

Data File : VV013417.D
Acq On : 30 Oct 2019 00:41
Operator : SY/MD
Sample : K5597-18
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQE7

Quant Time: Oct 30 02:57:42 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	363313	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	203764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149807	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	127364	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	193051	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.95	46	398505	50.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.40	84	311986	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	156537	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.10	84	637618	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	201879	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	556130	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	65994	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.13	63	234750	46.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	133357	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	216808	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7014	0.144 ug/L	97
13) Acetone	2.22	43	7082	1.844 ug/L	74
14) Carbon disulfide	2.32	76	5383	0.064 ug/L #	55
25) Chloroform	4.43	83	80153	1.114 ug/L	95
30) Cyclohexane	4.72	56	14168	0.235 ug/L #	64
31) Carbon tetrachloride	4.87	117	13989	0.268 ug/L	96
33) Benzene	5.15	78	38339	0.264 ug/L	100
35) Methylcyclohexane	6.18	83	8474	0.143 ug/L #	72
37) 1,2-Dichloropropane	6.12	63	21562	0.588 ug/L #	89
42) Toluene	7.43	91	11853	0.078 ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	3172	0.081 ug/L #	71
47) Tetrachloroethene	8.02	164	84686	2.512 ug/L	96
48) 2-Hexanone	8.18	43	23661	1.622 ug/L #	81
49) Dibromochloromethane	8.02	129	71437	2.367 ug/L #	12
53) m,p-xylene	9.18	106	11200	0.189 ug/L	83
69) Naphthalene	13.55	128	42749	0.733 ug/L	98

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

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Operator : SY/MD
Sample : K5597-18
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

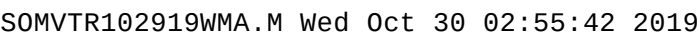
Instrument :
MSVOA_V
ClientSampleId :
GAQE7

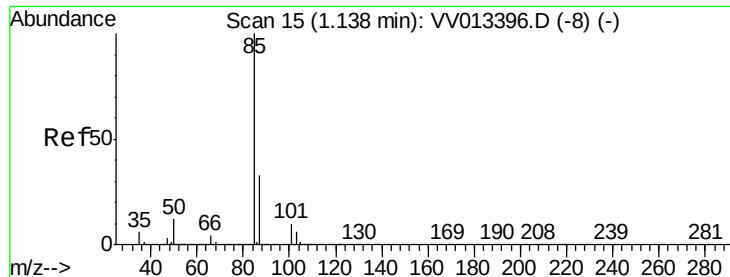
Quant Time: Oct 30 02:57:42 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Oct 30 02:57:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
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#2

Dichlorodifluoromethane

Concen: 0.144 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV013417.D

Acq: 30 Oct 2019 00:41

Instrument :

MSVOA_V

ClientSampleId :

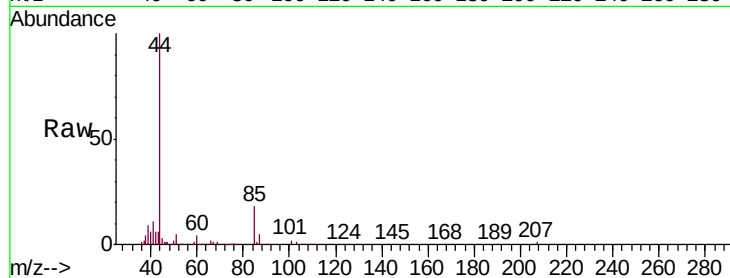
GAQE7

Tgt Ion: 85 Resp: 7014

Ion Ratio Lower Upper

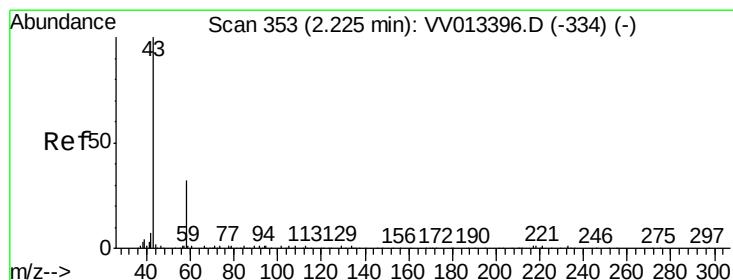
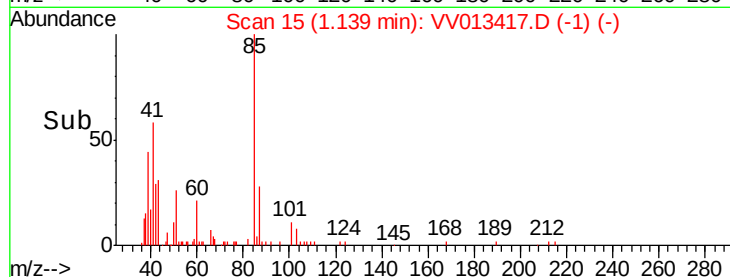
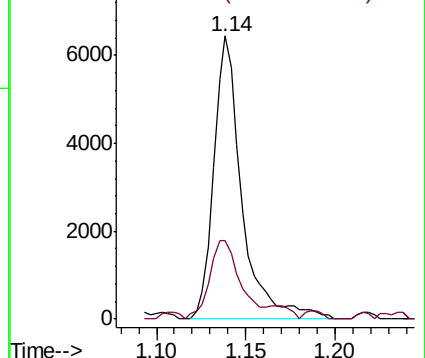
85 100

87 30.7 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 1.844 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV013417.D

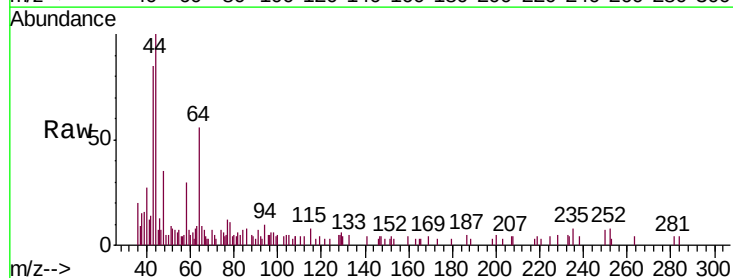
Acq: 30 Oct 2019 00:41

Tgt Ion: 43 Resp: 7082

Ion Ratio Lower Upper

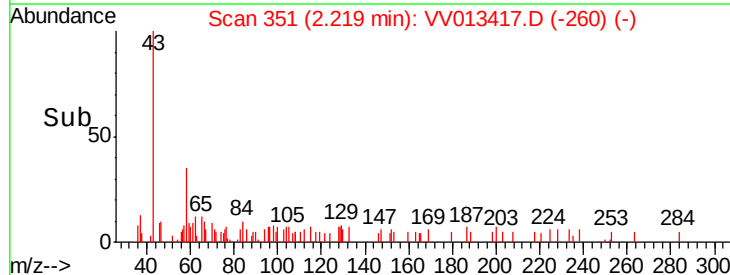
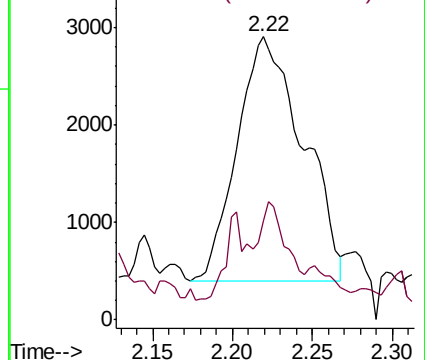
43 100

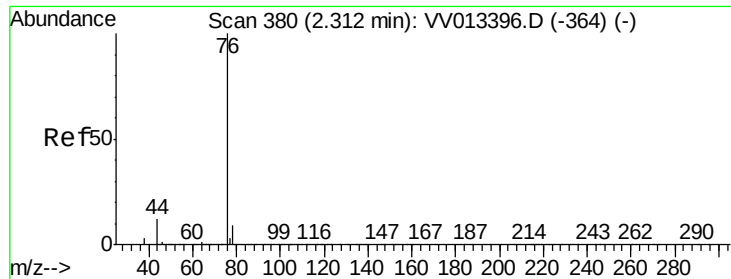
58 15.7 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.064 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013417.D

Acq: 30 Oct 2019 00:41

Instrument :

MSVOA_V

ClientSampled :

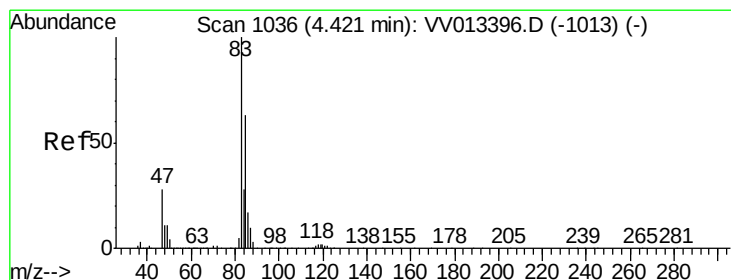
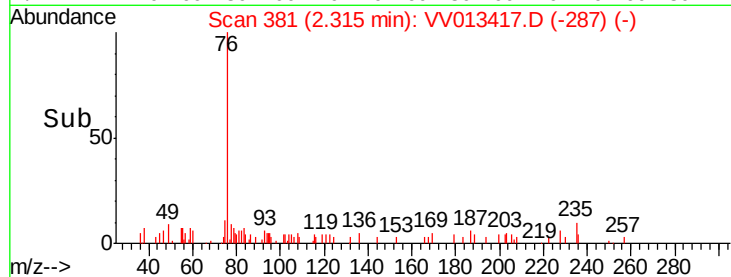
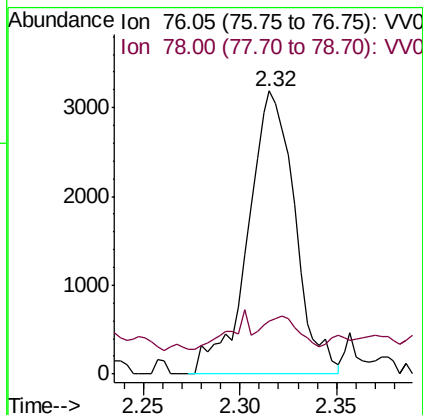
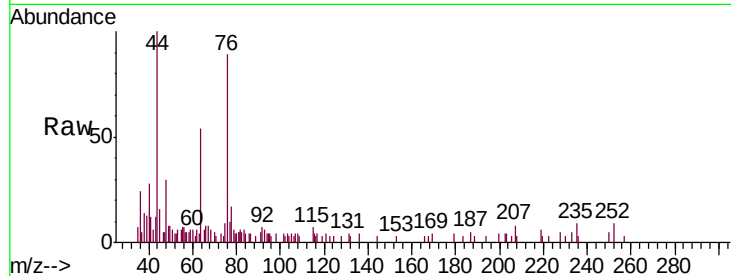
GAQE7

Tgt Ion: 76 Resp: 5383

Ion Ratio Lower Upper

76 100

78 25.9 7.5 11.3#



#25

Chloroform

Concen: 1.114 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV013417.D

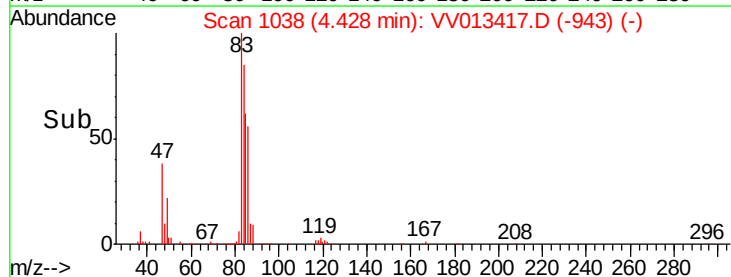
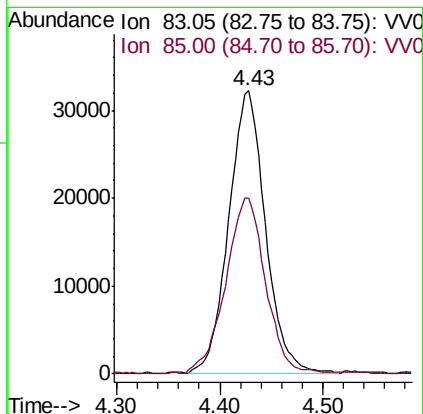
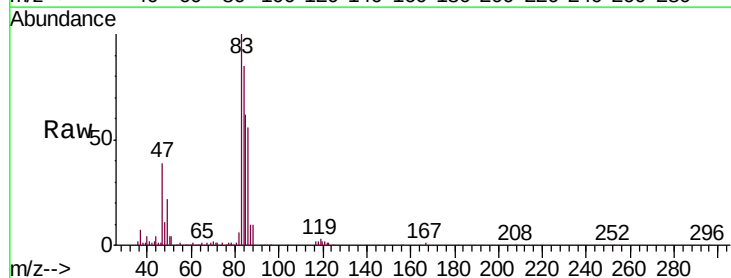
Acq: 30 Oct 2019 00:41

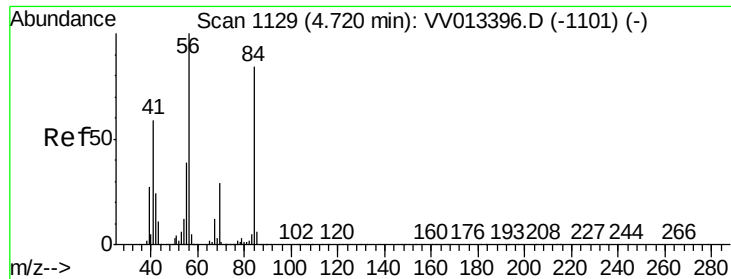
Tgt Ion: 83 Resp: 80153

Ion Ratio Lower Upper

83 100

85 62.1 46.5 86.5

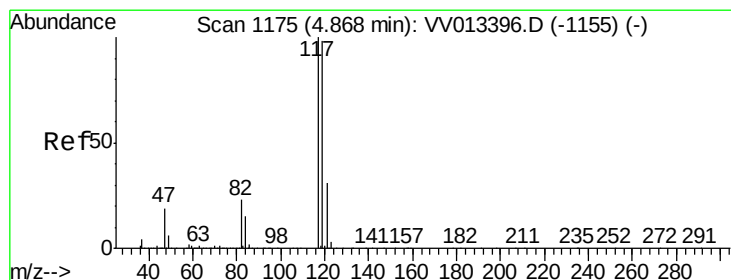
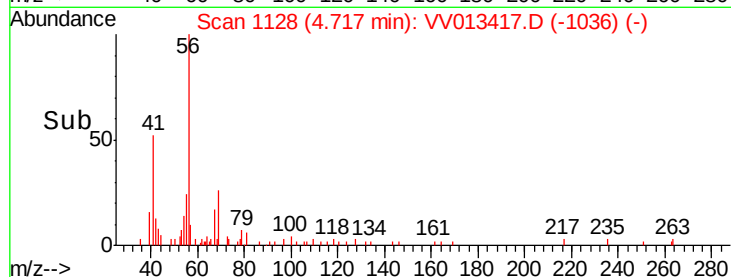
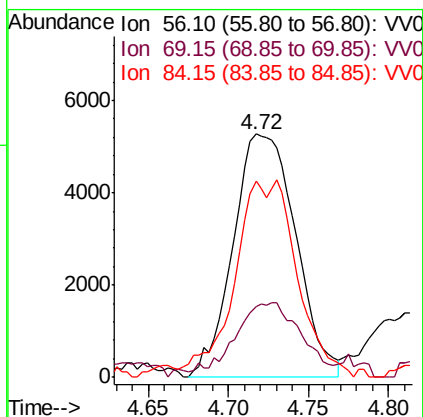
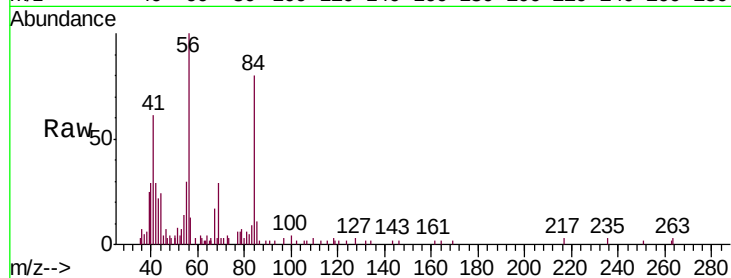




#30
Cyclohexane
Concen: 0.235 ug/L
RT: 4.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

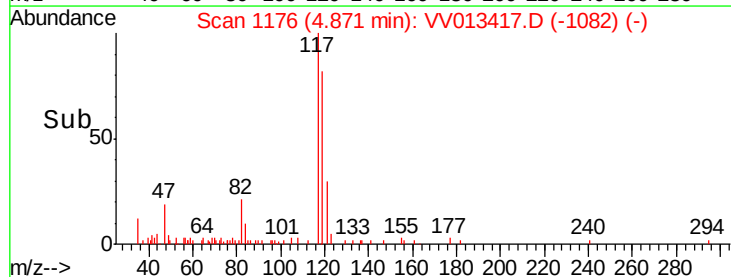
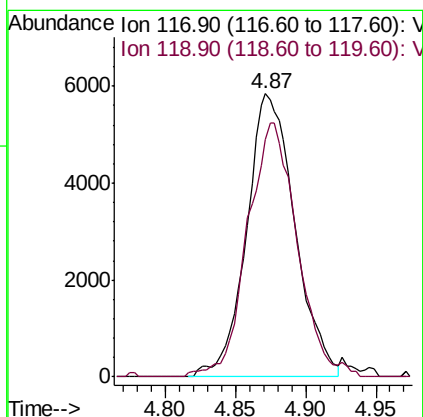
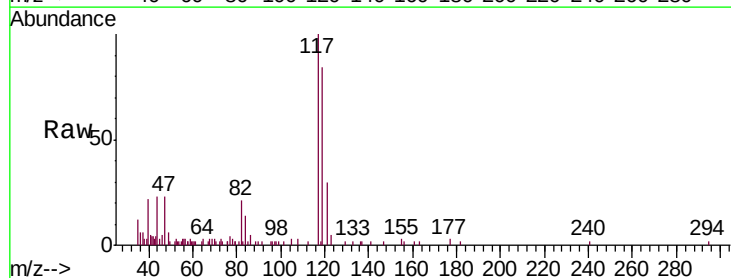
Instrument :
MSVOA_V
ClientSampleId :
GAQE7

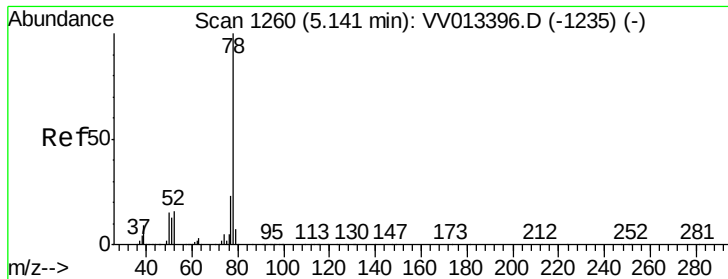
Tgt Ion: 56 Resp: 14168
Ion Ratio Lower Upper
56 100
69 28.5 22.7 34.1
84 38.4 65.5 98.3#



#31
Carbon tetrachloride
Concen: 0.268 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Tgt Ion: 117 Resp: 13989
Ion Ratio Lower Upper
117 100
119 92.5 76.7 115.1





#33

Benzene

Concen: 0.264 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV013417.D

Acq: 30 Oct 2019 00:41

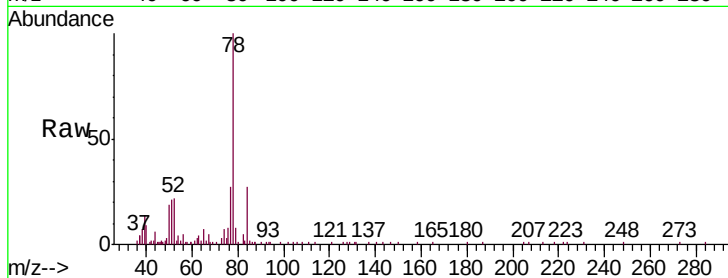
Instrument :

MSVOA_V

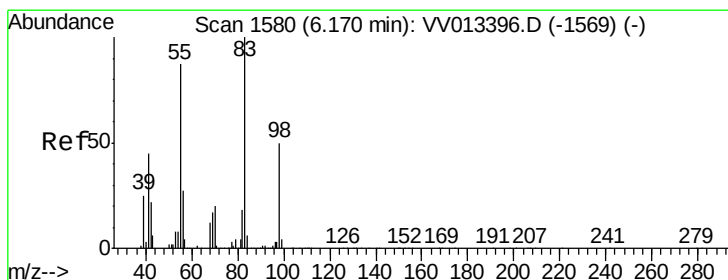
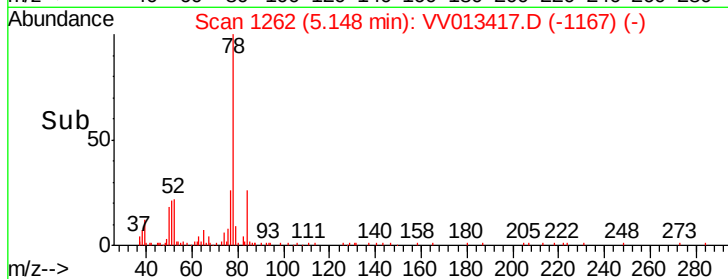
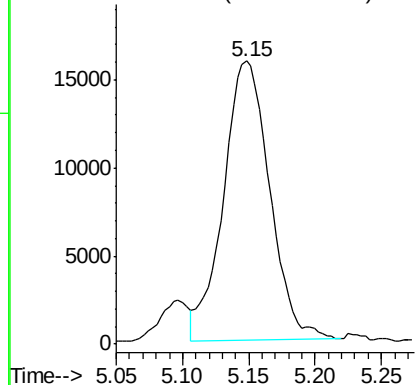
ClientSampleId :

GAQE7

Tgt Ion: 78 Resp: 38339



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.143 ug/L

RT: 6.18 min Scan# 1582

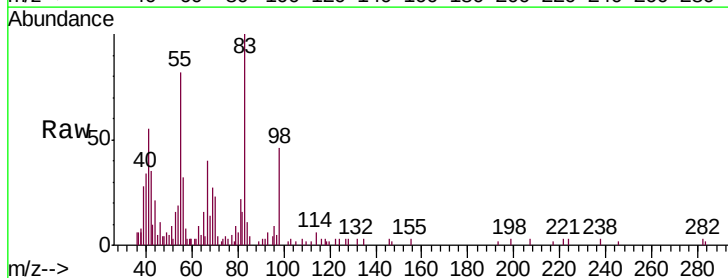
Delta R.T. 0.01 min

Lab File: VV013417.D

Acq: 30 Oct 2019 00:41

Tgt Ion: 83 Resp: 8474

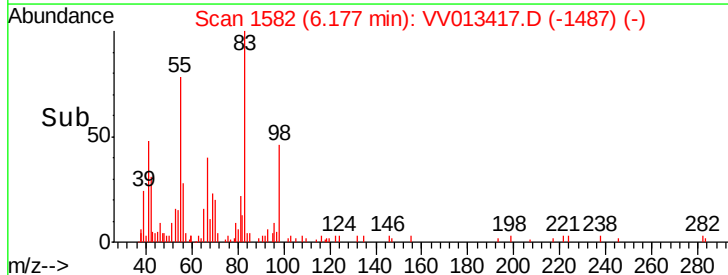
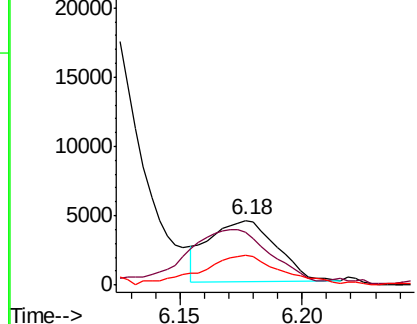
Ion	Ratio	Lower	Upper
83	100		
55	114.7	66.0	99.0#
98	57.5	38.2	57.4#

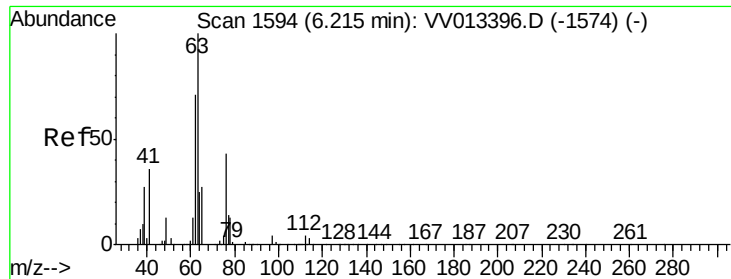


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

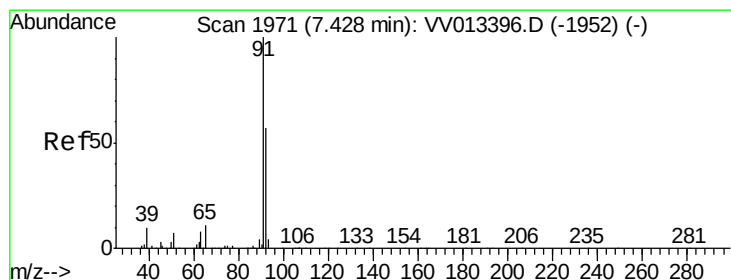
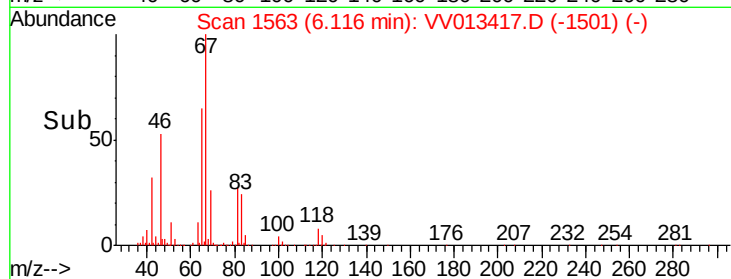
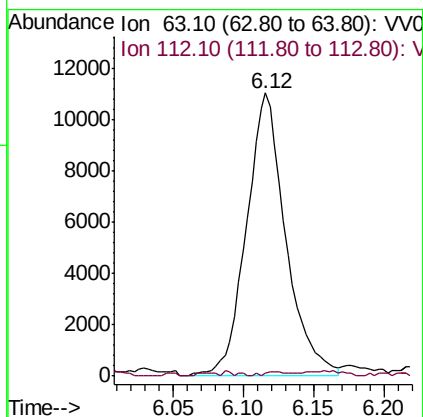
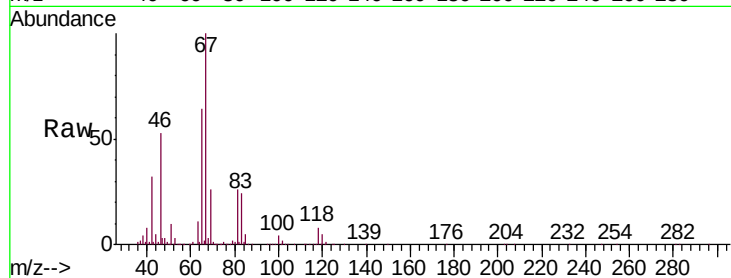




#37
 1,2-Dichloropropane
 Concen: 0.588 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013417.D
 Acq: 30 Oct 2019 00:41

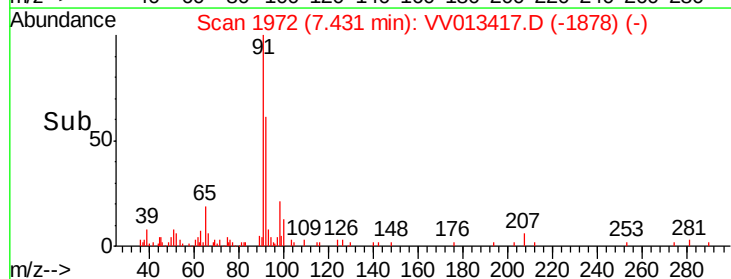
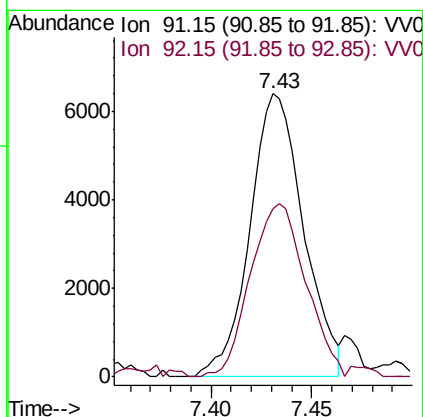
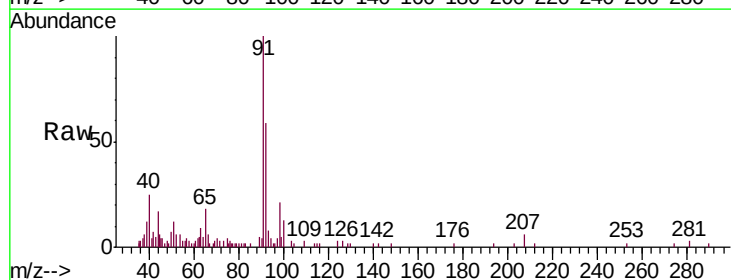
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE7

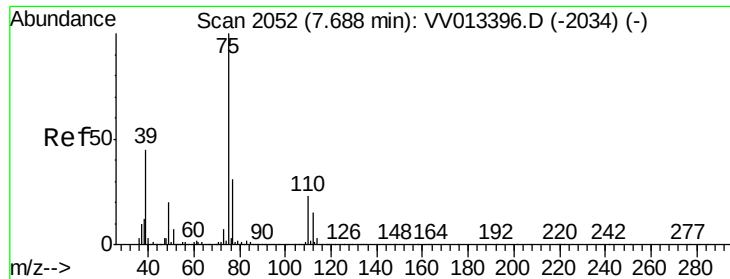
Tgt Ion: 63 Resp: 21562
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.6 5.4#



#42
 Toluene
 Concen: 0.078 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV013417.D
 Acq: 30 Oct 2019 00:41

Tgt Ion: 91 Resp: 11853
 Ion Ratio Lower Upper
 91 100
 92 59.2 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013417.D

Acq: 30 Oct 2019 00:41

Instrument :

MSVOA_V

ClientSampleId :

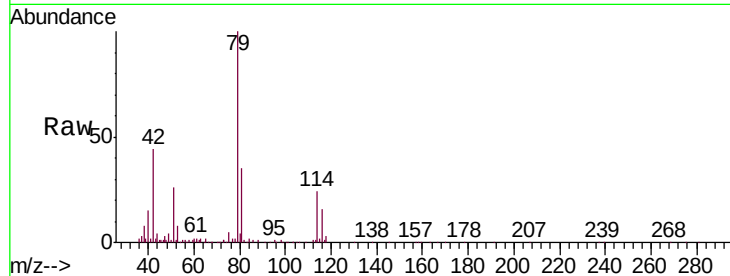
GAQE7

Tgt Ion: 75 Resp: 3172

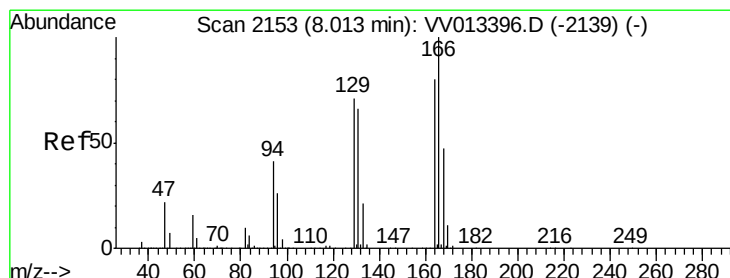
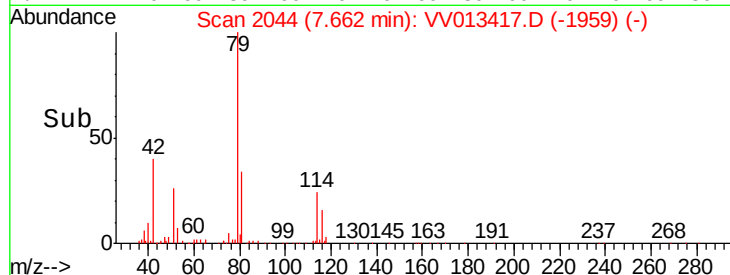
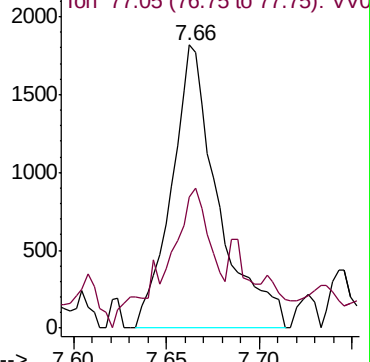
Ion Ratio Lower Upper

75 100

77 46.4 21.5 39.9#



Abundance Ion 75.05 (74.75 to 75.75): VV013396.D (-2034) (-)



#47

Tetrachloroethene

Concen: 2.512 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013417.D

Acq: 30 Oct 2019 00:41

Tgt Ion: 164 Resp: 84686

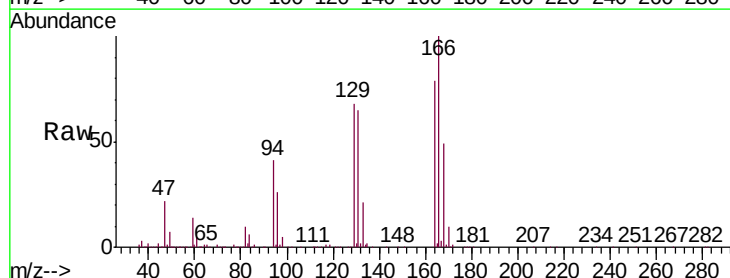
Ion Ratio Lower Upper

164 100

129 86.6 63.4 117.8

131 82.0 60.3 112.1

166 126.7 90.8 168.6

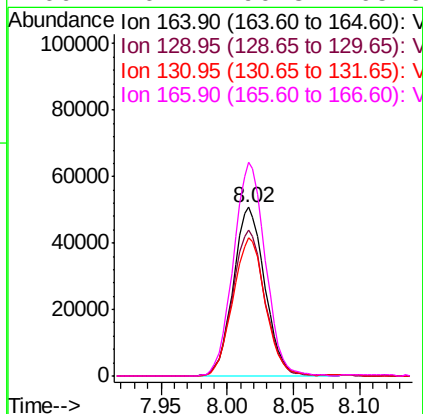
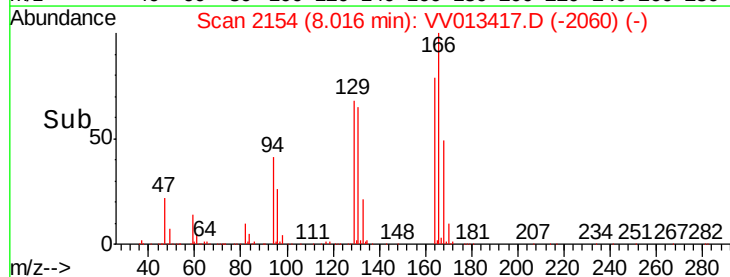


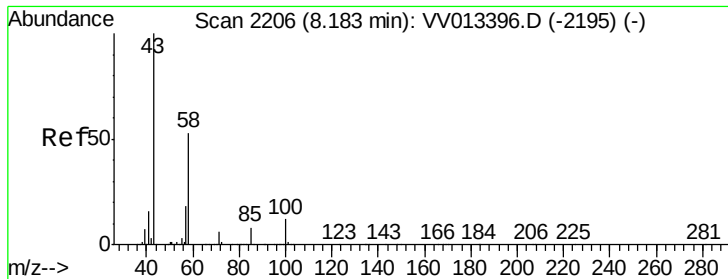
Abundance Ion 163.90 (163.60 to 164.60): VV013396.D (-2139) (-)

Ion 128.95 (128.65 to 129.65): VV013396.D (-2139) (-)

Ion 130.95 (130.65 to 131.65): VV013396.D (-2139) (-)

Ion 165.90 (165.60 to 166.60): VV013396.D (-2139) (-)

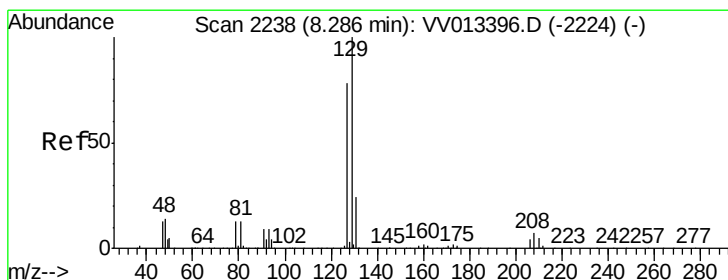
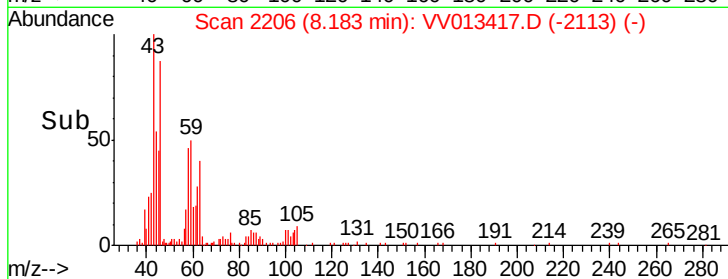
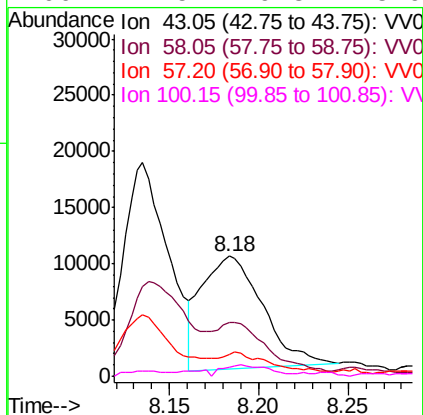
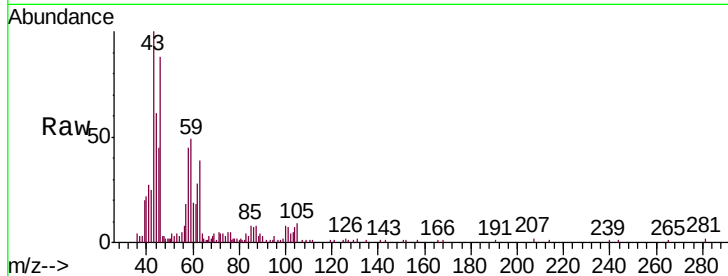




#48
2-Hexanone
Concen: 1.622 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

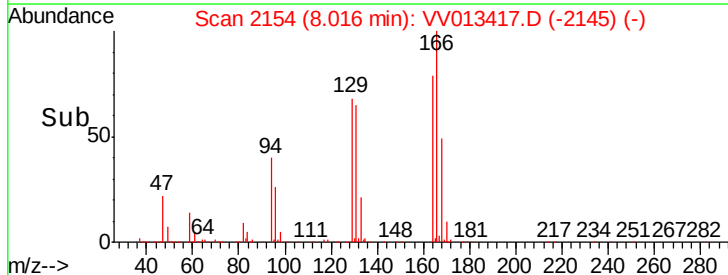
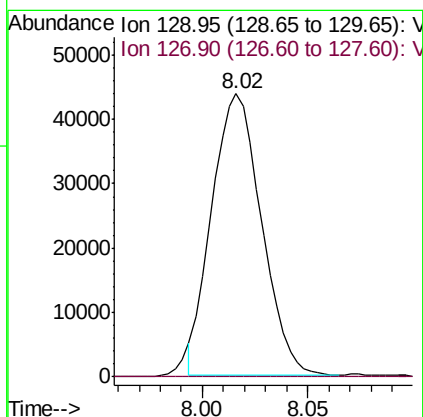
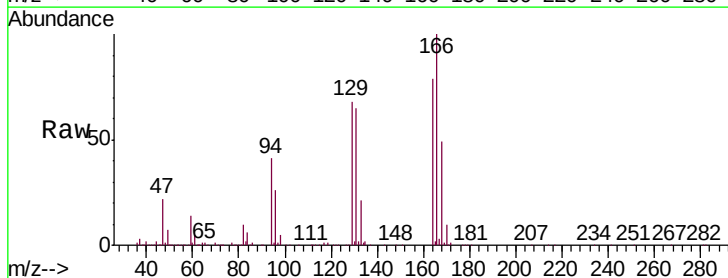
Instrument :
MSVOA_V
ClientSampleId :
GAQE7

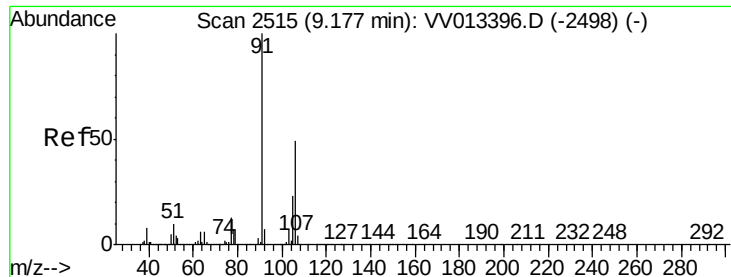
Tgt Ion: 43 Resp: 23661
Ion Ratio Lower Upper
43 100
58 37.0 43.5 65.3#
57 14.1 14.3 21.5#
100 7.5 9.3 13.9#



#49
Dibromochloromethane
Concen: 2.367 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013417.D
Acq: 30 Oct 2019 00:41

Tgt Ion: 129 Resp: 71437
Ion Ratio Lower Upper
129 100
127 0.9 53.8 100.0#





#53

m,p-xylene

Concen: 0.189 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013417.D

Acq: 30 Oct 2019 00:41

Instrument :

MSVOA_V

ClientSampleId :

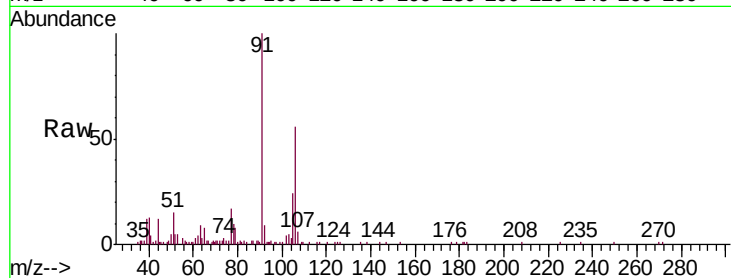
GAQE7

Tgt Ion:106 Resp: 11200

Ion Ratio Lower Upper

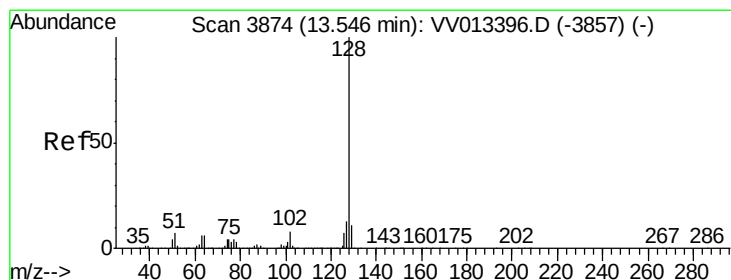
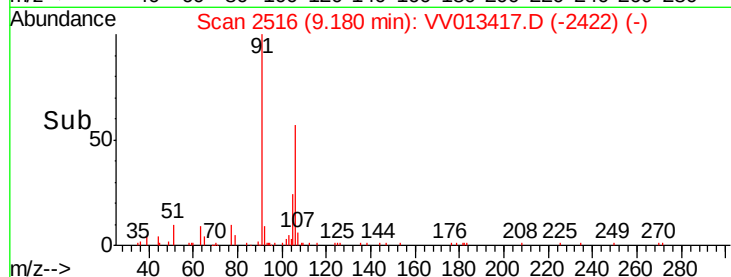
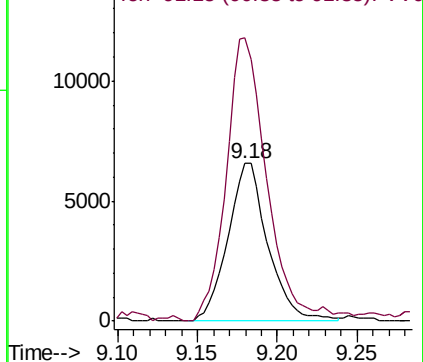
106 100

91 179.6 144.3 267.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#69

Naphthalene

Concen: 0.733 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV013417.D

Acq: 30 Oct 2019 00:41

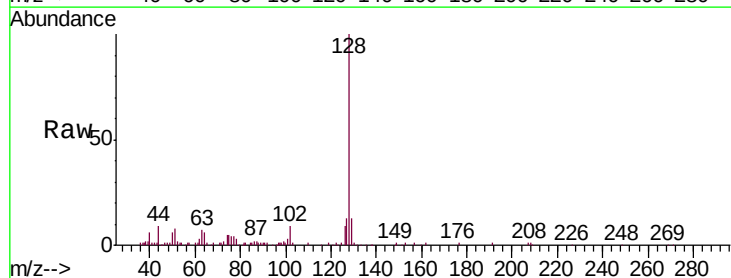
Tgt Ion:128 Resp: 42749

Ion Ratio Lower Upper

128 100

129 12.1 8.7 13.1

127 14.0 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

