

Data File : VU031834.D
Acq On : 08 May 2019 20:37
Operator : JC/SP
Sample : K2739-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB853

Quant Time: May 09 05:37:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	415354	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446228	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143237	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.67	69	123764	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.27	63	211546	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.19	46	513145	46.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	4.64	84	287607	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	158269	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.33	84	533914	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.32	67	194976	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.56	98	417773	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.85	79	56697	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.31	63	333371	44.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	152432	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	147292	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

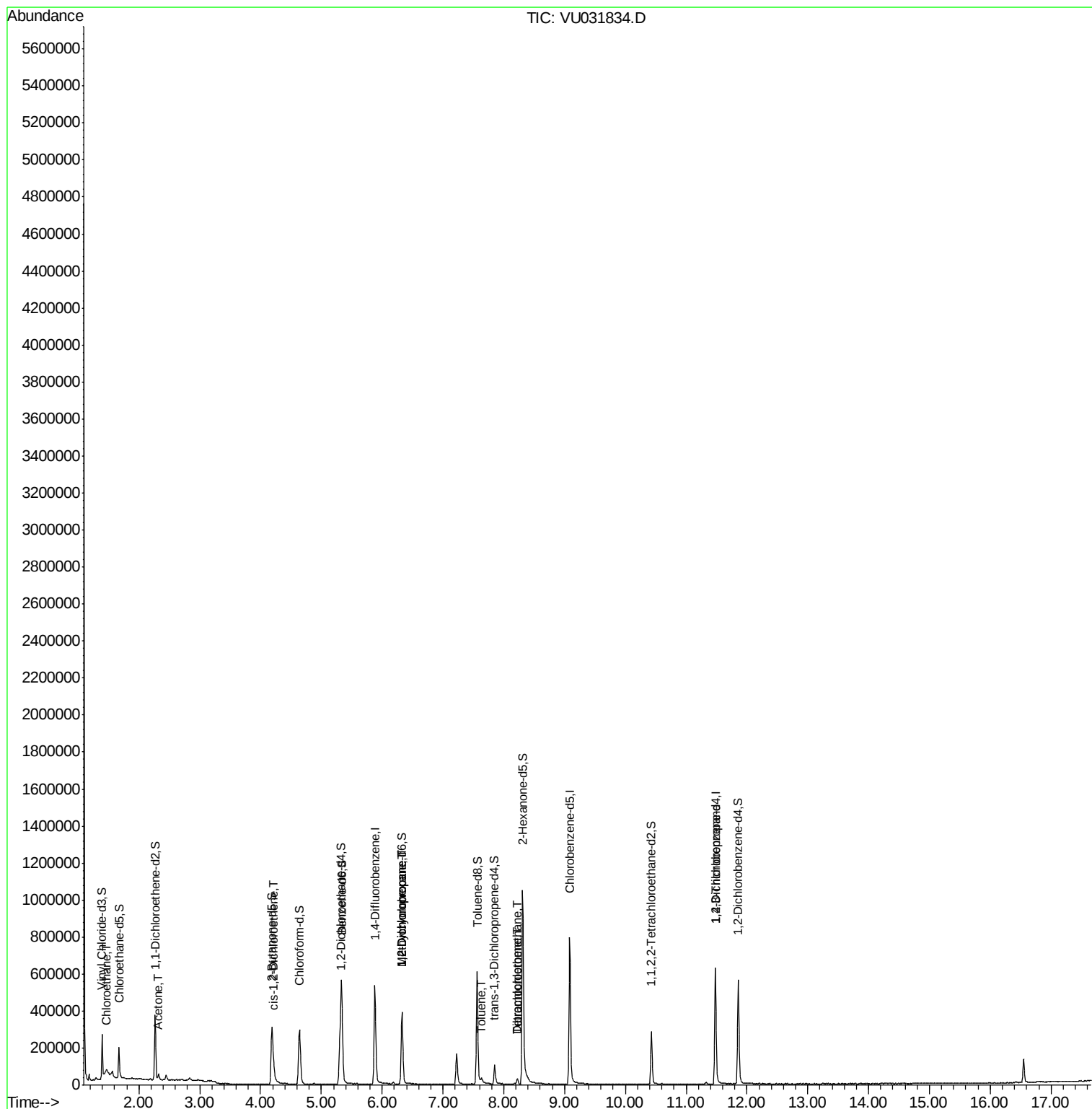
					Qvalue
8) Chloroethane	1.46	64	64521	2.352 ug/L #	50
13) Acetone	2.32	43	26198	3.471 ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	9000	0.246 ug/L	76
35) Methylcyclohexane	6.33	83	42642	0.757 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20535	0.461 ug/L #	92
42) Toluene	7.64	91	15772	0.103 ug/L	92
47) Tetrachloroethene	8.22	164	7000	0.274 ug/L	87
49) Dibromochloromethane	8.22	129	7311	0.238 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	24116	0.915 ug/L	98

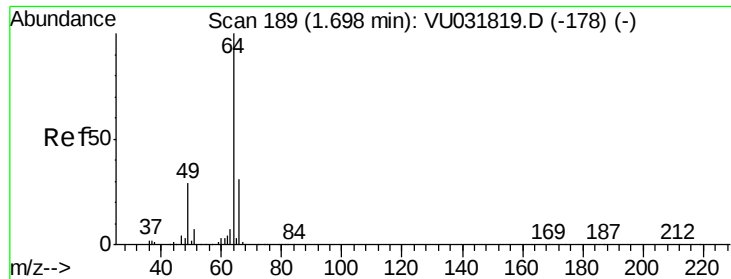
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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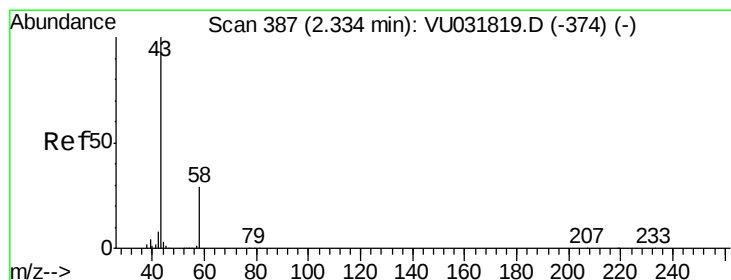
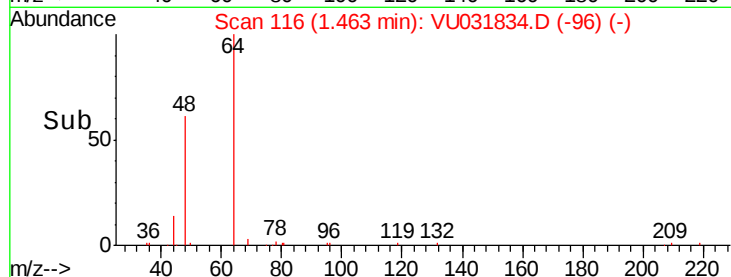
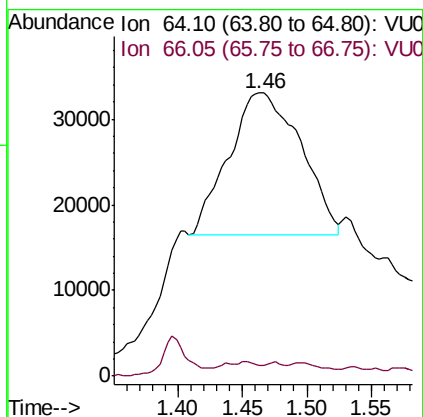
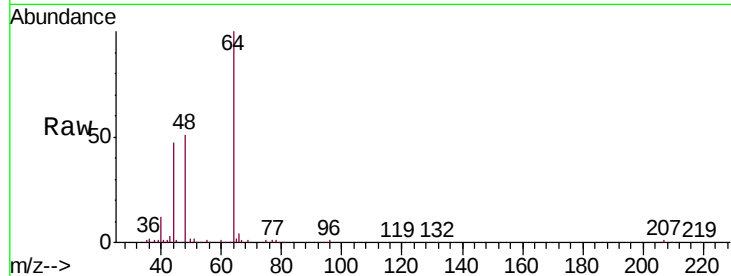




#8
Chloroethane
Concen: 2.352 ug/L
RT: 1.46 min Scan# 116
Delta R.T. -0.23 min
Lab File: VU031834.D
Acq: 08 May 2019 20:37

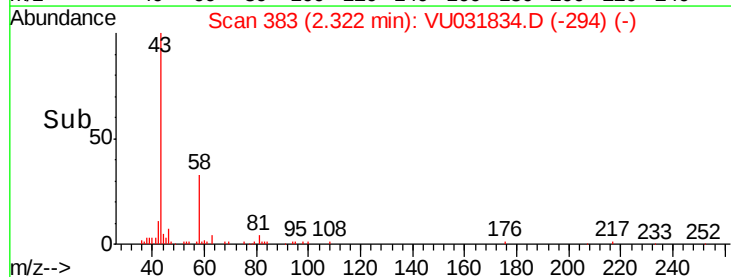
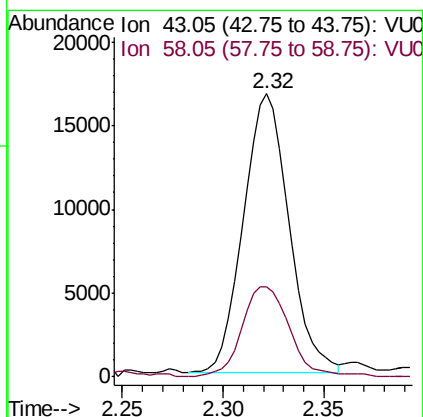
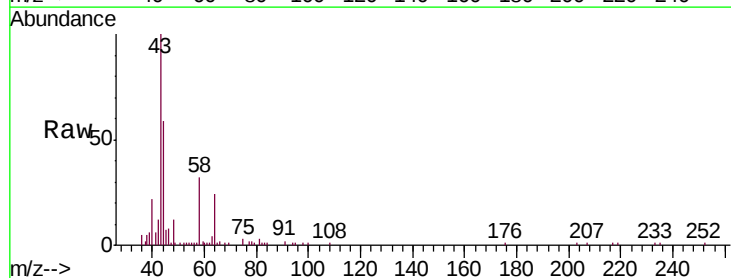
Instrument :
MSVOA_U
ClientSampled :
DB853

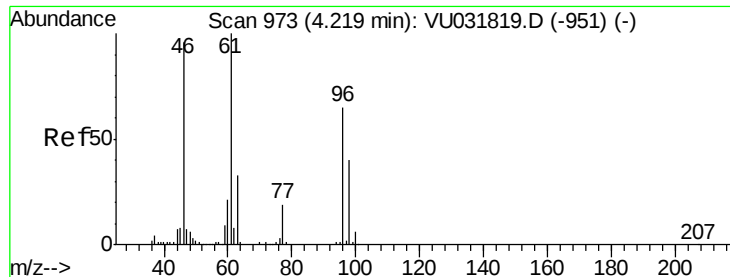
Tgt Ion: 64 Resp: 64521
Ion Ratio Lower Upper
64 100
66 3.9 21.9 40.7#



#13
Acetone
Concen: 3.471 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU031834.D
Acq: 08 May 2019 20:37

Tgt Ion: 43 Resp: 26198
Ion Ratio Lower Upper
43 100
58 33.6 0.0 53.6





#22

cis-1,2-Dichloroethene

Concen: 0.246 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031834.D

Acq: 08 May 2019 20:37

Instrument :

MSVOA_U

ClientSampleId :

DB853

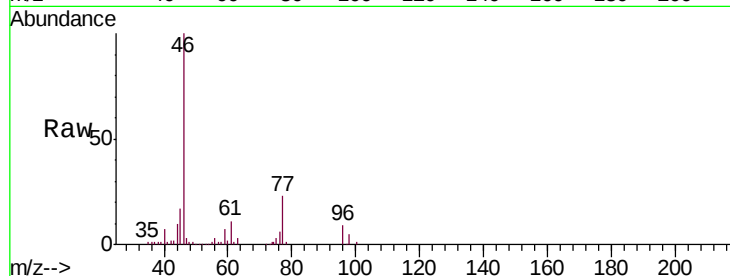
Tgt Ion: 96 Resp: 9000

Ion Ratio Lower Upper

96 100

61 129.9 113.3 210.5

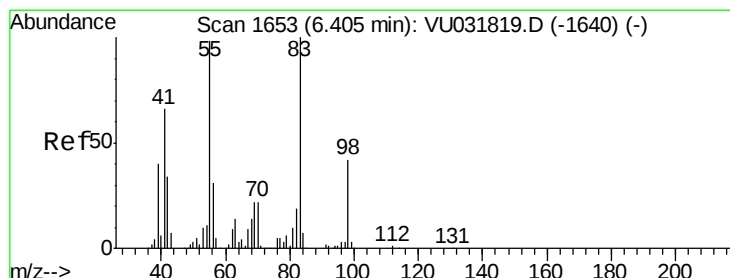
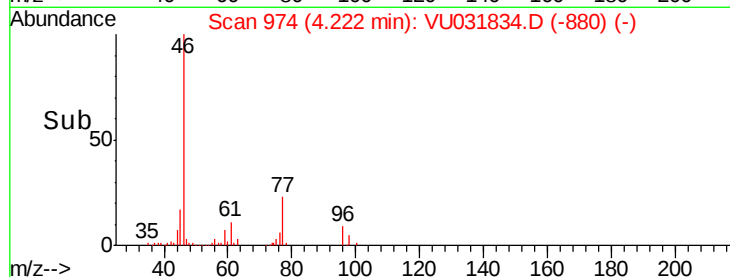
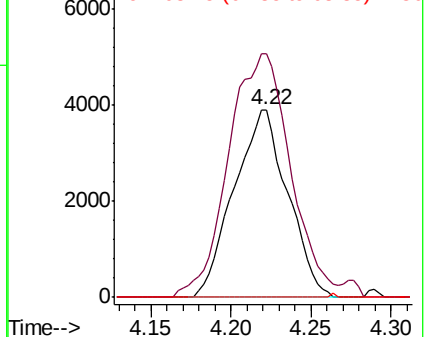
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031834.D

Acq: 08 May 2019 20:37

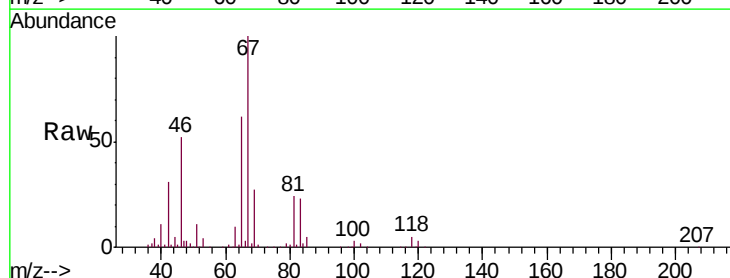
Tgt Ion: 83 Resp: 42642

Ion Ratio Lower Upper

83 100

55 0.0 79.2 118.8#

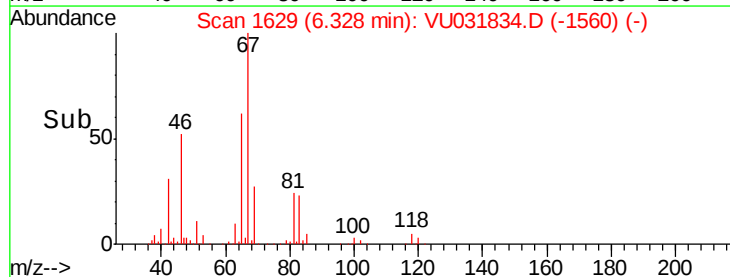
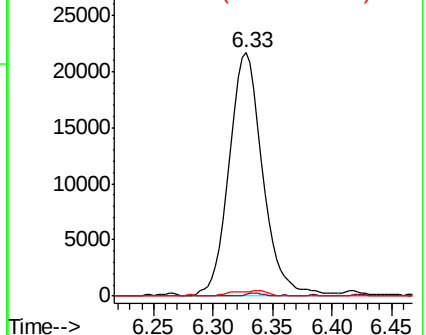
98 1.2 34.0 51.0#

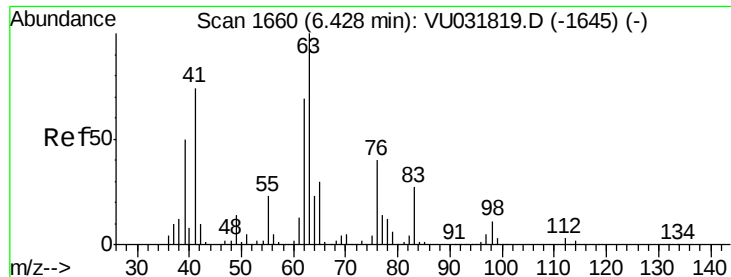


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

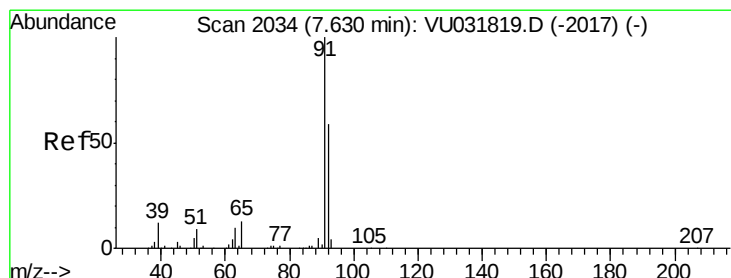
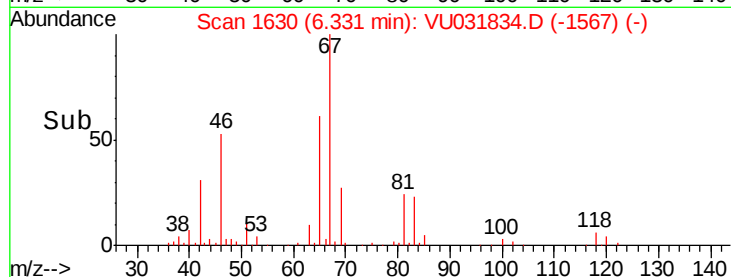
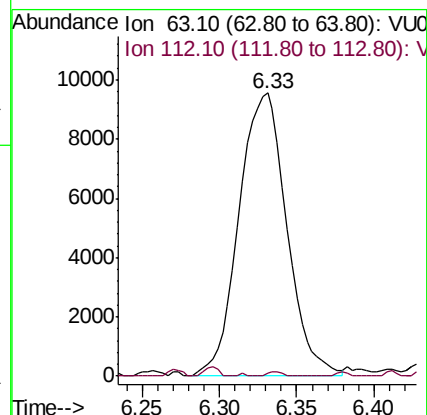
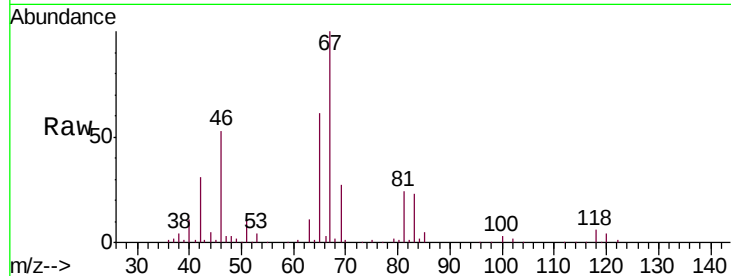




#37
 1,2-Dichloropropane
 Concen: 0.461 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU031834.D
 Acq: 08 May 2019 20:37

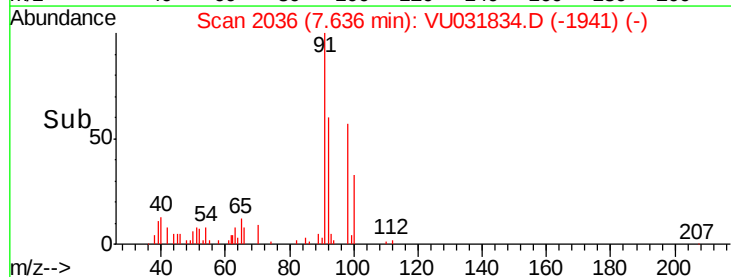
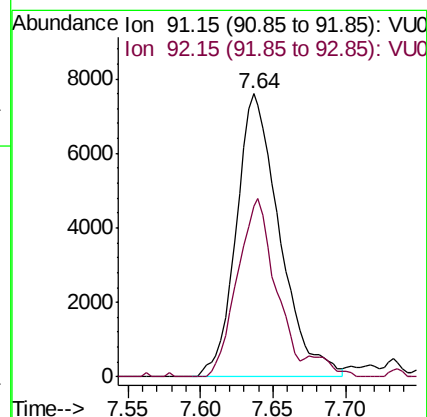
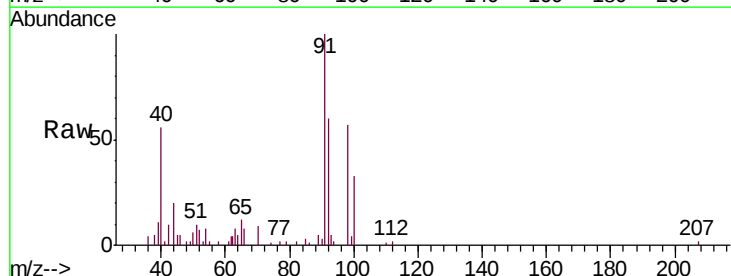
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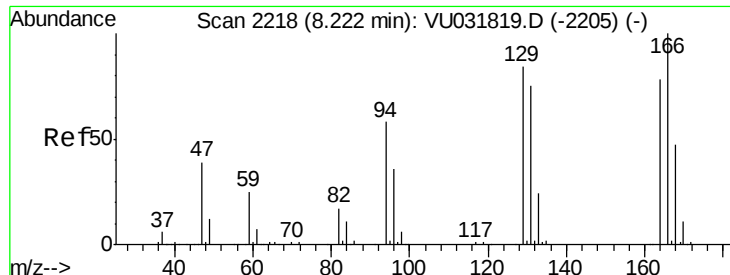
Tgt Ion: 63 Resp: 20535
 Ion Ratio Lower Upper
 63 100
 112 0.5 2.5 3.7#



#42
 Toluene
 Concen: 0.103 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VU031834.D
 Acq: 08 May 2019 20:37

Tgt Ion: 91 Resp: 15772
 Ion Ratio Lower Upper
 91 100
 92 60.3 38.1 70.9





#47

Tetrachloroethene

Concen: 0.274 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031834.D

Acq: 08 May 2019 20:37

Instrument :

MSVOA_U

ClientSampleId :

DB853

Tgt Ion:164 Resp: 7000

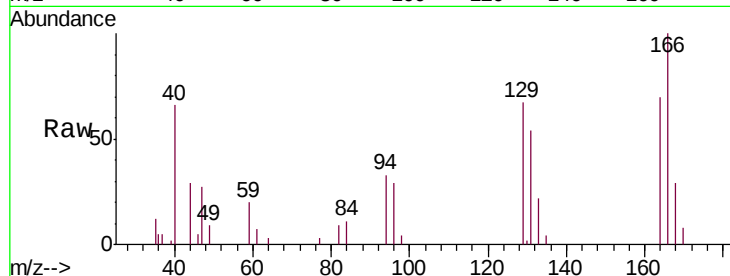
Ion Ratio Lower Upper

164 100

129 95.5 70.3 130.5

131 77.4 65.4 121.4

166 143.0 86.0 159.8

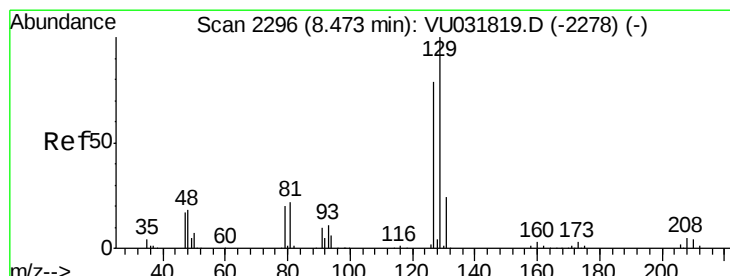
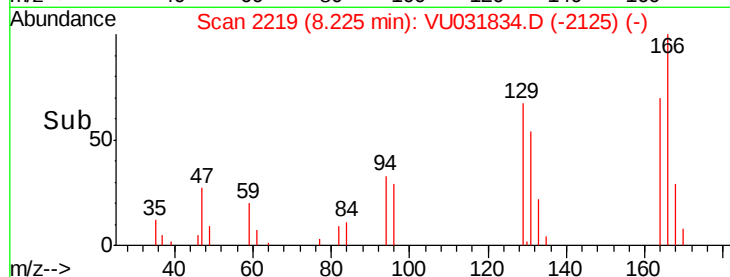
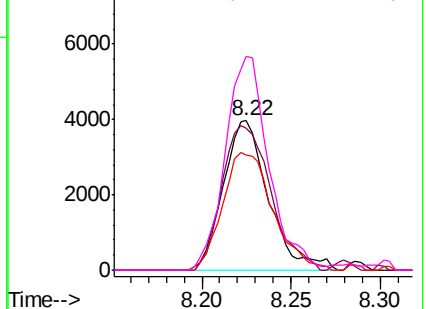


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.238 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031834.D

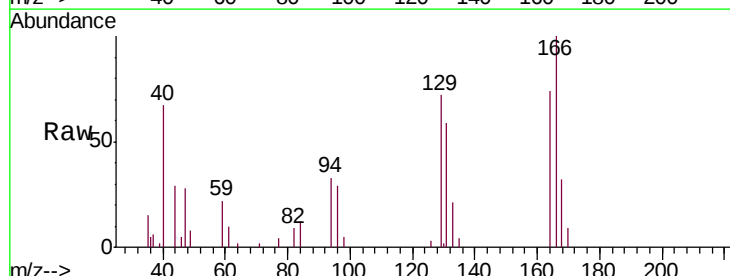
Acq: 08 May 2019 20:37

Tgt Ion:129 Resp: 7311

Ion Ratio Lower Upper

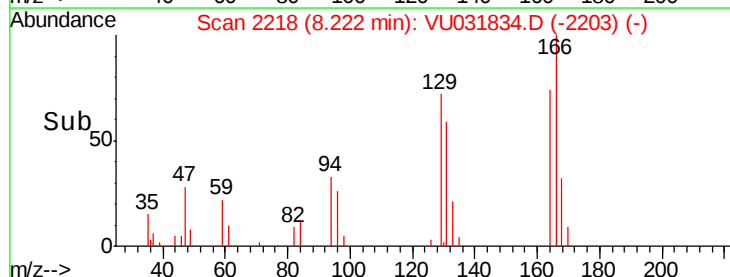
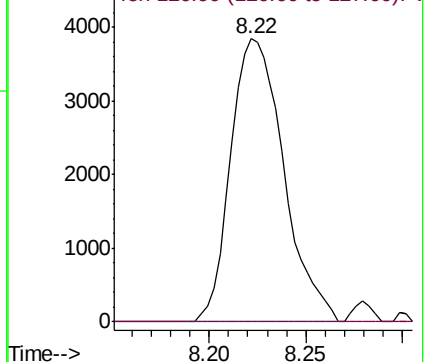
129 100

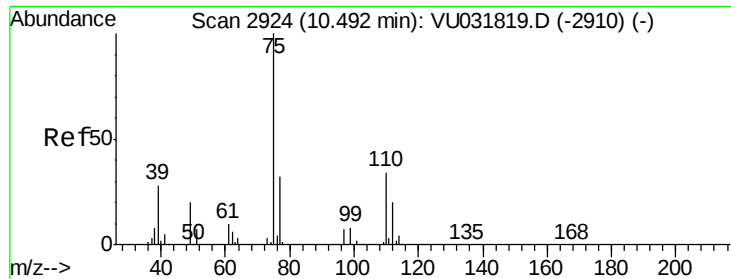
127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.915 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031834.D

Acq: 08 May 2019 20:37

Instrument :

MSVOA_U

ClientSampleId :

DB853

Tgt Ion: 75 Resp: 24116

Ion Ratio Lower Upper

75 100

77 34.1 26.3 39.5

