

Data File : VV013418.D
Acq On : 30 Oct 2019 01:05
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Quant Time: Oct 30 02:57:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	377959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	202217	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146006	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	127480	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	190760	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.96	46	391616	50.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	4.40	84	302371	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	164865	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	636799	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.11	67	202351	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	539211	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.66	79	67937	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	237665	48.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131822	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	213326	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

					Qvalue
8) Chloroethane	1.32	64	3003	0.135 ug/L	91
12) 1,1-Dichloroethene	2.13	96	2242	0.083 ug/L #	1
13) Acetone	2.22	43	7448	1.984 ug/L	77
14) Carbon disulfide	2.32	76	5269	0.064 ug/L #	69
21) 2-Butanone	4.14	43	177080	21.649 ug/L #	53
25) Chloroform	4.43	83	13051	0.186 ug/L	93
30) Cyclohexane	4.72	56	7559	0.129 ug/L #	84
33) Benzene	5.14	78	26850	0.190 ug/L	100
34) Trichloroethene	5.96	95	5765	0.149 ug/L	96
35) Methylcyclohexane	6.17	83	5823	0.101 ug/L #	77
37) 1,2-Dichloropropane	6.11	63	22359	0.626 ug/L #	88
42) Toluene	7.43	91	11058	0.075 ug/L	95
47) Tetrachloroethene	8.02	164	78372	2.386 ug/L	98
48) 2-Hexanone	8.19	43	20862	1.468 ug/L #	83
49) Dibromochloromethane	8.02	129	68395	2.326 ug/L #	11
53) m,p-xylene	9.18	106	7474	0.130 ug/L	100
69) Naphthalene	13.55	128	28734	0.497 ug/L #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Quantitation Report (Not Reviewed)

Data File : VV013418.D
Acq On : 30 Oct 2019 01:05
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Quant Time: Oct 30 02:57:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

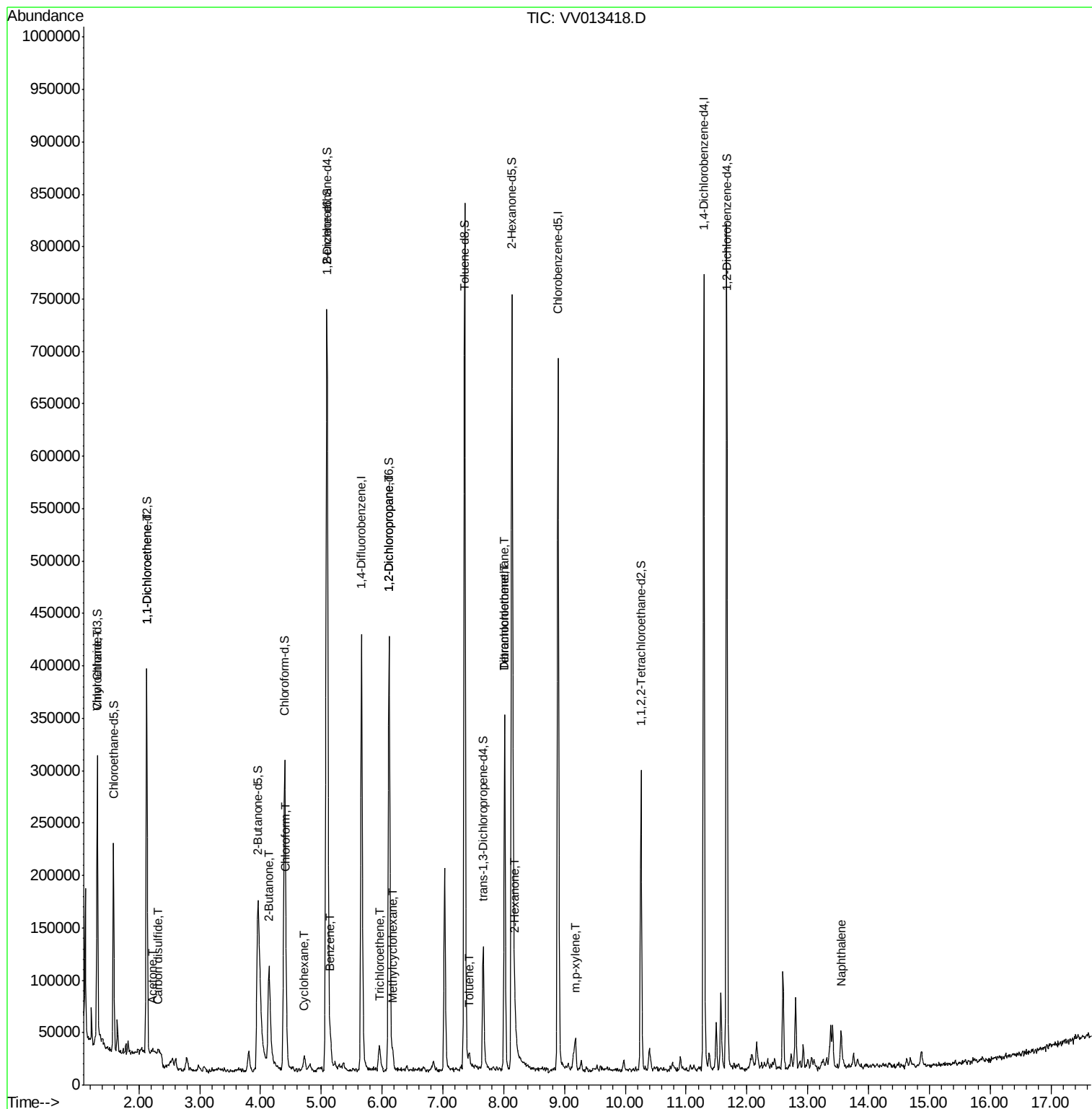
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

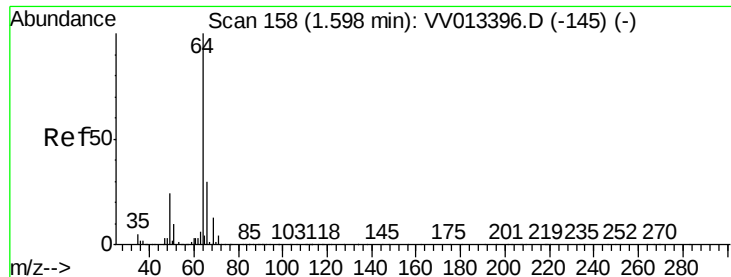
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013418.D
Acq On : 30 Oct 2019 01:05
Operator : SY/MD
Sample : K5597-19
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQE8

Quant Time: Oct 30 02:57:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.135 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

Instrument :

MSVOA_V

ClientSampled :

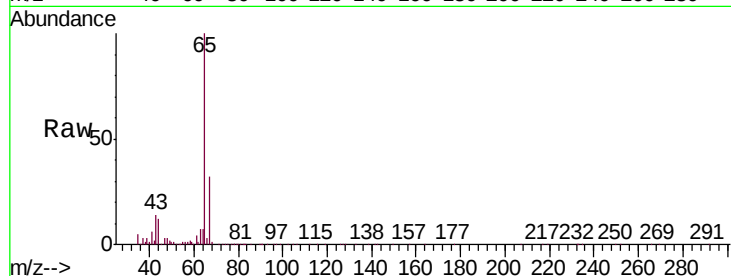
GAQE8

Tgt Ion: 64 Resp: 3003

Ion Ratio Lower Upper

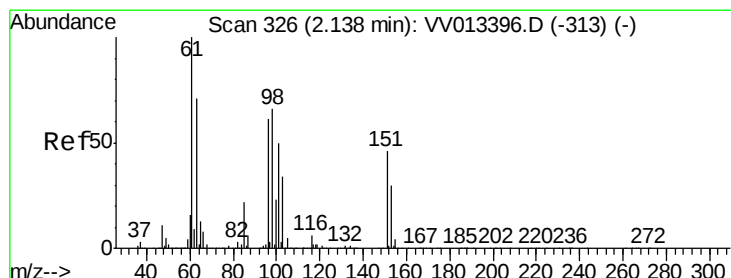
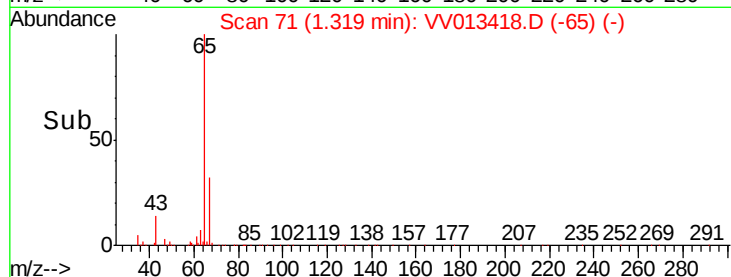
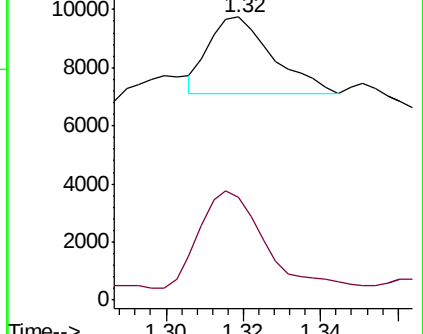
64 100

66 36.3 22.0 41.0



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

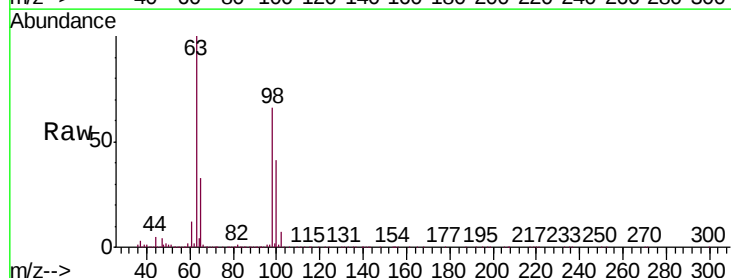
Tgt Ion: 96 Resp: 2242

Ion Ratio Lower Upper

96 100

61 1187.9 117.8 218.8#

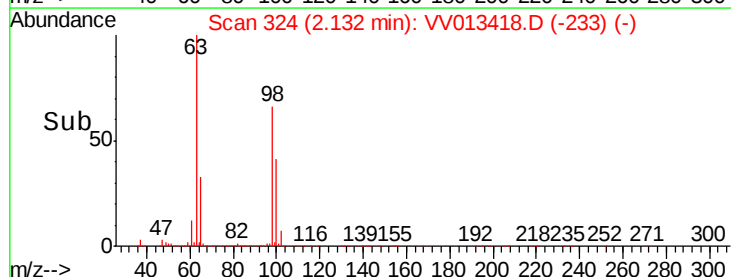
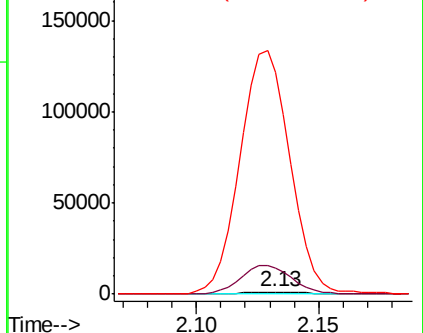
63 10170.2 85.5 158.9#

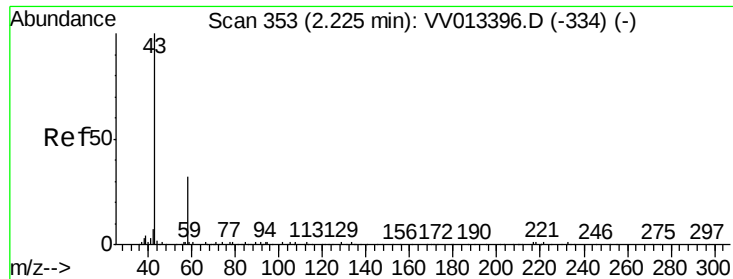


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.984 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

Instrument :

MSVOA_V

ClientSampleId :

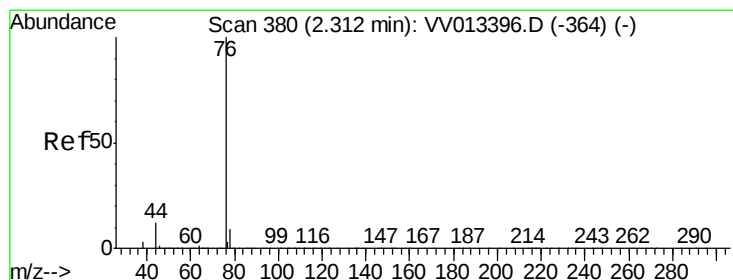
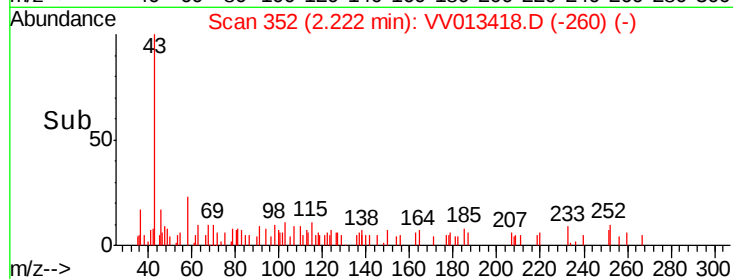
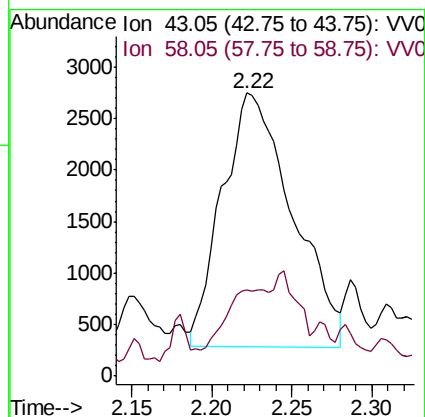
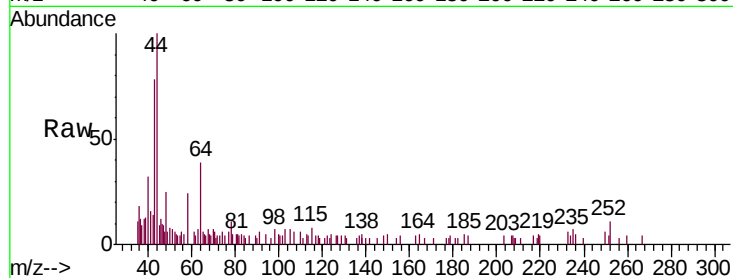
GAQE8

Tgt Ion: 43 Resp: 7448

Ion Ratio Lower Upper

43 100

58 17.0 0.0 59.0



#14

Carbon disulfide

Concen: 0.064 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013418.D

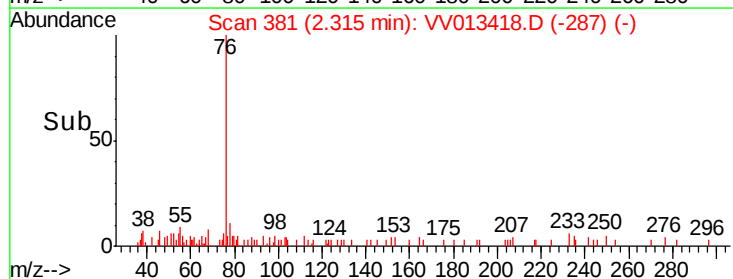
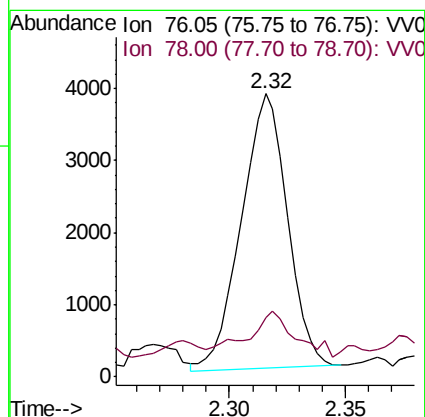
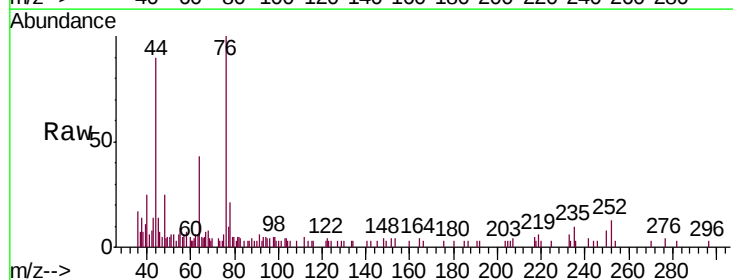
Acq: 30 Oct 2019 01:05

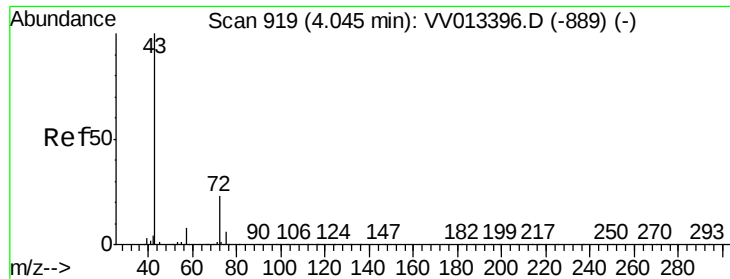
Tgt Ion: 76 Resp: 5269

Ion Ratio Lower Upper

76 100

78 20.9 7.5 11.3#





#21

2-Butanone

Concen: 21.649 ug/L

RT: 4.14 min Scan# 947

Delta R.T. 0.09 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

Instrument :

MSVOA_V

ClientSampleId :

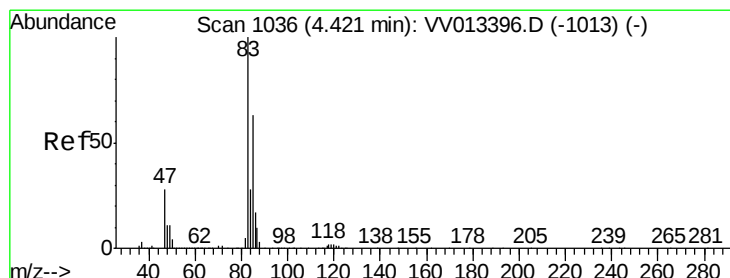
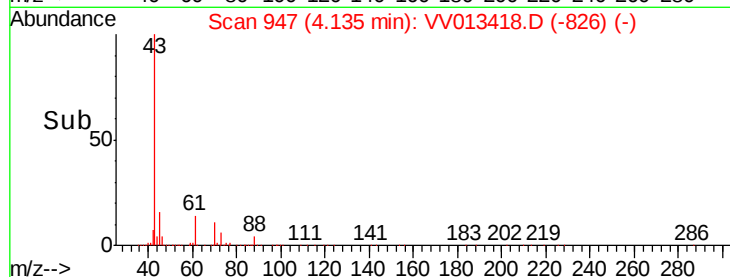
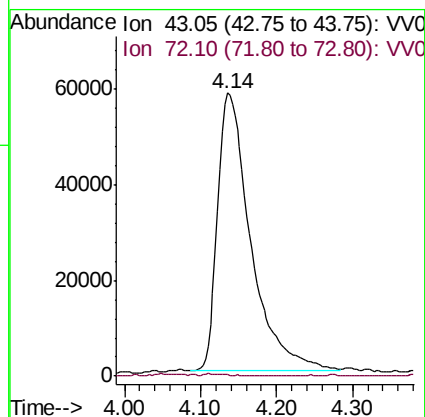
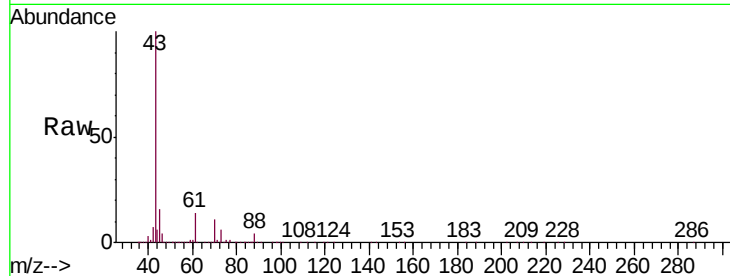
GAQE8

Tgt Ion: 43 Resp: 177080

Ion Ratio Lower Upper

43 100

72 0.1 11.3 33.9#



#25

Chloroform

Concen: 0.186 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV013418.D

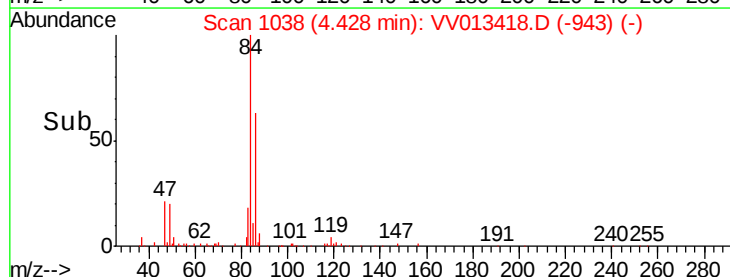
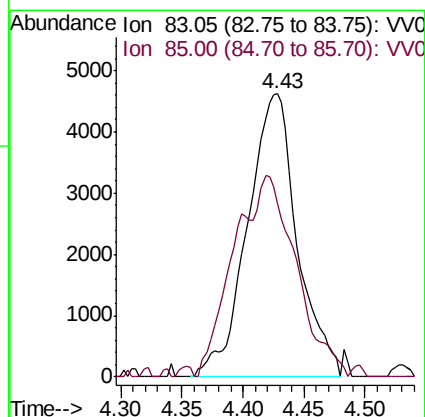
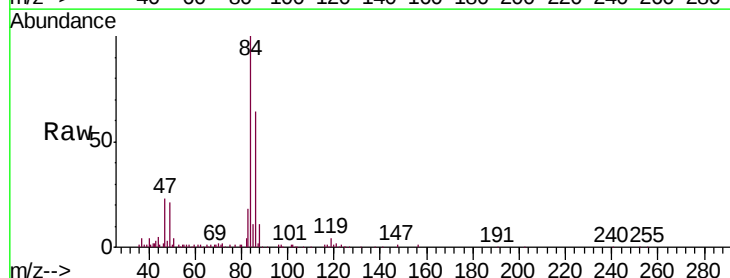
Acq: 30 Oct 2019 01:05

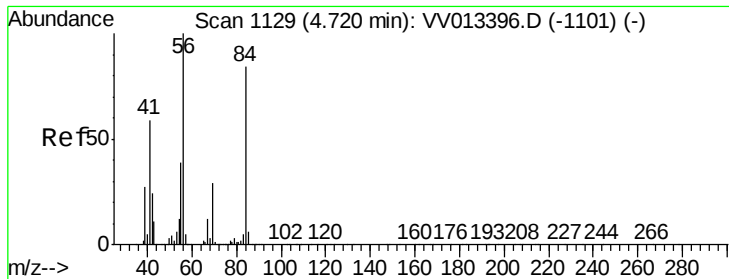
Tgt Ion: 83 Resp: 13051

Ion Ratio Lower Upper

83 100

85 61.0 46.5 86.5

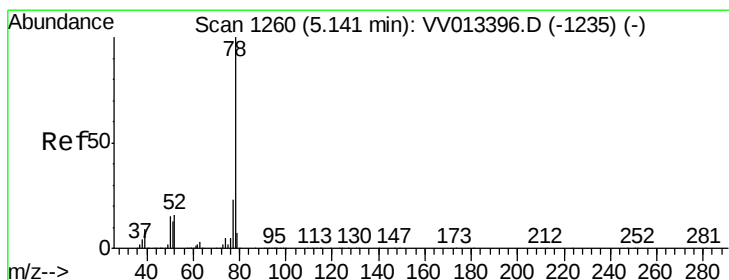
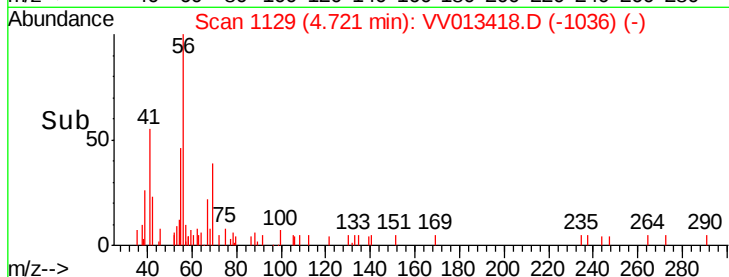
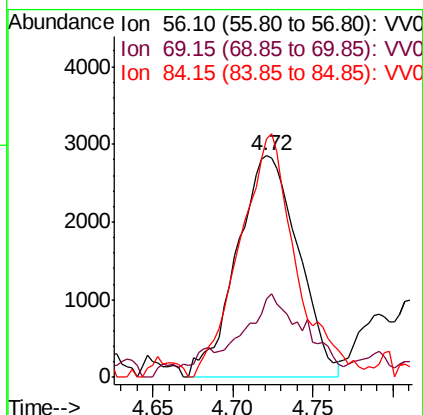
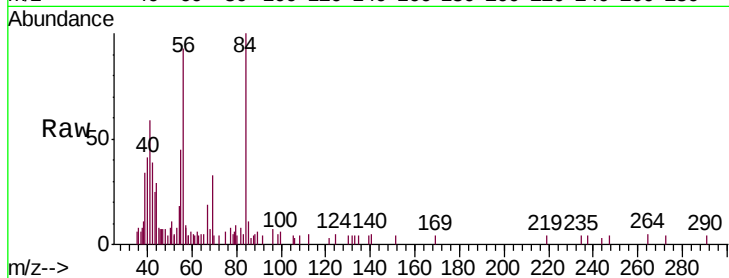




#30
Cyclohexane
Concen: 0.129 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV013418.D
Acq: 30 Oct 2019 01:05

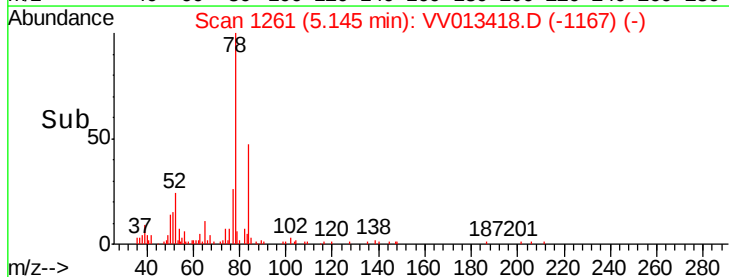
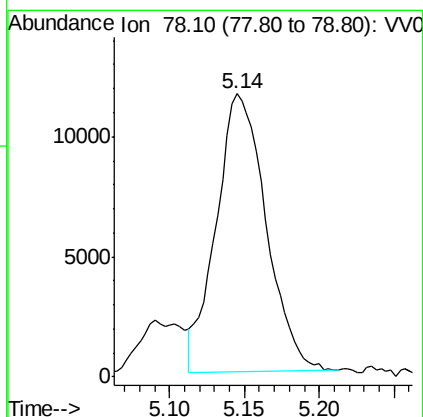
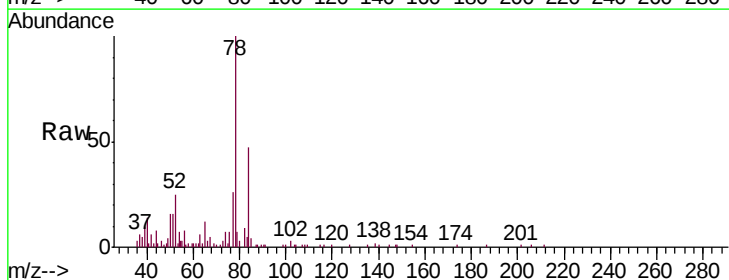
Instrument :
MSVOA_V
ClientSampleId :
GAQE8

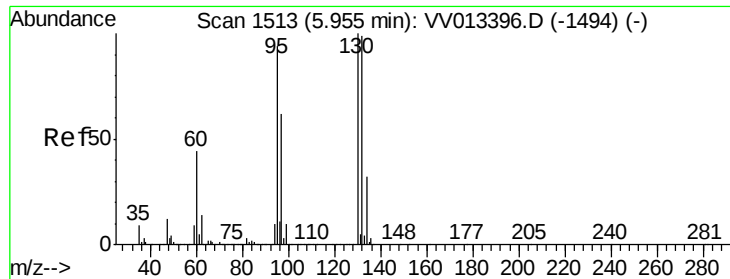
Tgt Ion: 56 Resp: 7559
Ion Ratio Lower Upper
56 100
69 29.1 22.7 34.1
84 100.5 65.5 98.3#



#33
Benzene
Concen: 0.190 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV013418.D
Acq: 30 Oct 2019 01:05

Tgt Ion: 78 Resp: 26850





#34

Trichloroethene

Concen: 0.149 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

Instrument :

MSVOA_V

ClientSampleId :

GAQE8

Tgt Ion: 95 Resp: 5765

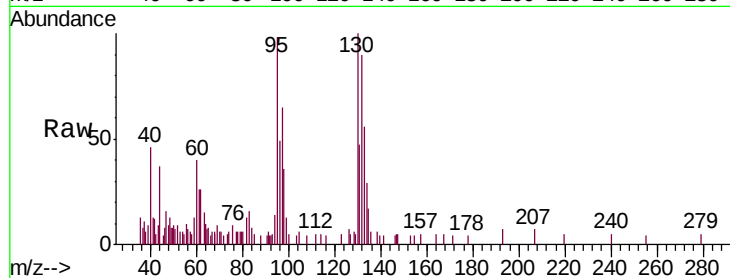
Ion Ratio Lower Upper

95 100

97 66.5 43.9 81.5

132 91.7 68.7 127.7

130 101.8 72.1 133.9

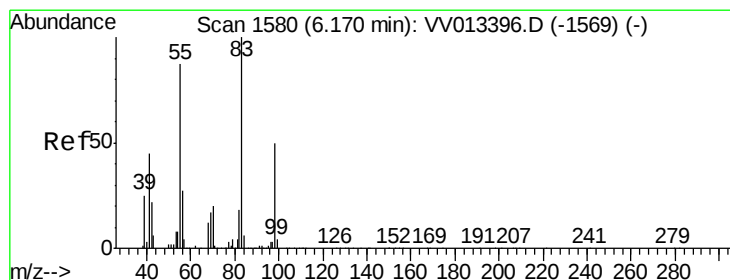
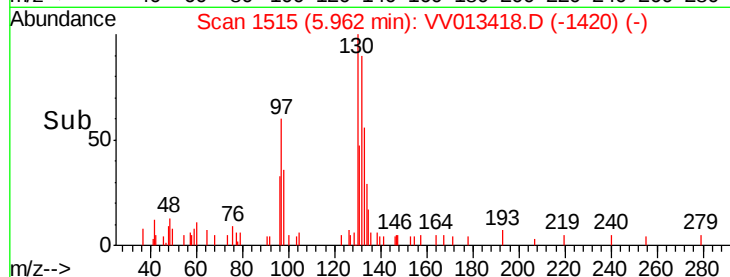
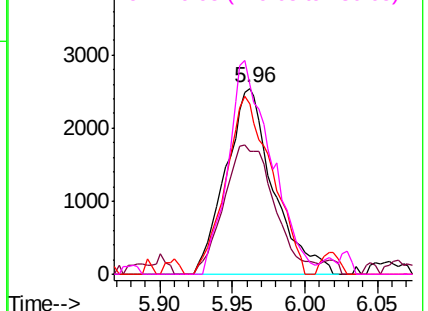


Abundance Ion 95.00 (94.70 to 95.70): VV013396.D (-1494) (-)

Ion 96.95 (96.65 to 97.65): VV013396.D (-1494) (-)

Ion 131.95 (131.65 to 132.65): VV013396.D (-1494) (-)

Ion 129.95 (129.65 to 130.65): VV013396.D (-1494) (-)



#35

Methylcyclohexane

Concen: 0.101 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

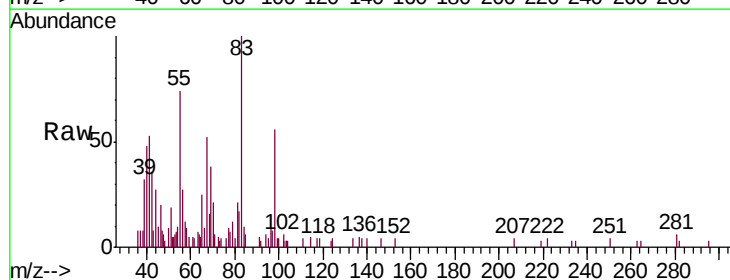
Tgt Ion: 83 Resp: 5823

Ion Ratio Lower Upper

83 100

55 103.6 66.0 99.0#

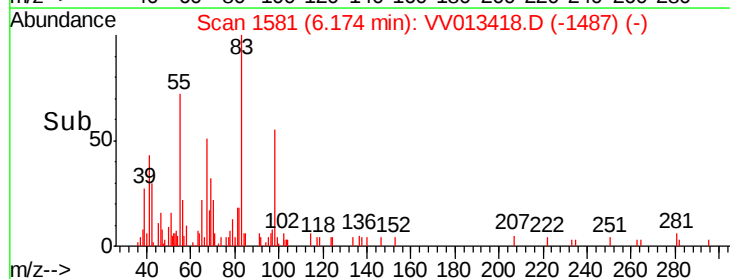
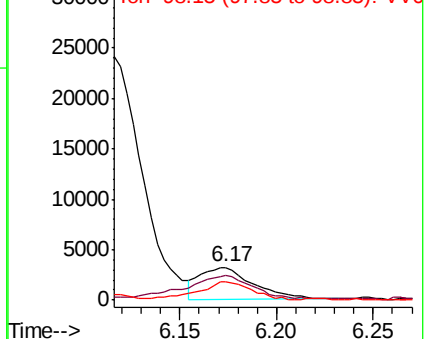
98 62.5 38.2 57.4#

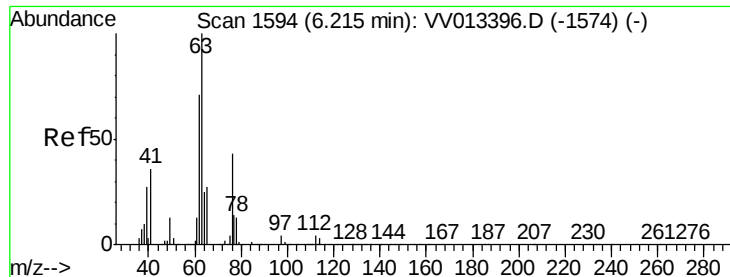


Abundance Ion 83.15 (82.85 to 83.85): VV013396.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV013396.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV013396.D (-1569) (-)





#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

Instrument :

MSVOA_V

ClientSampleId :

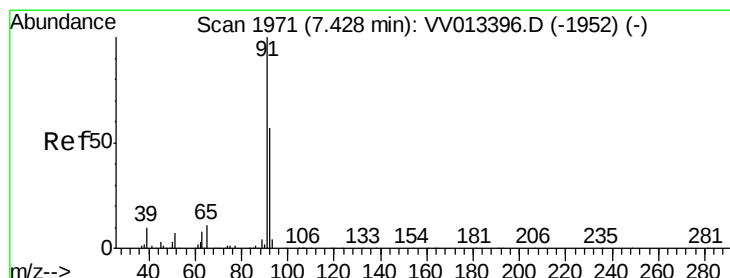
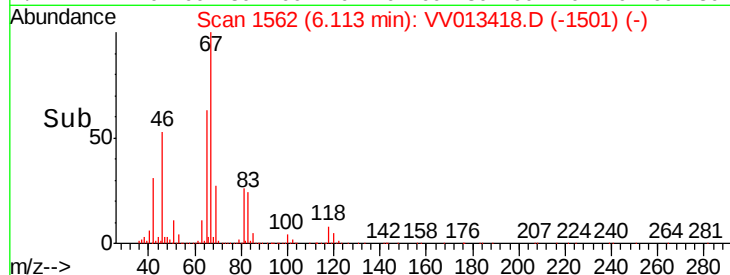
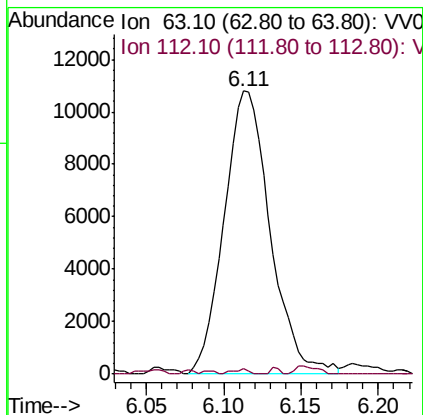
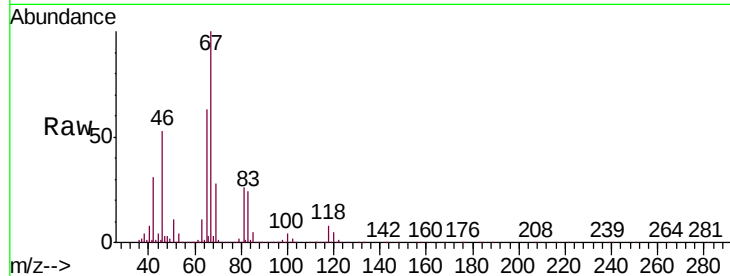
GAQE8

Tgt Ion: 63 Resp: 22359

Ion Ratio Lower Upper

63 100

112 0.6 3.6 5.4#



#42

Toluene

Concen: 0.075 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013418.D

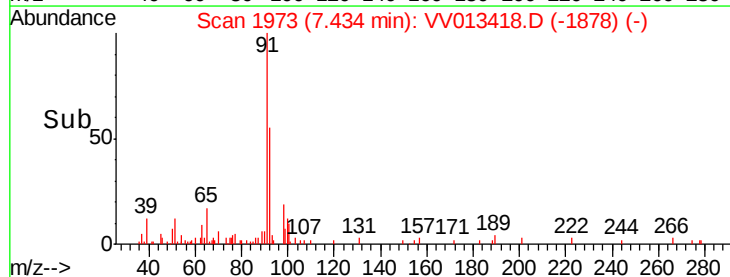
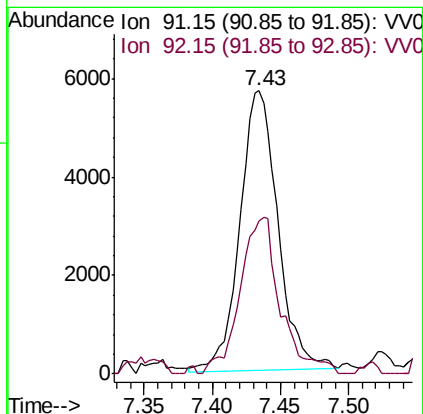
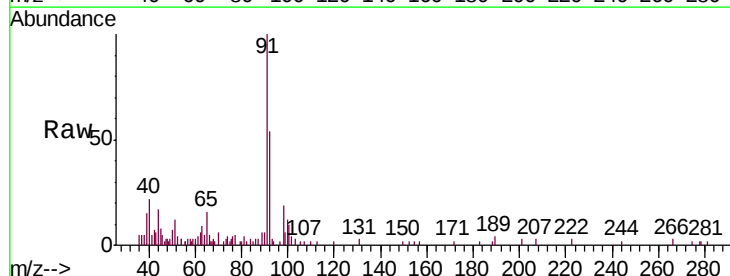
Acq: 30 Oct 2019 01:05

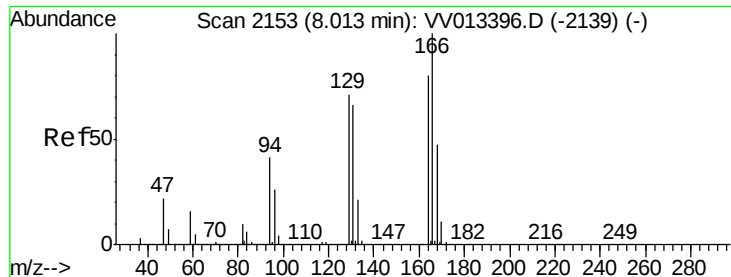
Tgt Ion: 91 Resp: 11058

Ion Ratio Lower Upper

91 100

92 53.8 40.3 74.8

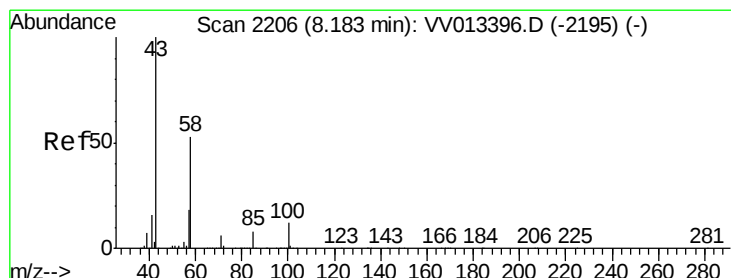
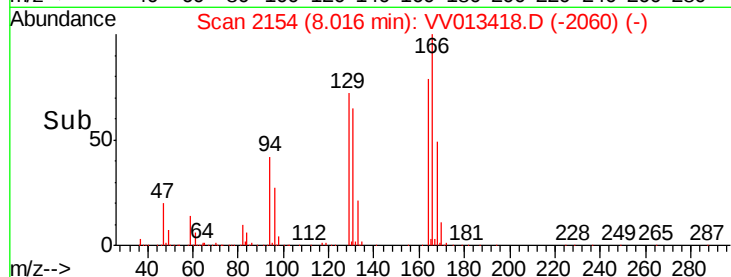
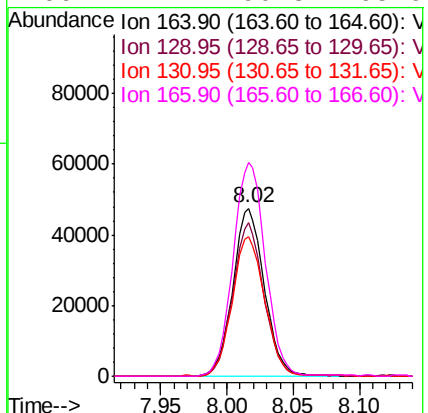
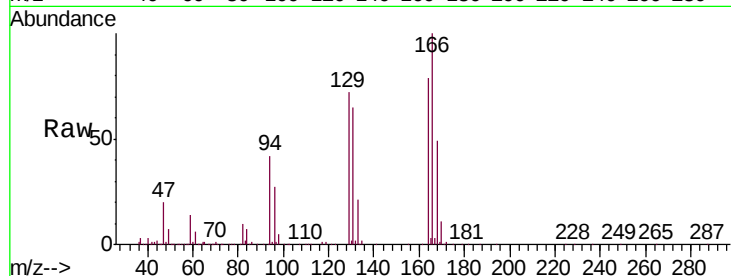




#47
Tetrachloroethene
Concen: 2.386 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013418.D
Acq: 30 Oct 2019 01:05

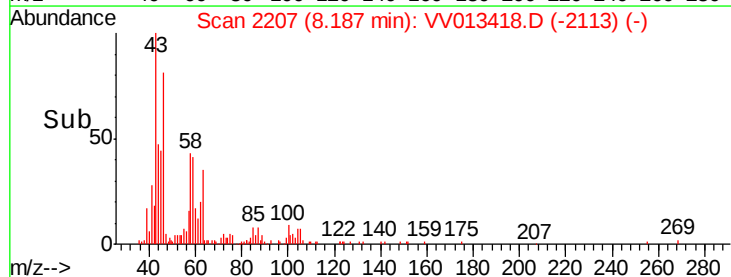
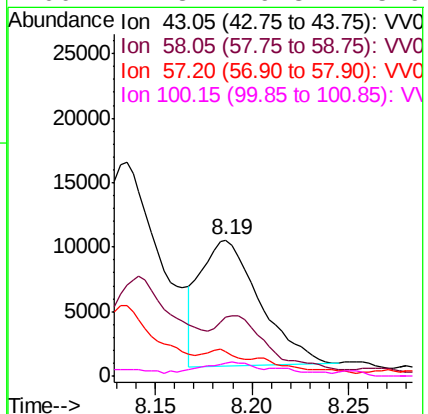
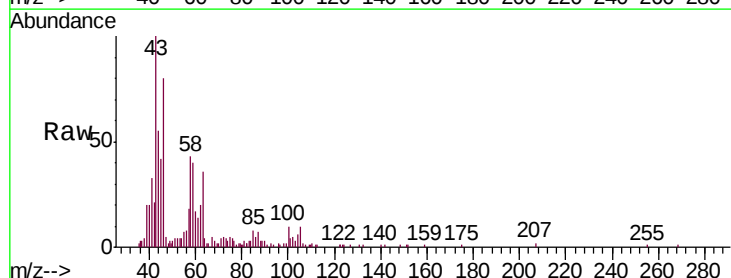
Instrument :
MSVOA_V
ClientSampleId :
GAQE8

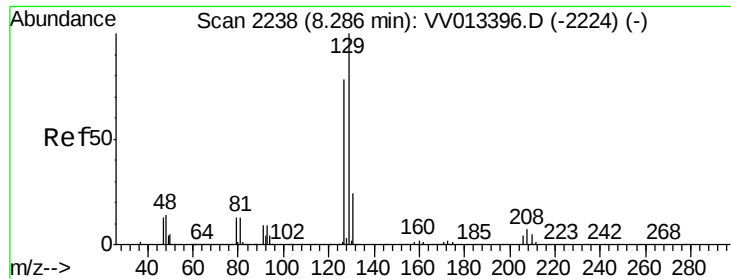
Tgt Ion:164 Resp: 78372
Ion Ratio Lower Upper
164 100
129 91.3 63.4 117.8
131 83.0 60.3 112.1
166 127.4 90.8 168.6



#48
2-Hexanone
Concen: 1.468 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013418.D
Acq: 30 Oct 2019 01:05

Tgt Ion: 43 Resp: 20862
Ion Ratio Lower Upper
43 100
58 44.9 43.5 65.3
57 3.7 14.3 21.5#
100 7.3 9.3 13.9#





#49

Dibromochloromethane

Concen: 2.326 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

Instrument :

MSVOA_V

ClientSampleId :

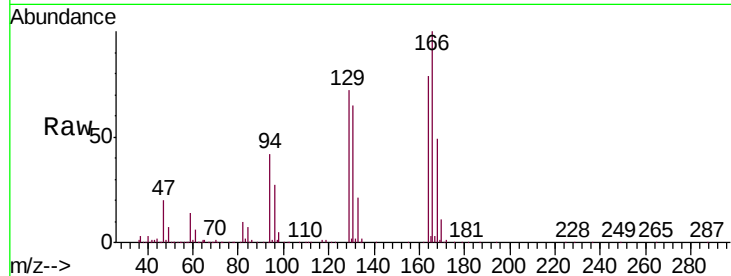
GAQE8

Tgt Ion:129 Resp: 68395

Ion Ratio Lower Upper

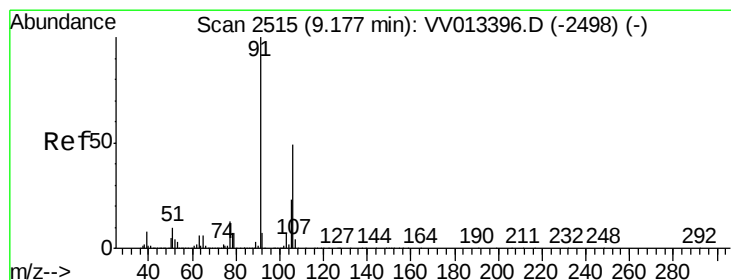
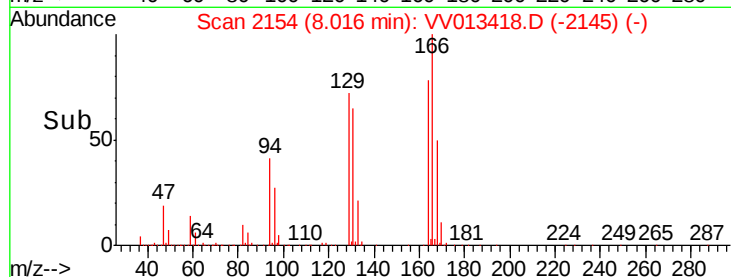
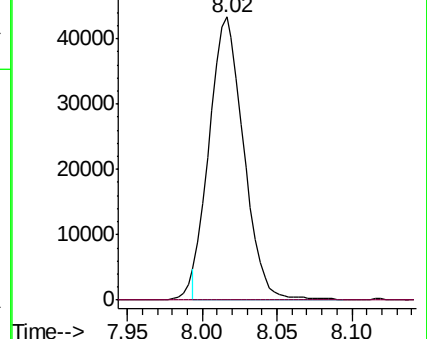
129 100

127 0.0 53.8 100.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#53

m,p-xylene

Concen: 0.130 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013418.D

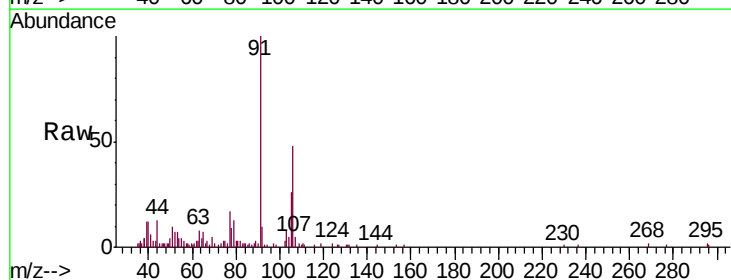
Acq: 30 Oct 2019 01:05

Tgt Ion:106 Resp: 7474

Ion Ratio Lower Upper

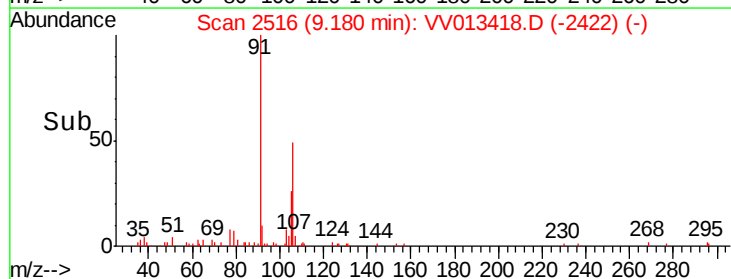
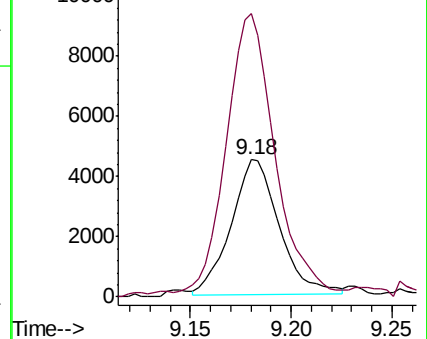
106 100

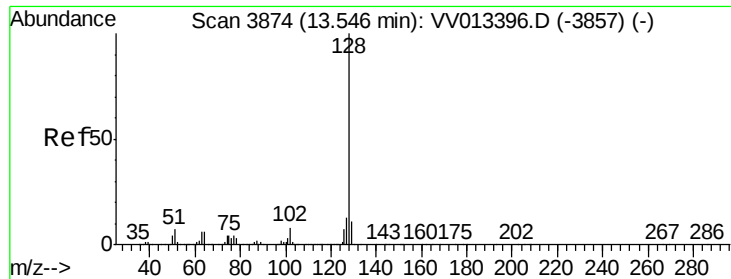
91 206.5 144.3 267.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#69

Naphthalene

Concen: 0.497 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV013418.D

Acq: 30 Oct 2019 01:05

Instrument :

MSVOA_V

ClientSampleId :

GAQE8

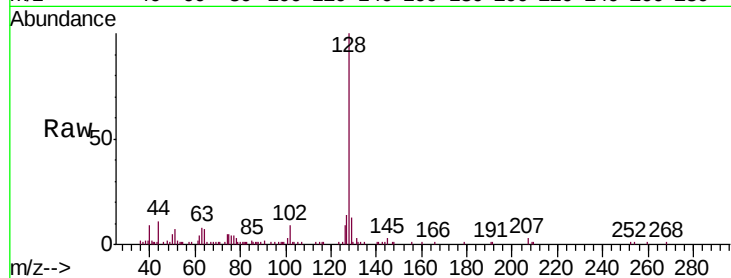
Tgt Ion:128 Resp: 28734

Ion Ratio Lower Upper

128 100

129 15.0 8.7 13.1#

127 14.5 10.6 16.0



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

