

Data File : VV013342.D
Acq On : 25 Oct 2019 13:41
Operator : SY/MD
Sample : VV1025WBL02
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK40

Quant Time: Oct 26 01:00:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	459753	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	491575	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	266372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	200748	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.58	69	159834	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.13	63	232408	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.96	46	398146	61.16	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.32%
24) Chloroform-d	4.40	84	386918	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	184898	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.09	84	843268	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.11	67	246655	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.35	98	734963	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.66	79	86307	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.14	63	267109	41.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	151481	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	292515	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3400	0.090	ug/L #	32
12) 1,1-Dichloroethene	2.13	96	2832	0.078	ug/L #	1
14) Carbon disulfide	2.31	76	5703	0.055	ug/L #	83
16) Methylene chloride	2.53	84	17240	0.317	ug/L	91
25) Chloroform	4.42	83	24330	0.269	ug/L	83
27) 1,2-Dichloroethane	5.09	62	4494	0.093	ug/L	96
35) Methylcyclohexane	6.11	83	61502	0.794	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	25773	0.565	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	4581	0.094	ug/L #	56
48) 2-Hexanone	8.19	43	24478	1.471	ug/L	89
63) 1,4-Dichlorobenzene	11.32	146	6703	0.071	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	5777	0.083	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	7802	0.129	ug/L	95
69) Naphthalene	13.55	128	14190	0.170	ug/L #	96
70) 1,2,3-Trichlorobenzene	13.79	180	7513	0.133	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102519\
Quantitation Report (Not Reviewed)

Data File : VV013342.D
Acq On : 25 Oct 2019 13:41
Operator : SY/MD
Sample : VV1025WBL02
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK40

Quant Time: Oct 26 01:00:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

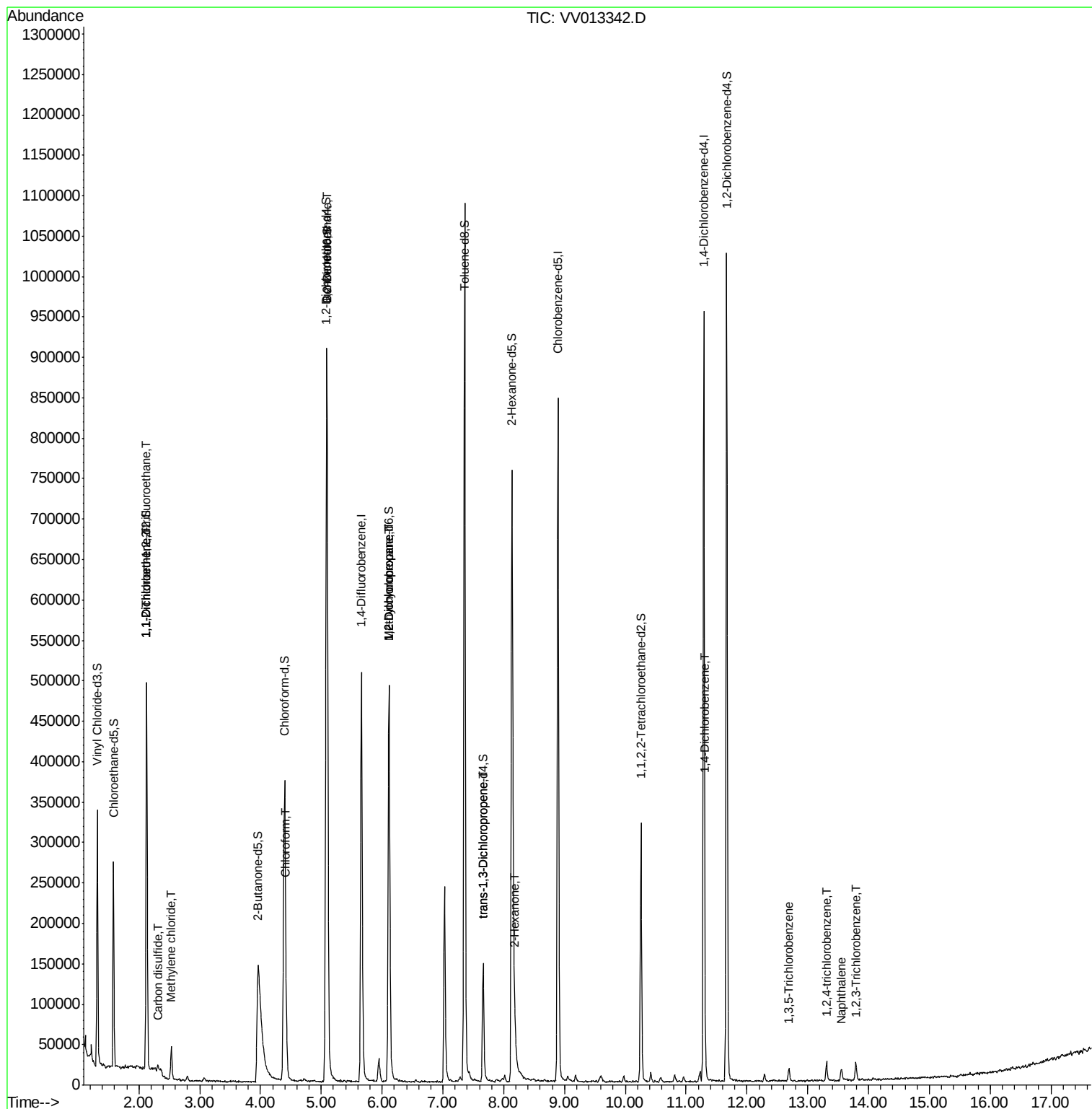
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

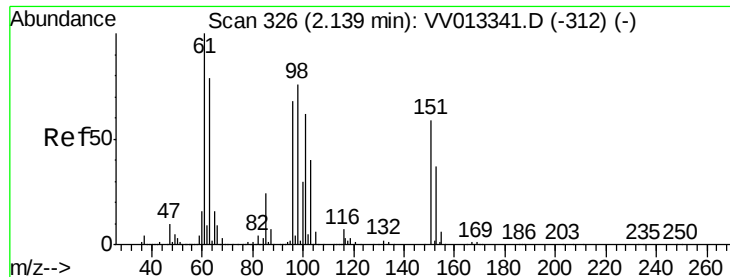
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VV013342.D
Acq On : 25 Oct 2019 13:41
Operator : SY/MD
Sample : VV1025WBL02
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK40

Quant Time: Oct 26 01:00:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration





#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013342.D

Acq: 25 Oct 2019 13:41

Instrument :

MSVOA_V

ClientSampled :

VBLK40

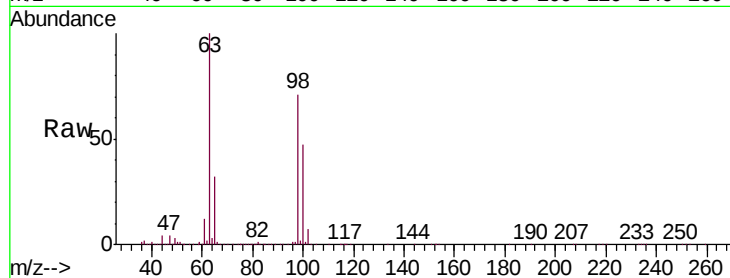
Tgt Ion: 101 Resp: 3400

Ion Ratio Lower Upper

101 100

85 11.6 31.8 47.8#

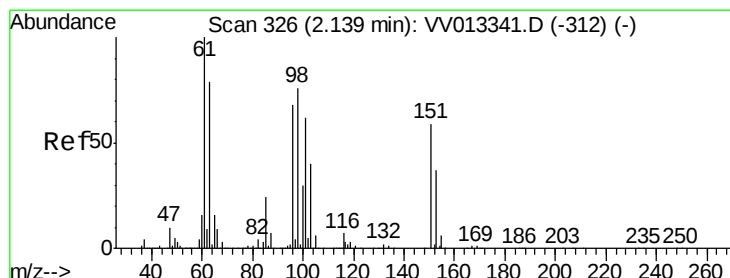
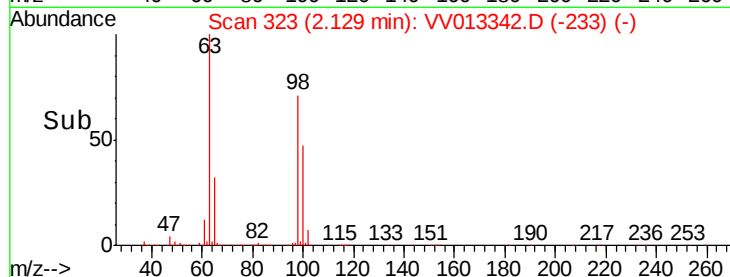
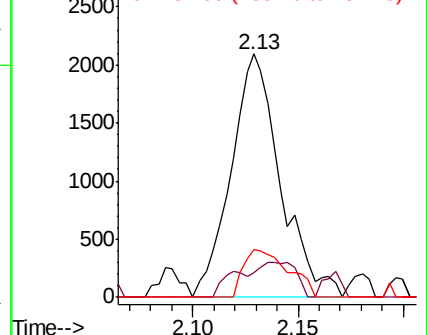
151 17.8 72.9 109.3#



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: 0.078 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013342.D

Acq: 25 Oct 2019 13:41

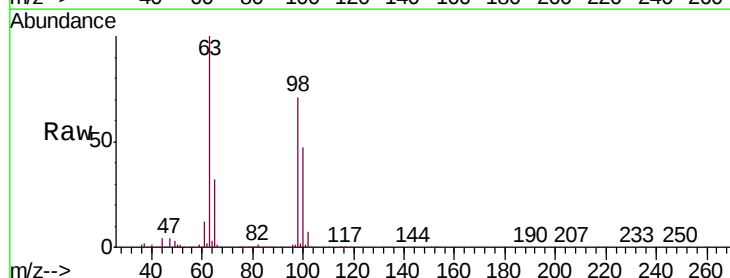
Tgt Ion: 96 Resp: 2832

Ion Ratio Lower Upper

96 100

61 1066.1 104.0 193.1#

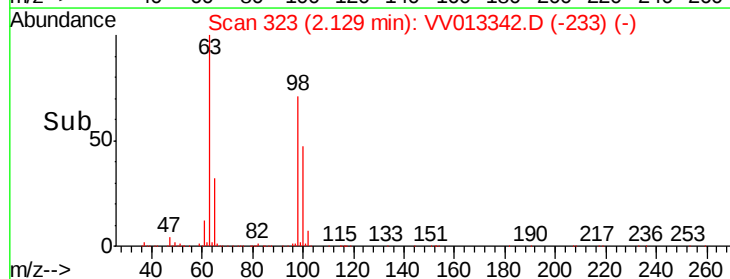
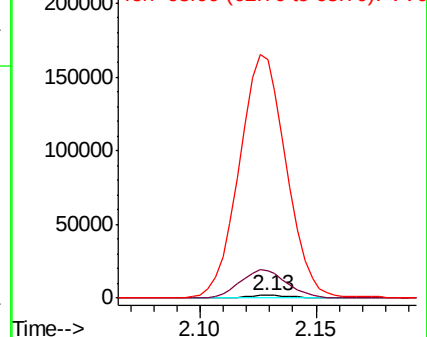
63 9125.8 67.1 124.5#

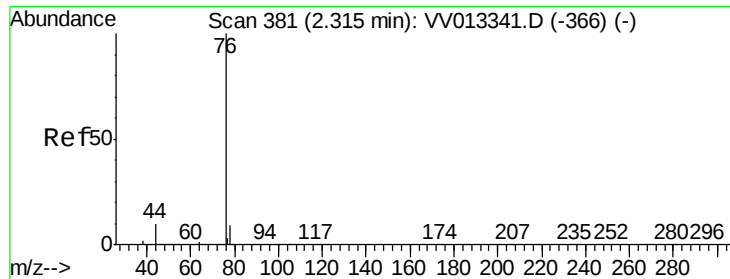


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.055 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV013342.D

Acq: 25 Oct 2019 13:41

Instrument :

MSVOA_V

ClientSampleId :

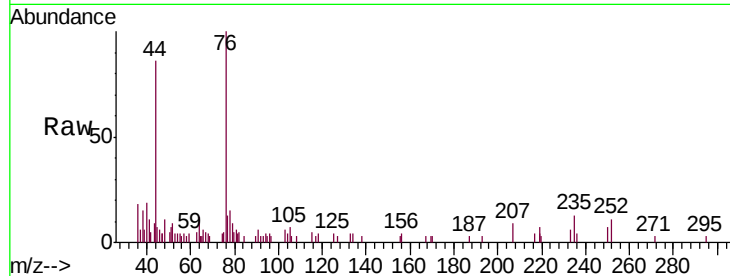
VBLK40

Tgt Ion: 76 Resp: 5703

Ion Ratio Lower Upper

76 100

78 15.1 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

4000

3000

2000

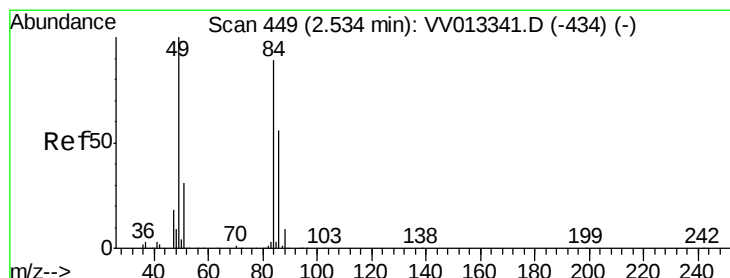
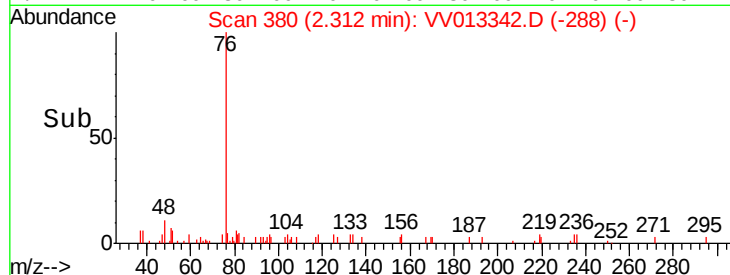
1000

0

Time-->

2.30

2.35



#16

Methylene chloride

Concen: 0.317 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013342.D

Acq: 25 Oct 2019 13:41

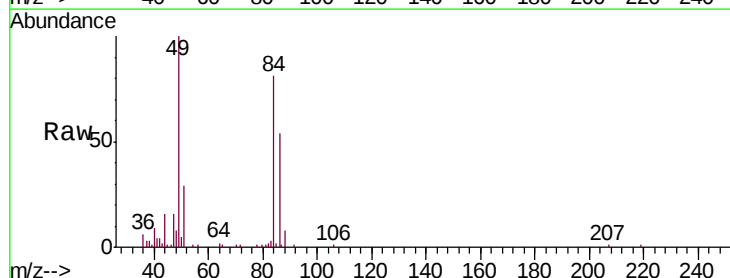
Tgt Ion: 84 Resp: 17240

Ion Ratio Lower Upper

84 100

86 67.3 46.2 85.8

49 124.0 76.4 141.8



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

15000

10000

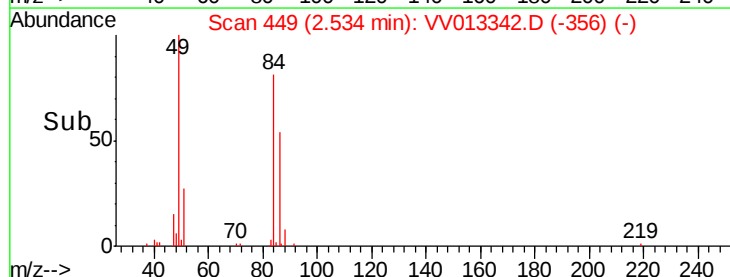
5000

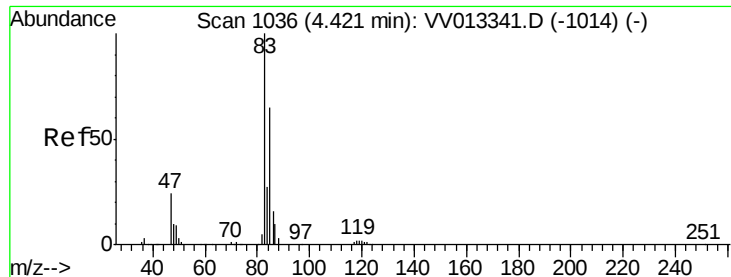
0

Time-->

2.50

2.55





#25

Chloroform

Concen: 0.269 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013342.D

Acq: 25 Oct 2019 13:41

Instrument :

MSVOA_V

ClientSampleId :

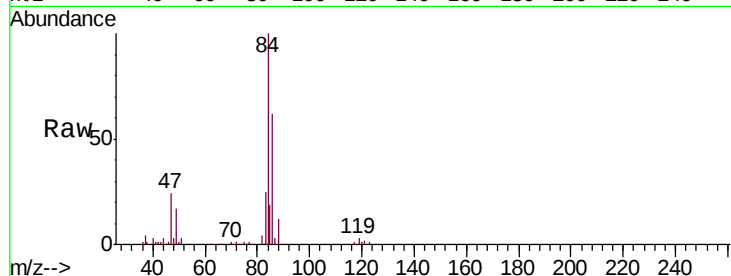
VBLK40

Tgt Ion: 83 Resp: 24330

Ion Ratio Lower Upper

83 100

85 78.5 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV013341.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VV013341.D (-1014) (-)

4.42

8000

6000

4000

2000

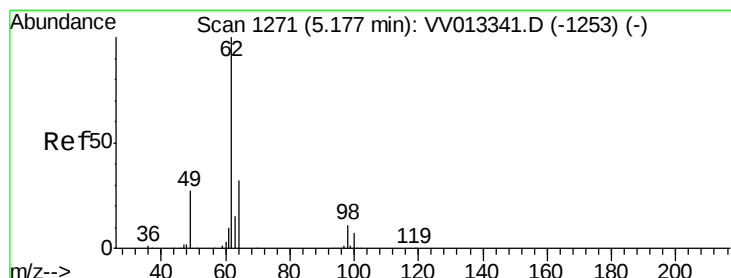
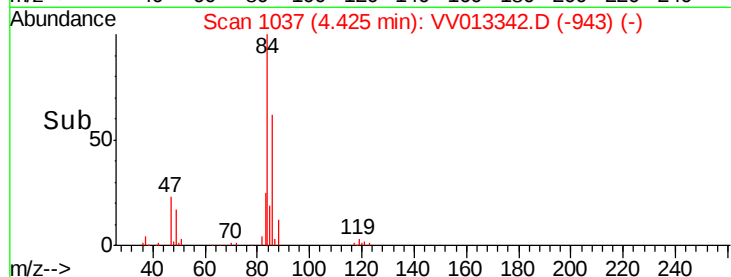
0

Time-->

4.30

4.40

4.50



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV013342.D

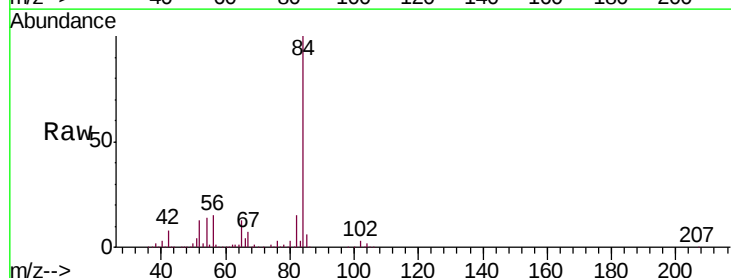
Acq: 25 Oct 2019 13:41

Tgt Ion: 62 Resp: 4494

Ion Ratio Lower Upper

62 100

98 9.0 8.3 12.5



Abundance Ion 62.00 (61.70 to 62.70): VV013341.D (-1253) (-)

Ion 98.05 (97.75 to 98.75): VV013341.D (-1253) (-)

5.09

2000

1500

1000

500

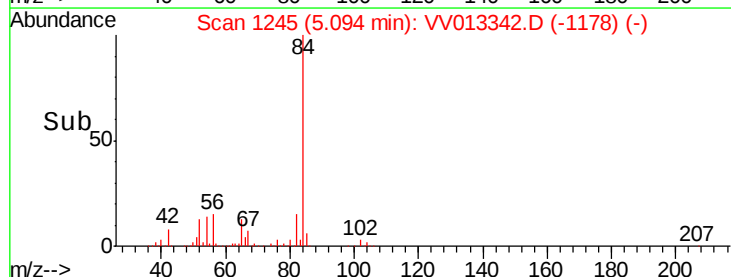
0

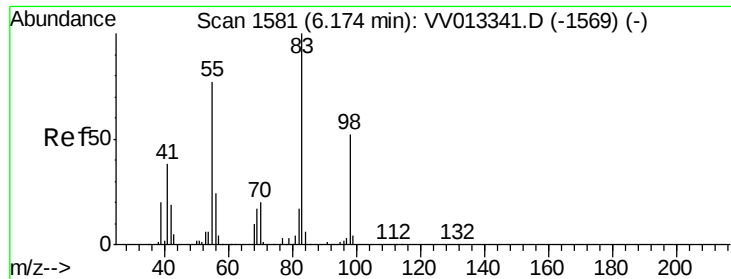
Time-->

5.05

5.10

5.15

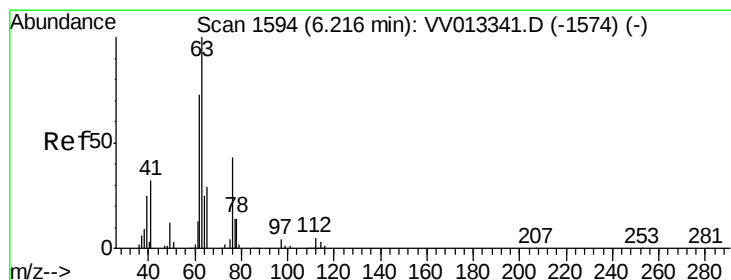
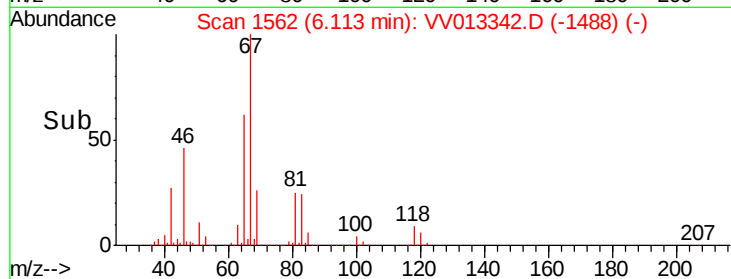
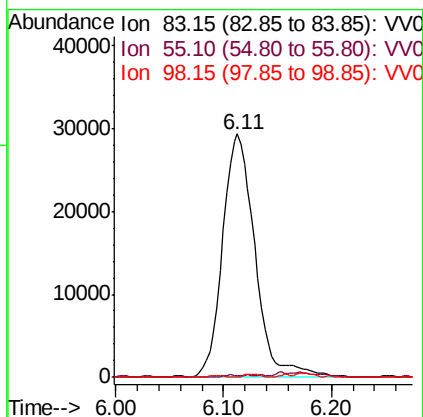
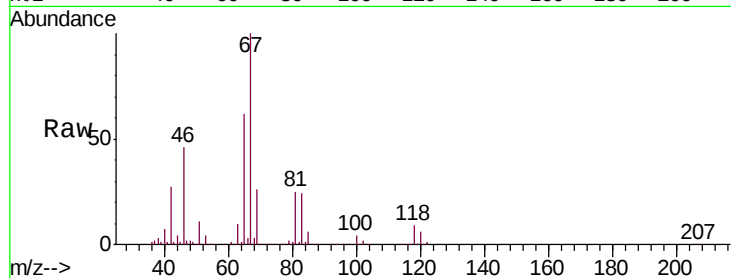




#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013342.D
Acq: 25 Oct 2019 13:41

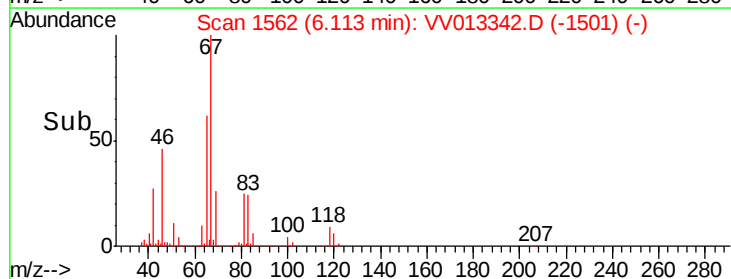
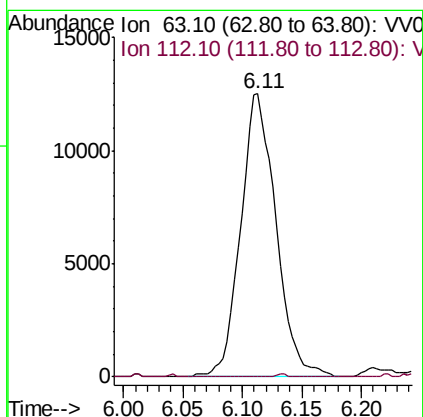
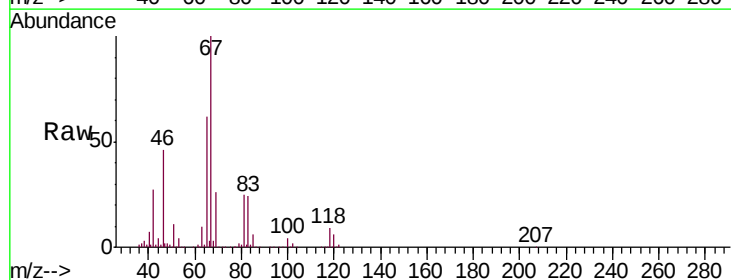
Instrument :
MSVOA_V
ClientSampleId :
VBLK40

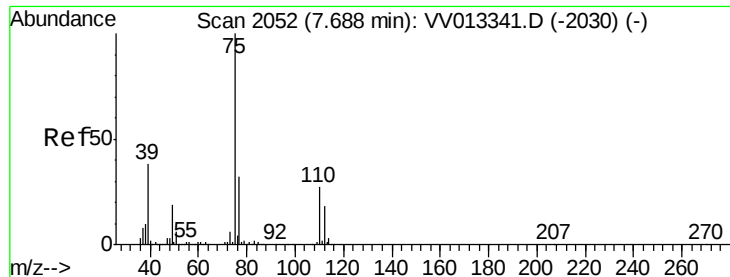
Tgt Ion: 83 Resp: 61502
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.3 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013342.D
Acq: 25 Oct 2019 13:41

Tgt Ion: 63 Resp: 25773
Ion Ratio Lower Upper
63 100
112 0.3 4.1 6.1#





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013342.D

Acq: 25 Oct 2019 13:41

Instrument :

MSVOA_V

ClientSampleId :

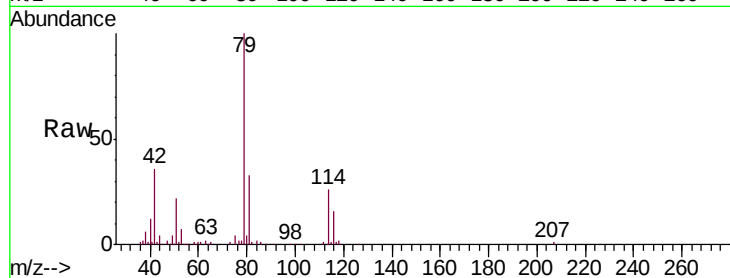
VBLK40

Tgt Ion: 75 Resp: 4581

Ion Ratio Lower Upper

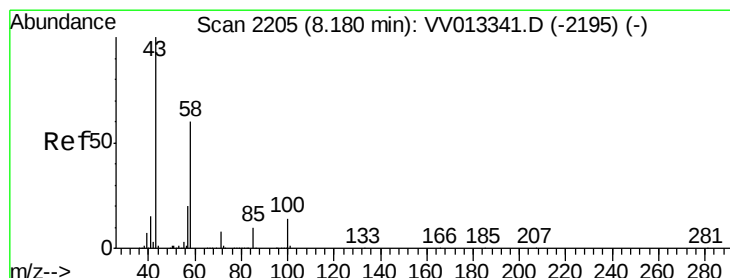
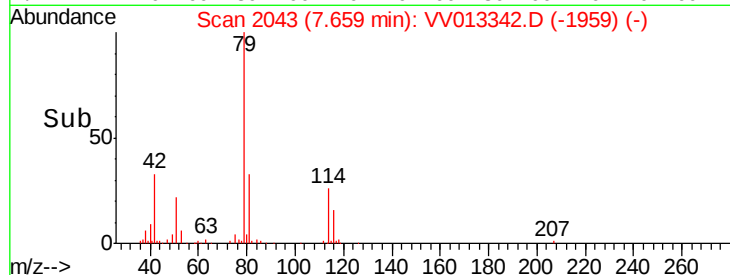
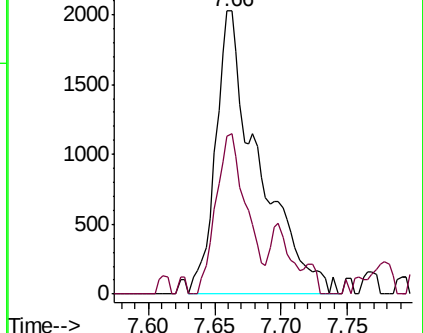
75 100

77 55.6 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.471 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV013342.D

Acq: 25 Oct 2019 13:41

Tgt Ion: 43 Resp: 24478

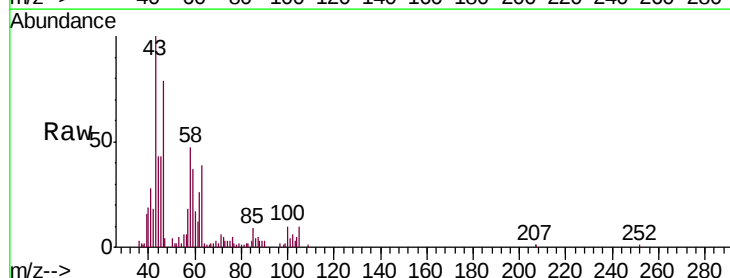
Ion Ratio Lower Upper

43 100

58 45.4 45.1 67.7

57 16.5 15.5 23.3

100 13.1 10.2 15.2

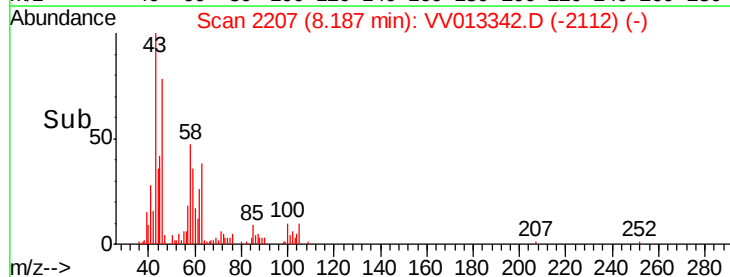
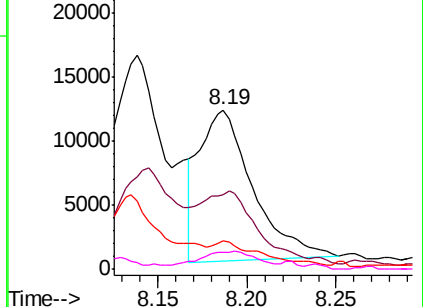


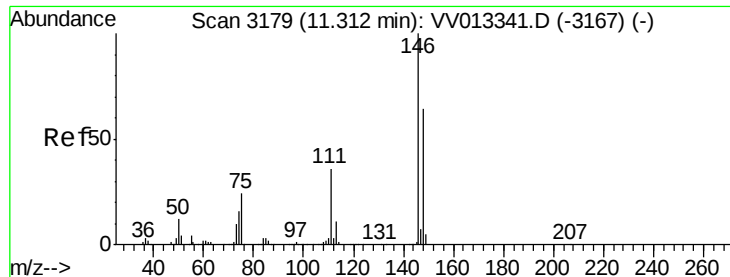
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

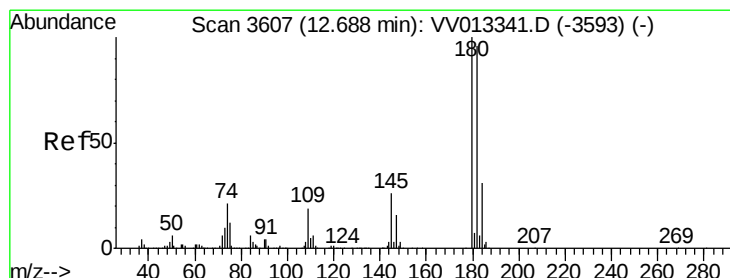
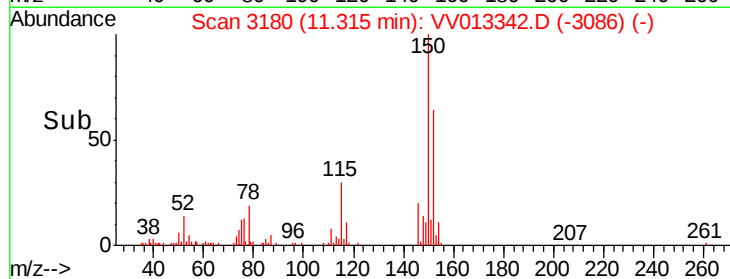
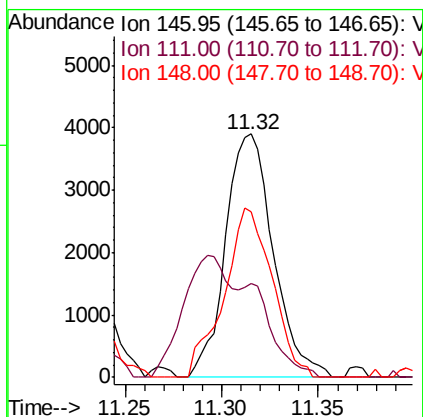
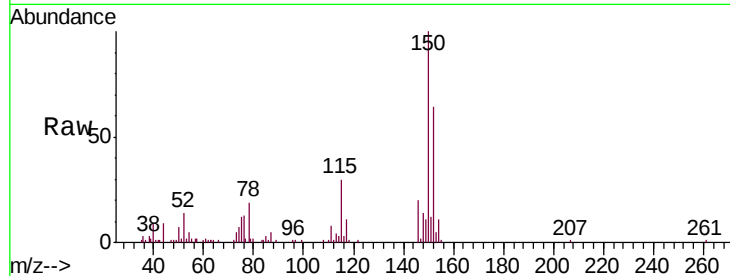




#63
 1,4-Dichlorobenzene
 Concen: 0.071 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013342.D
 Acq: 25 Oct 2019 13:41

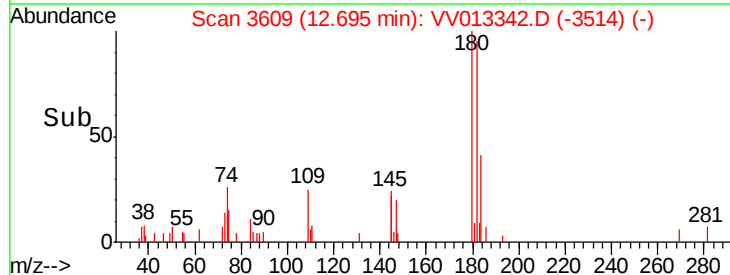
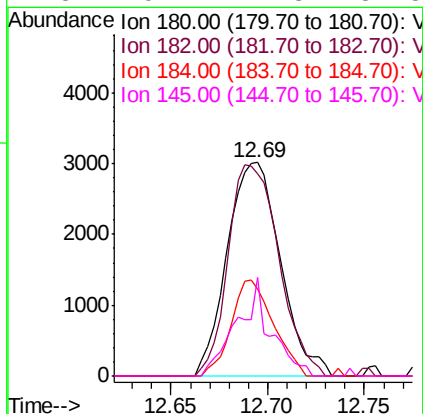
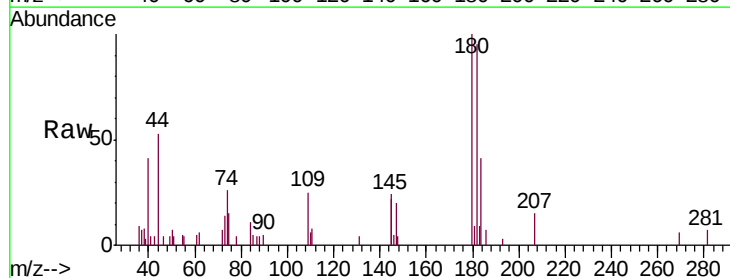
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK40

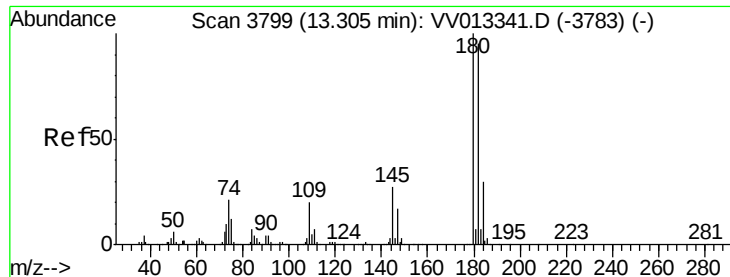
Tgt Ion:146 Resp: 6703
 Ion Ratio Lower Upper
 146 100
 111 38.8 24.6 45.6
 148 67.8 43.3 80.5



#67
 1,3,5-Trichlorobenzene
 Concen: 0.083 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.01 min
 Lab File: VV013342.D
 Acq: 25 Oct 2019 13:41

Tgt Ion:180 Resp: 5777
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.2 114.2
 184 35.5 24.0 36.0
 145 29.1 21.8 32.8

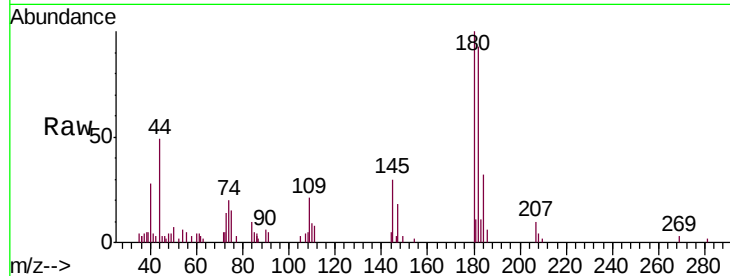




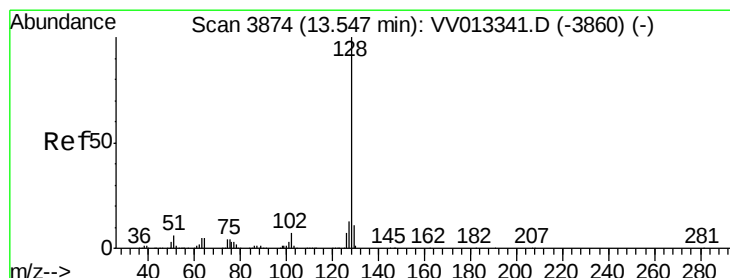
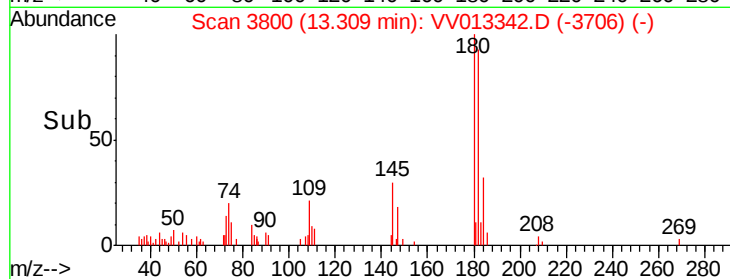
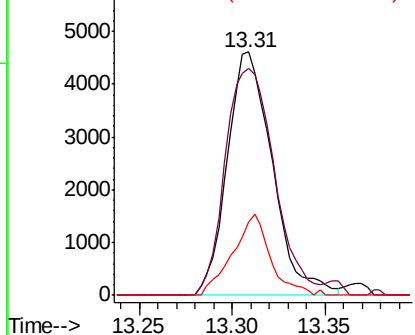
#68
 1,2,4-trichlorobenzene
 Concen: 0.129 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013342.D
 Acq: 25 Oct 2019 13:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK40

Tgt Ion:180 Resp: 7802
 Ion Ratio Lower Upper
 180 100
 182 101.5 76.7 115.1
 145 27.9 22.1 33.1

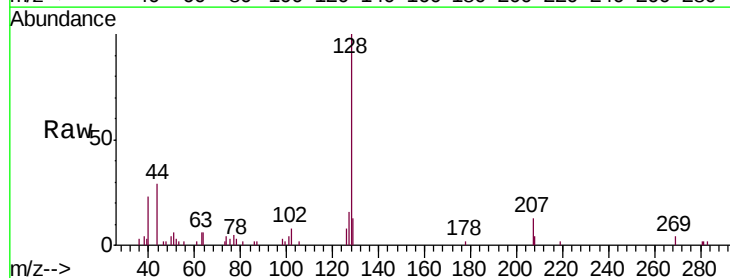


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

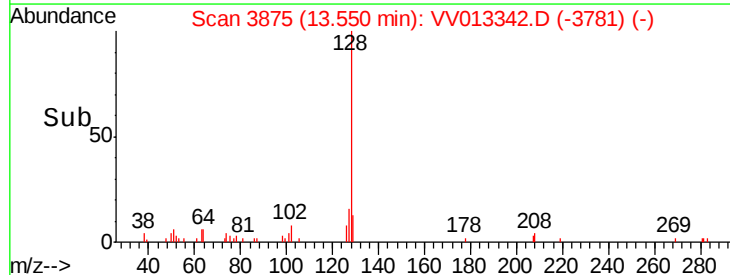
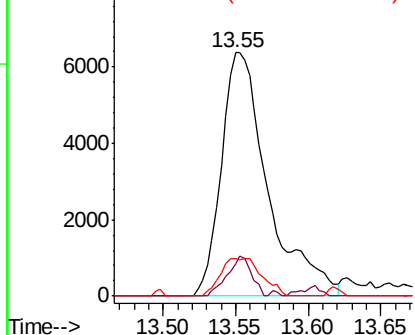


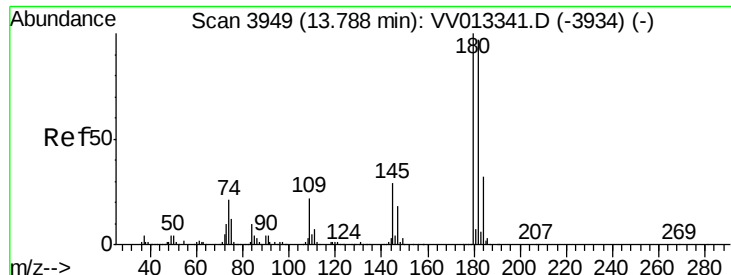
#69
 Naphthalene
 Concen: 0.170 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.00 min
 Lab File: VV013342.D
 Acq: 25 Oct 2019 13:41

Tgt Ion:128 Resp: 14190
 Ion Ratio Lower Upper
 128 100
 129 8.5 9.0 13.6#
 127 13.8 10.4 15.6



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

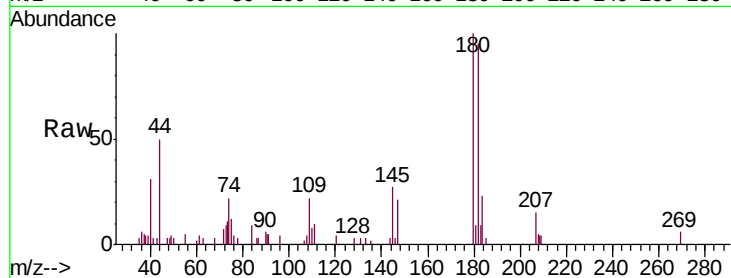




#70
 1,2,3-Trichlorobenzene
 Concen: 0.133 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013342.D
 Acq: 25 Oct 2019 13:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.5	114.7
145	27.8	23.5	35.3



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

