

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042719\
 Data File : VV010518.D
 Acq On : 27 Apr 2019 00:12
 Operator : SY/MD
 Sample : VV0427WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK41

Quant Time: Apr 27 03:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 27 03:37:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	256708	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244245	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105855	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62141	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	31474	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	91845	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.95	46	151597	47.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.14%
24) Chloroform-d	4.40	84	160441	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	76734	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.10	84	317357	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	90203	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	297587	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.66	79	30324	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	138483	49.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64622	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	113822	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

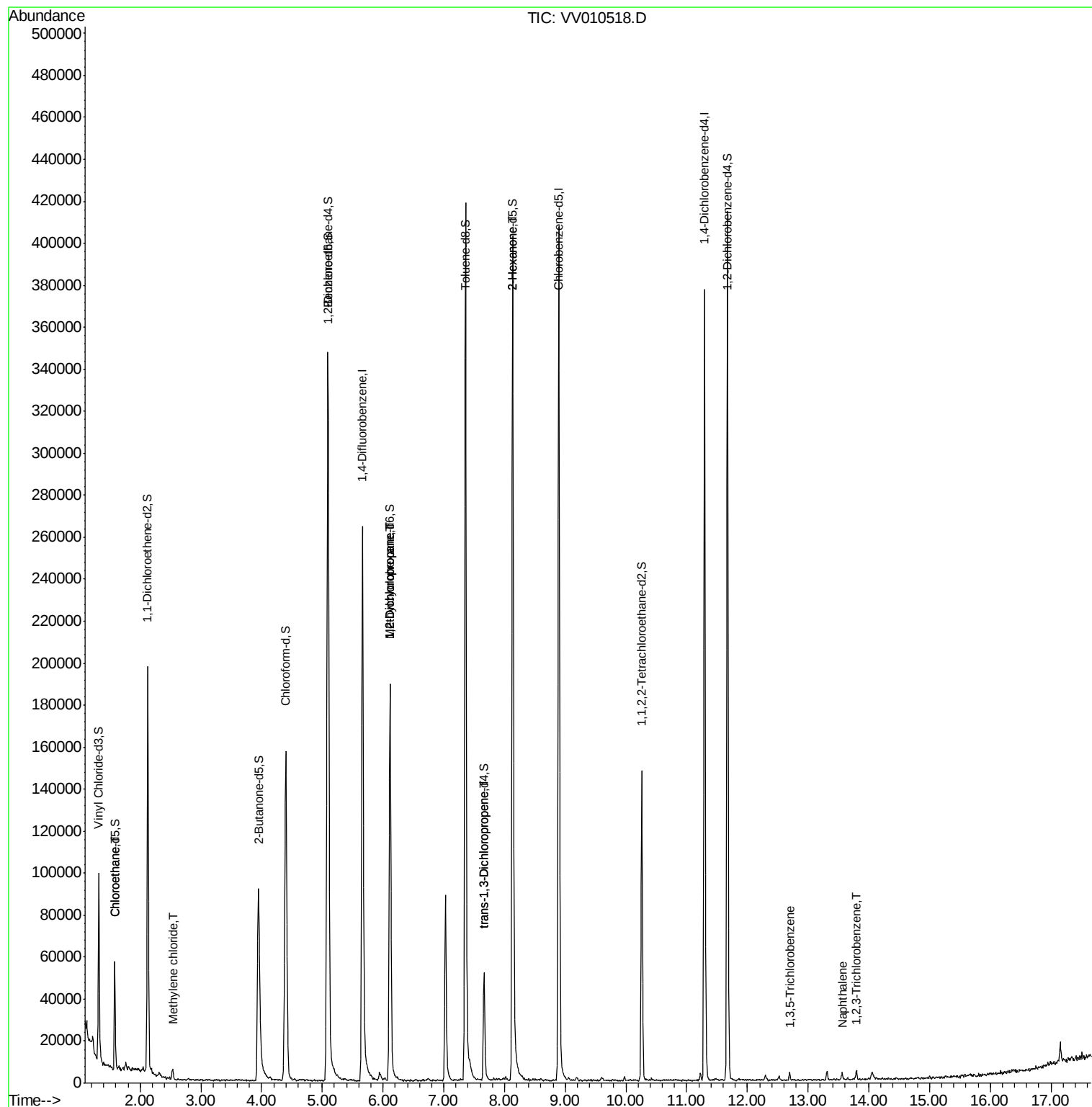
					Qvalue
8) Chloroethane	1.59	64	1030	0.179 ug/L #	45
16) Methylene chloride	2.53	84	2180	0.116 ug/L	87
35) Methylcyclohexane	6.12	83	22965	0.962 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10713	0.735 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	1539	0.093 ug/L #	47
48) 2-Hexanone	8.14	43	16692	3.096 ug/L #	69
67) 1,3,5-Trichlorobenzene	12.69	180	1403	0.051 ug/L #	93
69) Naphthalene	13.56	128	2568	0.083 ug/L	95
70) 1,2,3-Trichlorobenzene	13.79	180	1586	0.076 ug/L #	83

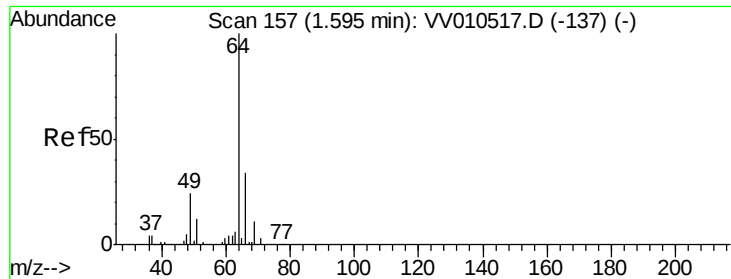
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 27 03:37:03 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.179 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV010518.D

Acq: 27 Apr 2019 00:12

Instrument :

MSVOA_V

ClientSampled :

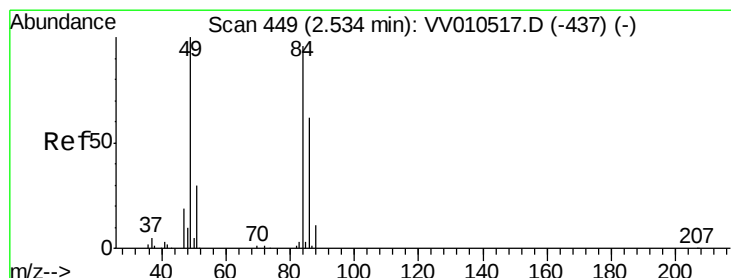
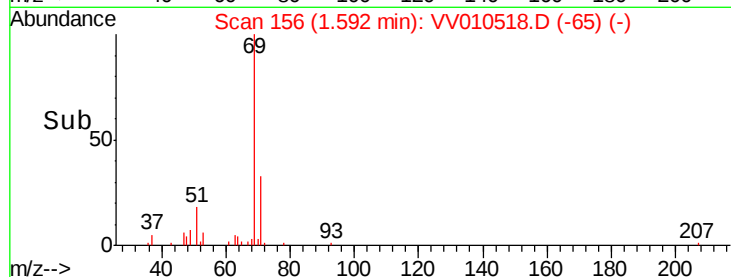
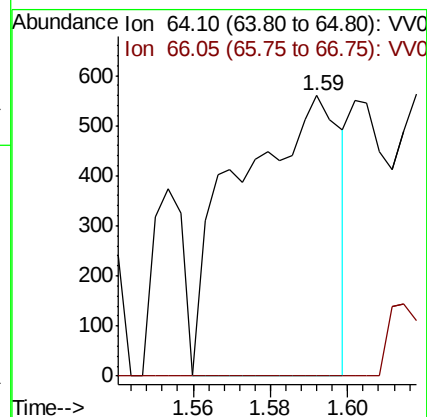
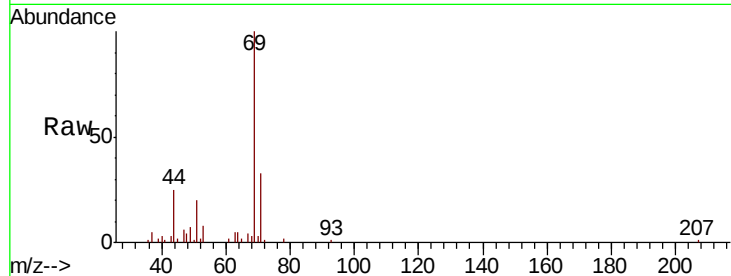
VBLK41

Tgt Ion: 64 Resp: 1030

Ion Ratio Lower Upper

64 100

66 0.0 20.7 38.5#



#16

Methylene chloride

Concen: 0.116 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010518.D

Acq: 27 Apr 2019 00:12

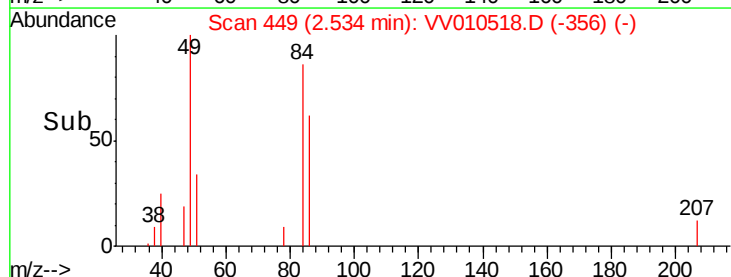
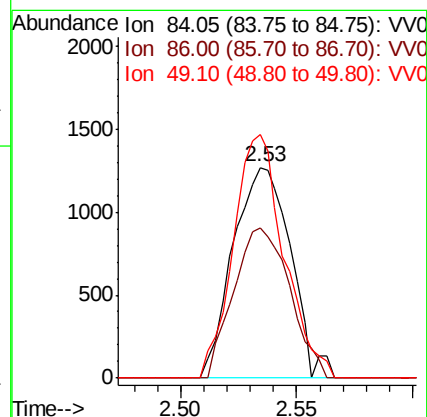
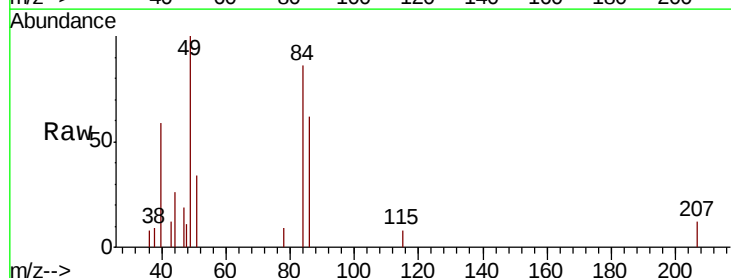
Tgt Ion: 84 Resp: 2180

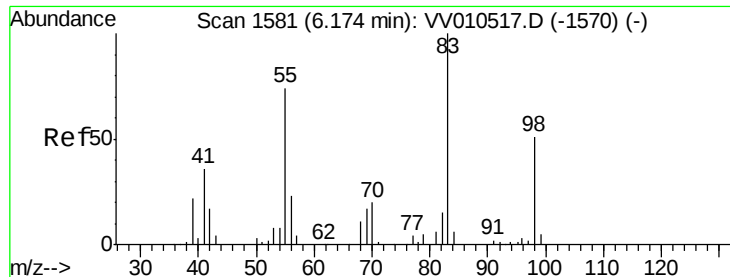
Ion Ratio Lower Upper

84 100

86 71.6 43.7 81.1

49 115.7 71.4 132.6

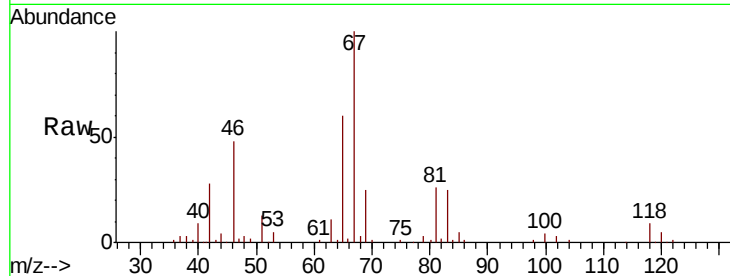




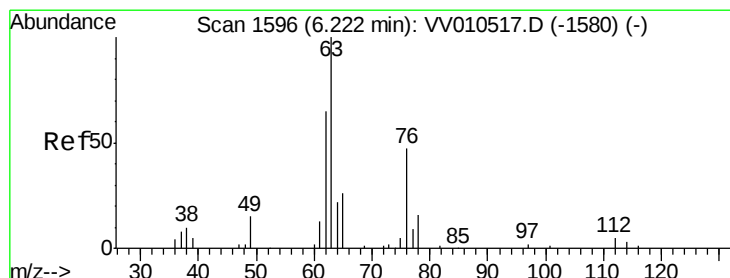
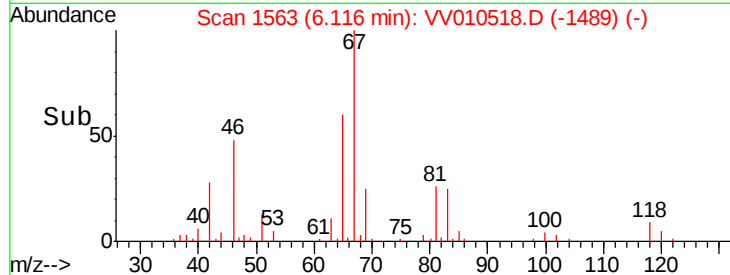
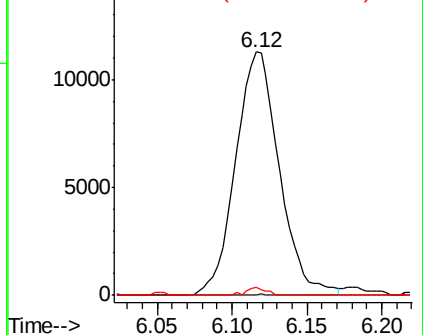
#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010518.D
Acq: 27 Apr 2019 00:12

Instrument :
MSVOA_V
ClientSampleId :
VBLK41

Tgt Ion: 83 Resp: 22965
Ion Ratio Lower Upper
83 100
55 0.1 58.0 87.0#
98 1.4 40.4 60.6#

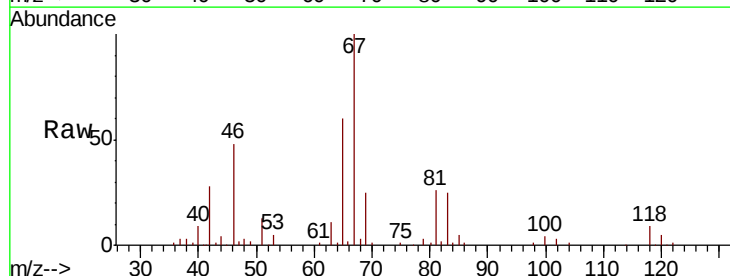


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

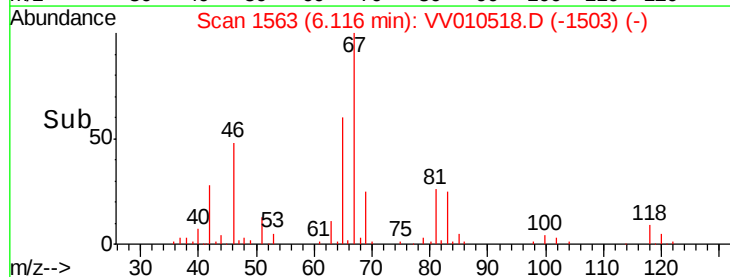
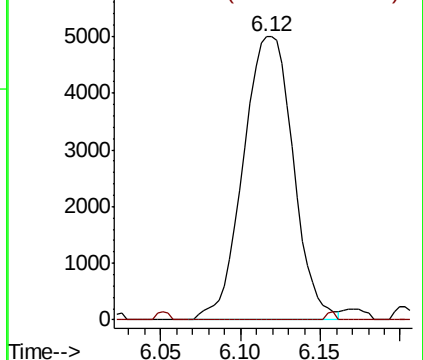


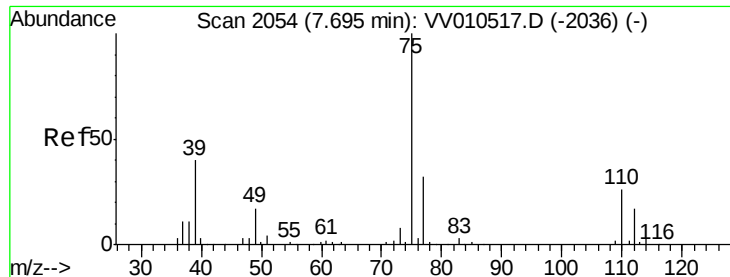
#37
1,2-Dichloropropane
Concen: 0.735 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010518.D
Acq: 27 Apr 2019 00:12

Tgt Ion: 63 Resp: 10713
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV010518.D

Acq: 27 Apr 2019 00:12

Instrument :

MSVOA_V

ClientSampleId :

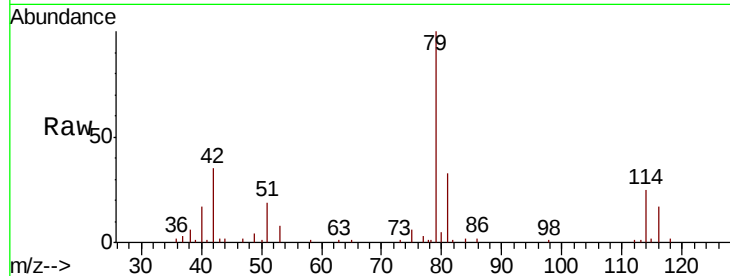
VBLK41

Tgt Ion: 75 Resp: 1539

Ion Ratio Lower Upper

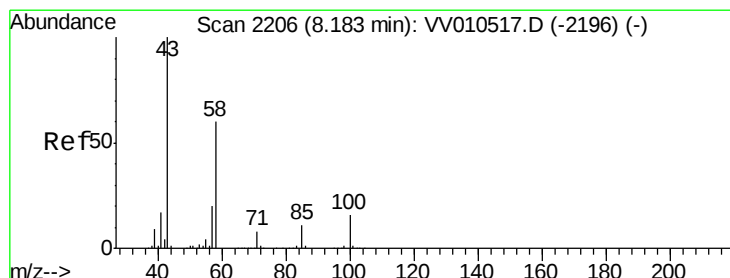
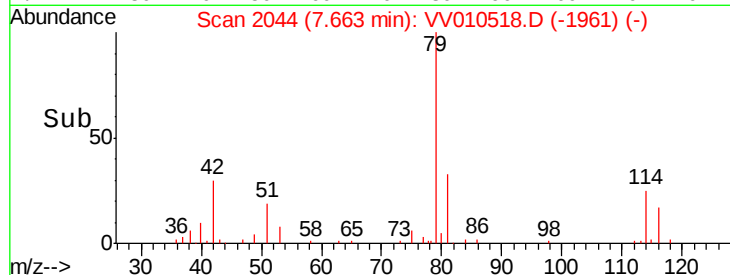
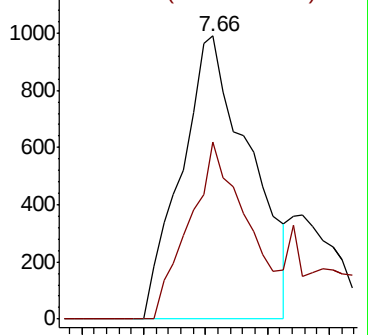
75 100

77 62.4 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VV010517.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV010518.D (-1961) (-)



#48

2-Hexanone

Concen: 3.096 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV010518.D

Acq: 27 Apr 2019 00:12

Tgt Ion: 43 Resp: 16692

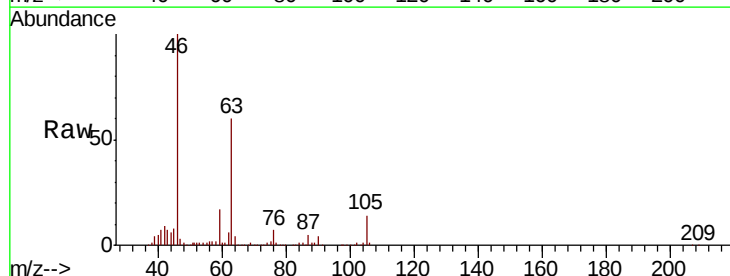
Ion Ratio Lower Upper

43 100

58 30.0 43.1 64.7#

57 31.9 16.3 24.5#

100 1.3 11.8 17.8#

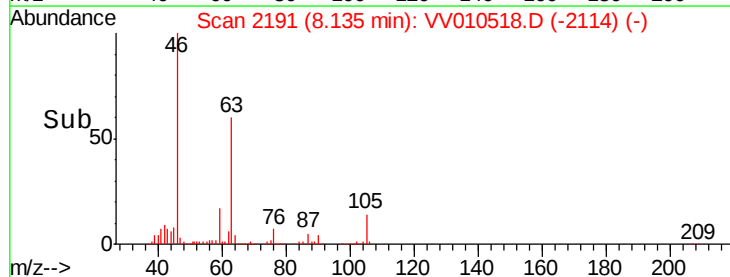
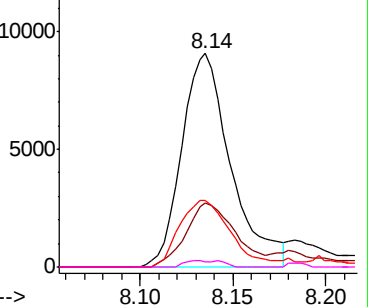


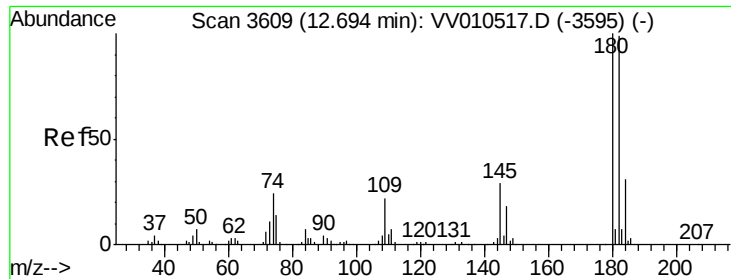
Abundance Ion 43.05 (42.75 to 43.75): VV010517.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV010518.D (-1961) (-)

Ion 57.20 (56.90 to 57.90): VV010518.D (-1961) (-)

Ion 100.15 (99.85 to 100.85): VV010518.D (-1961) (-)

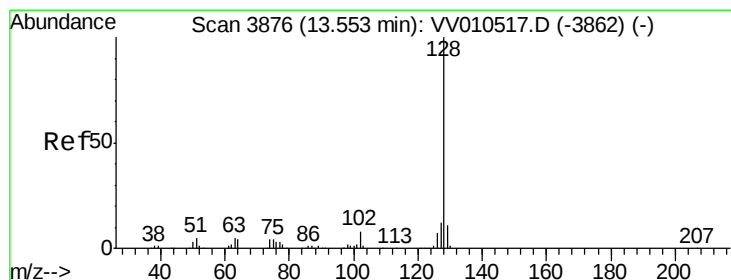
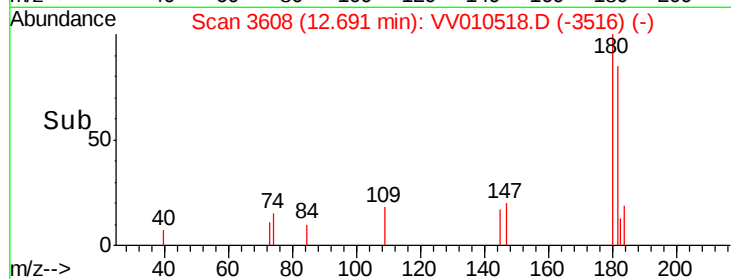
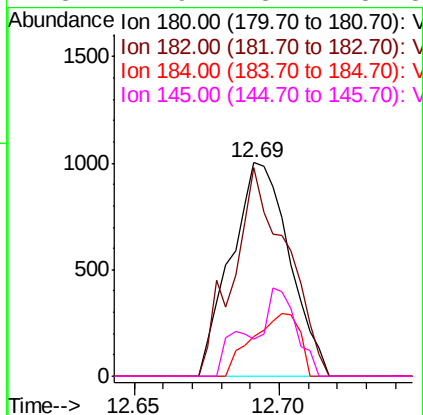
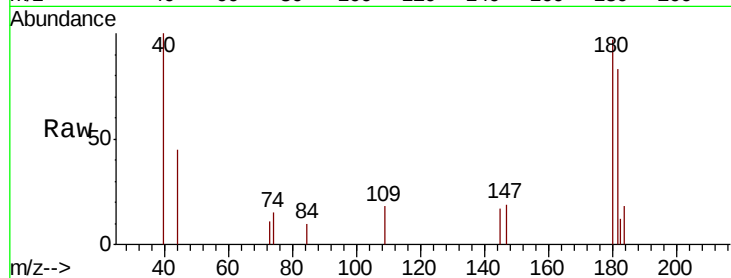




#67
 1,3,5-Trichlorobenzene
 Concen: 0.051 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV010518.D
 Acq: 27 Apr 2019 00:12

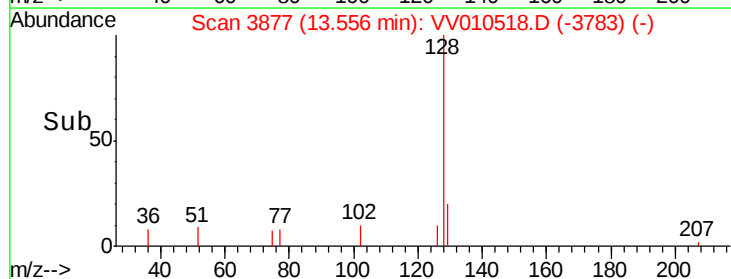
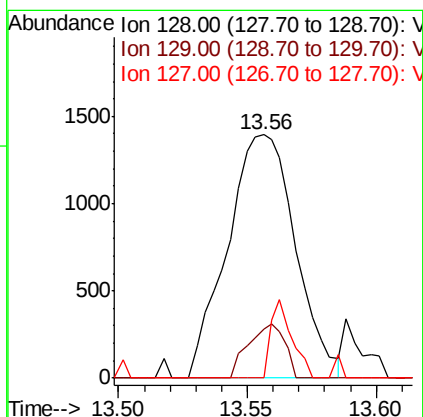
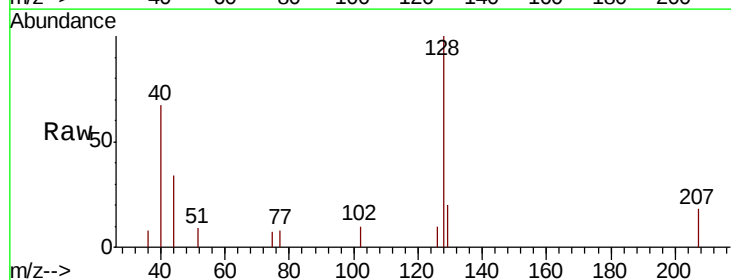
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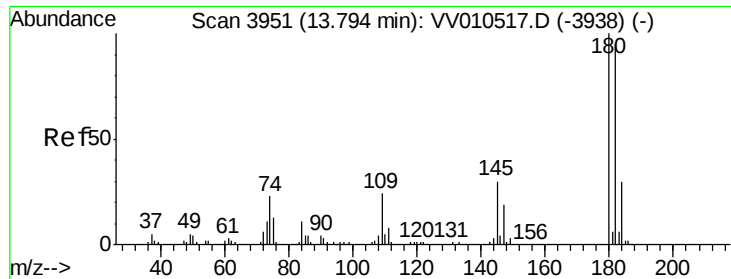
Tgt Ion:180 Resp: 1403
 Ion Ratio Lower Upper
 180 100
 182 90.4 75.4 113.0
 184 23.7 24.6 36.8#
 145 21.9 23.2 34.8#



#69
 Naphthalene
 Concen: 0.083 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: VV010518.D
 Acq: 27 Apr 2019 00:12

Tgt Ion:128 Resp: 2568
 Ion Ratio Lower Upper
 128 100
 129 11.8 8.4 12.6
 127 10.0 10.0 15.0

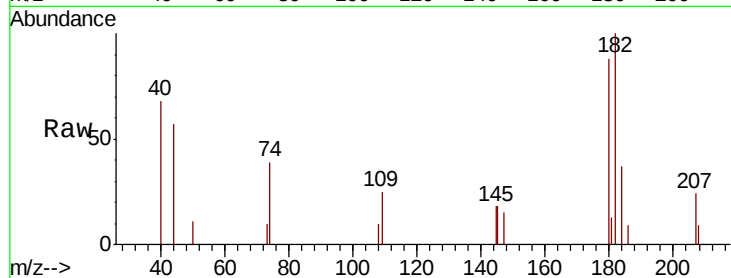




#70
 1,2,3-Trichlorobenzene
 Concen: 0.076 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.00 min
 Lab File: VV010518.D
 Acq: 27 Apr 2019 00:12

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK41

Tgt Ion:180 Resp: 1586
 Ion Ratio Lower Upper
 180 100
 182 116.7 76.0 114.0#
 145 31.8 24.8 37.2



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

