

Data File : VV011805.D
Acq On : 02 Jul 2019 13:49
Operator : SY/MD
Sample : VV0702WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK45

Quant Time: Jul 03 08:31:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	176884	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61449	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	48843	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.13	63	88080	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.97	46	150087	51.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.10%
24) Chloroform-d	4.40	84	113168	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	62994	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	229554	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	70484	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	198382	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	22797	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.14	63	113212	51.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48309	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	68821	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

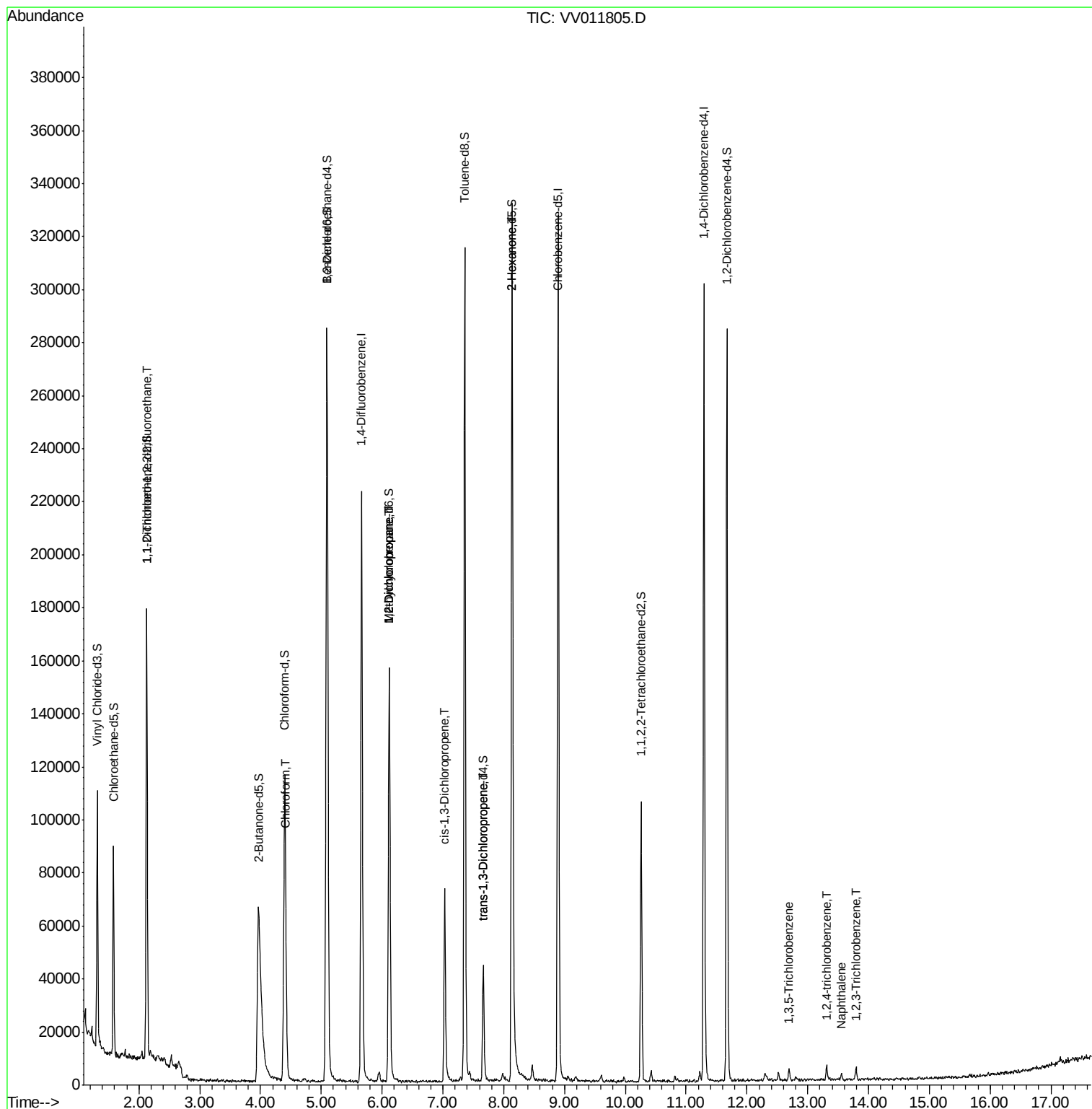
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1113	0.096 ug/L #	29
25) Chloroform	4.42	83	3998	0.155 ug/L	94
35) Methylcyclohexane	6.12	83	17007	0.808 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8646	0.683 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2152	0.127 ug/L #	52
44) trans-1,3-Dichloropropene	7.66	75	1535	0.118 ug/L #	74
48) 2-Hexanone	8.14	43	14966	2.705 ug/L #	68
67) 1,3,5-Trichlorobenzene	12.69	180	1151	0.067 ug/L #	91
68) 1,2,4-trichlorobenzene	13.31	180	1720	0.124 ug/L	96
69) Naphthalene	13.56	128	1764	0.080 ug/L #	92
70) 1,2,3-Trichlorobenzene	13.80	180	1257	0.098 ug/L	97

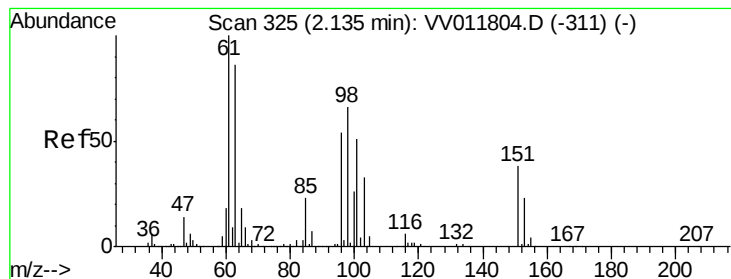
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.096 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV011805.D

Acq: 02 Jul 2019 13:49

Instrument :

MSVOA_V

ClientSampleId :

VBLK45

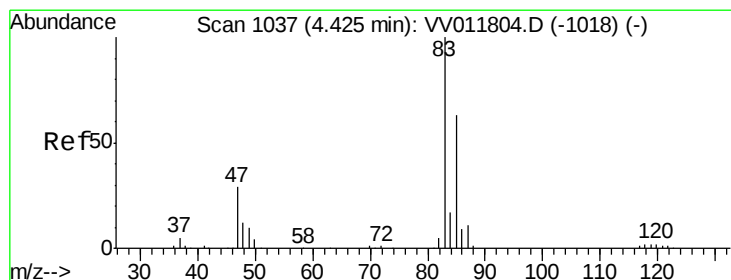
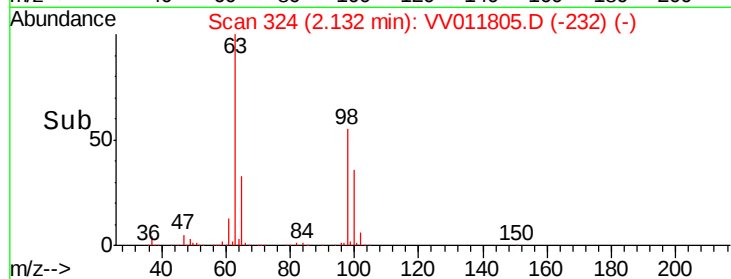
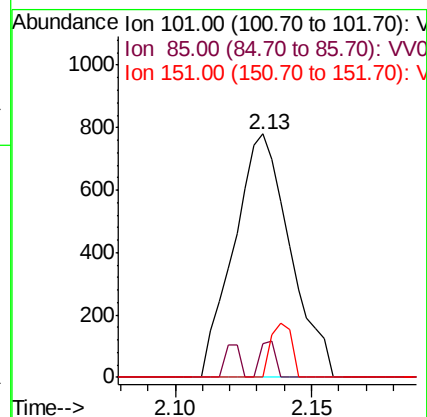
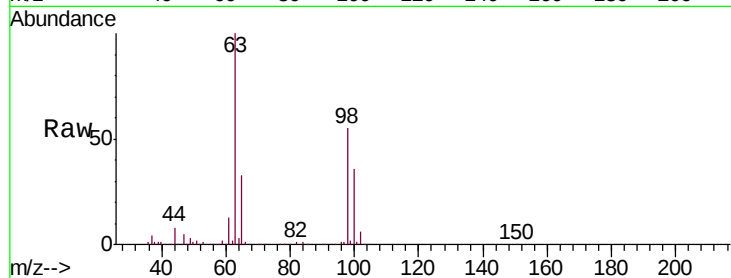
Tgt Ion: 101 Resp: 1113

Ion Ratio Lower Upper

101 100

85 3.9 34.8 52.2#

151 8.0 58.2 87.4#



#25

Chloroform

Concen: 0.155 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV011805.D

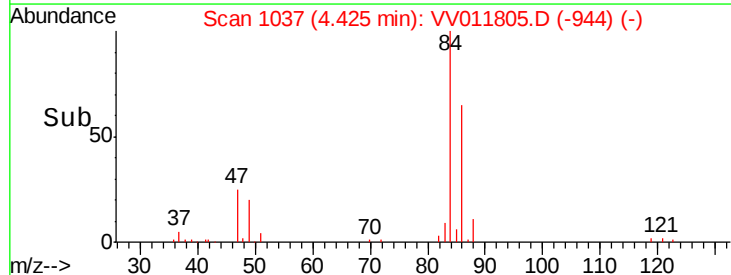
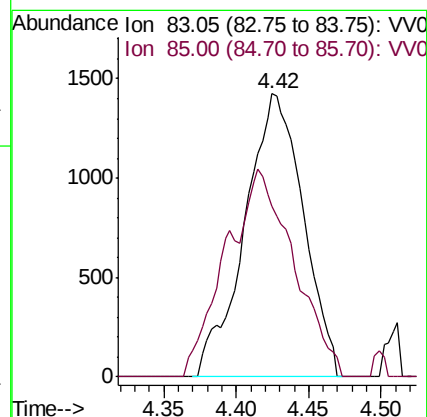
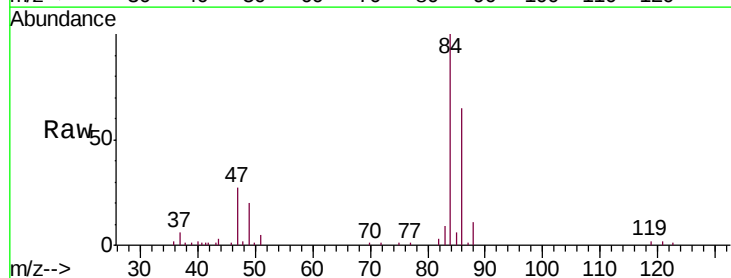
Acq: 02 Jul 2019 13:49

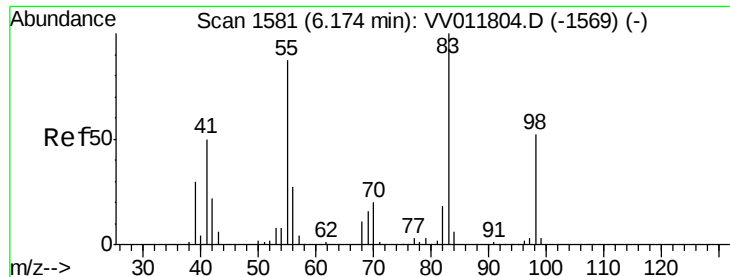
Tgt Ion: 83 Resp: 3998

Ion Ratio Lower Upper

83 100

85 60.5 45.9 85.3

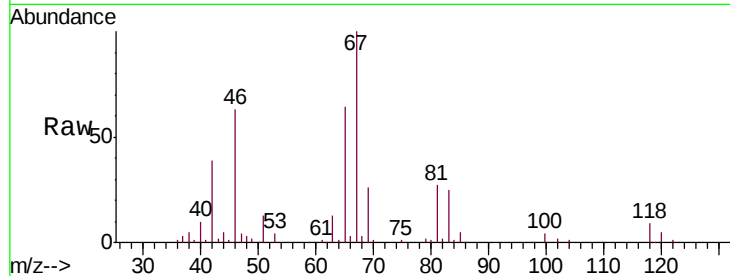




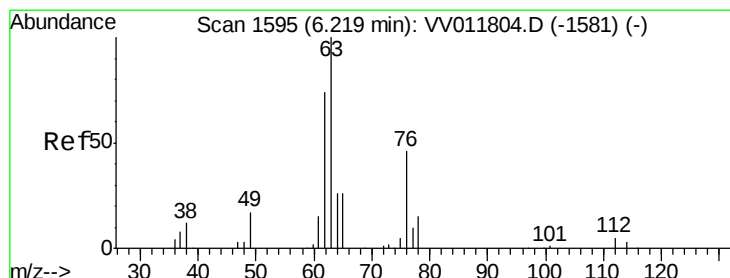
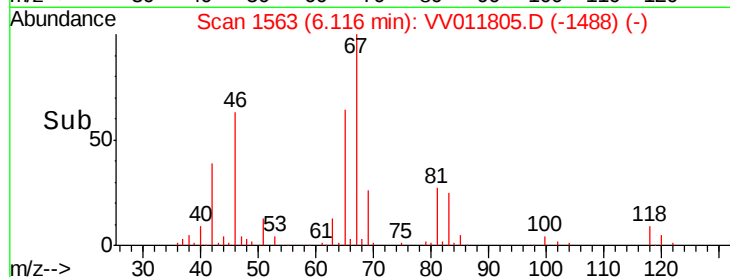
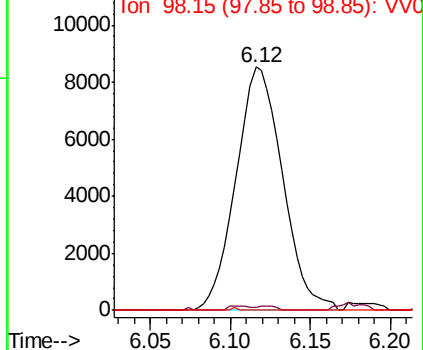
#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011805.D
Acq: 02 Jul 2019 13:49

Instrument :
MSVOA_V
ClientSampled :
VBLK45

Tgt Ion: 83 Resp: 17007
Ion Ratio Lower Upper
83 100
55 0.8 67.8 101.6#
98 0.0 39.8 59.8#

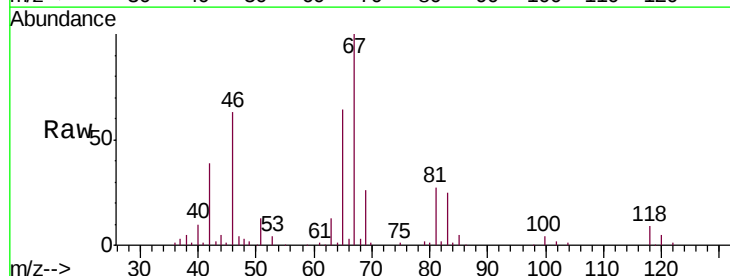


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

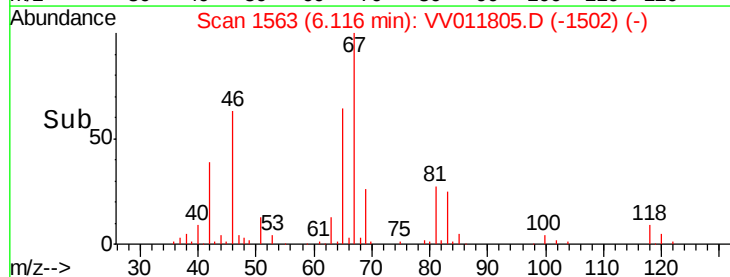
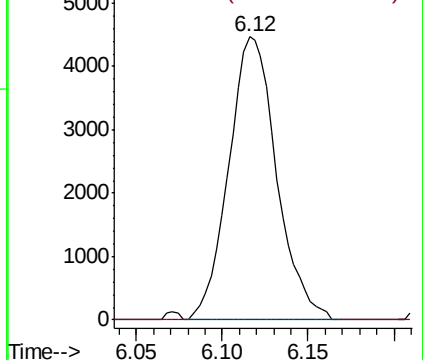


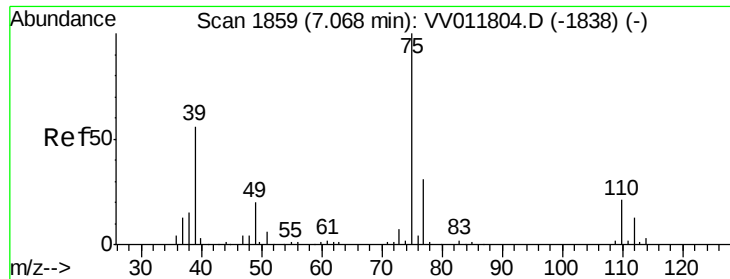
#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011805.D
Acq: 02 Jul 2019 13:49

Tgt Ion: 63 Resp: 8646
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011805.D

Acq: 02 Jul 2019 13:49

Instrument :

MSVOA_V

ClientSampleId :

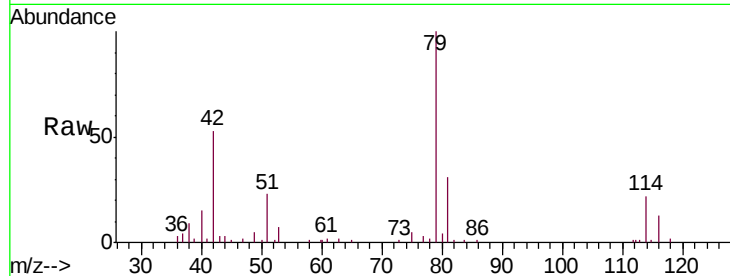
VBLK45

Tgt Ion: 75 Resp: 2152

Ion Ratio Lower Upper

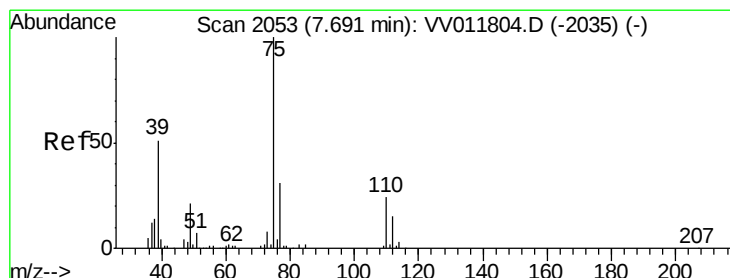
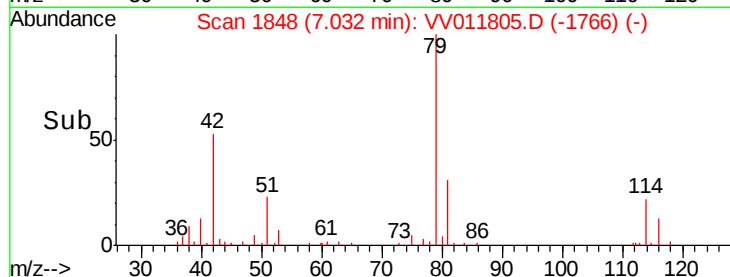
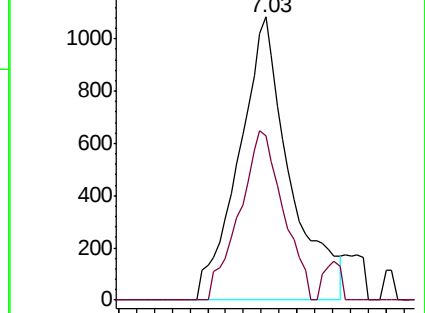
75 100

77 57.9 22.0 40.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011805.D

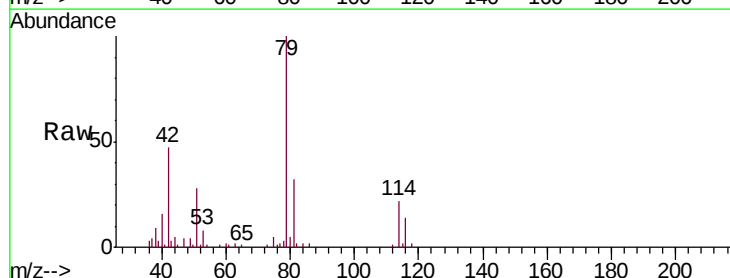
Acq: 02 Jul 2019 13:49

Tgt Ion: 75 Resp: 1535

Ion Ratio Lower Upper

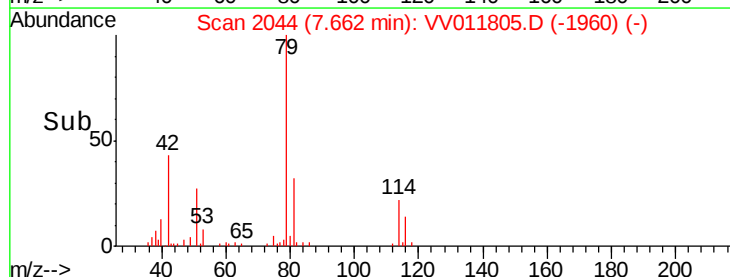
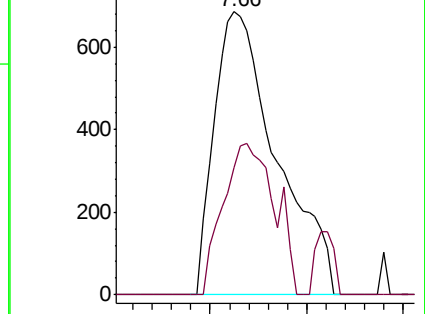
75 100

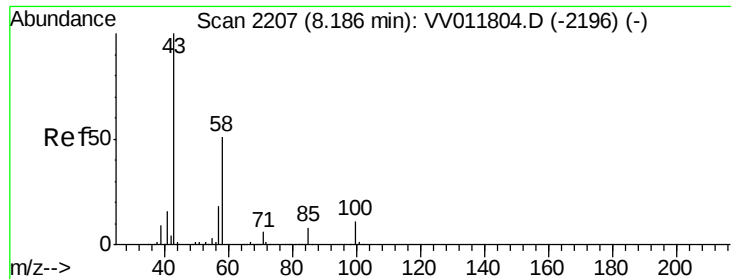
77 45.0 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

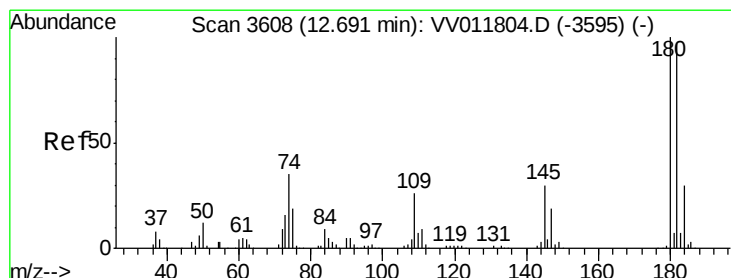
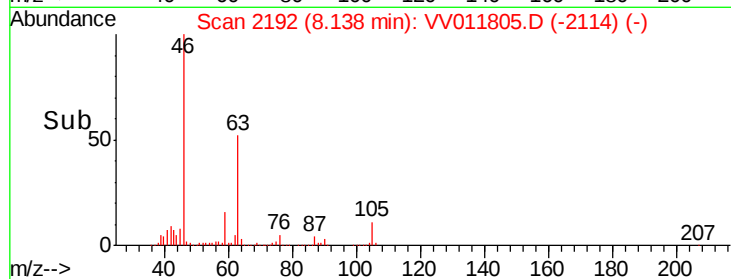
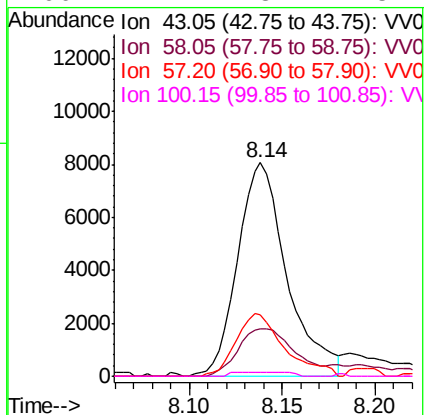
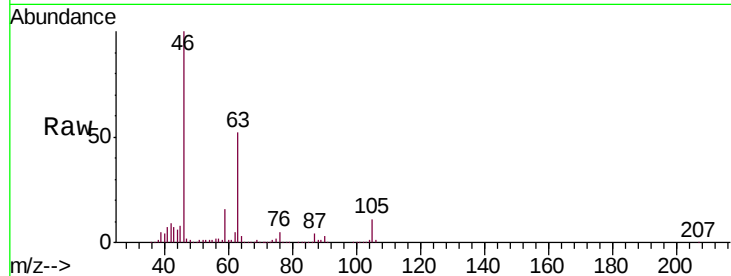




#48
 2-Hexanone
 Concen: 2.705 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011805.D
 Acq: 02 Jul 2019 13:49

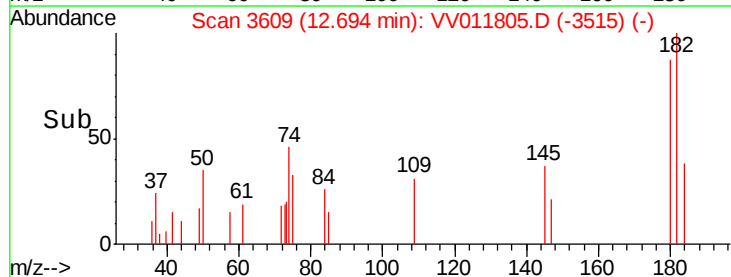
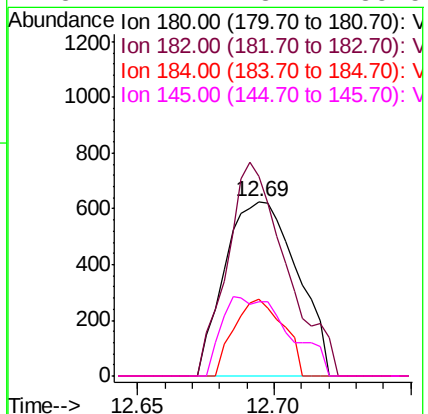
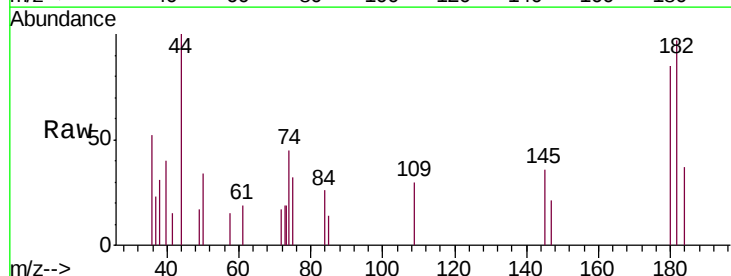
Instrument :
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 ClientSampleId :
 VBLK45

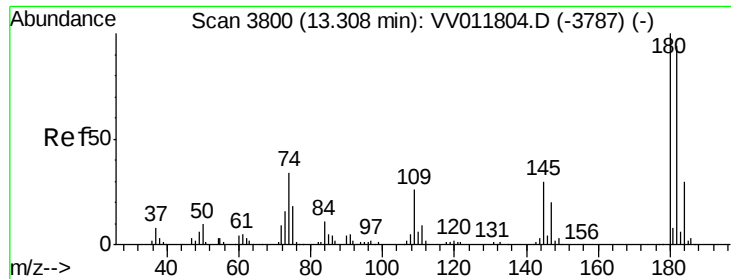
Tgt Ion:	43	Resp:	14966
Ion	Ratio	Lower	Upper
43	100		
58	25.4	40.9	61.3#
57	28.5	14.3	21.5#
100	2.2	8.7	13.1#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.067 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV011805.D
 Acq: 02 Jul 2019 13:49

Tgt Ion:	180	Resp:	1151
Ion	Ratio	Lower	Upper
180	100		
182	100.3	75.3	112.9
184	30.1	24.2	36.4
145	42.2	23.7	35.5#

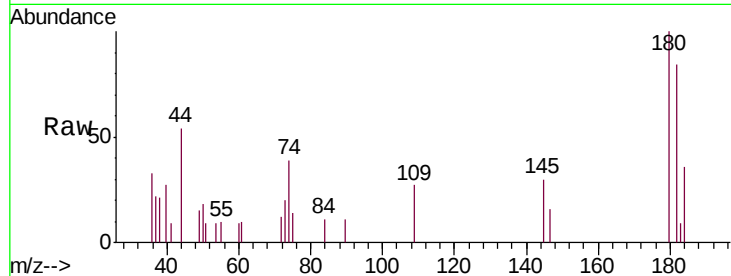




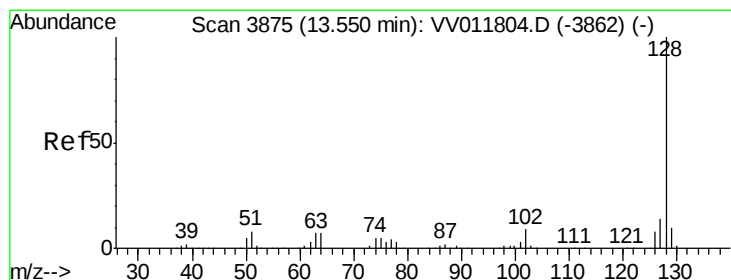
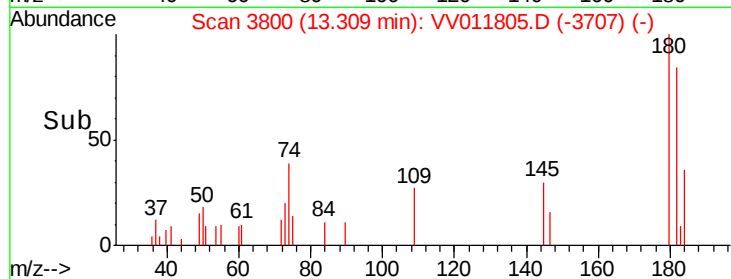
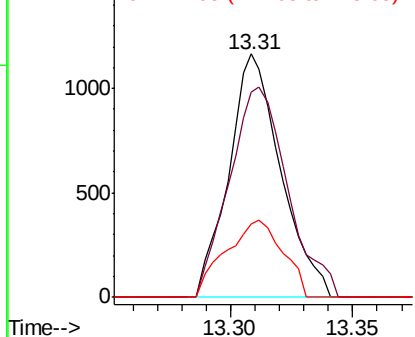
#68
 1,2,4-trichlorobenzene
 Concen: 0.124 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV011805.D
 Acq: 02 Jul 2019 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK45

Tgt Ion:180 Resp: 1720
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.2 112.8
 145 34.9 24.5 36.7

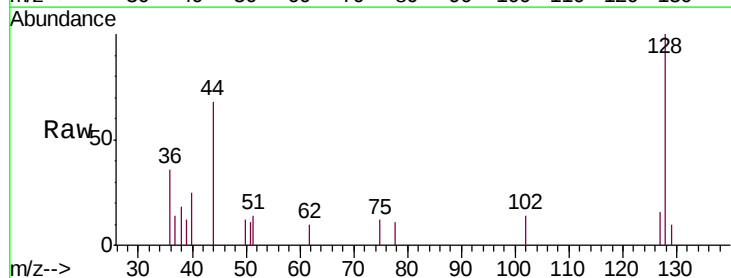


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

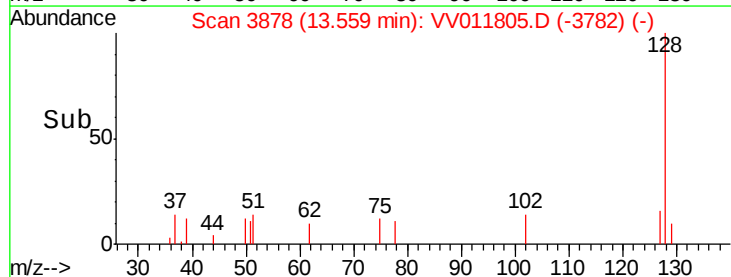
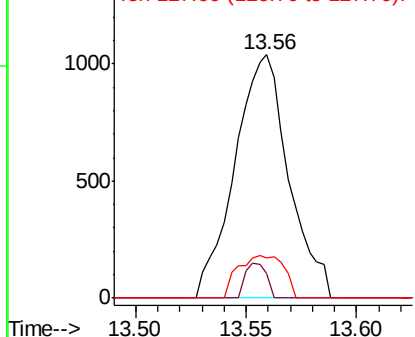


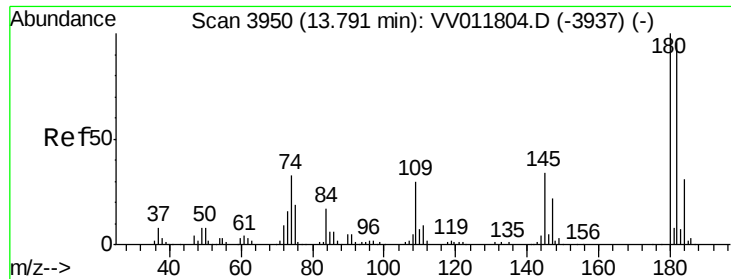
#69
 Naphthalene
 Concen: 0.080 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV011805.D
 Acq: 02 Jul 2019 13:49

Tgt Ion:128 Resp: 1764
 Ion Ratio Lower Upper
 128 100
 129 5.7 8.7 13.1#
 127 14.7 10.6 16.0



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

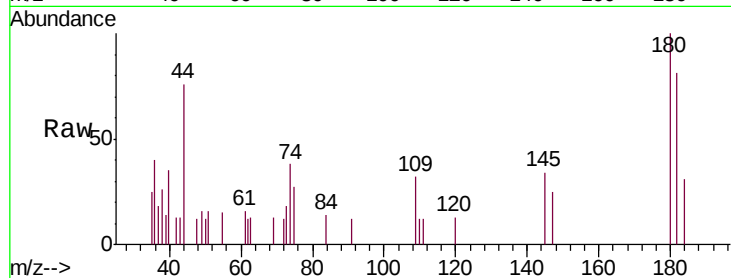




#70
 1,2,3-Trichlorobenzene
 Concen: 0.098 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.01 min
 Lab File: VV011805.D
 Acq: 02 Jul 2019 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK45

Tgt Ion:180 Resp: 1257
 Ion Ratio Lower Upper
 180 100
 182 91.8 74.7 112.1
 145 36.9 26.2 39.4



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

