

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041988.D
 Acq On : 13 Jan 2021 18:16
 Operator : SY/MD
 Sample : M1049-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ6DL

Quant Time: Jan 14 17:02:33 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	6.259	114	121293	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43609	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42201	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.919	69	41962	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.575	63	66241	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.661	46	166470	54.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.40%
24) Chloroform-d	5.079	84	93125	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.716	65	51965	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.742	84	184398	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.700	67	60036	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.906	98	130884	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.185	79	19926	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.642	63	110756	49.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.00%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	41582	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.188	152	42397	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	731	0.05	ug/L	90
9) Trichlorofluoromethane	2.144	101	33781	1.87	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	566	0.06	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	536	0.06	ug/L #	1
16) Methylene chloride	3.057	84	3496	0.32	ug/L	94
31) Carbon tetrachloride	5.539	117	726	0.06	ug/L #	69
34) Trichloroethene	6.552	95	26202	2.77	ug/L	98
35) Methylcyclohexane	6.700	83	13244	0.88	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	6157	0.63	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1311	0.09	ug/L #	60
44) trans-1,3-Dichloropropene	8.185	75	762	0.06	ug/L #	33
45) 1,1,2-Trichloroethane	8.555	97	381	0.05	ug/L #	1
47) Tetrachloroethene	8.558	164	46397	7.56	ug/L	94
48) 2-Hexanone	8.639	43	12709	2.77	ug/L #	64
49) Dibromochloromethane	8.558	129	48070	6.34	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	5004	0.77	ug/L	93

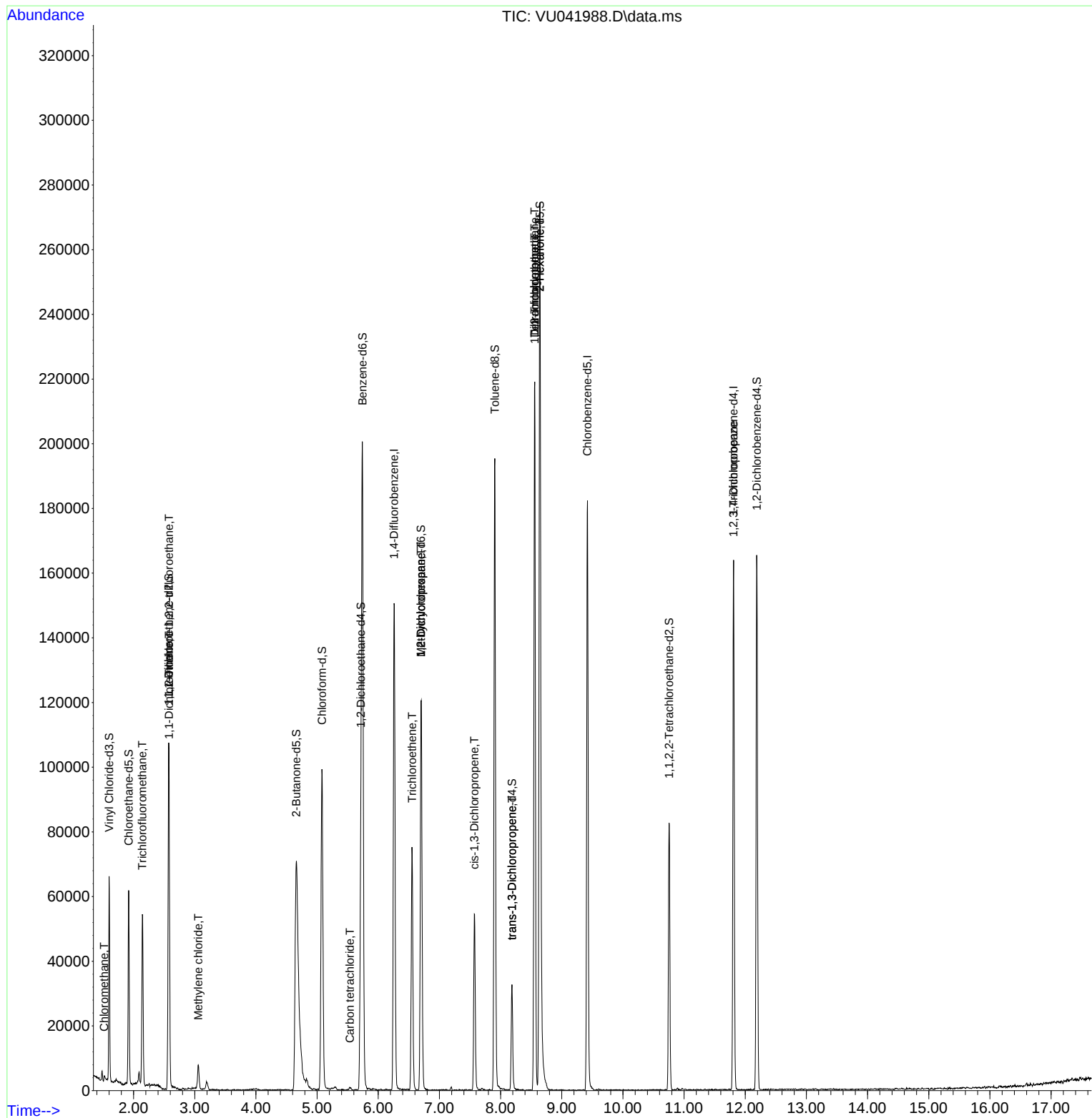
(#) = qualifier out of range (m) = manual integration (+) = signals summed

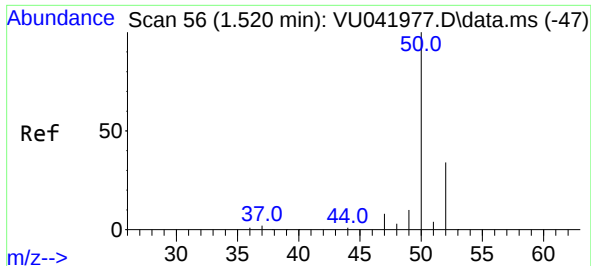
Instrument :
MSVOA_U
ClientSampleId :
C0AQ6DL

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU041988.D
Acq On : 13 Jan 2021 18:16
Operator : SY/MD
Sample : M1049-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AQ6DL

Quant Time: Jan 14 17:02:33 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

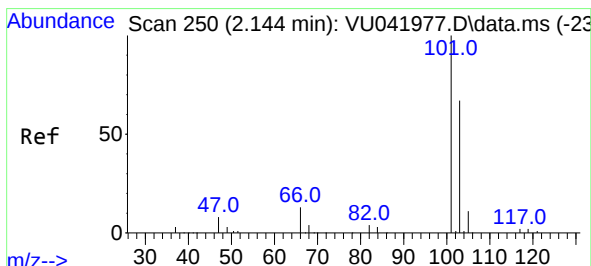
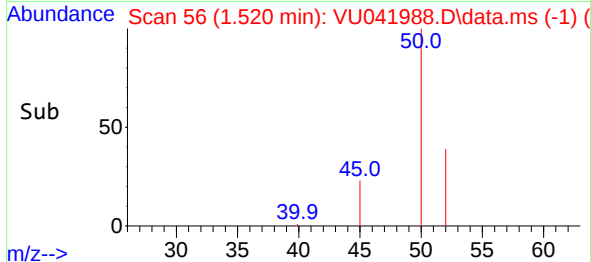
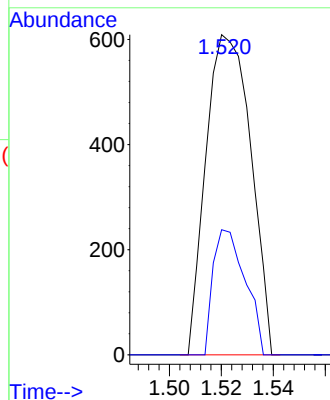
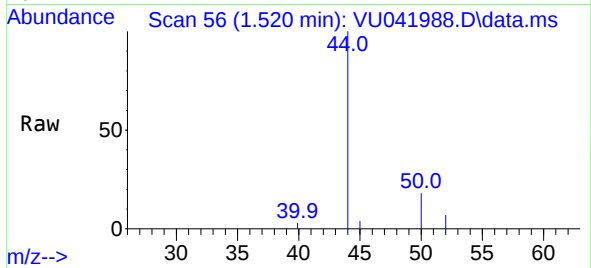




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

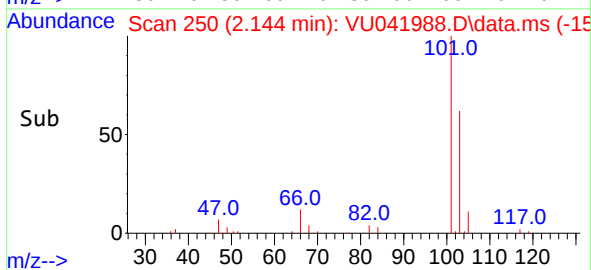
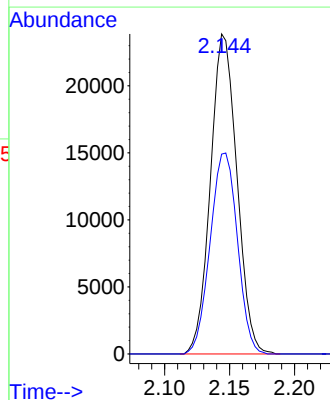
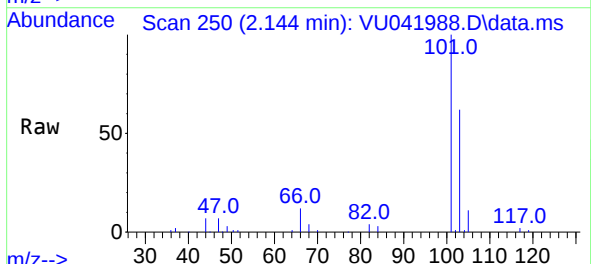
Instrument :
MSVOA_U
ClientSampled :
C0AQ6DL

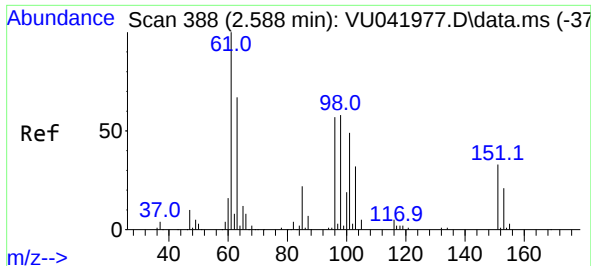
Tgt Ion: 50 Resp: 731
Ion Ratio Lower Upper
50 100
52 39.1 23.5 43.7



#9
Trichlorofluoromethane
Concen: 1.87 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Tgt Ion: 101 Resp: 33781
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

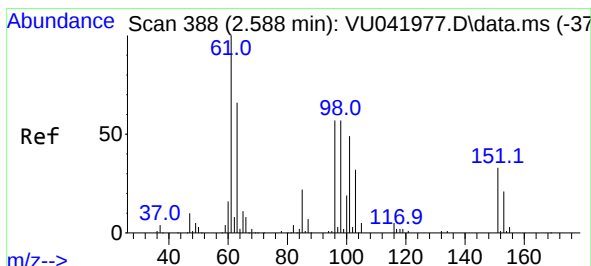
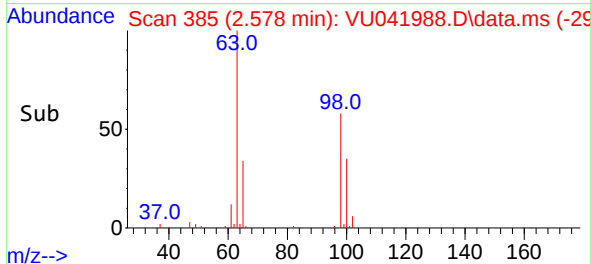
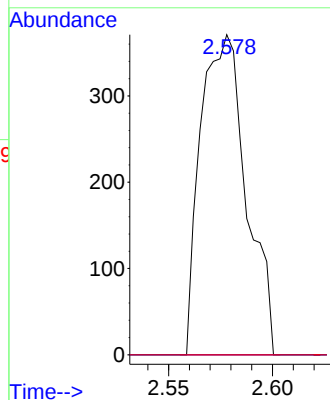
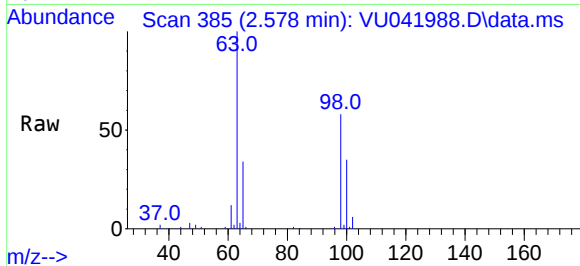




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

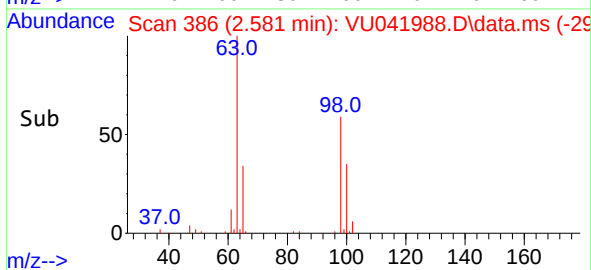
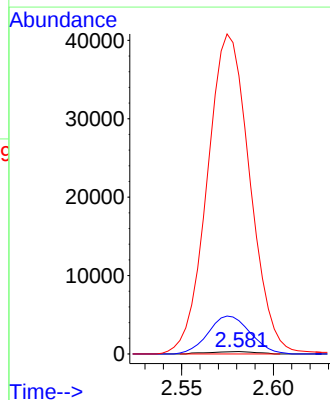
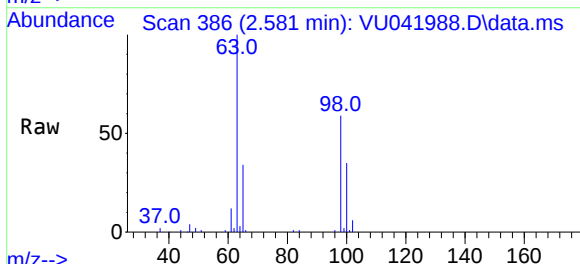
Instrument :
MSVOA_U
ClientSampled :
C0AQ6DL

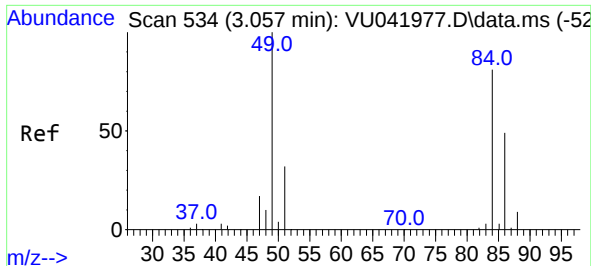
Tgt Ion:101 Resp: 566
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.007 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Tgt Ion: 96 Resp: 536
Ion Ratio Lower Upper
96 100
61 1429.0 122.2 226.9#
63 11954.2 82.8 153.8#

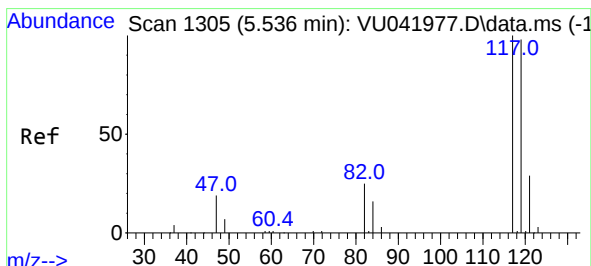
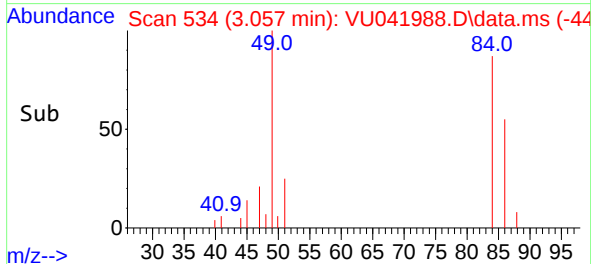
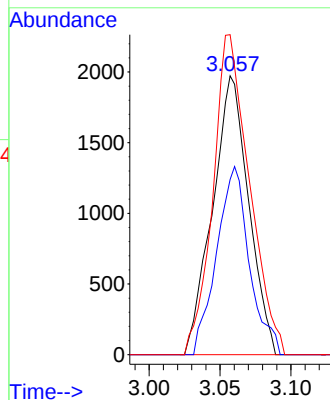
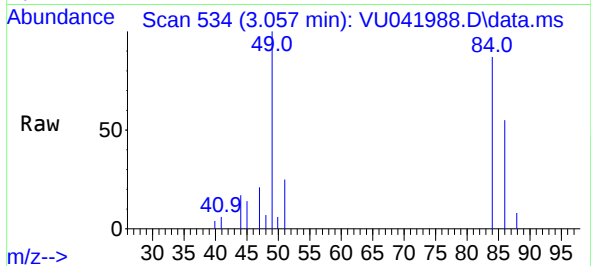




#16
Methylene chloride
Concen: 0.32 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

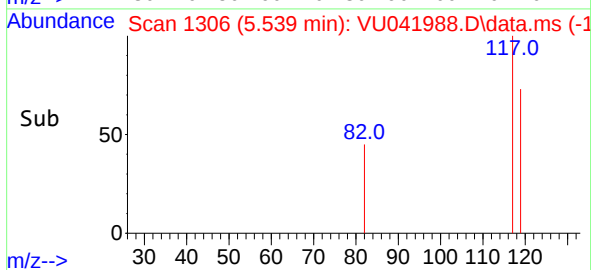
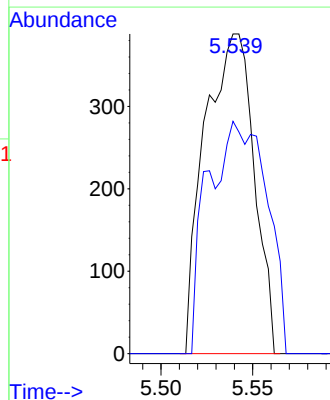
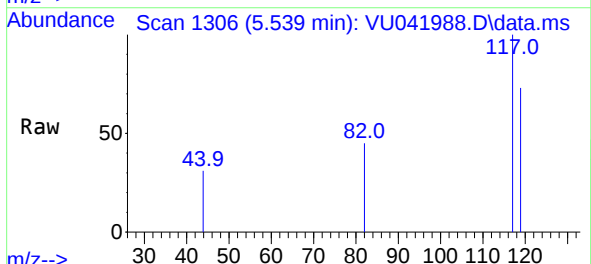
Instrument :
MSVOA_U
ClientSampleId :
C0AQ6DL

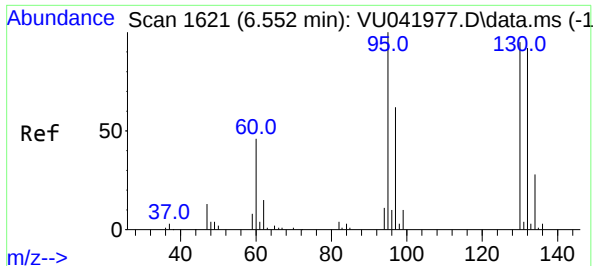
Tgt Ion: 84 Resp: 3496
Ion Ratio Lower Upper
84 100
86 62.8 42.6 79.0
49 114.7 86.2 160.0



#31
Carbon tetrachloride
Concen: 0.06 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.003 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Tgt Ion: 117 Resp: 726
Ion Ratio Lower Upper
117 100
119 65.6 76.6 114.8#



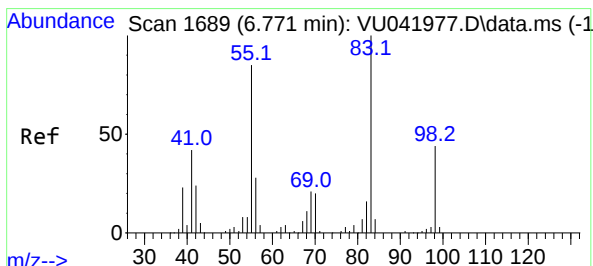
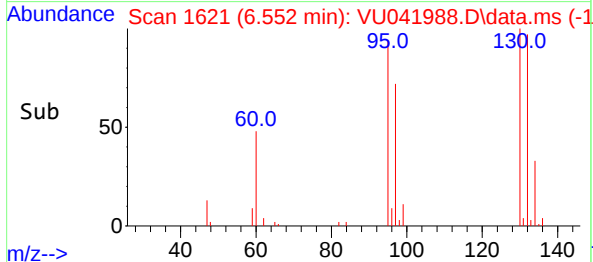
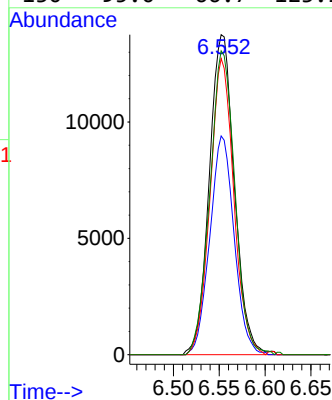
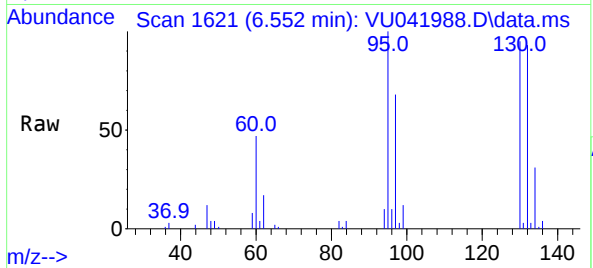


#34
Trichloroethene
Concen: 2.77 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :
C0AQ6DL

Tgt Ion: 95 Resp: 26202

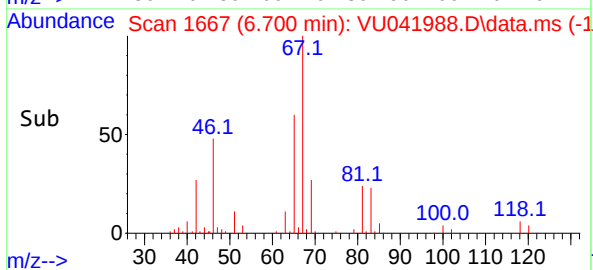
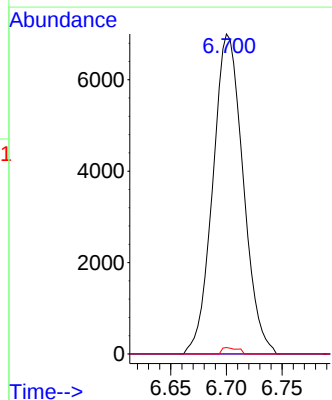
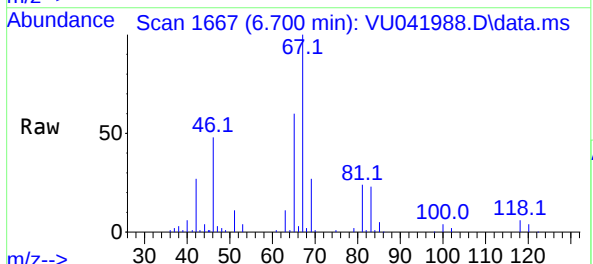
Ion	Ratio	Lower	Upper
95	100		
97	68.4	43.6	81.0
132	92.5	64.3	119.3
130	95.0	66.7	123.9

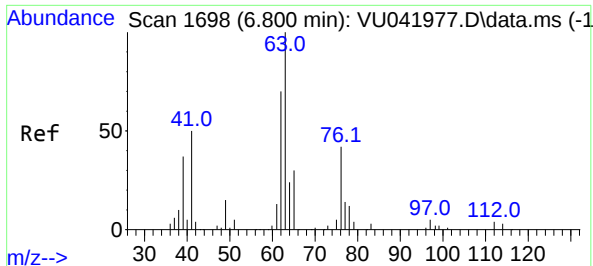


#35
Methylcyclohexane
Concen: 0.88 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Tgt Ion: 83 Resp: 13244

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.8	100.2#
98	1.0	35.7	53.5#



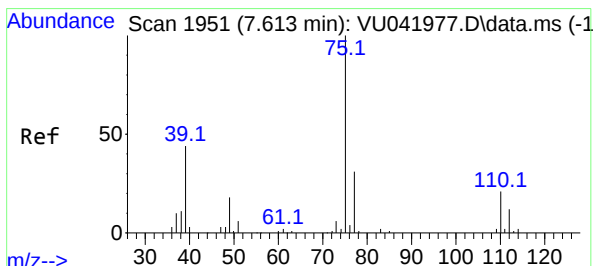
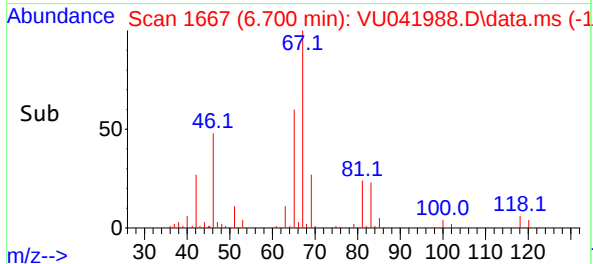
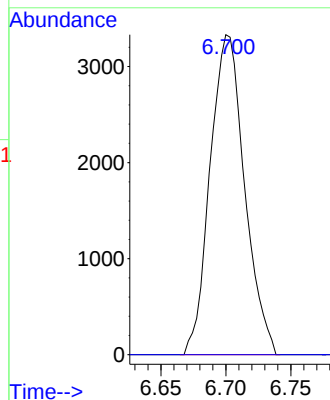
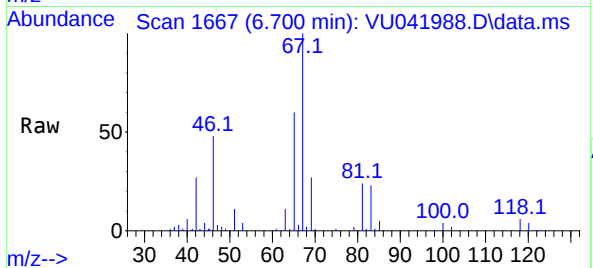


#37

1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Instrument :
MSVOA_U
ClientSampled :
C0AQ6DL

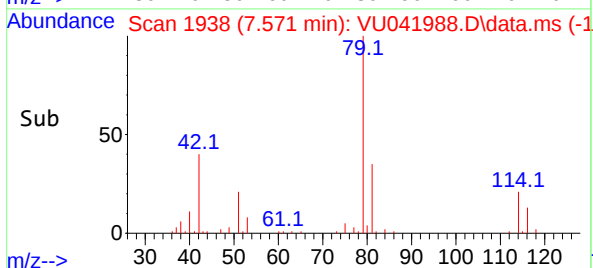
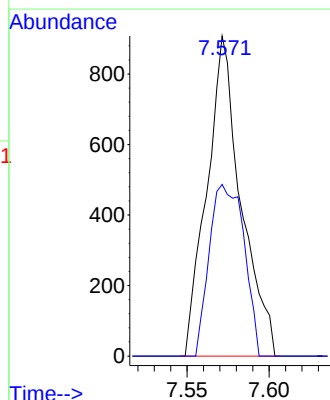
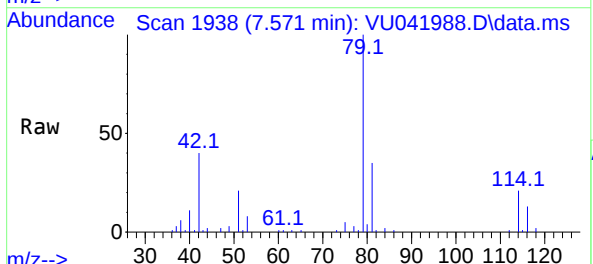
Tgt Ion: 63 Resp: 6157
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

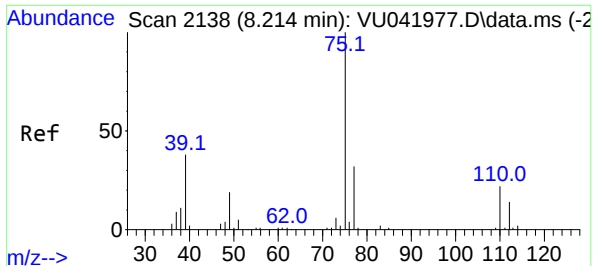


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Tgt Ion: 75 Resp: 1311
Ion Ratio Lower Upper
75 100
77 53.6 21.9 40.7#

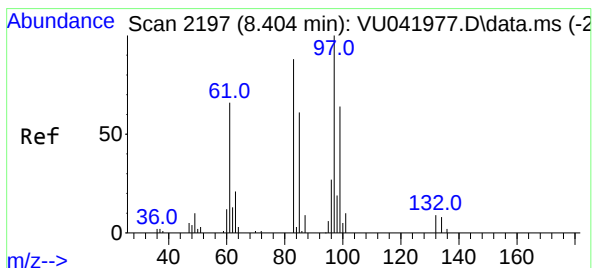
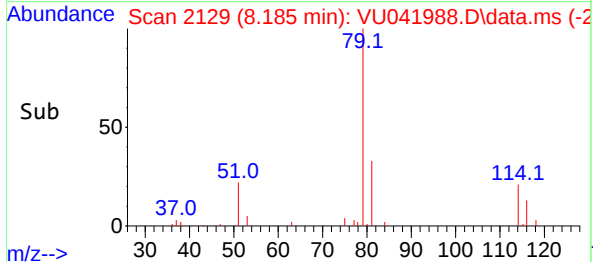
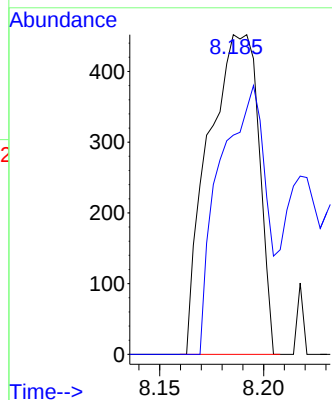
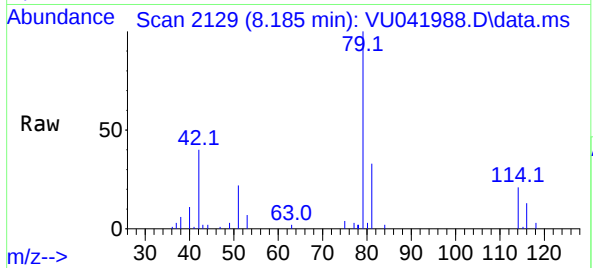




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

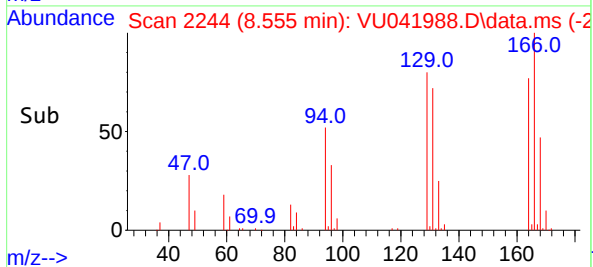
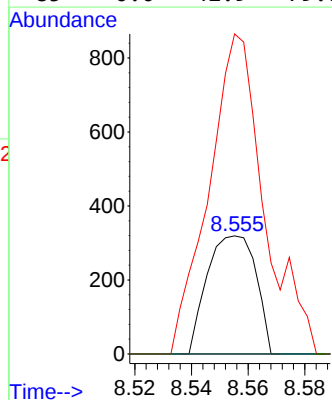
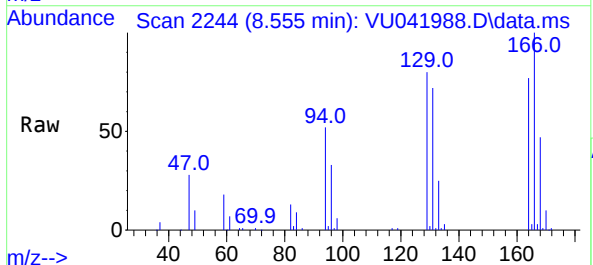
Instrument :
MSVOA_U
ClientSampled :
C0AQ6DL

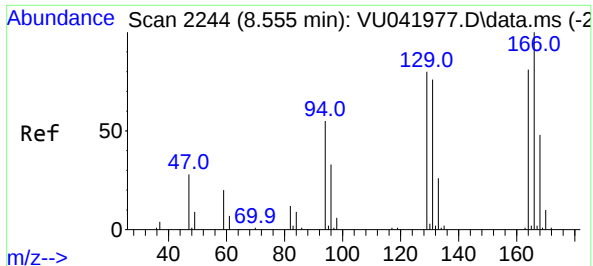
Tgt Ion: 75 Resp: 762
Ion Ratio Lower Upper
75 100
77 68.6 22.0 41.0#



#45
1,1,2-Trichloroethane
Concen: 0.05 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.151 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Tgt Ion: 97 Resp: 381
Ion Ratio Lower Upper
97 100
99 0.0 44.7 83.1#
83 271.2 61.6 114.4#
85 0.0 42.9 79.7#



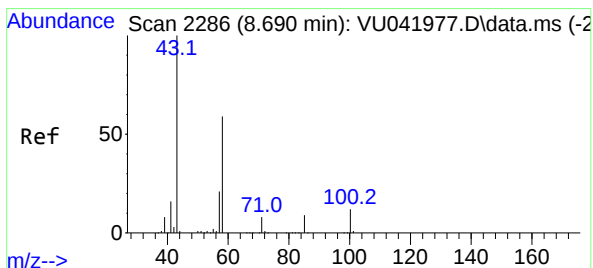
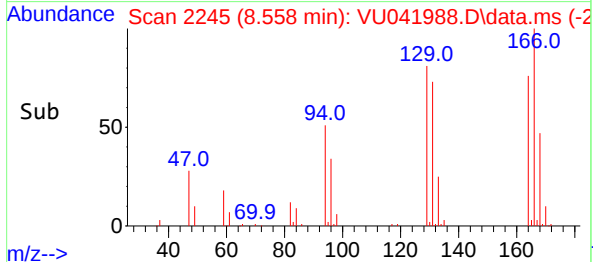
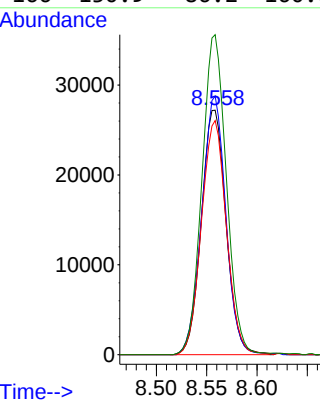
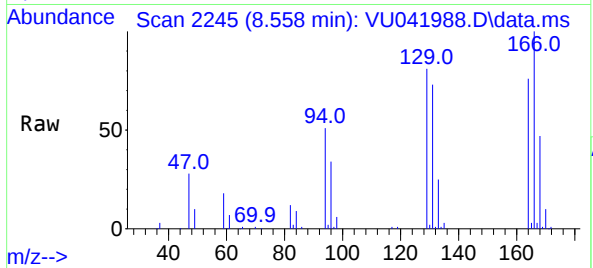


#47
Tetrachloroethene
Concen: 7.56 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Instrument :
MSVOA_U
ClientSampleId :
C0AQ6DL

Tgt Ion:164 Resp: 46397

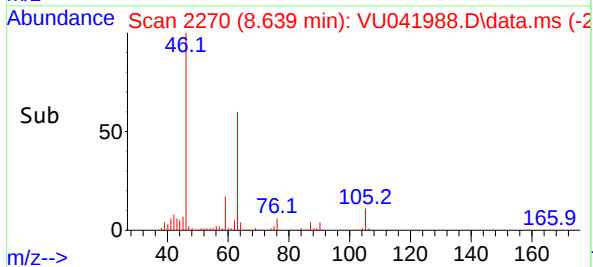
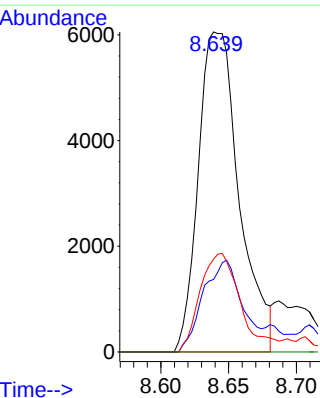
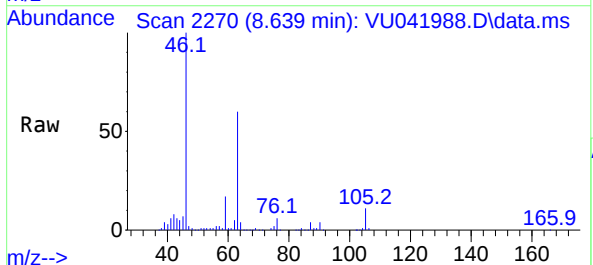
Ion	Ratio	Lower	Upper
164	100		
129	105.8	68.7	127.5
131	95.8	65.2	121.0
166	130.9	86.2	160.0

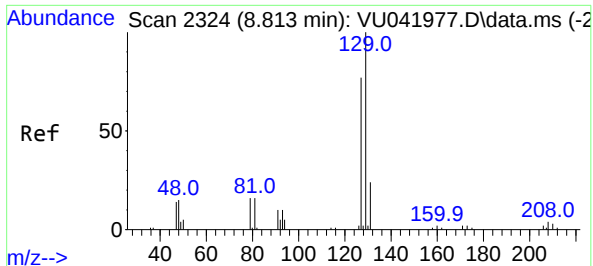


#48
2-Hexanone
Concen: 2.77 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.052 min
Lab File: VU041988.D
Acq: 13 Jan 2021 18:16

Tgt Ion: 43 Resp: 12709

Ion	Ratio	Lower	Upper
43	100		
58	27.4	47.8	71.8#
57	30.5	17.4	26.0#
100	0.0	9.5	14.3#





#49

Dibromochloromethane

Concen: 6.34 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU041988.D

Acq: 13 Jan 2021 18:16

Tgt Ion:129 Resp: 48070

Ion Ratio Lower Upper

129 100

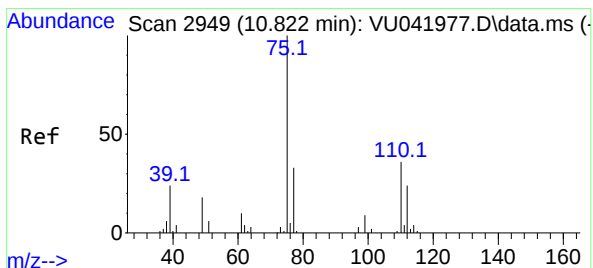
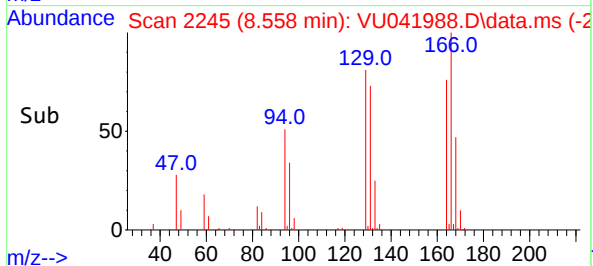
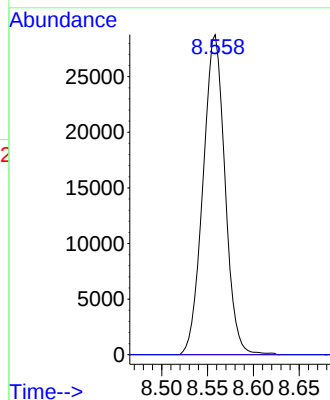
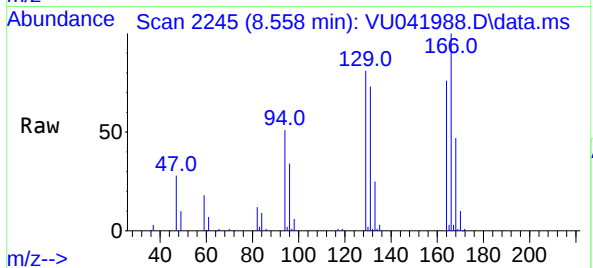
127 0.0 53.7 99.7#

Instrument :

MSVOA_U

ClientSampleId :

C0AQ6DL



#59

1,2,3-Trichloropropane

Concen: 0.77 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.984 min

Lab File: VU041988.D

Acq: 13 Jan 2021 18:16

Tgt Ion: 75 Resp: 5004

Ion Ratio Lower Upper

75 100

77 36.1 25.6 38.4

