

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU061919\
 Data File : VU032848.D
 Acq On : 19 Jun 2019 11:10
 Operator : JC/SP
 Sample : K3413-21MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALG8MS

Quant Time: Jun 21 14:55:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	96384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	94100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31153	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.68	69	26119	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.27	63	67058	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.18	46	104512	59.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.52%
24) Chloroform-d	4.64	84	65215	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.30	65	37742	6.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.80%
32) Benzene-d6	5.33	84	125716	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.32	67	40677	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.56	98	113382	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	7.85	79	17573	5.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.00%
46) 2-Hexanone-d5	8.31	63	81140	52.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34025	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	49105	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

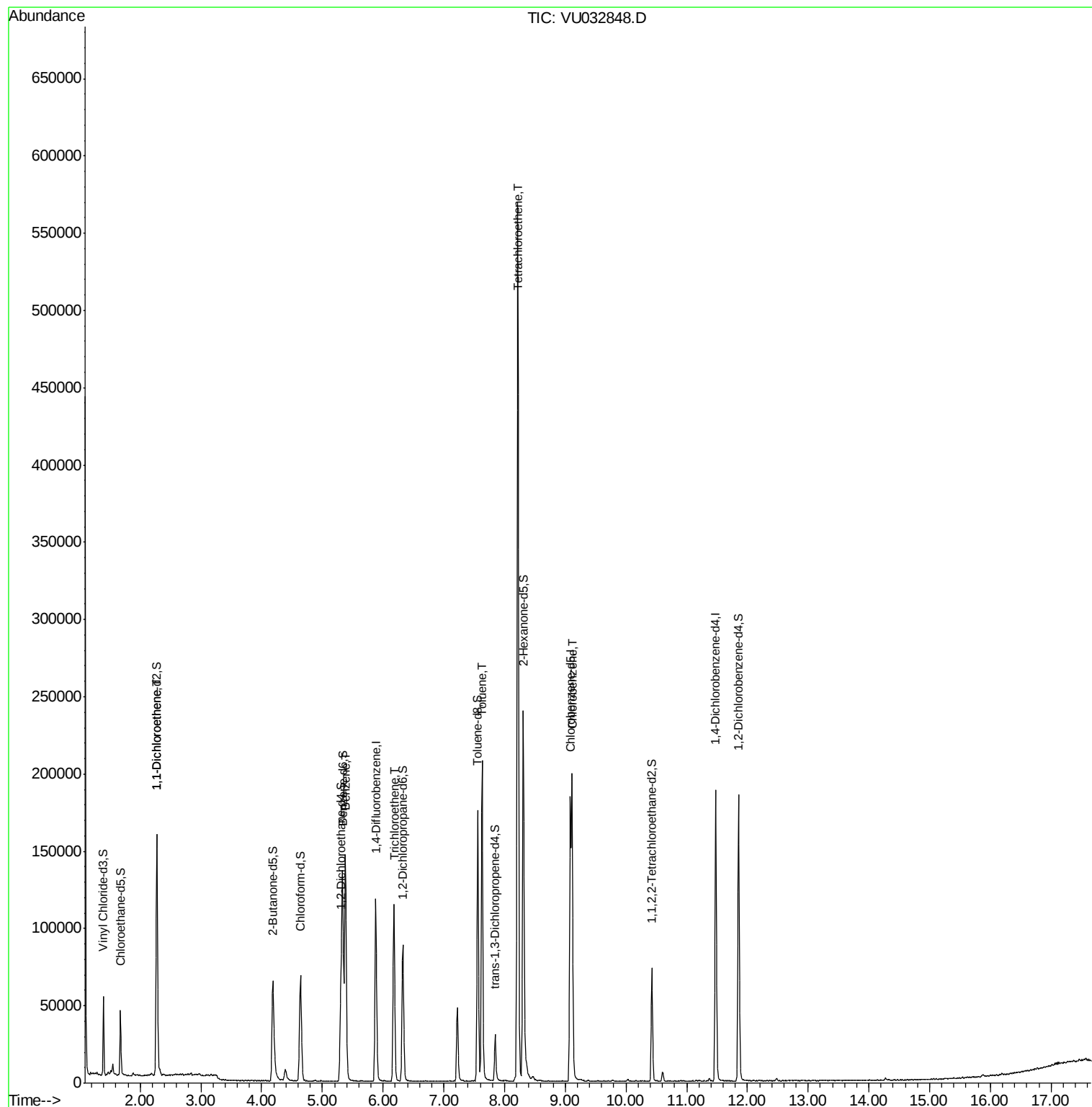
					Ovalue
12) 1,1-Dichloroethene	2.28	96	28468	4.649 ug/L	89
33) Benzene	5.38	78	137961	4.973 ug/L	100
34) Trichloroethene	6.18	95	37960	4.757 ug/L	98
42) Toluene	7.63	91	147600	4.773 ug/L	97
47) Tetrachloroethene	8.22	164	121046	19.275 ug/L	97
51) Chlorobenzene	9.11	112	98418	5.077 ug/L	98

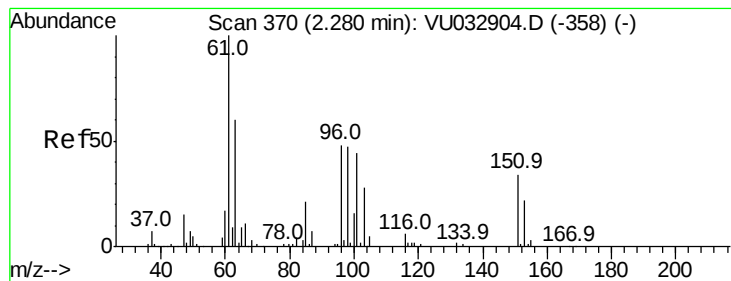
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.649 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032848.D

Acq: 19 Jun 2019 11:10

Instrument :

MSVOA_U

ClientSampleId :

GALG8MS

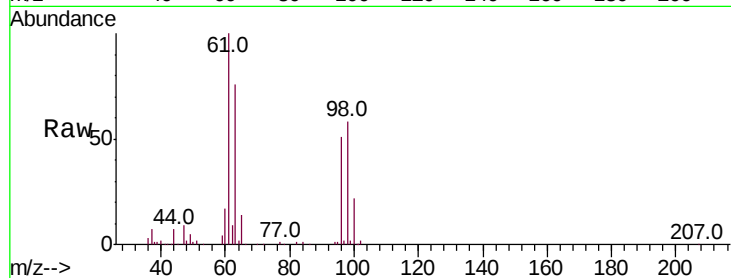
Tot Ion: 96 Resp: 28468

Ion Ratio Lower Upper

96 100

61 197.5 131.8 244.8

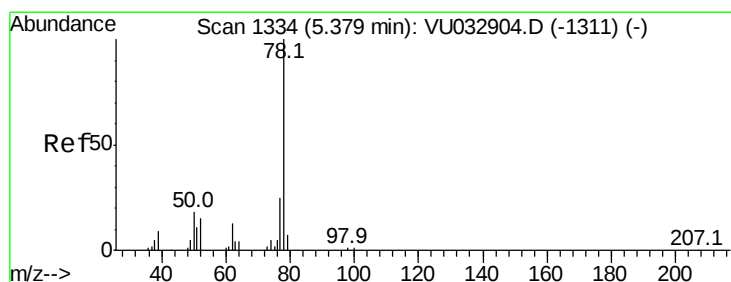
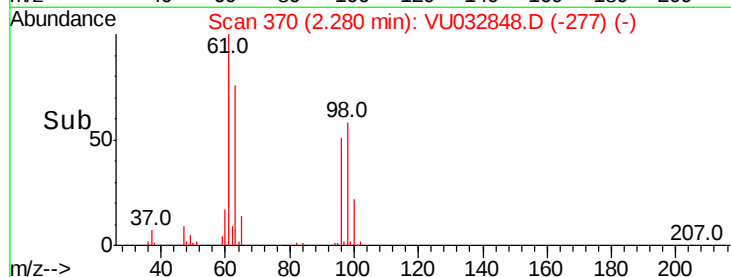
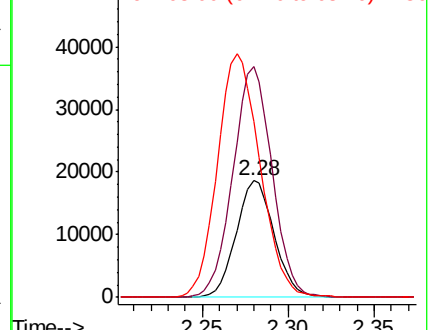
63 150.5 90.1 167.3



Abundance Ion 96.00 (95.70 to 96.70): VU032848.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032848.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032848.D (-277) (-)



#33

Benzene

Concen: 4.973 ug/L

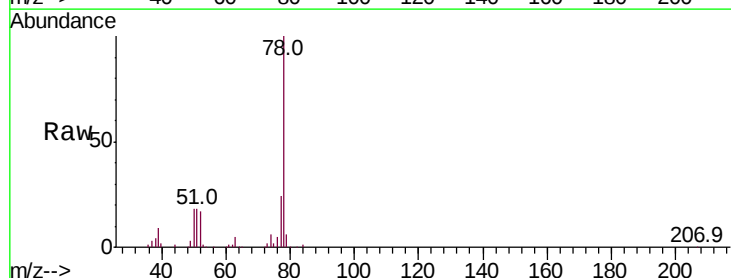
RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

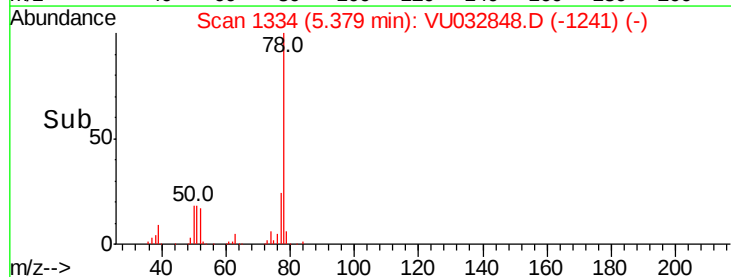
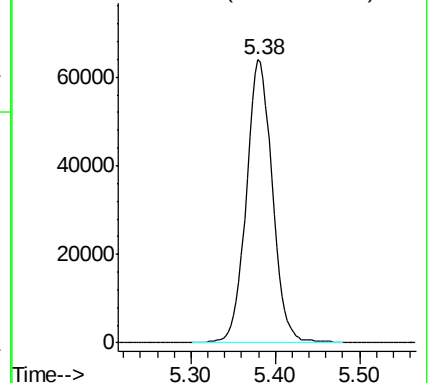
Lab File: VU032848.D

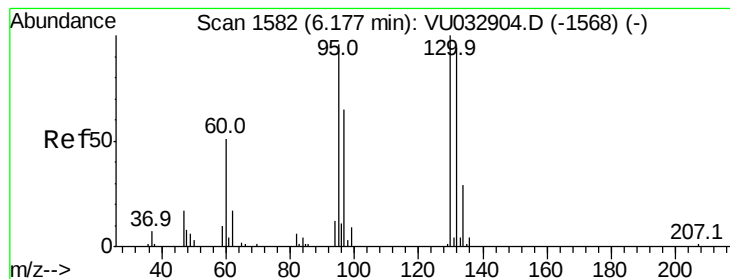
Acq: 19 Jun 2019 11:10

Tgt Ion: 78 Resp: 137961



Abundance Ion 78.10 (77.80 to 78.80): VU032848.D (-1241) (-)





#34

Trichloroethene

Concen: 4.757 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032848.D

Acq: 19 Jun 2019 11:10

Instrument :

MSVOA_U

ClientSampleId :

GALG8MS

Tot Ion: 95 Resp: 37960

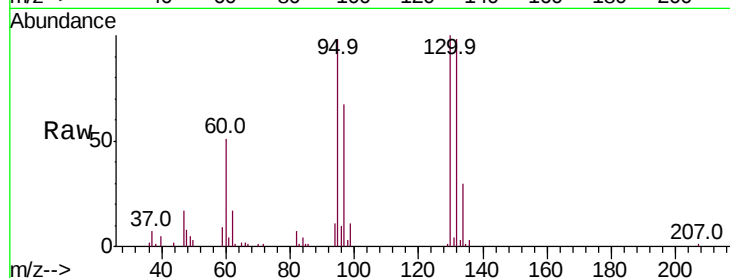
Ion Ratio Lower Upper

95 100

97 68.3 44.1 81.9

132 99.9 68.8 127.8

130 102.0 71.0 131.8

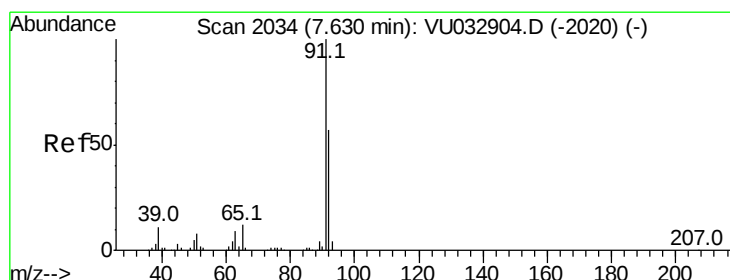
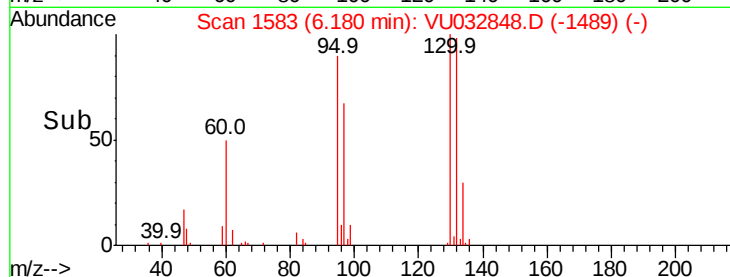
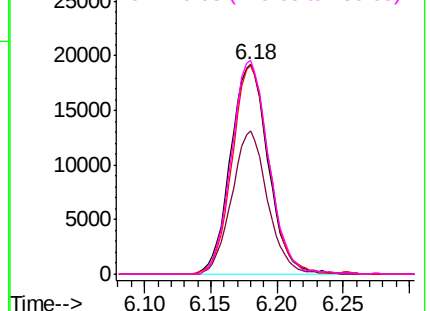


Abundance Ion 95.00 (94.70 to 95.70): VU032904.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU032904.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU032904.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU032904.D (-1568) (-)



#42

Toluene

Concen: 4.773 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032848.D

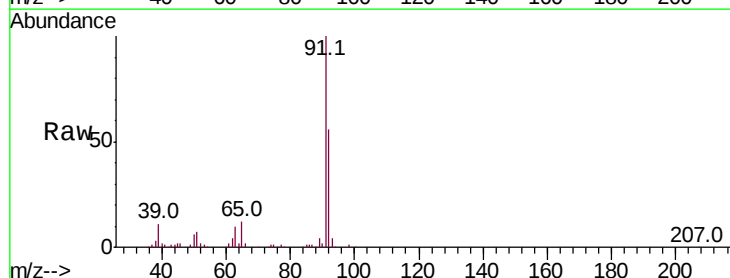
Acq: 19 Jun 2019 11:10

Tgt Ion: 91 Resp: 147600

Ion Ratio Lower Upper

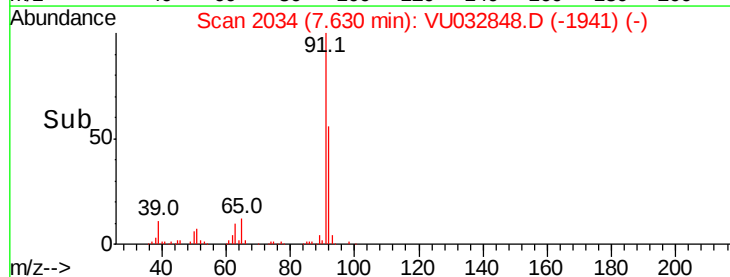
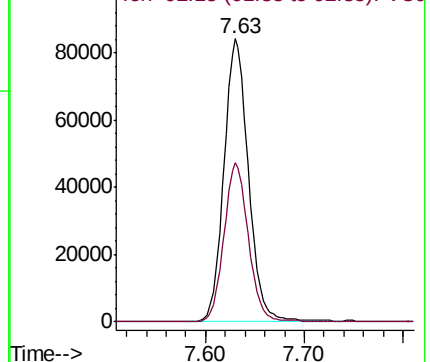
91 100

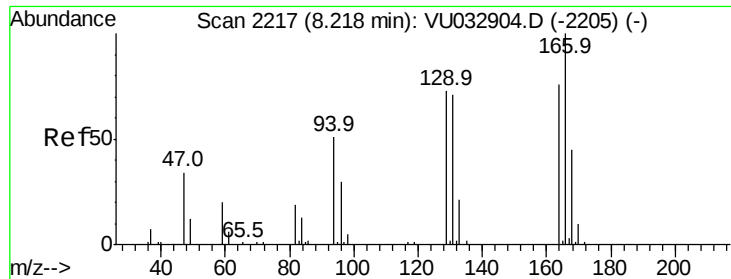
92 56.1 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032904.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU032904.D (-2020) (-)

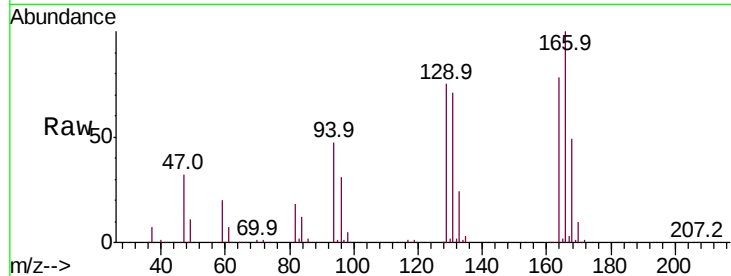




#47
Tetrachloroethene
Concen: 19.275 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Instrument :
MSVOA_U
ClientSampleId :
GALG8MS

Tot Ion	Ratio	Lower	Upper
164	100		
129	95.6	66.1	122.7
131	91.1	65.6	121.8
166	127.9	93.2	173.2



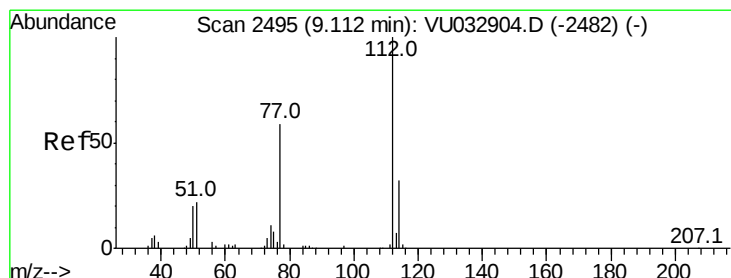
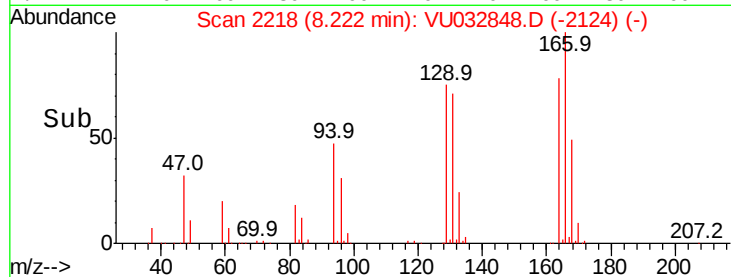
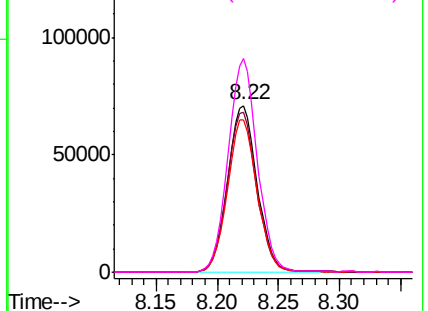
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

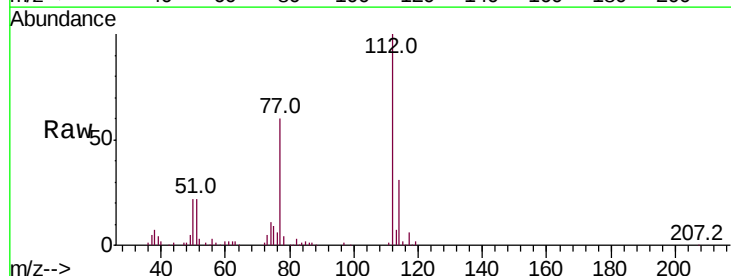
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 5.077 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU032848.D
Acq: 19 Jun 2019 11:10

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.4	41.6
77	59.8	46.5	69.7



Abundance

Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU

