

Data File : VU029782.D
Acq On : 04 Mar 2019 14:01
Operator : JC/SP
Sample : K1657-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB658

Quant Time: Mar 05 00:40:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 00:37:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	438980	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212784	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119941	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.58%
7) Chloroethane-d5	1.68	69	109367	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.48%
11) 1,1-Dichloroethene-d2	2.27	63	175990	27.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.98%#
21) 2-Butanone-d5	4.17	46	220146	112.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.46%
24) Chloroform-d	4.64	84	247625	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.31	65	153576	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
32) Benzene-d6	5.34	84	527553	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
36) 1,2-Dichloropropane-d6	6.33	67	165328	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.80%
41) Toluene-d8	7.56	98	481519	44.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.28%
43) trans-1,3-Dichloropropene-	7.85	79	75536	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.31	63	181218	101.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	264572	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	209763	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%

Target Compounds

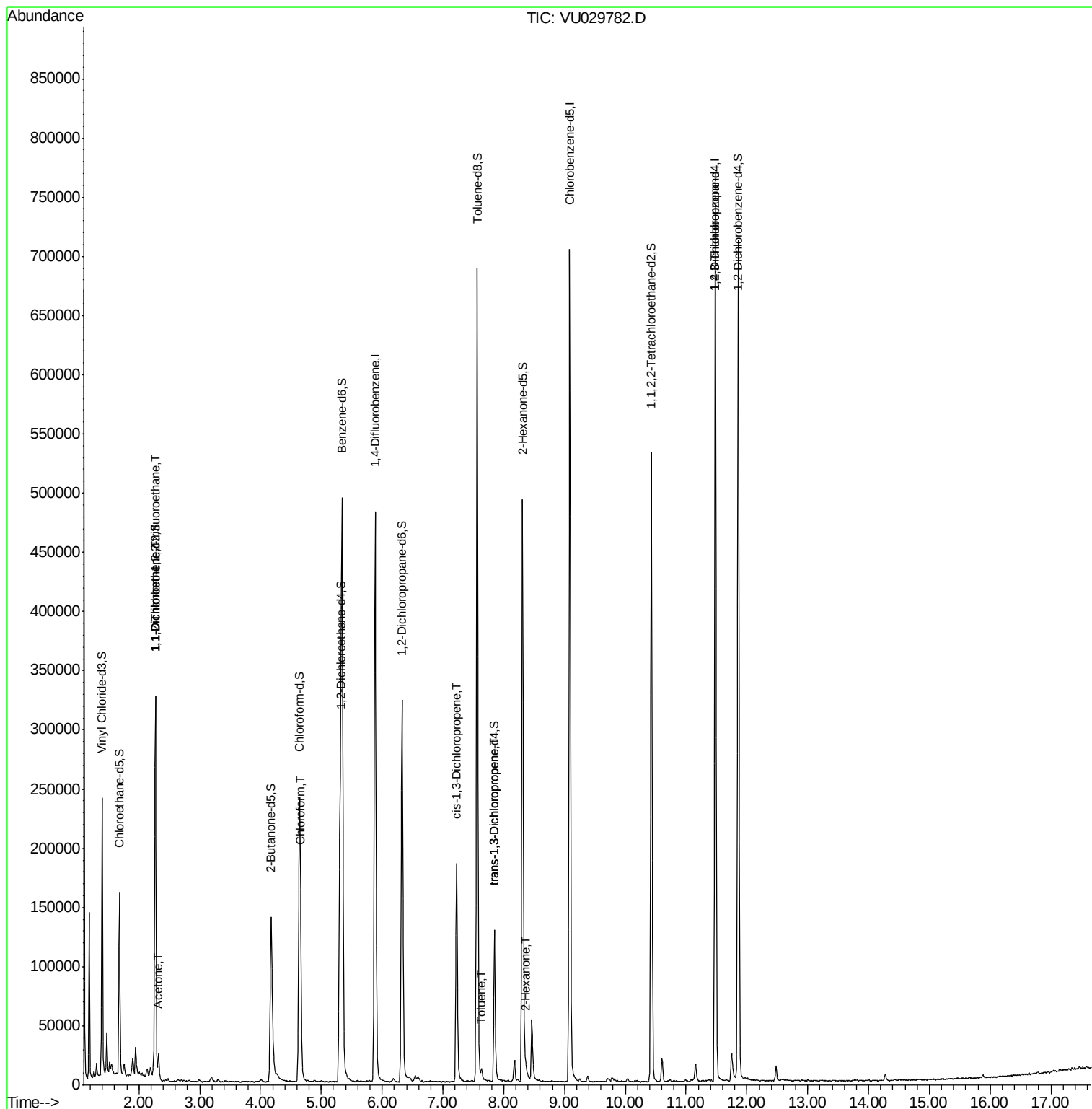
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1911	0.625	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1693	0.582	ug/L #	1
13) Acetone	2.32	43	21665	10.357	ug/L	97
25) Chloroform	4.67	83	8178	1.580	ug/L	81
39) cis-1,3-Dichloropropene	7.22	75	4937	1.070	ug/L #	72
42) Toluene	7.64	91	6645	0.516	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3226	0.742	ug/L #	78
48) 2-Hexanone	8.36	43	3856	1.098	ug/L #	44
59) 1,2,3-Trichloropropane	11.48	75	21968	5.389	ug/L	93

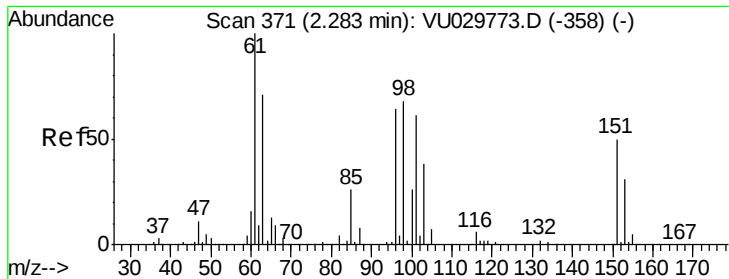
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.625 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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DB658

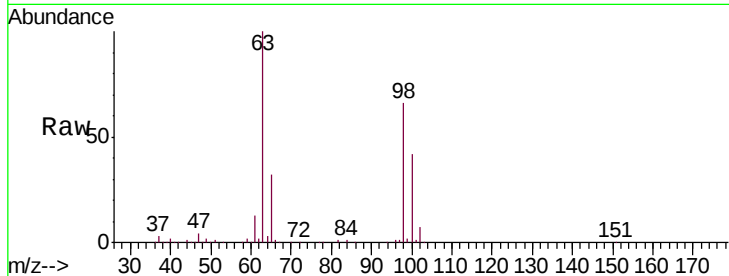
Tgt Ion:101 Resp: 1911

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

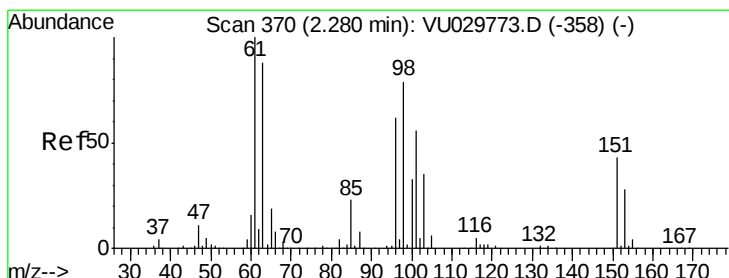
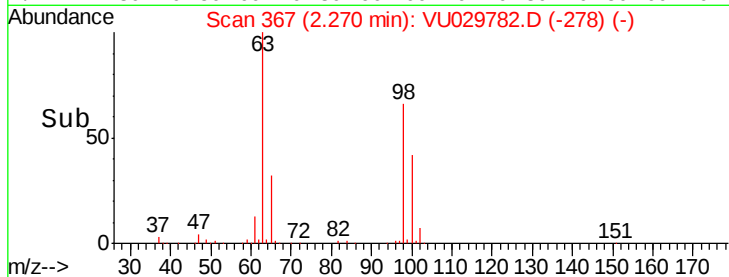
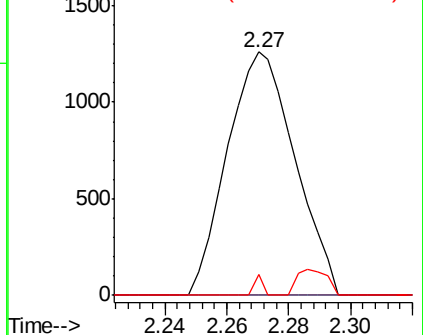
151 4.8 65.7 98.5#



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: 0.582 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029782.D

Acq: 04 Mar 2019 14:01

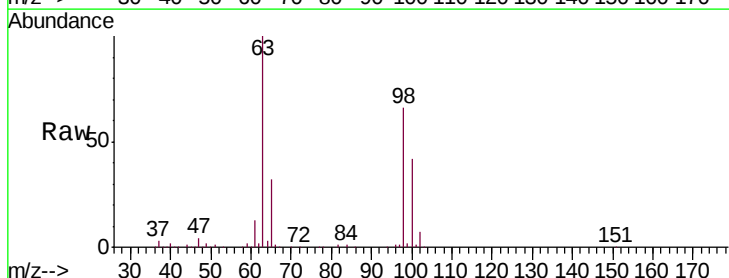
Tgt Ion: 96 Resp: 1693

Ion Ratio Lower Upper

96 100

61 1240.0 114.0 211.8#

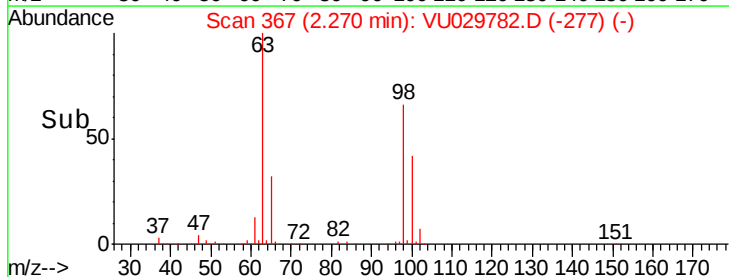
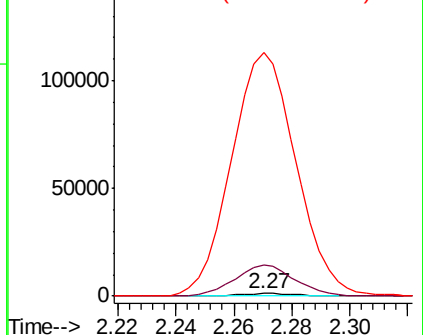
63 9806.8 98.7 183.3#

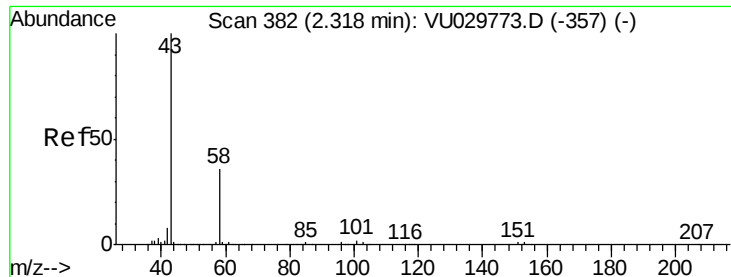


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 10.357 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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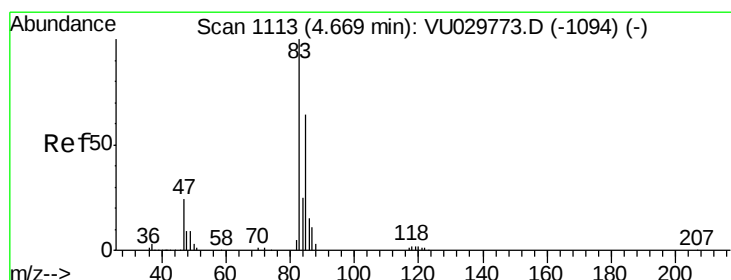
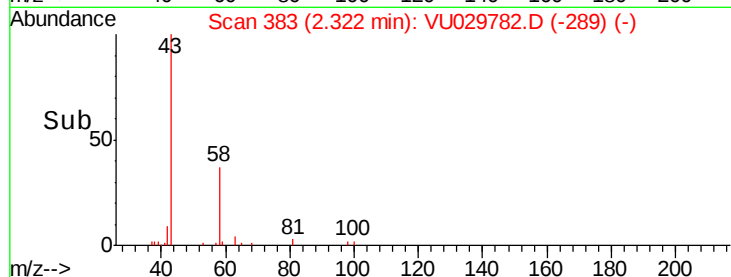
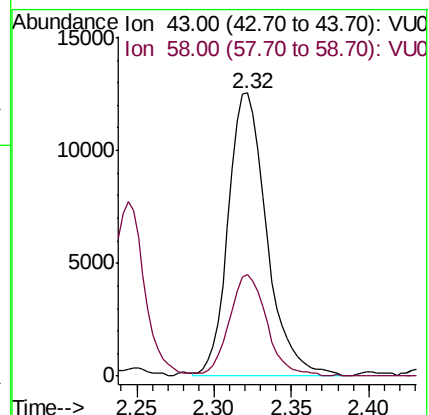
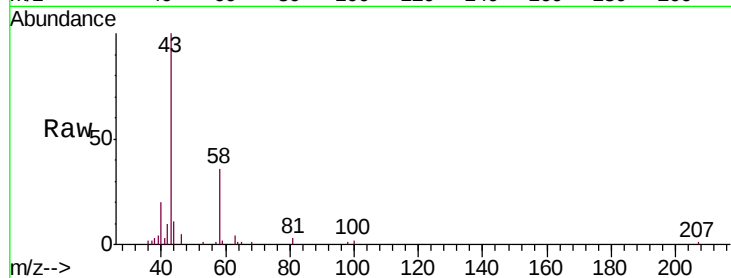
DB658

Tgt Ion: 43 Resp: 21665

Ion Ratio Lower Upper

43 100

58 34.9 0.0 66.8



#25

Chloroform

Concen: 1.580 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029782.D

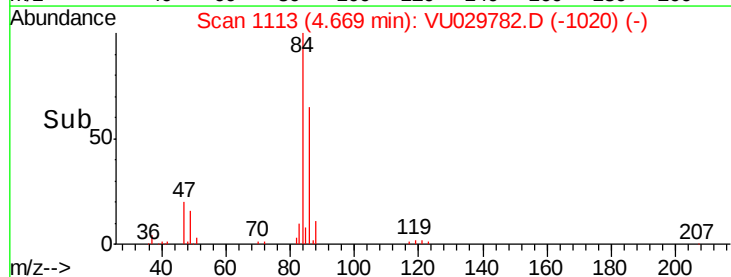
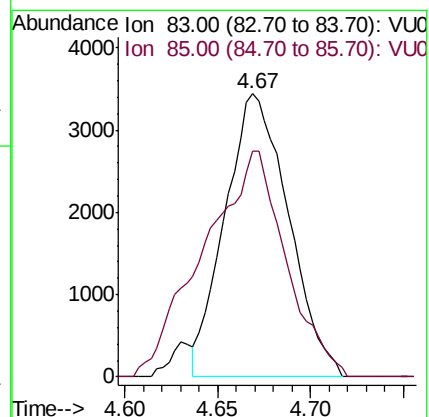
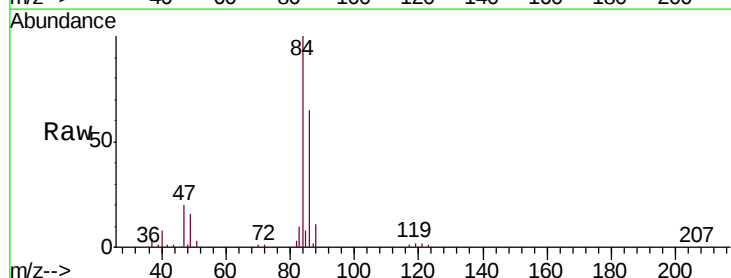
Acq: 04 Mar 2019 14:01

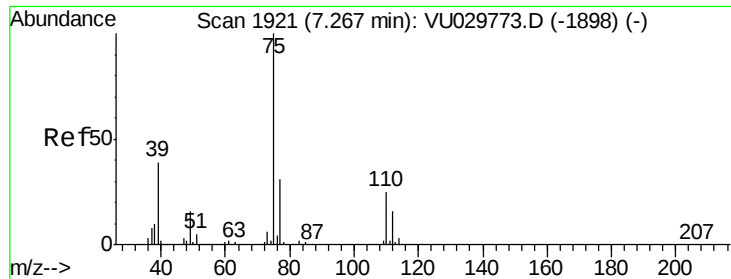
Tgt Ion: 83 Resp: 8178

Ion Ratio Lower Upper

83 100

85 79.8 45.4 84.2

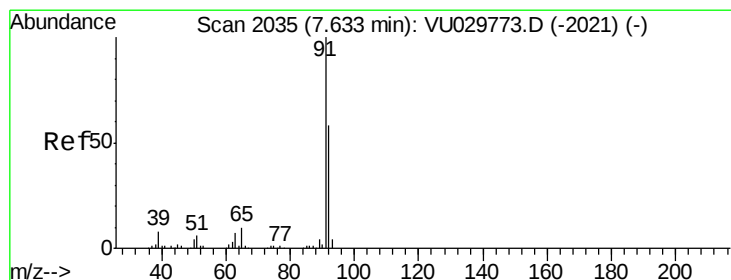
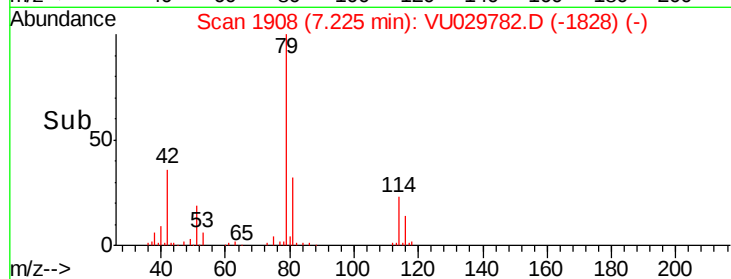
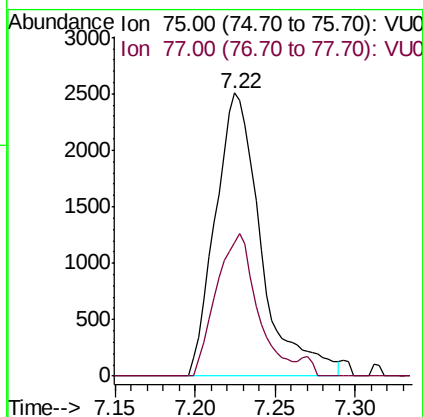
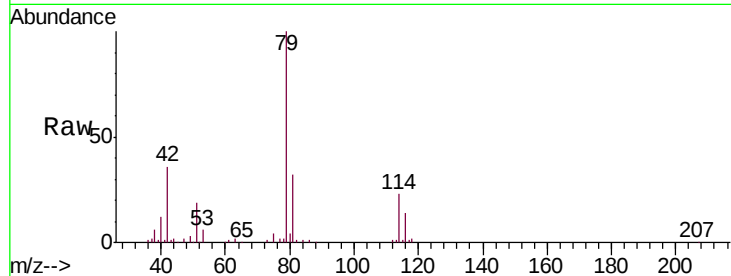




#39
 cis-1,3-Dichloropropene
 Concen: 1.070 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029782.D
 Acq: 04 Mar 2019 14:01

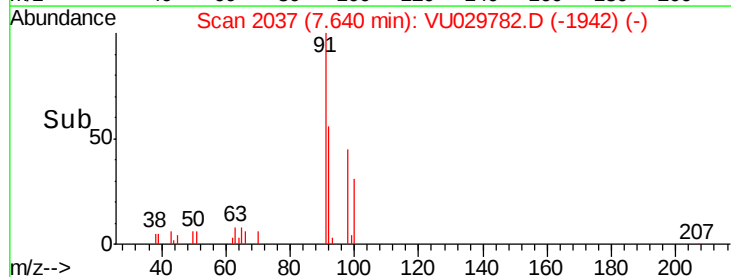
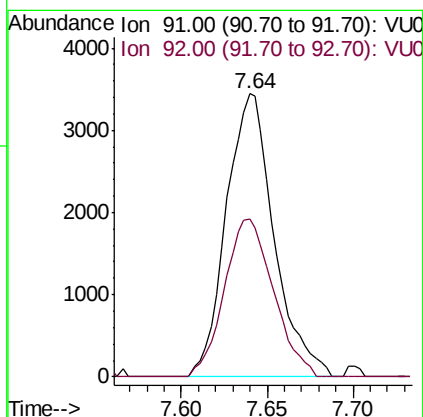
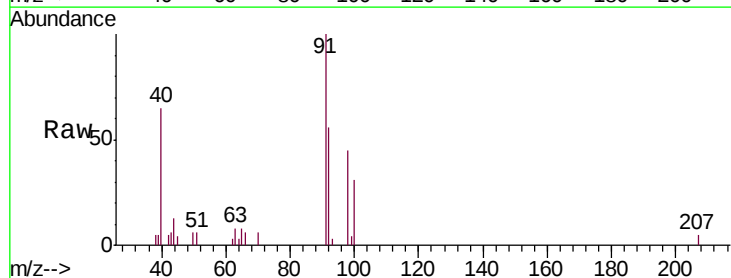
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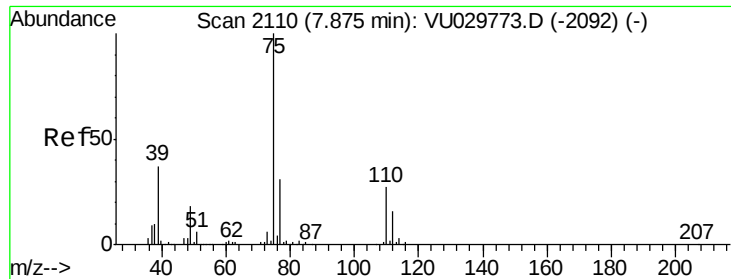
Tgt Ion: 75 Resp: 4937
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.3 41.5#



#42
 Toluene
 Concen: 0.516 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VU029782.D
 Acq: 04 Mar 2019 14:01

Tgt Ion: 91 Resp: 6645
 Ion Ratio Lower Upper
 91 100
 92 55.9 40.8 75.8

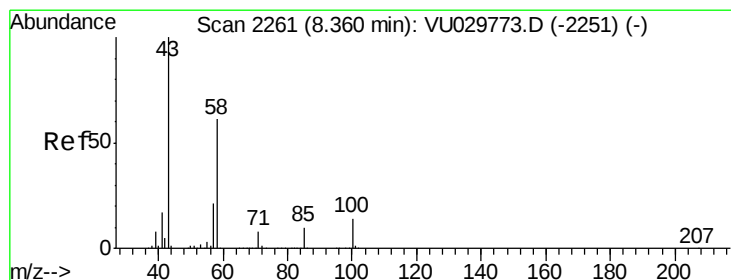
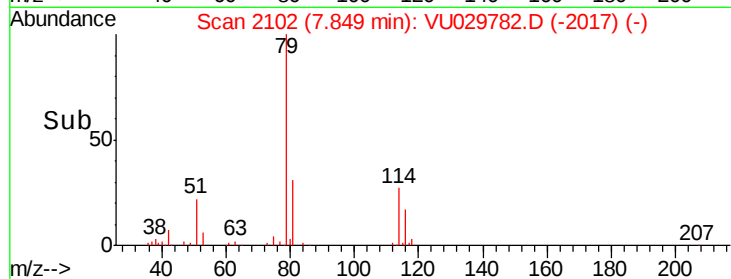
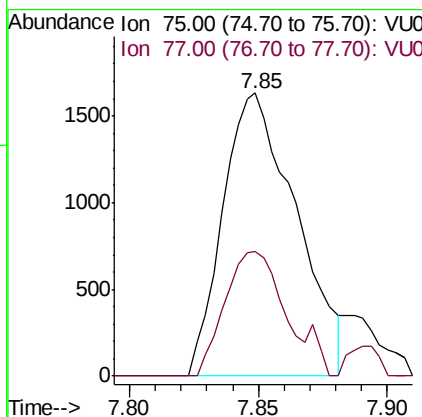
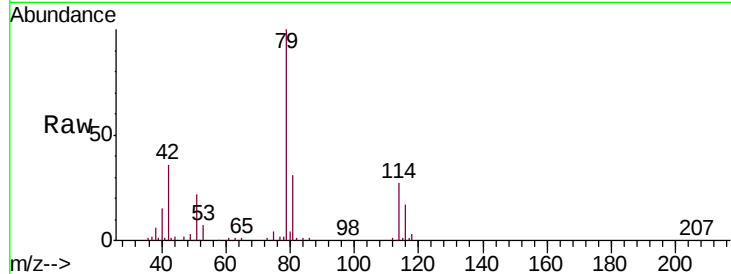




#44
 trans-1,3-Dichloropropene
 Concen: 0.742 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU029782.D
 Acq: 04 Mar 2019 14:01

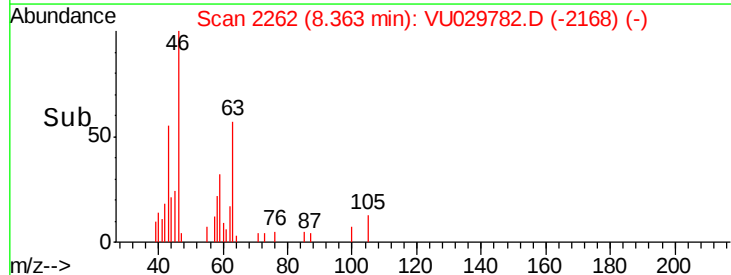
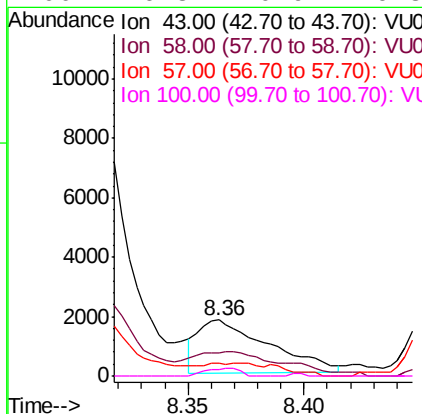
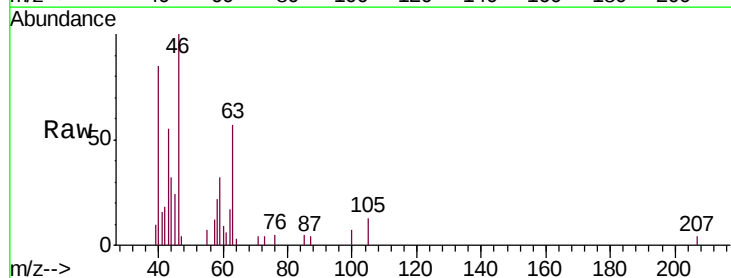
Instrument :
 MSVOA_U
 ClientSampleId :
 DB658

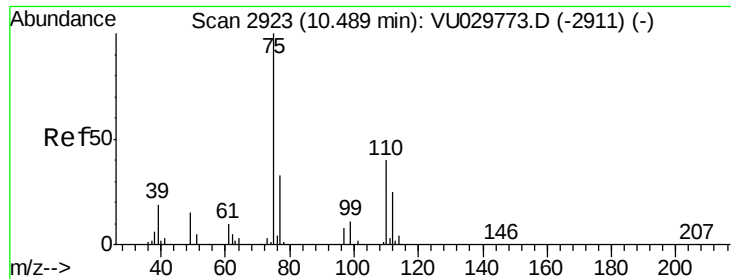
Tgt Ion: 75 Resp: 3226
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.1 41.1#



#48
 2-Hexanone
 Concen: 1.098 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029782.D
 Acq: 04 Mar 2019 14:01

Tgt Ion: 43 Resp: 3856
 Ion Ratio Lower Upper
 43 100
 58 6.0 46.4 69.6#
 57 1.3 15.7 23.5#
 100 6.8 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 5.389 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029782.D

Acq: 04 Mar 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

DB658

Tgt Ion: 75 Resp: 21968

Ion Ratio Lower Upper

75 100

77 35.9 25.7 38.5

