

Data File : VV013733.D
Acq On : 22 Nov 2019 14:56
Operator : SY/MD
Sample : VV1122WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK60

Quant Time: Nov 23 01:37:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	382251	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	173683	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122552	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.58	69	107327	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.13	63	161491	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.96	46	253758	51.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.40	84	235828	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	119803	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.09	84	489823	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.11	67	147509	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	427477	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.66	79	53073	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	193753	47.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98242	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	171609	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

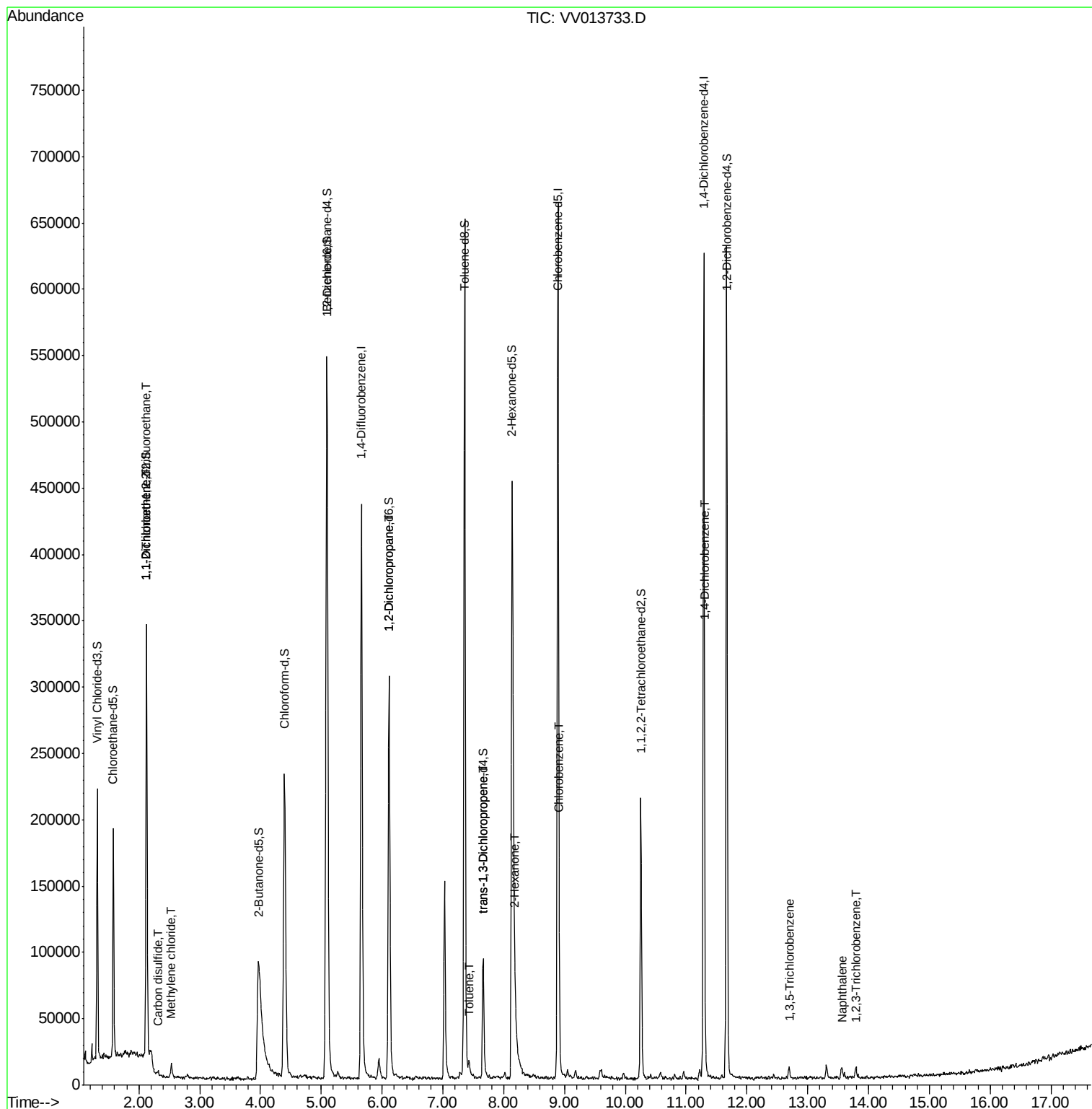
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2452	0.116	ug/L #	38
12) 1,1-Dichloroethene	2.13	96	2178	0.119	ug/L #	1
14) Carbon disulfide	2.32	76	2749	0.065	ug/L #	87
16) Methylene chloride	2.53	84	3925	0.156	ug/L	95
37) 1,2-Dichloropropane	6.12	63	16834	0.720	ug/L #	84
42) Toluene	7.43	91	6257	0.064	ug/L	92
44) trans-1,3-Dichloropropene	7.66	75	3221	0.124	ug/L	83
48) 2-Hexanone	8.19	43	19811	2.035	ug/L #	68
51) Chlorobenzene	8.92	112	3592	0.053	ug/L #	71
63) 1,4-Dichlorobenzene	11.31	146	3822	0.074	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	2857	0.067	ug/L #	89
69) Naphthalene	13.55	128	4982	0.105	ug/L #	76
70) 1,2,3-Trichlorobenzene	13.79	180	2979	0.094	ug/L	95

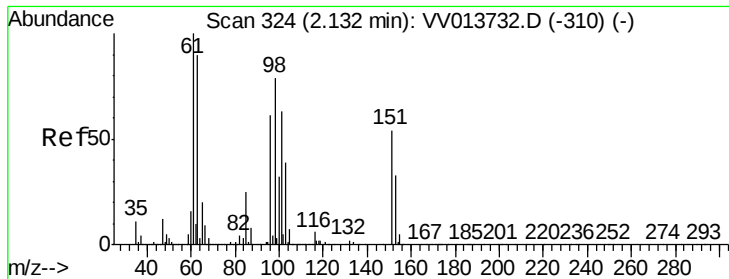
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.116 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

Instrument :

MSVOA_V

ClientSampleId :

VBLK60

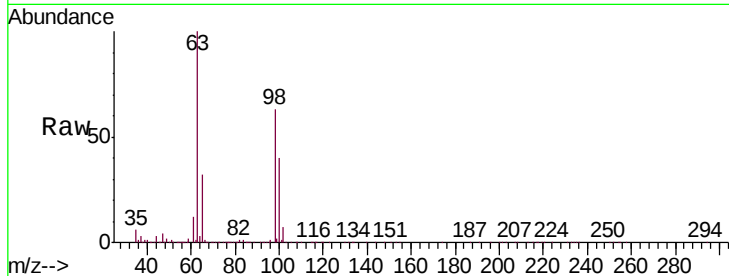
Tgt Ion: 101 Resp: 2452

Ion Ratio Lower Upper

101 100

85 18.8 33.4 50.0#

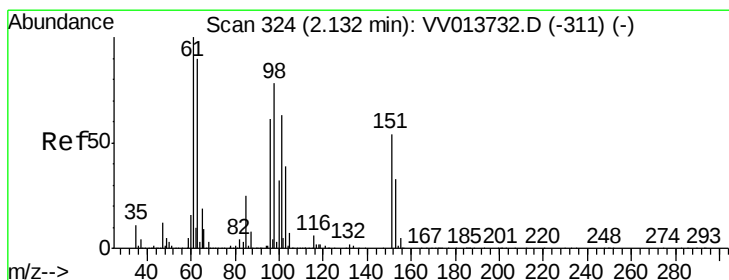
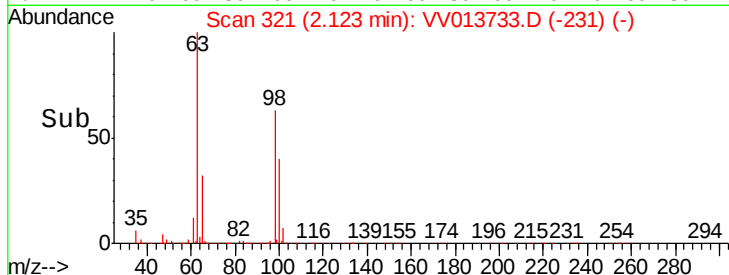
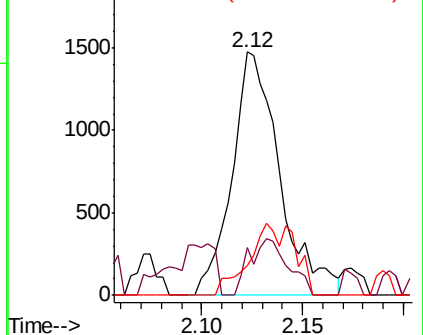
151 18.6 69.4 104.0#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.119 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

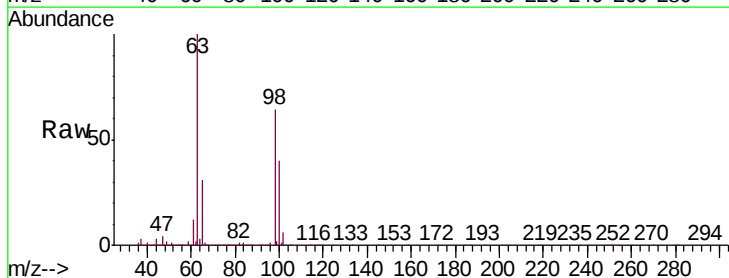
Tgt Ion: 96 Resp: 2178

Ion Ratio Lower Upper

96 100

61 1093.5 116.3 215.9#

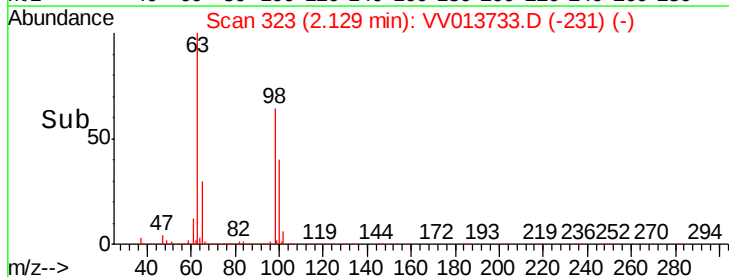
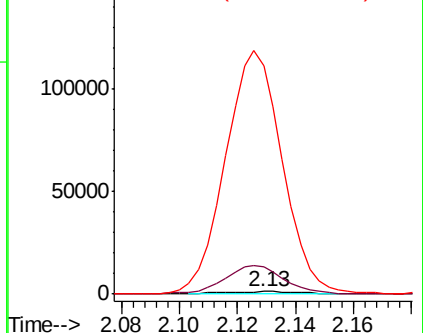
63 9353.3 96.7 179.7#

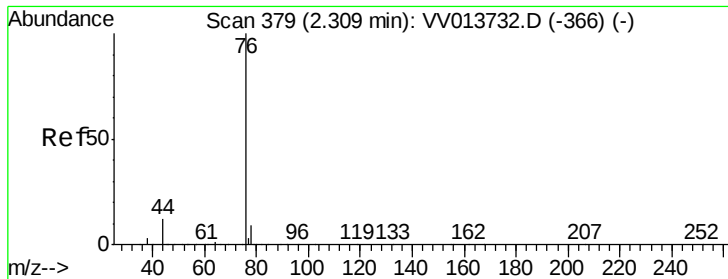


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.065 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

Instrument :

MSVOA_V

ClientSampleId :

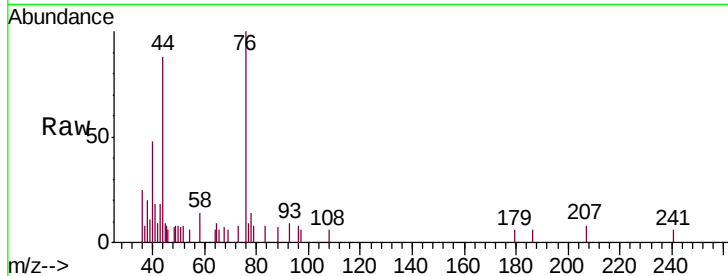
VBLK60

Tgt Ion: 76 Resp: 2749

Ion Ratio Lower Upper

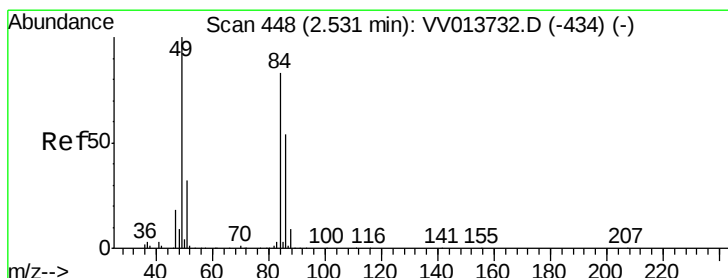
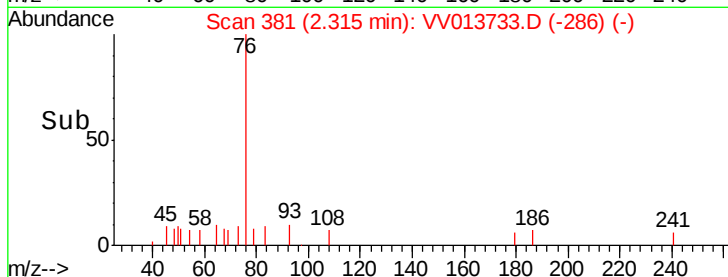
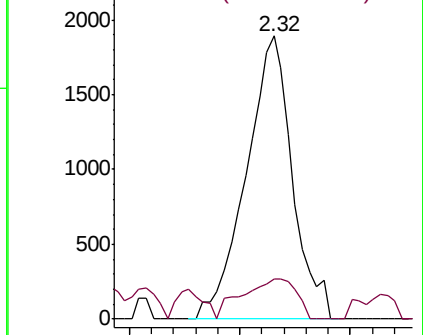
76 100

78 14.1 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.156 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

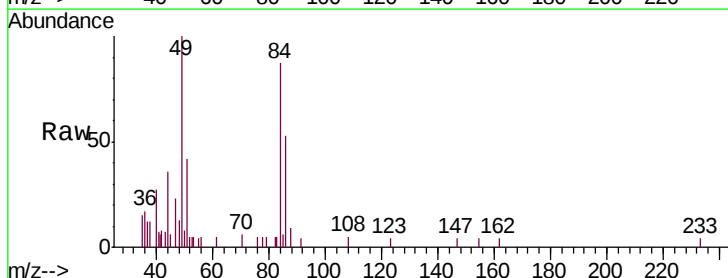
Tgt Ion: 84 Resp: 3925

Ion Ratio Lower Upper

84 100

86 61.1 44.0 81.6

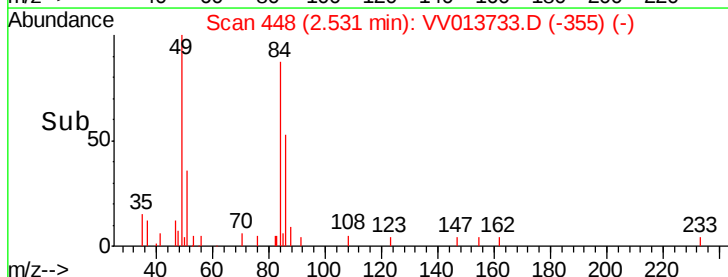
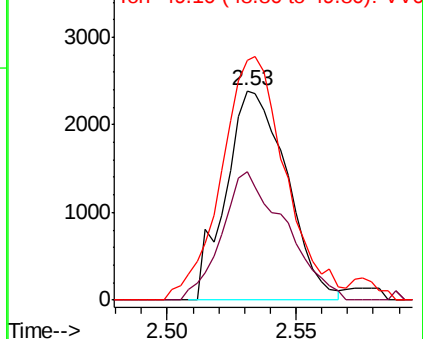
49 123.3 81.5 151.5

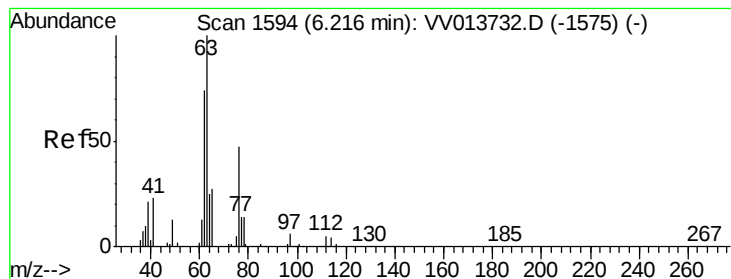


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#37

1,2-Dichloropropane

Concen: 0.720 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

Instrument :

MSVOA_V

ClientSampleId :

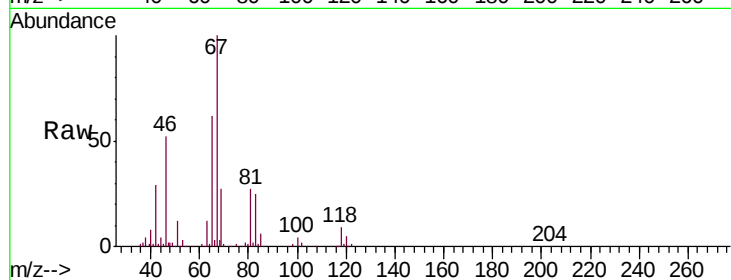
VBLK60

Tgt Ion: 63 Resp: 16834

Ion Ratio Lower Upper

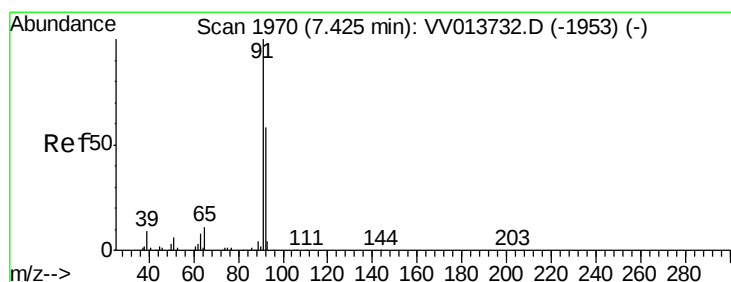
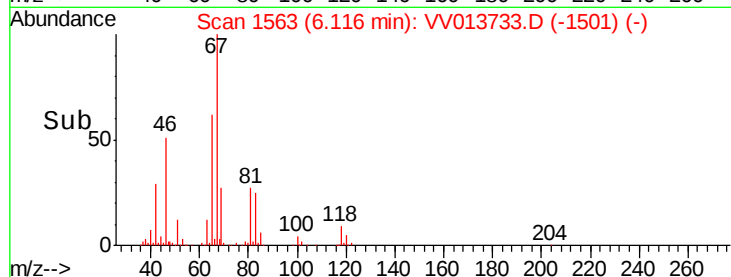
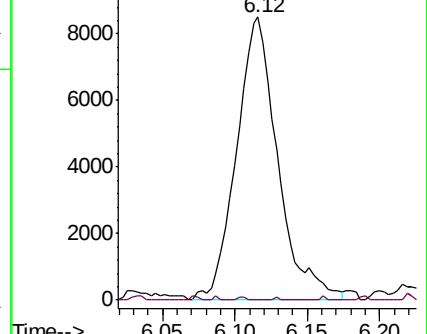
63 100

112 0.1 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV013733.D (-1563) (-)

Ion 112.10 (111.80 to 112.80): VV013733.D (-1563) (-)



#42

Toluene

Concen: 0.064 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013733.D

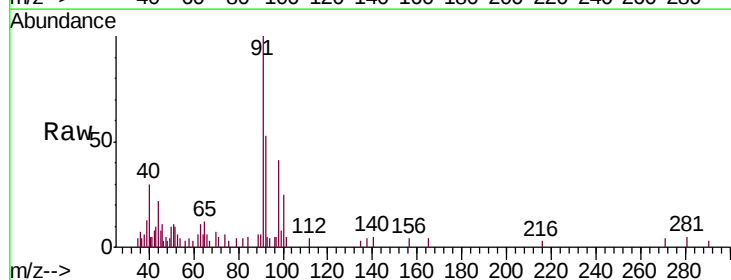
Acq: 22 Nov 2019 14:56

Tgt Ion: 91 Resp: 6257

Ion Ratio Lower Upper

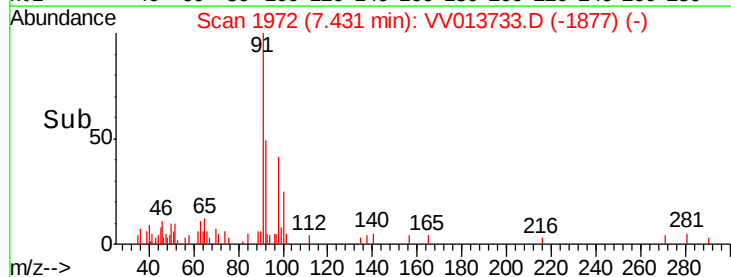
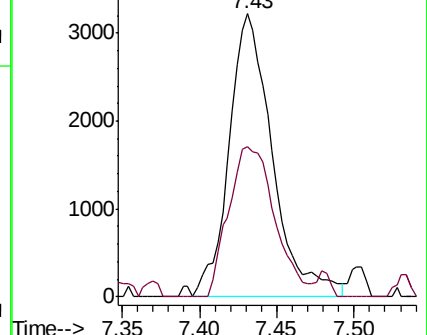
91 100

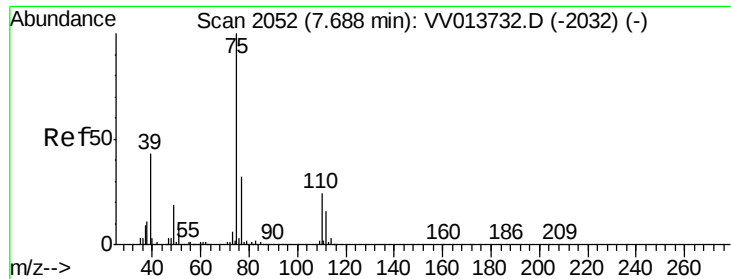
92 52.9 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV013733.D (-1877) (-)

Ion 92.15 (91.85 to 92.85): VV013733.D (-1877) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

Instrument :

MSVOA_V

ClientSampleId :

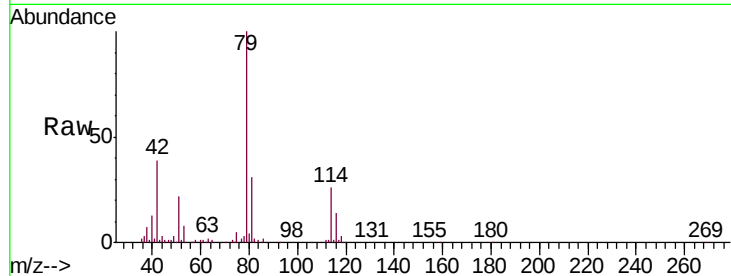
VBLK60

Tgt Ion: 75 Resp: 3221

Ion Ratio Lower Upper

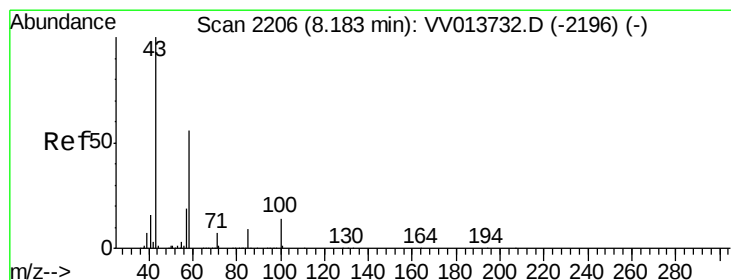
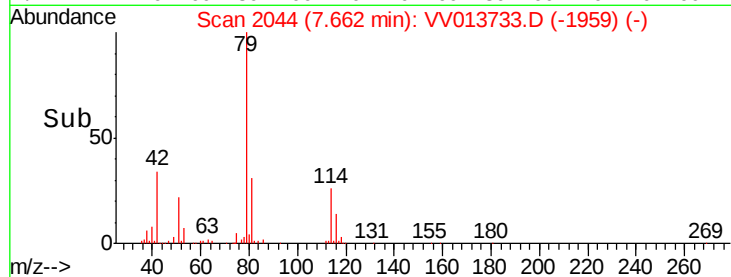
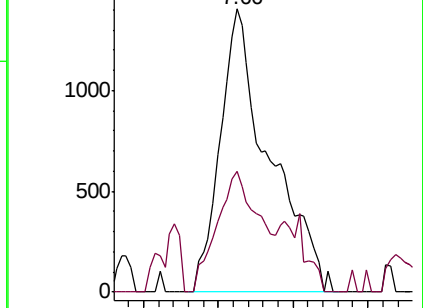
75 100

77 42.6 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.035 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

Tgt Ion: 43 Resp: 19811

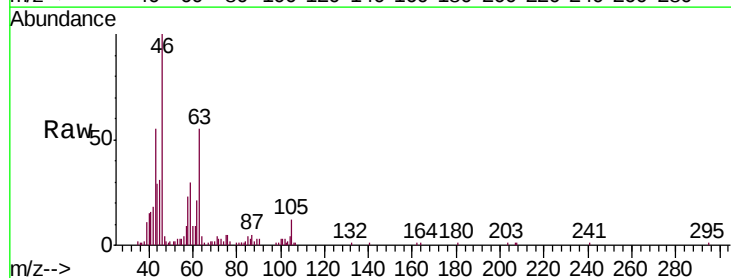
Ion Ratio Lower Upper

43 100

58 32.1 43.2 64.8#

57 0.0 15.4 23.2#

100 3.7 10.4 15.6#

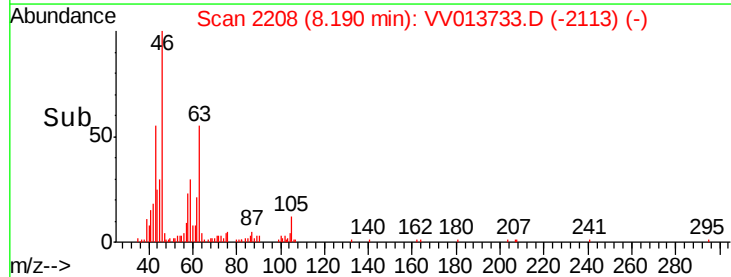
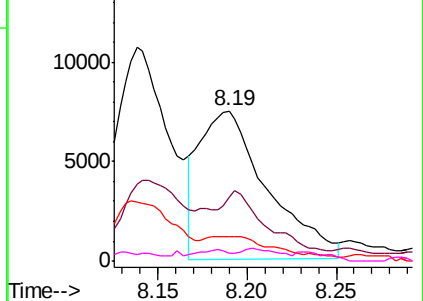


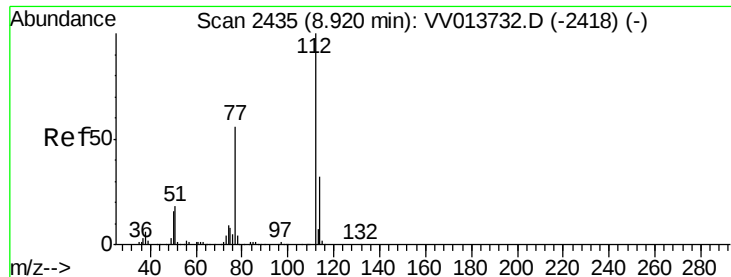
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#51

Chlorobenzene

Concen: 0.053 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

Instrument :

MSVOA_V

ClientSampleId :

VBLK60

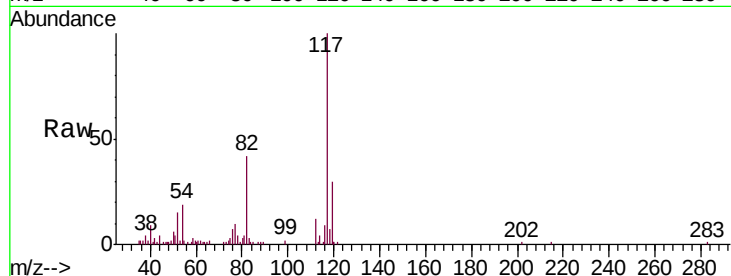
Tgt Ion:112 Resp: 3592

Ion Ratio Lower Upper

112 100

114 34.5 21.8 40.6

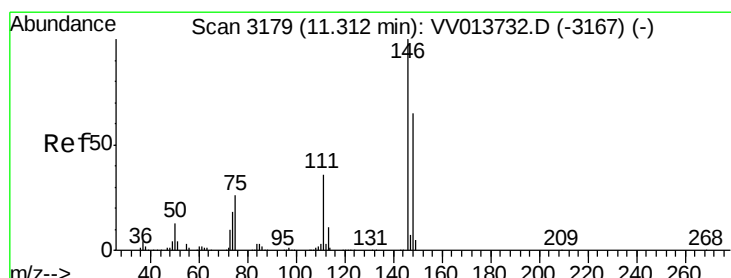
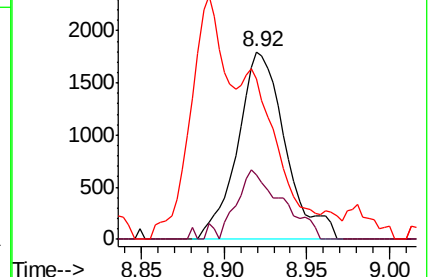
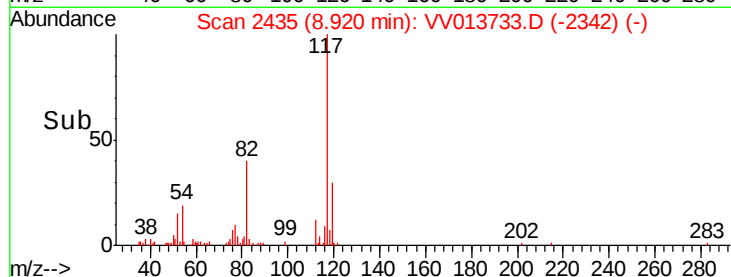
77 85.4 44.2 66.4#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#63

1,4-Dichlorobenzene

Concen: 0.074 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. 0.00 min

Lab File: VV013733.D

Acq: 22 Nov 2019 14:56

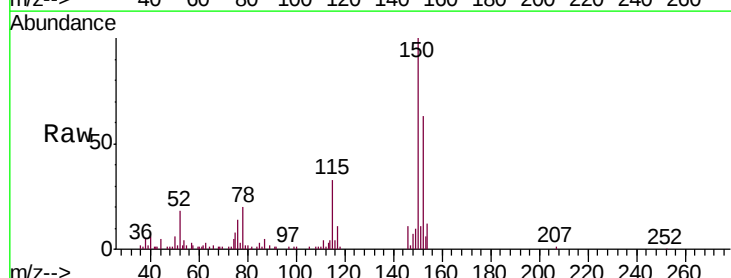
Tgt Ion:146 Resp: 3822

Ion Ratio Lower Upper

146 100

111 37.0 25.0 46.4

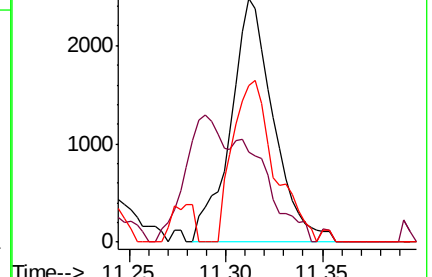
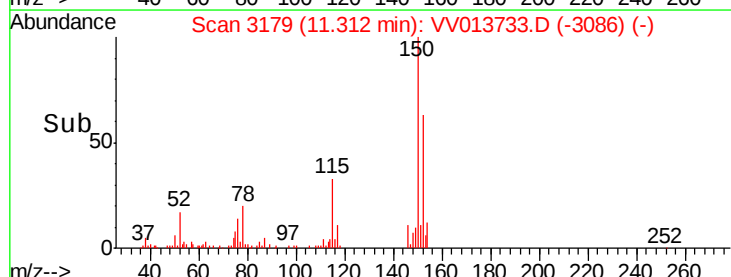
148 64.2 45.4 84.2

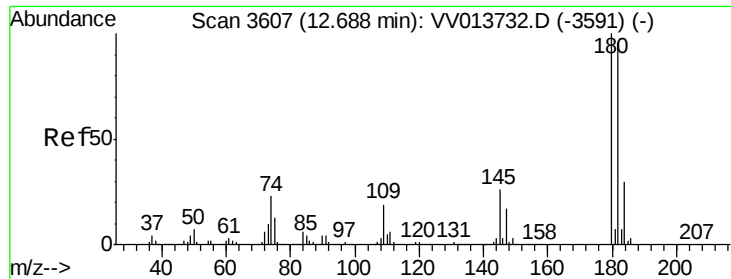


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

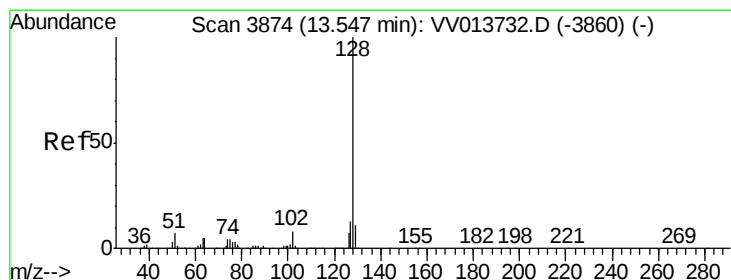
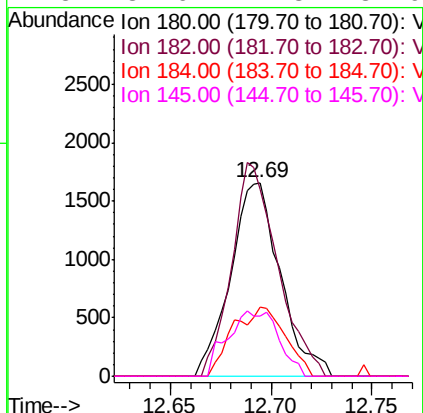
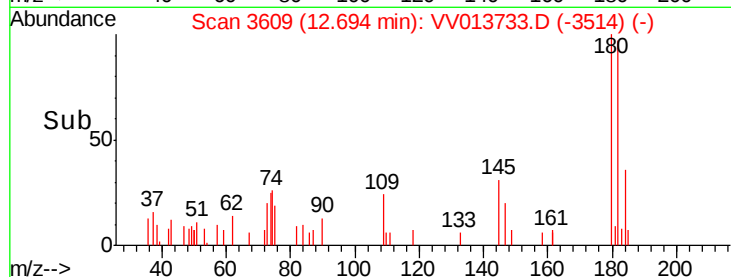
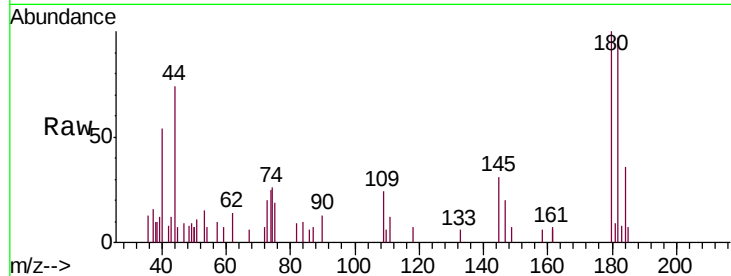




#67
 1,3,5-Trichlorobenzene
 Concen: 0.067 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.01 min
 Lab File: VV013733.D
 Acq: 22 Nov 2019 14:56

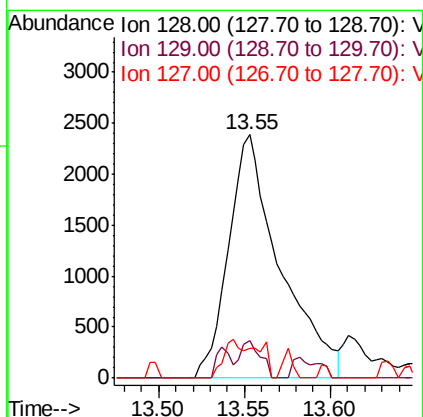
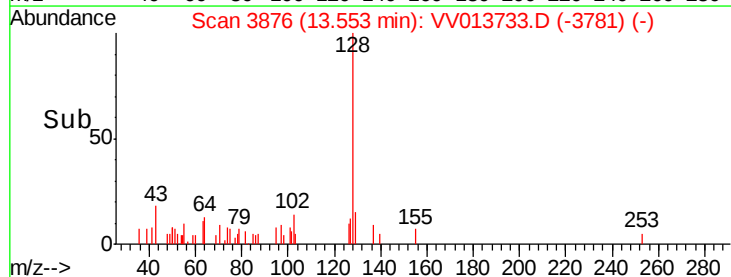
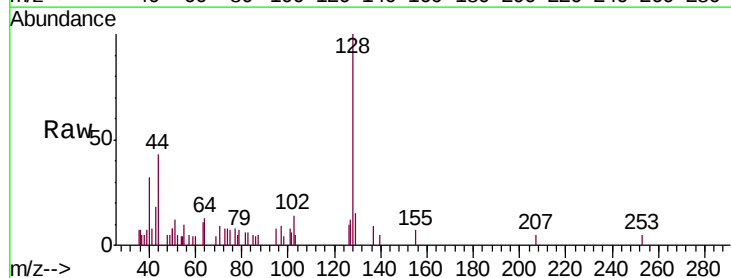
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK60

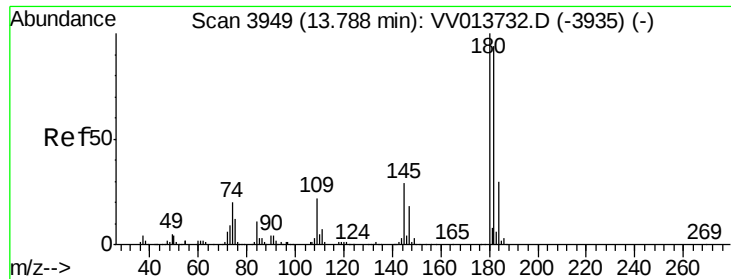
Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.6	74.8	112.2
184	37.5	23.2	34.8
145	34.6	21.3	31.9



#69
 Naphthalene
 Concen: 0.105 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.01 min
 Lab File: VV013733.D
 Acq: 22 Nov 2019 14:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	5.9	8.6	12.8
127	0.0	10.6	16.0





#70
 1,2,3-Trichlorobenzene
 Concen: 0.094 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013733.D
 Acq: 22 Nov 2019 14:56

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK60

Tgt Ion:180 Resp: 2979
 Ion Ratio Lower Upper
 180 100
 182 94.3 78.5 117.7
 145 25.0 23.8 35.8

