

Data File : VV013452.D
Acq On : 31 Oct 2019 18:13
Operator : SY/MD
Sample : VV1031WBL01
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK45

Quant Time: Nov 01 05:35:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 05:32:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	363494	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	375694	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	201338	5.00	ug/L	0.00

System Monitoring Compounds

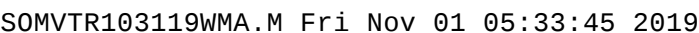
4) Vinyl Chloride-d3	1.32	65	129371	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	107868	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	171895	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.95	46	325698	39.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.48%
24) Chloroform-d	4.40	84	294745	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.08	65	158912	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	608453	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.11	67	184087	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	496659	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	67055	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.13	63	221050	38.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	127707	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	203246	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

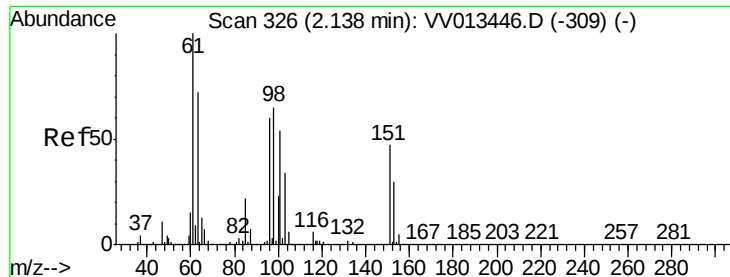
Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2097	0.077	ug/L #	36
12) 1,1-Dichloroethene	2.13	96	2351	0.092	ug/L #	1
14) Carbon disulfide	2.31	76	3654	0.046	ug/L #	31
16) Methylene chloride	2.53	84	6999	0.181	ug/L	91
25) Chloroform	4.42	83	17813	0.261	ug/L	89
35) Methylcyclohexane	6.12	83	42658	0.758	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	20879	0.624	ug/L #	90
44) trans-1,3-Dichloropropene	7.66	75	3619	0.099	ug/L #	73
48) 2-Hexanone	8.18	43	32188	2.085	ug/L #	82
63) 1,4-Dichlorobenzene	11.32	146	3960	0.060	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	3541	0.068	ug/L #	25

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

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013452.D

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Instrument :

MSVOA_V

ClientSampleId :

VBLK45

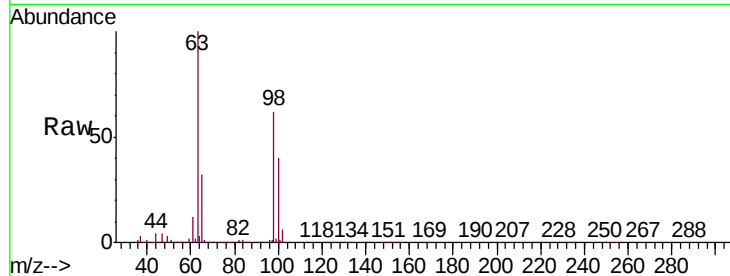
Tgt Ion:101 Resp: 2097

Ion Ratio Lower Upper

101 100

85 14.3 33.1 49.7#

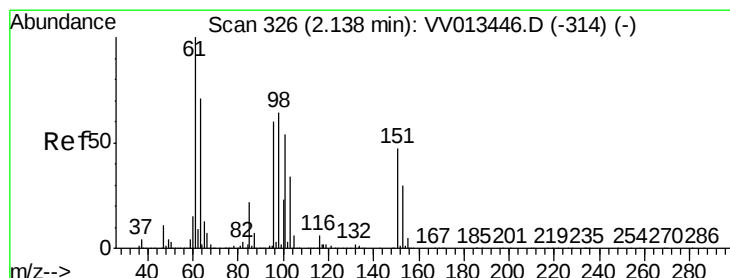
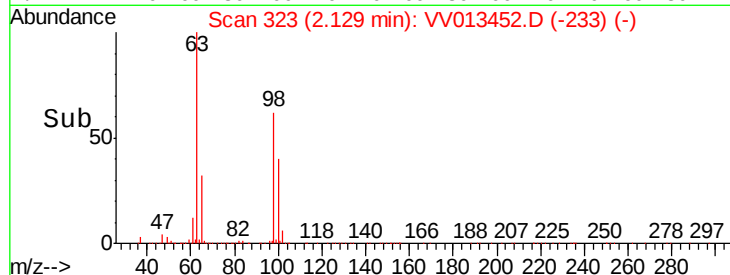
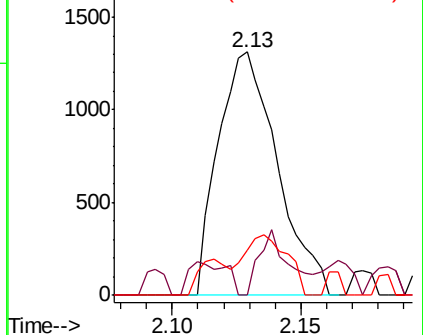
151 18.3 68.8 103.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013452.D

Acq: 31 Oct 2019 18:13

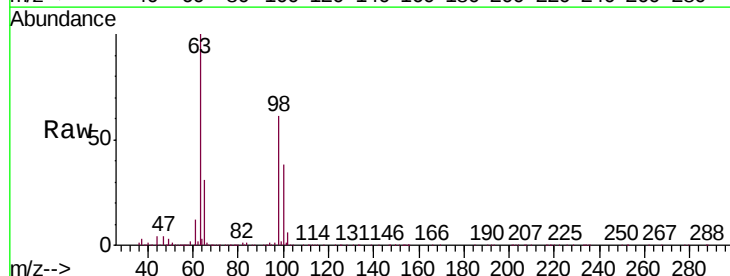
Tgt Ion: 96 Resp: 2351

Ion Ratio Lower Upper

96 100

61 1241.1 117.1 217.5#

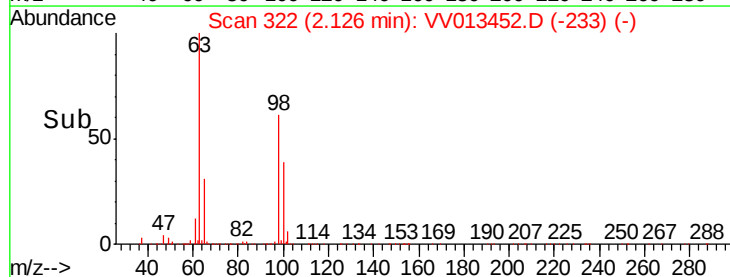
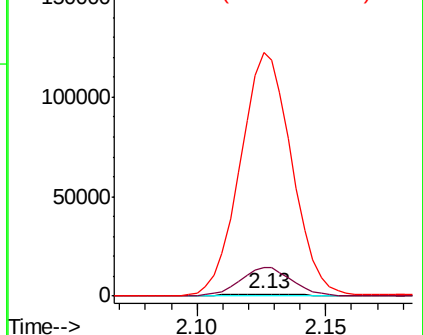
63 10470.5 84.1 156.3#

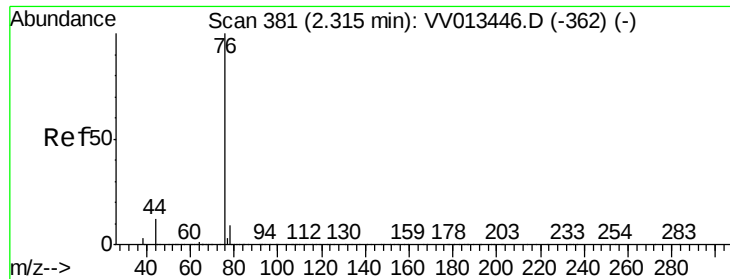


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV013452.D

Acq: 31 Oct 2019 18:13

Instrument :

MSVOA_V

ClientSampled :

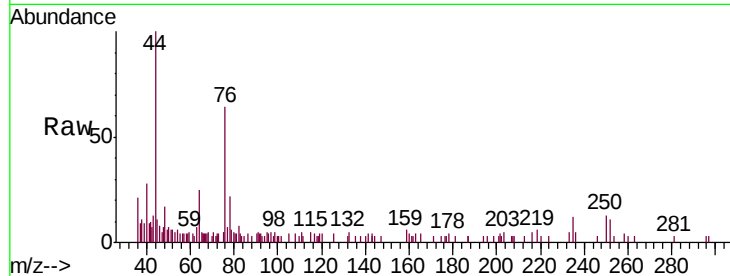
VBLK45

Tgt Ion: 76 Resp: 3654

Ion Ratio Lower Upper

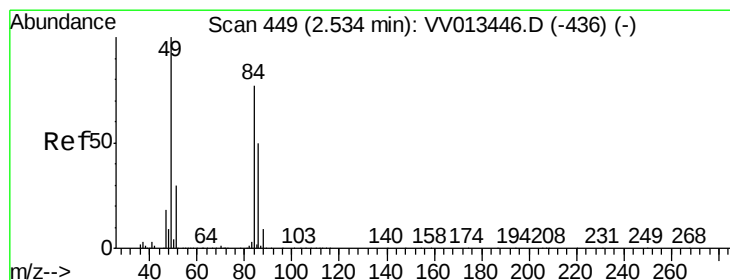
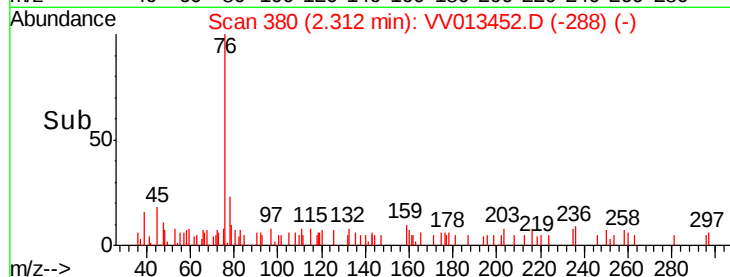
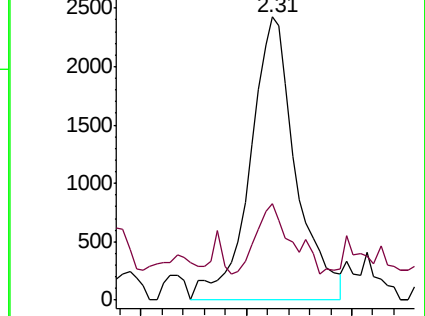
76 100

78 34.2 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.181 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013452.D

Acq: 31 Oct 2019 18:13

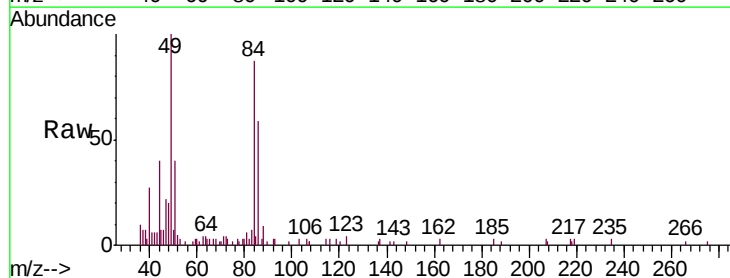
Tgt Ion: 84 Resp: 6999

Ion Ratio Lower Upper

84 100

86 67.7 45.3 84.1

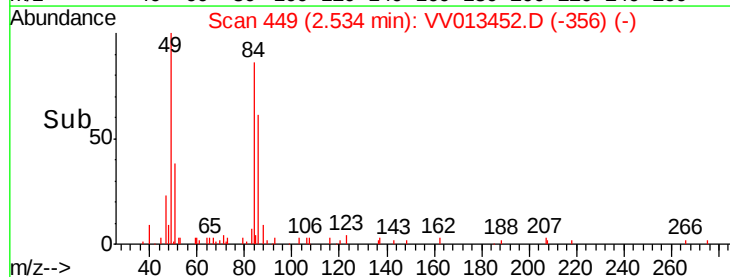
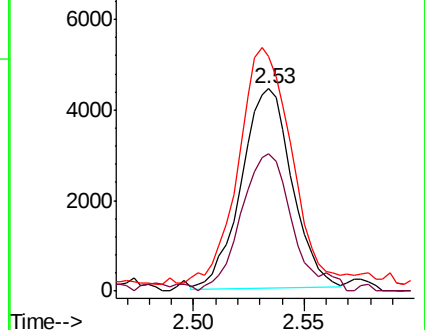
49 115.5 90.4 168.0

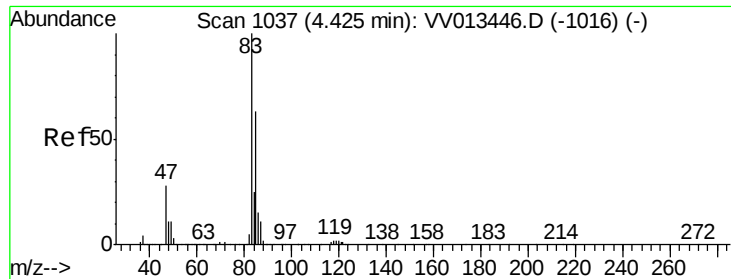


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.261 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013452.D

Acq: 31 Oct 2019 18:13

Instrument :

MSVOA_V

ClientSampleId :

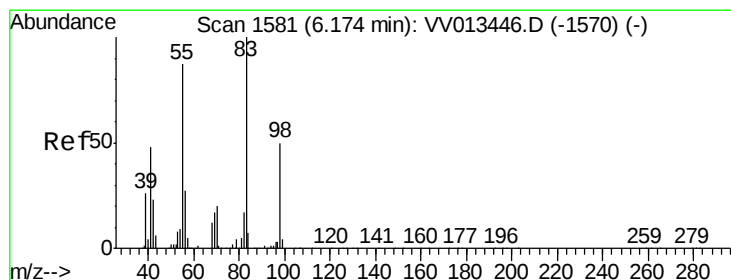
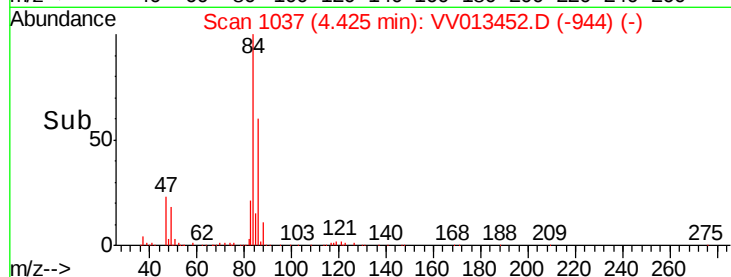
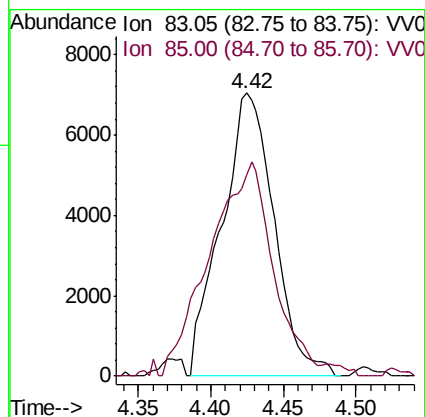
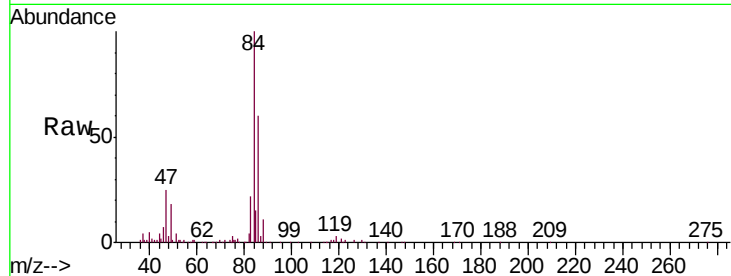
VBLK45

Tgt Ion: 83 Resp: 17813

Ion Ratio Lower Upper

83 100

85 71.2 44.1 81.9



#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV013452.D

Acq: 31 Oct 2019 18:13

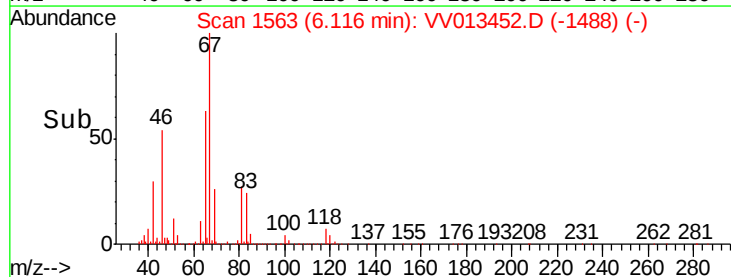
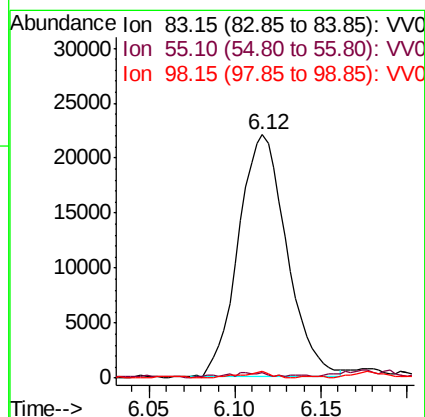
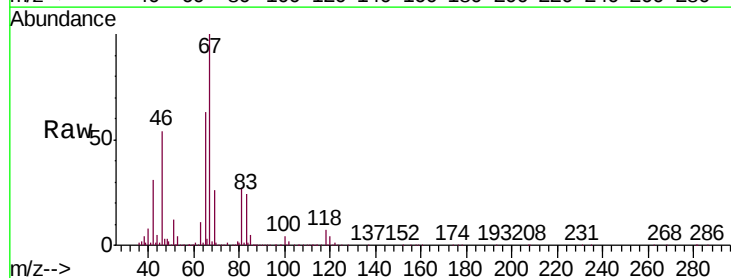
Tgt Ion: 83 Resp: 42658

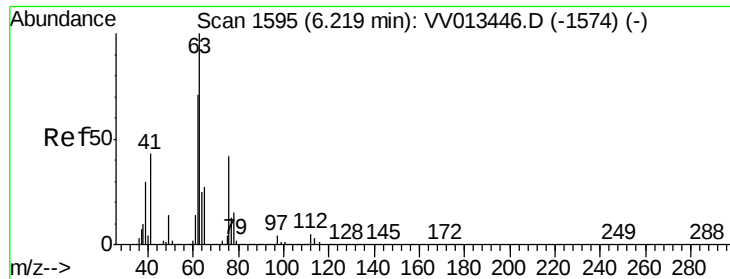
Ion Ratio Lower Upper

83 100

55 2.0 64.6 96.8#

98 1.7 39.1 58.7#

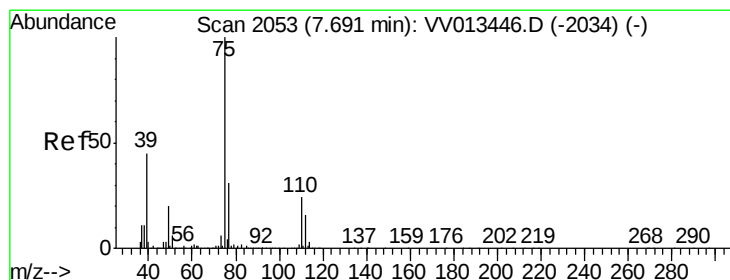
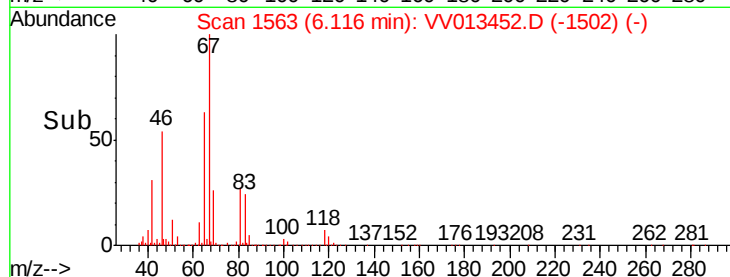
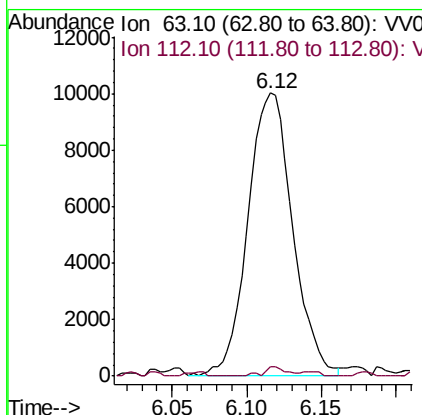
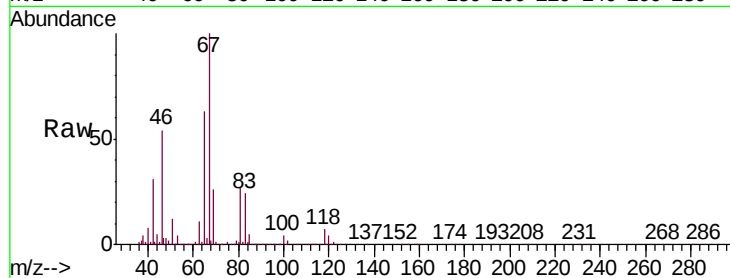




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013452.D
 Acq: 31 Oct 2019 18:13

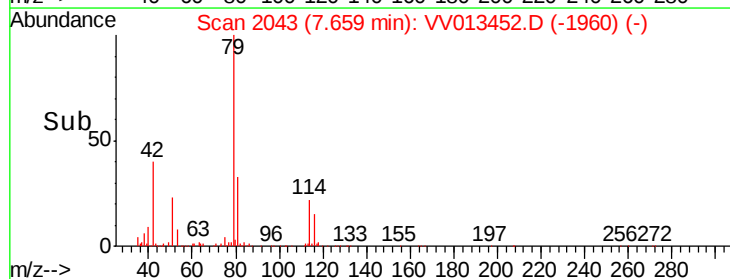
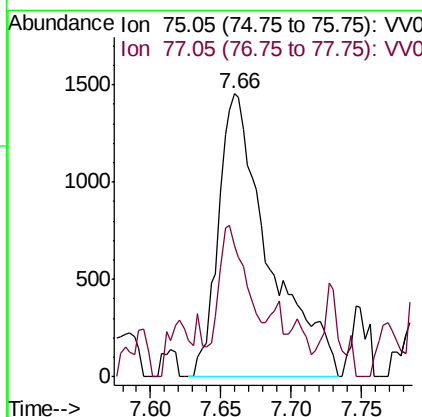
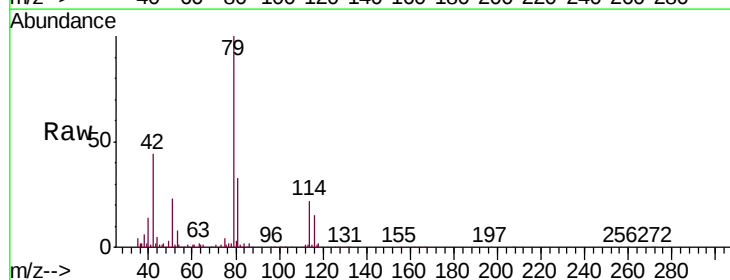
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK45

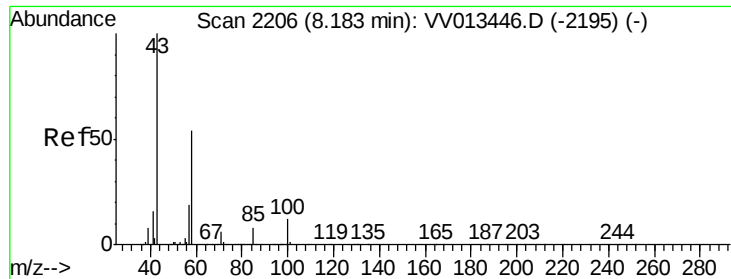
Tgt Ion: 63 Resp: 20879
 Ion Ratio Lower Upper
 63 100
 112 1.7 3.8 5.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV013452.D
 Acq: 31 Oct 2019 18:13

Tgt Ion: 75 Resp: 3619
 Ion Ratio Lower Upper
 75 100
 77 46.1 21.9 40.7#

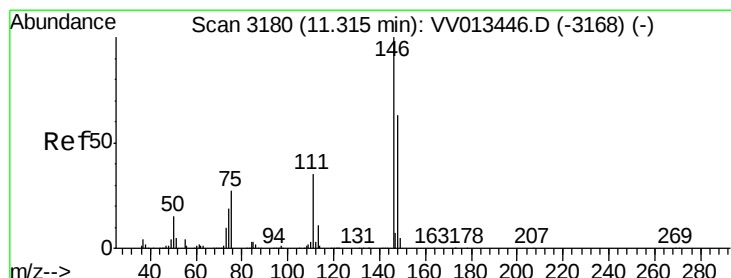
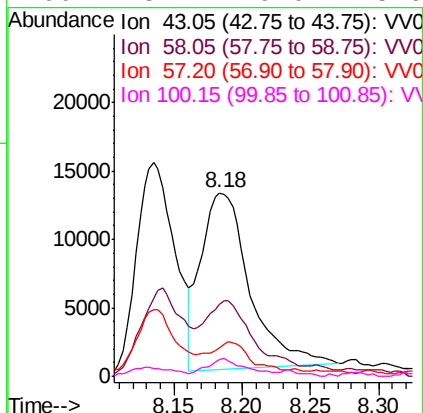
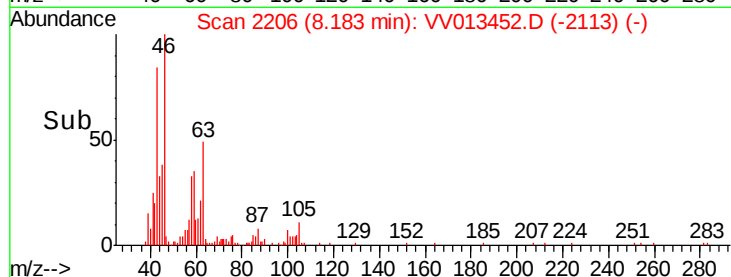
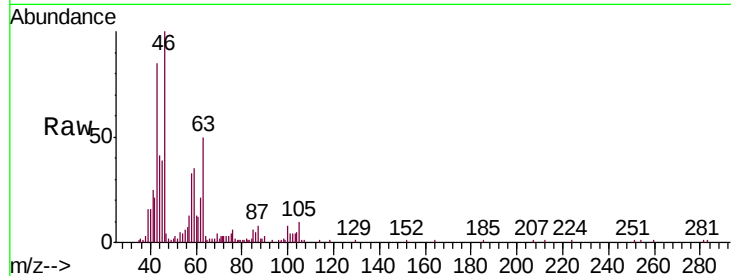




#48
2-Hexanone
Concen: 2.085 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013452.D
Acq: 31 Oct 2019 18:13

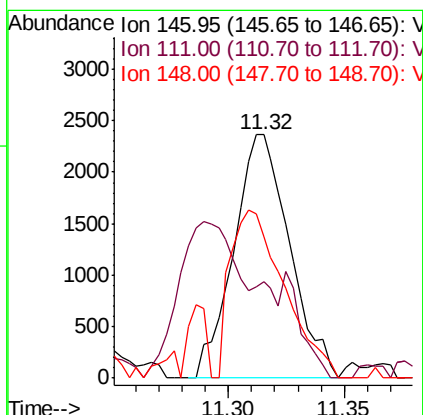
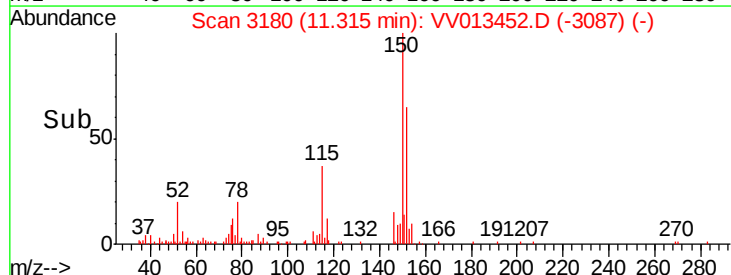
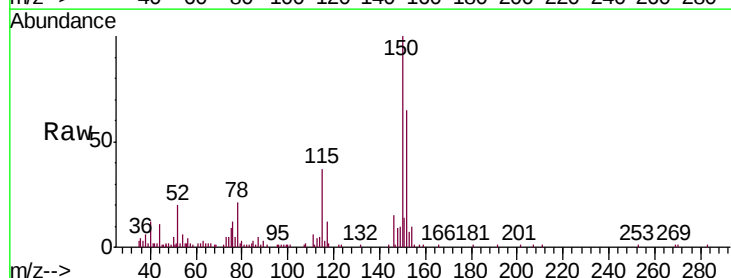
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VBLK45

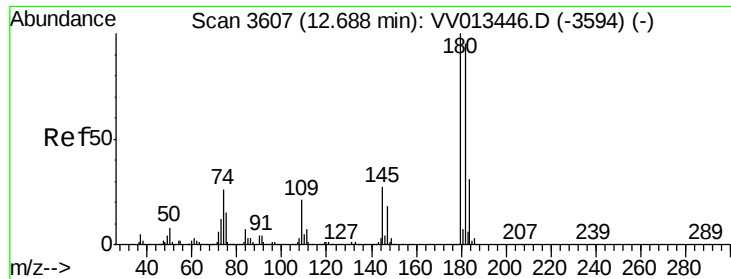
Tgt Ion: 43 Resp: 32188
Ion Ratio Lower Upper
43 100
58 38.4 42.2 63.4#
57 10.8 14.9 22.3#
100 8.1 9.0 13.6#



#63
1,4-Dichlorobenzene
Concen: 0.060 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013452.D
Acq: 31 Oct 2019 18:13

Tgt Ion: 146 Resp: 3960
Ion Ratio Lower Upper
146 100
111 44.8 24.7 45.9
148 58.1 44.2 82.0





#67
 1,3,5-Trichlorobenzene
 Concen: 0.068 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV013452.D
 Acq: 31 Oct 2019 18:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.1	114.1#
184	2.6	24.5	36.7#
145	16.5	21.4	32.2#

