

Data File : VU029433.D
Acq On : 12 Feb 2019 20:30
Operator : JC/SP
Sample : K1436-21MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB3MS

Quant Time: Feb 13 03:31:20 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	201089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61081	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	57783	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	136468	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.20	46	155005	55.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	4.65	84	89217	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.31	65	57108	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.34	84	221554	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.33	67	66043	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.56	98	210562	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	25667	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.31	63	152046	55.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58872	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	89980	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1144	0.065	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	69151	4.179	ug/L	97
13) Acetone	2.33	43	5619	2.202	ug/L	95
15) Methyl Acetate	2.46	43	14030	2.146	ug/L #	47
25) Chloroform	4.67	83	17429	0.655	ug/L	99
27) 1,2-Dichloroethane	5.39	62	2225	0.145	ug/L #	72
33) Benzene	5.39	78	238148	4.316	ug/L	100
34) Trichloroethene	6.18	95	64051	4.128	ug/L	96
35) Methylcyclohexane	6.33	83	16424	0.629	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7371	0.533	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1977	0.091	ug/L	96
42) Toluene	7.63	91	267531	4.319	ug/L	98
48) 2-Hexanone	8.31	43	15483	2.666	ug/L #	72
51) Chlorobenzene	9.12	112	181401	4.259	ug/L	98
53) m,p-xylene	9.38	106	1817	0.065	ug/L	80
59) 1,2,3-Trichloropropane	11.48	75	9694	1.093	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

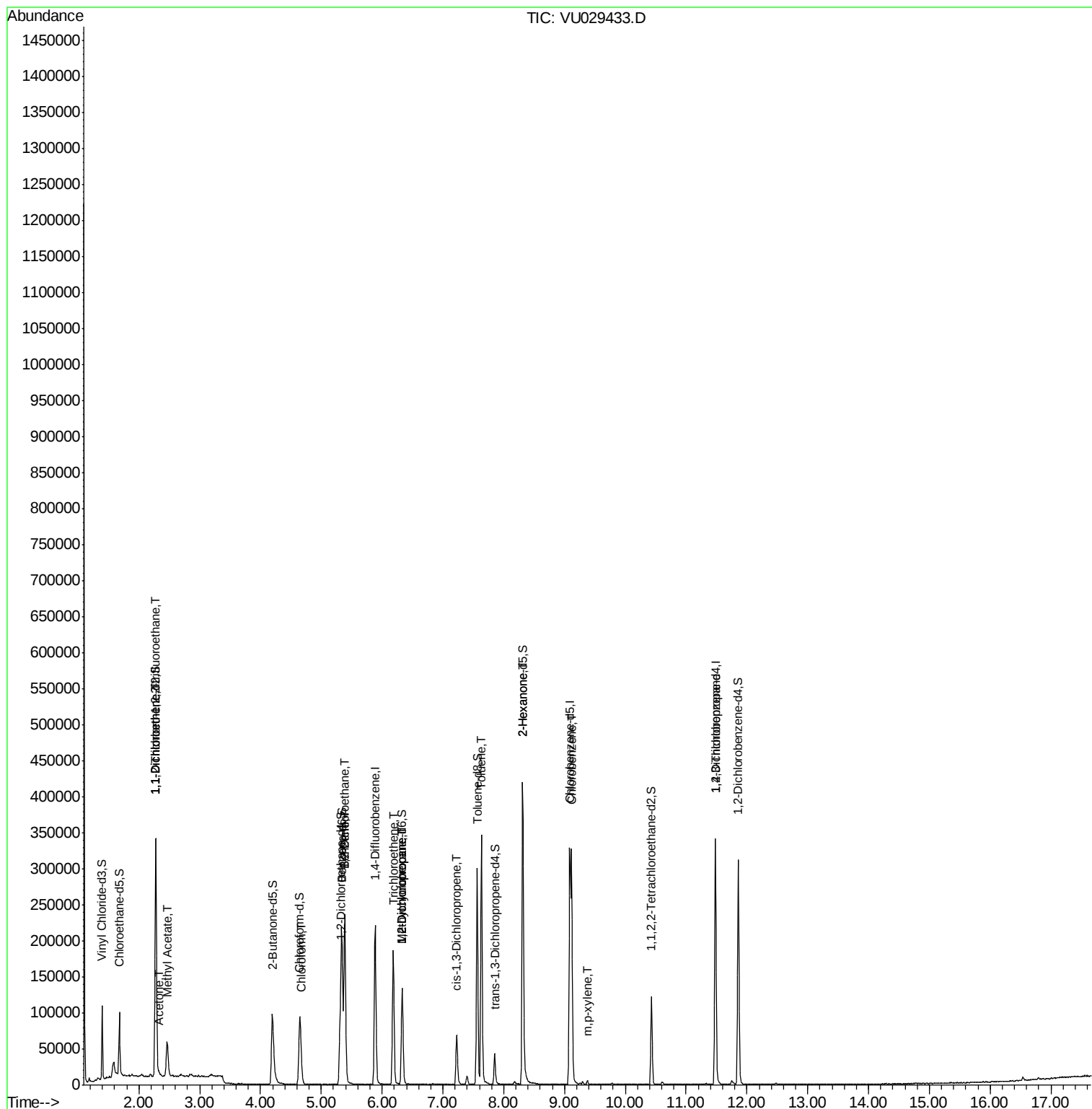
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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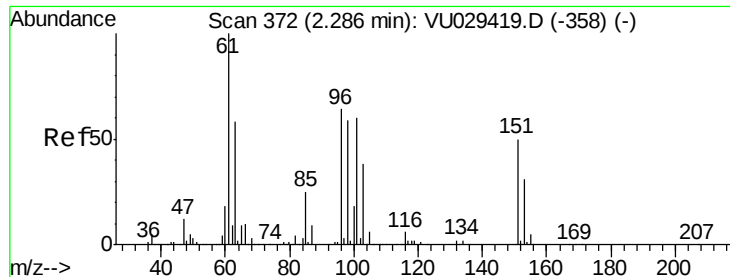
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration





#10

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

Concen: 0.065 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

ESXB3MS

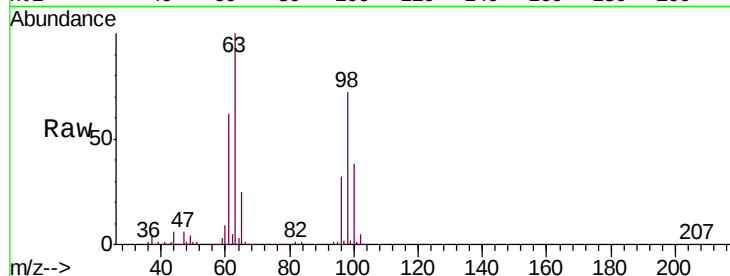
Tgt Ion: 101 Resp: 1144

Ion Ratio Lower Upper

101 100

85 3.8 35.1 52.7#

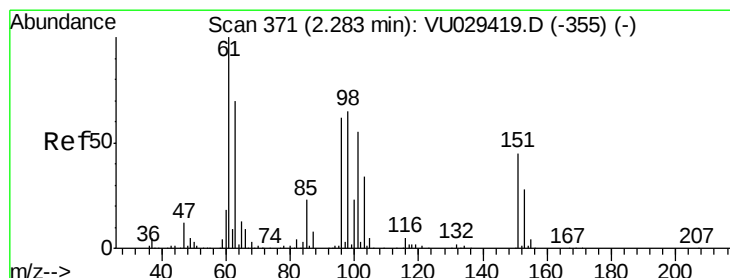
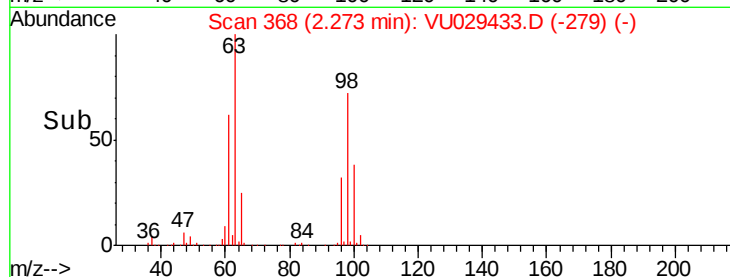
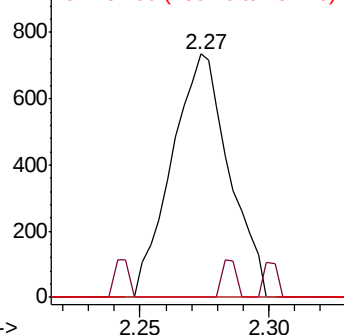
151 0.0 67.0 100.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.179 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

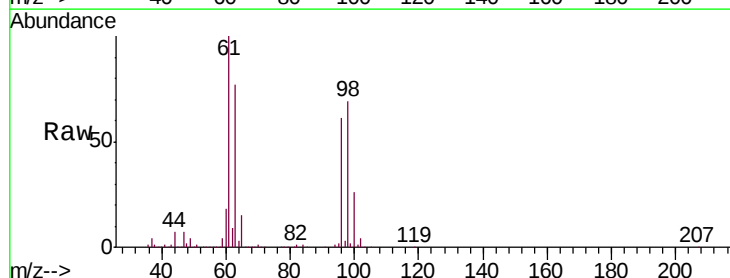
Tgt Ion: 96 Resp: 69151

Ion Ratio Lower Upper

96 100

61 163.8 115.1 213.7

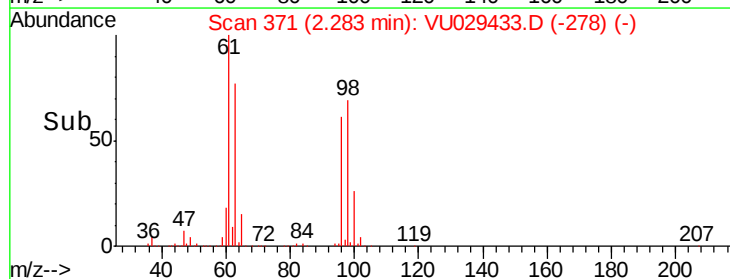
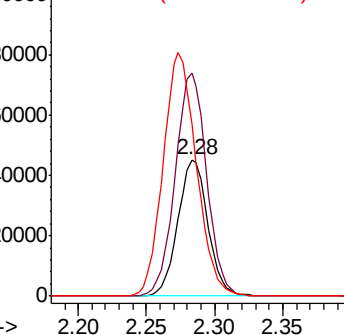
63 125.7 83.5 155.1

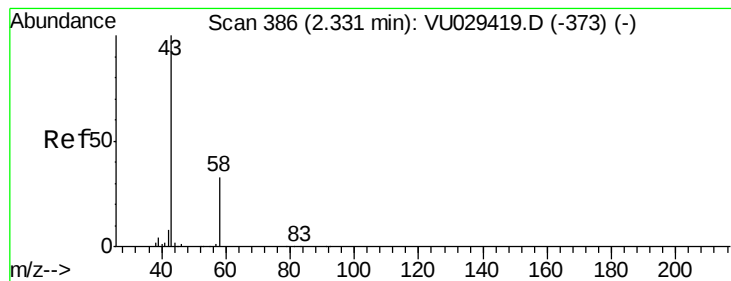


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.202 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

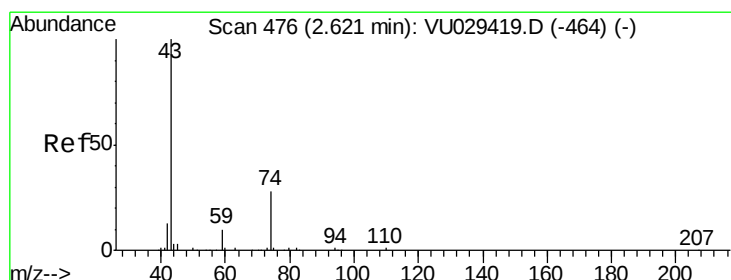
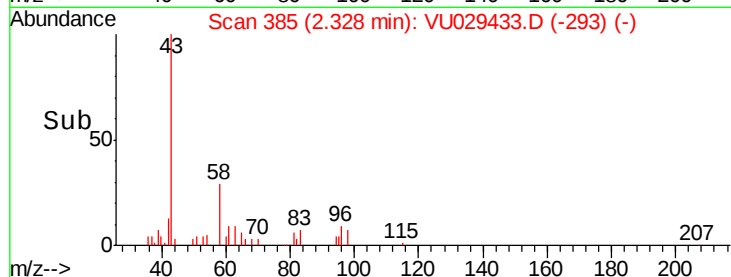
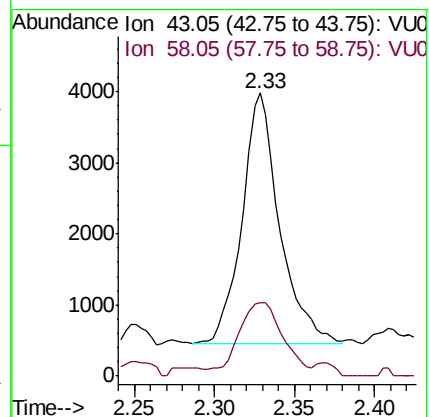
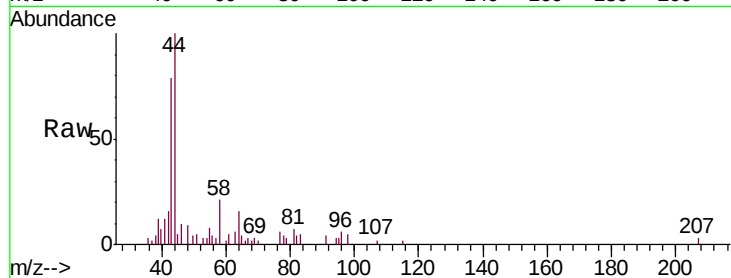
ESXB3MS

Tgt Ion: 43 Resp: 5619

Ion Ratio Lower Upper

43 100

58 35.5 0.0 65.0



#15

Methyl Acetate

Concen: 2.146 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.16 min

Lab File: VU029433.D

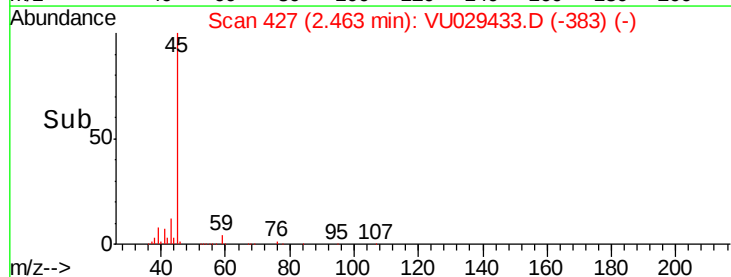
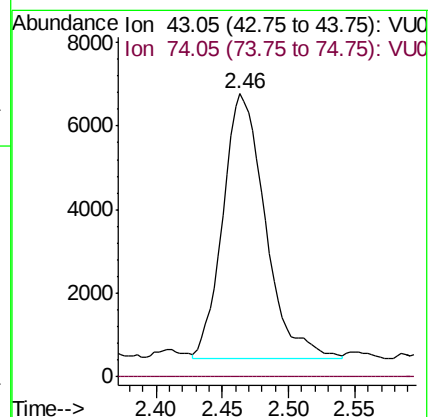
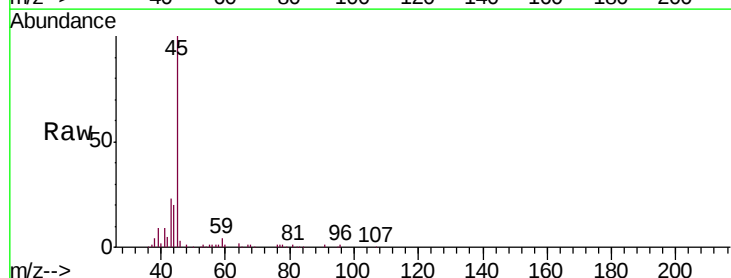
Acq: 12 Feb 2019 20:30

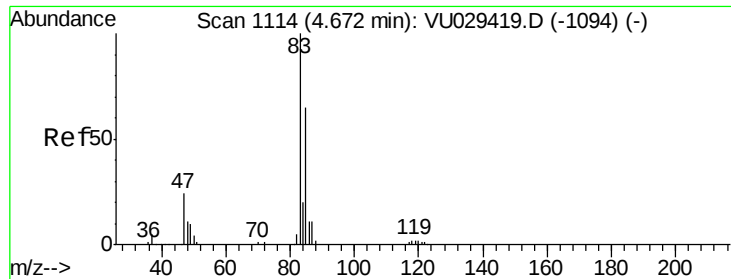
Tgt Ion: 43 Resp: 14030

Ion Ratio Lower Upper

43 100

74 0.0 22.3 33.5#

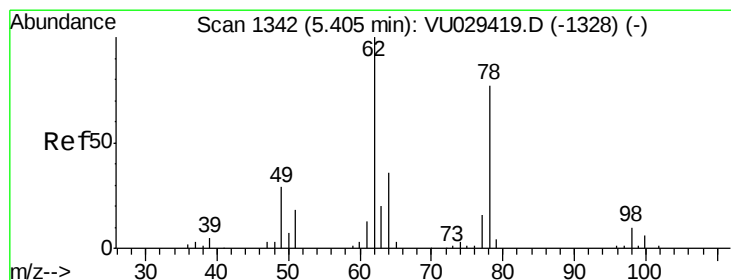
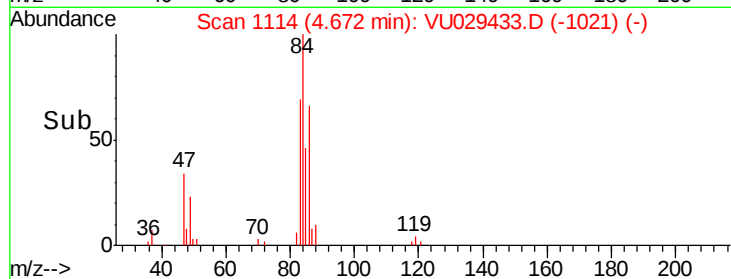
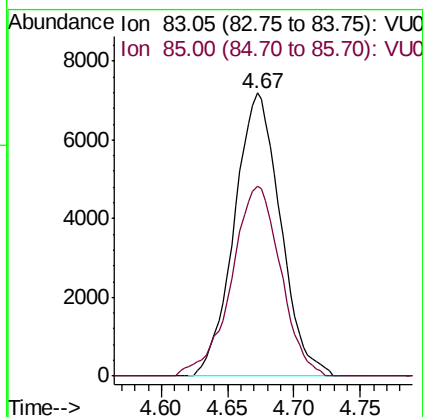
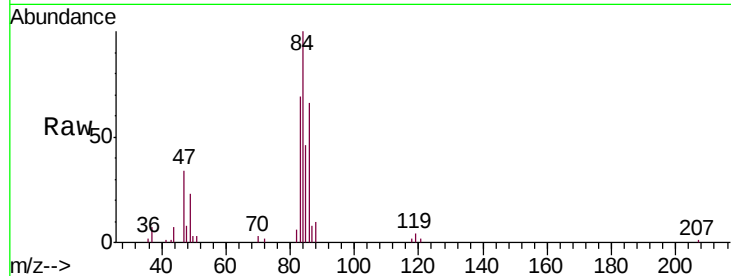




#25
Chloroform
Concen: 0.655 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029433.D
Acq: 12 Feb 2019 20:30

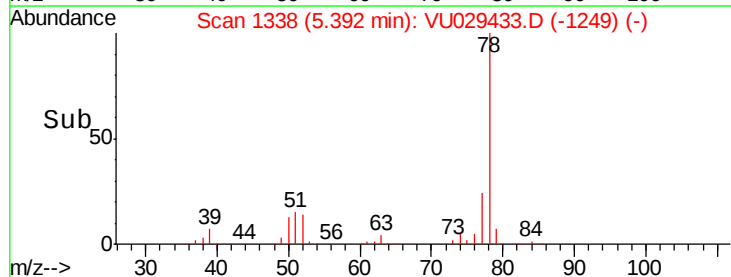
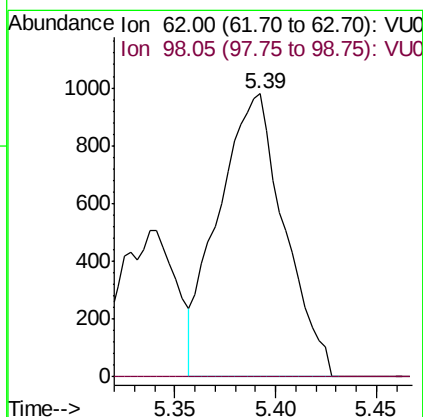
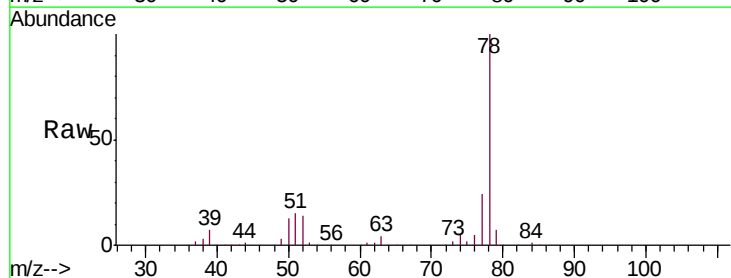
Instrument :
MSVOA_U
ClientSampleId :
ESXB3MS

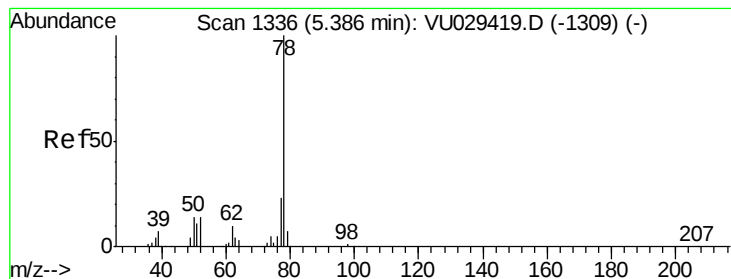
Tgt Ion: 83 Resp: 17429
Ion Ratio Lower Upper
83 100
85 67.2 47.8 88.8



#27
1,2-Dichloroethane
Concen: 0.145 ug/L
RT: 5.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VU029433.D
Acq: 12 Feb 2019 20:30

Tgt Ion: 62 Resp: 2225
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





#33

Benzene

Concen: 4.316 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

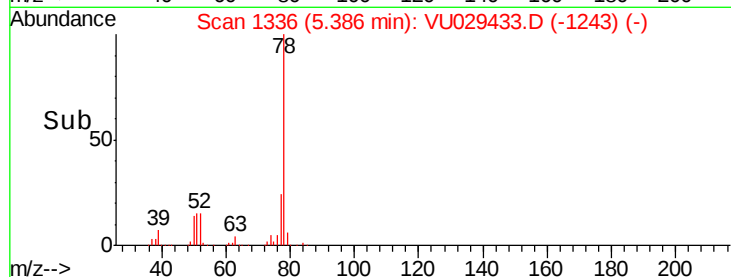
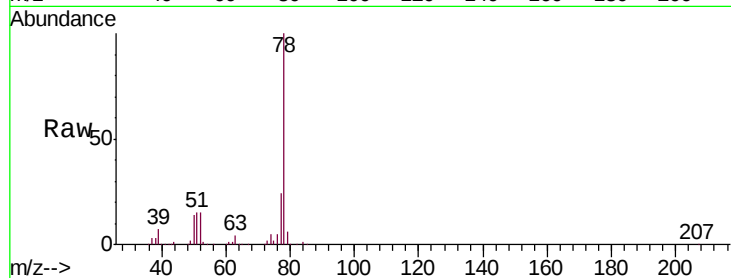
Instrument :

MSVOA_U

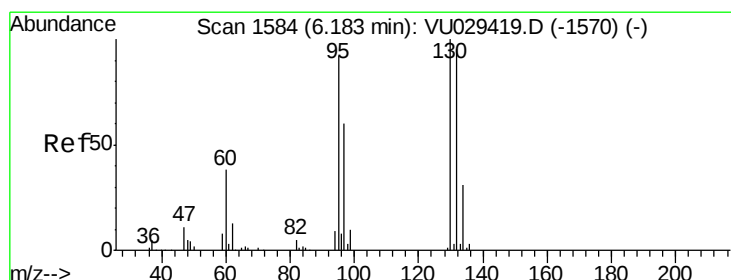
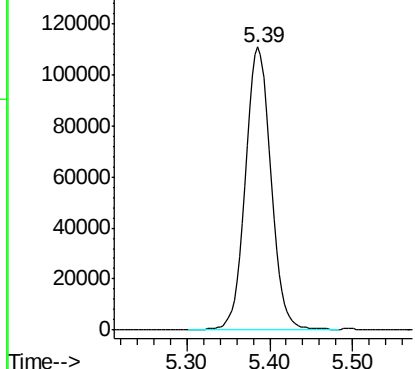
ClientSampleId :

ESXB3MS

Tgt Ion: 78 Resp: 238148



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.128 ug/L

RT: 6.18 min Scan# 1584

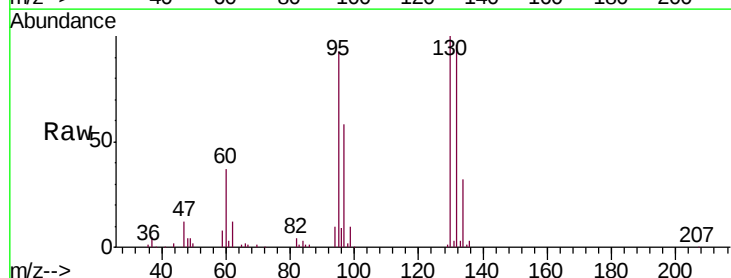
Delta R.T. 0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

Tgt Ion: 95 Resp: 64051

Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.3	86.1
132	102.9	72.9	135.3
130	107.6	79.2	147.0

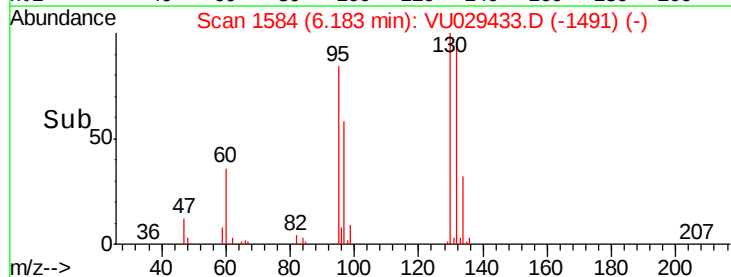
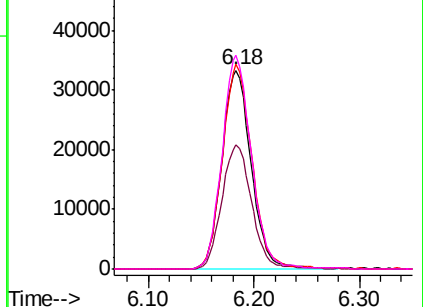


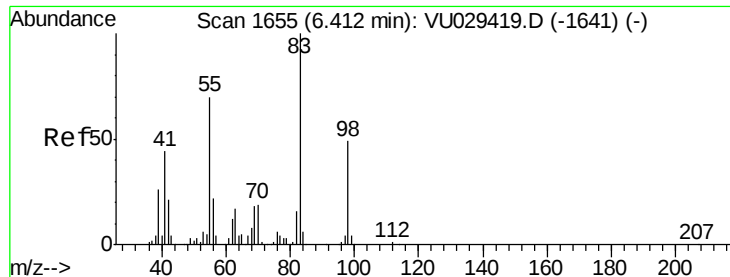
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#35

Methylcyclohexane

Concen: 0.629 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

ESXB3MS

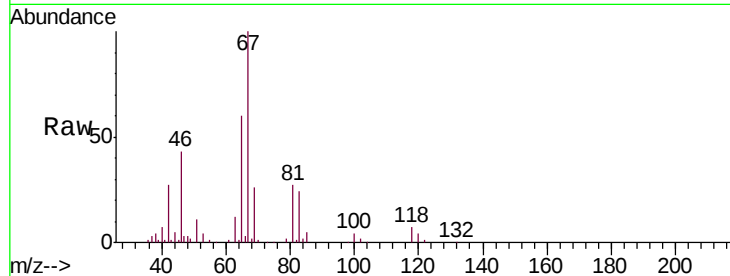
Tgt Ion: 83 Resp: 16424

Ion Ratio Lower Upper

83 100

55 2.0 55.9 83.9#

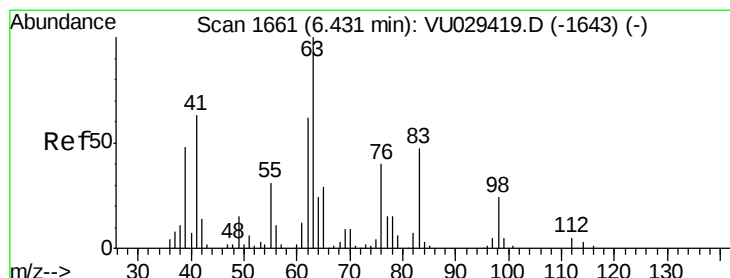
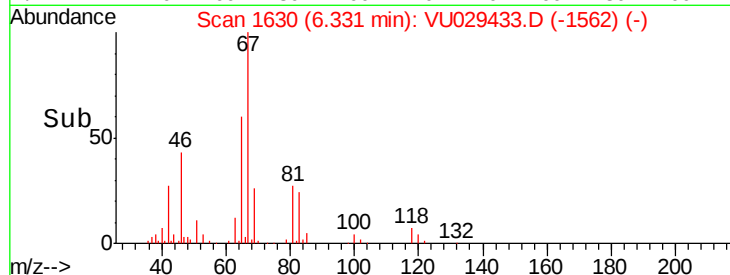
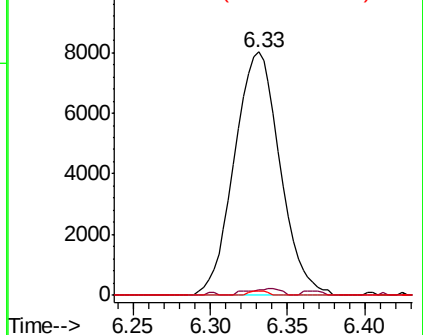
98 0.7 38.6 57.8#



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: 0.533 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU029433.D

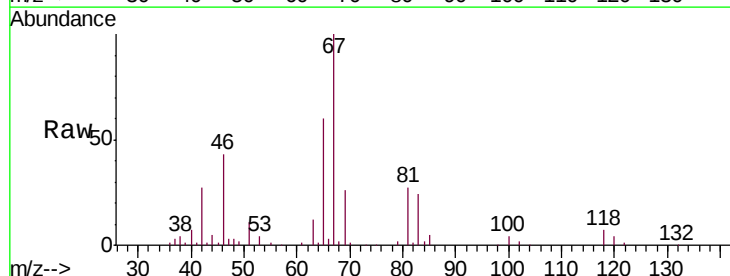
Acq: 12 Feb 2019 20:30

Tgt Ion: 63 Resp: 7371

Ion Ratio Lower Upper

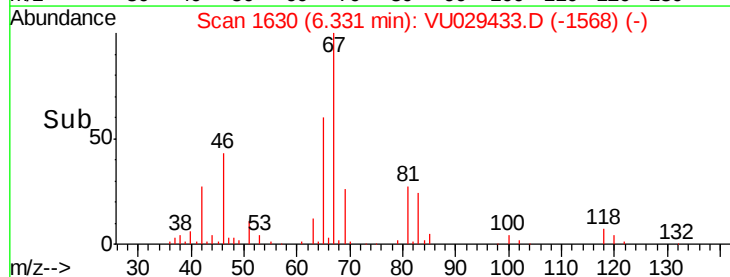
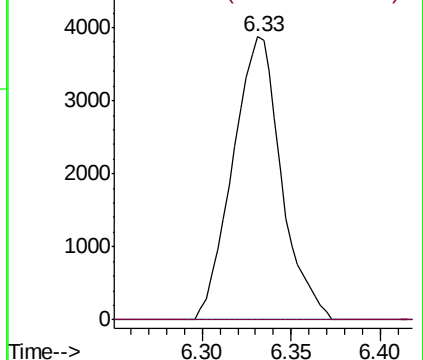
63 100

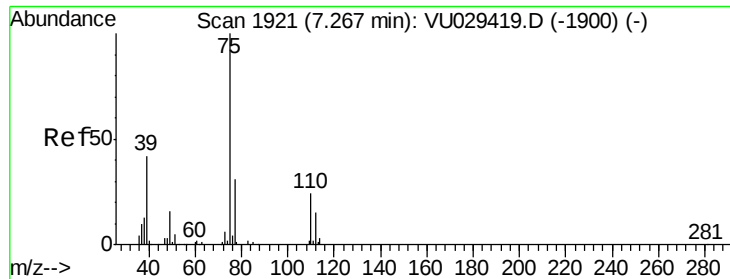
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

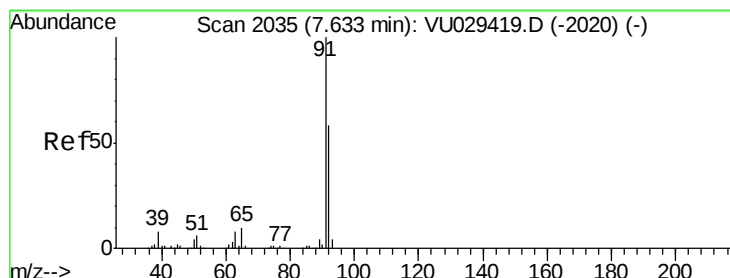
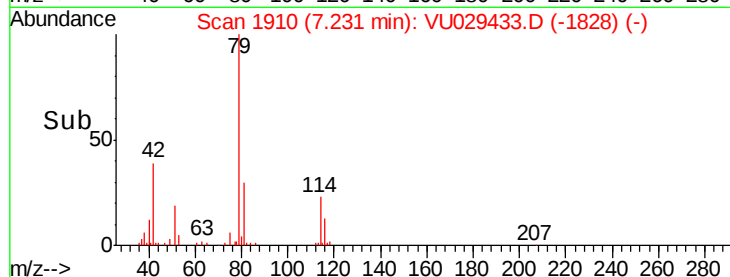
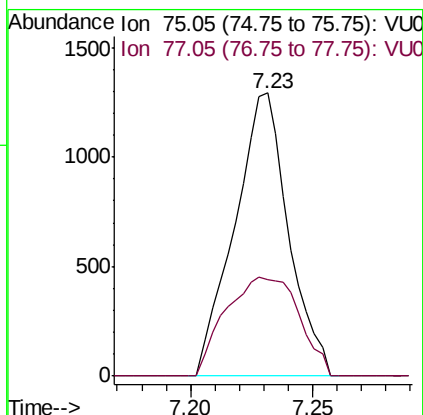
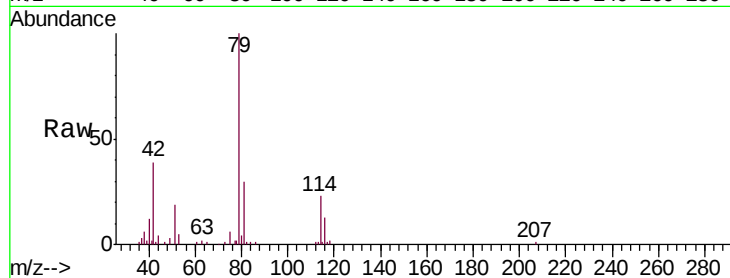




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. -0.04 min
 Lab File: VU029433.D
 Acq: 12 Feb 2019 20:30

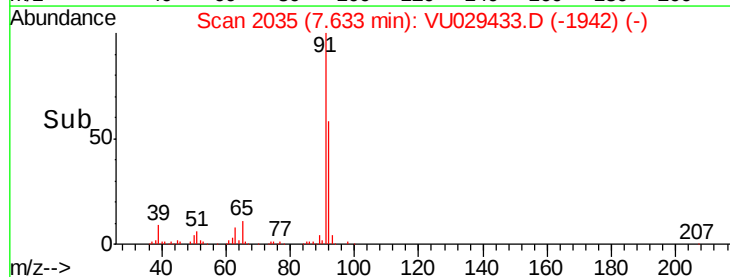
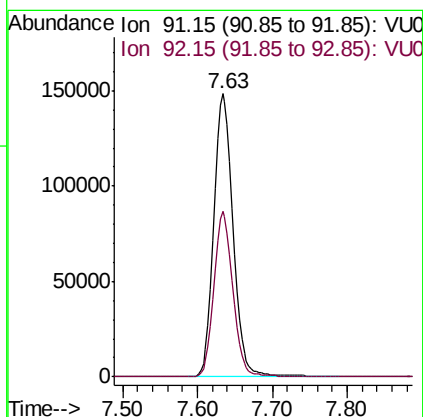
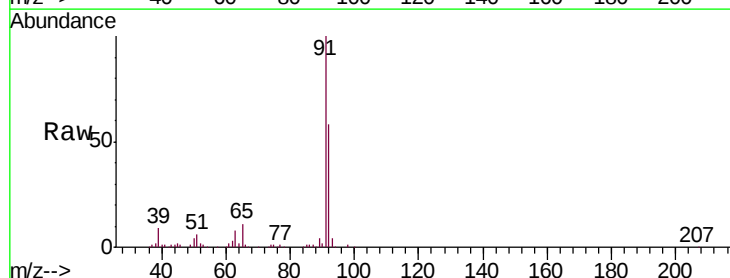
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 ESXB3MS

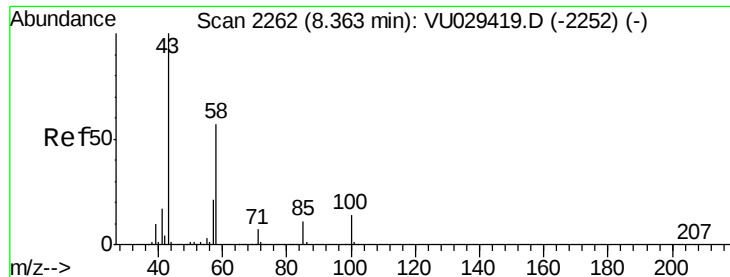
Tgt Ion: 75 Resp: 1977
 Ion Ratio Lower Upper
 75 100
 77 33.9 22.3 41.3



#42
 Toluene
 Concen: 4.319 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU029433.D
 Acq: 12 Feb 2019 20:30

Tgt Ion: 91 Resp: 267531
 Ion Ratio Lower Upper
 91 100
 92 58.5 39.8 73.8

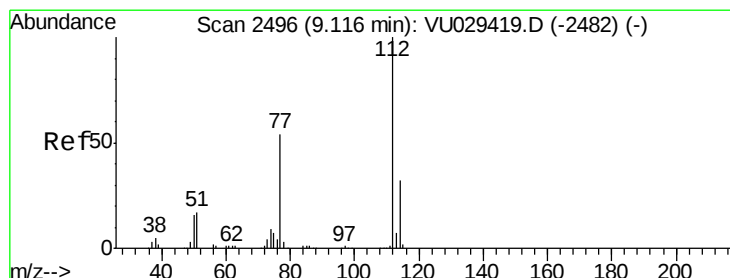
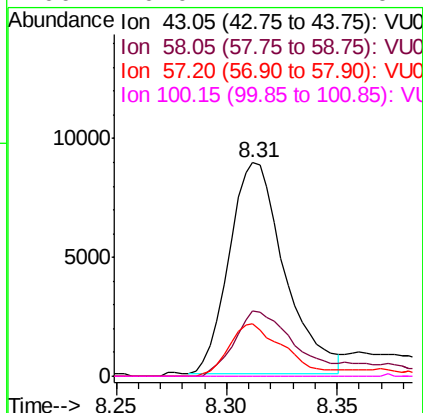
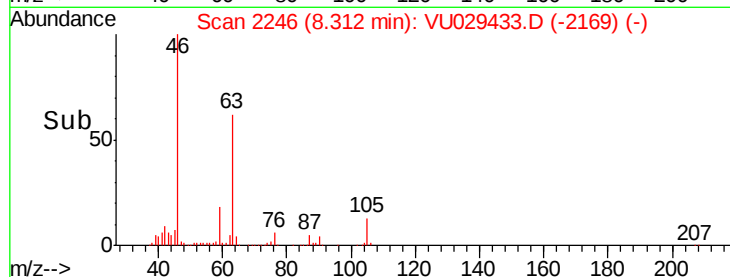
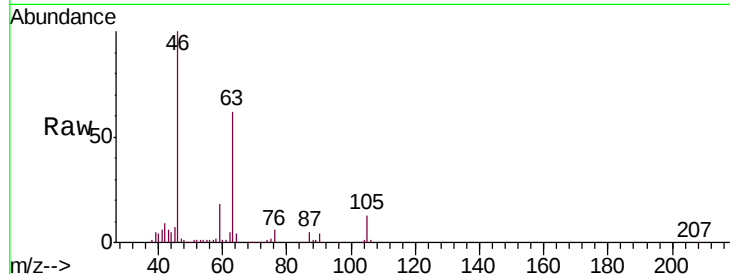




#48
2-Hexanone
Concen: 2.666 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029433.D
Acq: 12 Feb 2019 20:30

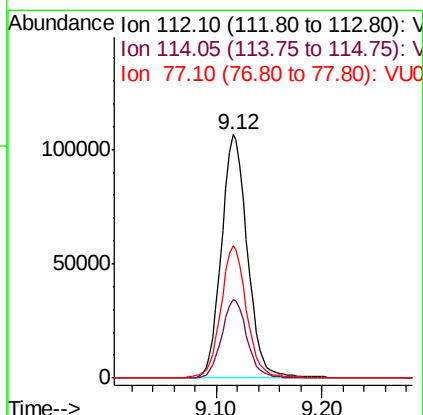
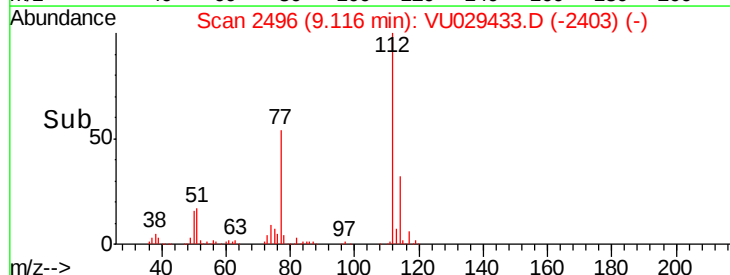
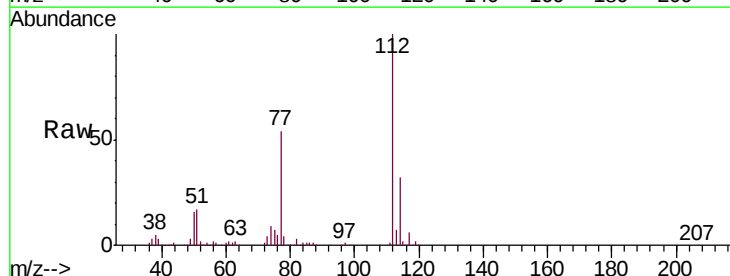
Instrument :
MSVOA_U
ClientSampleId :
ESXB3MS

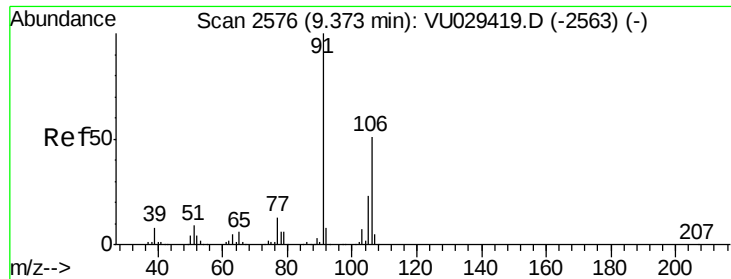
Tgt Ion: 43 Resp: 15483
Ion Ratio Lower Upper
43 100
58 33.1 45.7 68.5#
57 24.6 16.4 24.6#
100 0.0 11.1 16.7#



#51
Chlorobenzene
Concen: 4.259 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU029433.D
Acq: 12 Feb 2019 20:30

Tgt Ion: 112 Resp: 181401
Ion Ratio Lower Upper
112 100
114 32.2 22.9 42.5
77 54.4 41.8 62.6





#53

m,p-xylene

Concen: 0.065 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

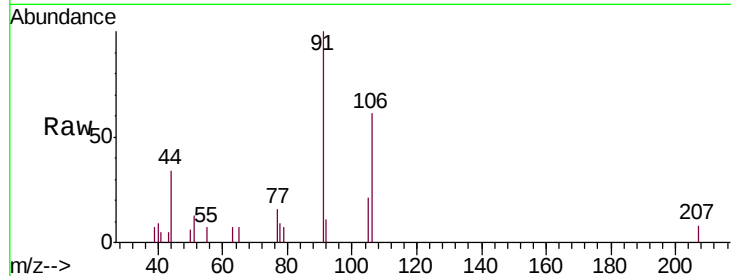
ESXB3MS

Tgt Ion: 106 Resp: 1817

Ion Ratio Lower Upper

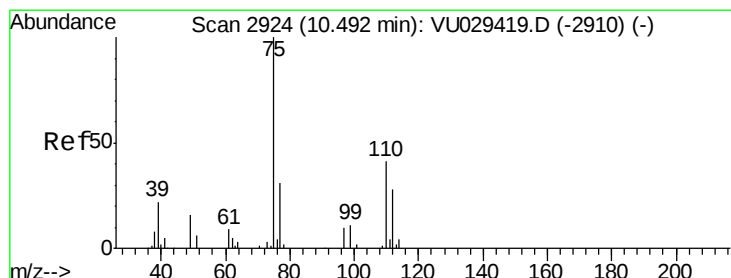
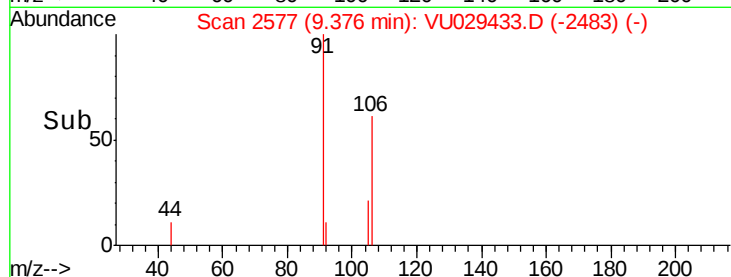
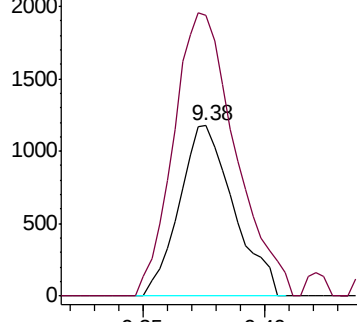
106 100

91 164.6 135.7 251.9



Abundance Ion 106.15 (105.85 to 106.85): VU029419.D (-2563) (-)

Ion 91.15 (90.85 to 91.85): VU029419.D (-2563) (-)



#59

1,2,3-Trichloropropane

Concen: 1.093 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029433.D

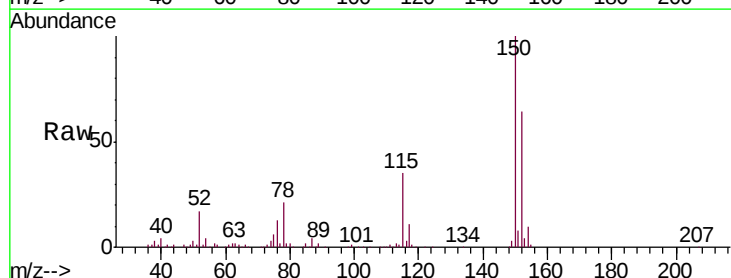
Acq: 12 Feb 2019 20:30

Tgt Ion: 75 Resp: 9694

Ion Ratio Lower Upper

75 100

77 35.3 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU029419.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU029419.D (-2910) (-)

