

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121620\
 Data File : VU041662.D
 Acq On : 16 Dec 2020 11:36
 Operator : SY/MD
 Sample : VU1216WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 03:56:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	284718	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	244254	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	108215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	98022	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.14%
7) Chloroethane-d5	1.92	69	86278	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.70%
11) 1,1-Dichloroethene-d2	2.58	63	137374	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.94%
21) 2-Butanone-d5	4.64	46	155409	95.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.88%
24) Chloroform-d	5.08	84	177918	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
26) 1,2-Dichloroethane-d4	5.72	65	114614	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.74	84	378749	53.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.04%
36) 1,2-Dichloropropane-d6	6.70	67	115867	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.78%
41) Toluene-d8	7.90	98	327118	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%
43) trans-1,3-Dichloropropene-	8.18	79	55810	49.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.74%
47) 2-Hexanone-d5	8.64	63	128855	107.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.87%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	161415	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
66) 1,2-Dichlorobenzene-d4	12.19	152	118108	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%

Target Compounds

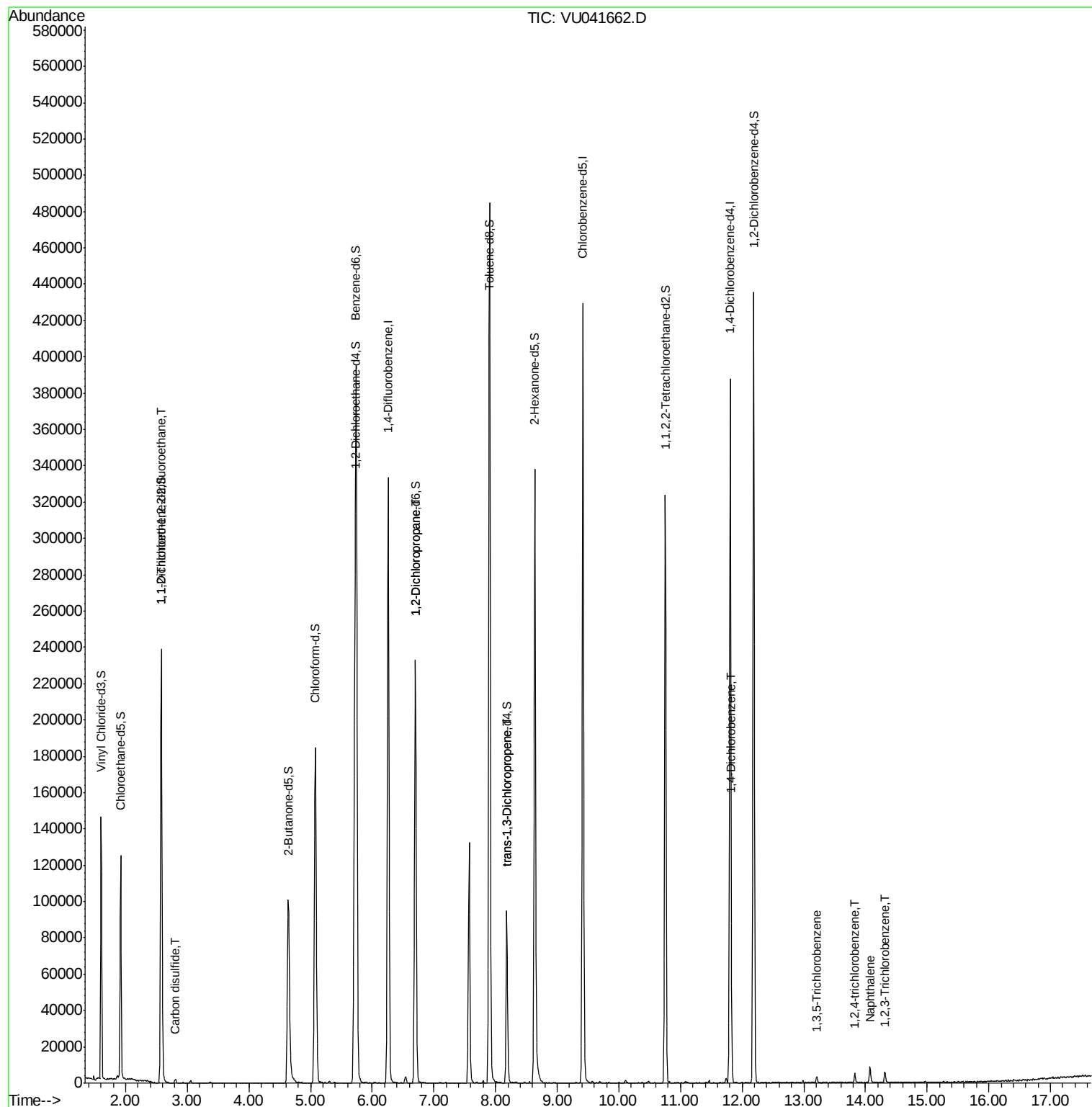
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	1659	0.867	ug/L #	20
14) Carbon disulfide	2.81	76	3006	0.513	ug/L	99
37) 1,2-Dichloropropane	6.70	63	11967	6.169	ug/L #	87
44) trans-1,3-Dichloropropene	8.19	75	2589	0.864	ug/L	97
65) 1,4-Dichlorobenzene	11.83	146	1713	0.478	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.21	180	1516	0.593	ug/L #	84
70) 1,2,4-trichlorobenzene	13.83	180	2204	1.074	ug/L #	84
71) Naphthalene	14.08	128	8460	1.269	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.31	180	2503	1.208	ug/L	93

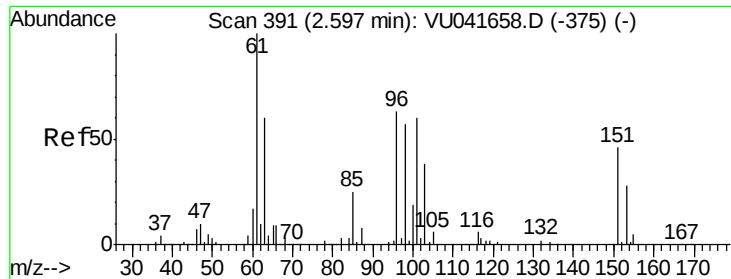
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121620\
Data File : VU041662.D
Acq On : 16 Dec 2020 11:36
Operator : SY/MD
Sample : VU1216WBL01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 17 04:09:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 17 03:56:04 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.867 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041662.D

Acq: 16 Dec 2020 11:36

Instrument :

MSVOA_U

ClientSampleId :

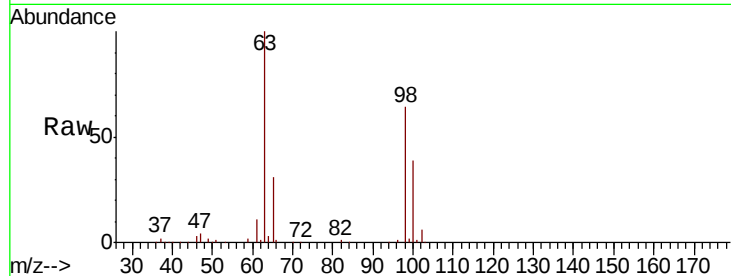
Tot Ion:101 Resp: 1659

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

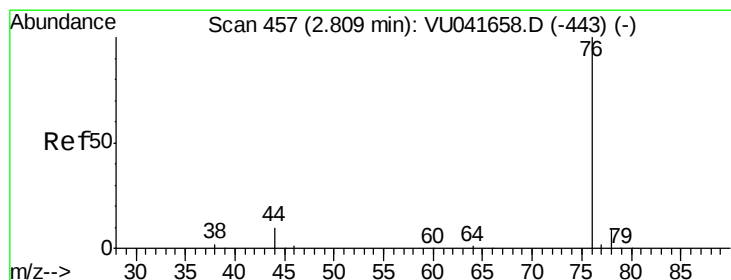
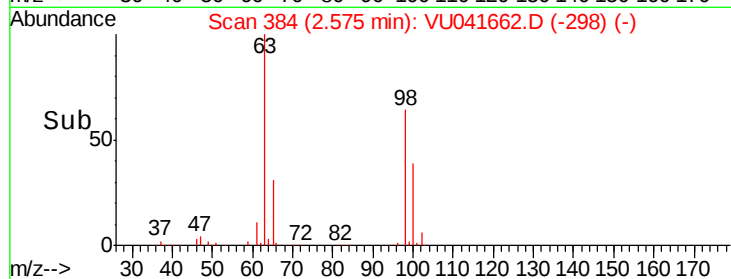
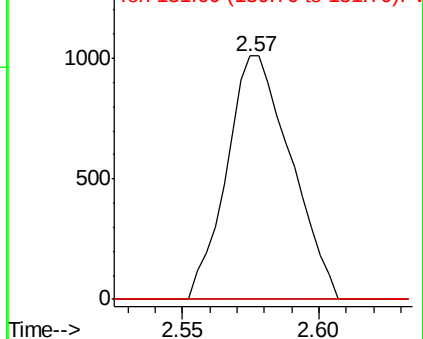
151 0.0 60.4 90.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#14

Carbon disulfide

Concen: 0.513 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU041662.D

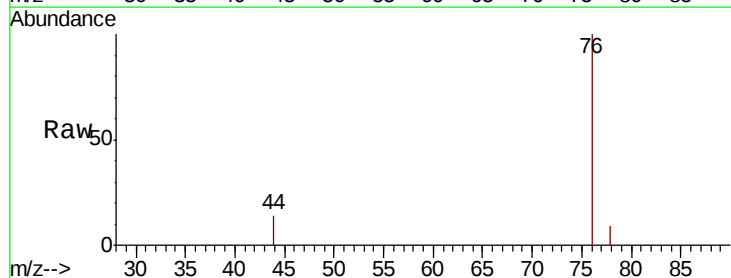
Acq: 16 Dec 2020 11:36

Tgt Ion: 76 Resp: 3006

Ion Ratio Lower Upper

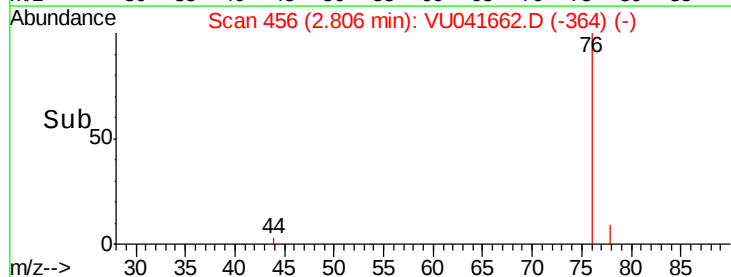
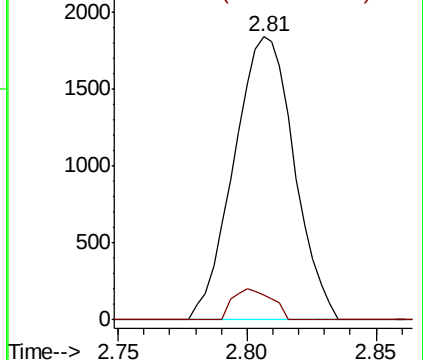
76 100

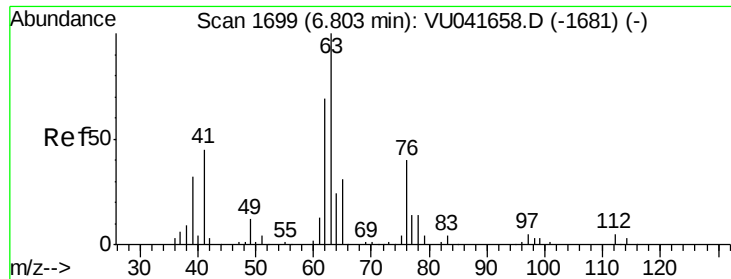
78 8.8 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

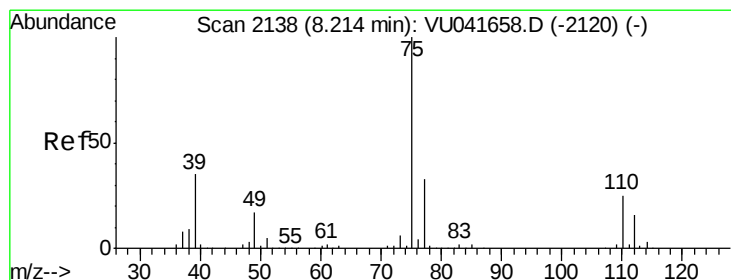
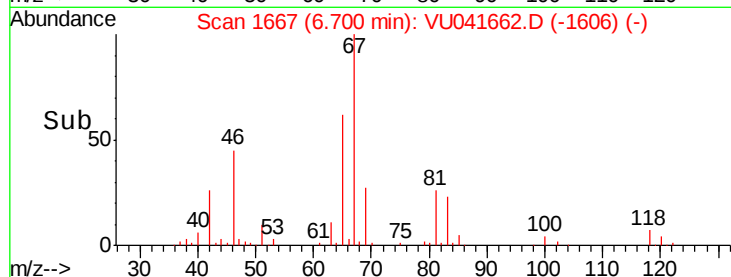
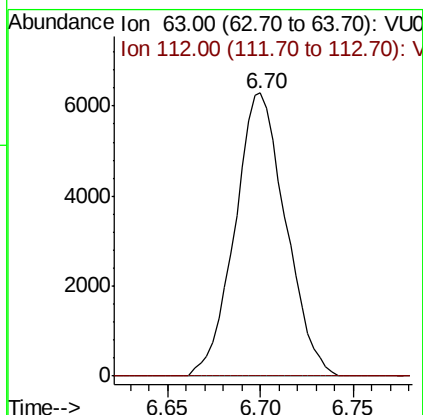
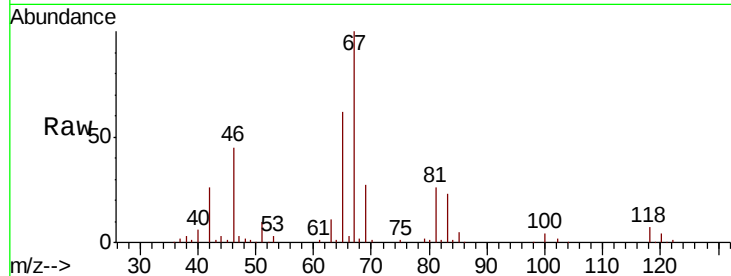




#37
 1,2-Dichloropropane
 Concen: 6.169 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041662.D
 Acq: 16 Dec 2020 11:36

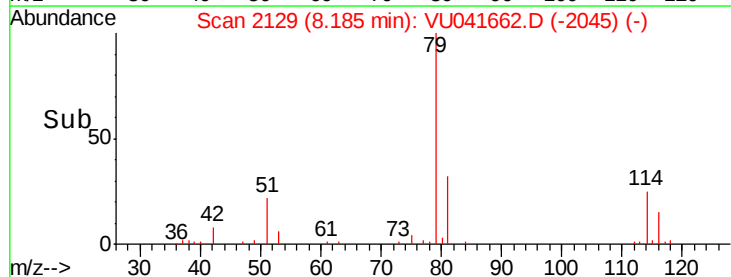
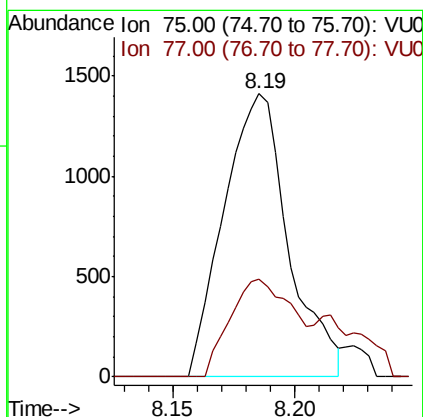
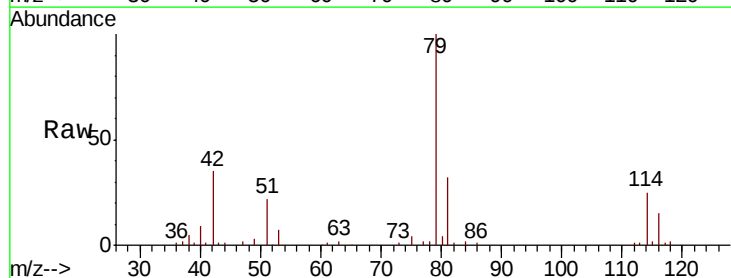
Instrument :
 MSVOA_U
 ClientSampleId :

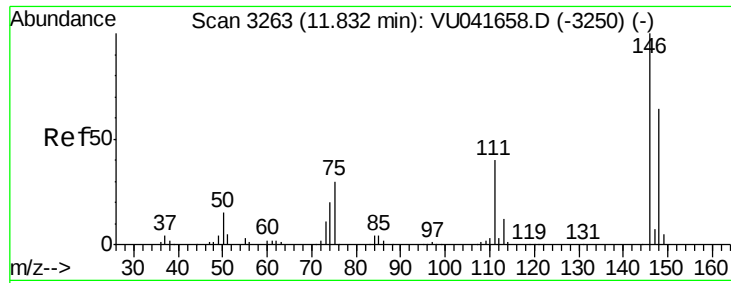
Tot Ion: 63 Resp: 11967
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.864 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041662.D
 Acq: 16 Dec 2020 11:36

Tgt Ion: 75 Resp: 2589
 Ion Ratio Lower Upper
 75 100
 77 34.7 23.0 42.6





#65

1,4-Dichlorobenzene

Concen: 0.478 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.00 min

Lab File: VU041662.D

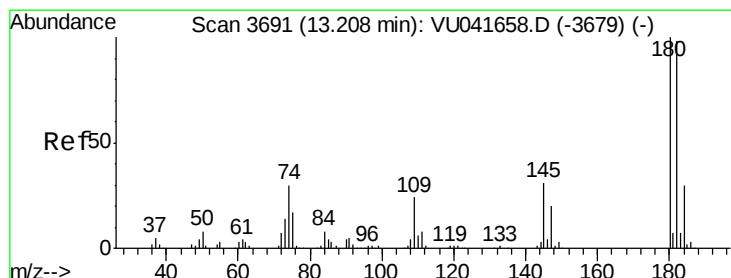
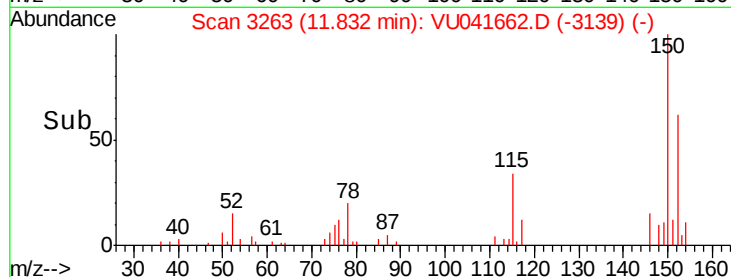
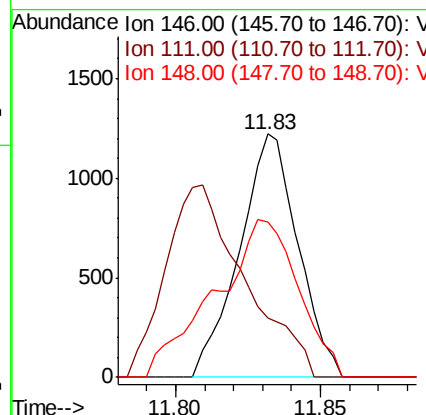
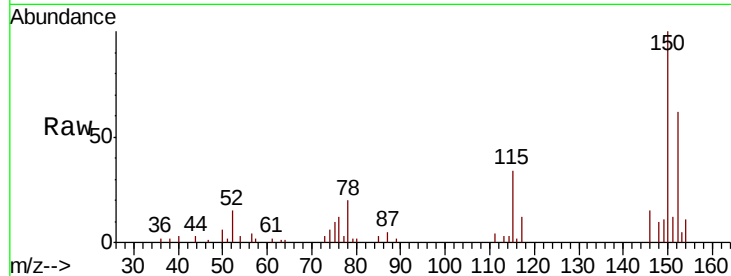
Acq: 16 Dec 2020 11:36

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	146	Resp:	1713
Ion	Ratio	Lower	Upper
146	100		
111	24.3	28.1	52.1#
148	63.8	44.8	83.2



#69

1,3,5-Trichlorobenzene

Concen: 0.593 ug/L

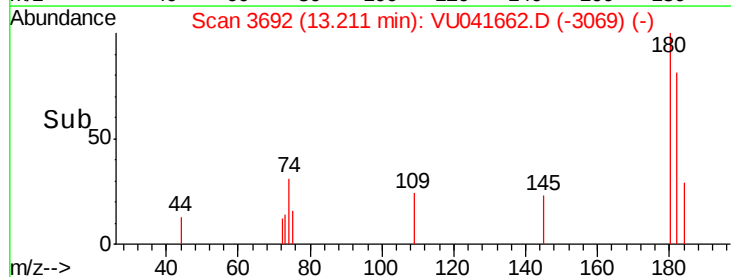
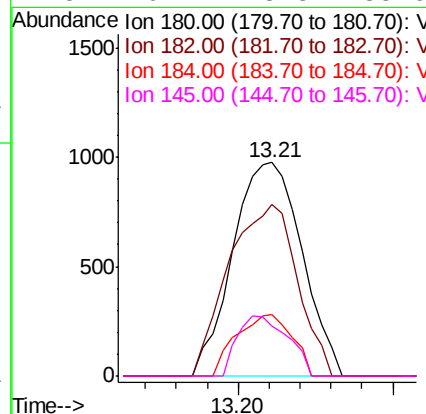
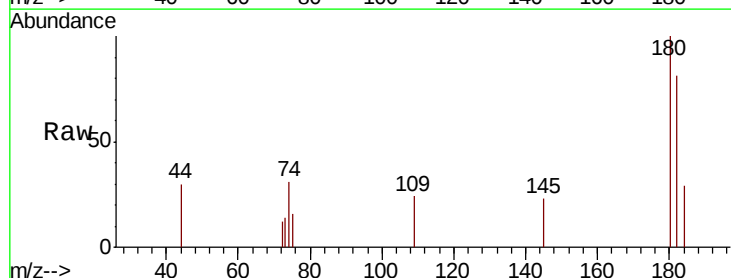
RT: 13.21 min Scan# 3692

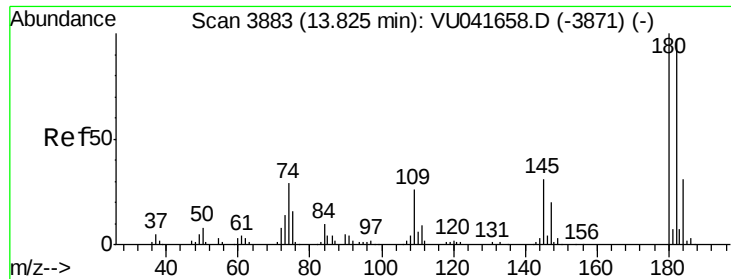
Delta R.T. 0.00 min

Lab File: VU041662.D

Acq: 16 Dec 2020 11:36

Tgt Ion:	180	Resp:	1516
Ion	Ratio	Lower	Upper
180	100		
182	79.9	77.1	115.7
184	23.2	23.9	35.9#
145	20.4	23.8	35.6#

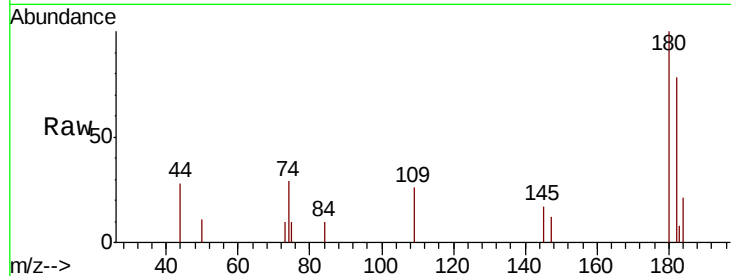




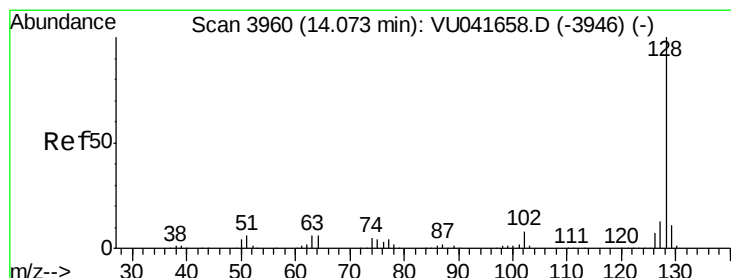
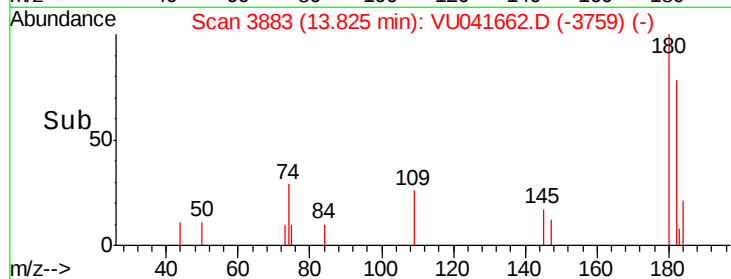
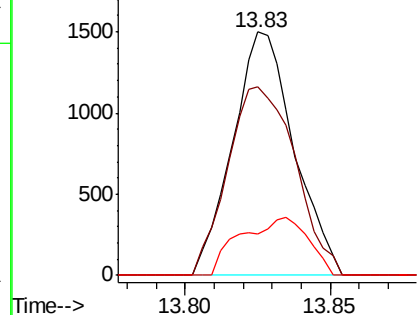
#70
 1,2,4-trichlorobenzene
 Concen: 1.074 ug/L
 RT: 13.83 min Scan# 3883
 Delta R.T. 0.00 min
 Lab File: VU041662.D
 Acq: 16 Dec 2020 11:36

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 2204
 Ion Ratio Lower Upper
 180 100
 182 85.4 75.9 113.9
 145 10.1 24.1 36.1#

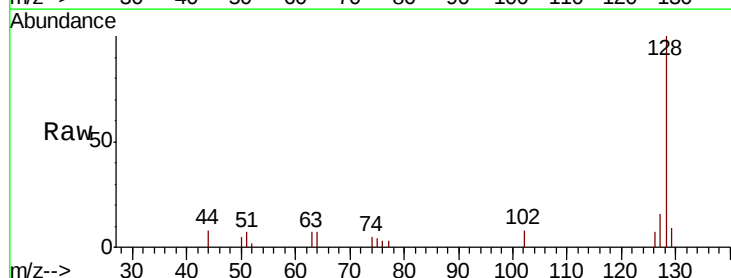


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

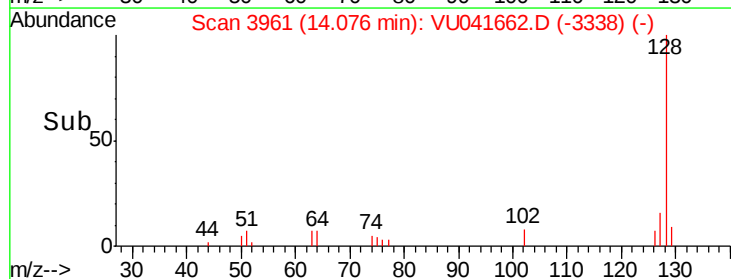
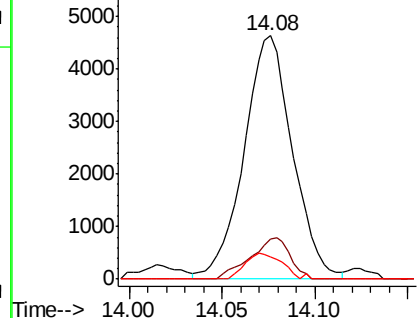


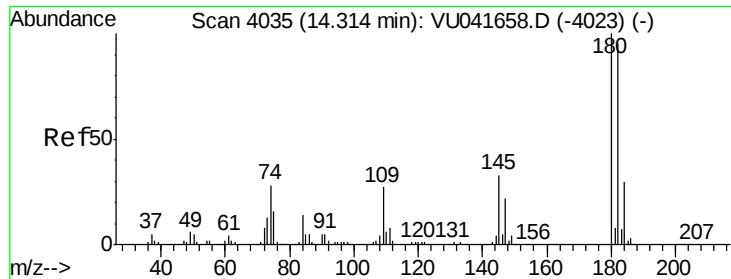
#71
 Naphthalene
 Concen: 1.269 ug/L
 RT: 14.08 min Scan# 3961
 Delta R.T. 0.00 min
 Lab File: VU041662.D
 Acq: 16 Dec 2020 11:36

Tgt Ion:128 Resp: 8460
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.5 15.7
 129 7.9 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

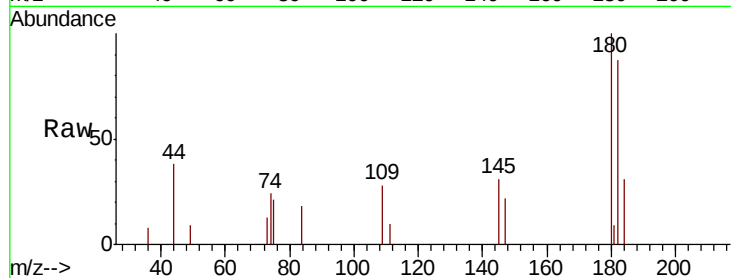




#72
 1,2,3-Trichlorobenzene
 Concen: 1.208 ug/L
 RT: 14.31 min Scan# 4034
 Delta R.T. -0.00 min
 Lab File: VU041662.D
 Acq: 16 Dec 2020 11:36

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.2	75.8	113.6
145	27.7	26.2	39.4



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

