

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040293.D
 Acq On : 25 Sep 2020 12:32
 Operator : SY/MD
 Sample : L4147-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFA7

Quant Time: Sep 26 06:04:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	168019	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	172322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	78503	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33818	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.92	69	31880	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.58	63	55818	2.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.40%#
20) 2-Butanone-d5	4.66	46	163759	44.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.26%
24) Chloroform-d	5.08	84	73868	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
26) 1,2-Dichloroethane-d4	5.72	65	48531	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
32) Benzene-d6	5.74	84	141347	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.20%
36) 1,2-Dichloropropane-d6	6.70	67	49041	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.00%
41) Toluene-d8	7.91	98	116556	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.20%#
43) trans-1,3-Dichloropropene-	8.19	79	18915	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.64	63	122334	42.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44068	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	46922	3.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.80%#

Target Compounds

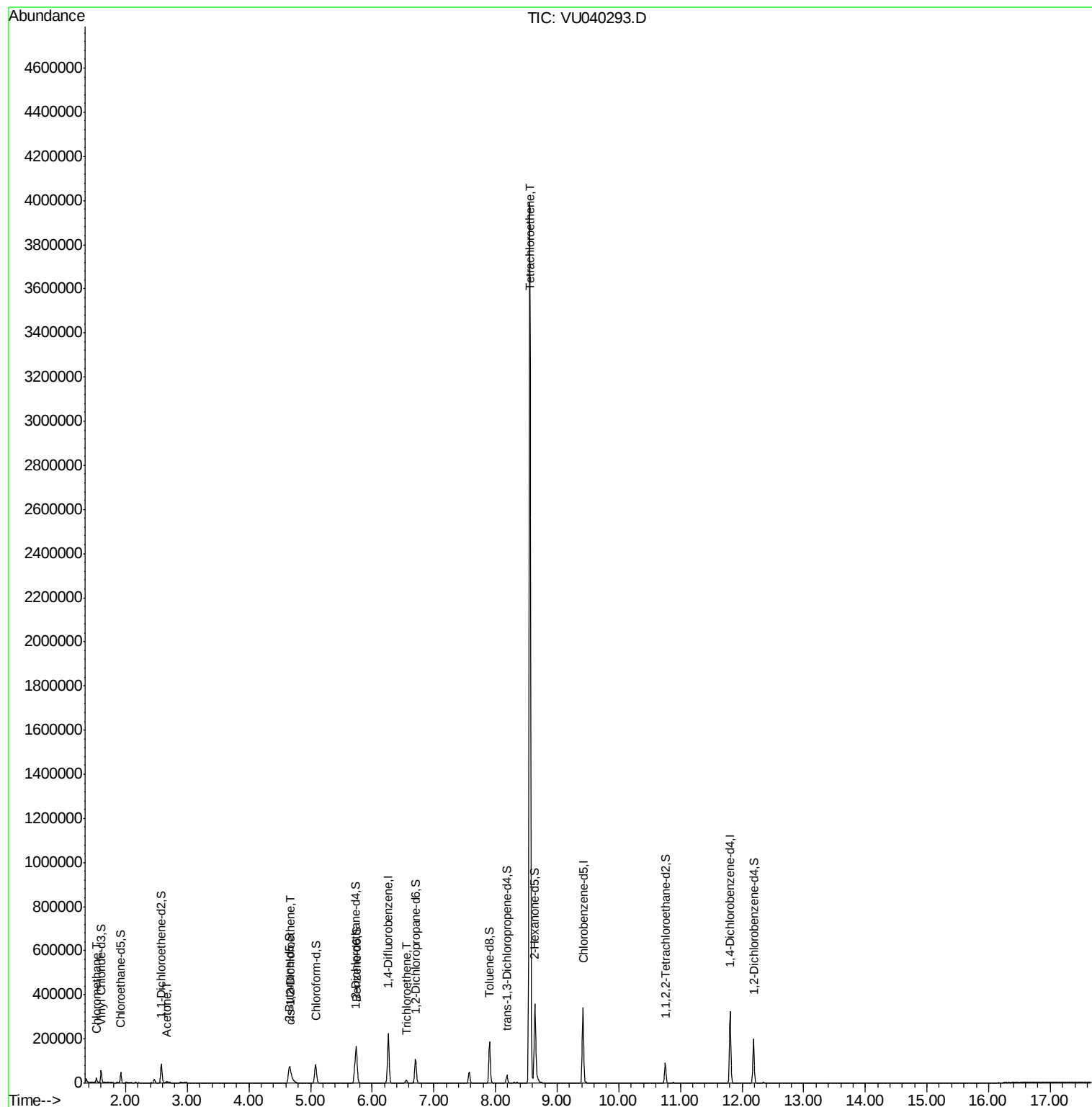
					Ovalue
3) Chloromethane	1.53	50	13506	0.846	ug/L 96
13) Acetone	2.67	43	15287	4.501	ug/L 98
22) cis-1,2-Dichloroethene	4.68	96	1820	0.121	ug/L 89
34) Trichloroethene	6.55	95	4769	0.288	ug/L 98
47) Tetrachloroethene	8.56	164	793744	73.074	ug/L 98

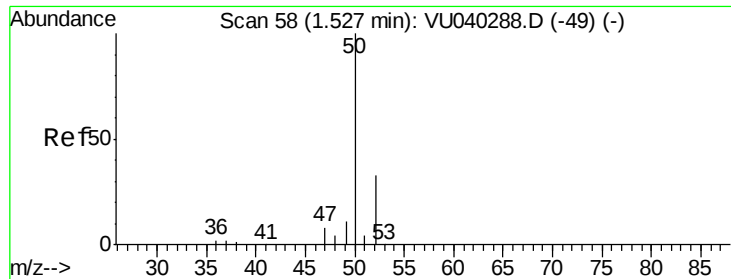
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092620\
Data File : VU040293.D
Acq On : 25 Sep 2020 12:32
Operator : SY/MD
Sample : L4147-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFS7

Quant Time: Sep 26 06:04:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 04:43:23 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.846 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040293.D

Acq: 25 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

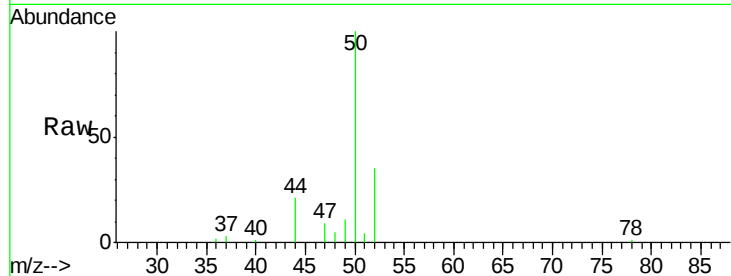
BFSA7

Tot Ion: 50 Resp: 13506

Ion Ratio Lower Upper

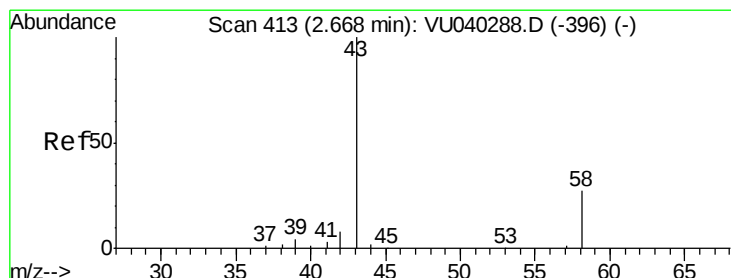
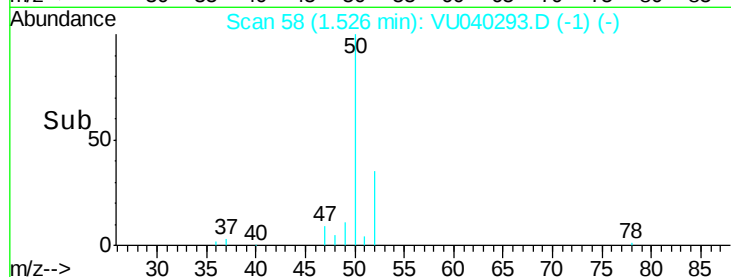
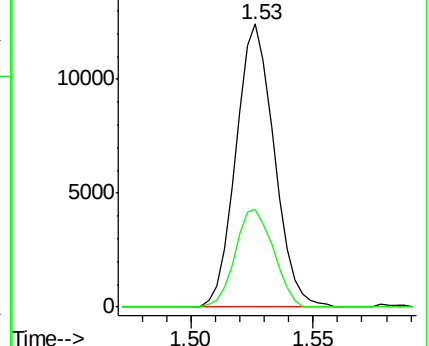
50 100

52 34.7 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 4.501 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040293.D

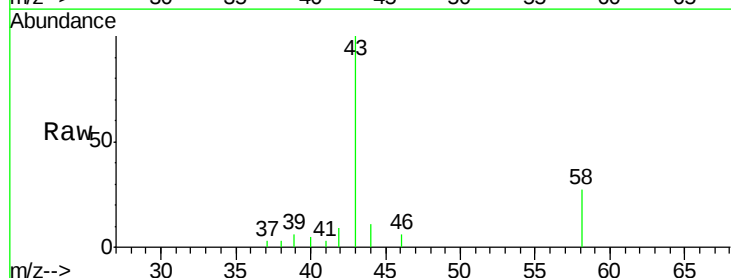
Acq: 25 Sep 2020 12:32

Tgt Ion: 43 Resp: 15287

Ion Ratio Lower Upper

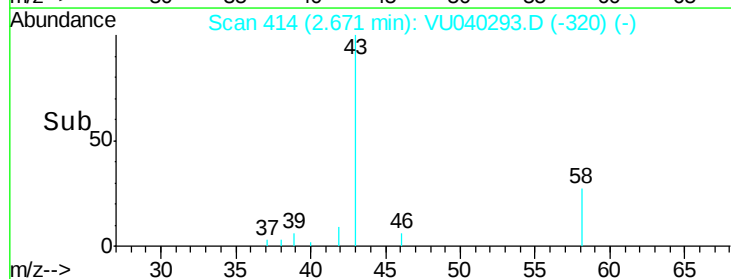
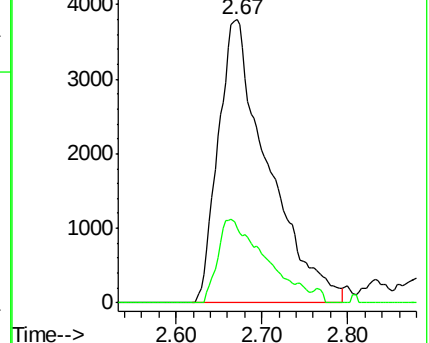
43 100

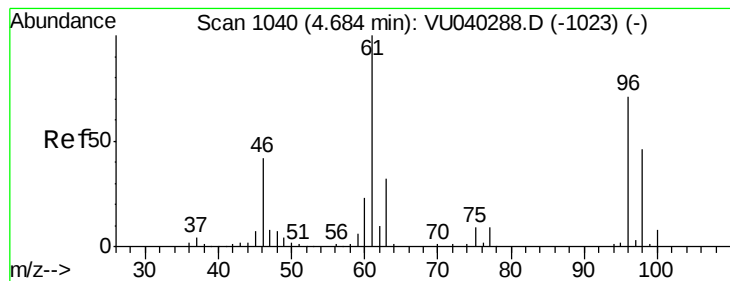
58 26.8 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040293.D

Acq: 25 Sep 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

BFSA7

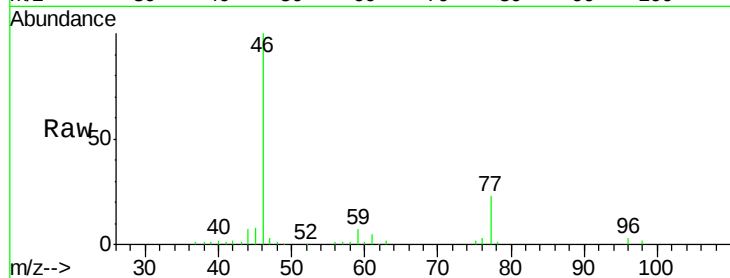
Tot Ion: 96 Resp: 1820

Ion Ratio Lower Upper

96 100

61 155.0 98.8 183.4

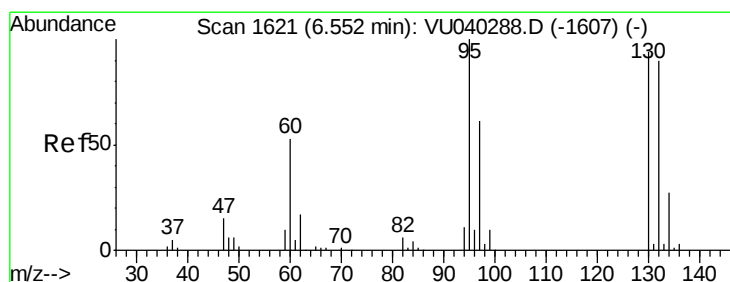
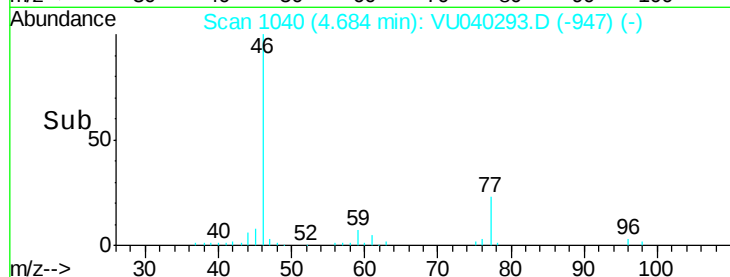
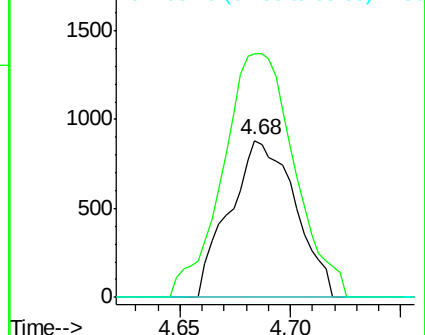
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040293.D (-1528) (-)

Ion 61.05 (60.75 to 61.75): VU040293.D (-1528) (-)

Ion 68.15 (67.85 to 68.85): VU040293.D (-1528) (-)



#34

Trichloroethene

Concen: 0.288 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040293.D

Acq: 25 Sep 2020 12:32

Tgt Ion: 95 Resp: 4769

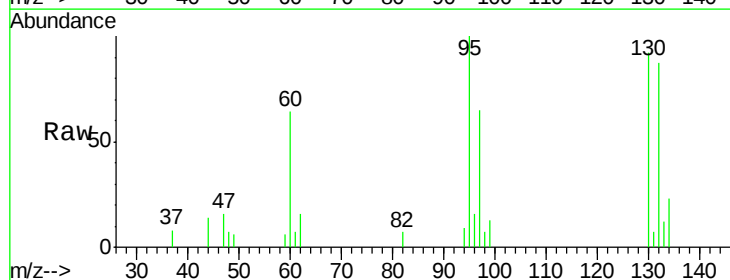
Ion Ratio Lower Upper

95 100

97 65.0 43.3 80.5

132 87.2 59.4 110.4

130 92.0 64.8 120.4

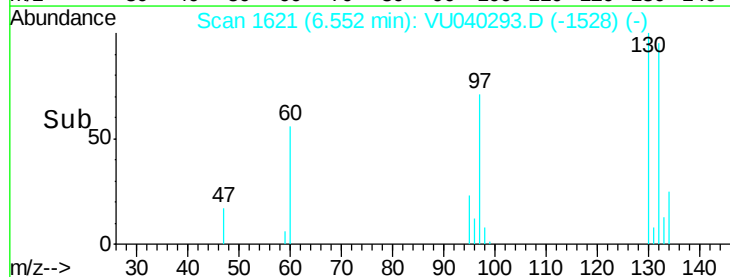
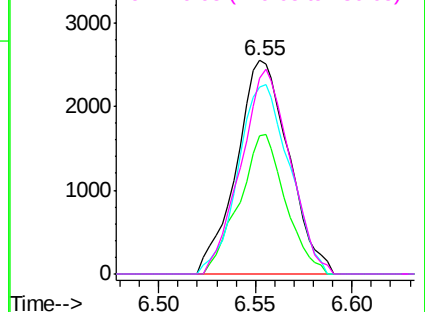


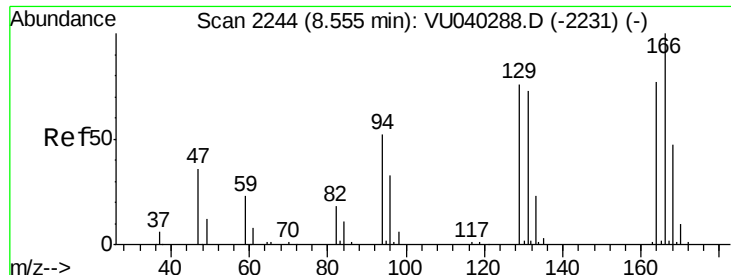
Abundance Ion 95.00 (94.70 to 95.70): VU040293.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040293.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040293.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040293.D (-1528) (-)





#47

Tetrachloroethene

Concen: 73.074 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040293.D

Acq: 25 Sep 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
BFS7

Tot Ion:164 Resp: 793744

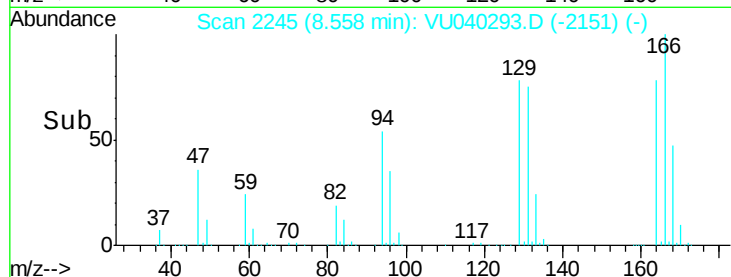
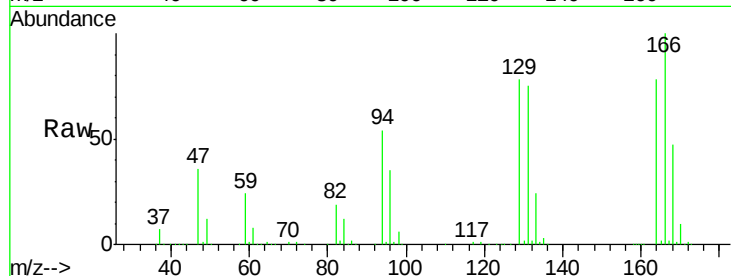
Ion Ratio Lower Upper

164 100

129 100.2 71.5 132.7

131 96.0 65.9 122.5

166 128.3 87.3 162.1



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

