

Data File : VV014069.D
Acq On : 16 Dec 2019 14:01
Operator : SY/MD
Sample : K6200-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Dec 17 05:46:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 05:42:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	392523	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	398668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	150544	6.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.00%
7) Chloroethane-d5	1.58	69	124562	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.80%
11) 1,1-Dichloroethene-d2	2.13	63	189789	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	3.94	46	258025	51.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.18%
24) Chloroform-d	4.40	84	219465	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	116086	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.10	84	470519	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.11	67	138974	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.36	98	387818	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	49946	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.13	63	169143	38.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89903	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	150050	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

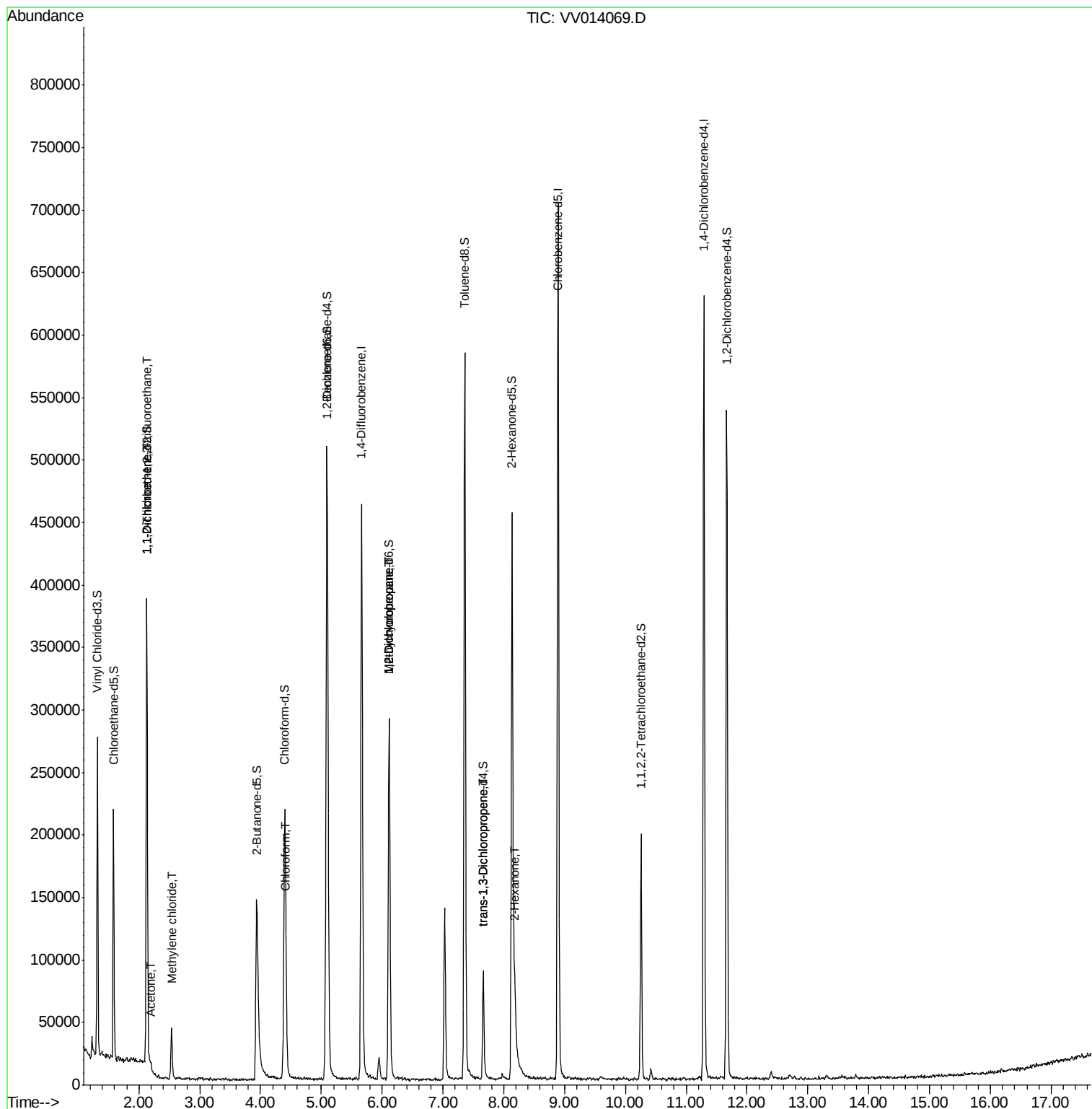
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2394	0.111	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	2355	0.125	ug/L #	1
13) Acetone	2.20	43	8879	2.514	ug/L #	31
16) Methylene chloride	2.54	84	17118	0.662	ug/L	95
25) Chloroform	4.43	83	11453	0.254	ug/L	94
35) Methylcyclohexane	6.12	83	35046	0.974	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	15491	0.616	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	2275	0.081	ug/L #	70
48) 2-Hexanone	8.18	43	25907	2.475	ug/L #	88

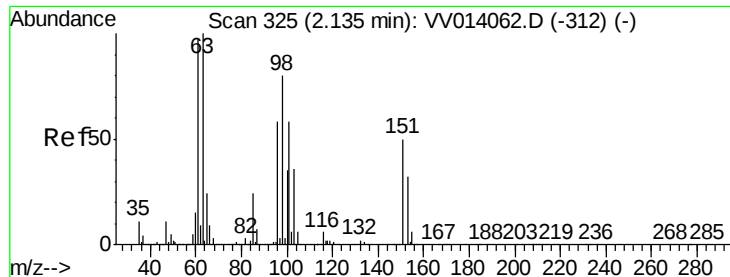
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.111 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014069.D

Acq: 16 Dec 2019 14:01

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

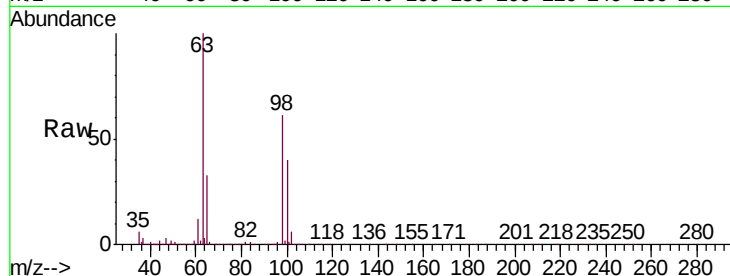
Tgt Ion:101 Resp: 2394

Ion Ratio Lower Upper

101 100

85 7.0 33.4 50.0#

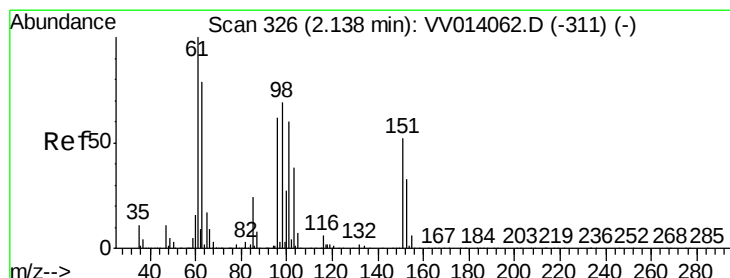
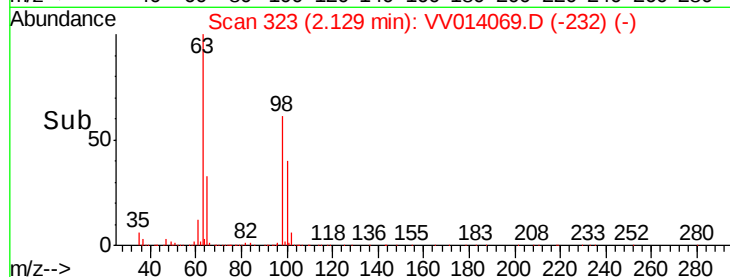
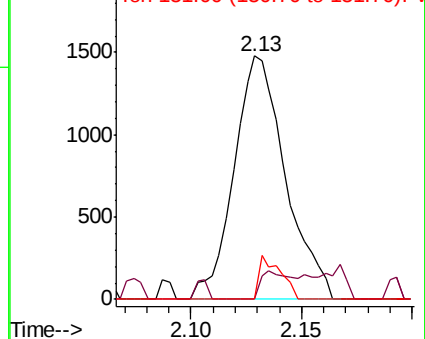
151 7.4 69.4 104.0#



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: 0.125 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014069.D

Acq: 16 Dec 2019 14:01

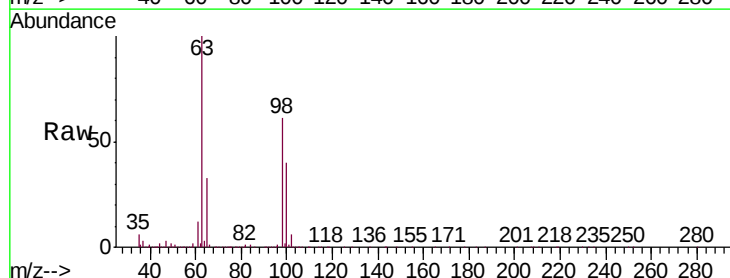
Tgt Ion: 96 Resp: 2355

Ion Ratio Lower Upper

96 100

61 1067.3 116.3 215.9#

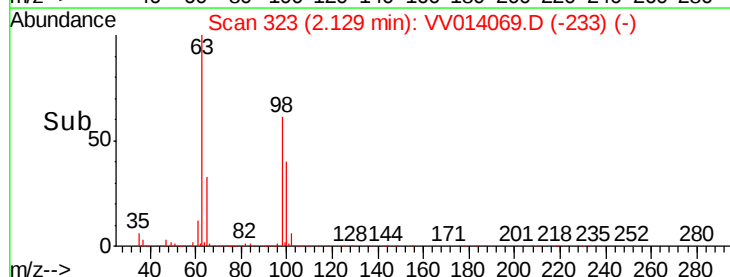
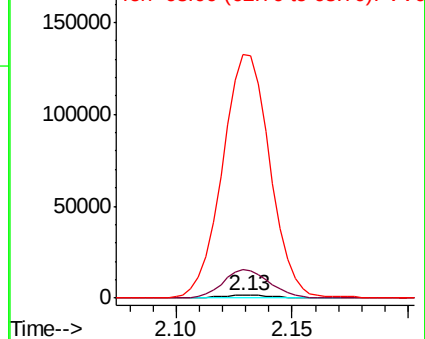
63 9244.9 96.7 179.7#

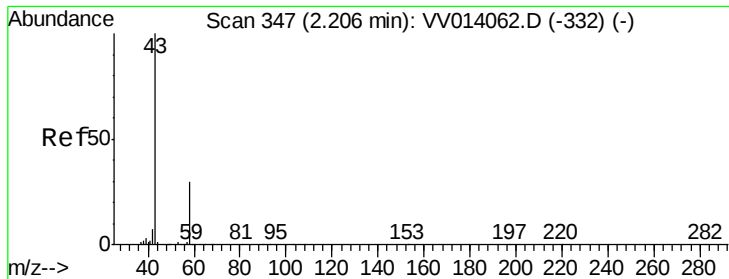


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

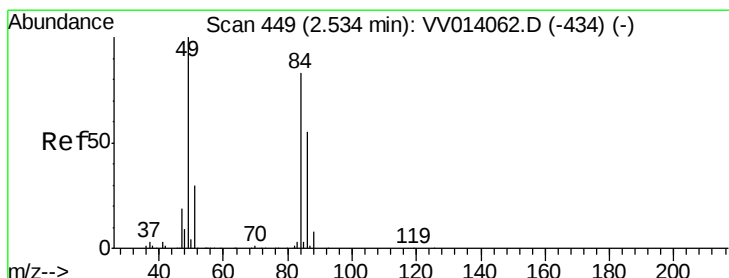
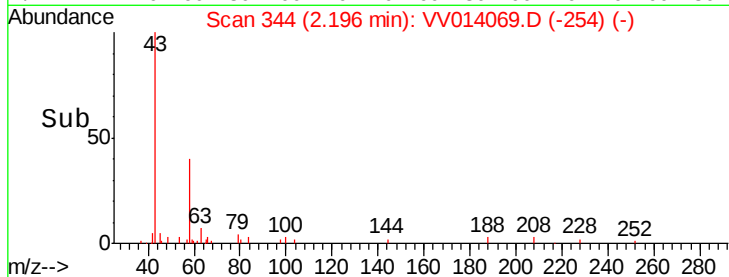
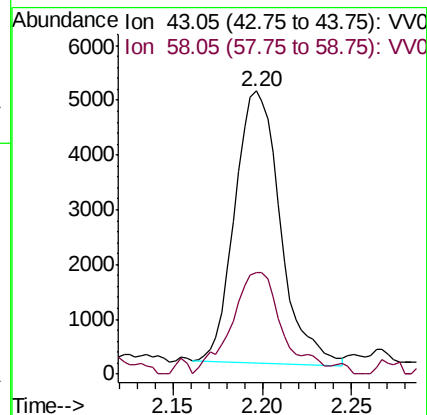
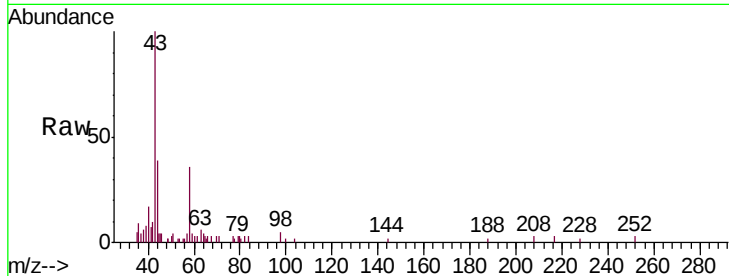




#13
Acetone
Concen: 2.514 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.01 min
Lab File: VV014069.D
Acq: 16 Dec 2019 14:01

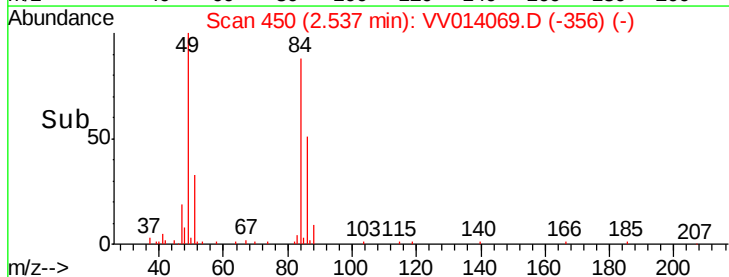
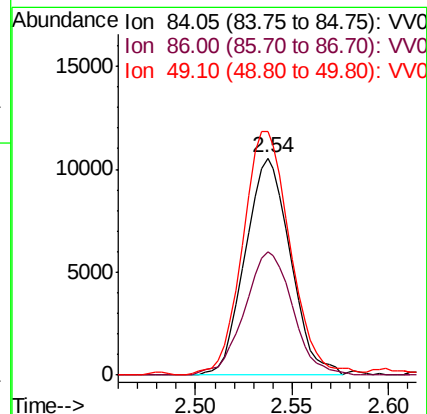
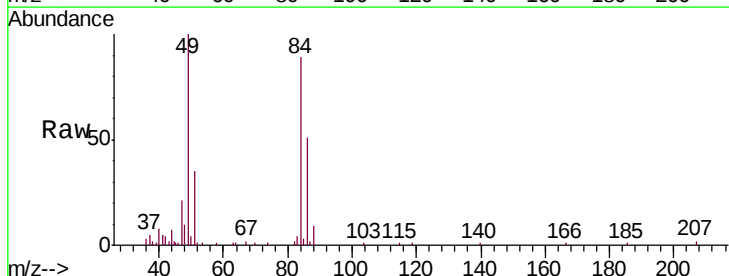
Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

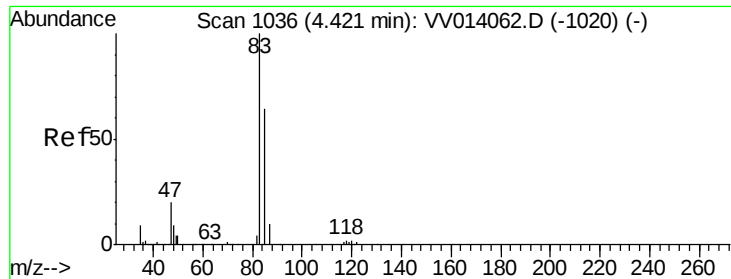
Tgt Ion: 43 Resp: 8879
Ion Ratio Lower Upper
43 100
58 41.6 0.0 27.2#



#16
Methylene chloride
Concen: 0.662 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014069.D
Acq: 16 Dec 2019 14:01

Tgt Ion: 84 Resp: 17118
Ion Ratio Lower Upper
84 100
86 57.1 44.0 81.6
49 112.0 81.5 151.5





#25

Chloroform

Concen: 0.254 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014069.D

Acq: 16 Dec 2019 14:01

Instrument :

MSVOA_V

ClientSampleId :

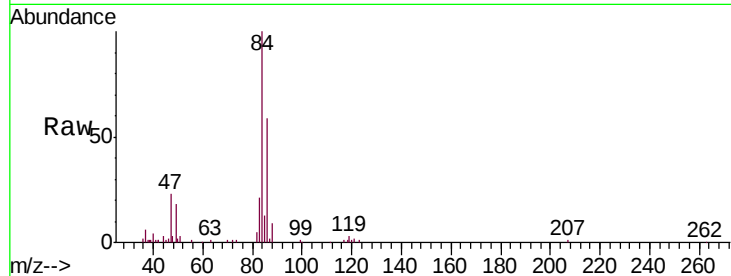
VHBLK02

Tgt Ion: 83 Resp: 11453

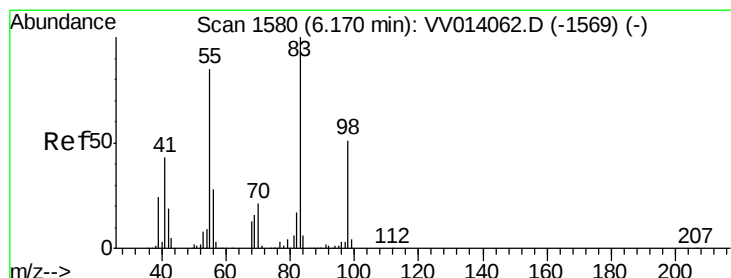
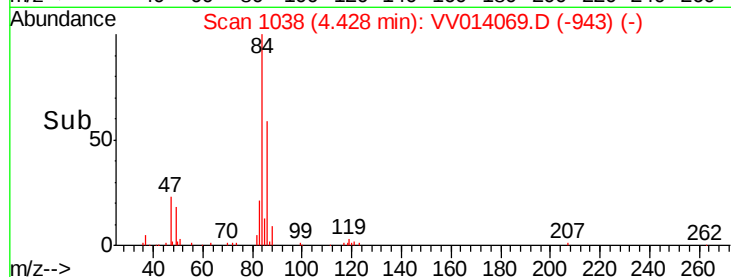
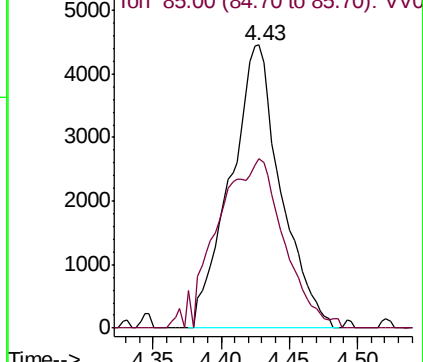
Ion Ratio Lower Upper

83 100

85 60.0 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV014062.D (-1020) (-)



#35

Methylcyclohexane

Concen: 0.974 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014069.D

Acq: 16 Dec 2019 14:01

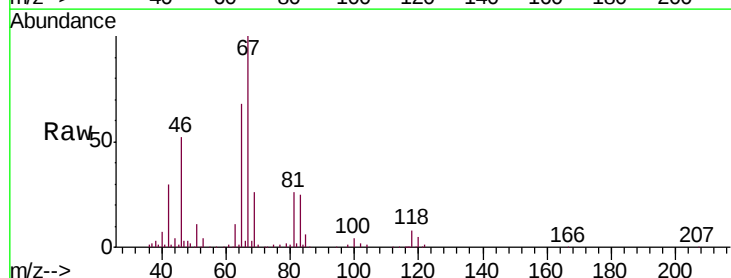
Tgt Ion: 83 Resp: 35046

Ion Ratio Lower Upper

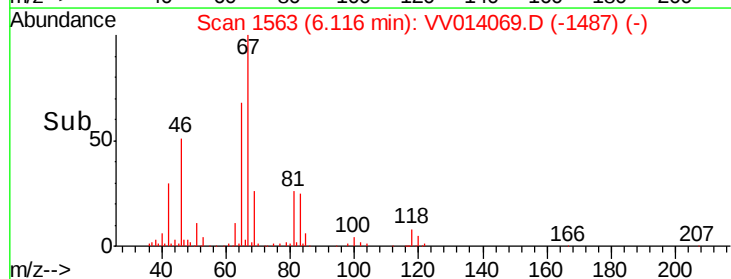
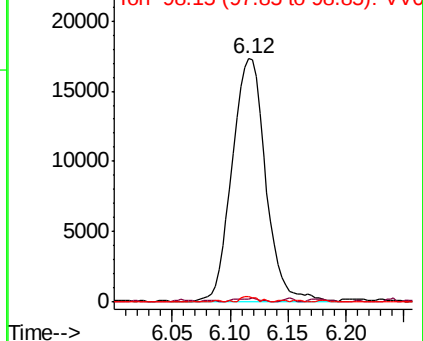
83 100

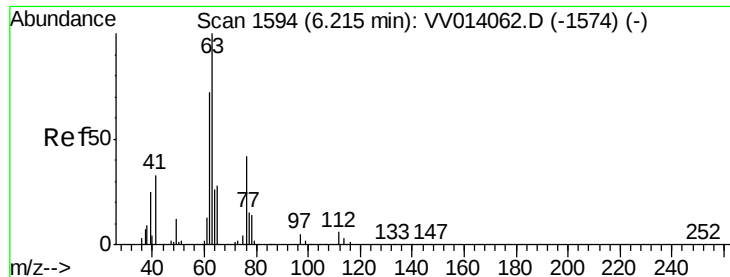
55 0.6 60.3 90.5#

98 1.2 38.1 57.1#



Abundance Ion 83.15 (82.85 to 83.85): VV014062.D (-1569) (-)





#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV014069.D

Acq: 16 Dec 2019 14:01

Instrument :

MSVOA_V

ClientSampleId :

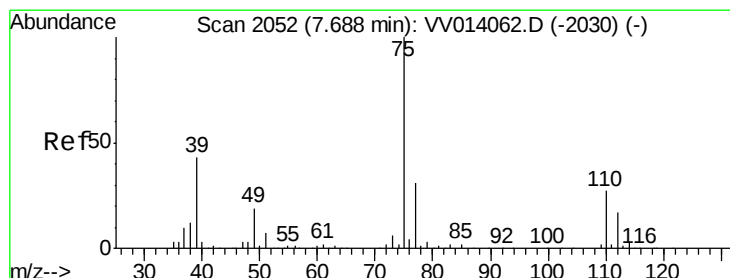
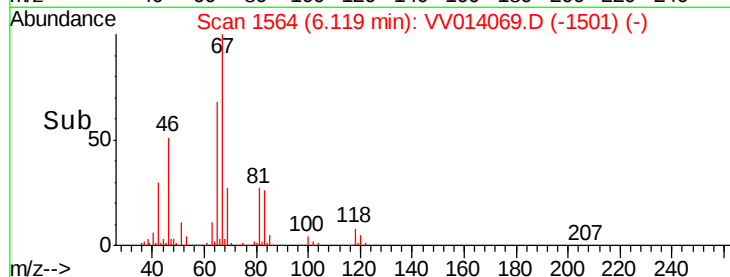
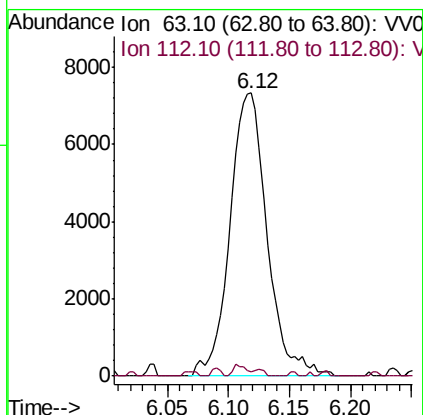
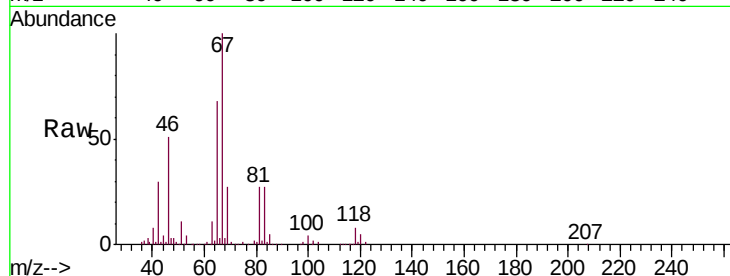
VHBLK02

Tgt Ion: 63 Resp: 15491

Ion Ratio Lower Upper

63 100

112 0.6 4.4 6.6#



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014069.D

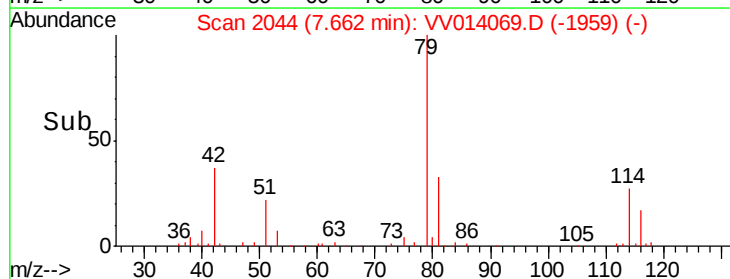
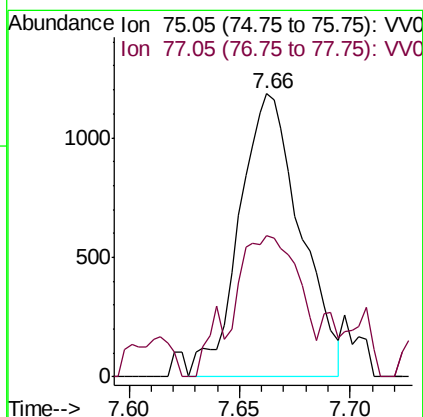
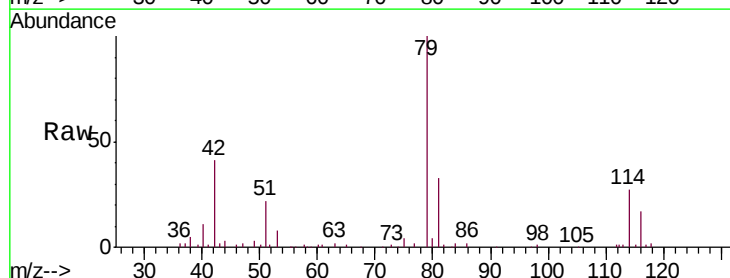
Acq: 16 Dec 2019 14:01

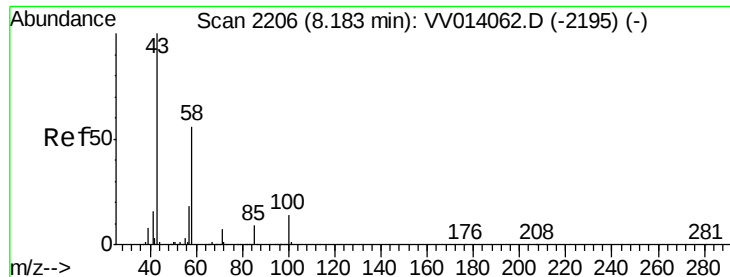
Tgt Ion: 75 Resp: 2275

Ion Ratio Lower Upper

75 100

77 50.0 23.0 42.8#





#48

2-Hexanone

Concen: 2.475 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV014069.D

Acq: 16 Dec 2019 14:01

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

Tgt Ion: 43 Resp: 25907

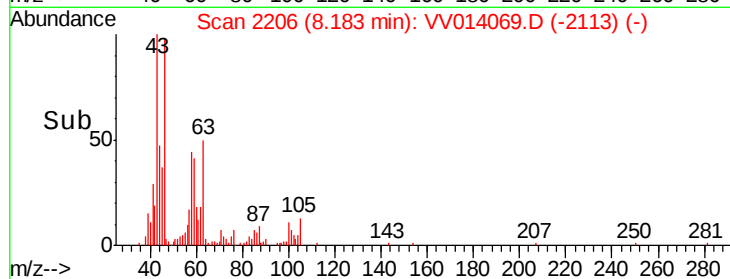
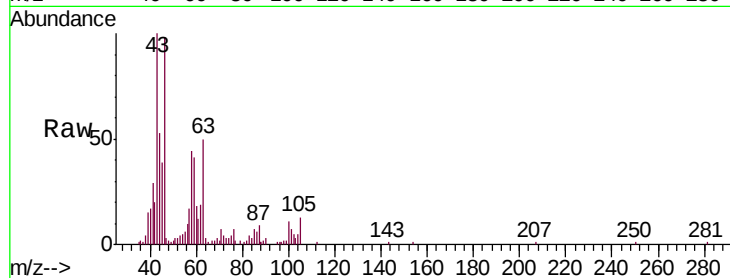
Ion Ratio Lower Upper

43 100

58 44.1 43.2 64.8

57 18.3 15.4 23.2

100 5.3 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

