

Data File : VU029291.D
Acq On : 25 Jan 2019 15:37
Operator : JC/SP
Sample : K1246-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JJ4

Quant Time: Jan 28 02:25:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	62197	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	28888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26923	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	21789	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	37080	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.20	46	64132	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.65	84	46848	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	26825	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.34	84	86956	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.33	67	28557	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.56	98	74561	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.85	79	11593	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.31	63	57519	51.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23650	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	30954	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.28	96	334	0.071	ug/L #	1
13) Acetone	2.34	43	433	0.476	ug/L #	45
15) Methyl Acetate	2.34	43	333	0.153	ug/L #	51
19) 1,1-Dichloroethane	3.44	63	625	0.069	ug/L #	49
22) cis-1,2-Dichloroethene	4.22	96	3161	0.616	ug/L	86
25) Chloroform	4.67	83	1670	0.175	ug/L	95
31) Carbon tetrachloride	5.13	117	1407	0.191	ug/L	82
34) Trichloroethene	6.18	95	7169	1.366	ug/L	89
35) Methylcyclohexane	6.33	83	6792	0.810	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	3239	0.619	ug/L #	85
39) cis-1,3-Dichloropropene	7.22	75	767	0.102	ug/L #	48
47) Tetrachloroethene	8.22	164	2134	0.463	ug/L	95
48) 2-Hexanone	8.31	43	6951	3.022	ug/L #	67
49) Dibromochloromethane	8.22	129	1860	0.399	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	3632	1.008	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012519\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

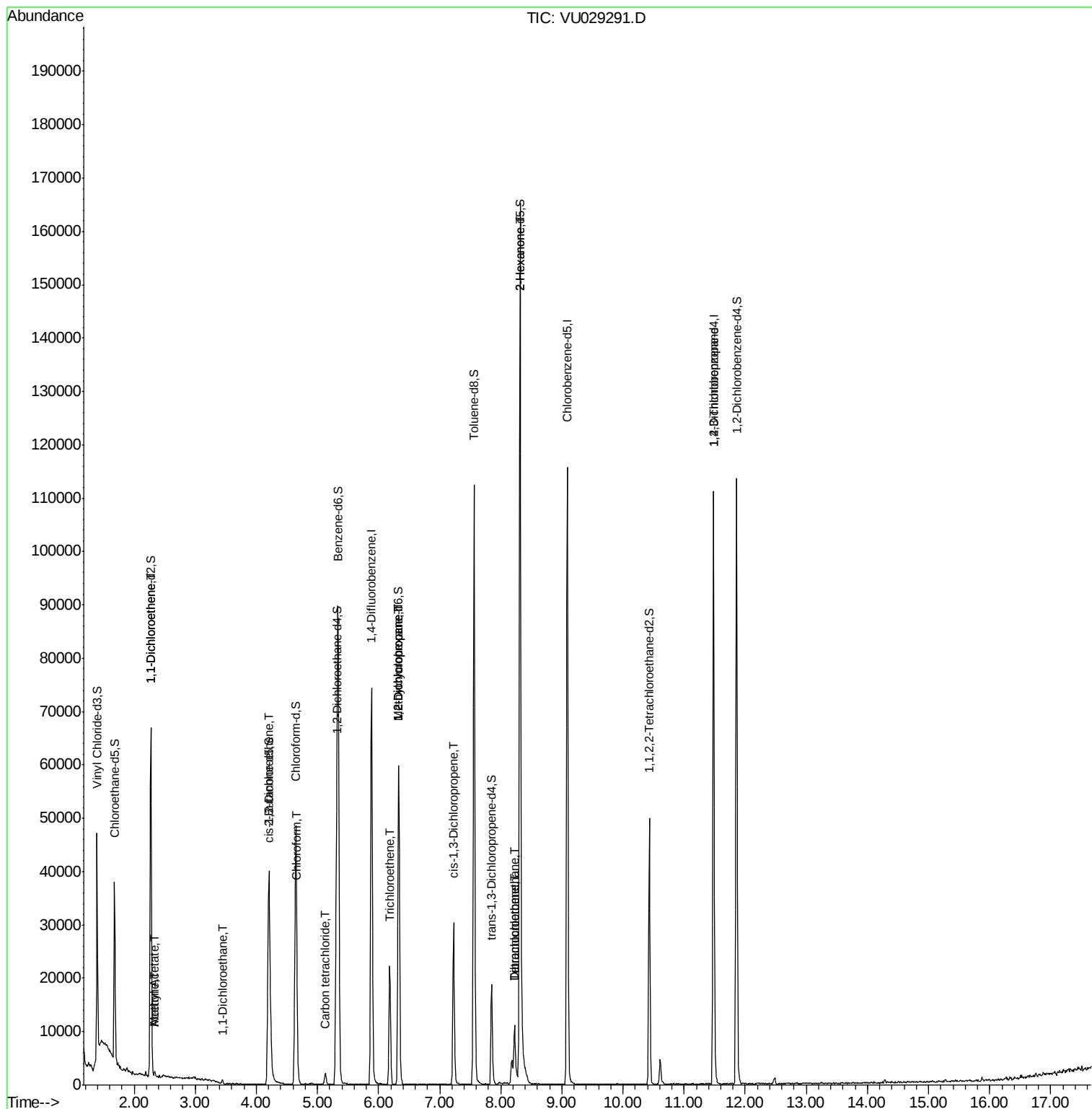
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

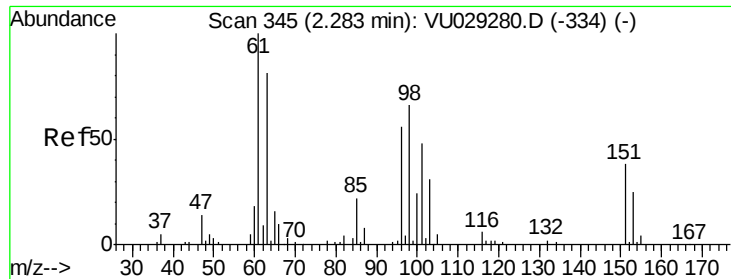
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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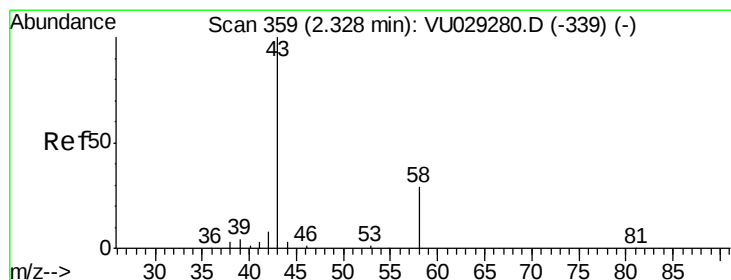
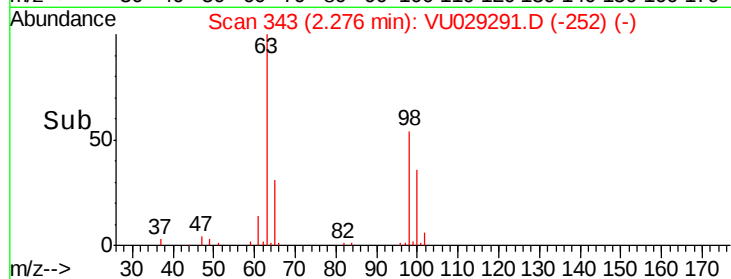
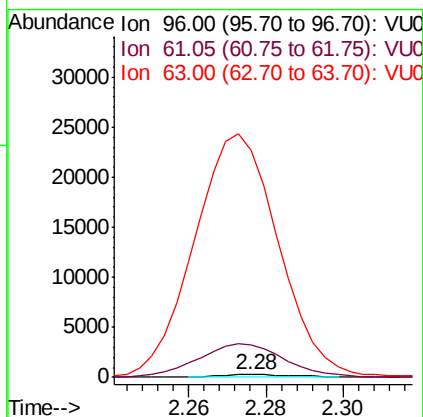
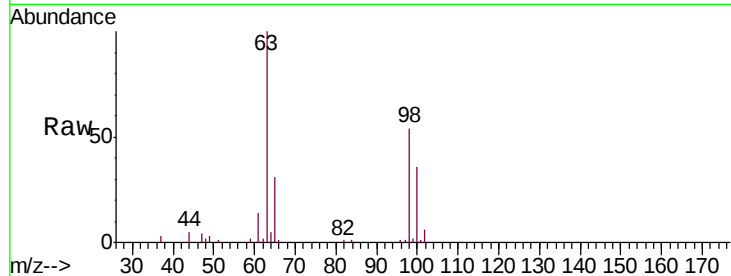




#12
 1,1-Dichloroethene
 Concen: 0.071 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU029291.D
 Acq: 25 Jan 2019 15:37

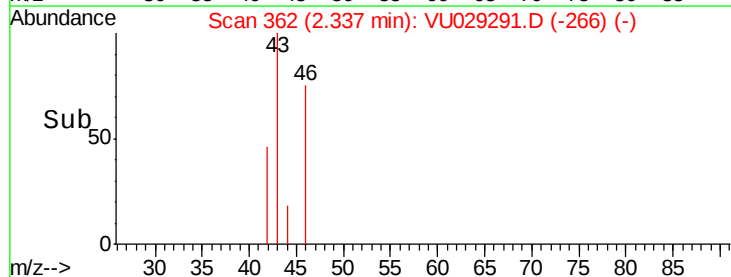
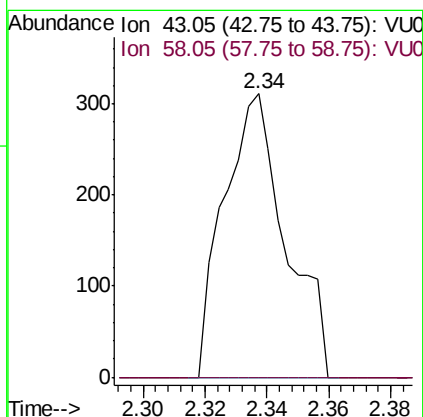
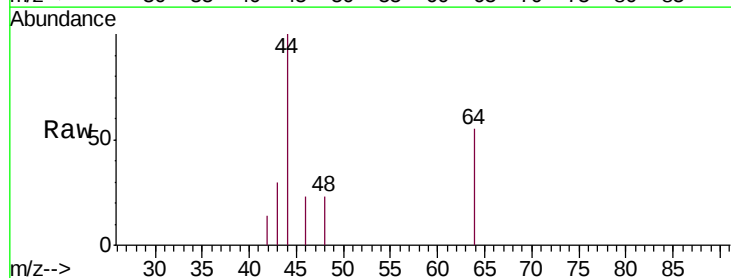
Instrument :
 MSVOA_U
 ClientSampled :
 C0JJ4

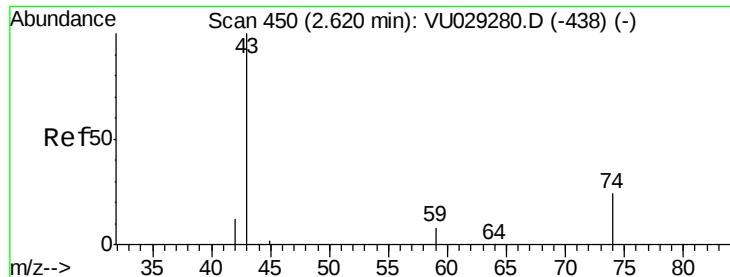
Tgt Ion: 96 Resp: 334
 Ion Ratio Lower Upper
 96 100
 61 1237.9 125.4 233.0#
 63 8587.9 105.8 196.4#



#13
 Acetone
 Concen: 0.476 ug/L
 RT: 2.34 min Scan# 362
 Delta R.T. 0.01 min
 Lab File: VU029291.D
 Acq: 25 Jan 2019 15:37

Tgt Ion: 43 Resp: 433
 Ion Ratio Lower Upper
 43 100
 58 0.0 0.0 58.8

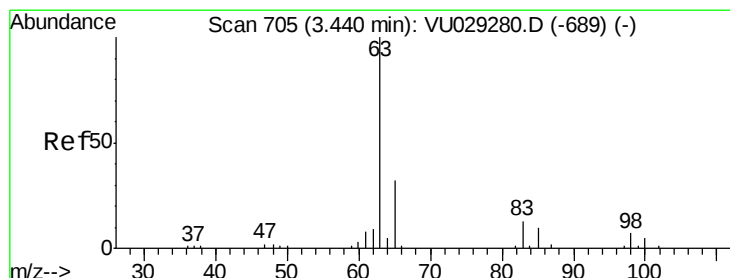
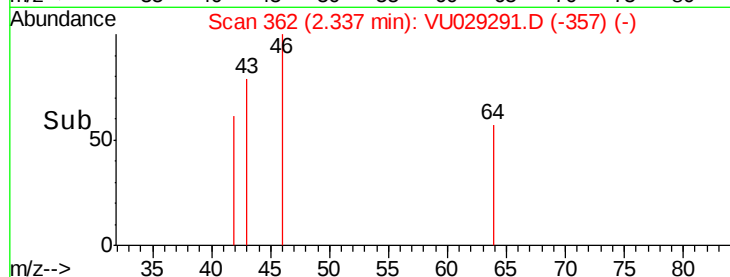
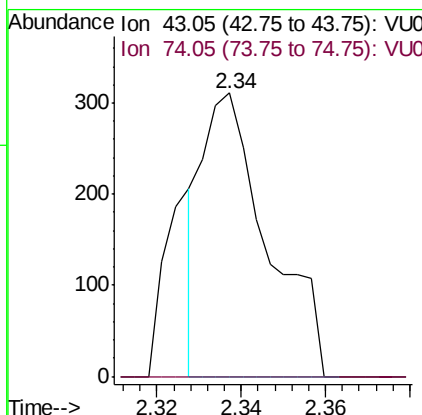
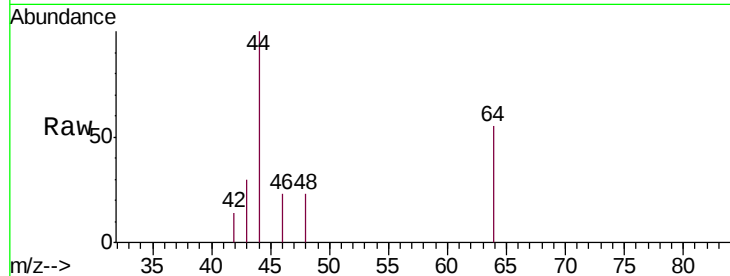




#15
Methyl Acetate
Concen: 0.153 ug/L
RT: 2.34 min Scan# 362
Delta R.T. -0.28 min
Lab File: VU029291.D
Acq: 25 Jan 2019 15:37

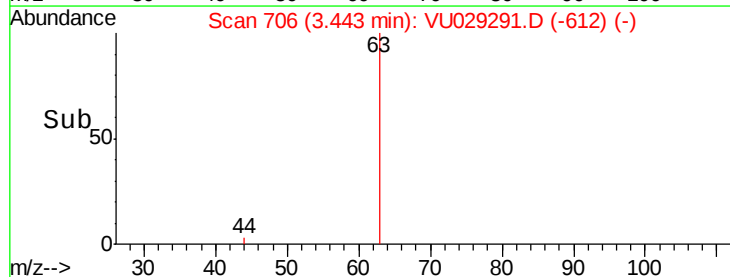
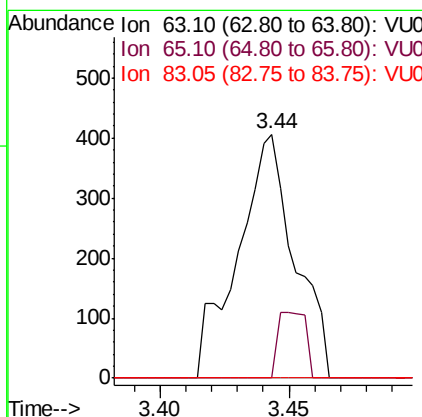
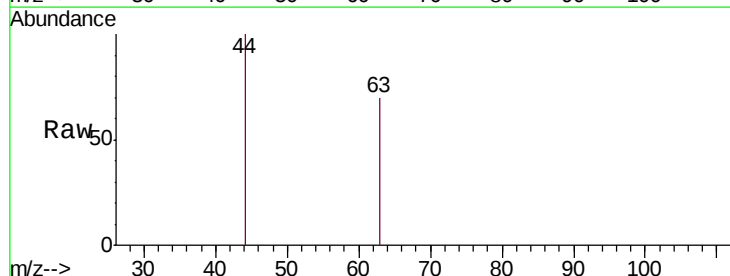
Instrument :
MSVOA_U
ClientSampleId :
C0JJ4

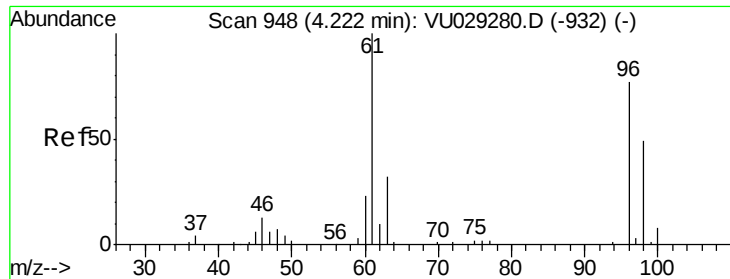
Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#19
1,1-Dichloroethane
Concen: 0.069 ug/L
RT: 3.44 min Scan# 706
Delta R.T. 0.00 min
Lab File: VU029291.D
Acq: 25 Jan 2019 15:37

Tgt Ion: 63 Resp: 625
Ion Ratio Lower Upper
63 100
65 0.0 22.7 42.1#
83 0.0 9.4 17.6#



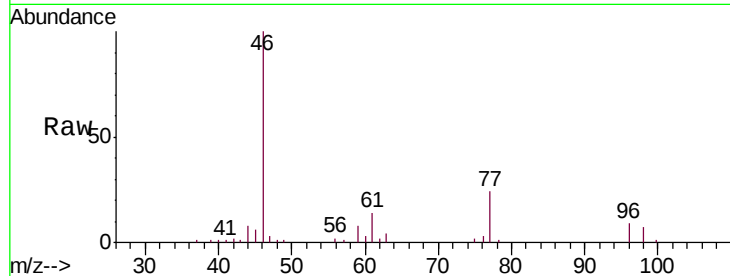


#22

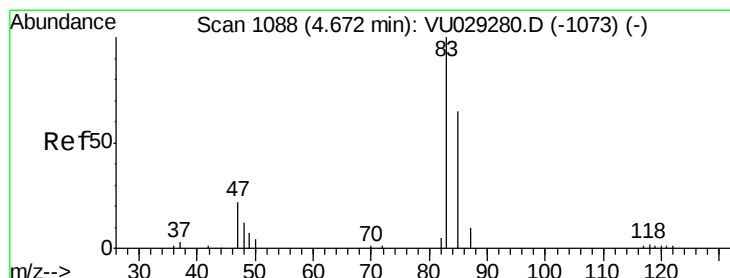
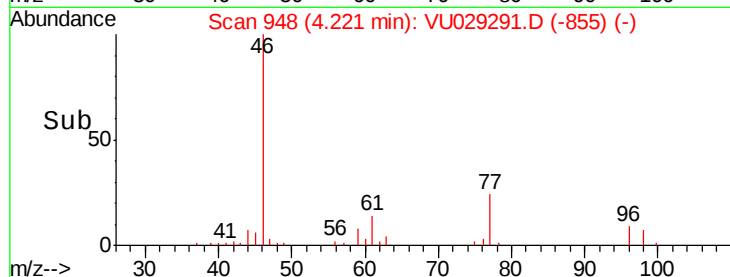
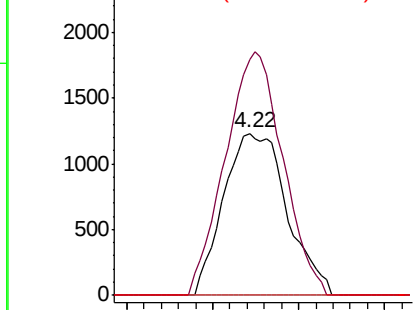
cis-1,2-Dichloroethene
 Concen: 0.616 ug/L
 RT: 4.22 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: VU029291.D
 Acq: 25 Jan 2019 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JJ4

Tgt Ion: 96 Resp: 3161
 Ion Ratio Lower Upper
 96 100
 61 145.9 90.7 168.5
 68 0.0 0.0 0.0



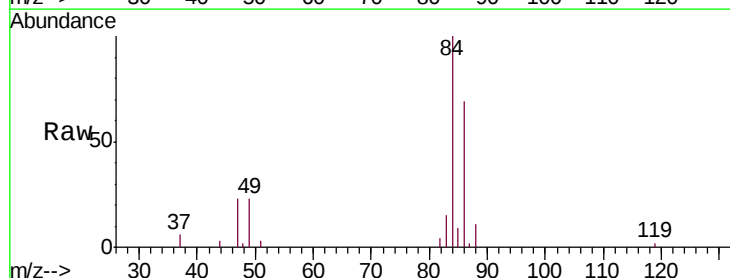
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



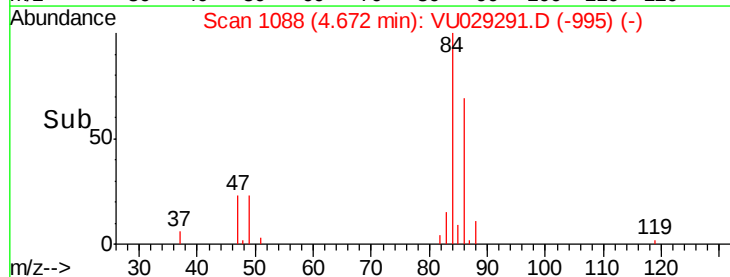
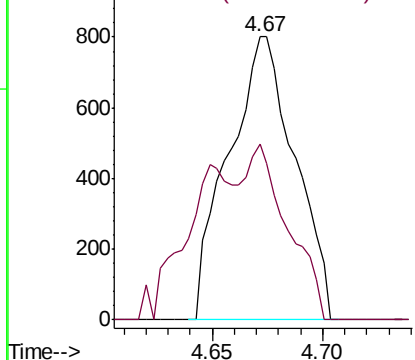
#25

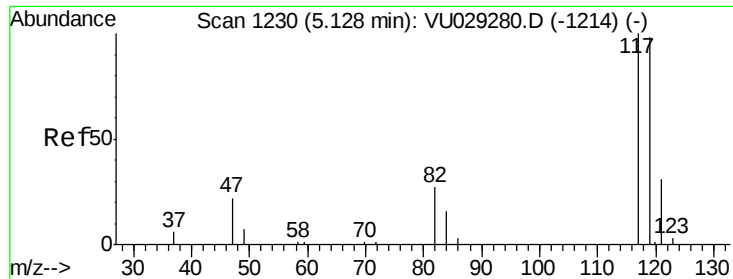
Chloroform
 Concen: 0.175 ug/L
 RT: 4.67 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VU029291.D
 Acq: 25 Jan 2019 15:37

Tgt Ion: 83 Resp: 1670
 Ion Ratio Lower Upper
 83 100
 85 62.2 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#31

Carbon tetrachloride

Concen: 0.191 ug/L

RT: 5.13 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU029291.D

Acq: 25 Jan 2019 15:37

Instrument :

MSVOA_U

ClientSampled :

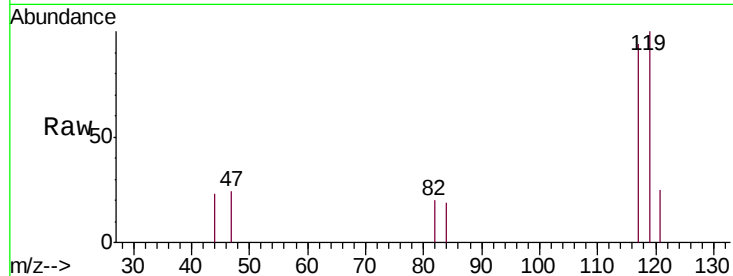
C0JJ4

Tgt Ion: 117 Resp: 1407

Ion Ratio Lower Upper

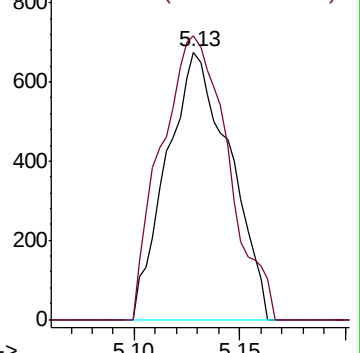
117 100

119 112.4 76.1 114.1

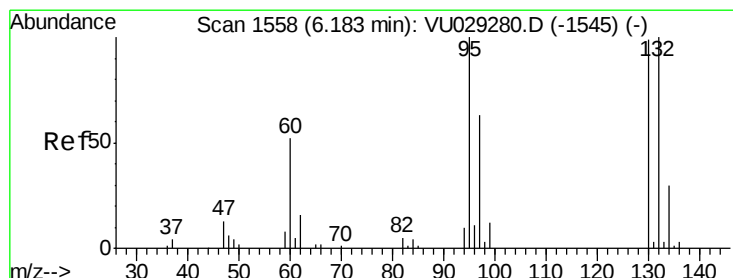
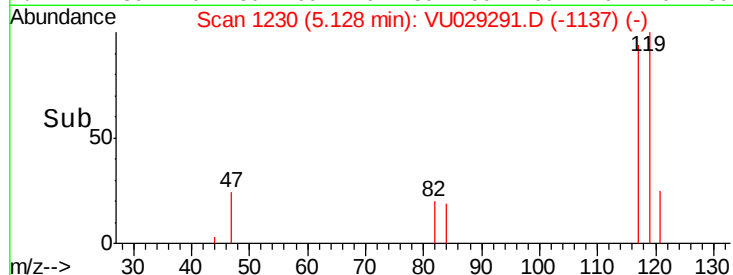


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#34

Trichloroethene

Concen: 1.366 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU029291.D

Acq: 25 Jan 2019 15:37

Tgt Ion: 95 Resp: 7169

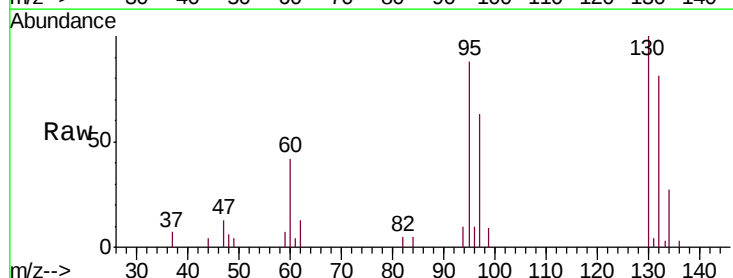
Ion Ratio Lower Upper

95 100

97 71.7 44.3 82.3

132 92.2 69.9 129.9

130 114.2 69.2 128.4

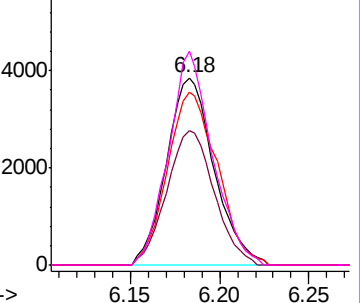


Abundance Ion 95.00 (94.70 to 95.70): VU0

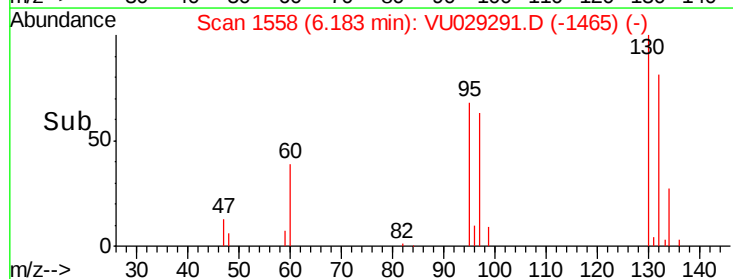
Ion 96.95 (96.65 to 97.65): VU0

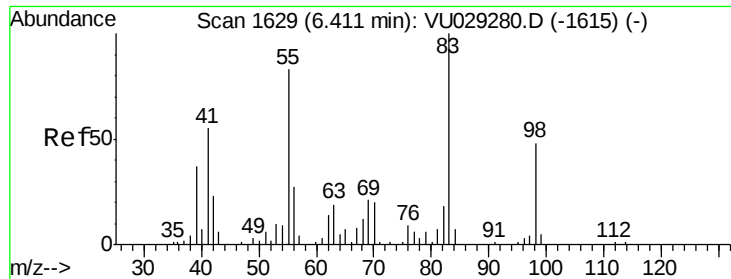
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->





#35

Methylcyclohexane

Concen: 0.810 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.08 min

Lab File: VU029291.D

Acq: 25 Jan 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

C0JJ4

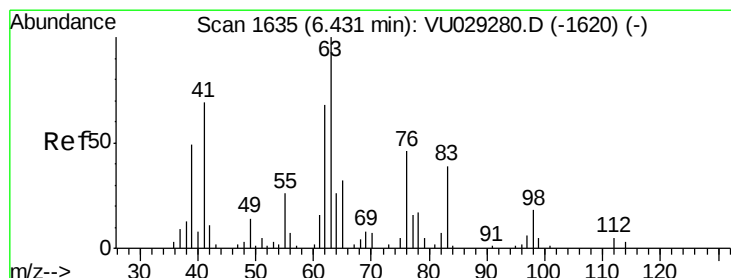
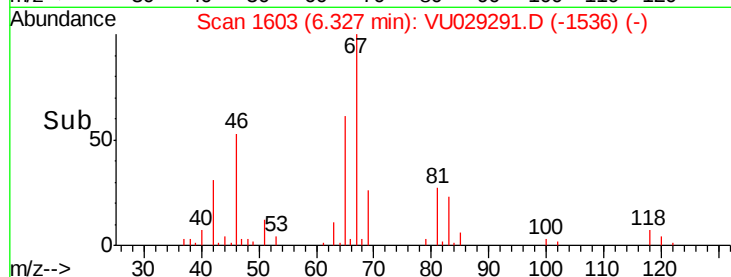
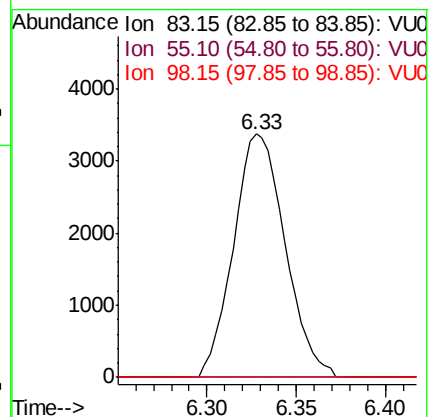
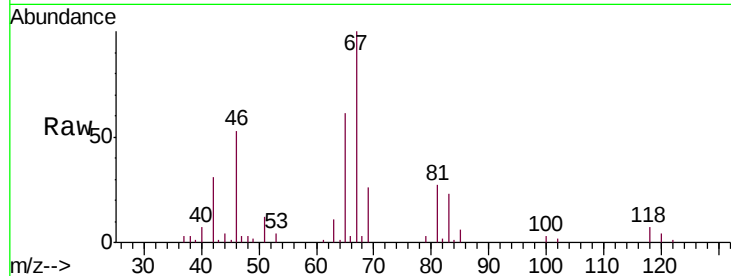
Tgt Ion: 83 Resp: 6792

Ion Ratio Lower Upper

83 100

55 0.0 66.3 99.5#

98 1.6 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.10 min

Lab File: VU029291.D

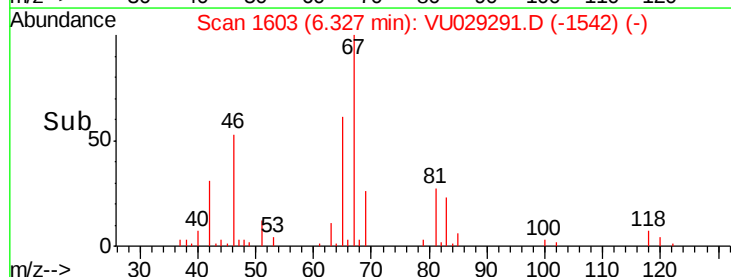
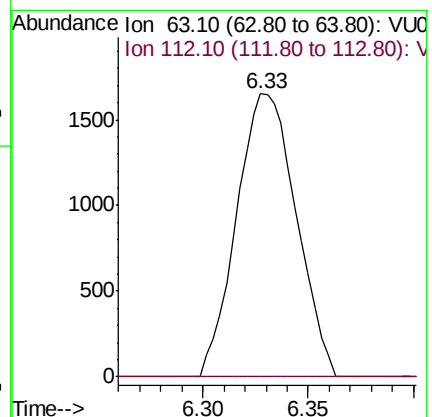
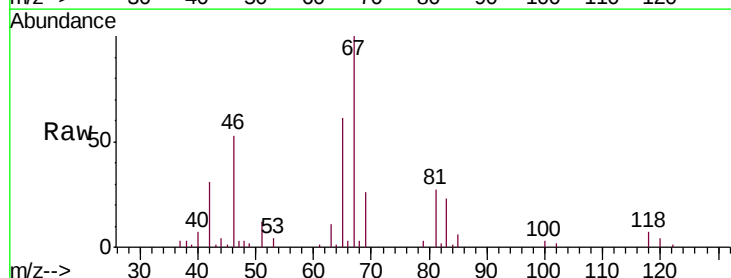
Acq: 25 Jan 2019 15:37

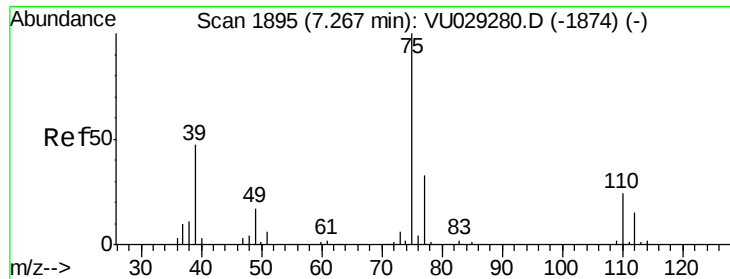
Tgt Ion: 63 Resp: 3239

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



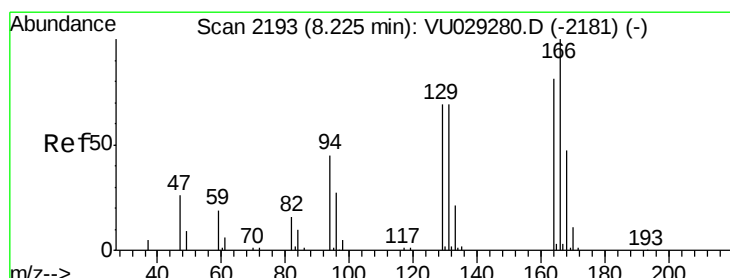
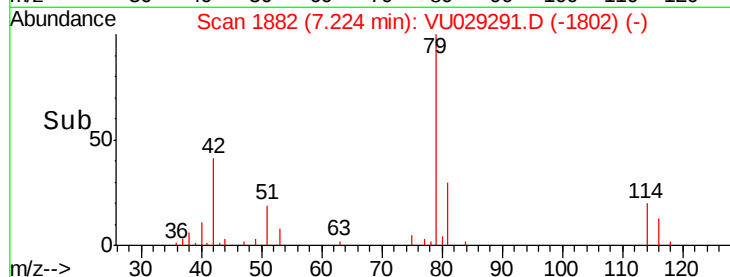
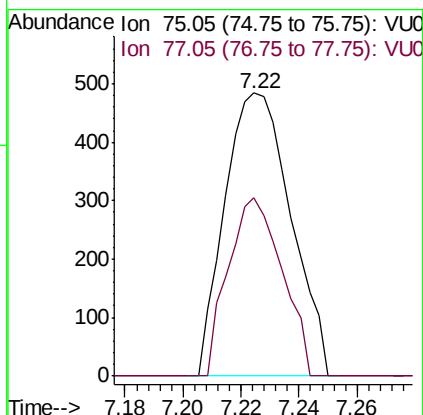
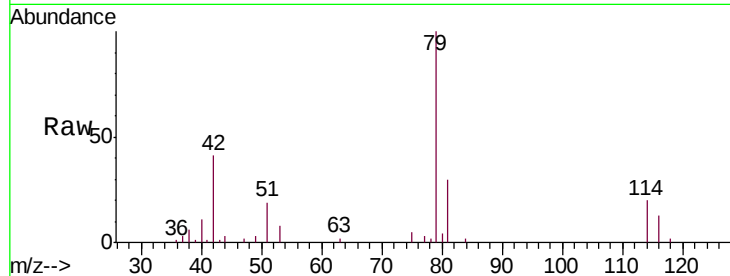


#39

cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU029291.D
Acq: 25 Jan 2019 15:37

Instrument :
MSVOA_U
ClientSampled :
C0JJ4

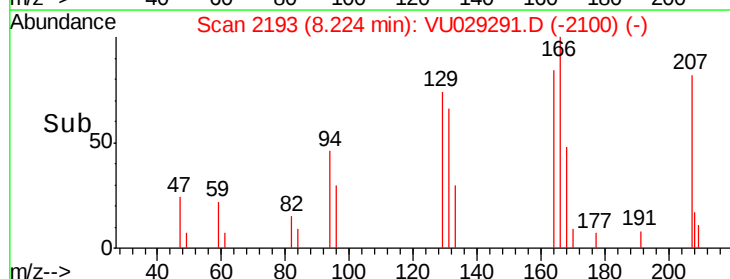
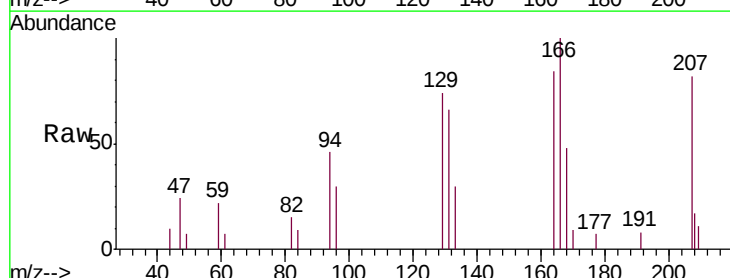
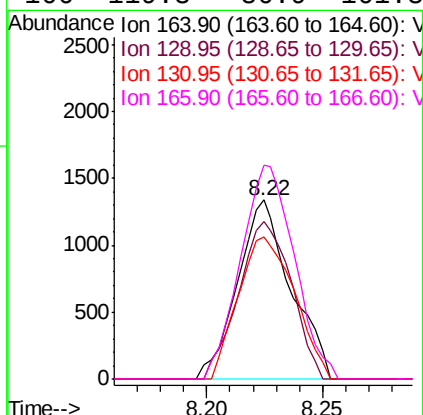
Tgt Ion: 75 Resp: 767
Ion Ratio Lower Upper
75 100
77 62.8 23.2 43.0#

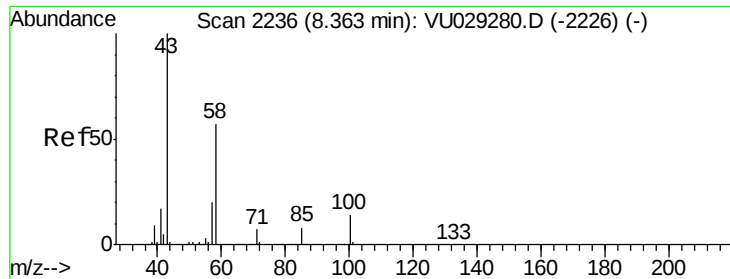


#47

Tetrachloroethene
Concen: 0.463 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU029291.D
Acq: 25 Jan 2019 15:37

Tgt Ion: 164 Resp: 2134
Ion Ratio Lower Upper
164 100
129 88.1 60.1 111.7
131 79.0 59.9 111.3
166 119.3 86.9 161.3

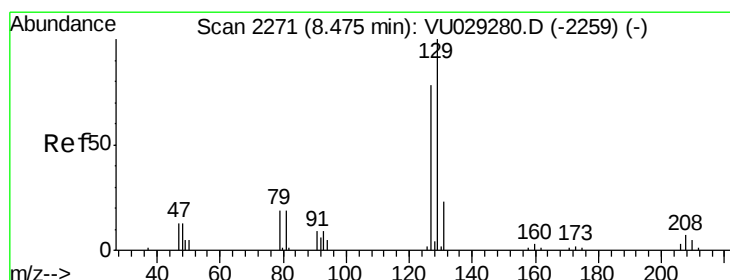
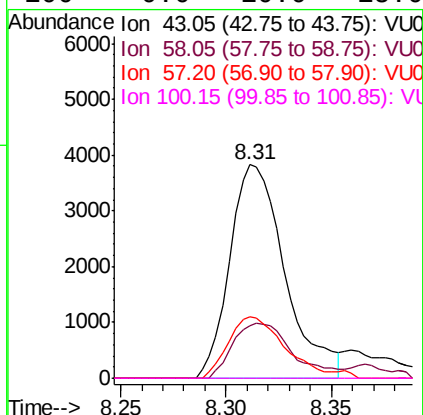
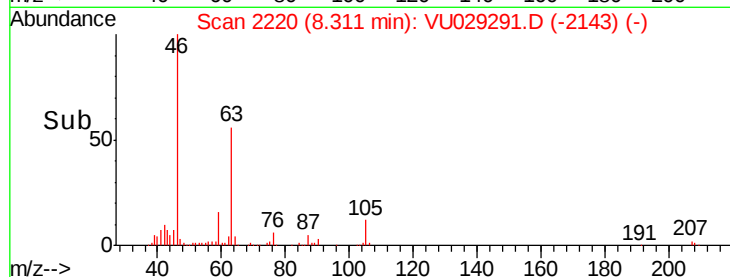
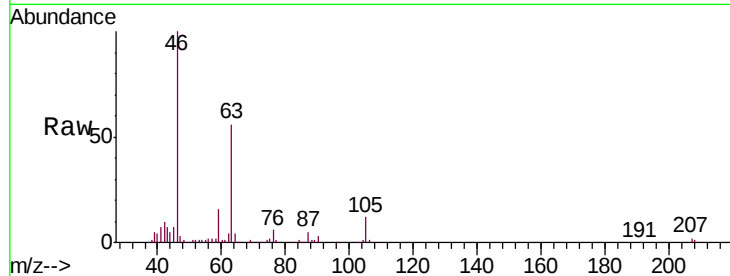




#48
2-Hexanone
Concen: 3.022 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU029291.D
Acq: 25 Jan 2019 15:37

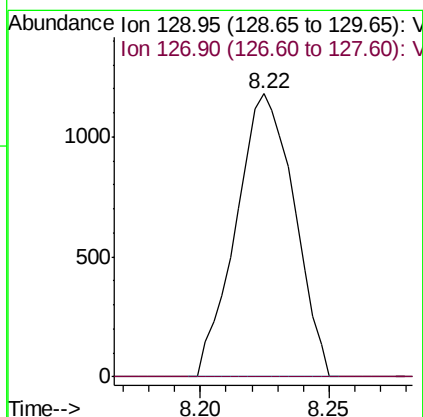
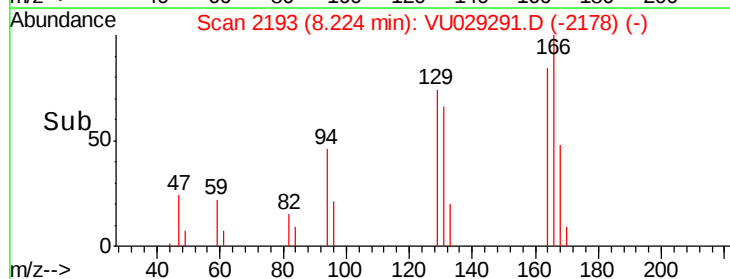
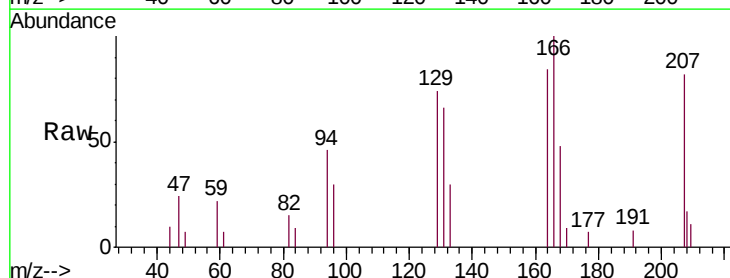
Instrument :
MSVOA_U
ClientSampleId :
C0JJ4

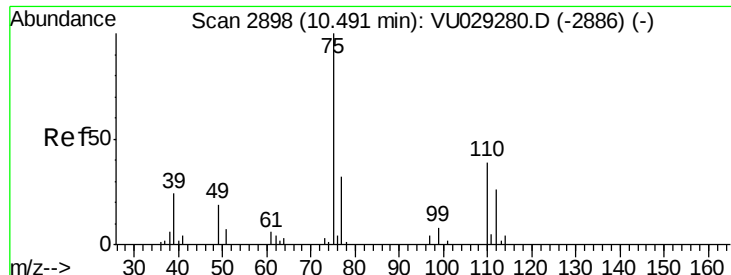
Tgt Ion: 43 Resp: 6951
Ion Ratio Lower Upper
43 100
58 28.2 44.2 66.2#
57 29.3 15.4 23.2#
100 0.0 10.0 15.0#



#49
Dibromochloromethane
Concen: 0.399 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. -0.25 min
Lab File: VU029291.D
Acq: 25 Jan 2019 15:37

Tgt Ion: 129 Resp: 1860
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#59

1,2,3-Trichloropropane

Concen: 1.008 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU029291.D

Acq: 25 Jan 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

C0JJ4

Tgt Ion: 75 Resp: 3632

Ion Ratio Lower Upper

75 100

77 36.6 26.2 39.4

