

Data File : VV009012.D
Acq On : 18 Dec 2018 14:46
Operator : SY/MD
Sample : J6418-01
Misc : 5.32 g/10.0mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZY1

Quant Time: Dec 19 06:21:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	306933	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	264091	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110065	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76839	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.76%
7) Chloroethane-d5	1.58	69	68825	29.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.32%
10) 1,1-Dichloroethene-d2	2.13	63	151450	19.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.28%
20) 2-Butanone-d5	3.94	46	27669	23.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.86%
24) Chloroform-d	4.40	84	171338	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.08	65	89086	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.48%
29) Benzene-d6	5.10	84	351044	23.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.20%
33) 1,2-Dichloropropane-d6	6.12	67	101233	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	7.36	98	320957	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	7.66	79	38223	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.28%
39) 2-Hexanone-d5	8.14	63	16733	22.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54824	15.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	92148	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds

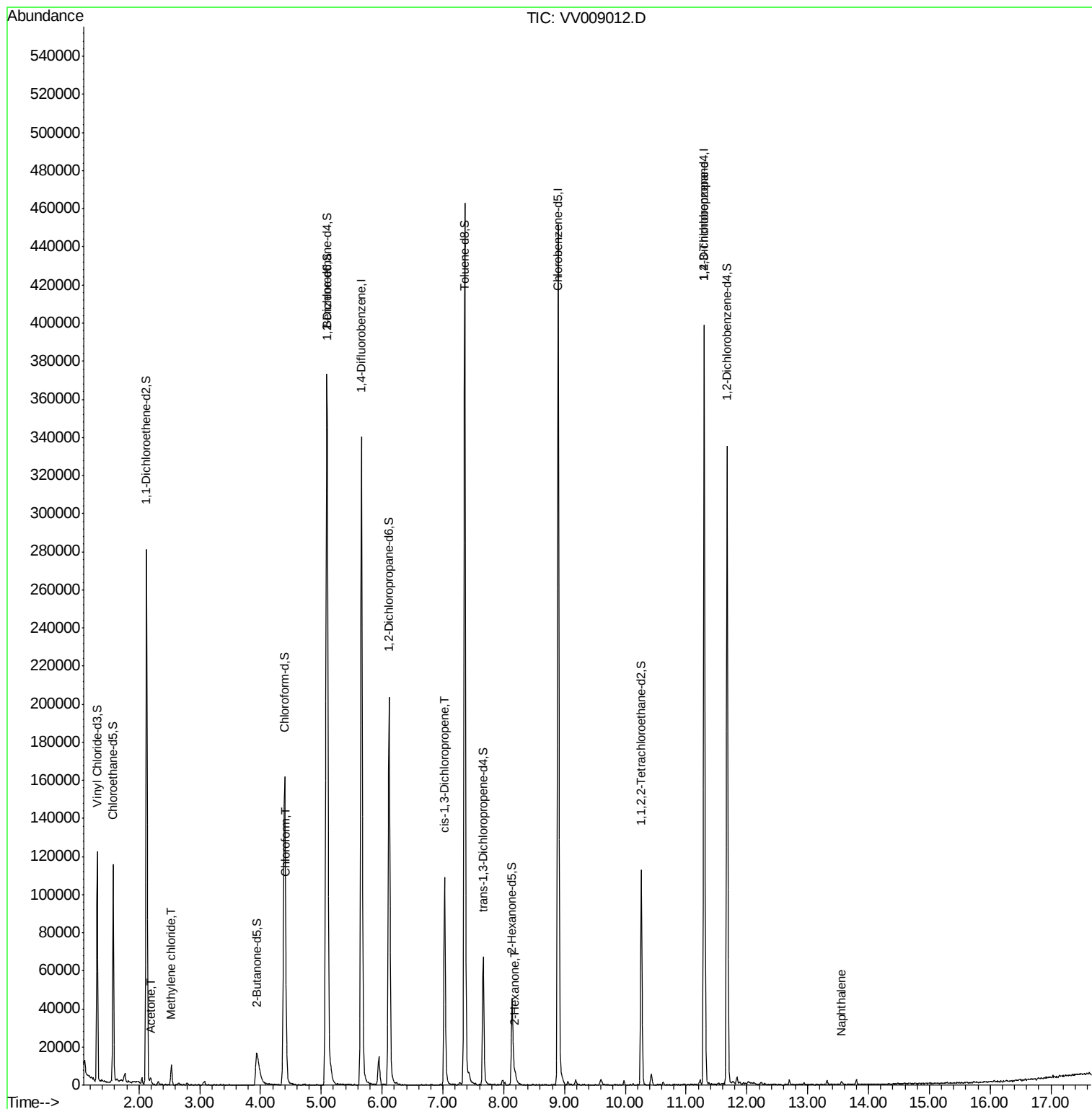
						Qvalue
13) Acetone	2.20	43	1820	1.068	ug/L	73
16) Methylene chloride	2.53	84	4561	0.882	ug/L	89
25) Chloroform	4.42	83	3402	0.457	ug/L	86
42) cis-1,3-Dichloropropene	7.03	75	2811	0.506	ug/L #	53
49) 2-Hexanone	8.19	43	2892	1.362	ug/L #	57
59) 1,2,3-Trichloropropane	11.30	75	11759	3.973	ug/L	90
69) Naphthalene	13.56	128	2018	0.326	ug/L #	90

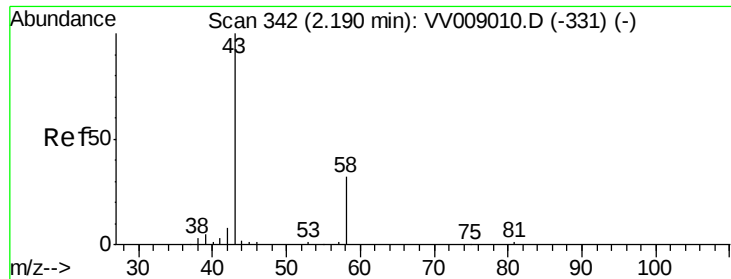
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.068 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV009012.D

Acq: 18 Dec 2018 14:46

Instrument :

MSVOA_V

ClientSampled :

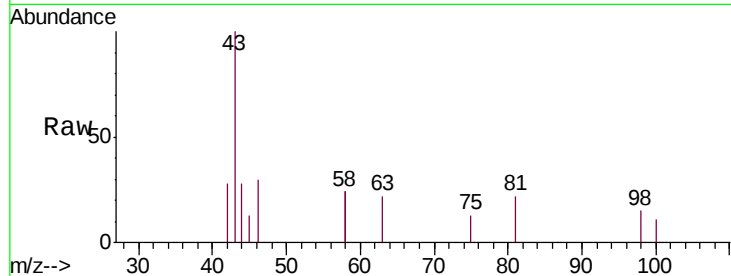
BEZY1

Tgt Ion: 43 Resp: 1820

Ion Ratio Lower Upper

43 100

58 17.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009012.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV009012.D (-345) (-)

Ion 81.00 (80.70 to 81.70): VV009012.D (-345) (-)

Ion 98.00 (97.70 to 98.70): VV009012.D (-345) (-)

Ion 100.00 (99.70 to 100.70): VV009012.D (-345) (-)

Ion 115.00 (114.70 to 115.70): VV009012.D (-345) (-)

Ion 129.00 (128.70 to 129.70): VV009012.D (-345) (-)

Ion 143.00 (142.70 to 143.70): VV009012.D (-345) (-)

Ion 157.00 (156.70 to 157.70): VV009012.D (-345) (-)

Ion 171.00 (170.70 to 171.70): VV009012.D (-345) (-)

Ion 185.00 (184.70 to 185.70): VV009012.D (-345) (-)

Ion 199.00 (198.70 to 199.70): VV009012.D (-345) (-)

Ion 213.00 (212.70 to 213.70): VV009012.D (-345) (-)

Ion 227.00 (226.70 to 227.70): VV009012.D (-345) (-)

Ion 241.00 (240.70 to 241.70): VV009012.D (-345) (-)

Ion 255.00 (254.70 to 255.70): VV009012.D (-345) (-)

Ion 269.00 (268.70 to 269.70): VV009012.D (-345) (-)

Ion 283.00 (282.70 to 283.70): VV009012.D (-345) (-)

Ion 297.00 (296.70 to 297.70): VV009012.D (-345) (-)

Ion 311.00 (310.70 to 311.70): VV009012.D (-345) (-)

Ion 325.00 (324.70 to 325.70): VV009012.D (-345) (-)

Ion 339.00 (338.70 to 339.70): VV009012.D (-345) (-)

Ion 353.00 (352.70 to 353.70): VV009012.D (-345) (-)

Ion 367.00 (366.70 to 367.70): VV009012.D (-345) (-)

Ion 381.00 (380.70 to 381.70): VV009012.D (-345) (-)

Ion 395.00 (394.70 to 395.70): VV009012.D (-345) (-)

Ion 409.00 (408.70 to 409.70): VV009012.D (-345) (-)

Ion 423.00 (422.70 to 423.70): VV009012.D (-345) (-)

Ion 437.00 (436.70 to 437.70): VV009012.D (-345) (-)

Ion 451.00 (450.70 to 451.70): VV009012.D (-345) (-)

Ion 465.00 (464.70 to 465.70): VV009012.D (-345) (-)

Ion 479.00 (478.70 to 479.70): VV009012.D (-345) (-)

Ion 493.00 (492.70 to 493.70): VV009012.D (-345) (-)

Ion 507.00 (506.70 to 507.70): VV009012.D (-345) (-)

Ion 521.00 (520.70 to 521.70): VV009012.D (-345) (-)

Ion 535.00 (534.70 to 535.70): VV009012.D (-345) (-)

Ion 549.00 (548.70 to 549.70): VV009012.D (-345) (-)

Ion 563.00 (562.70 to 563.70): VV009012.D (-345) (-)

Ion 577.00 (576.70 to 577.70): VV009012.D (-345) (-)

Ion 591.00 (590.70 to 591.70): VV009012.D (-345) (-)

Ion 605.00 (604.70 to 605.70): VV009012.D (-345) (-)

Ion 619.00 (618.70 to 619.70): VV009012.D (-345) (-)

Ion 633.00 (632.70 to 633.70): VV009012.D (-345) (-)

Ion 647.00 (646.70 to 647.70): VV009012.D (-345) (-)

Ion 661.00 (660.70 to 661.70): VV009012.D (-345) (-)

Ion 675.00 (674.70 to 675.70): VV009012.D (-345) (-)

Ion 689.00 (688.70 to 689.70): VV009012.D (-345) (-)

Ion 703.00 (702.70 to 703.70): VV009012.D (-345) (-)

Ion 717.00 (716.70 to 717.70): VV009012.D (-345) (-)

Ion 731.00 (730.70 to 731.70): VV009012.D (-345) (-)

Ion 745.00 (744.70 to 745.70): VV009012.D (-345) (-)

Ion 759.00 (758.70 to 759.70): VV009012.D (-345) (-)

Ion 773.00 (772.70 to 773.70): VV009012.D (-345) (-)

Ion 787.00 (786.70 to 787.70): VV009012.D (-345) (-)

Ion 801.00 (800.70 to 801.70): VV009012.D (-345) (-)

Ion 815.00 (814.70 to 815.70): VV009012.D (-345) (-)

Ion 829.00 (828.70 to 829.70): VV009012.D (-345) (-)

Ion 843.00 (842.70 to 843.70): VV009012.D (-345) (-)

Ion 857.00 (856.70 to 857.70): VV009012.D (-345) (-)

Ion 871.00 (870.70 to 871.70): VV009012.D (-345) (-)

Ion 885.00 (884.70 to 885.70): VV009012.D (-345) (-)

Ion 899.00 (898.70 to 899.70): VV009012.D (-345) (-)

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Ion 1095.00 (1094.70 to 1095.70): VV009012.D (-345) (-)

Ion 1109.00 (1108.70 to 1109.70): VV009012.D (-345) (-)

Ion 1123.00 (1122.70 to 1123.70): VV009012.D (-345) (-)

Ion 1137.00 (1136.70 to 1137.70): VV009012.D (-345) (-)

Ion 1151.00 (1150.70 to 1151.70): VV009012.D (-345) (-)

Ion 1165.00 (1164.70 to 1165.70): VV009012.D (-345) (-)

Ion 1179.00 (1178.70 to 1179.70): VV009012.D (-345) (-)

Ion 1193.00 (1192.70 to 1193.70): VV009012.D (-345) (-)

Ion 1207.00 (1206.70 to 1207.70): VV009012.D (-345) (-)

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Ion 1795.00 (1794.70 to 1795.70): VV009012.D (-345) (-)

Ion 1809.00 (1808.70 to 1809.70): VV009012.D (-345) (-)

Ion 1823.00 (1822.70 to 1823.70): VV009012.D (-345) (-)

Ion 1837.00 (1836.70 to 1837.70): VV009012.D (-345) (-)

Ion 1851.00 (1850.70 to 1851.70): VV009012.D (-345) (-)

Ion 1865.00 (1864.70 to 1865.70): VV009012.D (-345) (-)

Ion 1879.00 (1878.70 to 1879.70): VV009012.D (-345) (-)

Ion 1893.00 (1892.70 to 1893.70): VV009012.D (-345) (-)

Ion 1907.00 (1906.70 to 1907.70): VV009012.D (-345) (-)

Ion 1921.00 (1920.70 to 1921.70): VV009012.D (-345) (-)

Ion 1935.00 (1934.70 to 1935.70): VV009012.D (-345) (-)

Ion 1949.00 (1948.70 to 1949.70): VV009012.D (-345) (-)

Ion 1963.00 (1962.70 to 1963.70): VV009012.D (-345) (-)

Ion 1977.00 (1976.70 to 1977.70): VV009012.D (-345) (-)

Ion 1991.00 (1990.70 to 1991.70): VV009012.D (-345) (-)

Ion 2005.00 (2004.70 to 2005.70): VV009012.D (-345) (-)

Ion 2019.00 (2018.70 to 2019.70): VV009012.D (-345) (-)

Ion 2033.00 (2032.70 to 2033.70): VV009012.D (-345) (-)

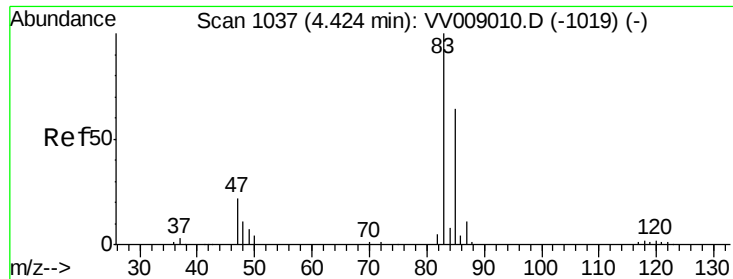
Ion 2047.00 (2046.70 to 2047.70): VV009012.D (-345) (-)

Ion 2061.00 (2060.70 to 2061.70): VV009012.D (-345) (-)

Ion 2075.00 (2074.70 to 2075.70): VV009012.D (-345) (-)

Ion 2089.00 (2088.70 to 2089.70): VV009012.D (-345) (-)

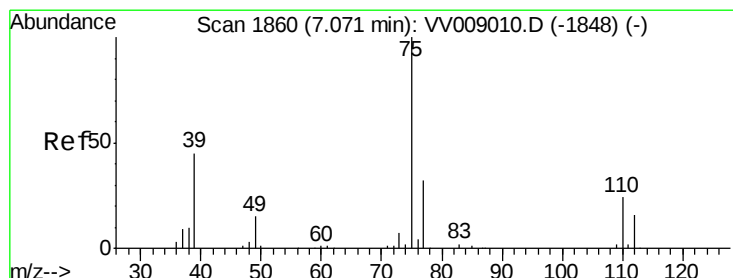
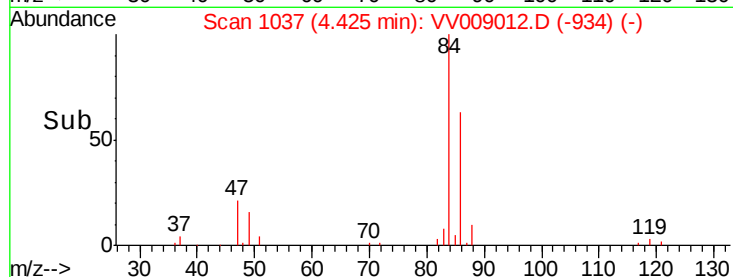
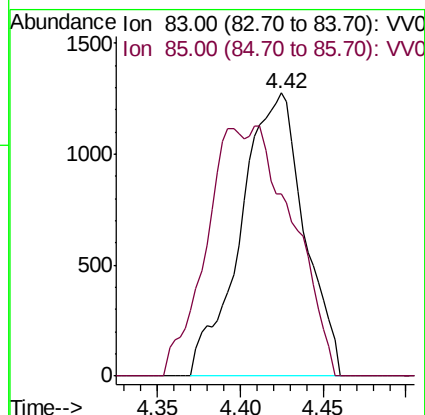
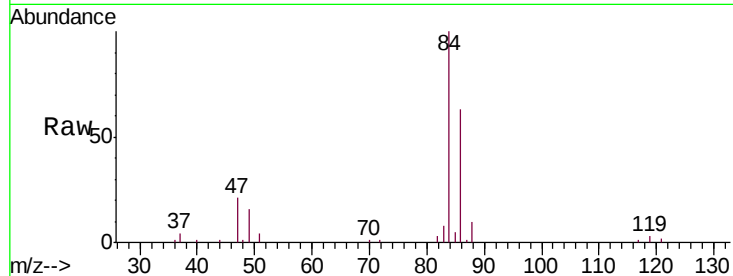
Ion 2103.00 (2102.70 to 2103.70): VV009012.D (-345)



#25
Chloroform
Concen: 0.457 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009012.D
Acq: 18 Dec 2018 14:46

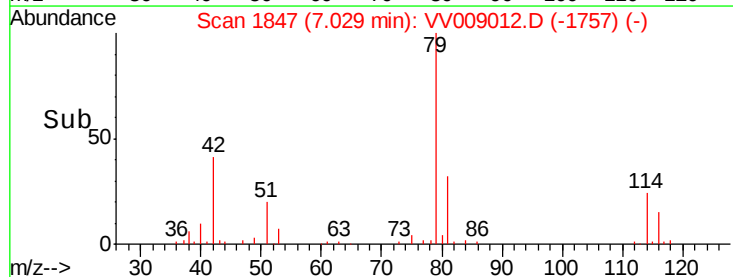
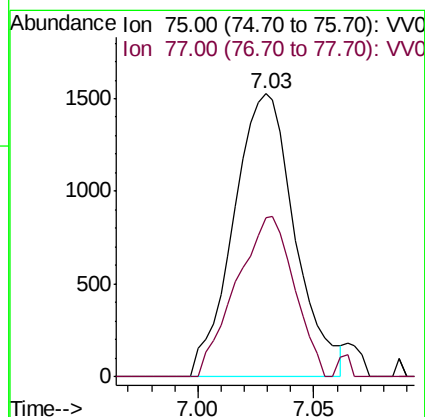
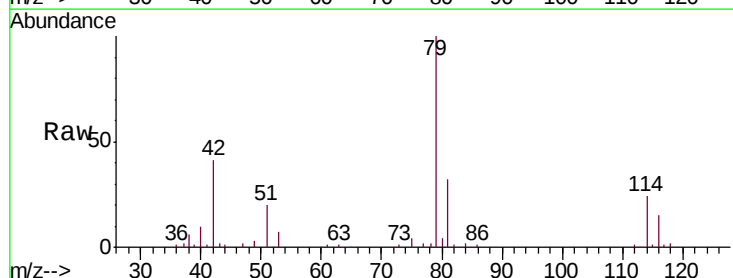
Instrument :
MSVOA_V
ClientSampled :
BEZY1

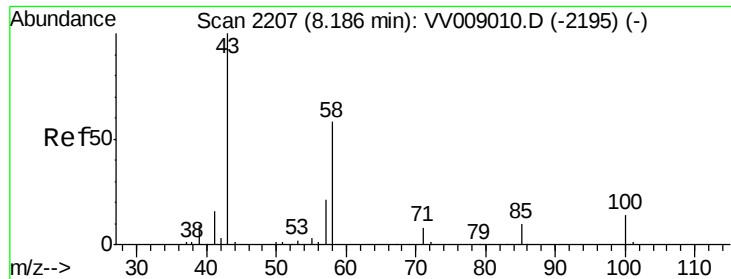
Tgt Ion: 83 Resp: 3402
Ion Ratio Lower Upper
83 100
85 54.2 45.6 84.8



#42
cis-1,3-Dichloropropene
Concen: 0.506 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009012.D
Acq: 18 Dec 2018 14:46

Tgt Ion: 75 Resp: 2811
Ion Ratio Lower Upper
75 100
77 56.1 21.3 39.6#

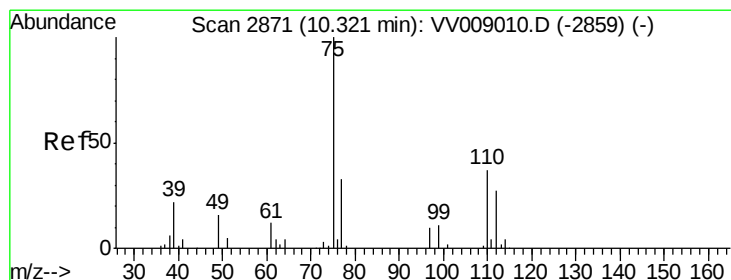
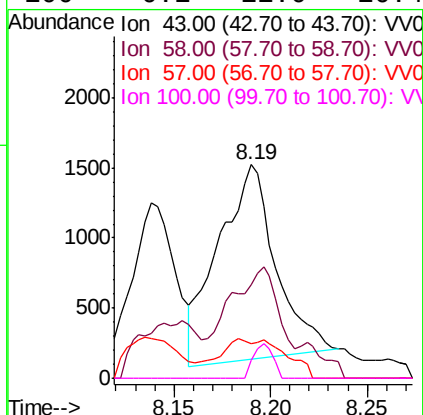
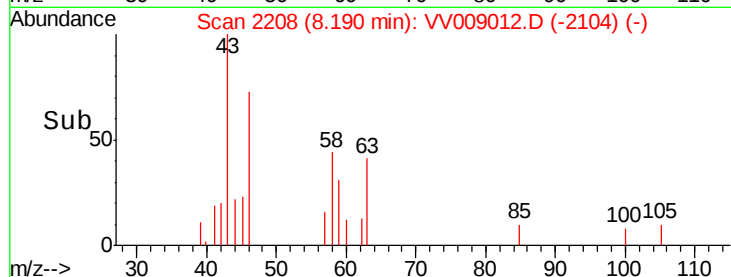
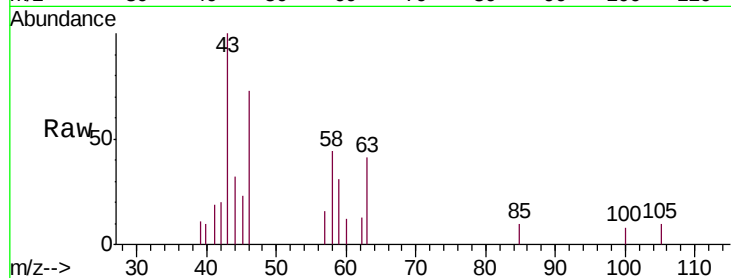




#49
2-Hexanone
Concen: 1.362 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV009012.D
Acq: 18 Dec 2018 14:46

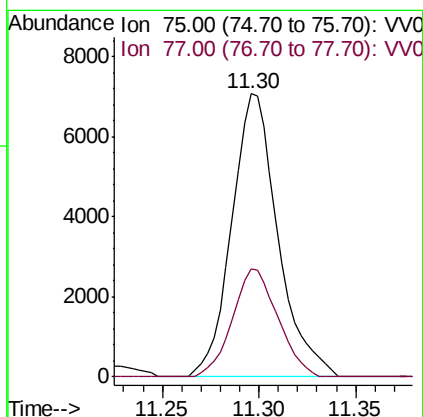
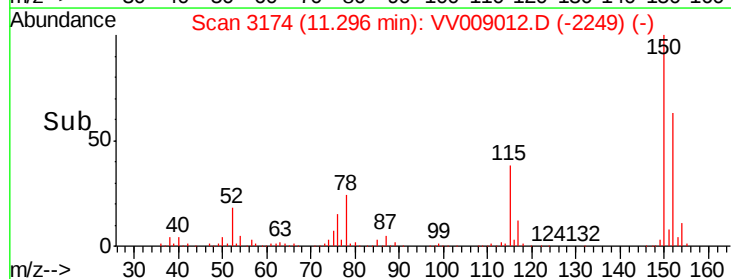
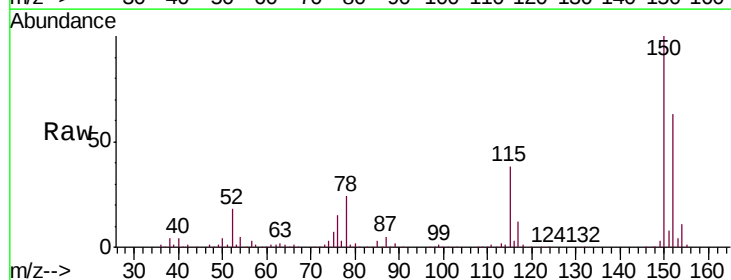
Instrument :
MSVOA_V
ClientSampleId :
BEZY1

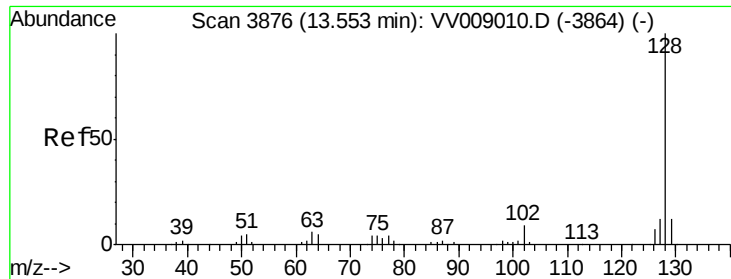
Tgt Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
58 19.2 43.9 65.9#
57 0.0 15.7 23.5#
100 6.1 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.973 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009012.D
Acq: 18 Dec 2018 14:46

Tgt Ion: 75 Resp: 11759
Ion Ratio Lower Upper
75 100
77 37.6 25.6 38.4





#69

Naphthalene

Concen: 0.326 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV009012.D

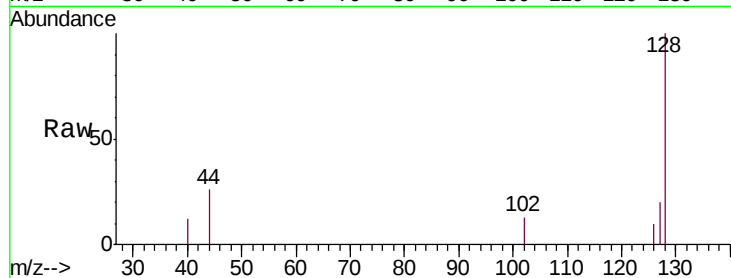
Acq: 18 Dec 2018 14:46

Instrument :

MSVOA_V

ClientSampleId :

BEZY1



Tgt Ion:128 Resp: 2018

Ion Ratio Lower Upper

128 100

129 3.6 8.6 13.0#

127 13.0 10.0 15.0

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

