

Data File : VU034391.D
Acq On : 07 Sep 2019 19:26
Operator : JC/SP
Sample : K4724-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDB7

Quant Time: Sep 08 02:36:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	267211	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	270493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	127808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72101	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.68	69	67526	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.26	63	109486	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.17	46	197001	47.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	4.63	84	153267	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.29	65	75028	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.32	84	329281	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.31	67	107242	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.55	98	284859	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.84	79	34491	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.30	63	146591	43.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	81717	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	117168	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

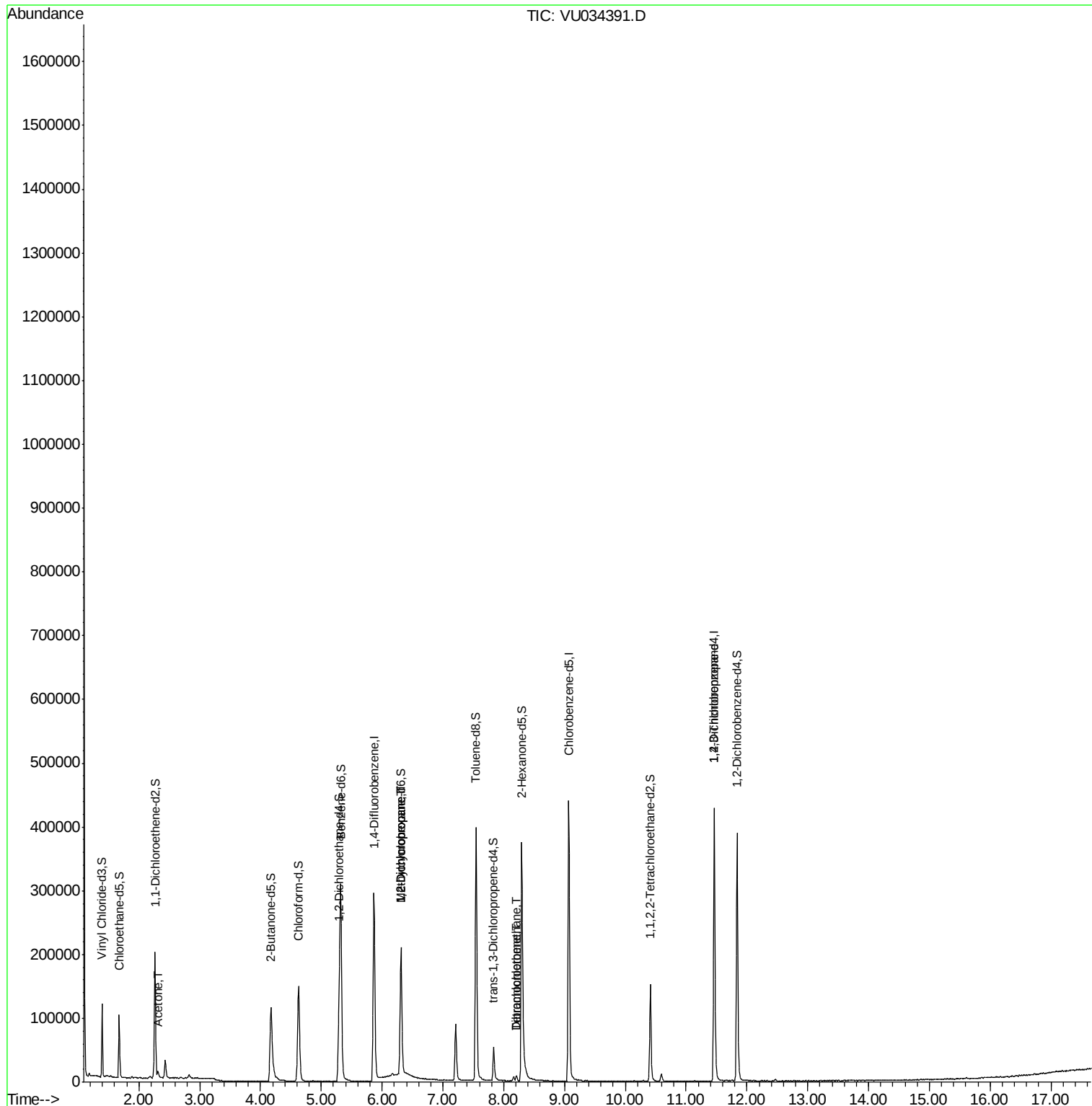
					Qvalue
13) Acetone	2.31	43	8756	3.146	ug/L 90
35) Methylcyclohexane	6.31	83	23825	0.682	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	10552	0.501	ug/L # 89
47) Tetrachloroethene	8.21	164	2241	0.129	ug/L 89
49) Dibromochloromethane	8.21	129	1954	0.122	ug/L # 11
59) 1,2,3-Trichloropropane	11.46	75	14044	1.163	ug/L 98

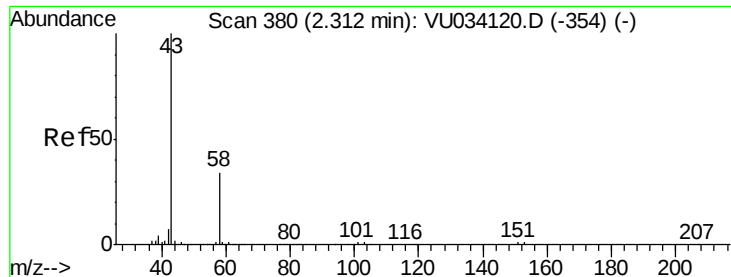
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.146 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

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Acq: 07 Sep 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

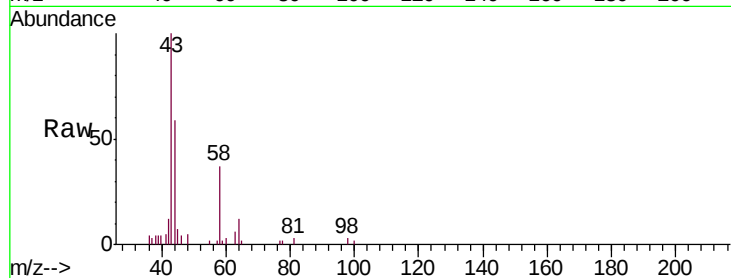
BFDB7

Tgt Ion: 43 Resp: 8756

Ion Ratio Lower Upper

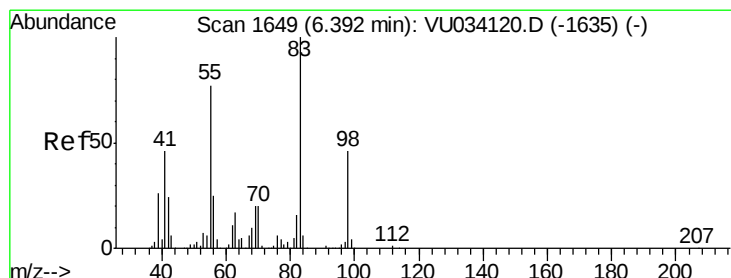
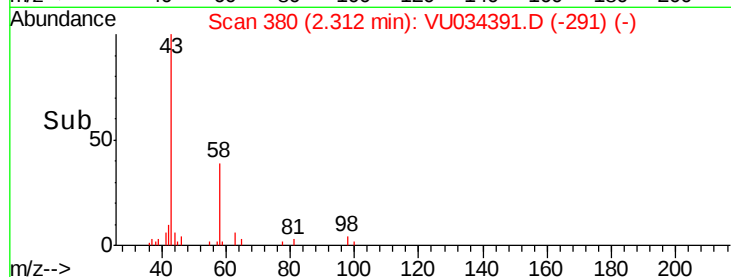
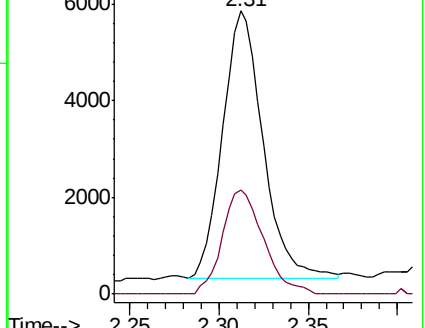
43 100

58 39.4 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034120.D (-354) (-)

Ion 58.05 (57.75 to 58.75): VU034120.D (-354) (-)



#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU034391.D

Acq: 07 Sep 2019 19:26

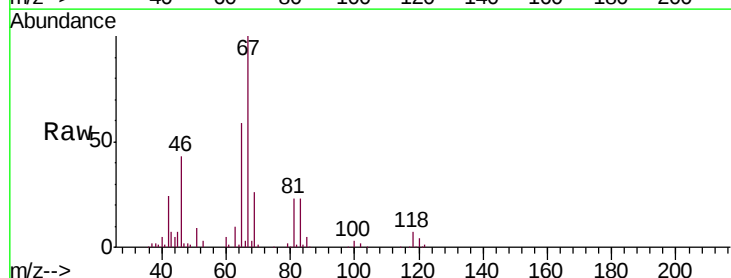
Tgt Ion: 83 Resp: 23825

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

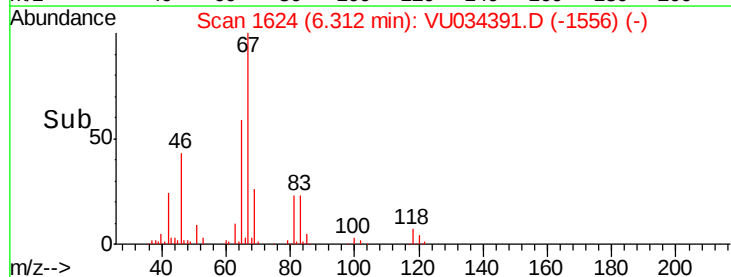
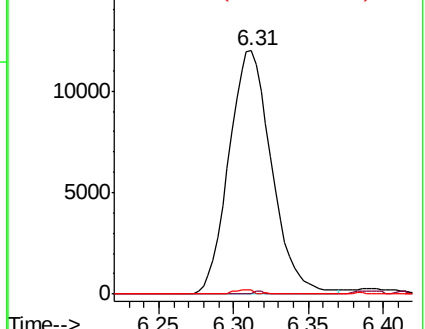
98 0.7 36.2 54.2#

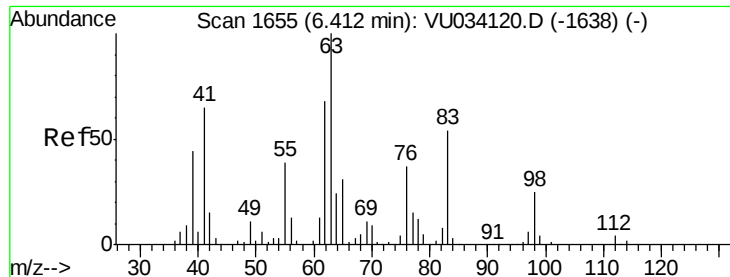


Abundance Ion 83.15 (82.85 to 83.85): VU034120.D (-1635) (-)

Ion 55.10 (54.80 to 55.80): VU034120.D (-1635) (-)

Ion 98.15 (97.85 to 98.85): VU034120.D (-1635) (-)

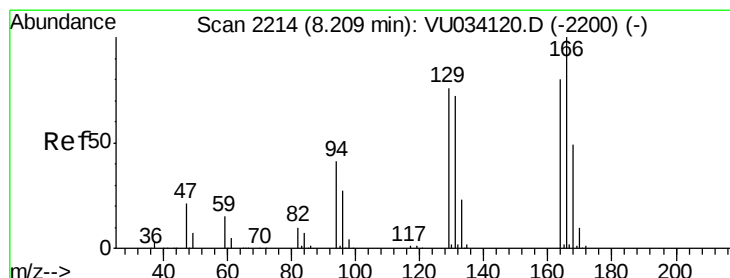
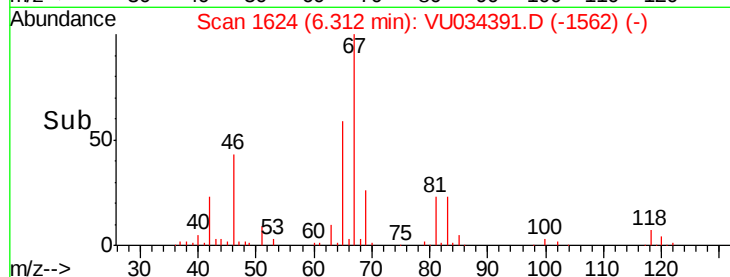
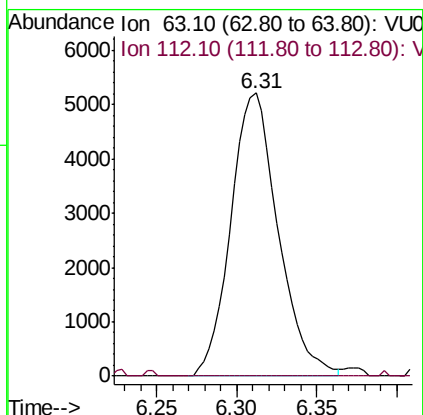
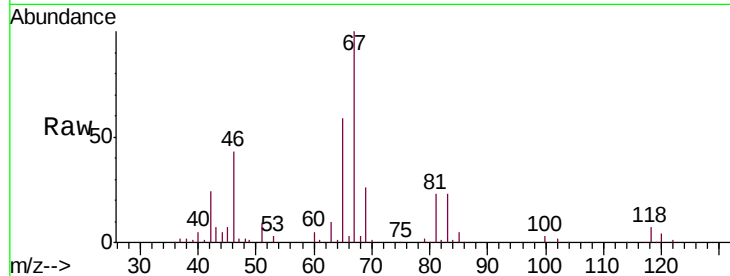




#37
 1,2-Dichloropropane
 Concen: 0.501 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034391.D
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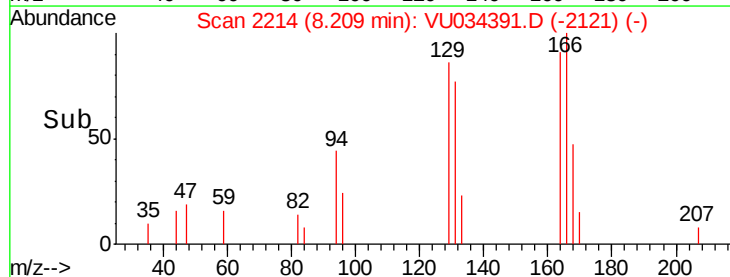
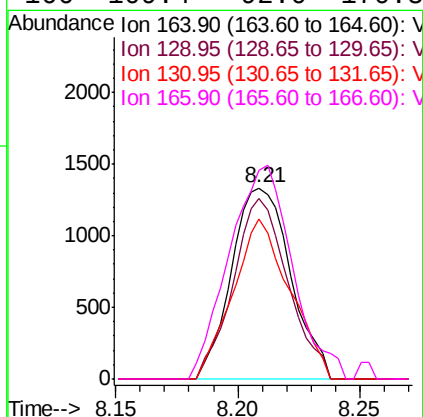
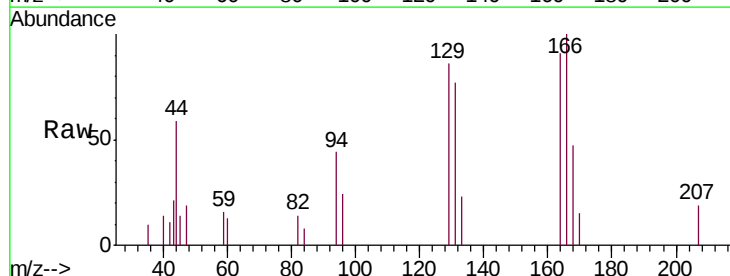
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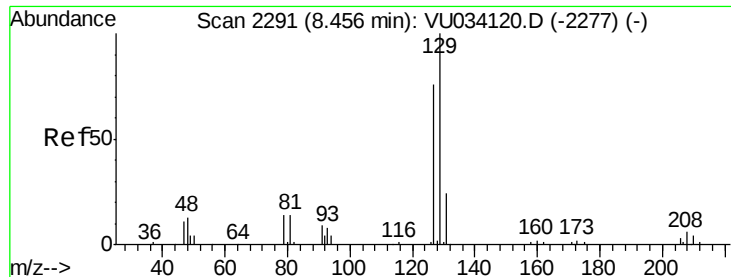
Tgt Ion: 63 Resp: 10552
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 0.129 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU034391.D
 Acq: 07 Sep 2019 19:26

Tgt Ion: 164 Resp: 2241
 Ion Ratio Lower Upper
 164 100
 129 94.5 68.0 126.2
 131 84.0 64.6 120.0
 166 109.4 92.0 170.8





#49

Dibromochloromethane

Concen: 0.122 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU034391.D

Acq: 07 Sep 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

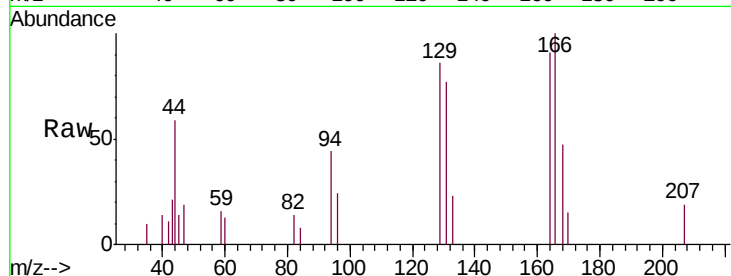
BFDB7

Tgt Ion: 129 Resp: 1954

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.21

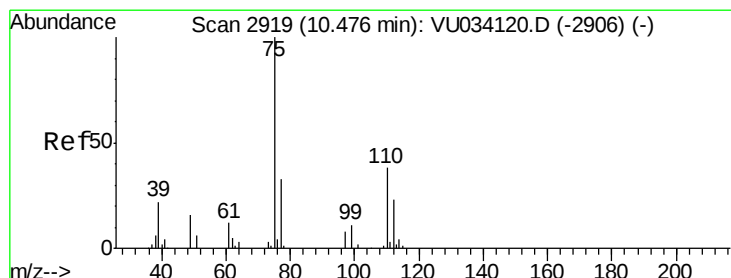
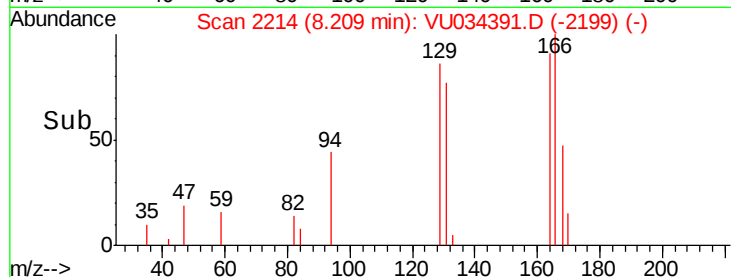
1500

1000

500

0

Time--> 8.15 8.20 8.25



#59

1,2,3-Trichloropropane

Concen: 1.163 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034391.D

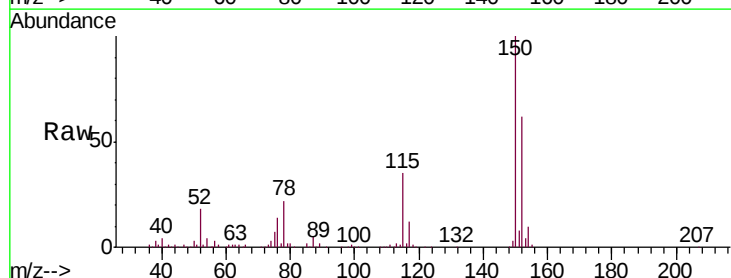
Acq: 07 Sep 2019 19:26

Tgt Ion: 75 Resp: 14044

Ion Ratio Lower Upper

75 100

77 33.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.46

10000

8000

6000

4000

2000

0

Time--> 11.40 11.45 11.50 11.55

