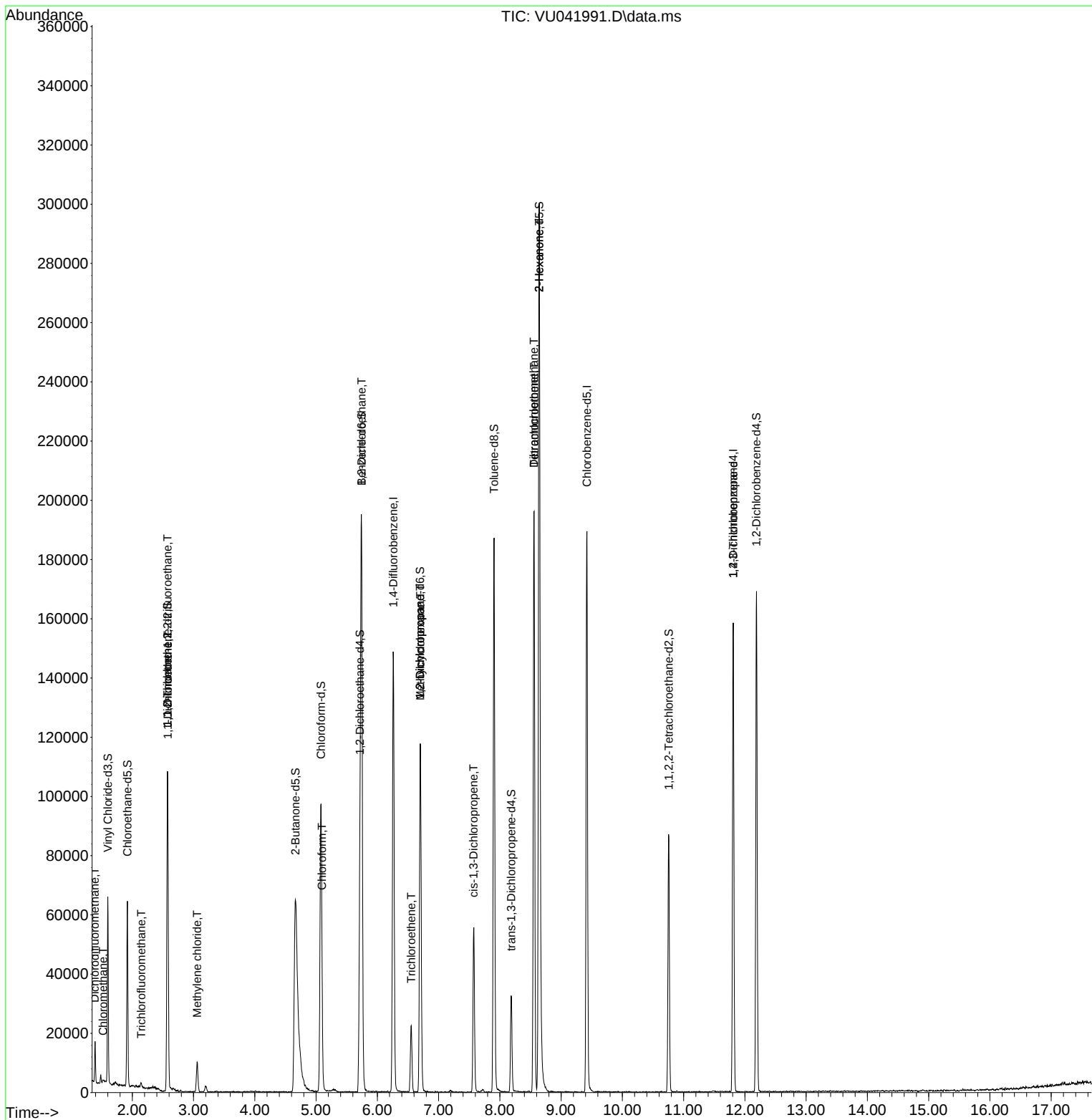
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

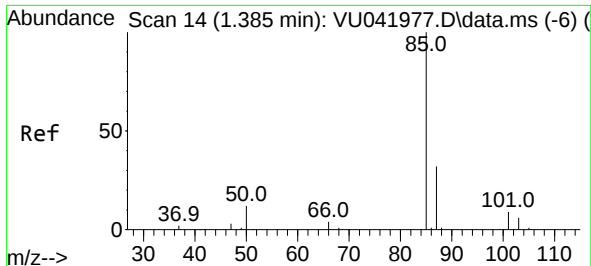
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	117356	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	41702	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42320	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.919	69	43080	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.575	63	65900	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.662	46	163235	54.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.86%
24) Chloroform-d	5.080	84	92513	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.716	65	53340	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.742	84	174508	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.700	67	59492	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.906	98	124191	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloroprop...	8.186	79	19409	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.642	63	120092	52.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.12%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	44398	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.189	152	41922	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	1335	0.12	ug/L	98
3) Chloromethane	1.524	50	975	0.07	ug/L	94
9) Trichlorofluoromethane	2.144	101	658	0.04	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	631	0.07	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	566	0.06	ug/L #	1
16) Methylene chloride	3.061	84	4525	0.42	ug/L	98
25) Chloroform	5.096	83	1336	0.07	ug/L	93
27) 1,2-Dichloroethane	5.742	62	977	0.08	ug/L #	75
34) Trichloroethene	6.556	95	8144	0.84	ug/L	96
35) Methylcyclohexane	6.703	83	12809	0.83	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	6480	0.64	ug/L #	90
39) cis-1,3-Dichloropropene	7.568	75	1273	0.08	ug/L	94
47) Tetrachloroethene	8.559	164	42687	6.81	ug/L	99
48) 2-Hexanone	8.642	43	13258	2.83	ug/L #	68
49) Dibromochloromethane	8.556	129	44074	5.69	ug/L #	11
59) 1,2,3-Trichloropropane	11.809	75	5120	0.77	ug/L	95

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

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 15 01:38:01 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 14 17:00:00 2021
Response via : Initial Calibration

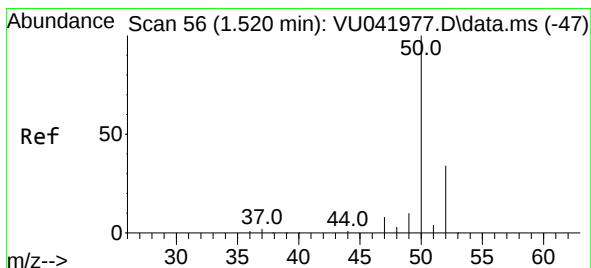
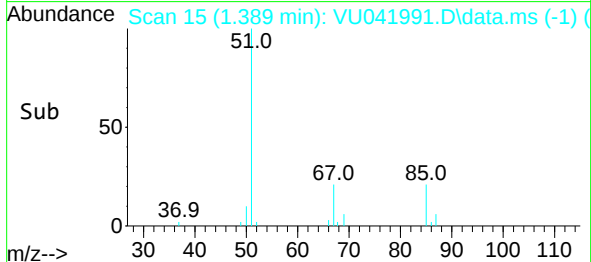
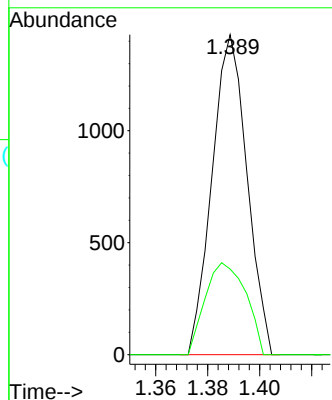
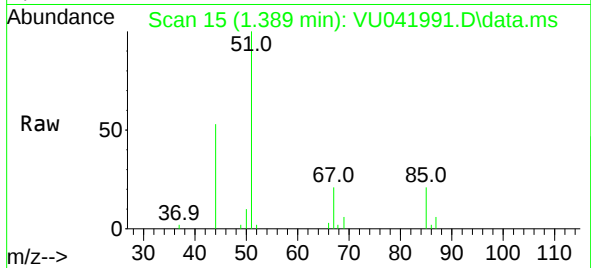




#2
Dichlorodifluoromethane
Concen: 0.12 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

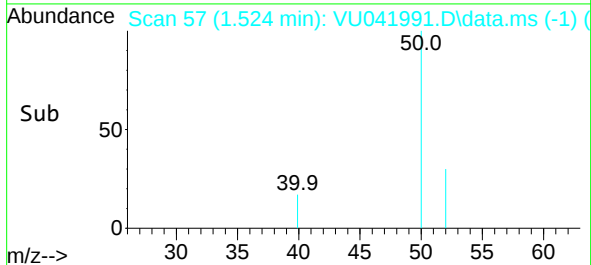
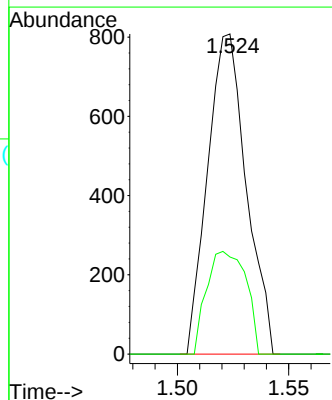
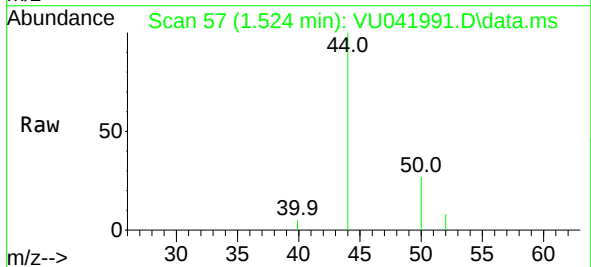
Instrument :
MSVOA_U
ClientSampled :

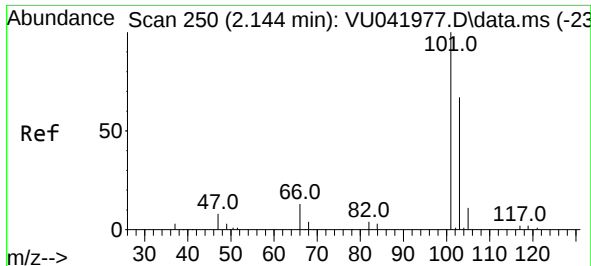
Tgt Ion: 85 Resp: 1335
Ion Ratio Lower Upper
85 100
87 33.3 25.7 38.5



#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Tgt Ion: 50 Resp: 975
Ion Ratio Lower Upper
50 100
52 30.3 23.5 43.7

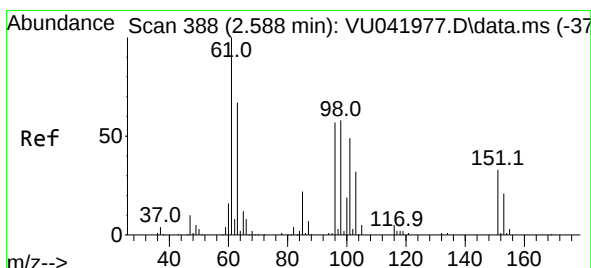
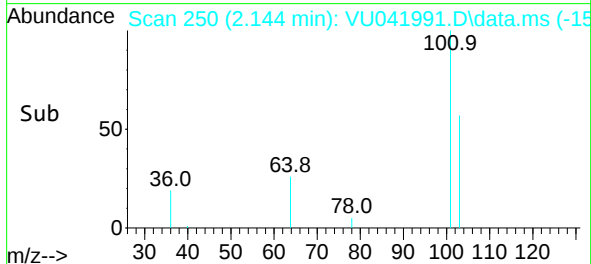
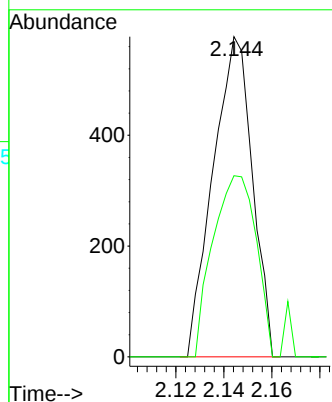
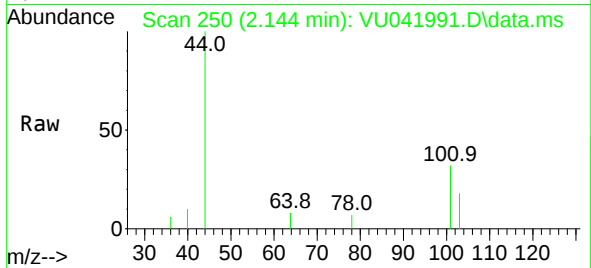




#9
 Trichlorofluoromethane
 Concen: 0.04 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.000 min
 Lab File: VU041991.D
 Acq: 13 Jan 2021 19:29

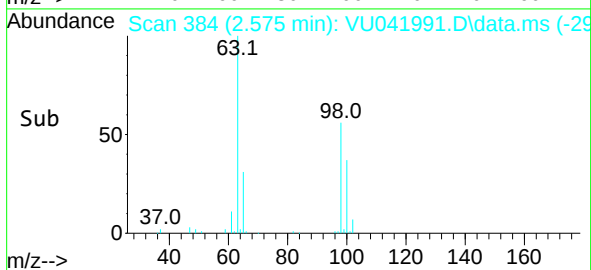
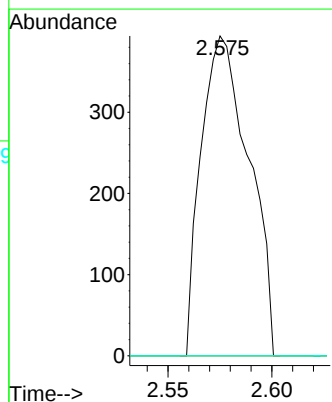
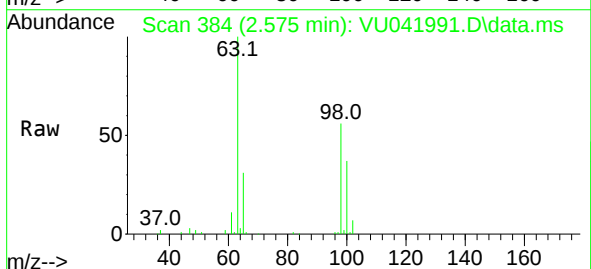
Instrument :
 MSVOA_U
 ClientSampled :

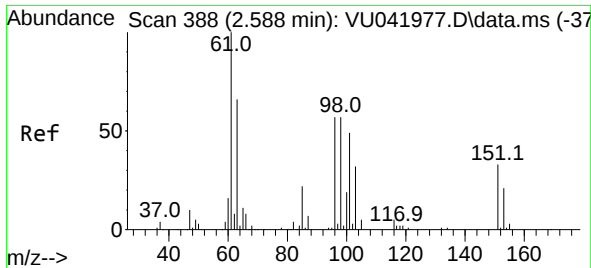
Tgt Ion:101 Resp: 658
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.07 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU041991.D
 Acq: 13 Jan 2021 19:29

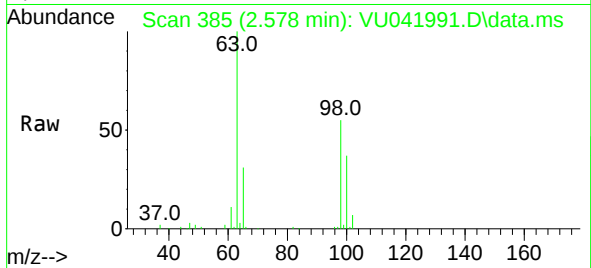
Tgt Ion:101 Resp: 631
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 0.0 55.4 83.2#



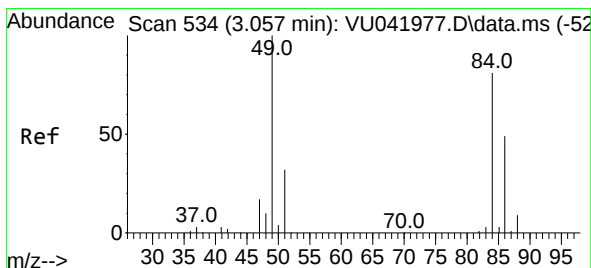
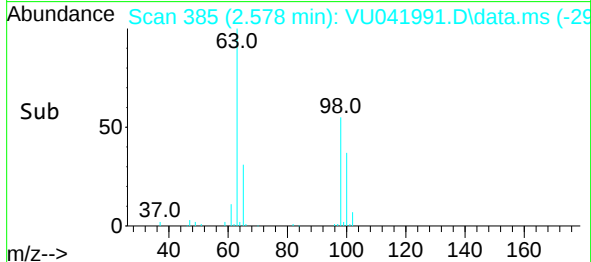
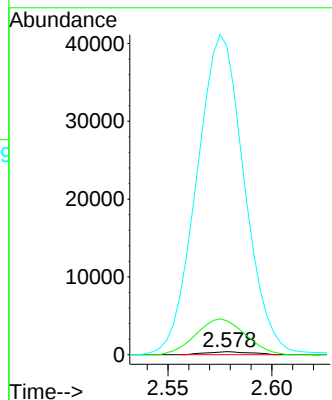


#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Instrument :
MSVOA_U
ClientSampled :

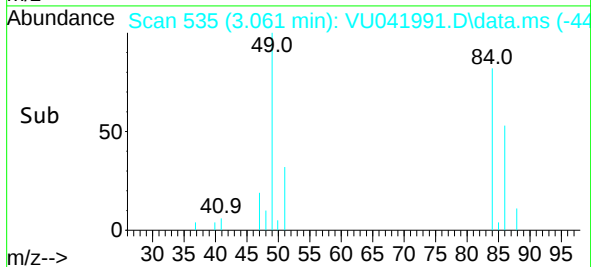
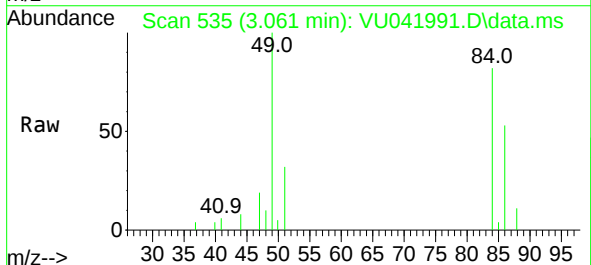
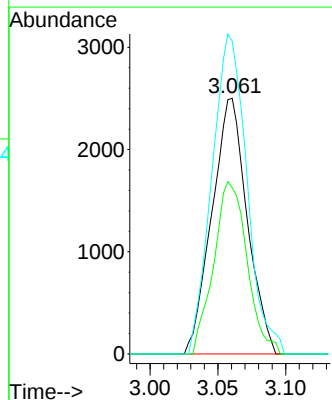


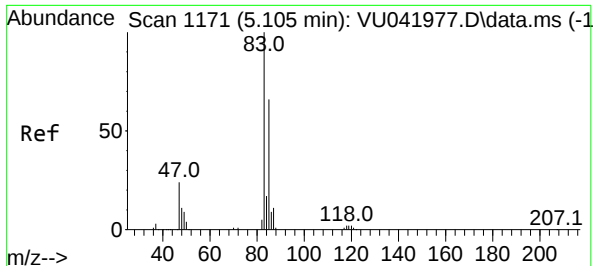
Tgt Ion: 96 Resp: 566
Ion Ratio Lower Upper
96 100
61 1132.2 122.2 226.9#
63 10316.9 82.8 153.8#



#16
Methylene chloride
Concen: 0.42 ug/L
RT: 3.061 min Scan# 535
Delta R.T. 0.003 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Tgt Ion: 84 Resp: 4525
Ion Ratio Lower Upper
84 100
86 65.1 42.6 79.0
49 122.4 86.2 160.0

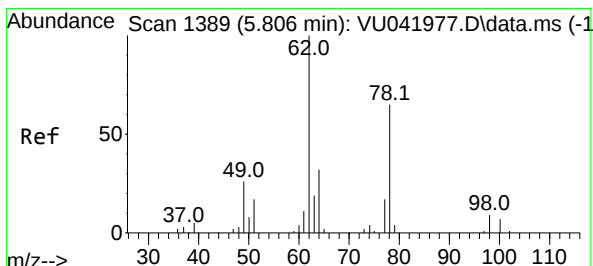
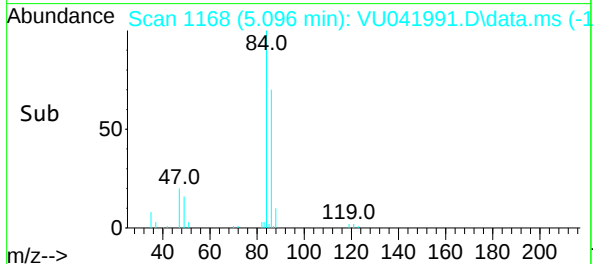
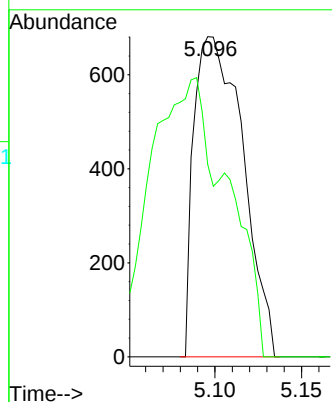
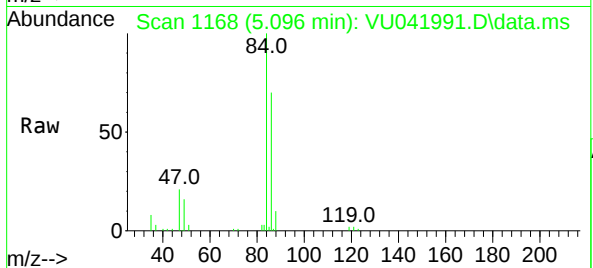




#25
Chloroform
Concen: 0.07 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.009 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

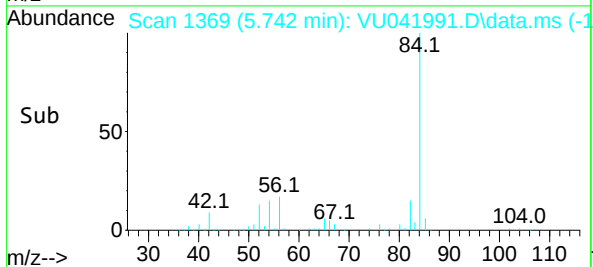
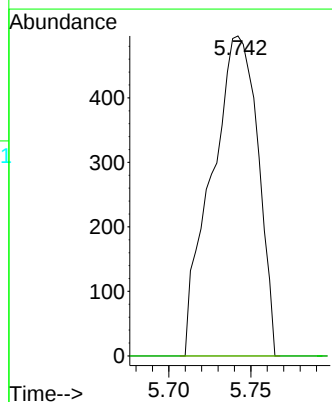
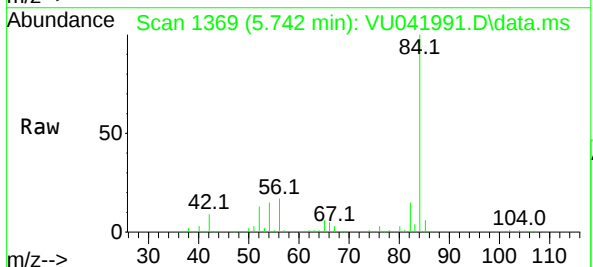
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MSVOA_U
ClientSampled :

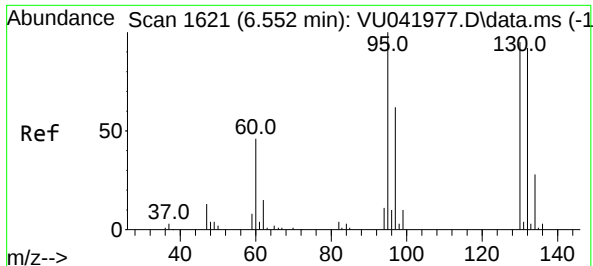
Tgt Ion: 83 Resp: 1336
Ion Ratio Lower Upper
83 100
85 60.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Tgt Ion: 62 Resp: 977
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



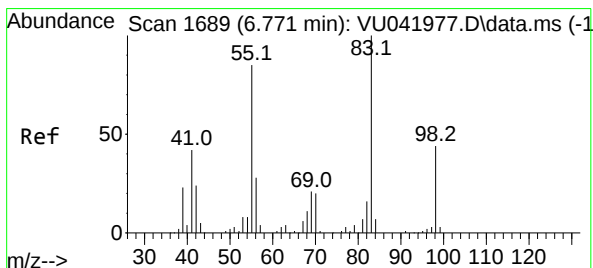
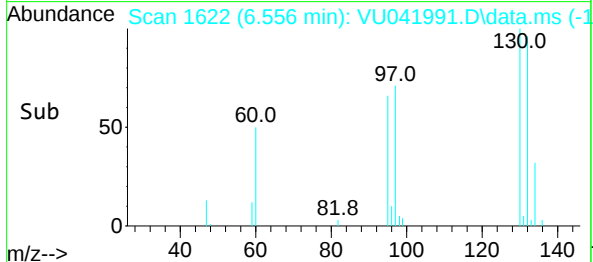
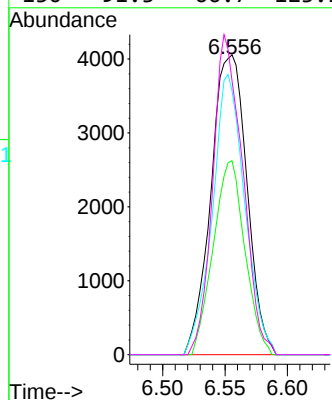
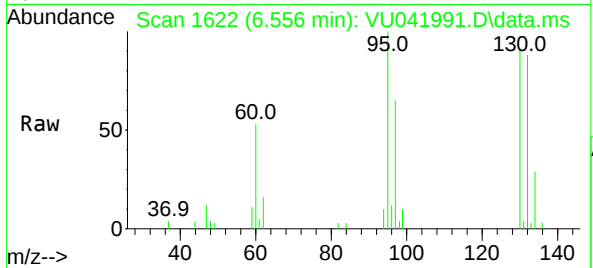


#34
Trichloroethene
Concen: 0.84 ug/L
RT: 6.556 min Scan# 1622
Delta R.T. 0.003 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 8144

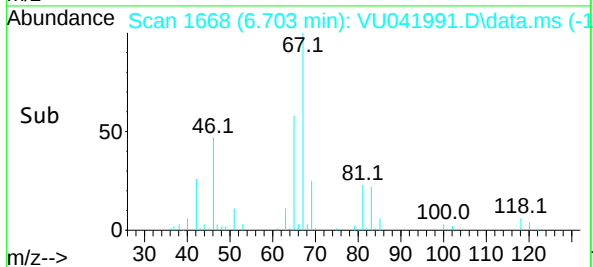
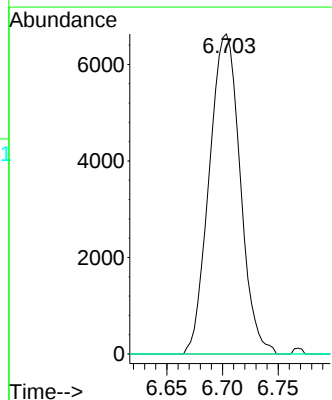
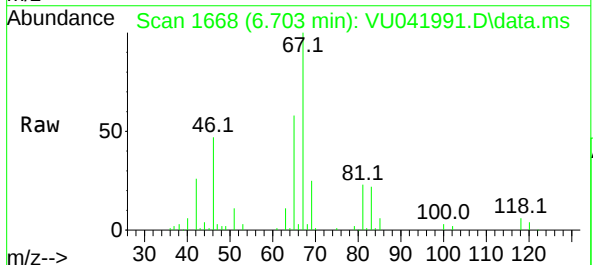
Ion	Ratio	Lower	Upper
95	100		
97	64.7	43.6	81.0
132	88.0	64.3	119.3
130	91.3	66.7	123.9

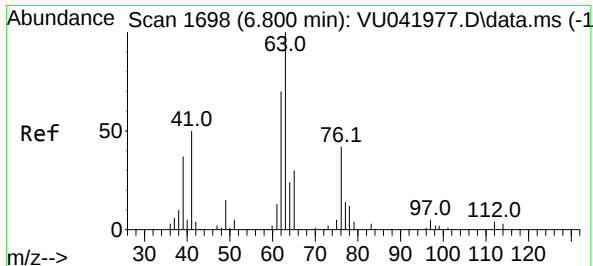


#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.067 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Tgt Ion: 83 Resp: 12809

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	3.3	35.7	53.5#



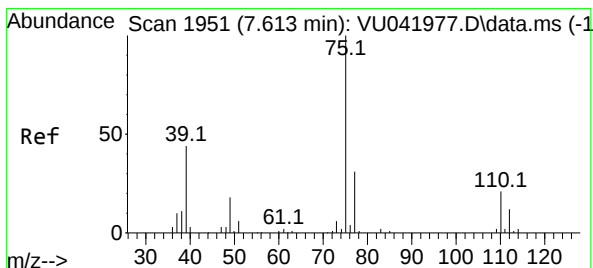
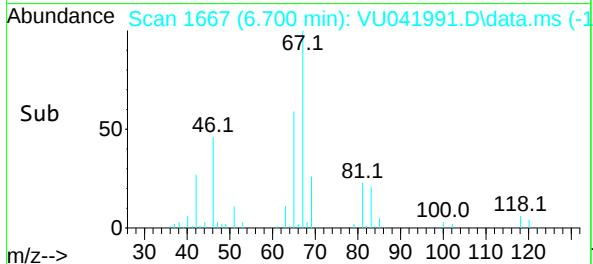
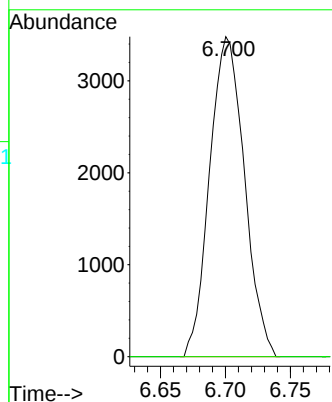
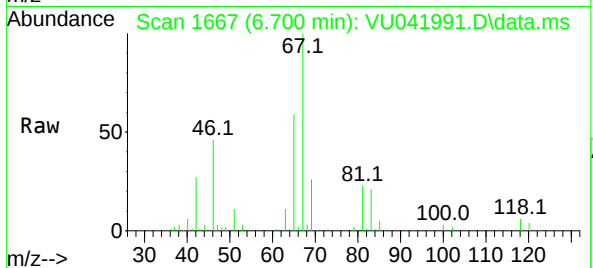


#37

1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Instrument :
MSVOA_U
ClientSampled :

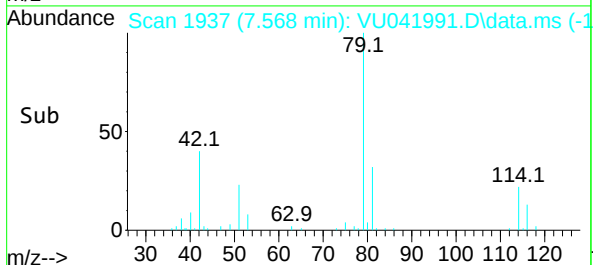
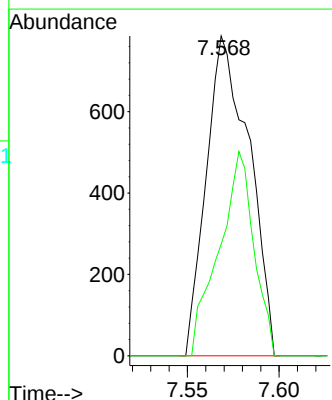
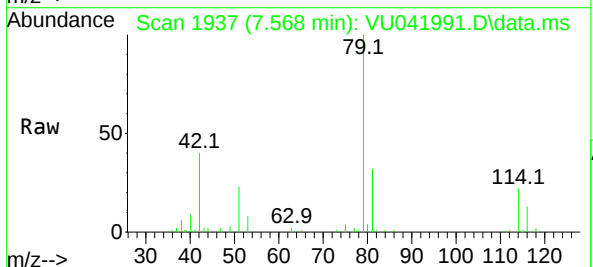
Tgt Ion: 63 Resp: 6480
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

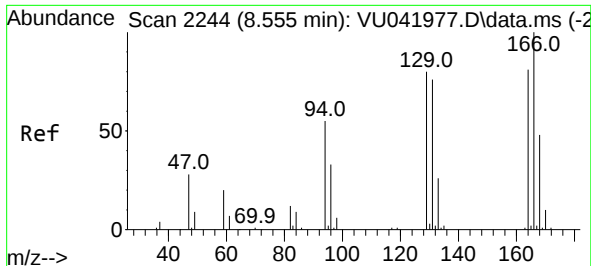


#39

cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

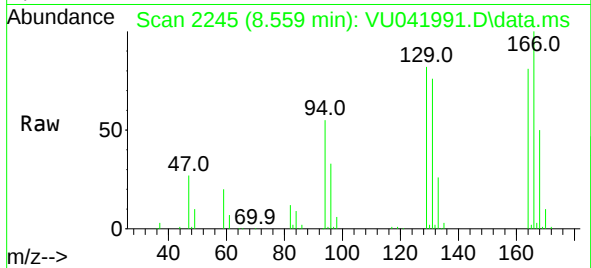
Tgt Ion: 75 Resp: 1273
Ion Ratio Lower Upper
75 100
77 34.9 21.9 40.7



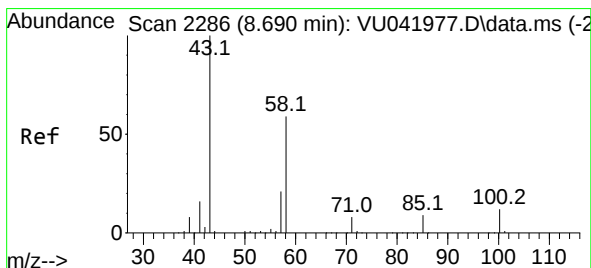
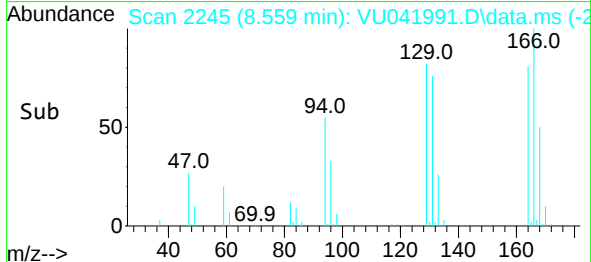
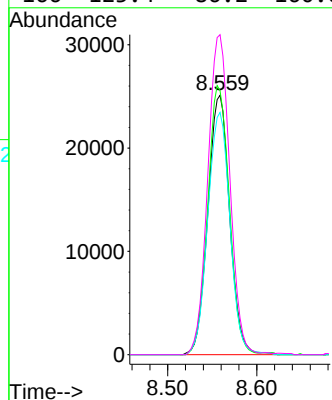


#47
Tetrachloroethene
Concen: 6.81 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Instrument :
MSVOA_U
ClientSampled :

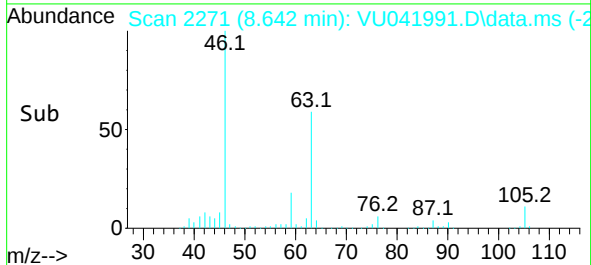
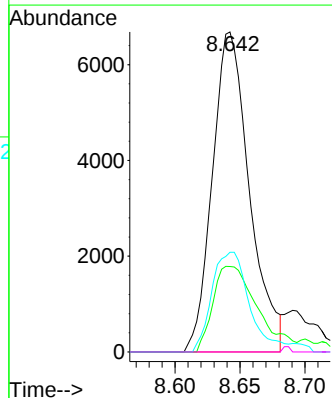
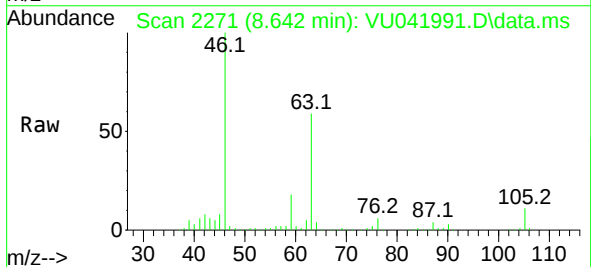


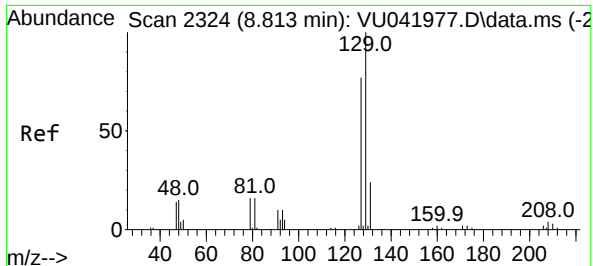
Tgt Ion	Ratio	Lower	Upper
164	100		
129	101.8	68.7	127.5
131	93.4	65.2	121.0
166	123.4	86.2	160.0



#48
2-Hexanone
Concen: 2.83 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU041991.D
Acq: 13 Jan 2021 19:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	47.8	71.8#
57	31.6	17.4	26.0#
100	0.3	9.5	14.3#





#49

Dibromochloromethane

Concen: 5.69 ug/L

RT: 8.556 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU041991.D

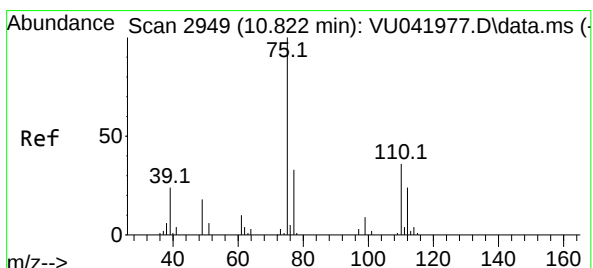
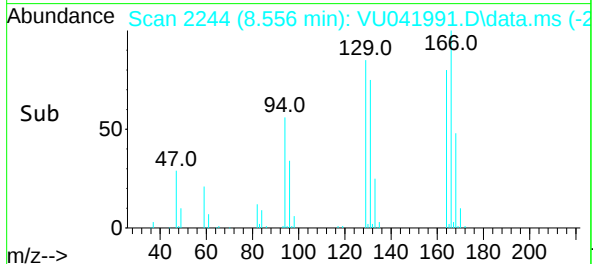
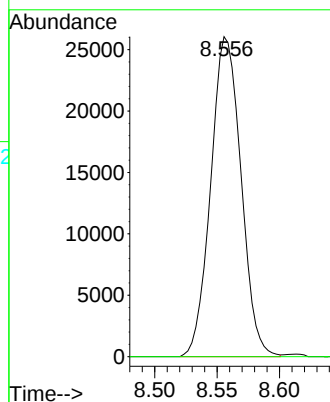
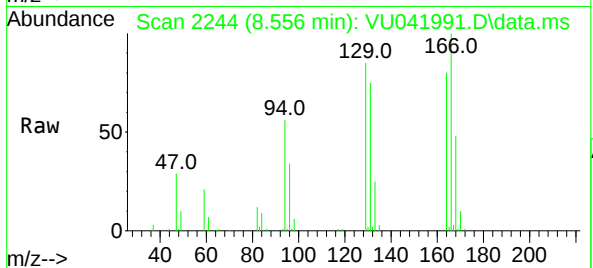
Acq: 13 Jan 2021 19:29

Tgt Ion: 129 Resp: 44074

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#59

1,2,3-Trichloropropane

Concen: 0.77 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU041991.D

Acq: 13 Jan 2021 19:29

Tgt Ion: 75 Resp: 5120

Ion Ratio Lower Upper

75 100

77 34.8 25.6 38.4

