

Data File : VU032230.D
Acq On : 22 May 2019 18:23
Operator : JC/SP
Sample : K2888-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP9

Quant Time: May 23 01:51:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	391819	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	397724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	162759	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121895	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.67	69	105842	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.27	63	175480	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.19	46	244623	39.41	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.82%
24) Chloroform-d	4.64	84	218971	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.31	65	113514	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
32) Benzene-d6	5.33	84	465612	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.32	67	134727	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.40%
41) Toluene-d8	7.56	98	401791	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	7.85	79	45861	3.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.00%
46) 2-Hexanone-d5	8.31	63	197790	37.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107422	2.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.00%#
64) 1,2-Dichlorobenzene-d4	11.86	152	148187	3.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.00%#

Target Compounds

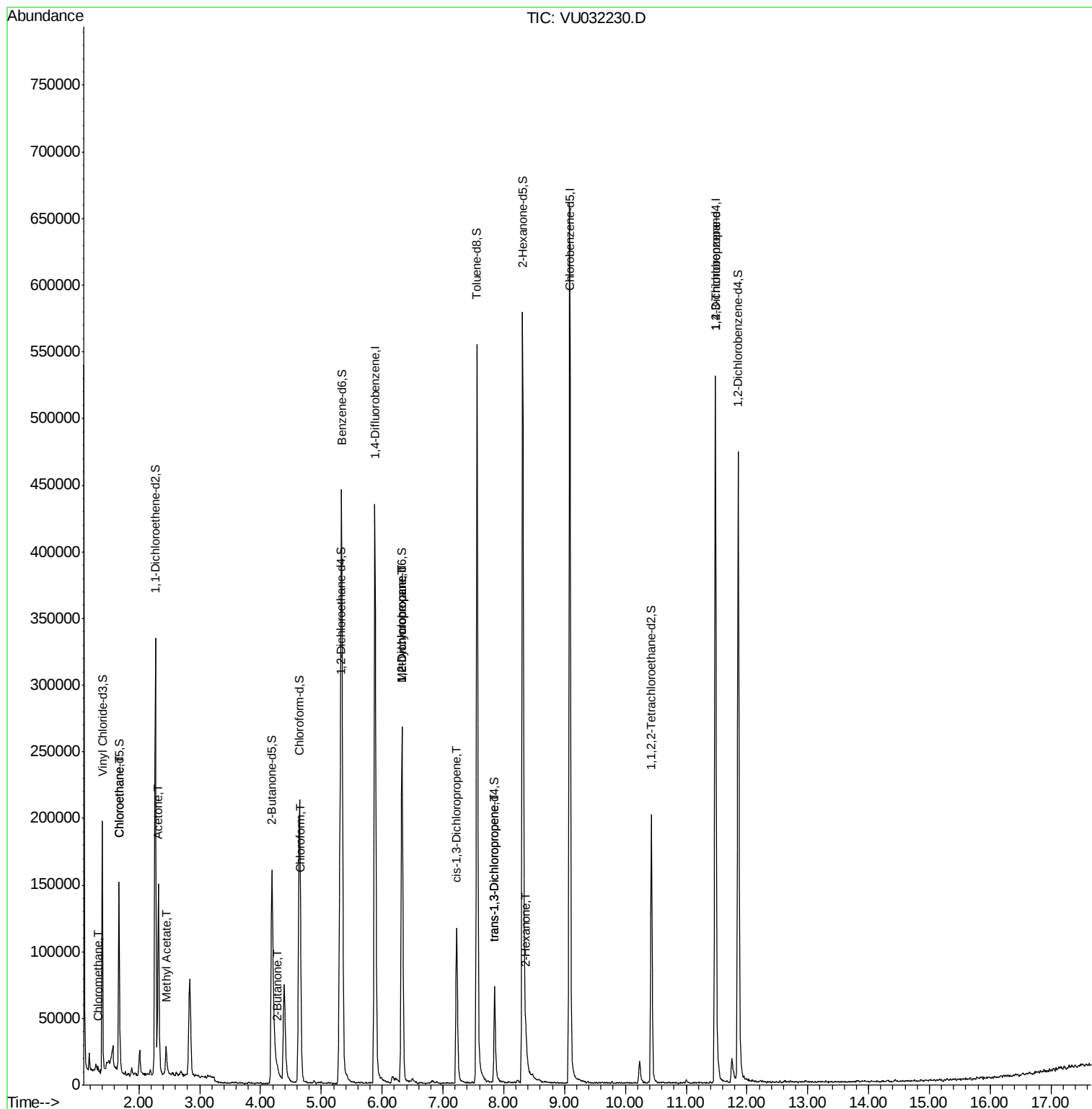
					Qvalue
3) Chloromethane	1.33	50	3432	0.204 ug/L	99
8) Chloroethane	1.68	64	1232	0.114 ug/L #	58
13) Acetone	2.32	43	137972	71.746 ug/L	97
15) Methyl Acetate	2.45	43	4801	0.851 ug/L #	44
21) 2-Butanone	4.29	43	8931	3.078 ug/L	73
25) Chloroform	4.67	83	5537	0.222 ug/L	94
35) Methylcyclohexane	6.32	83	33114	1.557 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	14511	1.120 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2962	0.161 ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	1936	0.134 ug/L #	56
48) 2-Hexanone	8.36	43	12141	2.418 ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	15935	1.889 ug/L	90

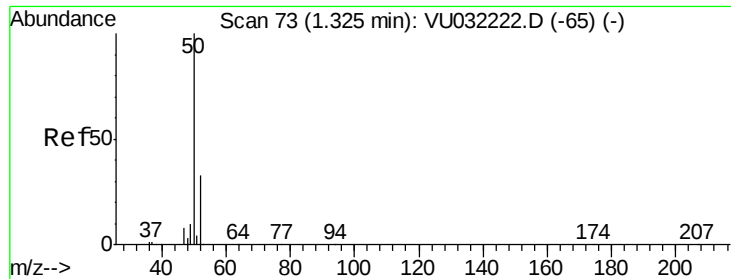
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.204 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032230.D

Acq: 22 May 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

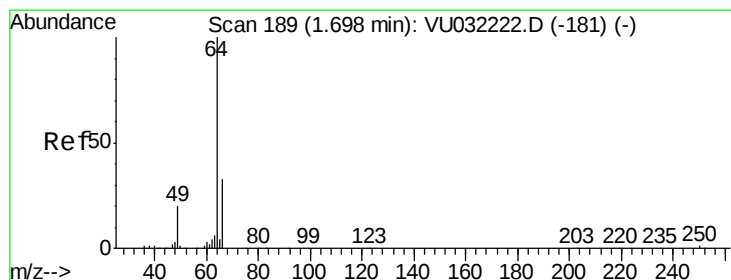
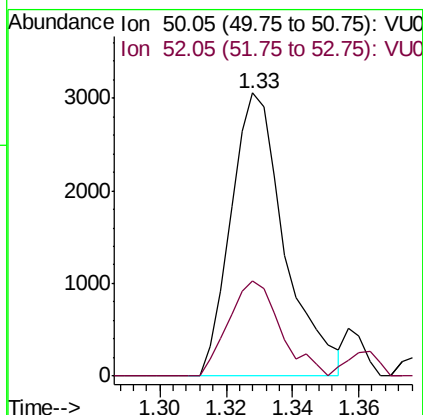
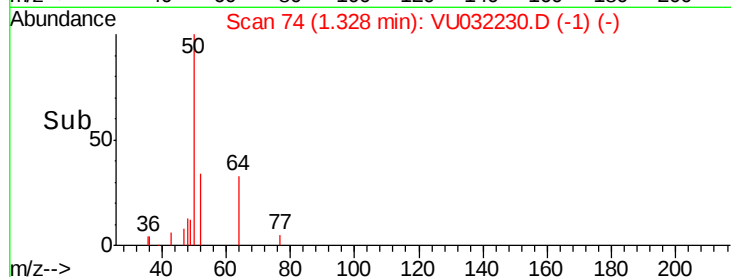
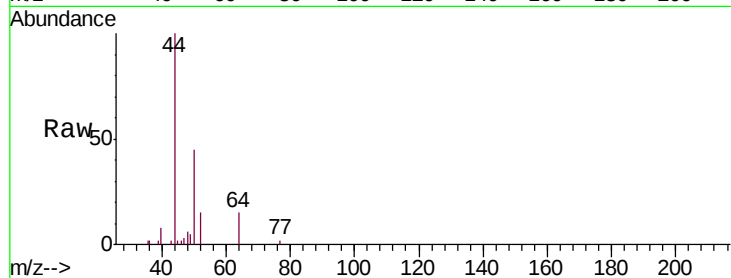
C0BP9

Tgt Ion: 50 Resp: 3432

Ion Ratio Lower Upper

50 100

52 33.8 23.3 43.3



#8

Chloroethane

Concen: 0.114 ug/L

RT: 1.68 min Scan# 183

Delta R.T. -0.02 min

Lab File: VU032230.D

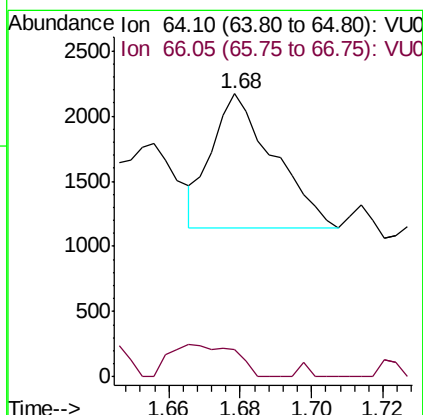
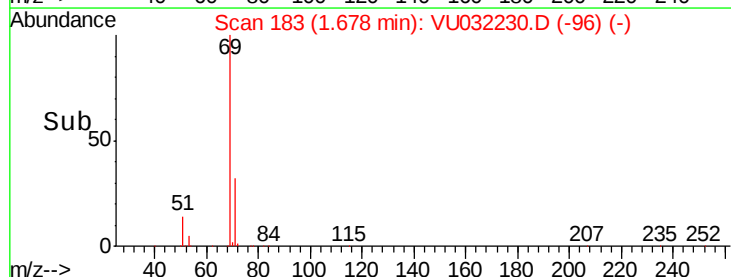
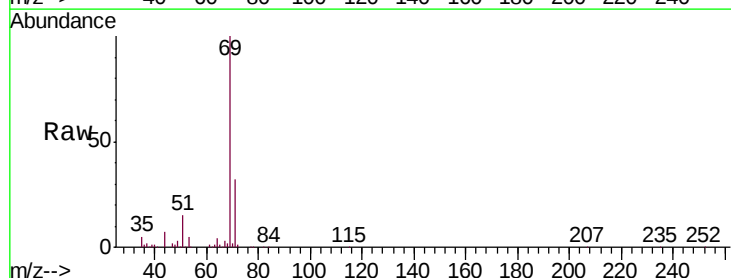
Acq: 22 May 2019 18:23

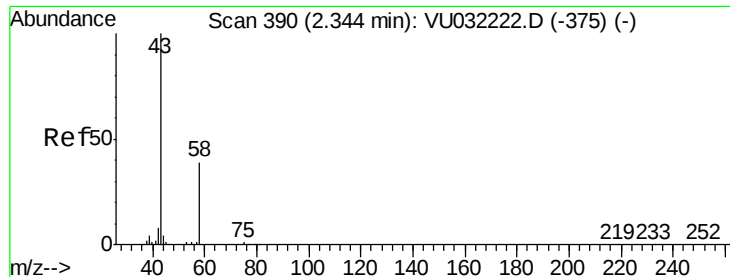
Tgt Ion: 64 Resp: 1232

Ion Ratio Lower Upper

64 100

66 9.5 23.1 42.9#





#13

Acetone

Concen: 71.746 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032230.D

Acq: 22 May 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

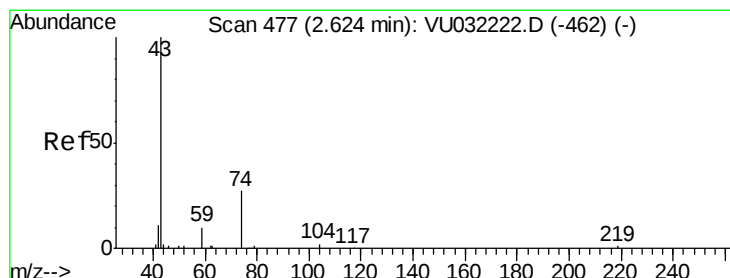
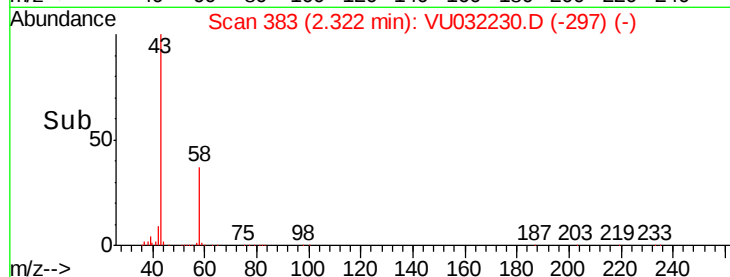
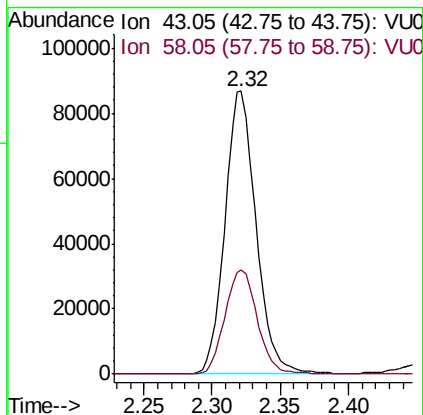
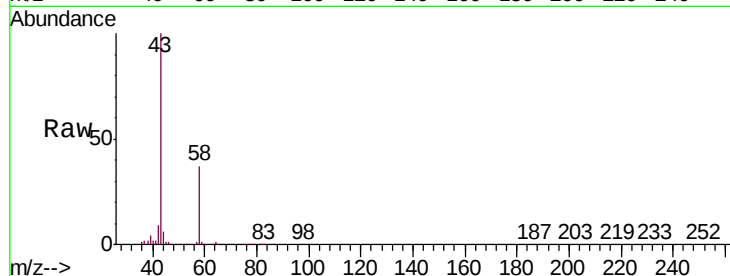
C0BP9

Tgt Ion: 43 Resp: 137972

Ion Ratio Lower Upper

43 100

58 38.3 0.0 72.6



#15

Methyl Acetate

Concen: 0.851 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.17 min

Lab File: VU032230.D

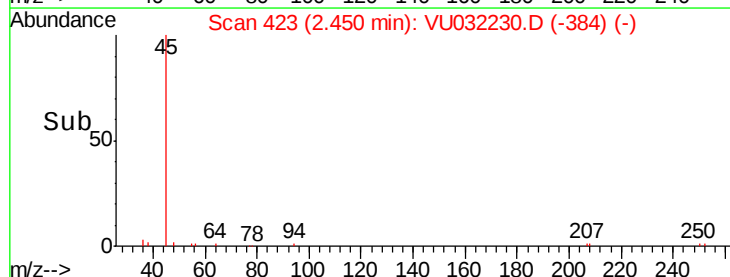
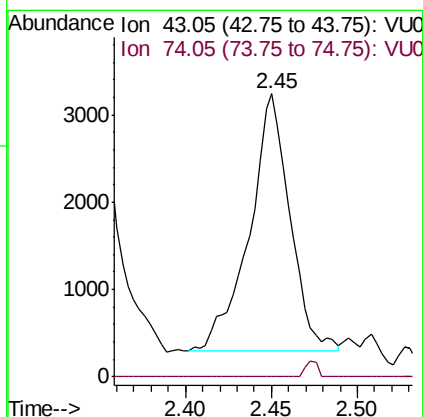
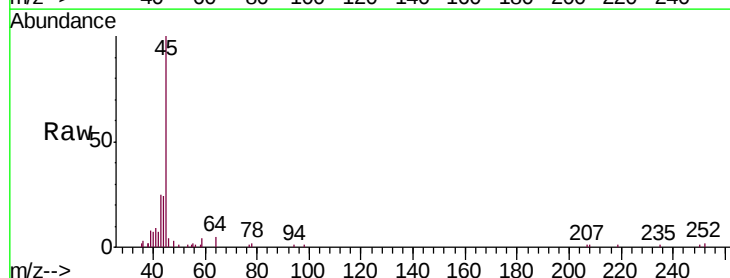
Acq: 22 May 2019 18:23

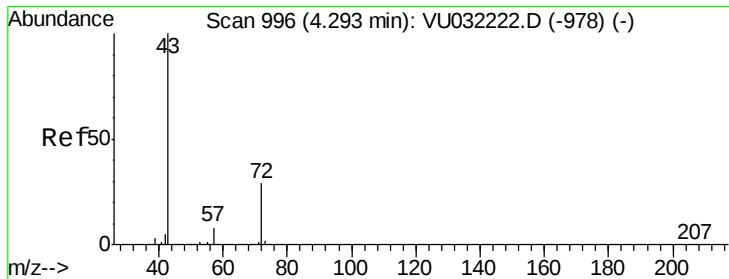
Tgt Ion: 43 Resp: 4801

Ion Ratio Lower Upper

43 100

74 1.9 27.3 40.9#





#21

2-Butanone

Concen: 3.078 ug/L

RT: 4.29 min Scan# 995

Delta R.T. -0.00 min

Lab File: VU032230.D

Acq: 22 May 2019 18:23

Instrument :

MSVOA_U

ClientSampleId :

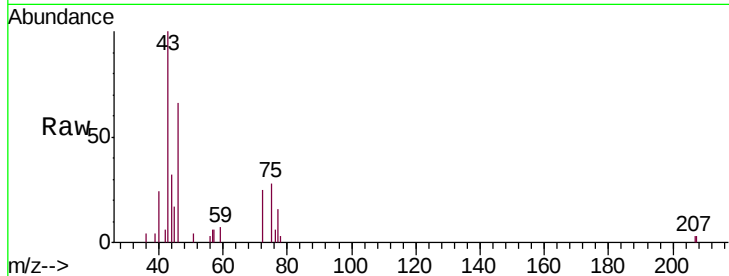
C0BP9

Tgt Ion: 43 Resp: 8931

Ion Ratio Lower Upper

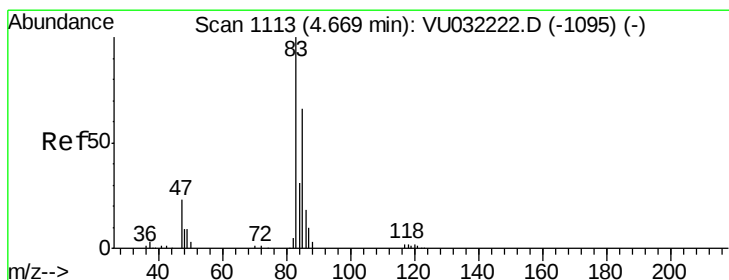
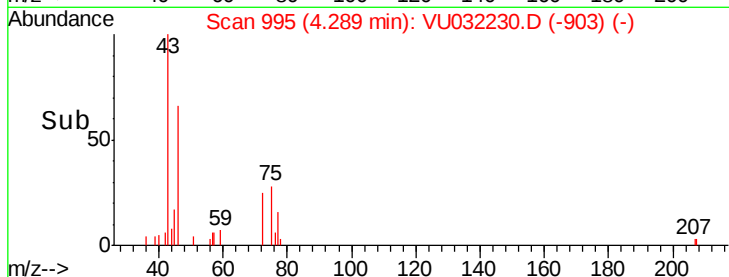
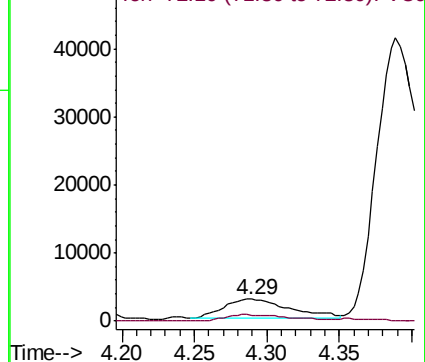
43 100

72 15.5 15.2 45.6



Abundance Ion 43.05 (42.75 to 43.75): VU032222.D (-978) (-)

Ion 72.10 (71.80 to 72.80): VU032222.D (-978) (-)



#25

Chloroform

Concen: 0.222 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU032230.D

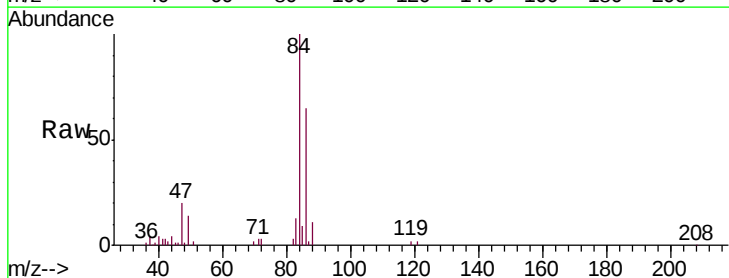
Acq: 22 May 2019 18:23

Tgt Ion: 83 Resp: 5537

Ion Ratio Lower Upper

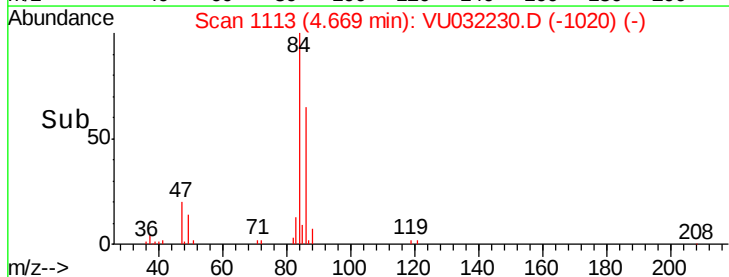
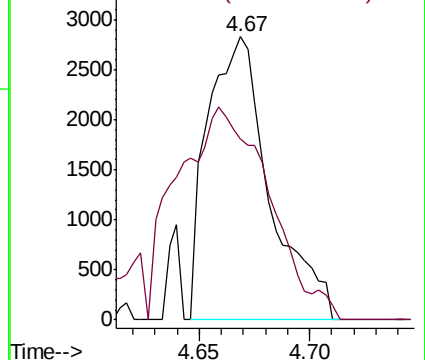
83 100

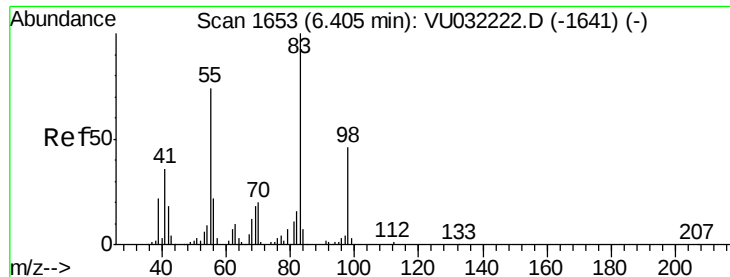
85 64.1 41.6 77.3



Abundance Ion 83.05 (82.75 to 83.75): VU032222.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU032222.D (-1095) (-)

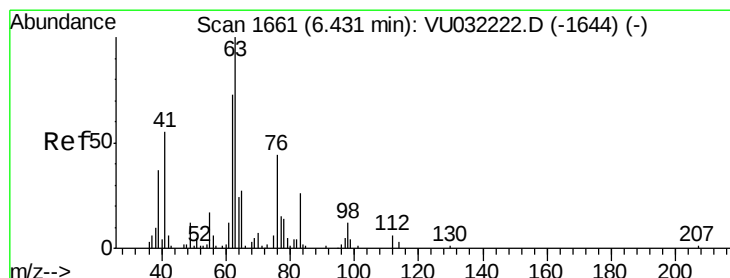
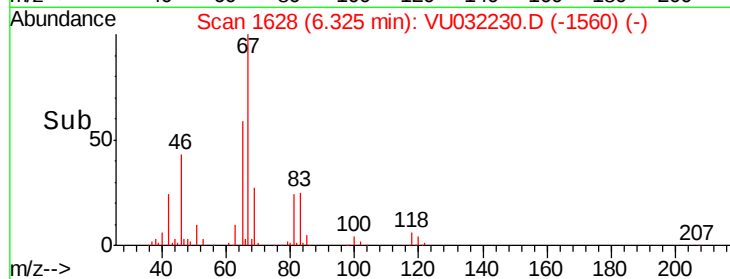
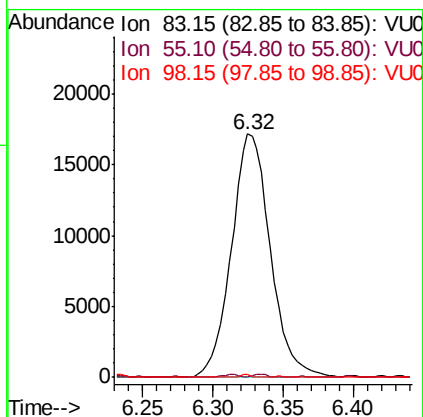
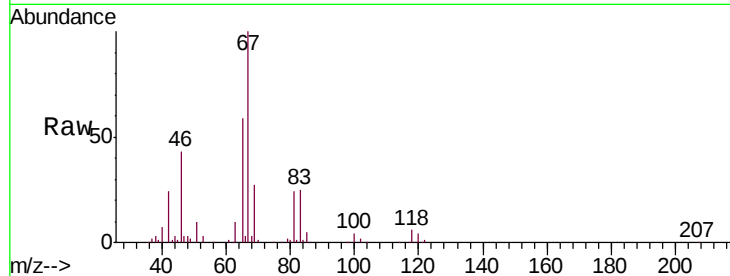




#35
Methylcyclohexane
Concen: 1.557 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032230.D
Acq: 22 May 2019 18:23

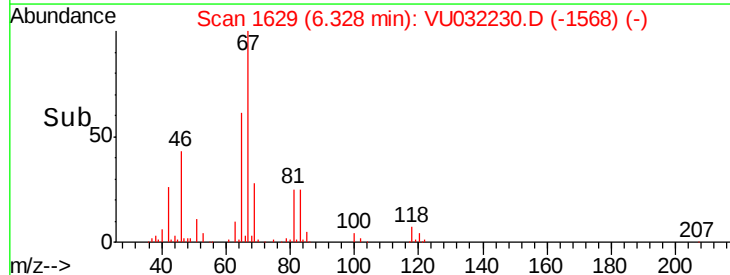
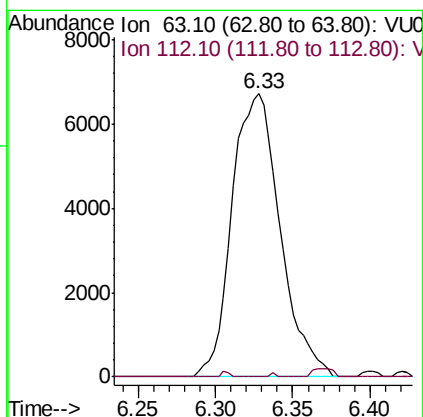
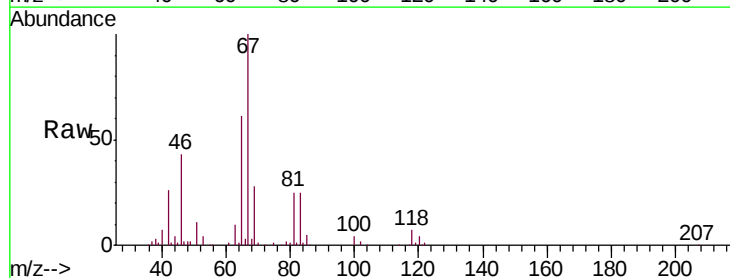
Instrument :
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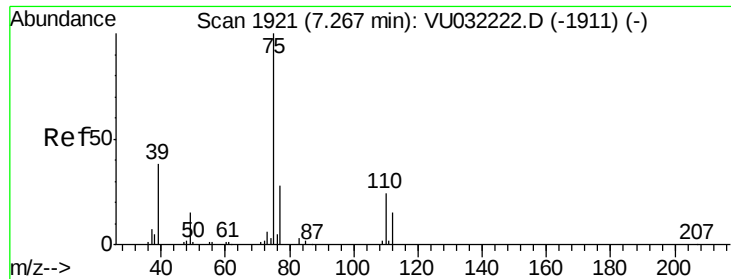
Tgt Ion: 83 Resp: 33114
Ion Ratio Lower Upper
83 100
55 0.5 59.7 89.5#
98 0.2 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.120 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032230.D
Acq: 22 May 2019 18:23

Tgt Ion: 63 Resp: 14511
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.8#

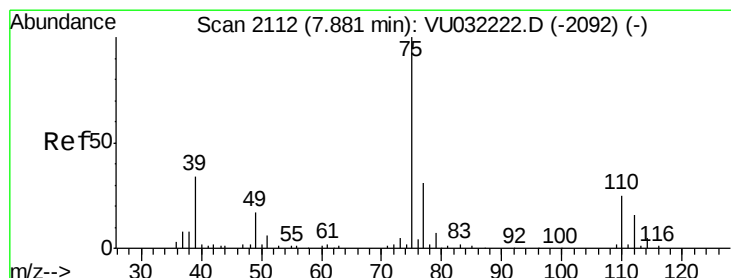
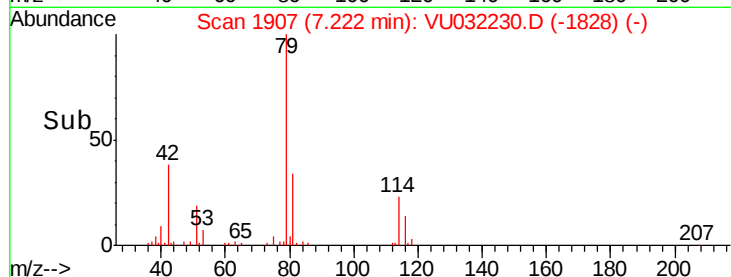
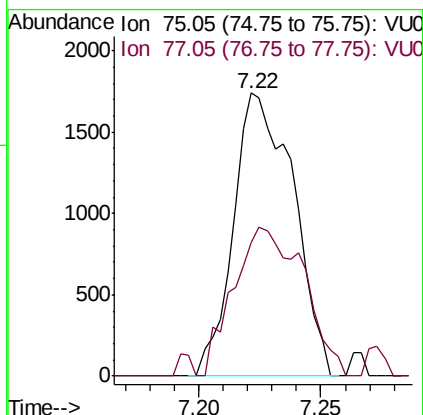
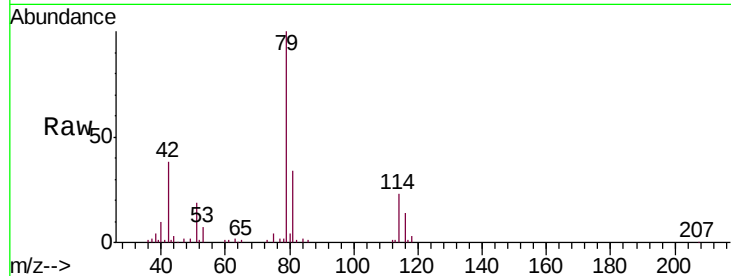




#39
 cis-1,3-Dichloropropene
 Concen: 0.161 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU032230.D
 Acq: 22 May 2019 18:23

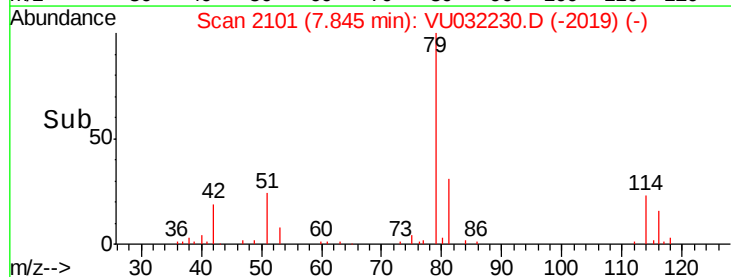
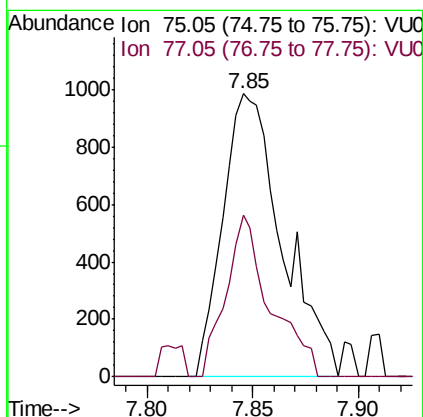
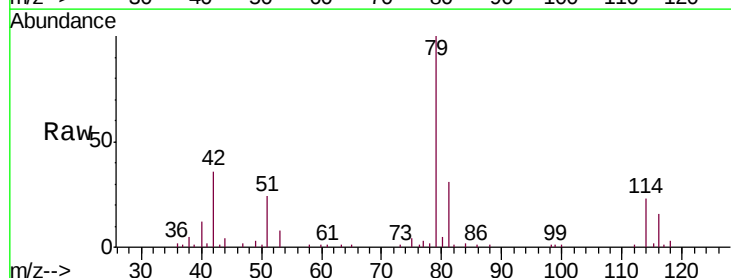
Instrument :
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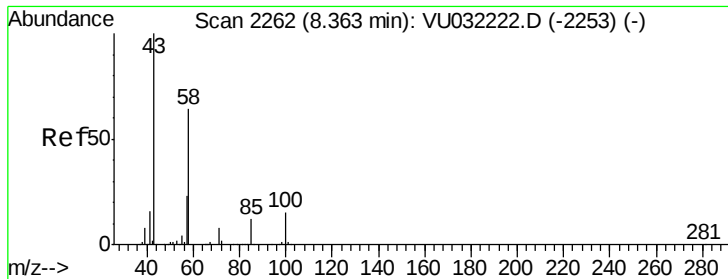
Tgt Ion: 75 Resp: 2962
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.6 42.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.04 min
 Lab File: VU032230.D
 Acq: 22 May 2019 18:23

Tgt Ion: 75 Resp: 1936
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.5 41.9#

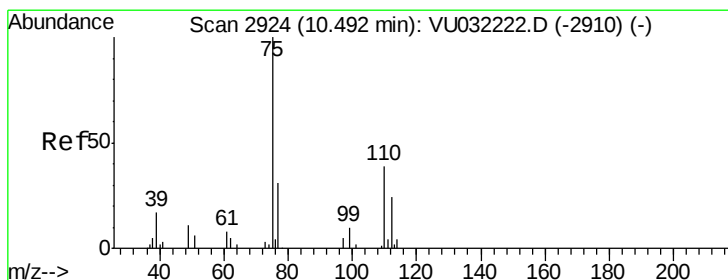
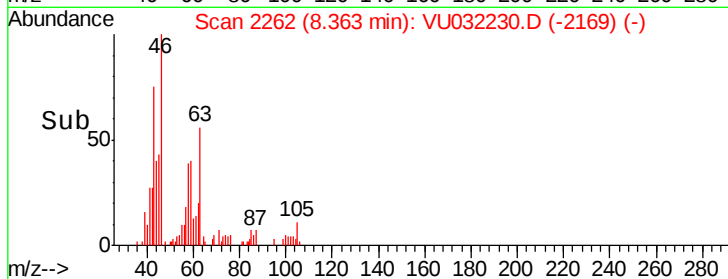
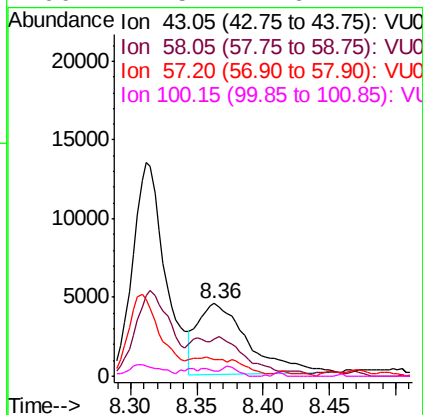
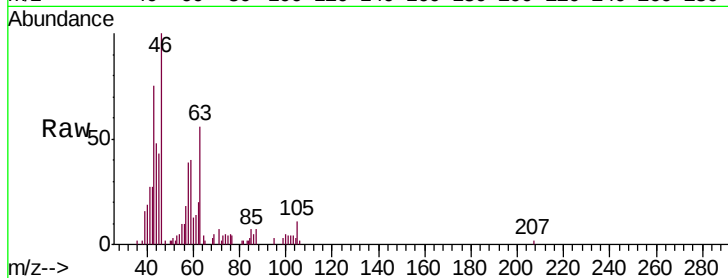




#48
 2-Hexanone
 Concen: 2.418 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU032230.D
 Acq: 22 May 2019 18:23

Instrument :
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Tgt Ion: 43 Resp: 12141
 Ion Ratio Lower Upper
 43 100
 58 33.1 49.7 74.5#
 57 0.0 17.1 25.7#
 100 4.5 11.6 17.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.889 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032230.D
 Acq: 22 May 2019 18:23

Tgt Ion: 75 Resp: 15935
 Ion Ratio Lower Upper
 75 100
 77 41.2 28.2 42.4

