

Data File : VU029423.D
Acq On : 12 Feb 2019 16:32
Operator : JC/SP
Sample : K1436-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXA4

Quant Time: Feb 13 03:29:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	185768	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63736	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.68	69	61613	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.27	63	91793	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.21	46	139180	53.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.26%
24) Chloroform-d	4.65	84	103664	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.31	65	55486	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.34	84	210532	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.33	67	65553	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.56	98	186280	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.85	79	25593	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.31	63	140198	58.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55024	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	78511	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

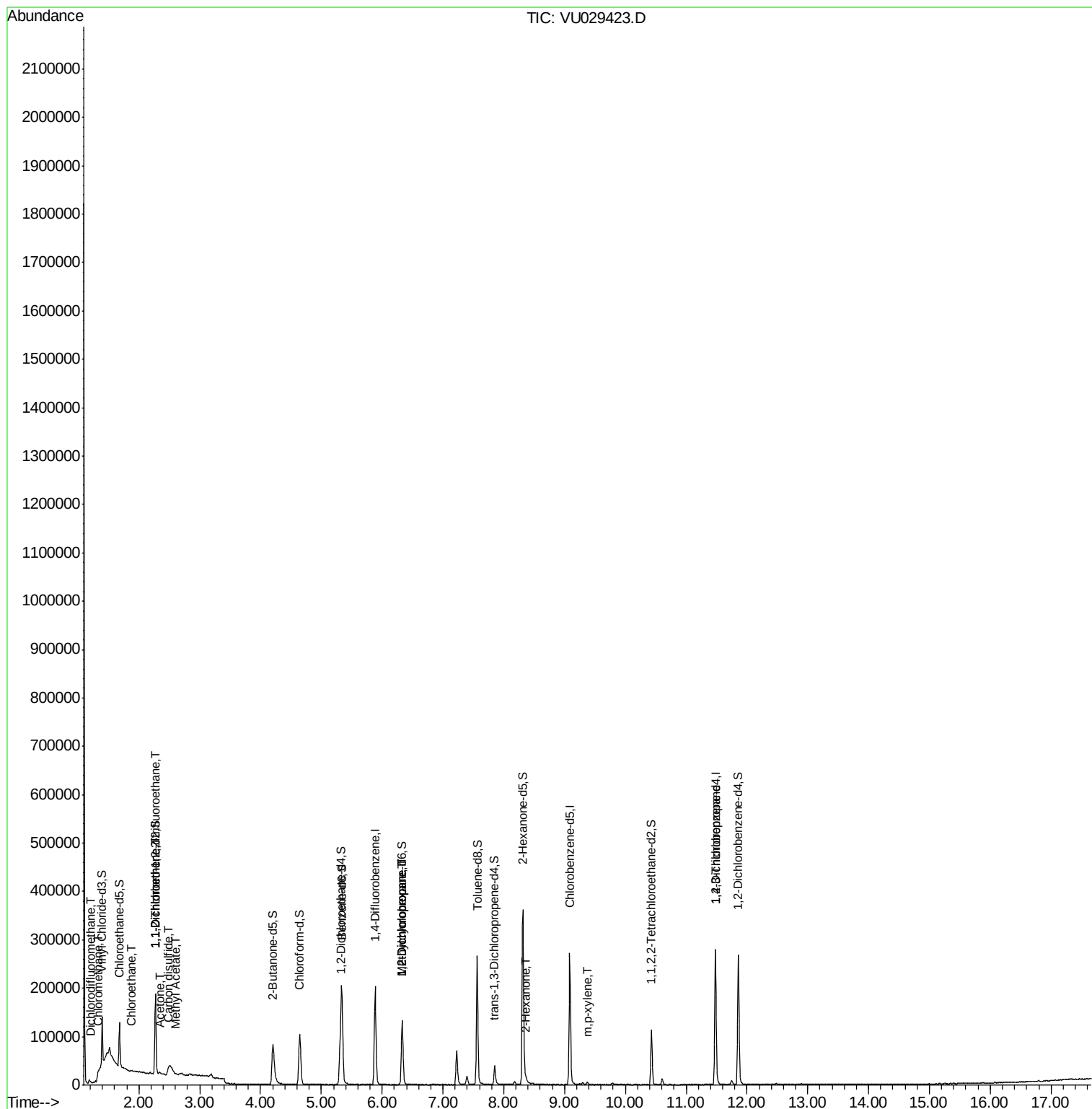
					Qvalue
2) Dichlorodifluoromethane	1.21	85	1655	0.102 ug/L	100
3) Chloromethane	1.32	50	1478	0.096 ug/L #	75
8) Chloroethane	1.87	64	1310	0.112 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	911	0.056 ug/L #	32
12) 1,1-Dichloroethene	2.28	96	1079	0.071 ug/L #	1
13) Acetone	2.34	43	4954	2.101 ug/L	82
14) Carbon disulfide	2.48	76	4359	0.087 ug/L #	94
15) Methyl Acetate	2.61	43	643	0.106 ug/L #	59
35) Methylcyclohexane	6.33	83	15393	0.674 ug/L #	22
37) 1,2-Dichloropropane	6.33	63	6824	0.564 ug/L #	87
48) 2-Hexanone	8.38	43	2116	0.416 ug/L #	71
53) m,p-xylene	9.38	106	1849	0.076 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	8715	1.123 ug/L	94

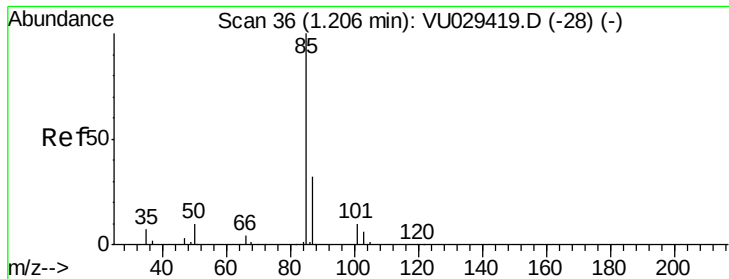
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029423.D
Acq On : 12 Feb 2019 16:32
Operator : JC/SP
Sample : K1436-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXA4

Quant Time: Feb 13 03:29:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.102 ug/L

RT: 1.21 min Scan# 36

Delta R.T. -0.00 min

Lab File: VU029423.D

Acq: 12 Feb 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

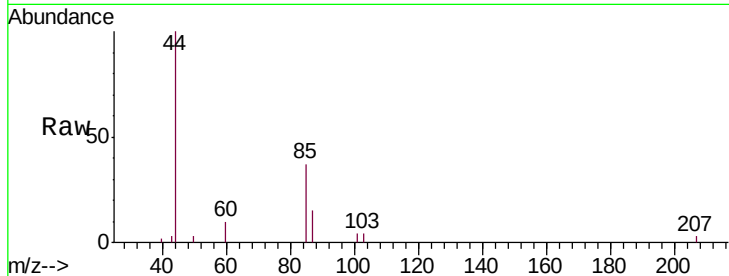
ESXA4

Tgt Ion: 85 Resp: 1655

Ion Ratio Lower Upper

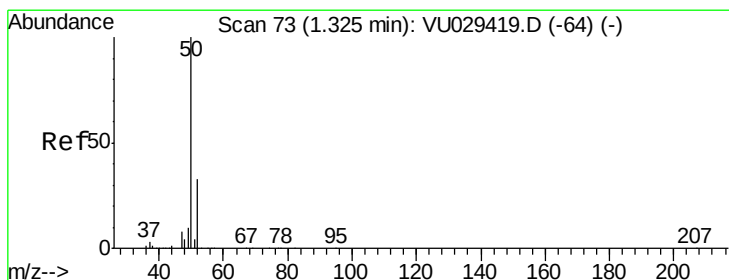
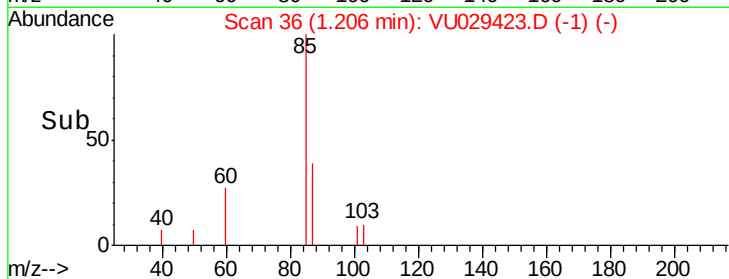
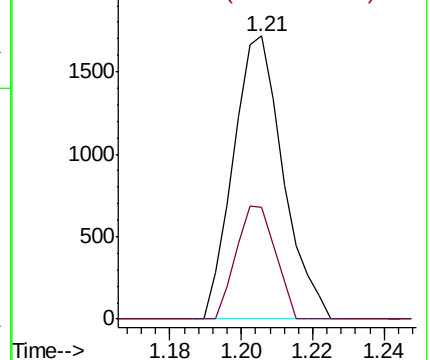
85 100

87 31.6 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU029423.D

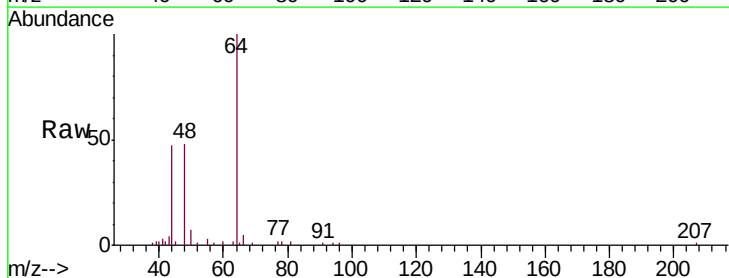
Acq: 12 Feb 2019 16:32

Tgt Ion: 50 Resp: 1478

Ion Ratio Lower Upper

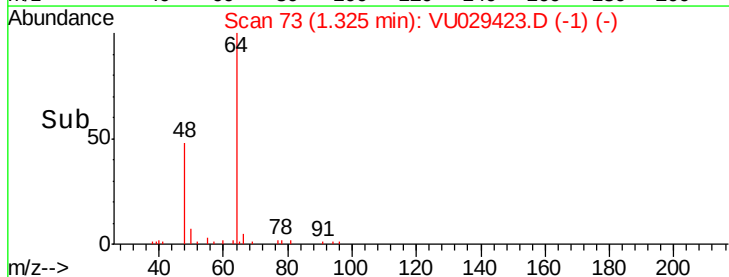
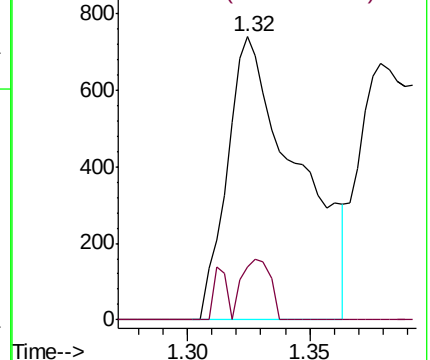
50 100

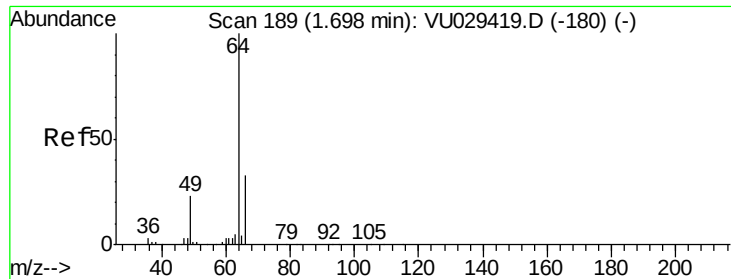
52 18.8 23.1 42.9#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0





#8

Chloroethane

Concen: 0.112 ug/L

RT: 1.87 min Scan# 242

Delta R.T. 0.17 min

Lab File: VU029423.D

Acq: 12 Feb 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

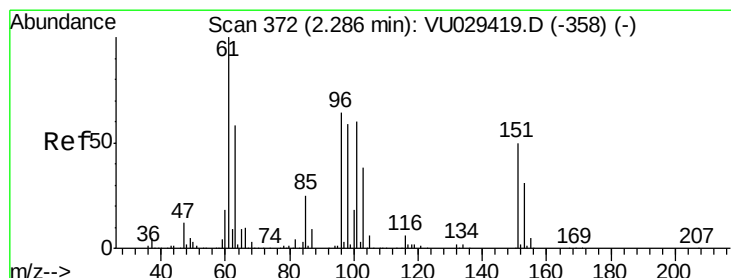
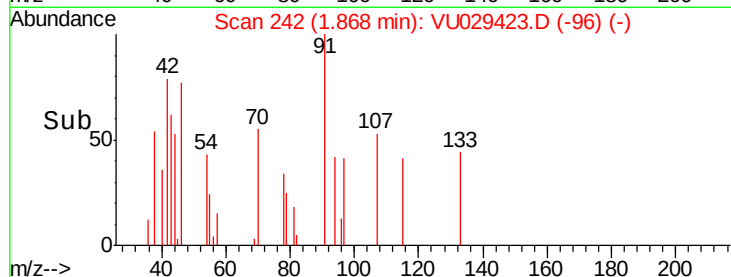
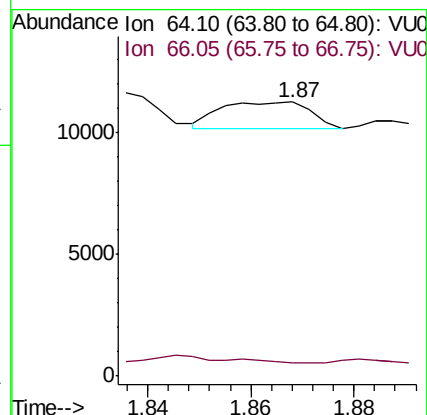
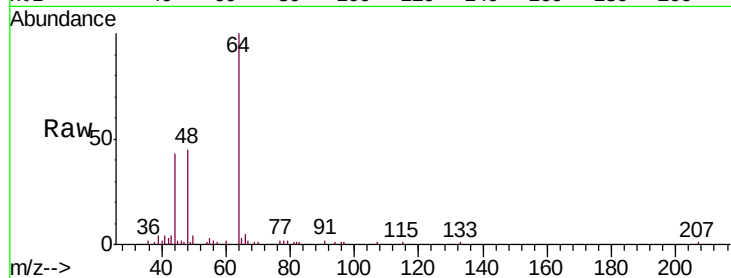
ESXA4

Tgt Ion: 64 Resp: 1310

Ion Ratio Lower Upper

64 100

66 5.1 22.0 40.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.056 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029423.D

Acq: 12 Feb 2019 16:32

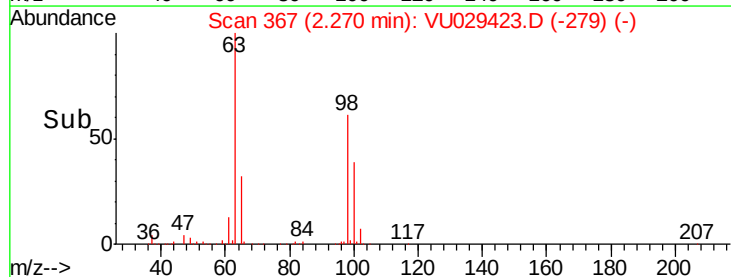
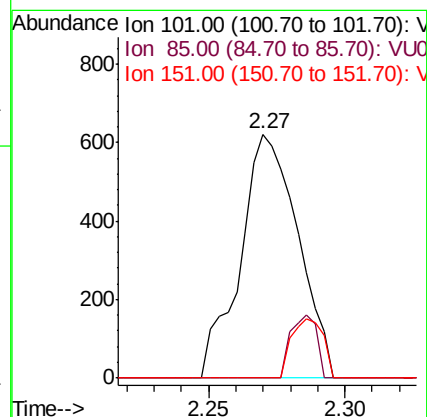
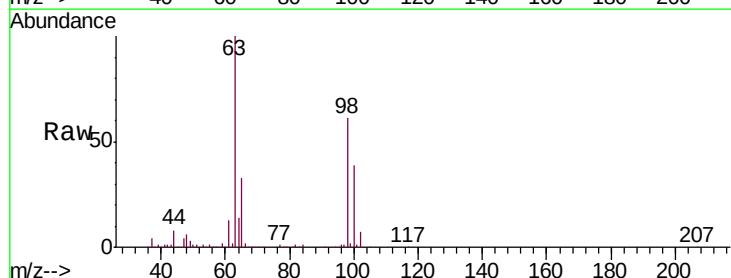
Tgt Ion: 101 Resp: 911

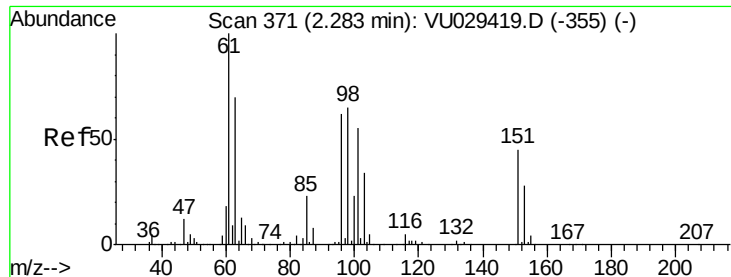
Ion Ratio Lower Upper

101 100

85 11.9 35.1 52.7#

151 13.4 67.0 100.6#





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029423.D

Acq: 12 Feb 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

ESXA4

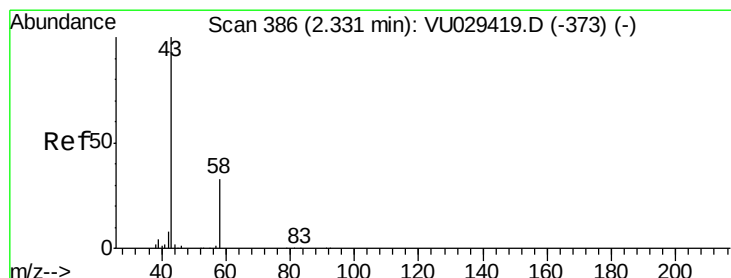
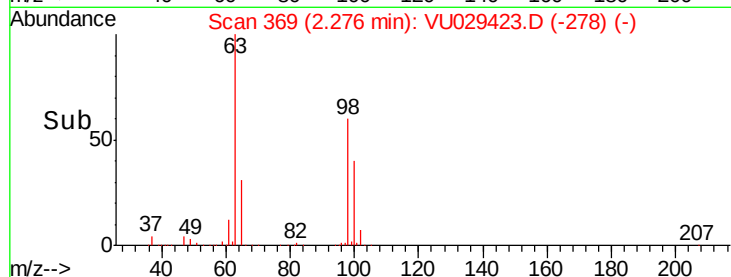
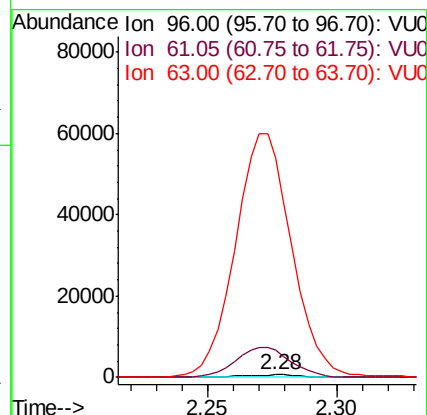
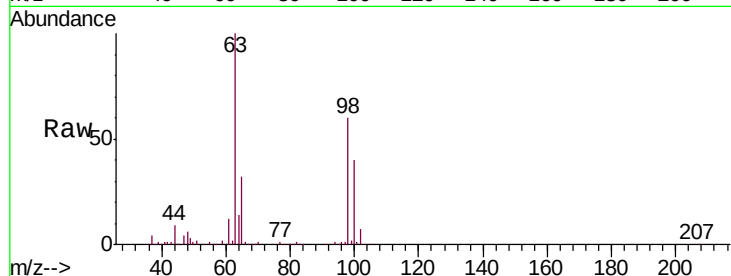
Tgt Ion: 96 Resp: 1079

Ion Ratio Lower Upper

96 100

61 1028.1 115.1 213.7#

63 8274.0 83.5 155.1#



#13

Acetone

Concen: 2.101 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.01 min

Lab File: VU029423.D

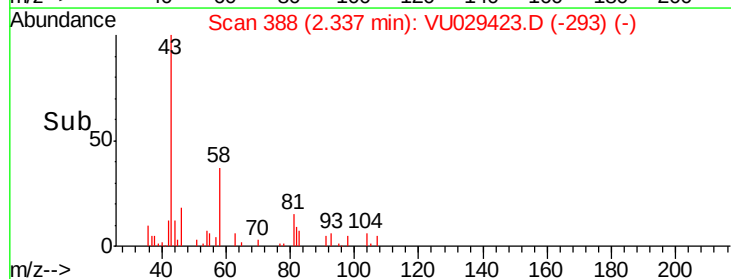
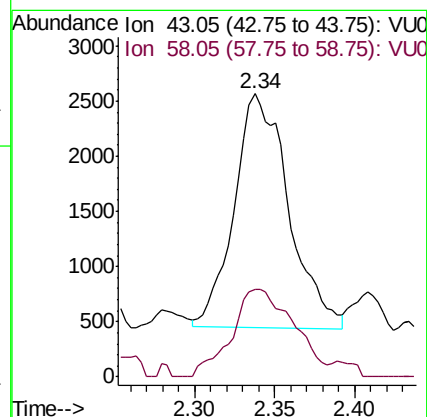
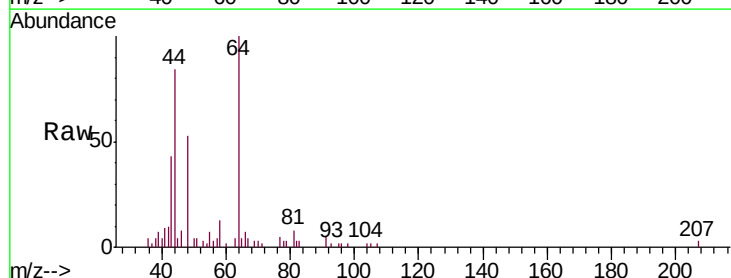
Acq: 12 Feb 2019 16:32

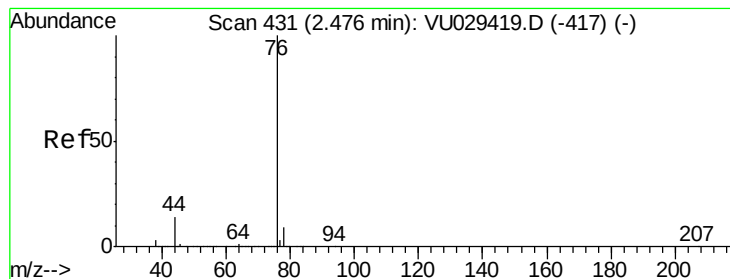
Tgt Ion: 43 Resp: 4954

Ion Ratio Lower Upper

43 100

58 42.7 0.0 65.0





#14

Carbon disulfide

Concen: 0.087 ug/L

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU029423.D

Acq: 12 Feb 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

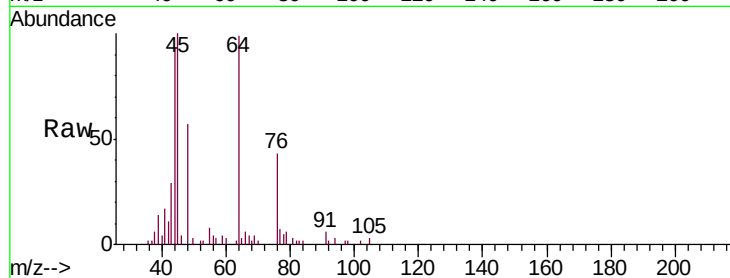
ESXA4

Tgt Ion: 76 Resp: 4359

Ion Ratio Lower Upper

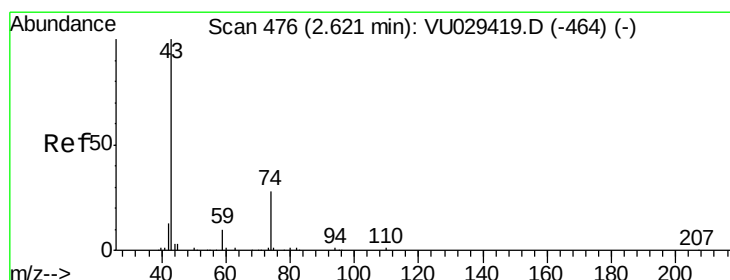
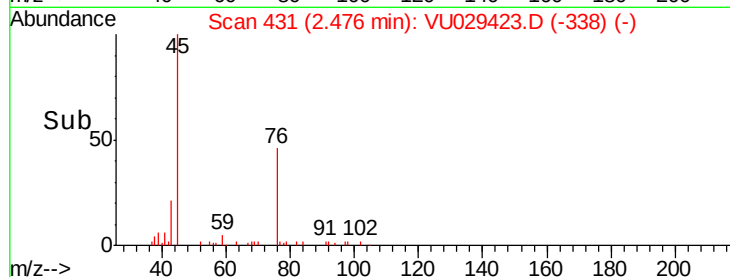
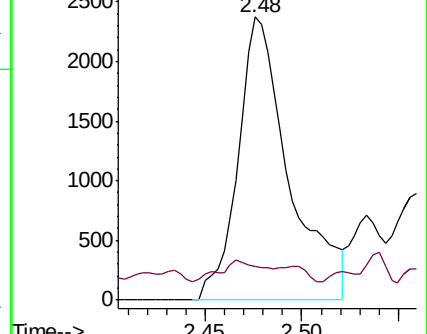
76 100

78 11.7 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#15

Methyl Acetate

Concen: 0.106 ug/L

RT: 2.61 min Scan# 473

Delta R.T. -0.01 min

Lab File: VU029423.D

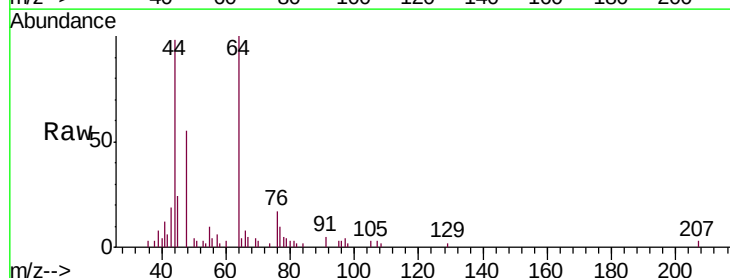
Acq: 12 Feb 2019 16:32

Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

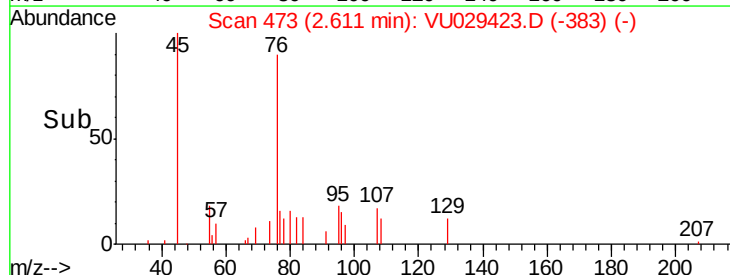
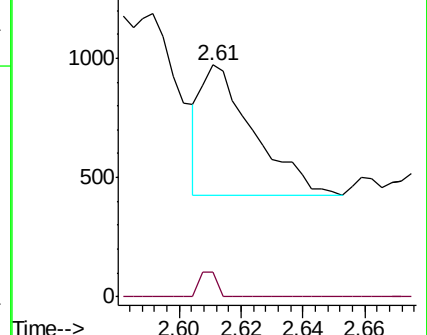
43 100

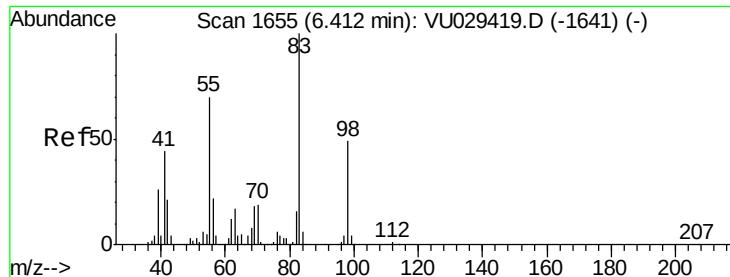
74 6.4 22.3 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

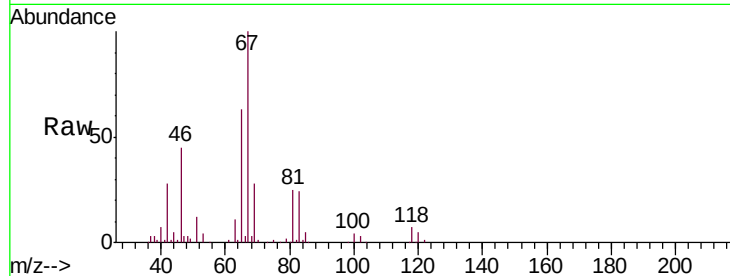




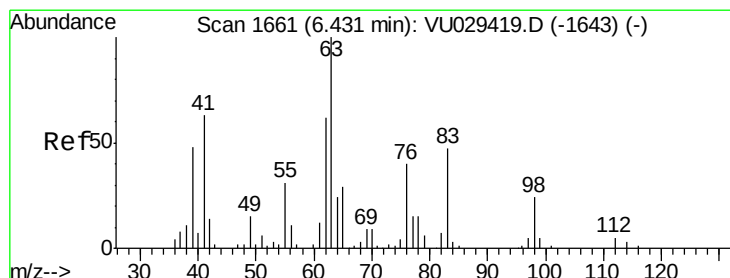
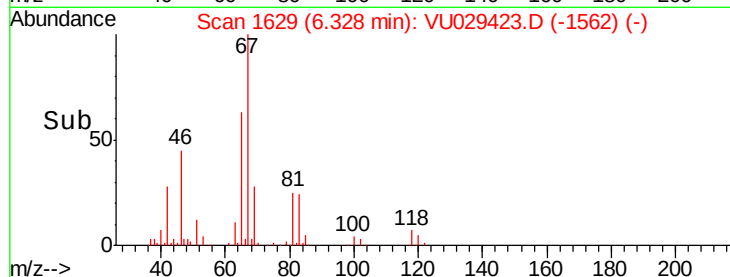
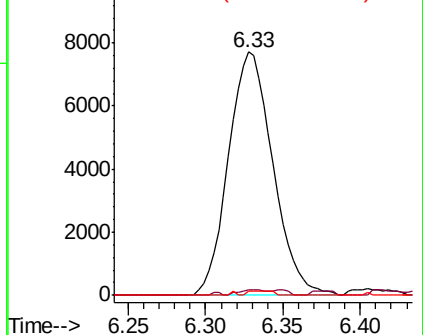
#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029423.D
Acq: 12 Feb 2019 16:32

Instrument :
MSVOA_U
ClientSampleId :
ESXA4

Tgt Ion: 83 Resp: 15393
Ion Ratio Lower Upper
83 100
55 1.4 55.9 83.9#
98 1.0 38.6 57.8#

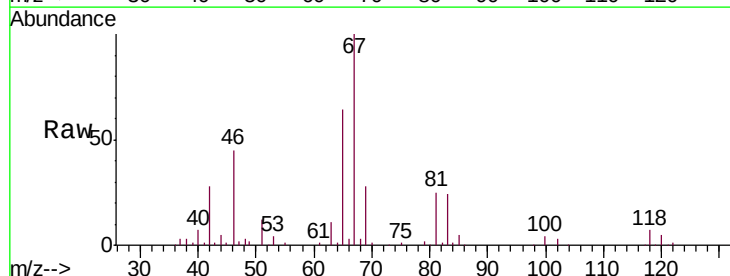


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

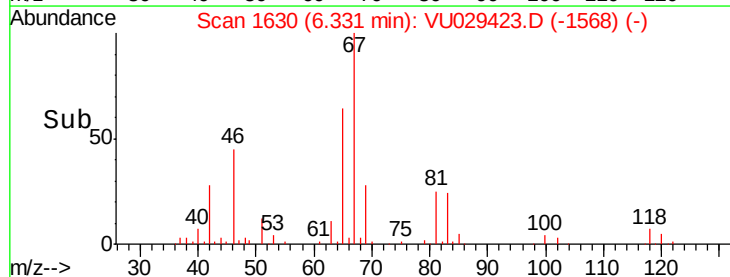
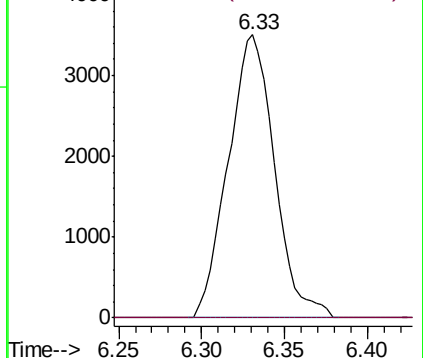


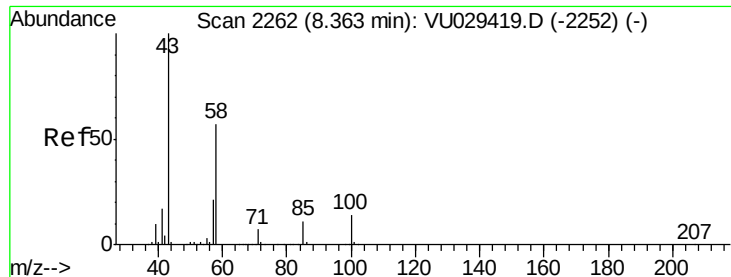
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029423.D
Acq: 12 Feb 2019 16:32

Tgt Ion: 63 Resp: 6824
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

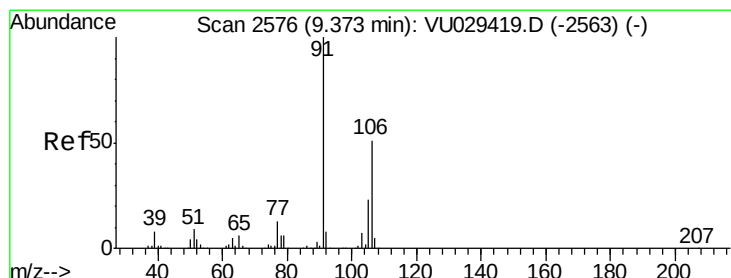
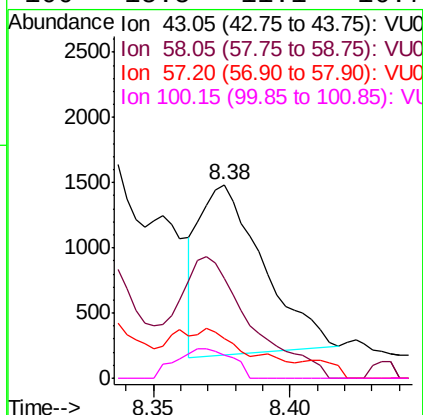
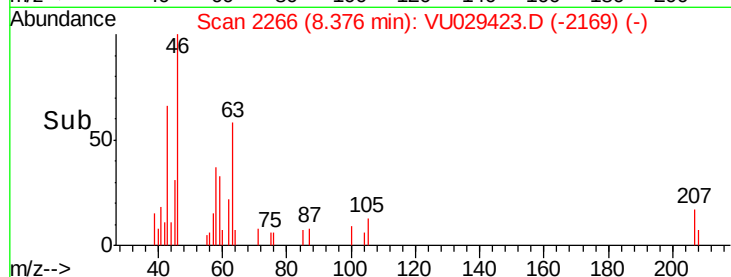
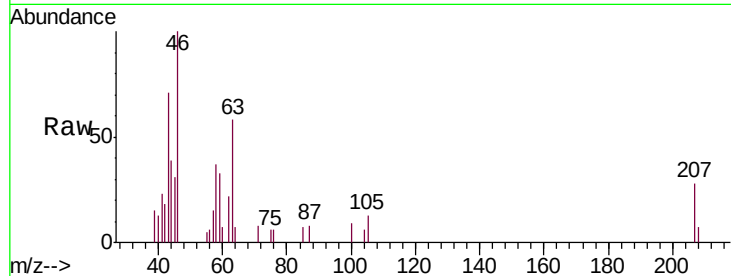




#48
2-Hexanone
Concen: 0.416 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.01 min
Lab File: VU029423.D
Acq: 12 Feb 2019 16:32

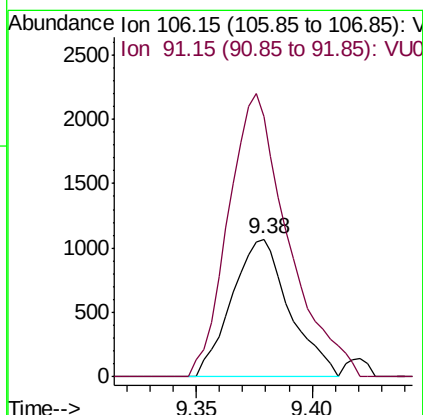
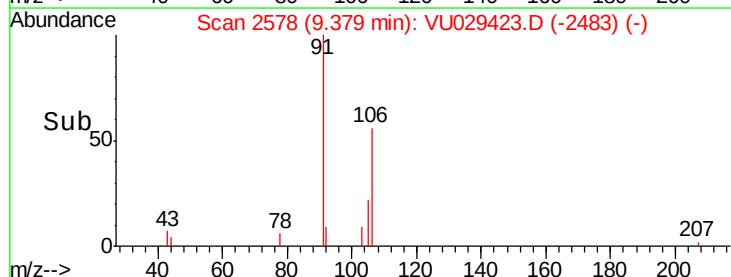
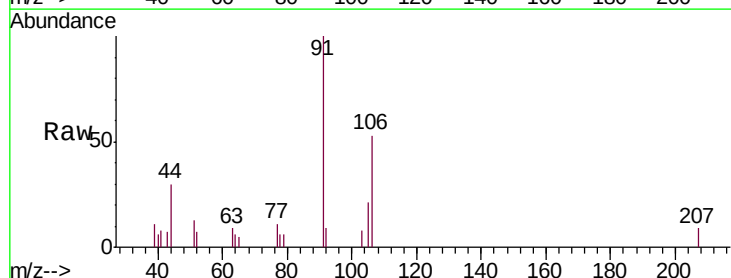
Instrument :
MSVOA_U
ClientSampleId :
ESXA4

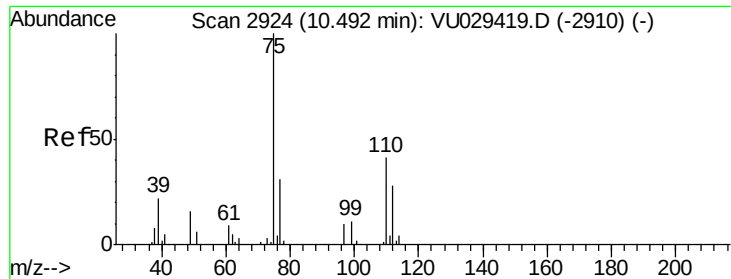
Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 82.0 45.7 68.5#
57 5.2 16.4 24.6#
100 15.5 11.1 16.7



#53
m,p-xylene
Concen: 0.076 ug/L
RT: 9.38 min Scan# 2578
Delta R.T. 0.01 min
Lab File: VU029423.D
Acq: 12 Feb 2019 16:32

Tgt Ion: 106 Resp: 1849
Ion Ratio Lower Upper
106 100
91 188.9 135.7 251.9





#59

1,2,3-Trichloropropane

Concen: 1.123 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029423.D

Acq: 12 Feb 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

ESXA4

Tgt Ion: 75 Resp: 8715

Ion Ratio Lower Upper

75 100

77 38.5 28.2 42.2

