

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122420\
 Data File : VU041798.D
 Acq On : 24 Dec 2020 09:42
 Operator : SY/MD
 Sample : VU1224WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK202

Quant Time: Dec 25 02:18:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 02:17:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	318003	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	294960	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	118741	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	126887	53.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.78%
7) Chloroethane-d5	1.92	69	119319	59.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.74%
11) 1,1-Dichloroethene-d2	2.58	63	186075	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
21) 2-Butanone-d5	4.64	46	178715	98.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	5.08	84	205830	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
26) 1,2-Dichloroethane-d4	5.71	65	131624	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.74	84	420624	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
36) 1,2-Dichloropropane-d6	6.70	67	130523	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.68%
41) Toluene-d8	7.90	98	377311	46.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.96%
43) trans-1,3-Dichloropropene-	8.18	79	64212	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.08%
47) 2-Hexanone-d5	8.64	63	140475	97.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.38%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	188567	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
66) 1,2-Dichlorobenzene-d4	12.19	152	132506	54.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.52%

Target Compounds

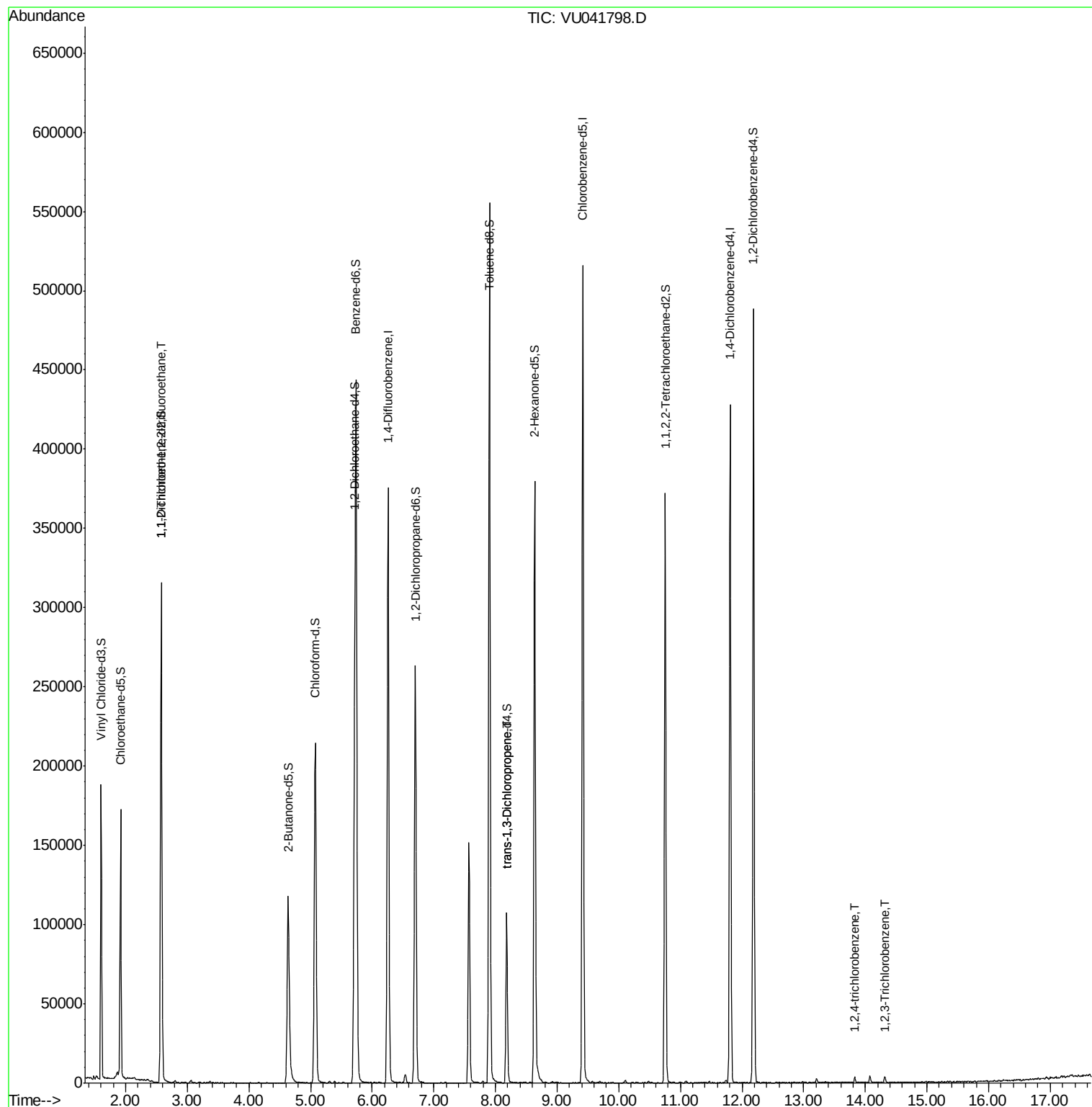
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	2037	0.953 ug/L #	22
44) trans-1,3-Dichloropropene	8.19	75	2692	0.744 ug/L	92
70) 1,2,4-trichlorobenzene	13.83	180	1496	0.664 ug/L	83
72) 1,2,3-Trichlorobenzene	14.31	180	1490	0.655 ug/L #	89

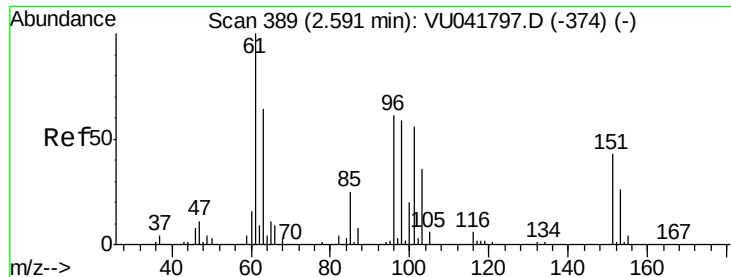
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 25 02:17:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.953 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041798.D

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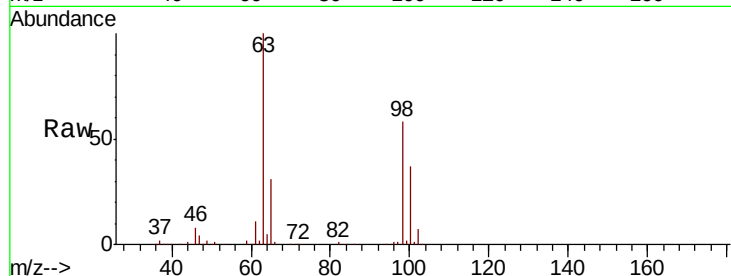
Tot Ion:101 Resp: 2037

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

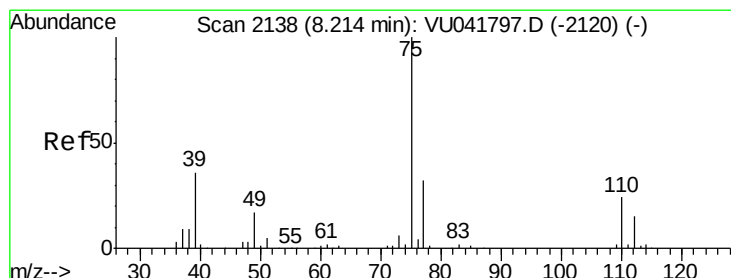
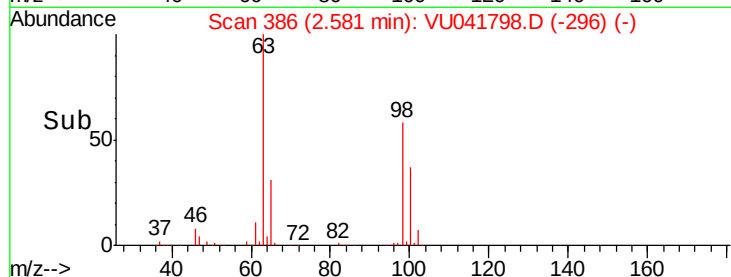
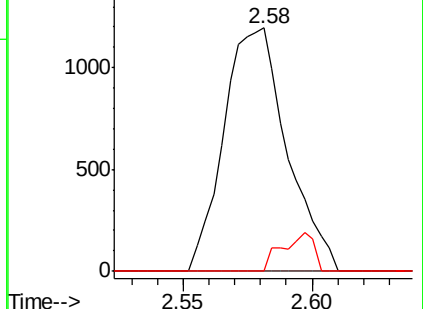
151 3.2 60.4 90.6#



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



#44

trans-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041798.D

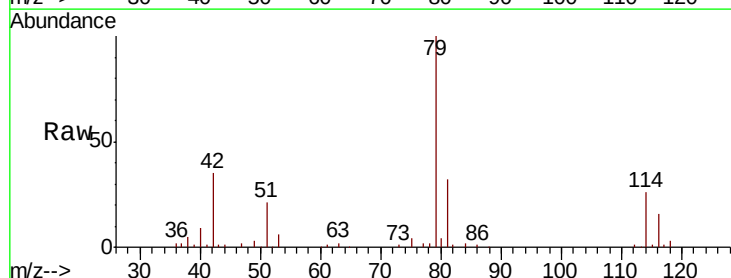
Acq: 24 Dec 2020 09:42

Tgt Ion: 75 Resp: 2692

Ion Ratio Lower Upper

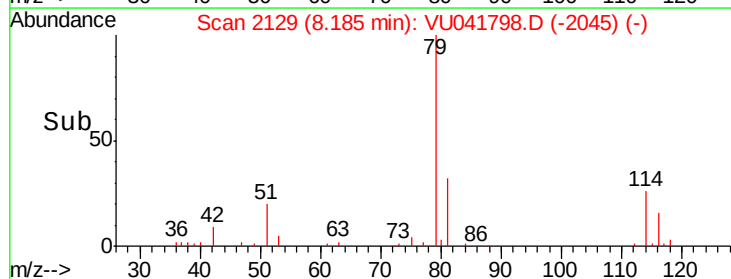
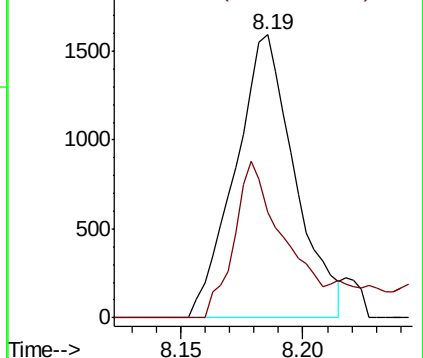
75 100

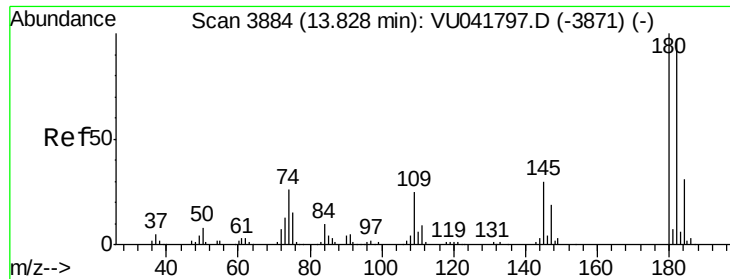
77 37.2 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

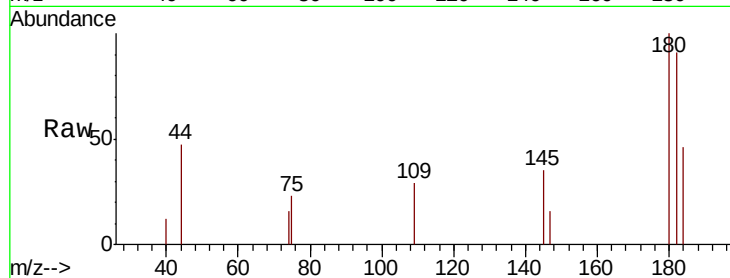




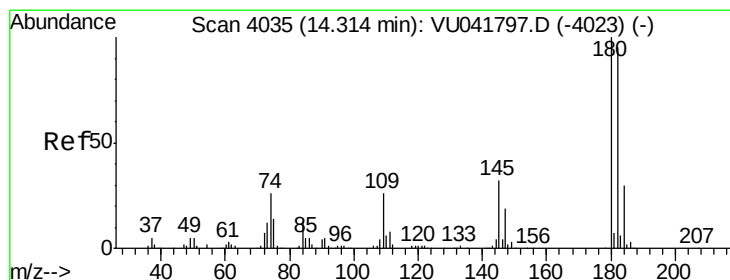
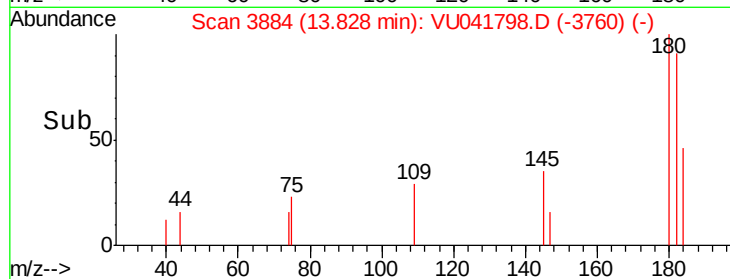
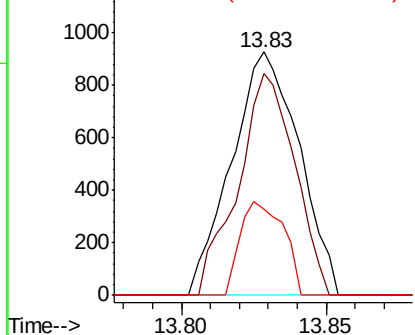
#70
 1,2,4-trichlorobenzene
 Concen: 0.664 ug/L
 RT: 13.83 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VU041798.D
 Acq: 24 Dec 2020 09:42

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Tot Ion:180 Resp: 1496
 Ion Ratio Lower Upper
 180 100
 182 76.5 75.9 113.9
 145 24.8 24.1 36.1

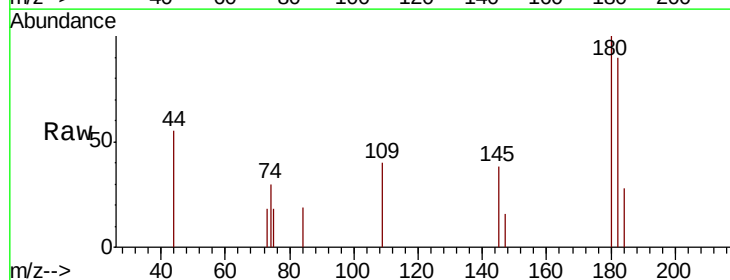


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#72
 1,2,3-Trichlorobenzene
 Concen: 0.655 ug/L
 RT: 14.31 min Scan# 4035
 Delta R.T. 0.00 min
 Lab File: VU041798.D
 Acq: 24 Dec 2020 09:42

Tgt Ion:180 Resp: 1490
 Ion Ratio Lower Upper
 180 100
 182 85.3 75.8 113.6
 145 23.8 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

