

Data File : VV009096.D
Acq On : 20 Dec 2018 21:34
Operator : SY/MD
Sample : VV1220SBL02
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK75

Quant Time: Dec 21 01:32:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	248172	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	219609	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95018	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50130	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
7) Chloroethane-d5	1.58	69	48546	25.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.36%
10) 1,1-Dichloroethene-d2	2.13	63	100554	15.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.64%
20) 2-Butanone-d5	3.94	46	41192	44.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.12%
24) Chloroform-d	4.40	84	146321	24.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	5.08	65	88401	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.60%
29) Benzene-d6	5.10	84	283019	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	6.12	67	88711	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.32%
37) Toluene-d8	7.36	98	260393	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.76%
38) trans-1,3-Dichloropropene-	7.66	79	36012	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	8.14	63	25288	40.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	65171	22.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	87599	24.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.28%

Target Compounds

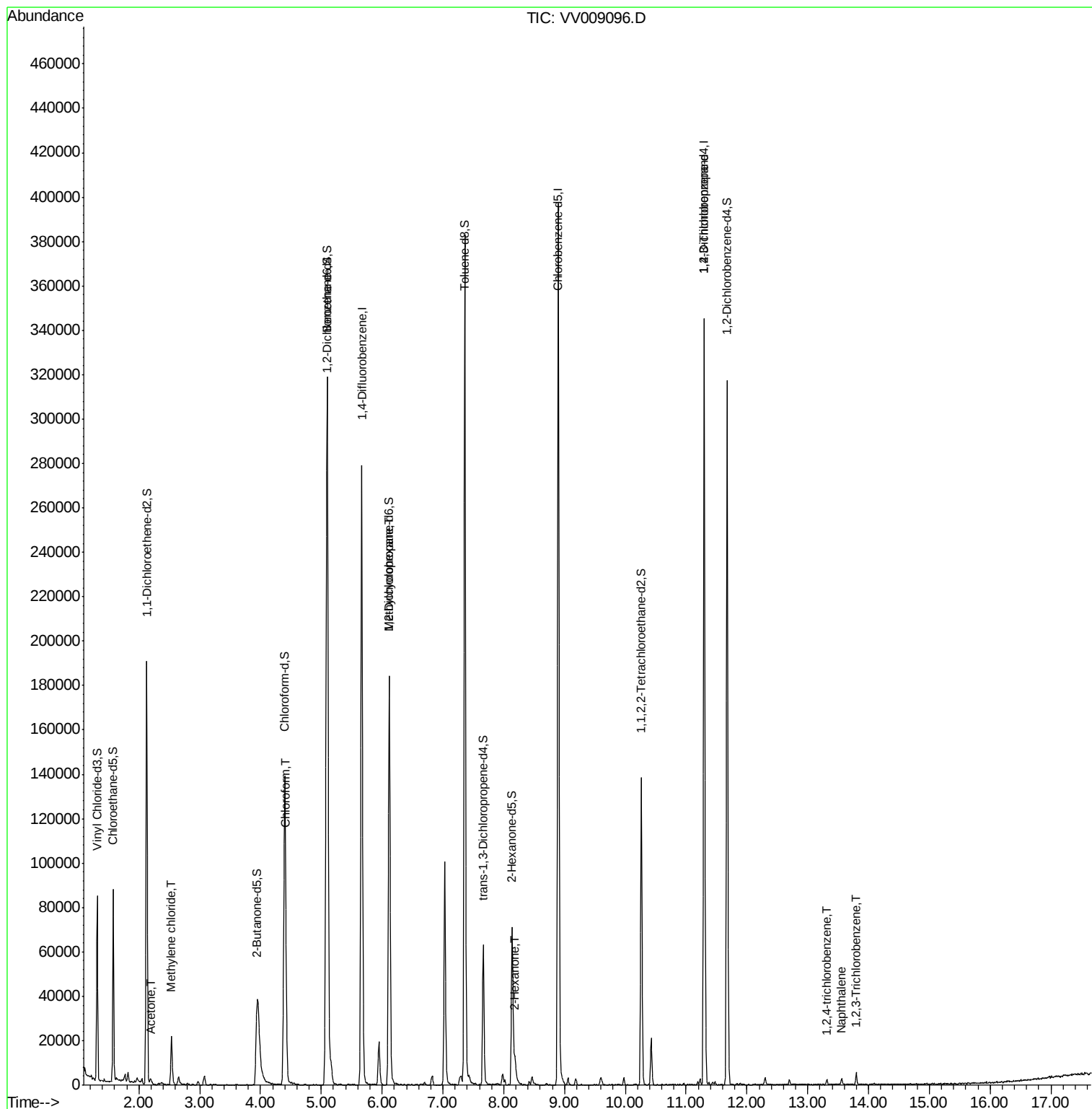
					Qvalue
13) Acetone	2.20	43	2263	1.643 ug/L	92
16) Methylene chloride	2.54	84	9216	2.205 ug/L	98
25) Chloroform	4.42	83	4495	0.747 ug/L #	46
36) Methylcyclohexane	6.12	83	21726	3.434 ug/L #	21
49) 2-Hexanone	8.19	43	6716	3.803 ug/L #	82
59) 1,2,3-Trichloropropane	11.30	75	10792	4.385 ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	1004	0.324 ug/L #	92
69) Naphthalene	13.56	128	3053	0.572 ug/L #	90
70) 1,2,3-Trichlorobenzene	13.80	180	989	0.345 ug/L	85

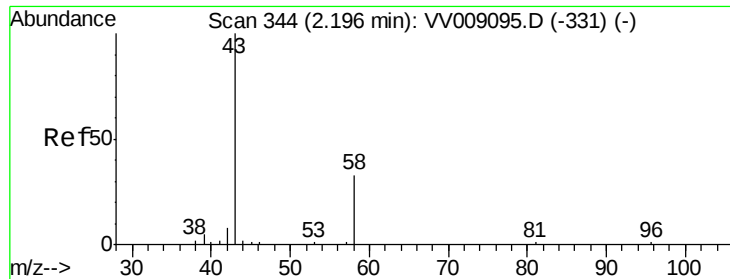
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.643 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV009096.D

Acq: 20 Dec 2018 21:34

Instrument :

MSVOA_V

ClientSampleId :

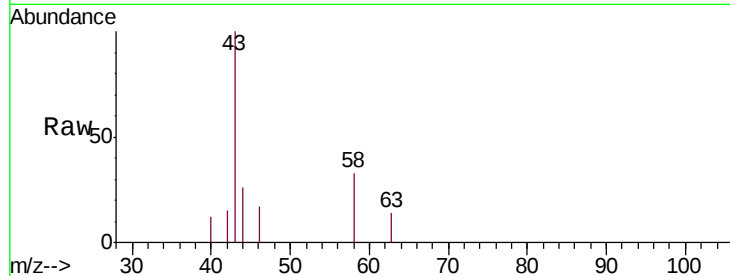
VBLK75

Tgt Ion: 43 Resp: 2263

Ion Ratio Lower Upper

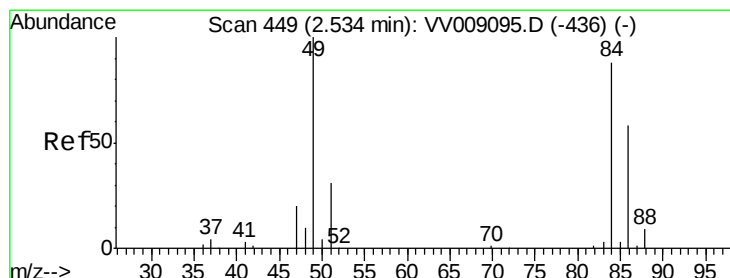
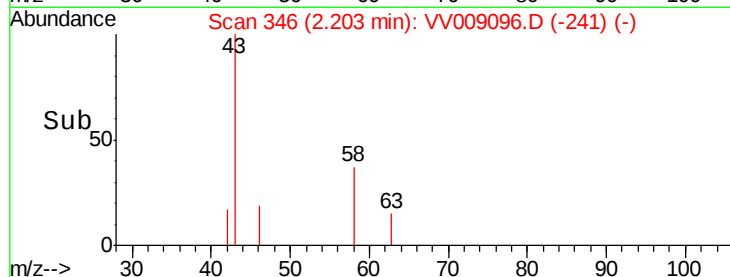
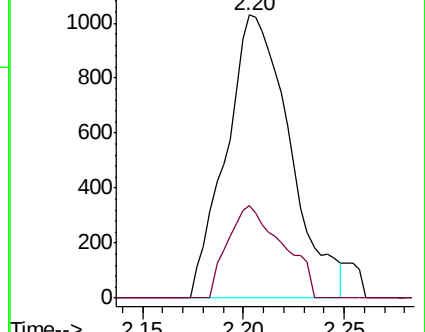
43 100

58 28.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009095.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009095.D (-331) (-)



#16

Methylene chloride

Concen: 2.205 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009096.D

Acq: 20 Dec 2018 21:34

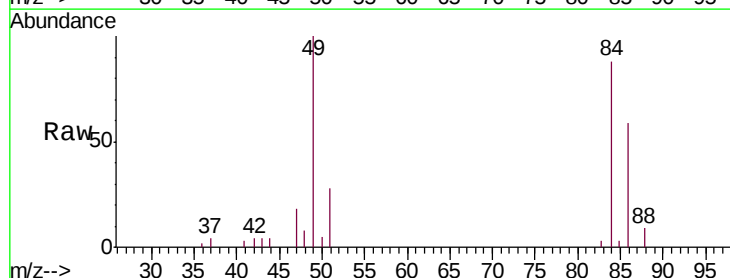
Tgt Ion: 84 Resp: 9216

Ion Ratio Lower Upper

84 100

49 113.8 80.5 149.5

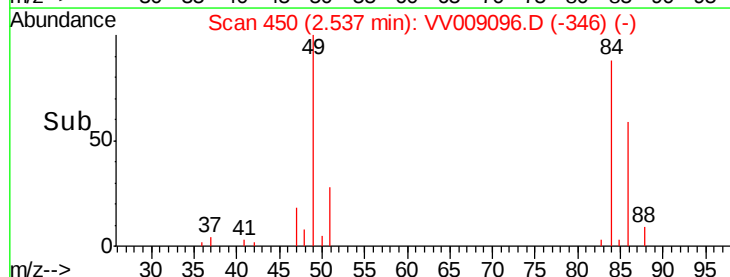
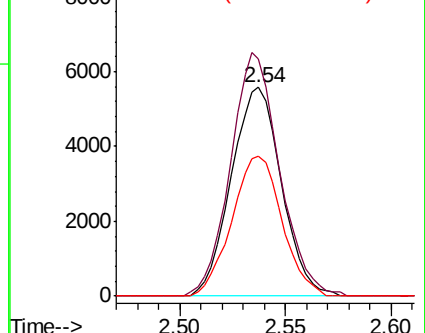
86 67.2 45.5 84.5

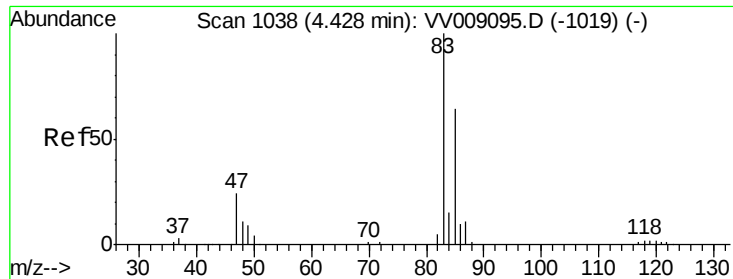


Abundance Ion 84.00 (83.70 to 84.70): VV009095.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009095.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009095.D (-436) (-)

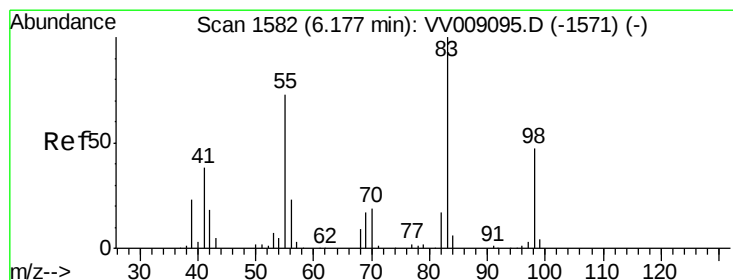
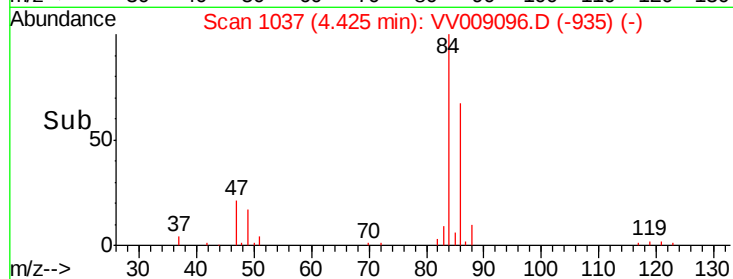
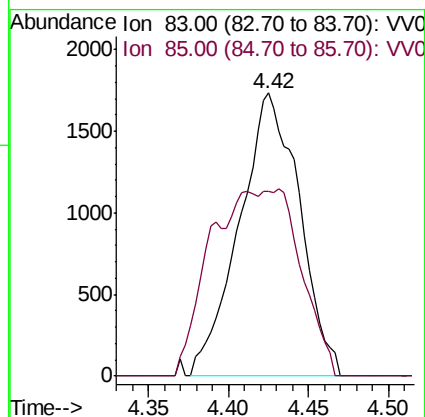
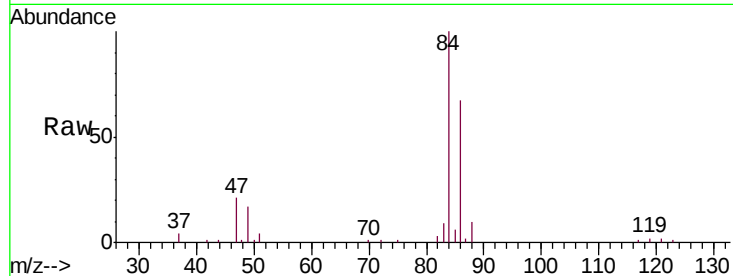




#25
Chloroform
Concen: 0.747 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009096.D
Acq: 20 Dec 2018 21:34

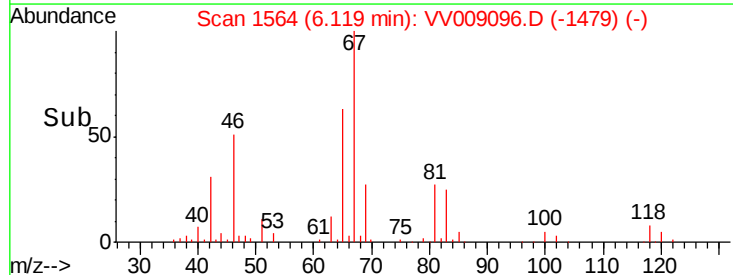
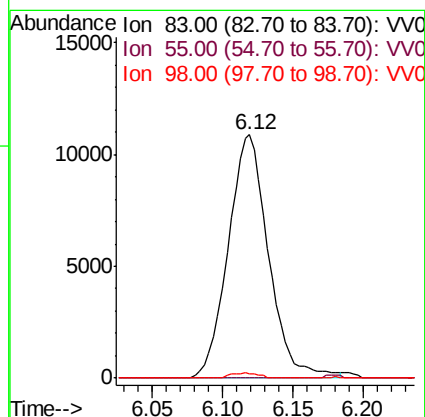
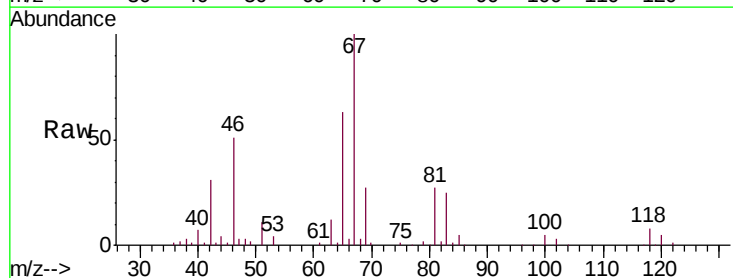
Instrument :
MSVOA_V
ClientSampleId :
VBLK75

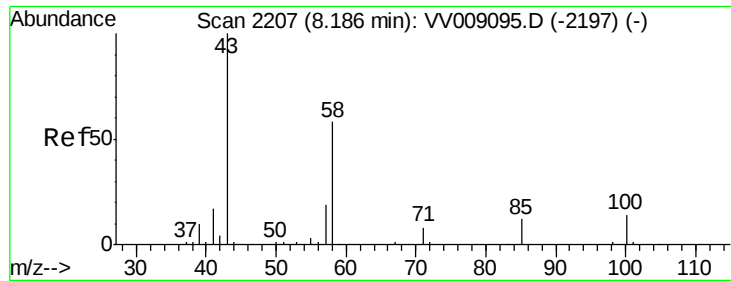
Tgt Ion: 83 Resp: 4495
Ion Ratio Lower Upper
83 100
85 22.4 45.6 84.8#



#36
Methylcyclohexane
Concen: 3.434 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009096.D
Acq: 20 Dec 2018 21:34

Tgt Ion: 83 Resp: 21726
Ion Ratio Lower Upper
83 100
55 0.5 58.2 87.2#
98 1.4 37.8 56.8#

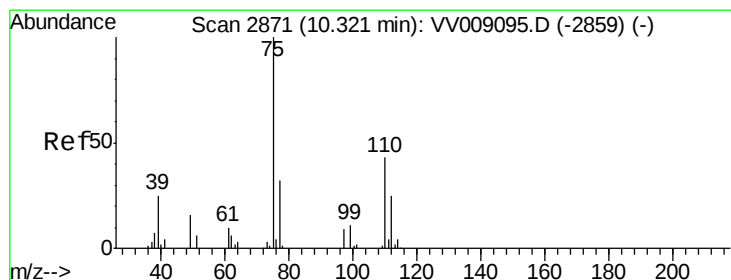
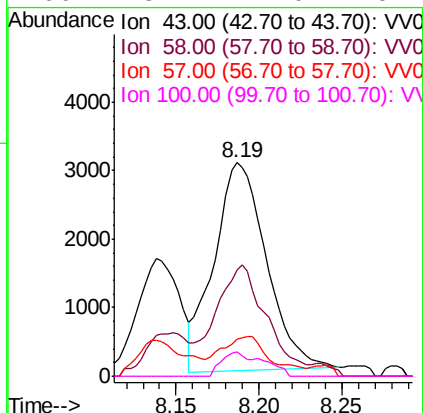
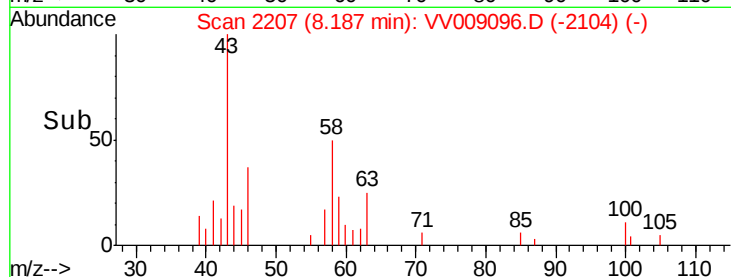
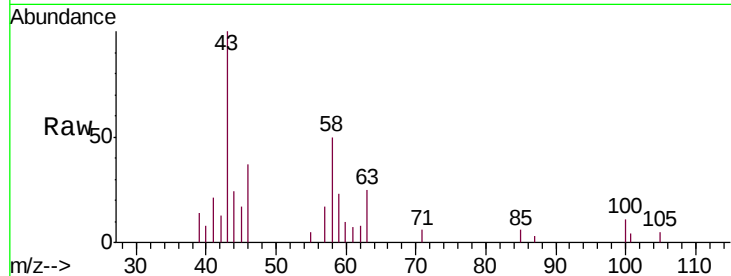




#49
2-Hexanone
Concen: 3.803 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009096.D
Acq: 20 Dec 2018 21:34

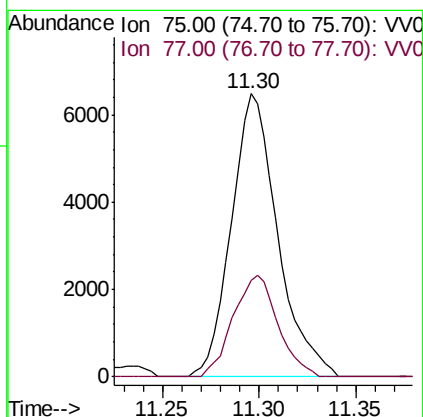
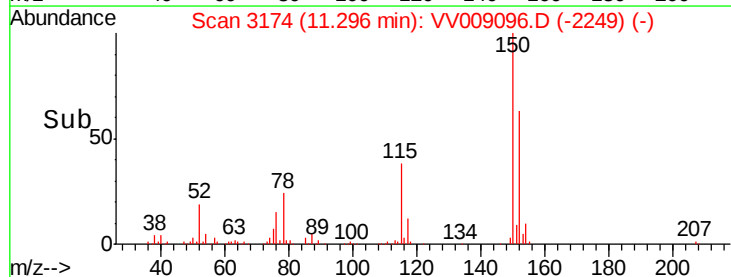
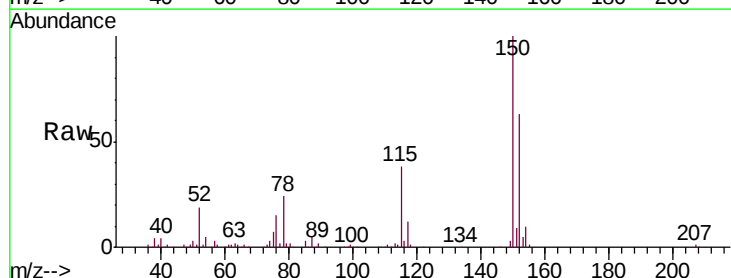
Instrument :
MSVOA_V
ClientSampleId :
VBLK75

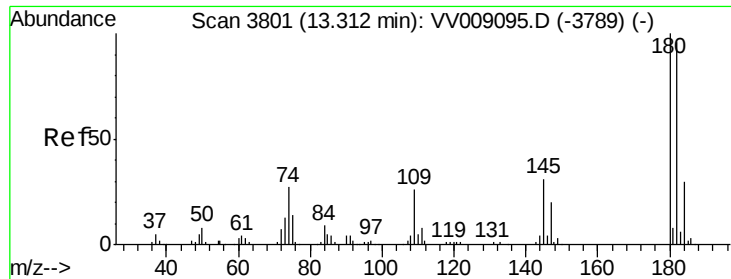
Tgt Ion: 43 Resp: 6716
Ion Ratio Lower Upper
43 100
58 43.0 43.9 65.9#
57 11.3 15.7 23.5#
100 5.4 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 4.385 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009096.D
Acq: 20 Dec 2018 21:34

Tgt Ion: 75 Resp: 10792
Ion Ratio Lower Upper
75 100
77 34.7 25.6 38.4

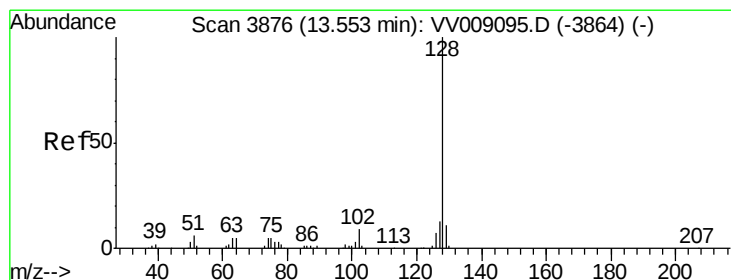
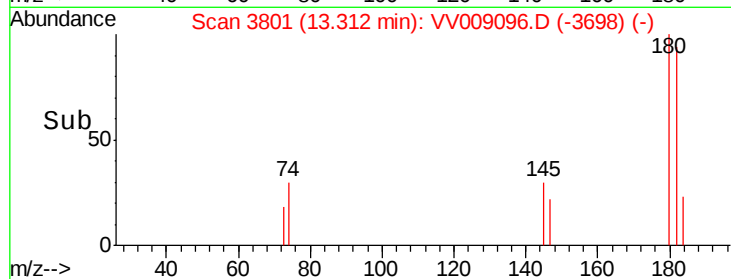
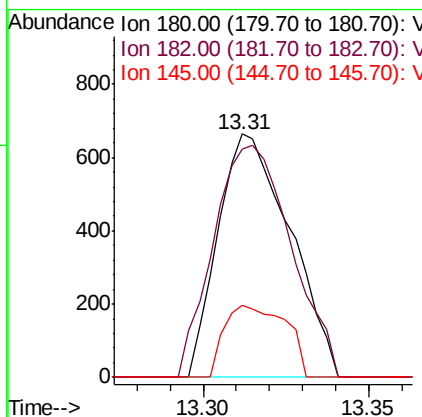
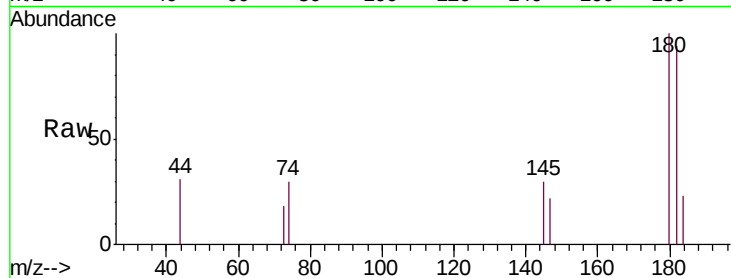




#68
 1,2,4-trichlorobenzene
 Concen: 0.324 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV009096.D
 Acq: 20 Dec 2018 21:34

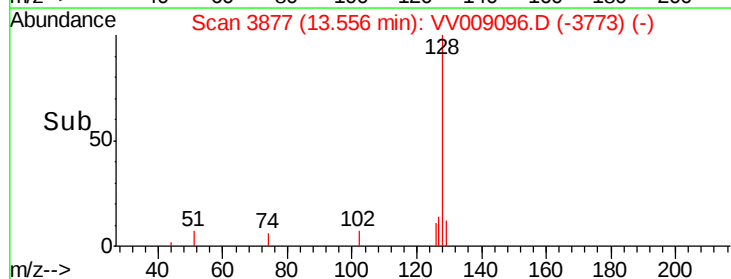
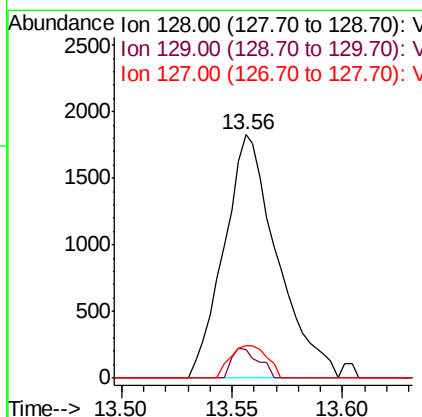
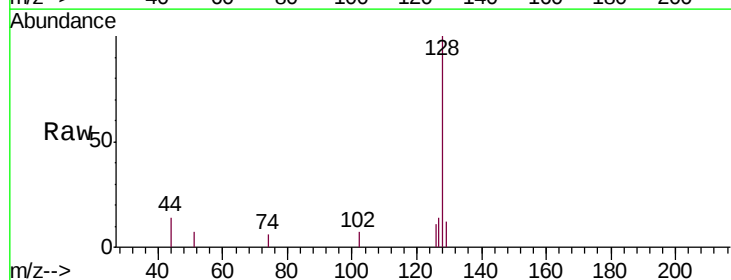
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK75

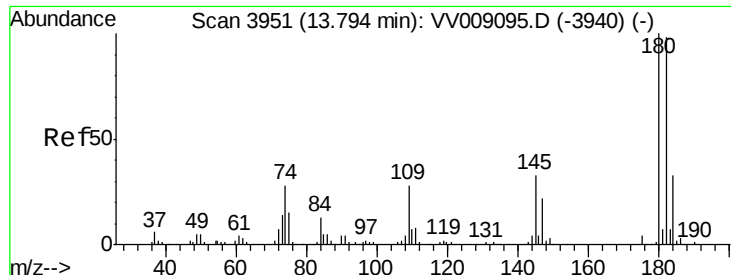
Tgt Ion:180 Resp: 1004
 Ion Ratio Lower Upper
 180 100
 182 102.9 77.4 116.0
 145 25.1 25.6 38.4#



#69
 Naphthalene
 Concen: 0.572 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: VV009096.D
 Acq: 20 Dec 2018 21:34

Tgt Ion:128 Resp: 3053
 Ion Ratio Lower Upper
 128 100
 129 6.1 8.6 13.0#
 127 9.3 10.0 15.0#





#70

1,2,3-Trichlorobenzene

Concen: 0.345 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.01 min

Lab File: VV009096.D

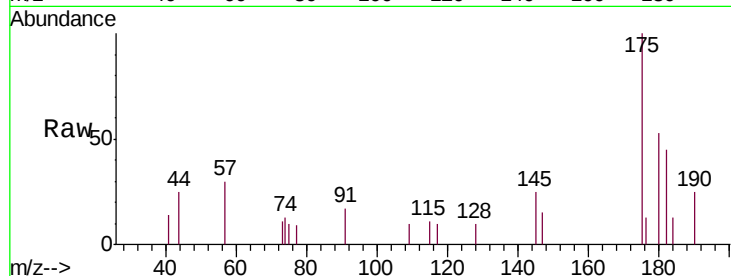
Acq: 20 Dec 2018 21:34

Instrument :

MSVOA_V

ClientSampleId :

VBLK75



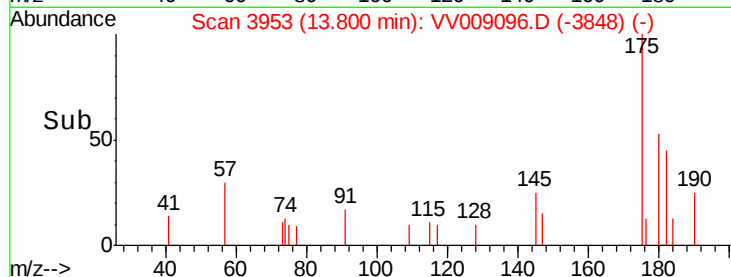
Tgt Ion:180 Resp: 989

Ion Ratio Lower Upper

180 100

182 78.8 76.1 114.1

145 28.3 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

