

Data File : VV013204.D
Acq On : 18 Oct 2019 15:43
Operator : SY/MD
Sample : VV1018WBL01
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Quant Time: Oct 19 04:26:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	487776	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	503866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	253704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	220945	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	181941	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	275800	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.96	46	395124	38.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.06%
24) Chloroform-d	4.39	84	419008	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.08	65	203479	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.09	84	873143	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.11	67	263610	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.35	98	722538	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	88846	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.13	63	327990	39.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	177943	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	263812	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

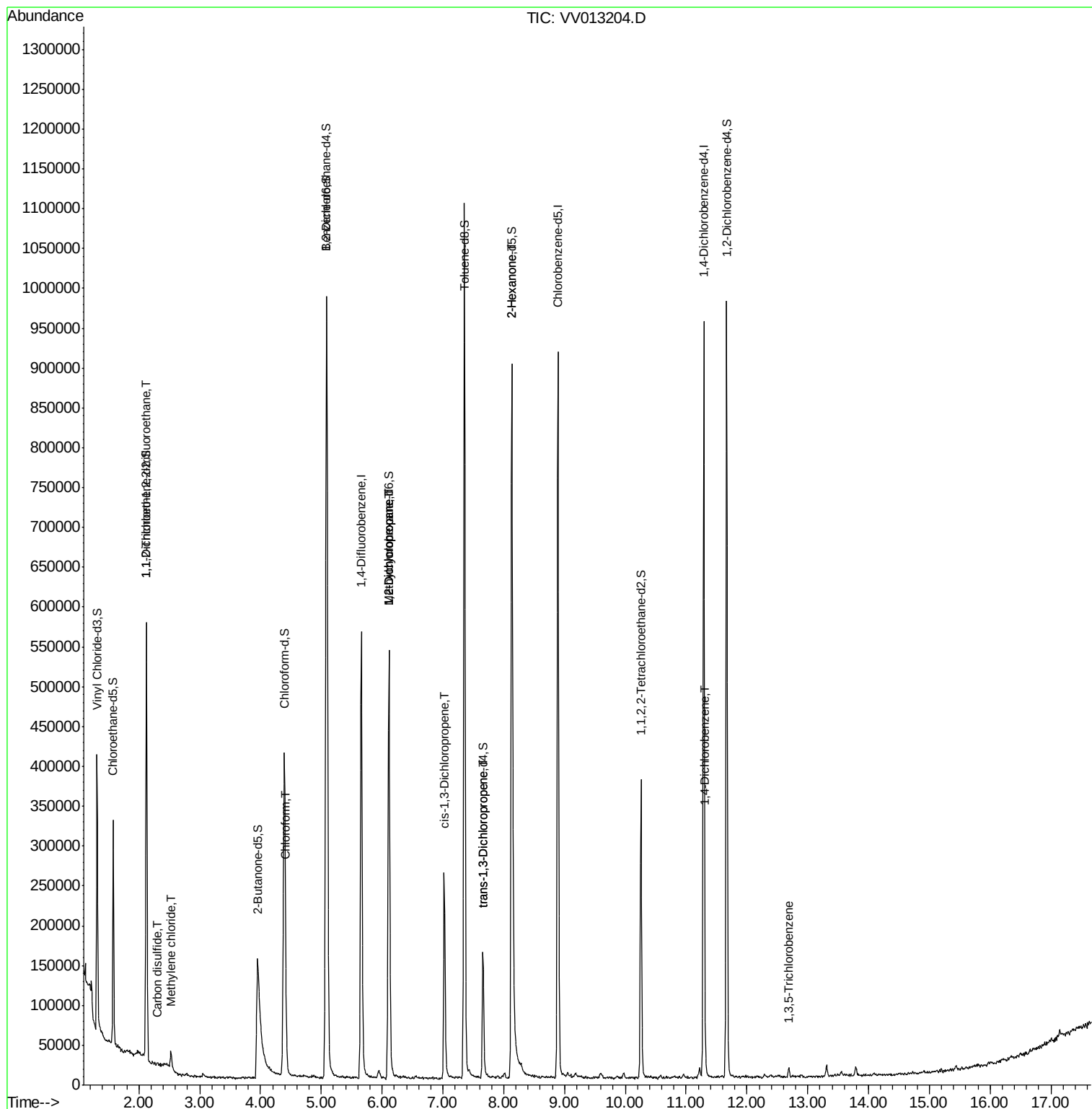
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3476	0.085	ug/L #	19
14) Carbon disulfide	2.31	76	4569	0.041	ug/L #	61
16) Methylene chloride	2.53	84	8856	0.180	ug/L	89
25) Chloroform	4.42	83	14086	0.143	ug/L	99
35) Methylcyclohexane	6.11	83	62102	0.769	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	27345	0.546	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	6361	0.095	ug/L #	53
44) trans-1,3-Dichloropropene	7.66	75	4325	0.084	ug/L #	79
48) 2-Hexanone	8.13	43	47186	2.413	ug/L #	82
63) 1,4-Dichlorobenzene	11.32	146	5288	0.058	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	3864	0.058	ug/L #	93

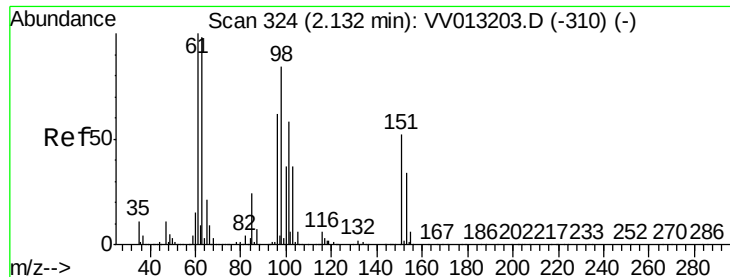
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013204.D

Acq: 18 Oct 2019 15:43

Instrument :

MSVOA_V

ClientSampleId :

VBLK35

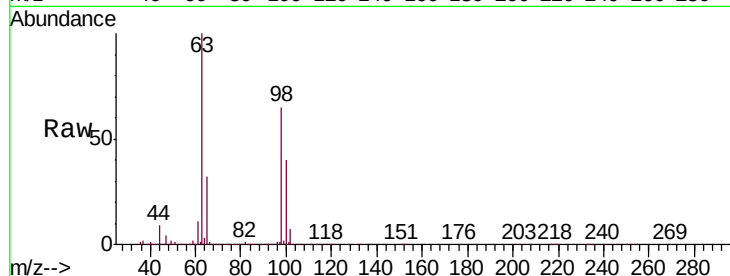
Tgt Ion:101 Resp: 3476

Ion Ratio Lower Upper

101 100

85 1.9 32.4 48.6#

151 5.8 71.9 107.9#

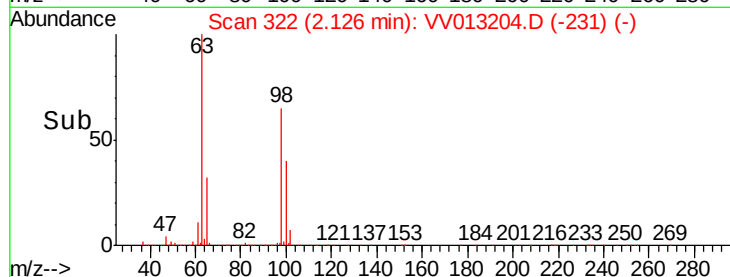


Abundance Ion 101.00 (100.70 to 101.70): VV013203.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV013203.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV013203.D (-310) (-)

Time-->

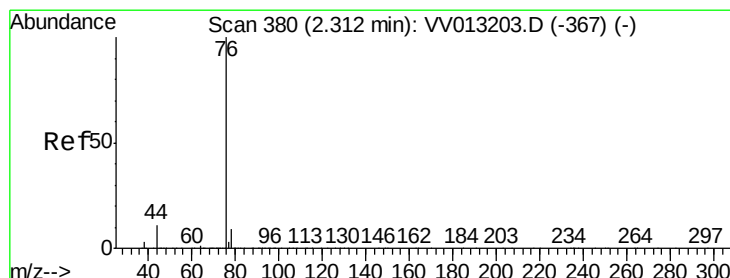


Abundance Ion 101.00 (100.70 to 101.70): VV013204.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV013204.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV013204.D (-231) (-)

Time-->



#14

Carbon disulfide

Concen: 0.041 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV013204.D

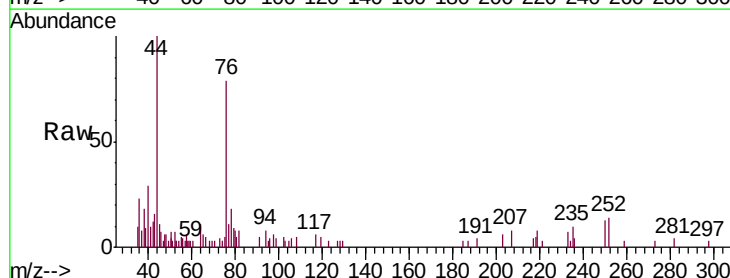
Acq: 18 Oct 2019 15:43

Tgt Ion: 76 Resp: 4569

Ion Ratio Lower Upper

76 100

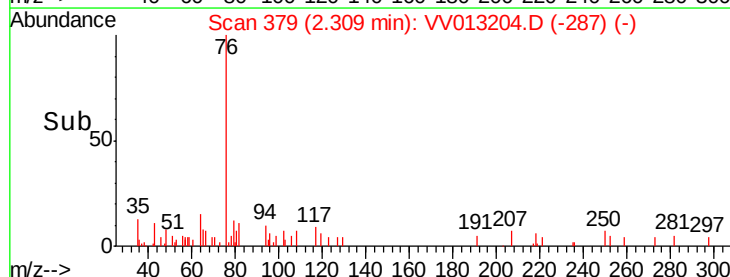
78 22.9 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VV013203.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV013203.D (-367) (-)

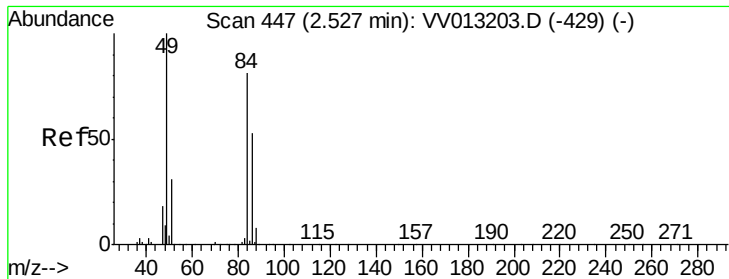
Time-->



Abundance Ion 76.05 (75.75 to 76.75): VV013204.D (-287) (-)

Ion 78.00 (77.70 to 78.70): VV013204.D (-287) (-)

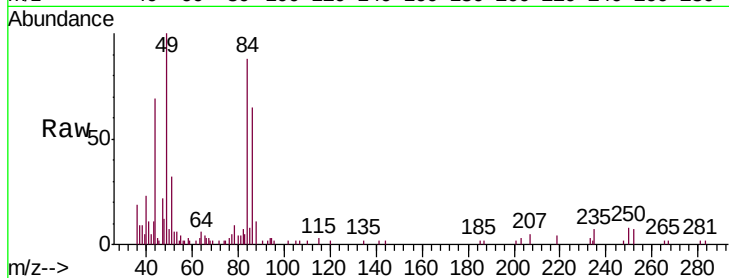
Time-->



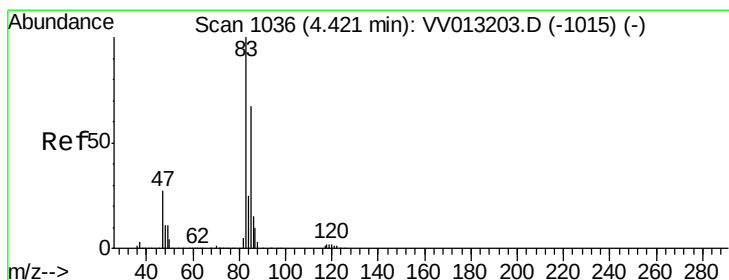
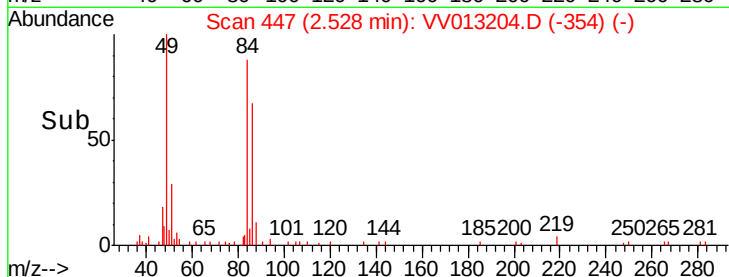
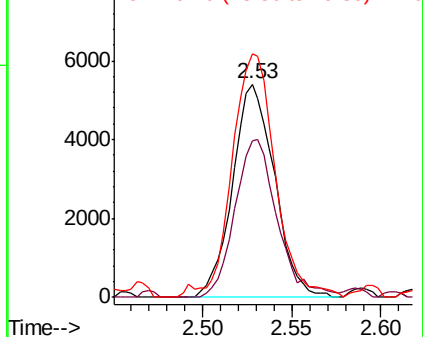
#16
Methylene chloride
Concen: 0.180 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV013204.D
Acq: 18 Oct 2019 15:43

Instrument :
MSVOA_V
ClientSampleId :
VBLK35

Tgt Ion: 84 Resp: 8856
Ion Ratio Lower Upper
84 100
86 73.7 44.5 82.7
49 114.2 87.3 162.1

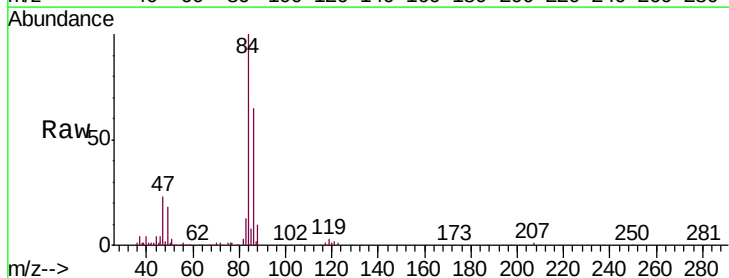


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

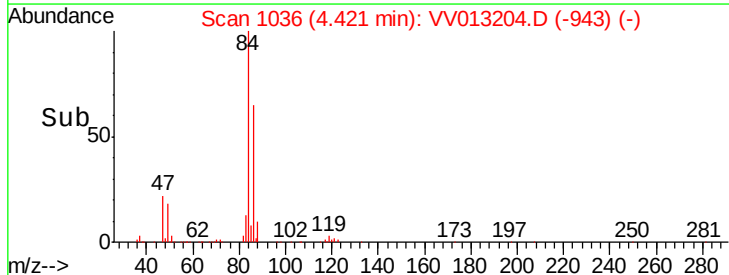
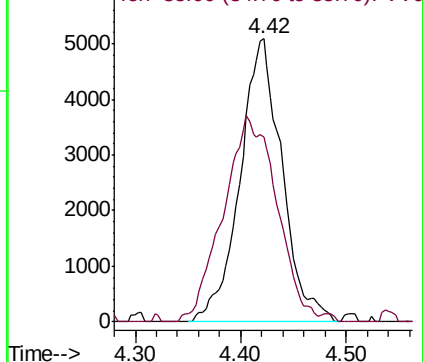


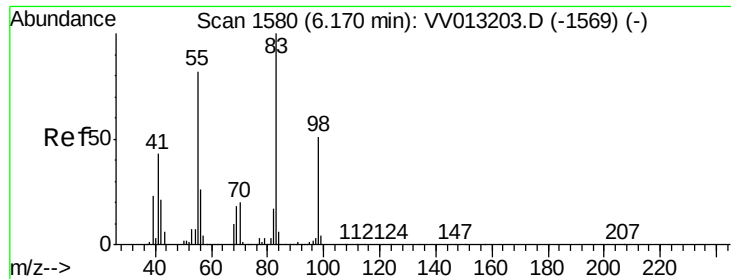
#25
Chloroform
Concen: 0.143 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013204.D
Acq: 18 Oct 2019 15:43

Tgt Ion: 83 Resp: 14086
Ion Ratio Lower Upper
83 100
85 65.4 45.5 84.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

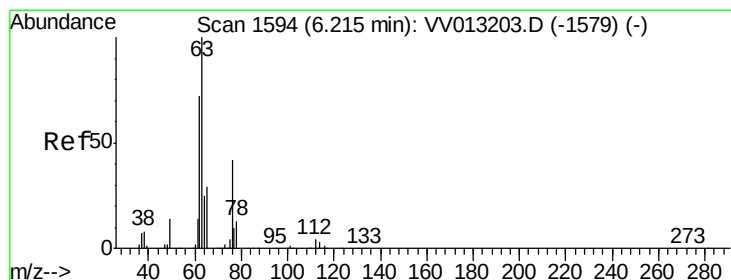
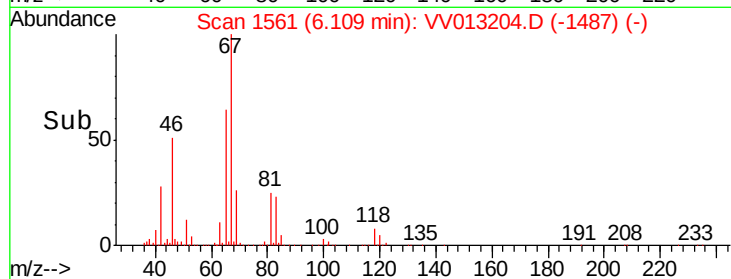
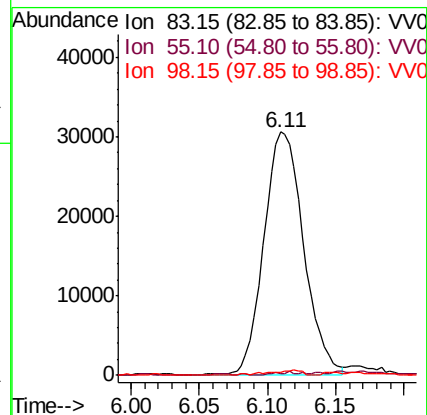
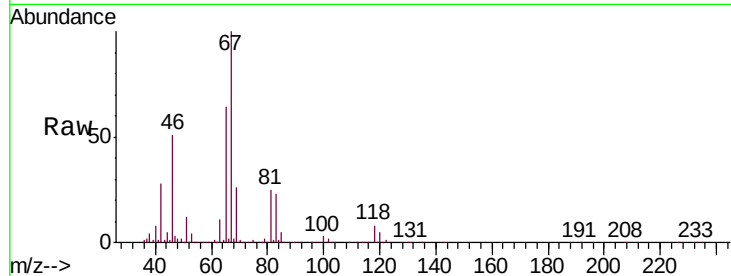




#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV013204.D
Acq: 18 Oct 2019 15:43

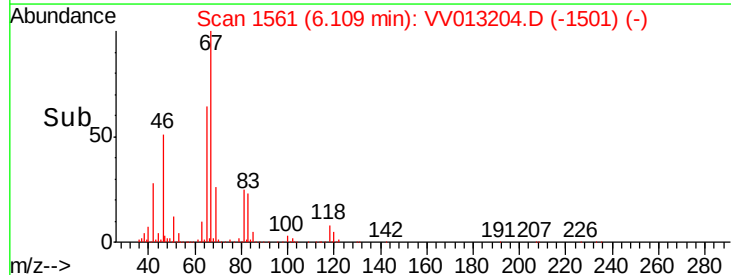
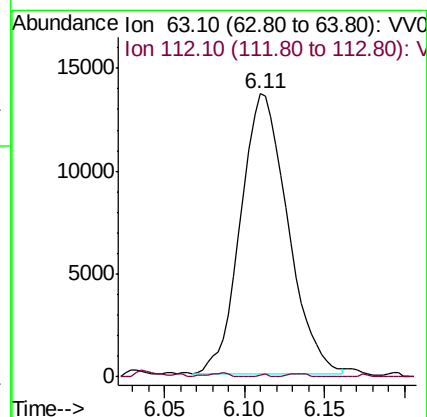
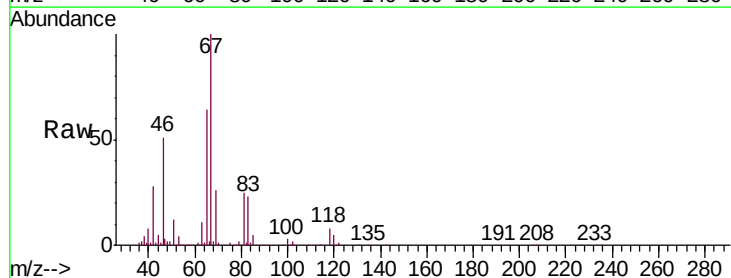
Instrument :
MSVOA_V
ClientSampleId :
VBLK35

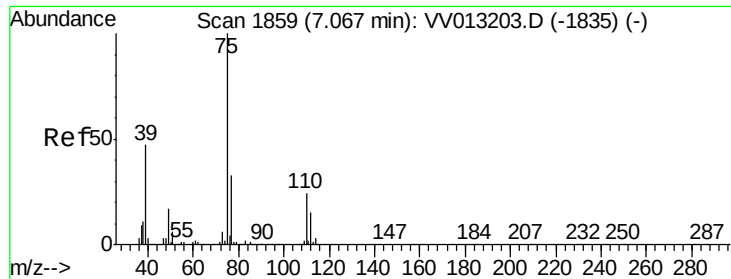
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.0	96.0#
98	1.6	38.6	57.8#



#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV013204.D
Acq: 18 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV013204.D

Acq: 18 Oct 2019 15:43

Instrument :

MSVOA_V

ClientSampleId :

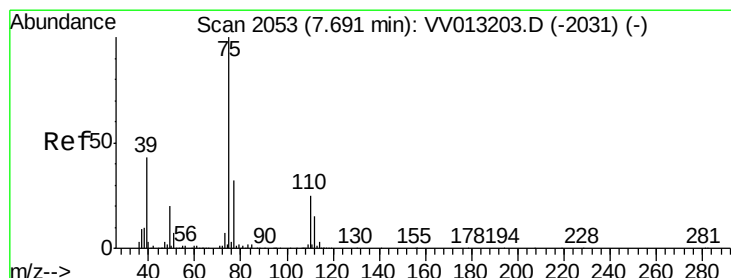
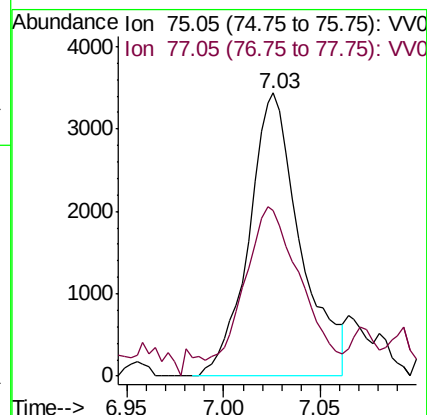
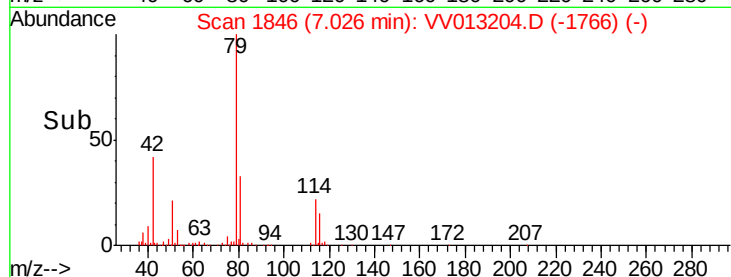
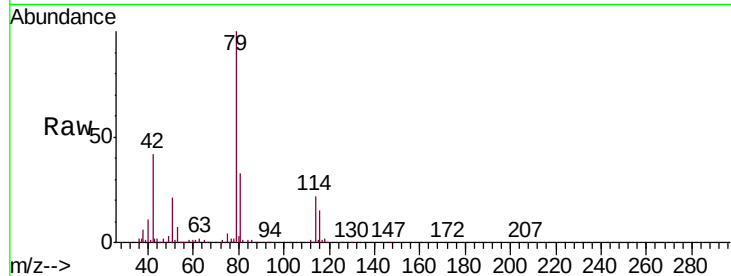
VBLK35

Tgt Ion: 75 Resp: 6361

Ion Ratio Lower Upper

75 100

77 58.5 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013204.D

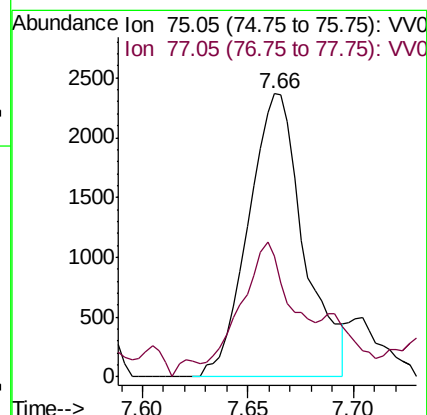
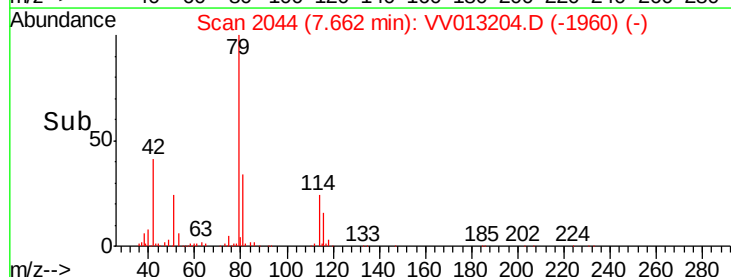
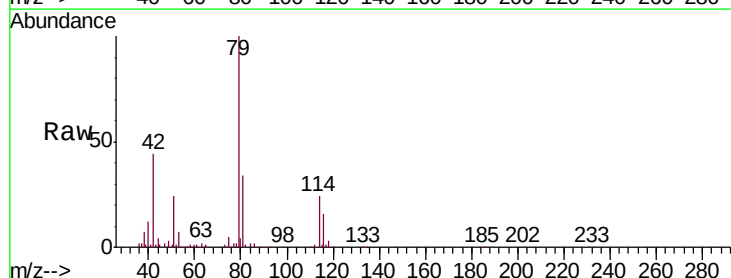
Acq: 18 Oct 2019 15:43

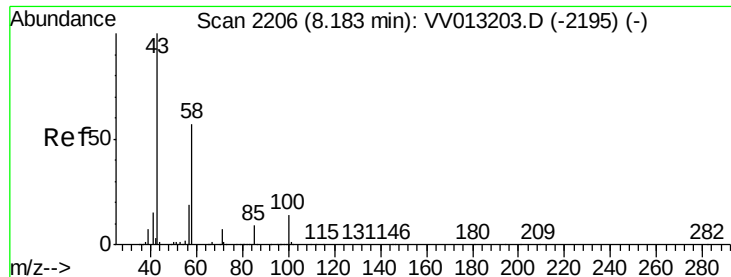
Tgt Ion: 75 Resp: 4325

Ion Ratio Lower Upper

75 100

77 42.6 21.8 40.4#





#48

2-Hexanone

Concen: 2.413 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV013204.D

Acq: 18 Oct 2019 15:43

Instrument :

MSVOA_V

ClientSampleId :

VBLK35

Tgt Ion: 43 Resp: 47186

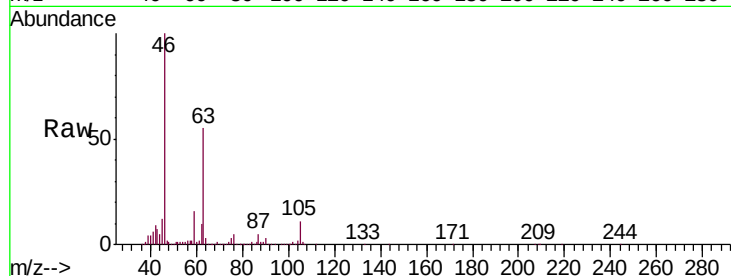
Ion Ratio Lower Upper

43 100

58 46.0 44.2 66.2

57 31.5 14.5 21.7#

100 3.0 9.5 14.3#



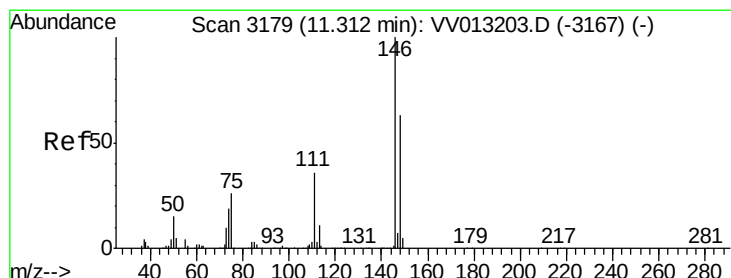
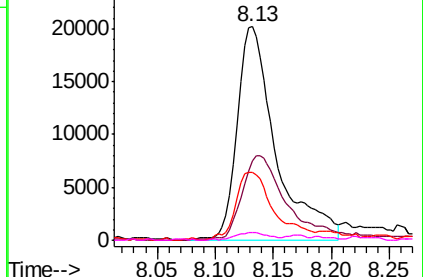
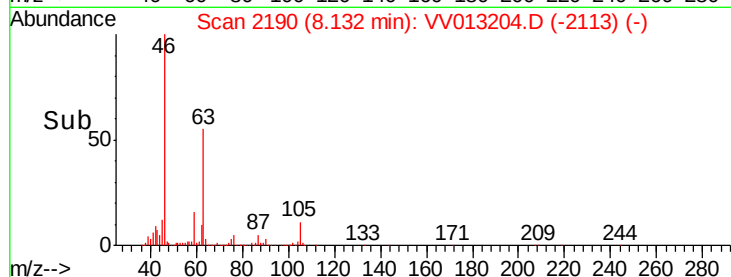
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

Time-->



#63

1,4-Dichlorobenzene

Concen: 0.058 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013204.D

Acq: 18 Oct 2019 15:43

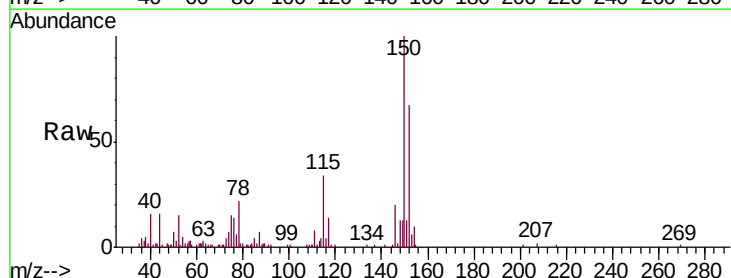
Tgt Ion: 146 Resp: 5288

Ion Ratio Lower Upper

146 100

111 38.5 25.7 47.7

148 64.9 44.4 82.5

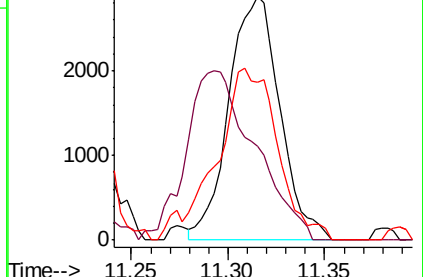
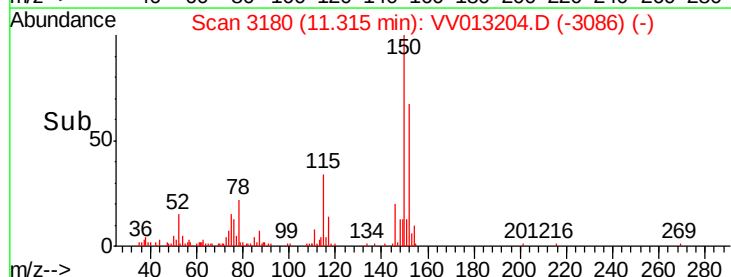


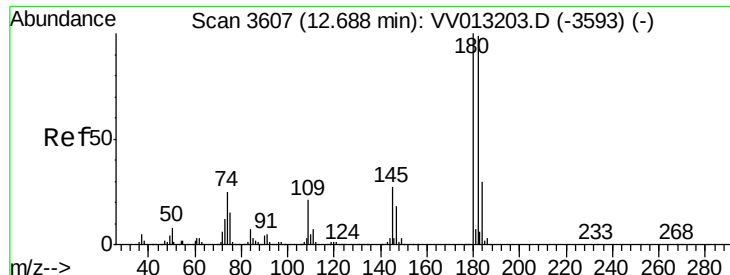
Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

Time-->

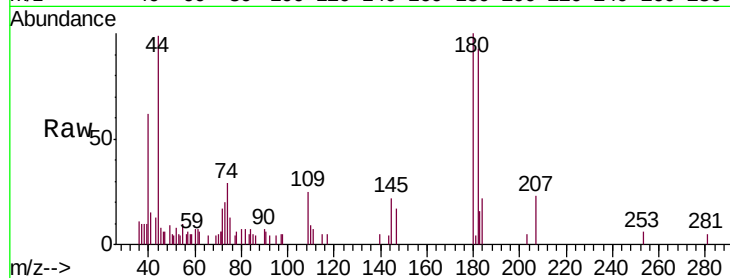




#67
 1,3,5-Trichlorobenzene
 Concen: 0.058 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV013204.D
 Acq: 18 Oct 2019 15:43

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK35

Tgt Ion:	180	Resp:	3864
Ion	Ratio	Lower	Upper
180	100		
182	89.3	75.8	113.6
184	22.4	24.2	36.4#
145	24.5	22.1	33.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

