

Data File : VU032162.D
Acq On : 20 May 2019 18:14
Operator : JC/SP
Sample : K2888-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP9

Quant Time: May 21 08:33:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	350189	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	364402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149903	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91111	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.67	69	88283	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.27	63	134745	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.19	46	246424	42.55	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.10%
24) Chloroform-d	4.64	84	202371	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.31	65	103721	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
32) Benzene-d6	5.33	84	405970	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
36) 1,2-Dichloropropane-d6	6.33	67	120018	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.80%
41) Toluene-d8	7.56	98	330168	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	7.85	79	40760	3.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.60%
46) 2-Hexanone-d5	8.31	63	209709	39.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108043	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	134079	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

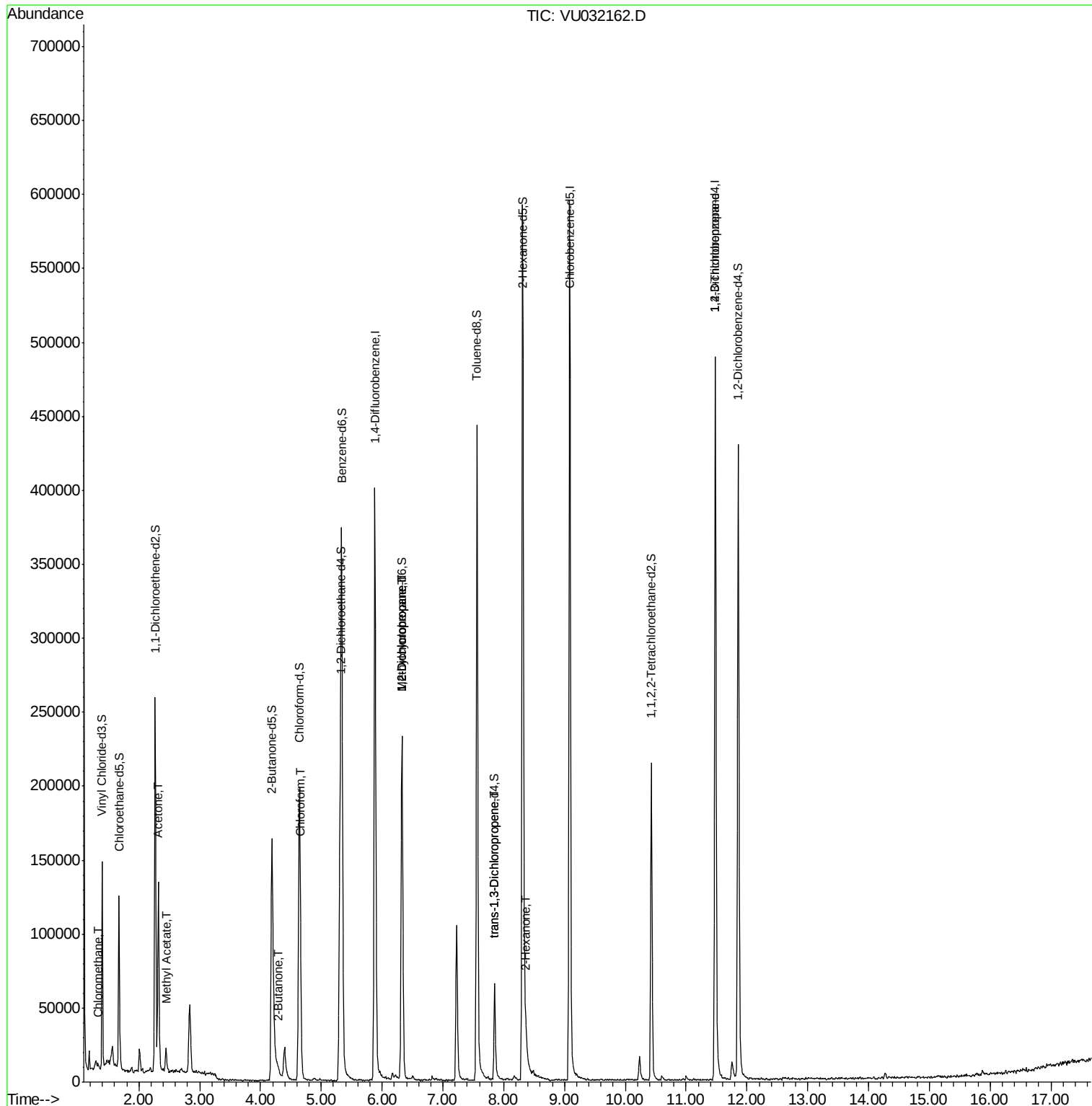
					Qvalue
3) Chloromethane	1.33	50	2631	0.156 ug/L #	76
13) Acetone	2.32	43	125135	65.818 ug/L	98
15) Methyl Acetate	2.45	43	3118	0.572 ug/L #	48
21) 2-Butanone	4.30	43	6088	2.231 ug/L	85
25) Chloroform	4.67	83	4709	0.184 ug/L	88
35) Methylcyclohexane	6.33	83	30150	1.379 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	12316	0.900 ug/L #	89
44) trans-1,3-Dichloropropene	7.86	75	1798	0.122 ug/L #	82
48) 2-Hexanone	8.37	43	7584	1.542 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	15181	1.747 ug/L	92

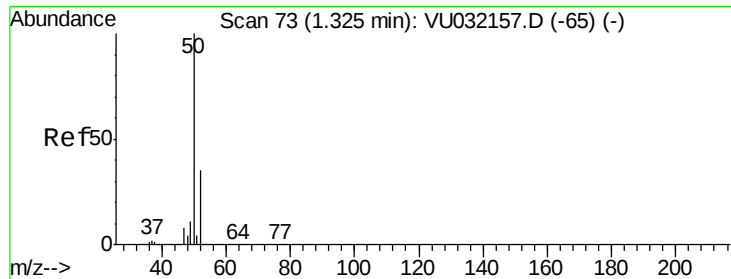
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.156 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032162.D

Acq: 20 May 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

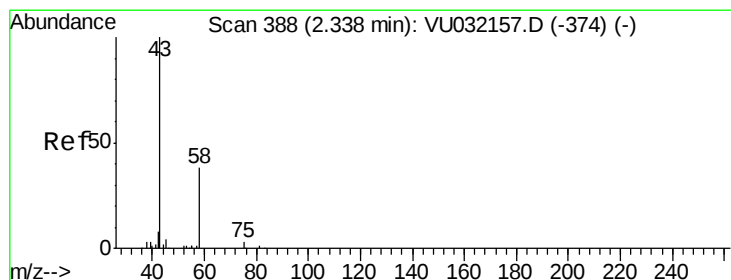
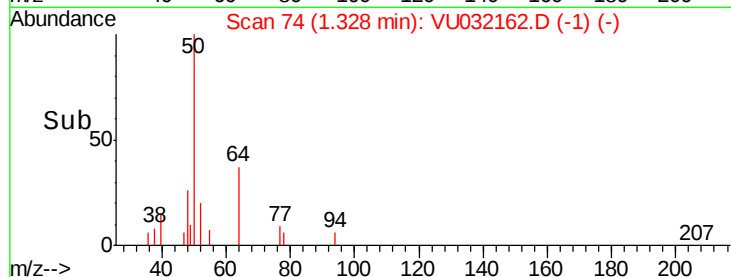
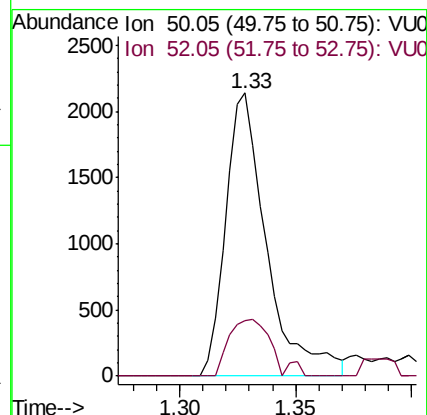
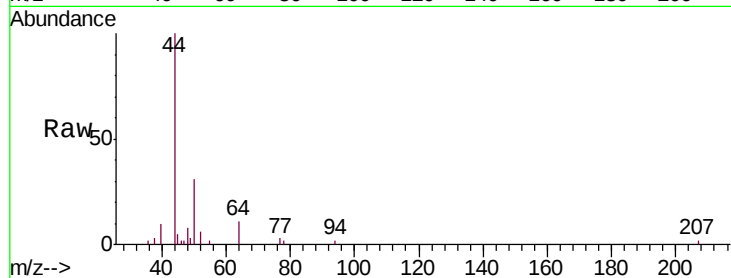
C0BP9

Tgt Ion: 50 Resp: 2631

Ion Ratio Lower Upper

50 100

52 19.6 23.2 43.0#



#13

Acetone

Concen: 65.818 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

Lab File: VU032162.D

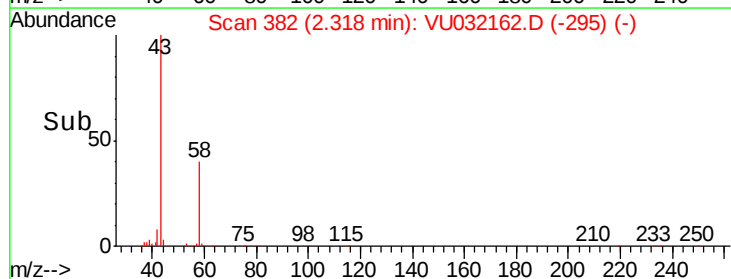
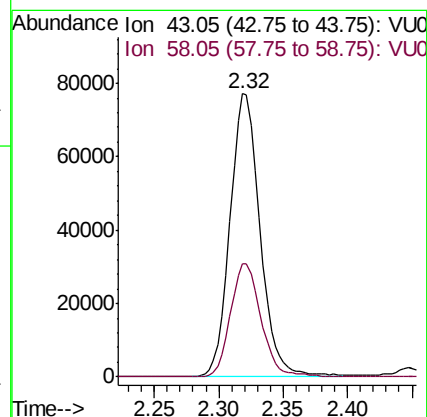
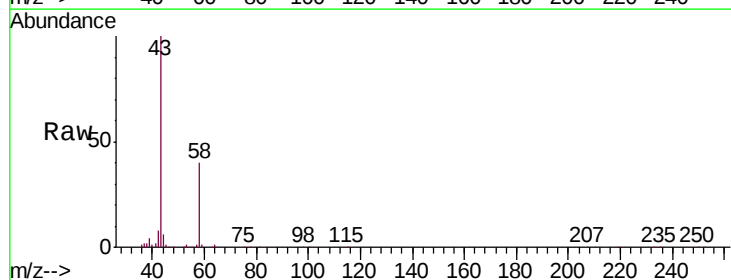
Acq: 20 May 2019 18:14

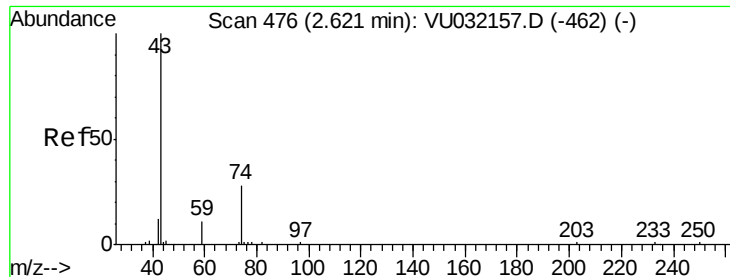
Tgt Ion: 43 Resp: 125135

Ion Ratio Lower Upper

43 100

58 40.5 0.0 78.8





#15

Methyl Acetate

Concen: 0.572 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.17 min

Lab File: VU032162.D

Acq: 20 May 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

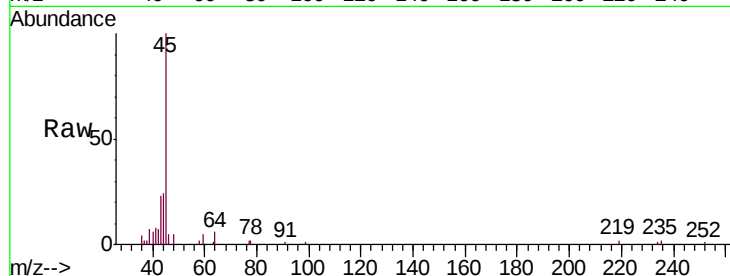
C0BP9

Tgt Ion: 43 Resp: 3118

Ion Ratio Lower Upper

43 100

74 3.4 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032157.D (-462) (-)

Ion 74.05 (73.75 to 74.75): VU032157.D (-462) (-)

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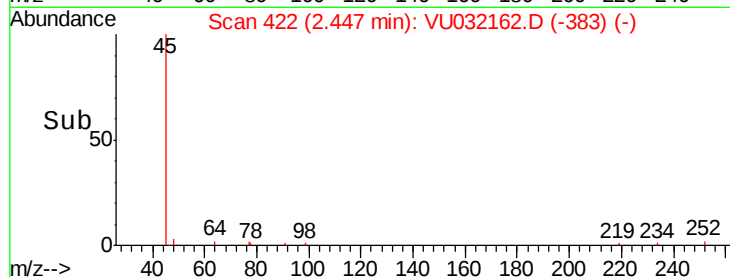
2.45

2.45

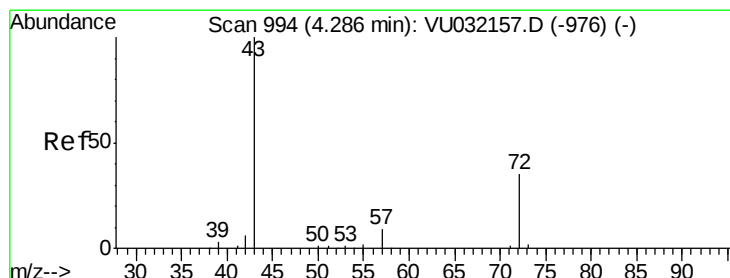
2.45

2.45

2.45



Time-->



#21

2-Butanone

Concen: 2.231 ug/L

RT: 4.30 min Scan# 997

Delta R.T. 0.01 min

Lab File: VU032162.D

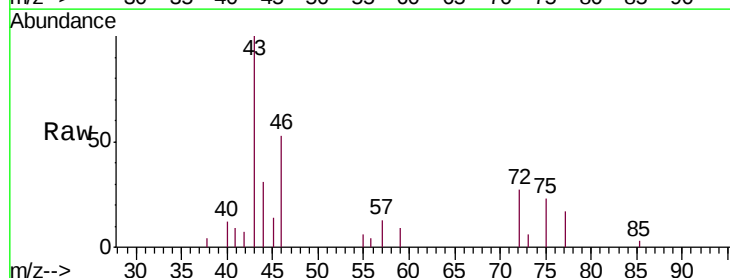
Acq: 20 May 2019 18:14

Tgt Ion: 43 Resp: 6088

Ion Ratio Lower Upper

43 100

72 41.8 16.8 50.3



Abundance Ion 43.05 (42.75 to 43.75): VU032157.D (-976) (-)

Ion 72.10 (71.80 to 72.80): VU032157.D (-976) (-)

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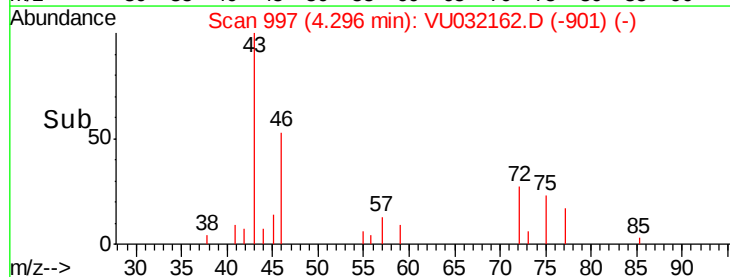
4.30

4.30

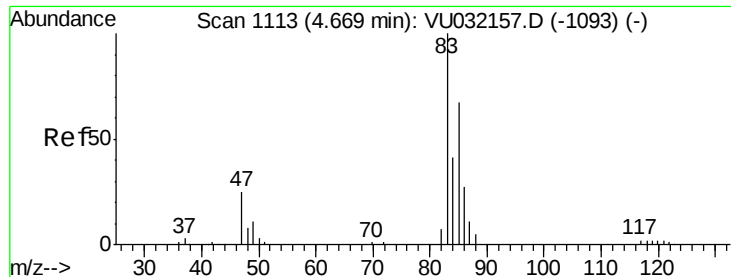
4.30

4.30

4.30



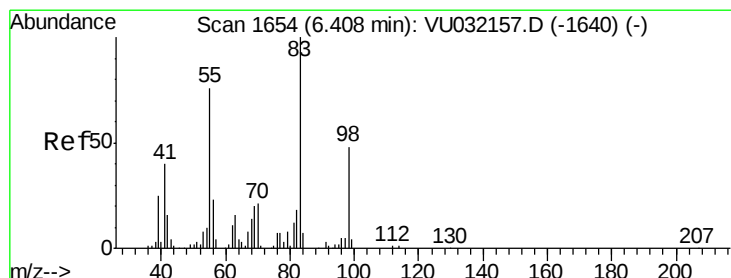
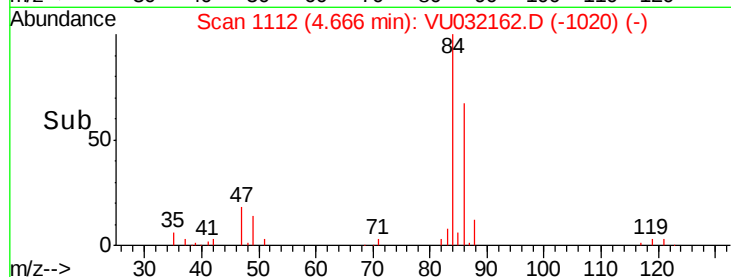
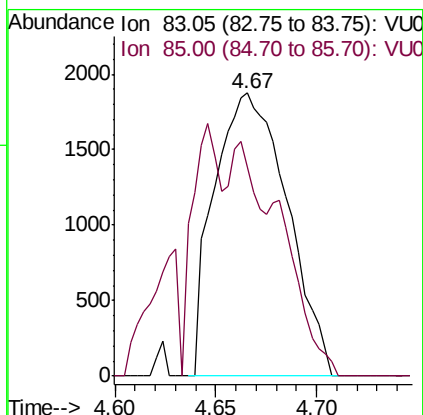
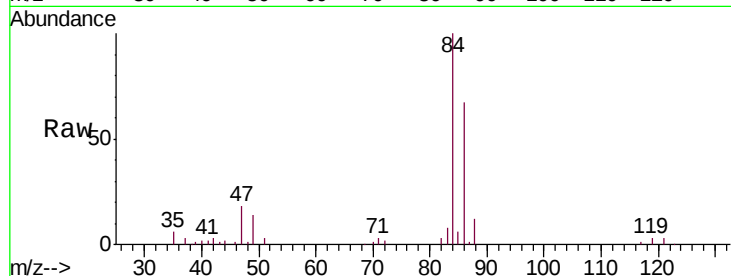
Time-->



#25
Chloroform
Concen: 0.184 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032162.D
Acq: 20 May 2019 18:14

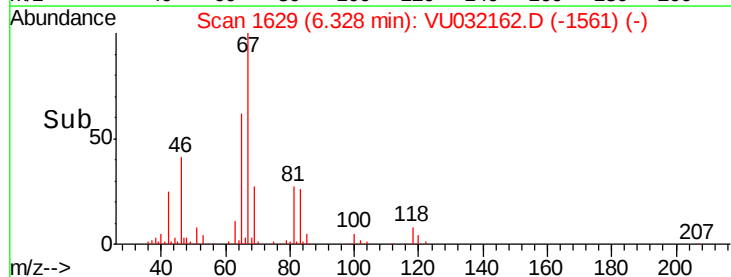
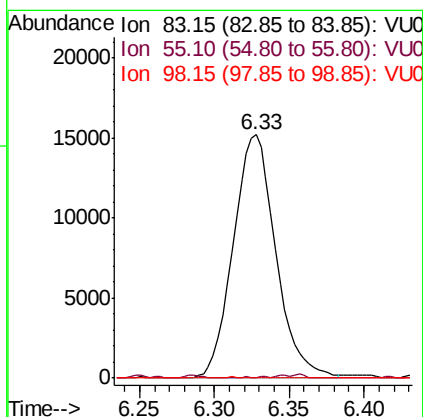
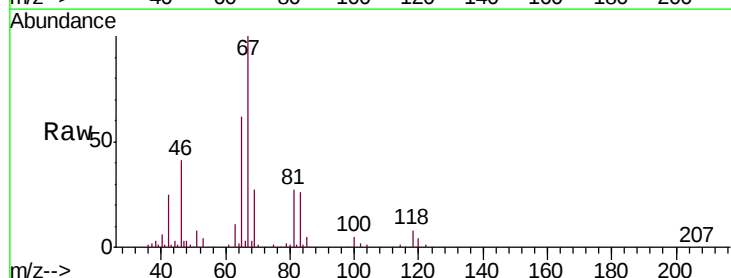
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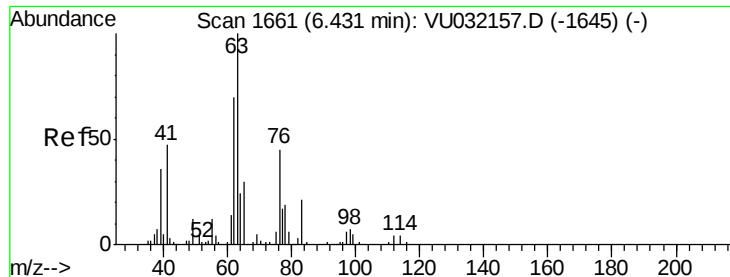
Tgt Ion: 83 Resp: 4709
Ion Ratio Lower Upper
83 100
85 73.9 44.9 83.3



#35
Methylcyclohexane
Concen: 1.379 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032162.D
Acq: 20 May 2019 18:14

Tgt Ion: 83 Resp: 30150
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.0 36.8 55.2#

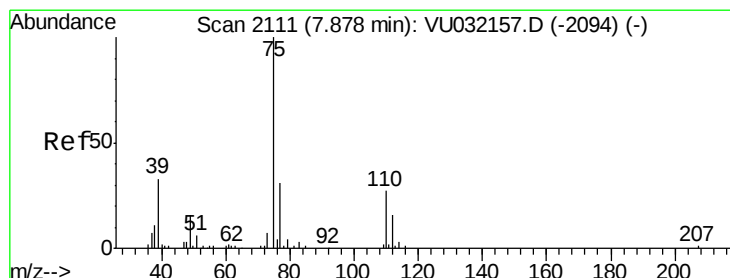
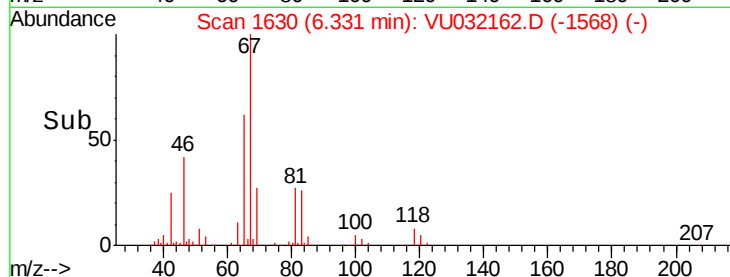
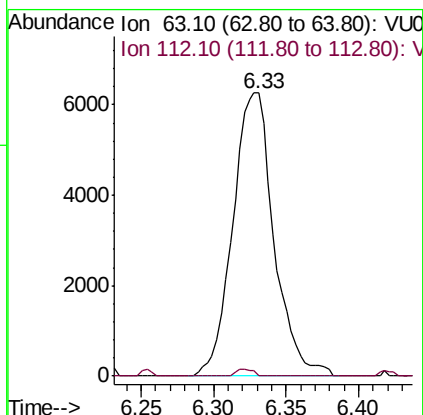
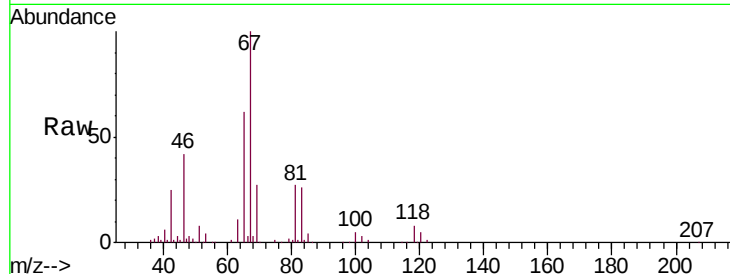




#37
 1,2-Dichloropropane
 Concen: 0.900 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU032162.D
 Acq: 20 May 2019 18:14

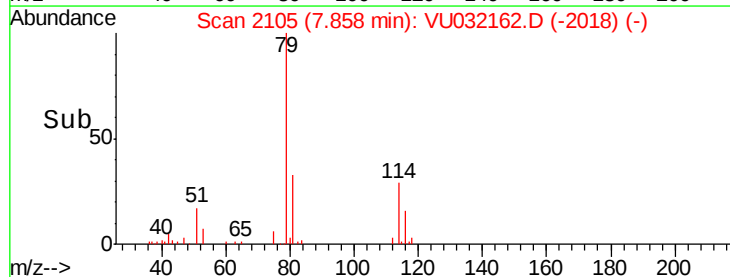
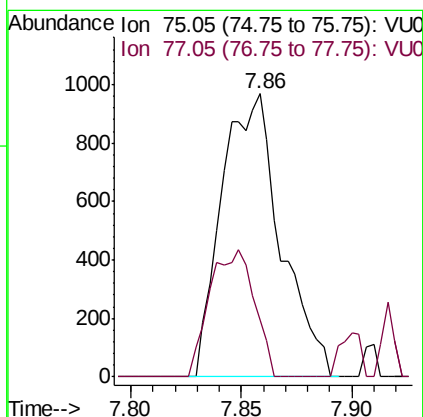
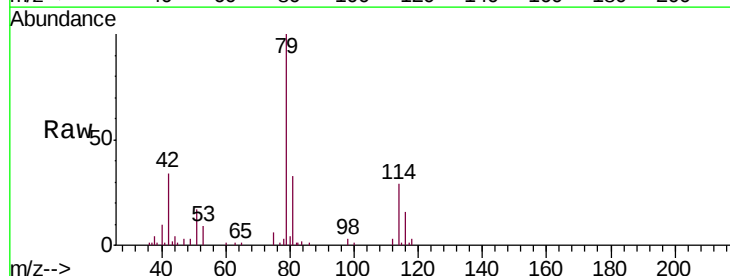
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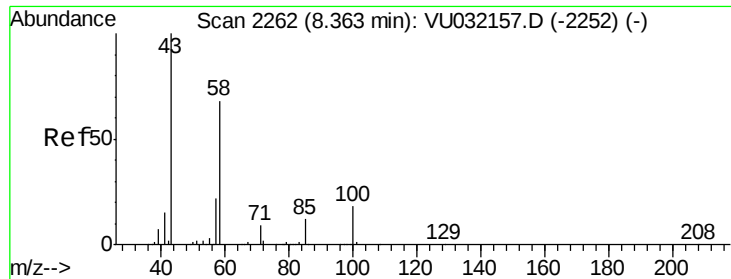
Tgt Ion: 63 Resp: 12316
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. -0.02 min
 Lab File: VU032162.D
 Acq: 20 May 2019 18:14

Tgt Ion: 75 Resp: 1798
 Ion Ratio Lower Upper
 75 100
 77 20.0 21.0 39.0#

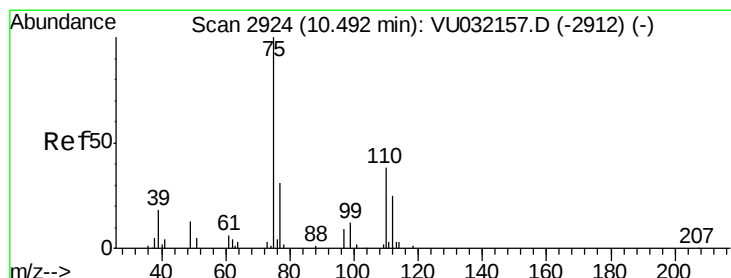
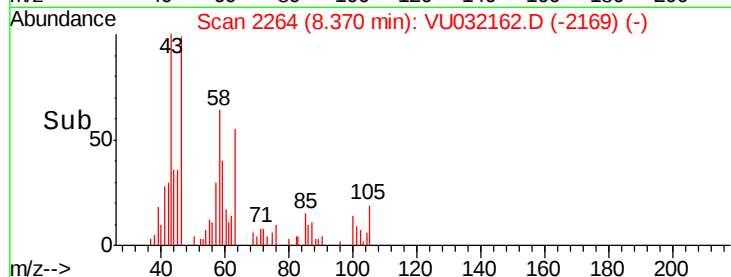
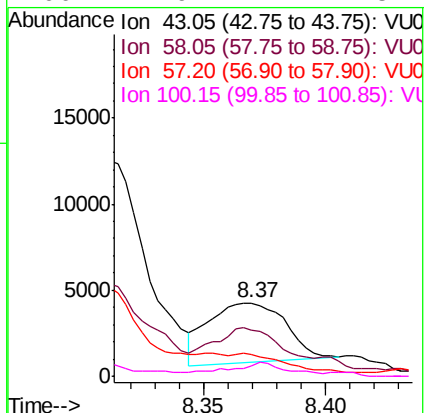
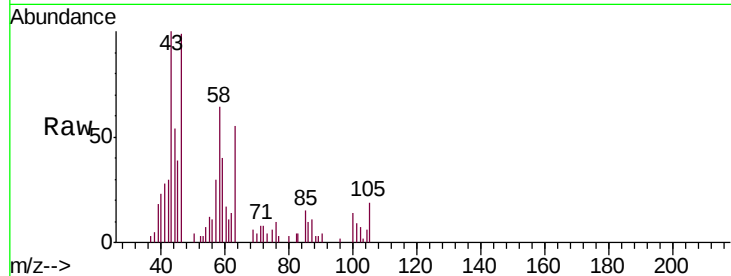




#48
 2-Hexanone
 Concen: 1.542 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032162.D
 Acq: 20 May 2019 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP9

Tgt Ion: 43 Resp: 7584
 Ion Ratio Lower Upper
 43 100
 58 92.2 51.6 77.4#
 57 0.0 18.4 27.6#
 100 17.9 12.2 18.4



#59
 1,2,3-Trichloropropane
 Concen: 1.747 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032162.D
 Acq: 20 May 2019 18:14

Tgt Ion: 75 Resp: 15181
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.2 39.2

