

Data File : VV009033.D
Acq On : 19 Dec 2018 00:53
Operator : SY/MD
Sample : J6419-02
Misc : 4.17G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF009

Quant Time: Dec 19 07:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225574	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72071	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51063	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	1.58	69	51993	30.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.60%
10) 1,1-Dichloroethene-d2	2.13	63	118808	20.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.44%
20) 2-Butanone-d5	3.95	46	25606	30.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.26%
24) Chloroform-d	4.40	84	140288	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	5.08	65	89310	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.72%
29) Benzene-d6	5.10	84	280018	25.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.84%
33) 1,2-Dichloropropane-d6	6.12	67	86527	28.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.40%
37) Toluene-d8	7.36	98	247513	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
38) trans-1,3-Dichloropropene-	7.67	79	30750	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	8.14	63	16265	28.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62224	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	66631	24.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.52%

Target Compounds

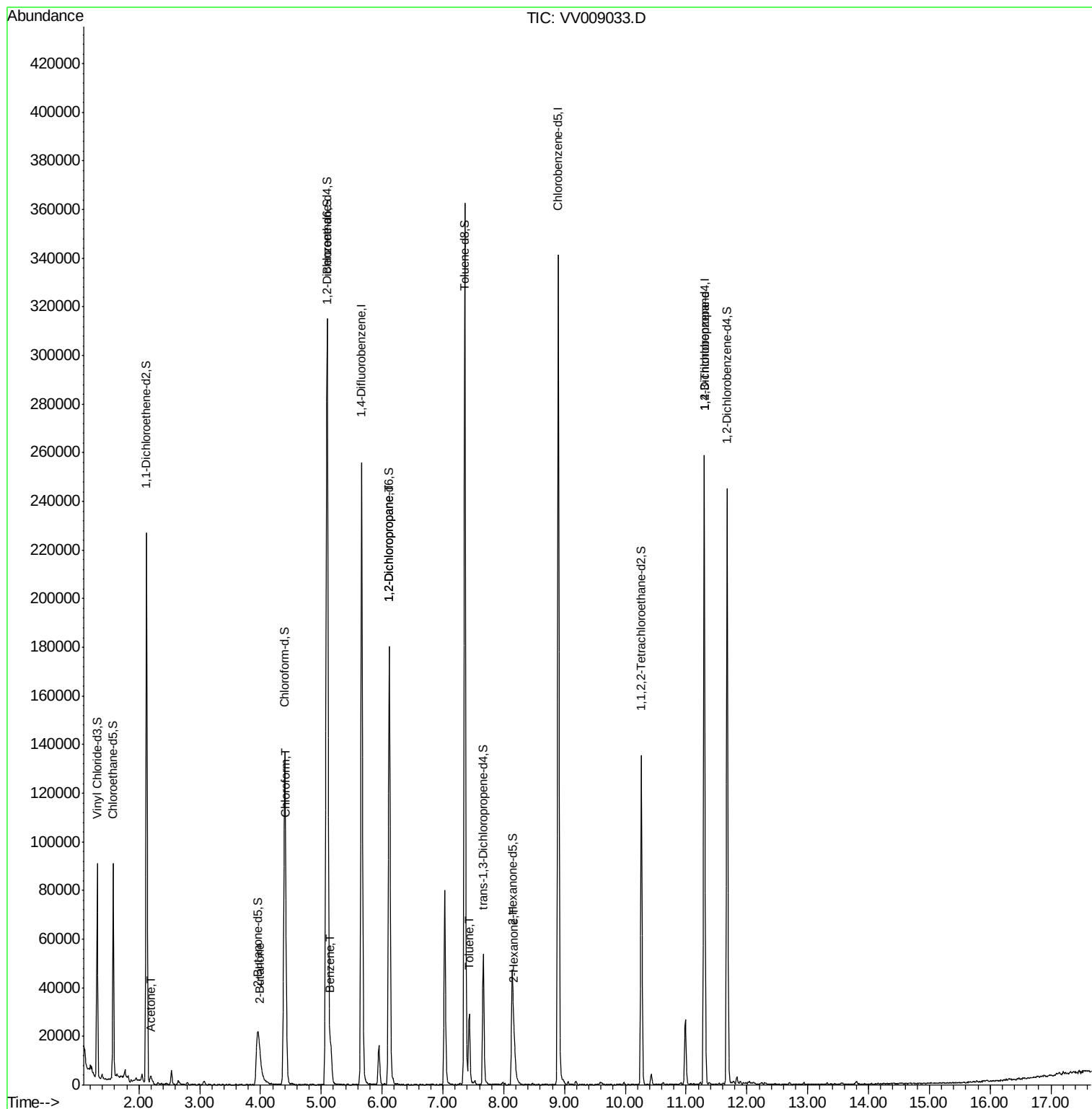
					Qvalue
13) Acetone	2.20	43	3560	2.843 ug/L	95
21) 2-Butanone	4.00	43	3981	3.392 ug/L #	51
25) Chloroform	4.42	83	3718	0.680 ug/L	84
34) Benzene	5.15	78	3604	0.305 ug/L	100
40) 1,2-Dichloropropane	6.12	63	9912	3.500 ug/L #	85
44) Toluene	7.43	91	20219	1.634 ug/L	97
49) 2-Hexanone	8.18	43	10090	6.371 ug/L #	56
59) 1,2,3-Trichloropropane	11.30	75	8225	3.726 ug/L	94

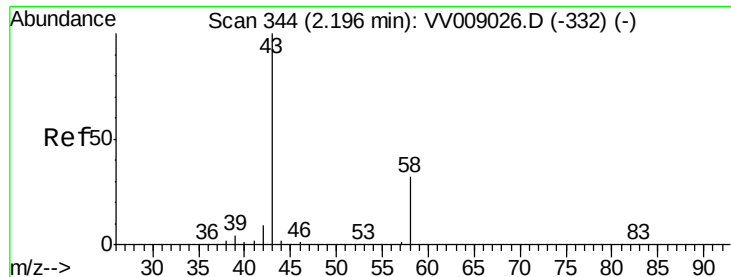
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.843 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

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Acq: 19 Dec 2018 00:53

Instrument :

MSVOA_V

ClientSampleId :

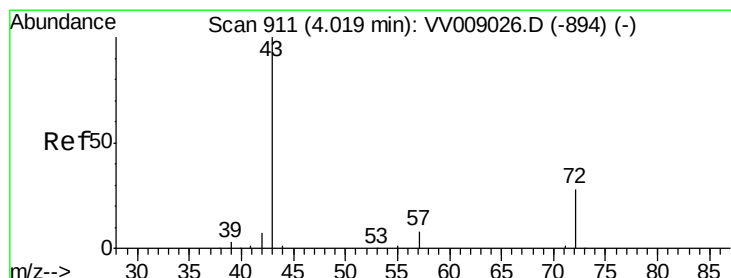
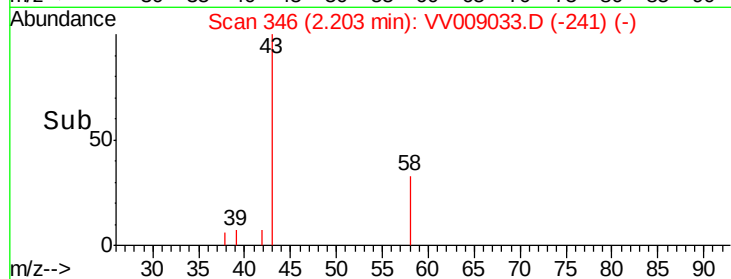
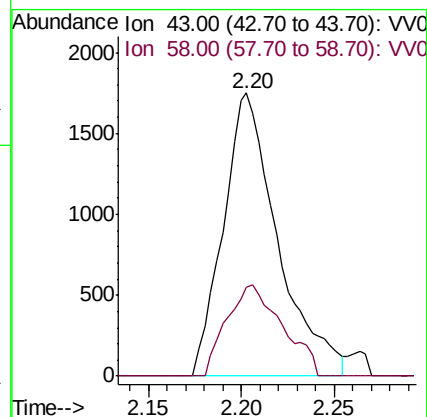
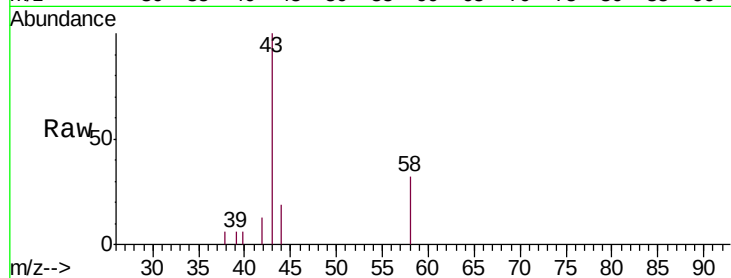
BF009

Tgt Ion: 43 Resp: 3560

Ion Ratio Lower Upper

43 100

58 30.0 0.0 65.4



#21

2-Butanone

Concen: 3.392 ug/L

RT: 4.00 min Scan# 904

Delta R.T. -0.02 min

Lab File: VV009033.D

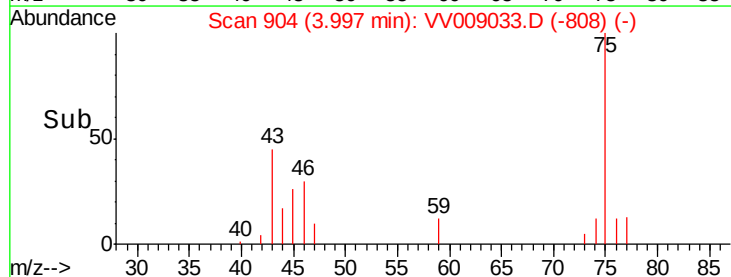
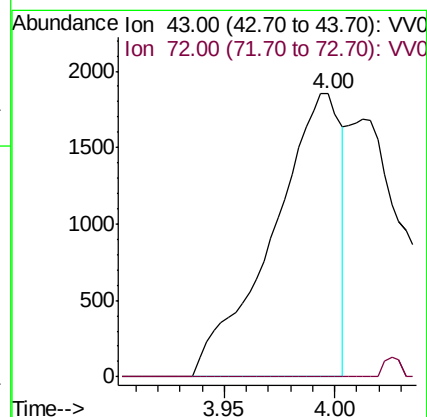
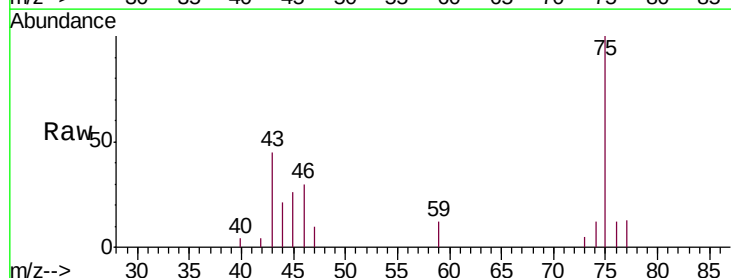
Acq: 19 Dec 2018 00:53

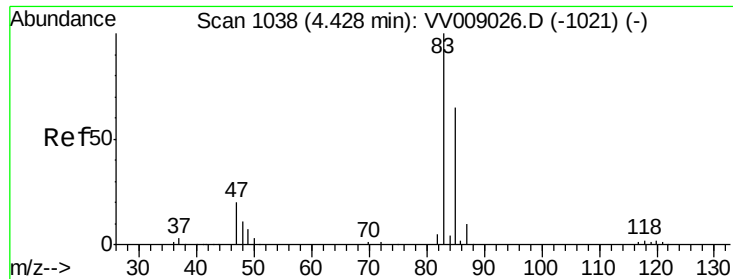
Tgt Ion: 43 Resp: 3981

Ion Ratio Lower Upper

43 100

72 1.7 13.7 41.1#

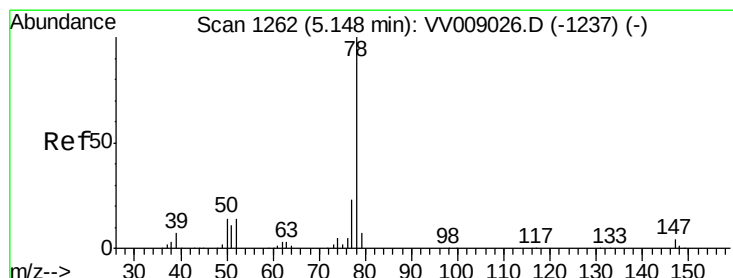
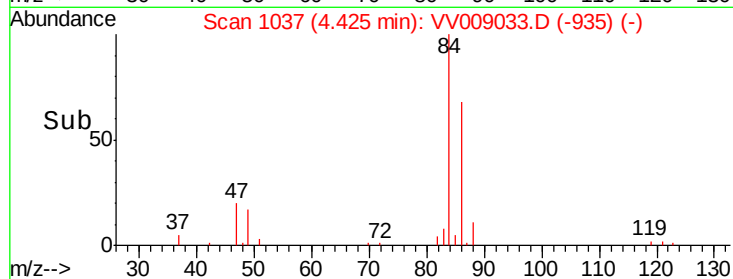
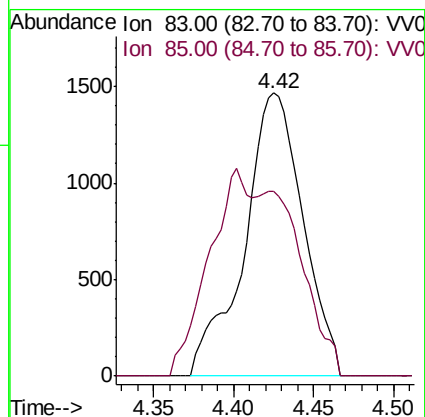
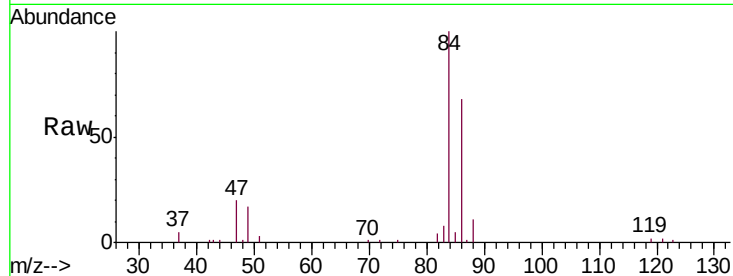




#25
Chloroform
Concen: 0.680 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009033.D
Acq: 19 Dec 2018 00:53

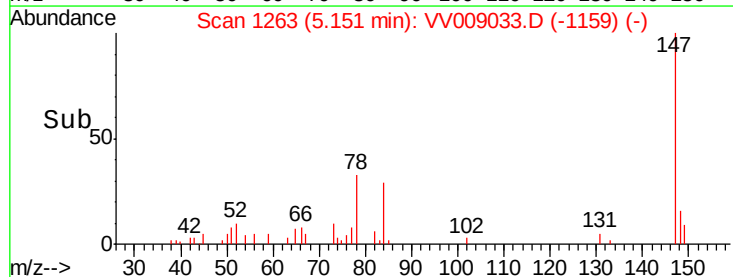
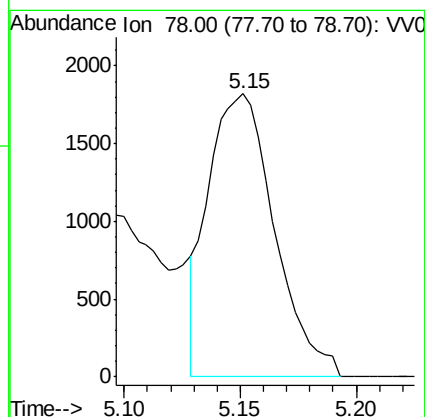
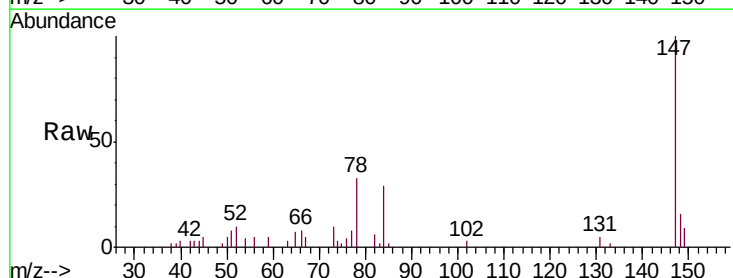
Instrument :
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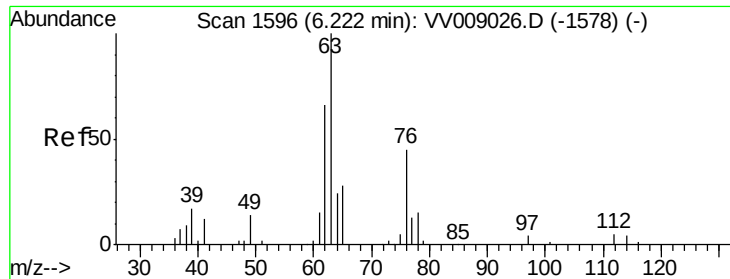
Tgt Ion: 83 Resp: 3718
Ion Ratio Lower Upper
83 100
85 52.4 45.6 84.8



#34
Benzene
Concen: 0.305 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV009033.D
Acq: 19 Dec 2018 00:53

Tgt Ion: 78 Resp: 3604

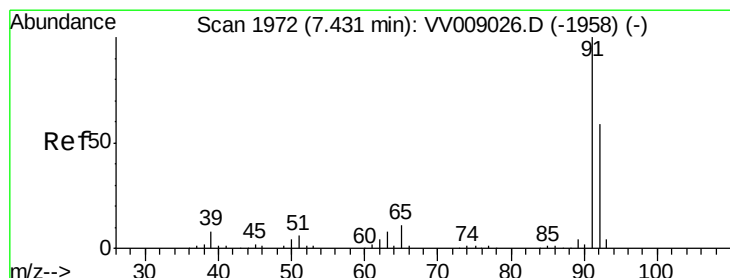
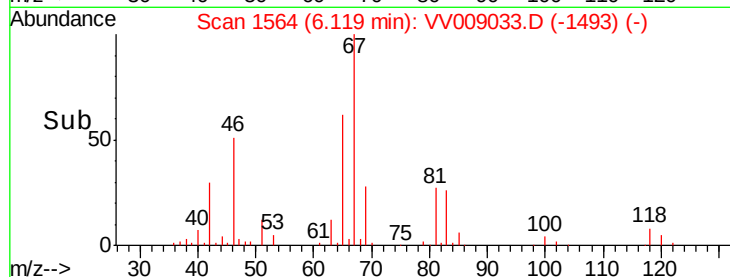
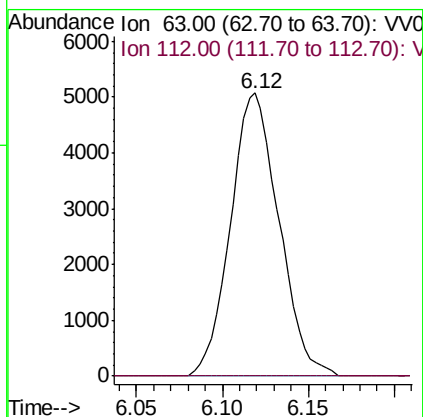
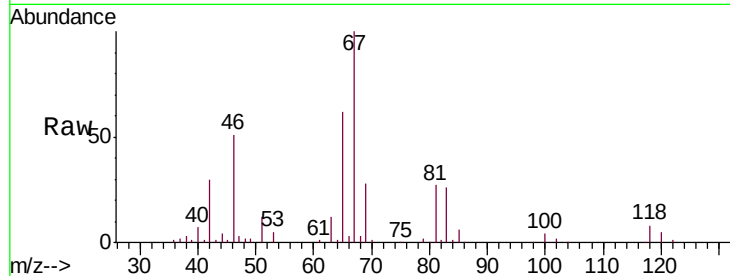




#40
 1,2-Dichloropropane
 Concen: 3.500 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009033.D
 Acq: 19 Dec 2018 00:53

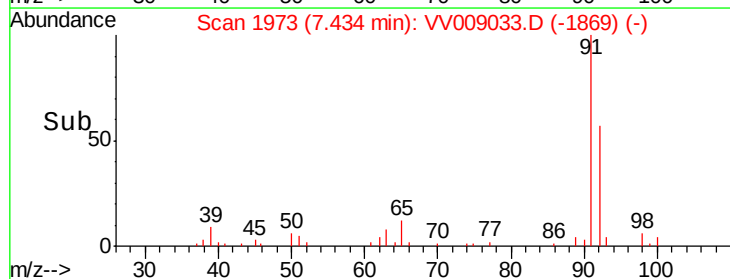
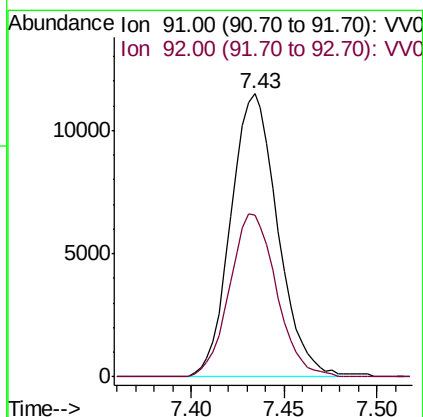
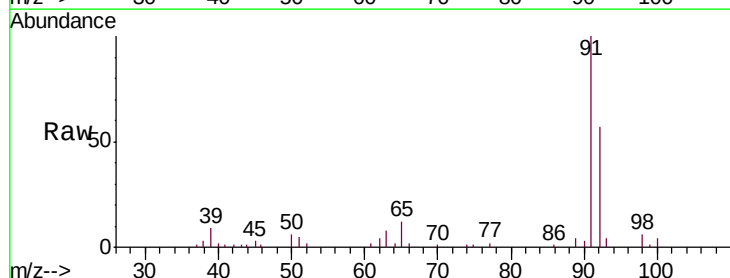
Instrument :
 MSVOA_V
 ClientSampleId :
 BF009

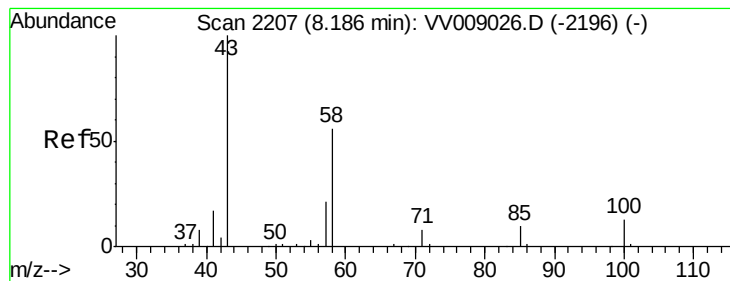
Tgt Ion: 63 Resp: 9912
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#44
 Toluene
 Concen: 1.634 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VV009033.D
 Acq: 19 Dec 2018 00:53

Tgt Ion: 91 Resp: 20219
 Ion Ratio Lower Upper
 91 100
 92 57.3 41.7 77.5





#49

2-Hexanone

Concen: 6.371 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV009033.D

Acq: 19 Dec 2018 00:53

Instrument :
MSVOA_V
ClientSampleId :
BF009

Tgt Ion: 43 Resp: 10090

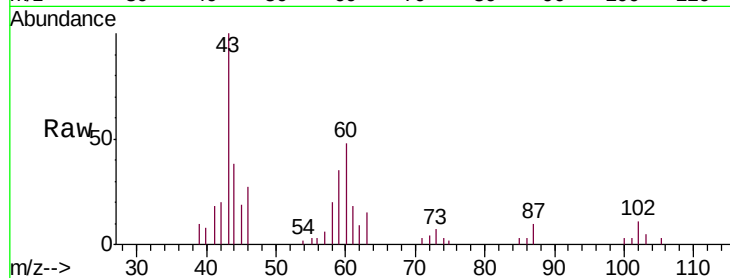
Ion Ratio Lower Upper

43 100

58 18.5 43.9 65.9#

57 1.0 15.7 23.5#

100 3.3 11.0 16.4#

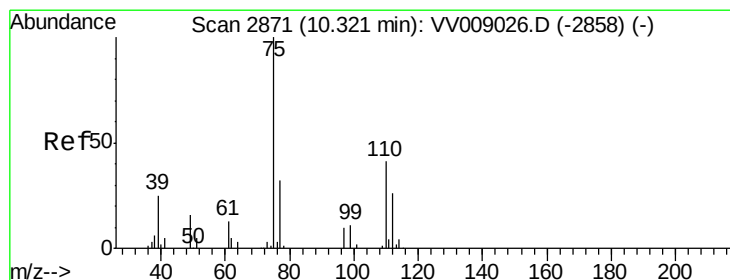
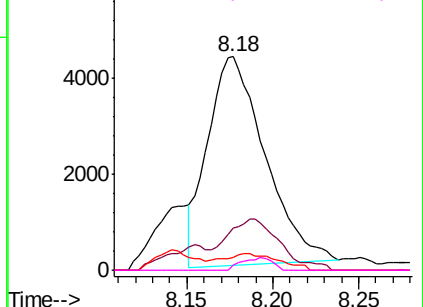
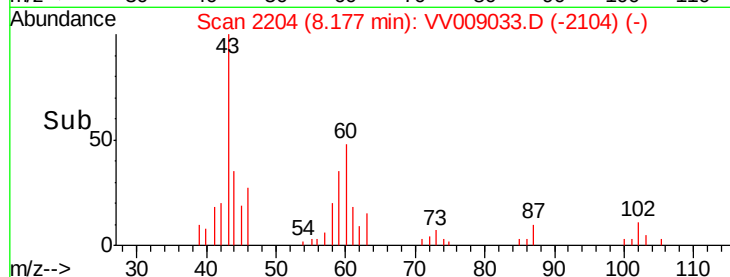


Abundance Ion 43.00 (42.70 to 43.70): VV009026.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV009026.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV009026.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV009026.D (-2196) (-)



#59

1,2,3-Trichloropropane

Concen: 3.726 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009033.D

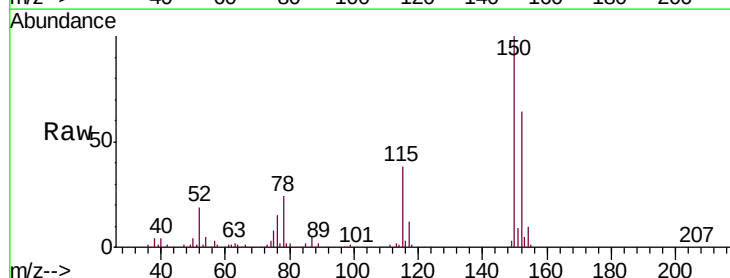
Acq: 19 Dec 2018 00:53

Tgt Ion: 75 Resp: 8225

Ion Ratio Lower Upper

75 100

77 35.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV009026.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV009026.D (-2858) (-)

