

Data File : VV013408.D
Acq On : 29 Oct 2019 21:05
Operator : SY/MD
Sample : K5597-06
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQD7

Quant Time: Oct 30 02:55:49 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	376190	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	392125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	223319	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154859	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	128245	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	198431	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.93	46	398680	48.98	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	4.40	84	306328	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	162274	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	649651	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	201051	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	563252	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	65835	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	268047	53.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	137683	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	226345	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Qvalue
13) Acetone	2.19	43	8486	2.134 ug/L	99
14) Carbon disulfide	2.32	76	21350	0.245 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	14211	0.368 ug/L #	87
25) Chloroform	4.43	83	8200	0.110 ug/L	98
27) 1,2-Dichloroethane	5.14	62	4160	0.101 ug/L #	72
30) Cyclohexane	4.72	56	43072	0.706 ug/L	99
33) Benzene	5.15	78	395704	2.701 ug/L	100
34) Trichloroethene	5.96	95	31686	0.788 ug/L	97
35) Methylcyclohexane	6.17	83	48547	0.809 ug/L	92
42) Toluene	7.43	91	34541	0.226 ug/L	94
45) 1,1,2-Trichloroethane	7.83	97	6145	0.249 ug/L #	23
47) Tetrachloroethene	8.02	164	378392	11.102 ug/L	98
48) 2-Hexanone	8.18	43	13884	0.941 ug/L #	88
49) Dibromochloromethane	8.02	129	317776	10.416 ug/L #	11
52) Ethylbenzene	9.05	91	27703	0.171 ug/L	96
53) m,p-xylene	9.18	106	19266	0.322 ug/L	98
56) Isopropylbenzene	9.97	105	27119	0.174 ug/L	99

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

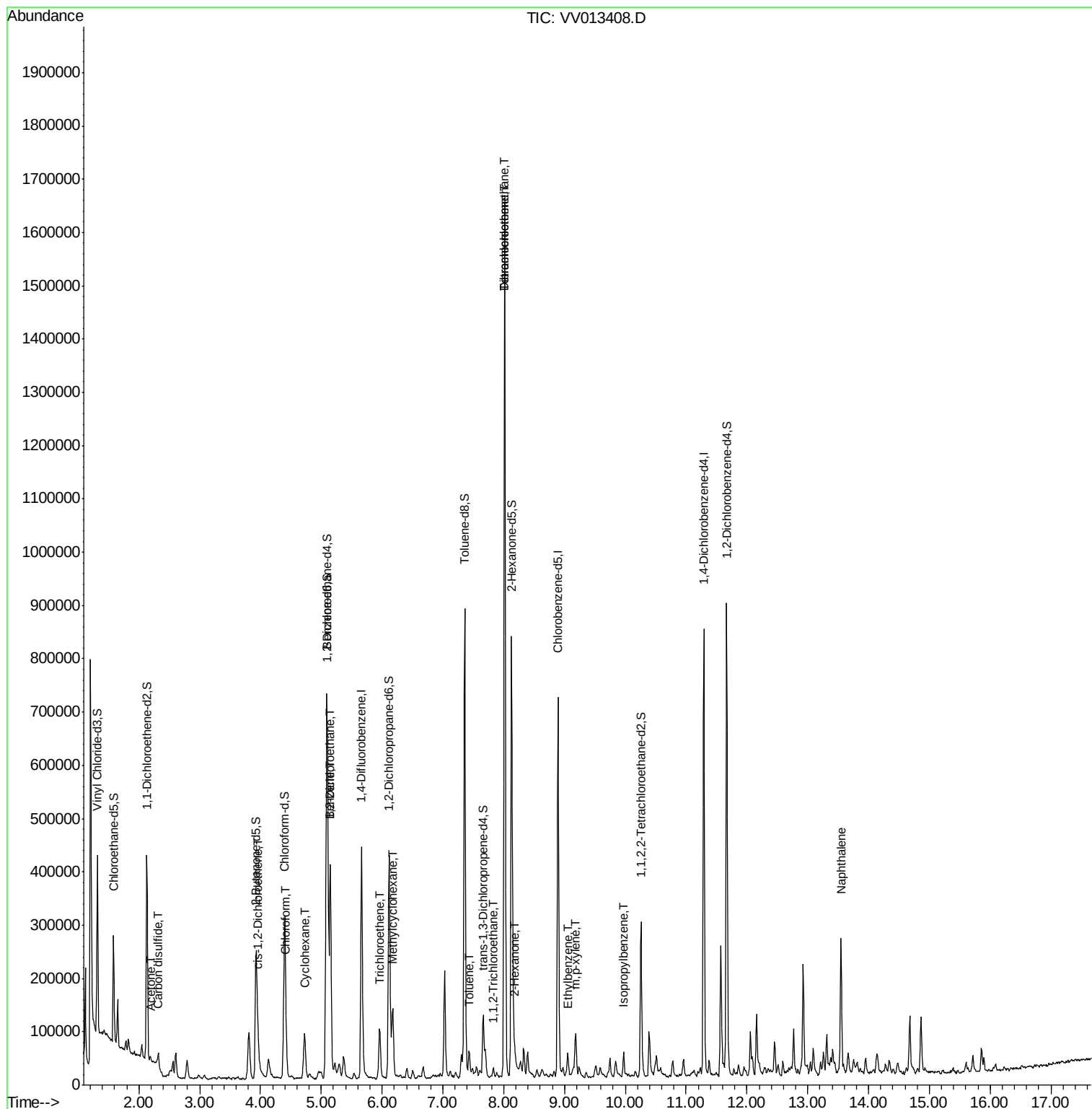
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	13.55	128	195473	3.059	ug/L	99

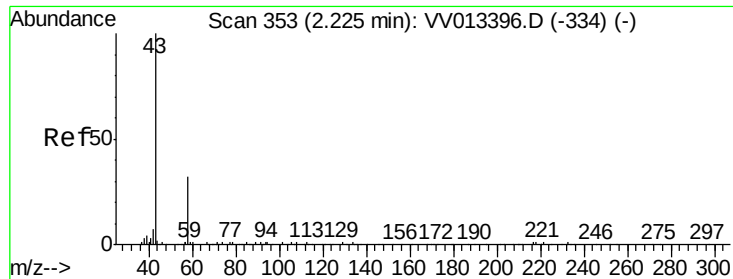
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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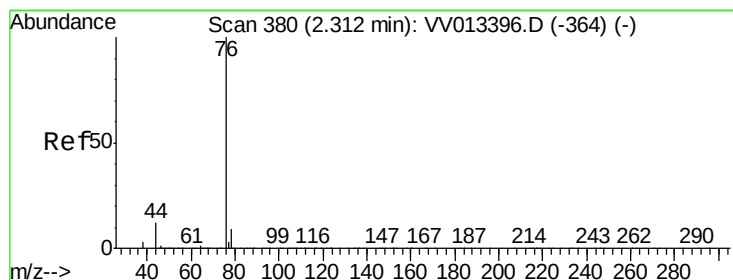
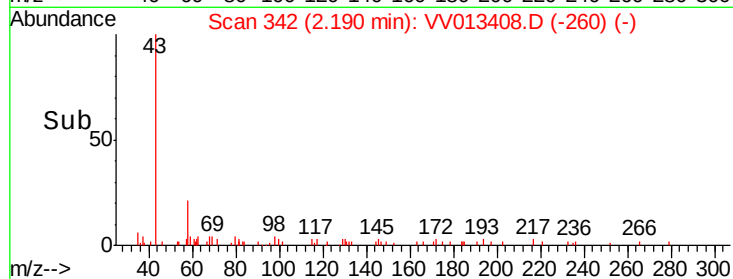
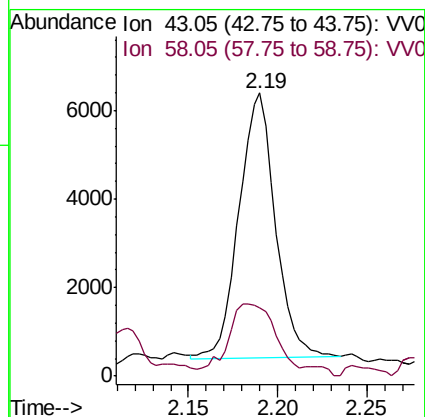
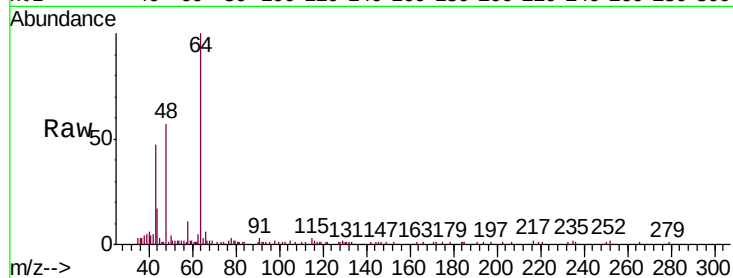




#13
Acetone
Concen: 2.134 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.04 min
Lab File: VV013408.D
Acq: 29 Oct 2019 21:05

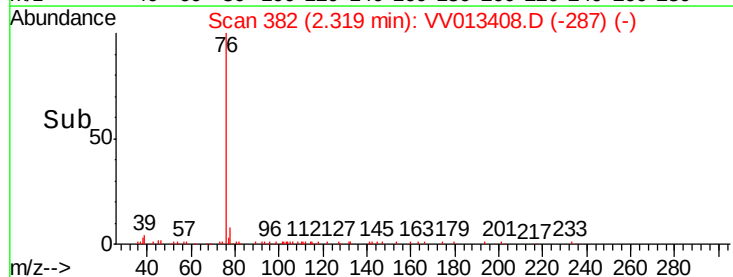
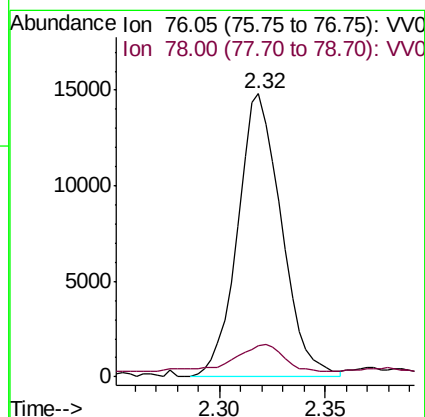
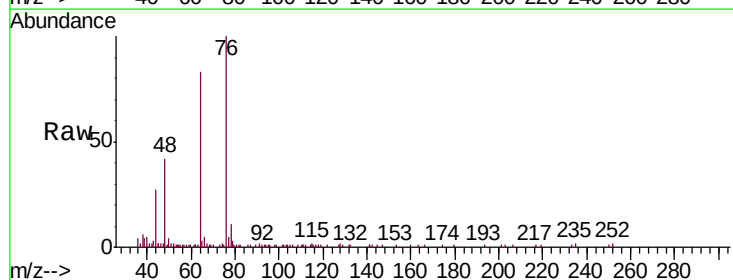
Instrument :
MSVOA_V
ClientSampleId :
GAQD7

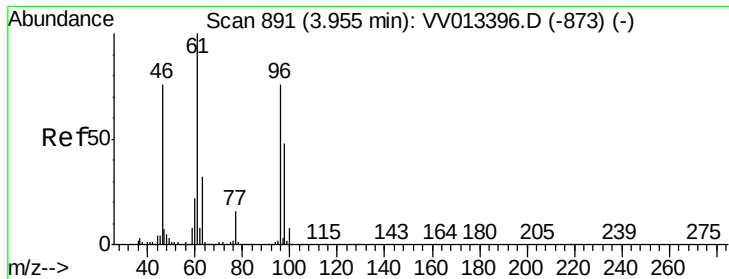
Tgt Ion: 43 Resp: 8486
Ion Ratio Lower Upper
43 100
58 29.9 0.0 59.0



#14
Carbon disulfide
Concen: 0.245 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV013408.D
Acq: 29 Oct 2019 21:05

Tgt Ion: 76 Resp: 21350
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3



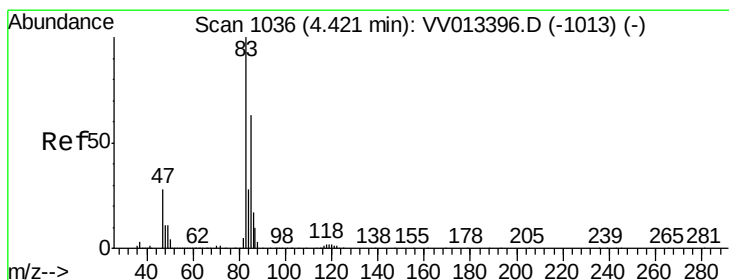
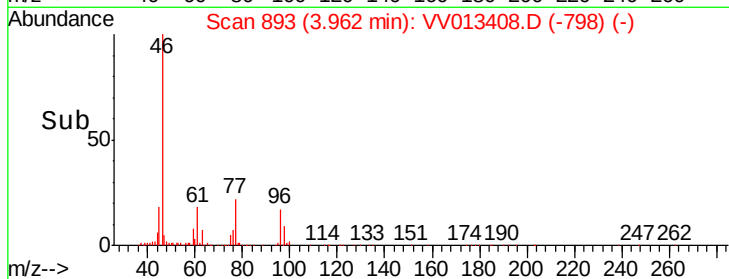
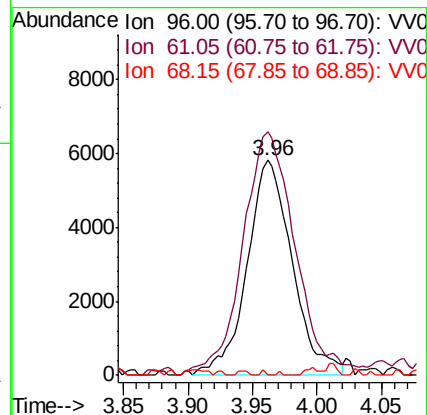
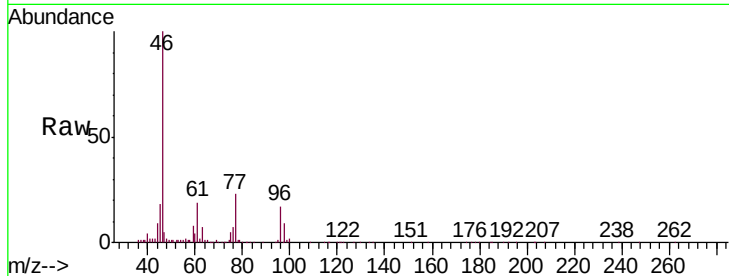


#22

cis-1,2-Dichloroethene
 Concen: 0.368 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013408.D
 Acq: 29 Oct 2019 21:05

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD7

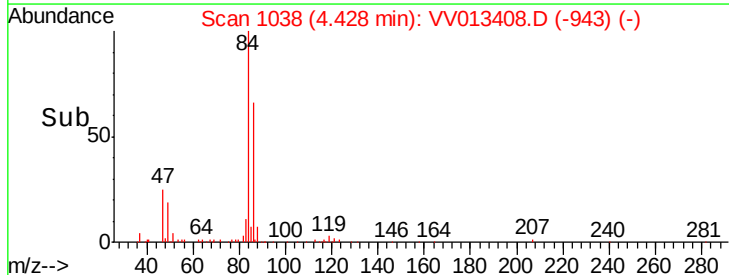
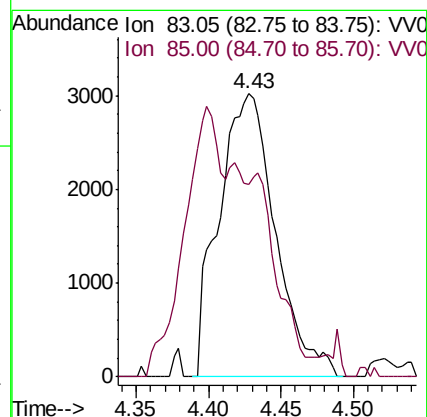
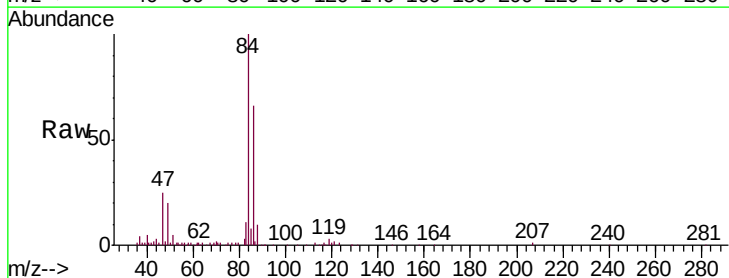
Tgt Ion: 96 Resp: 14211
 Ion Ratio Lower Upper
 96 100
 61 113.3 89.9 167.0
 68 0.0 0.1 0.3#

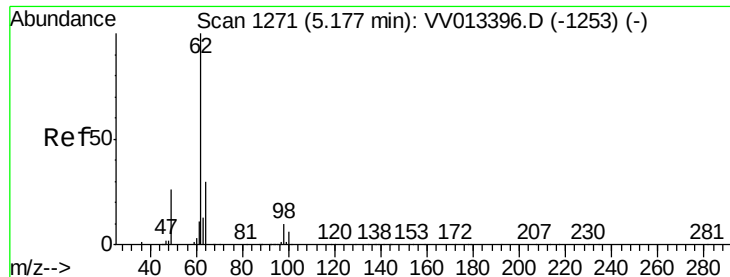


#25

Chloroform
 Concen: 0.110 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VV013408.D
 Acq: 29 Oct 2019 21:05

Tgt Ion: 83 Resp: 8200
 Ion Ratio Lower Upper
 83 100
 85 68.2 46.5 86.5

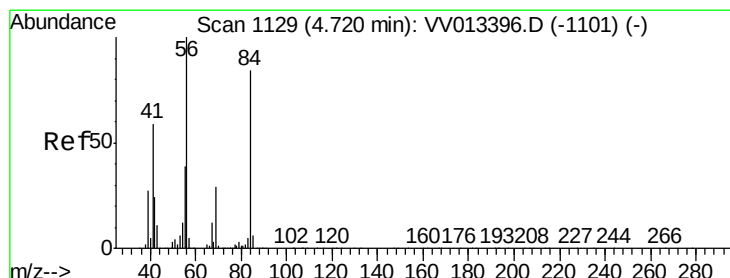
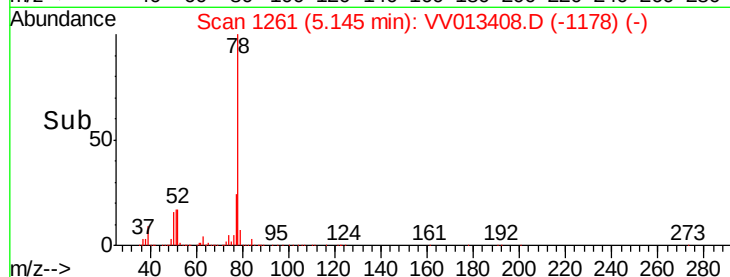
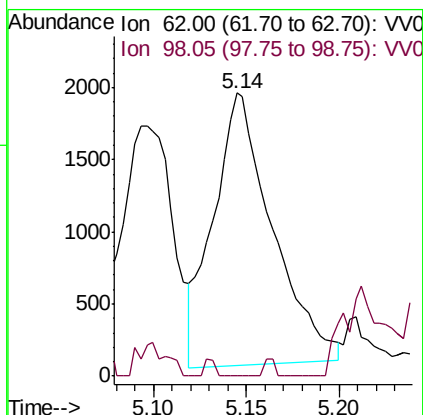
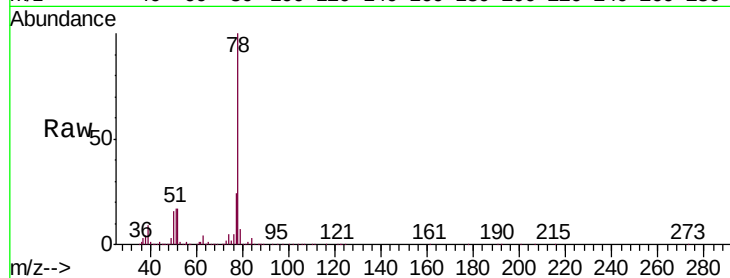




#27
 1,2-Dichloroethane
 Concen: 0.101 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. -0.03 min
 Lab File: VV013408.D
 Acq: 29 Oct 2019 21:05

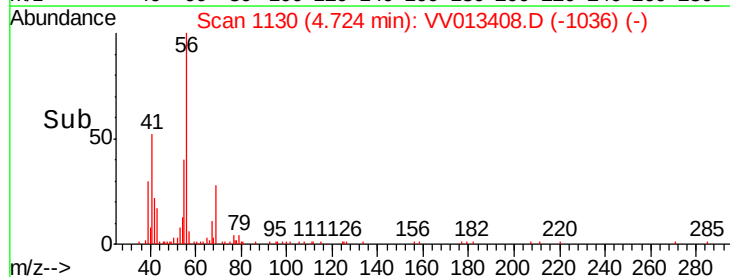
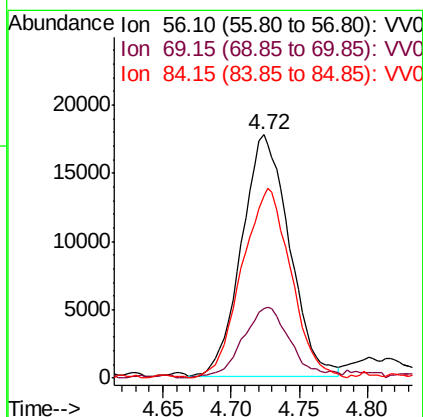
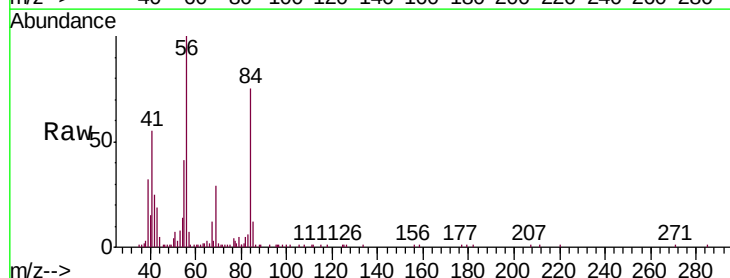
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD7

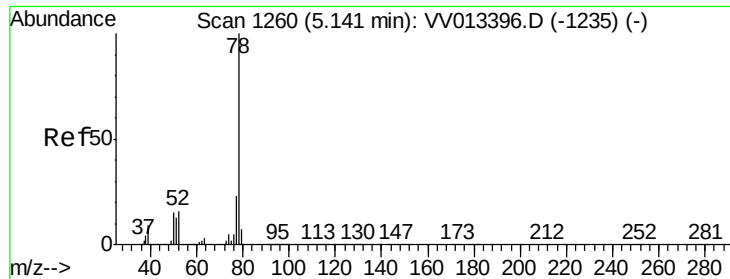
Tgt Ion: 62 Resp: 4160
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.6 12.8#



#30
 Cyclohexane
 Concen: 0.706 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: VV013408.D
 Acq: 29 Oct 2019 21:05

Tgt Ion: 56 Resp: 43072
 Ion Ratio Lower Upper
 56 100
 69 29.5 22.7 34.1
 84 80.8 65.5 98.3





#33

Benzene

Concen: 2.701 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV013408.D

Acq: 29 Oct 2019 21:05

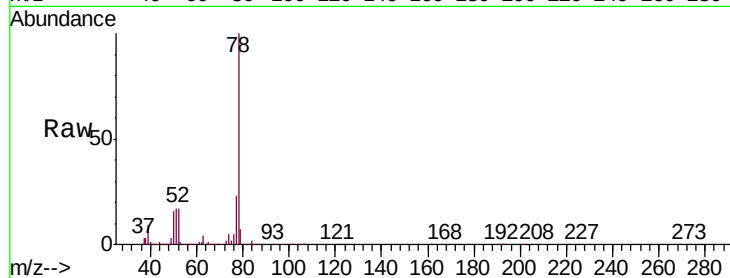
Instrument :

MSVOA_V

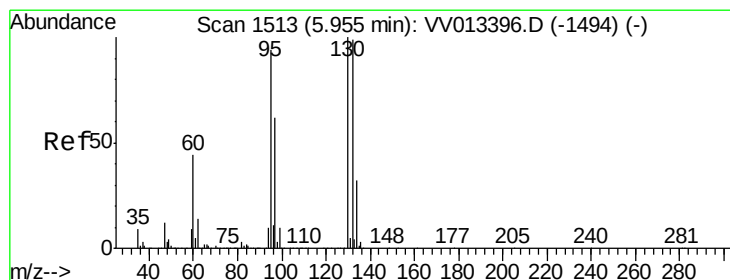
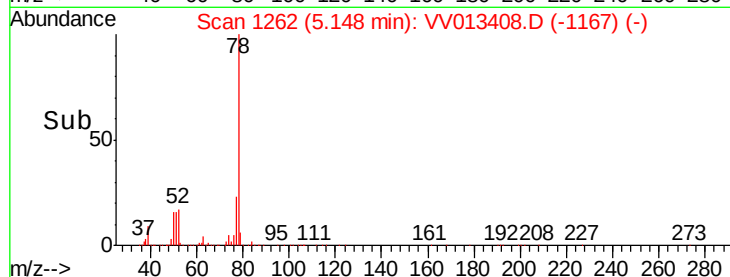
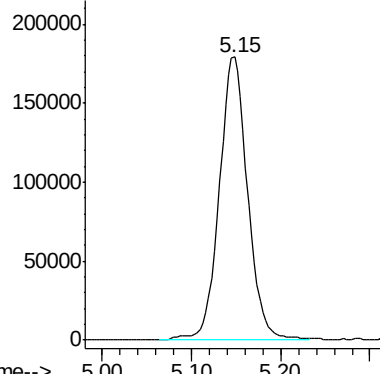
ClientSampleId :

GAQD7

Tgt Ion: 78 Resp: 395704



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.788 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV013408.D

Acq: 29 Oct 2019 21:05

Tgt Ion: 95 Resp: 31686

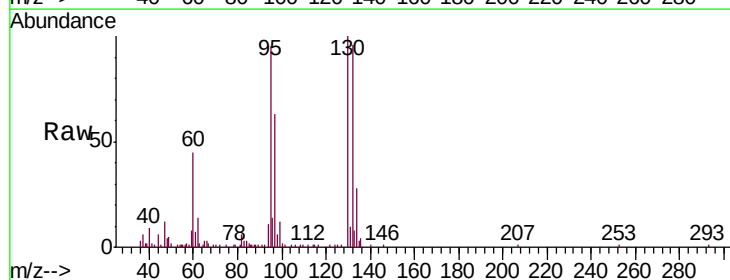
Ion	Ratio	Lower	Upper
95	100		
97	66.5	43.9	81.5
132	100.5	68.7	127.7
130	105.1	72.1	133.9

95 100

97 66.5 43.9 81.5

132 100.5 68.7 127.7

130 105.1 72.1 133.9

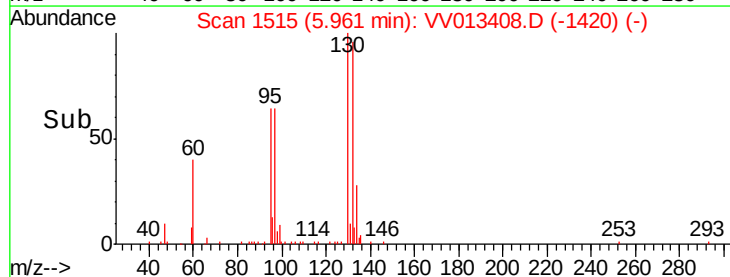
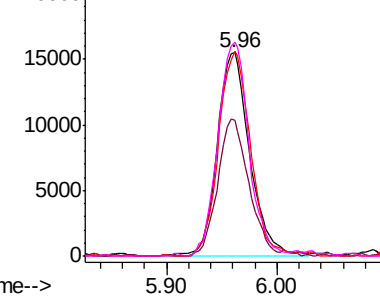


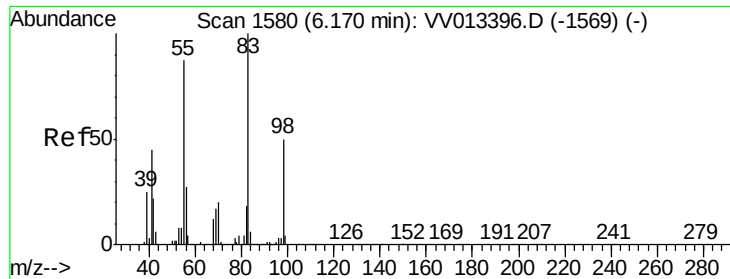
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

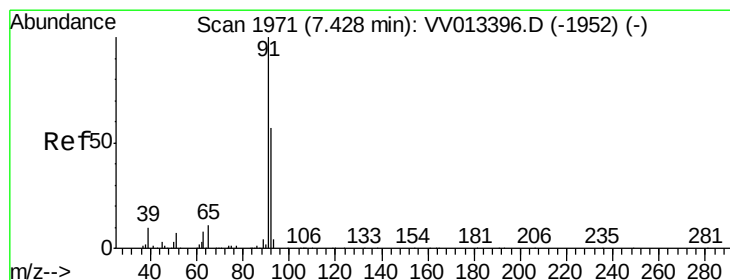
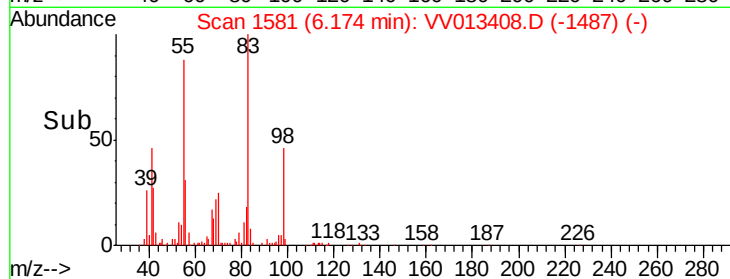
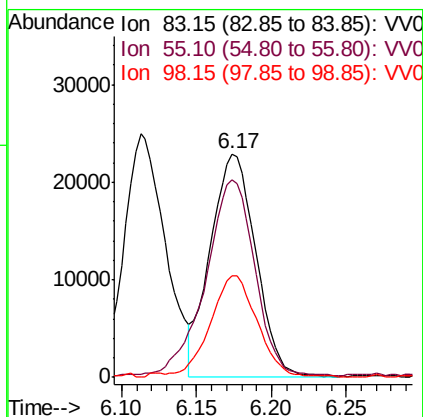
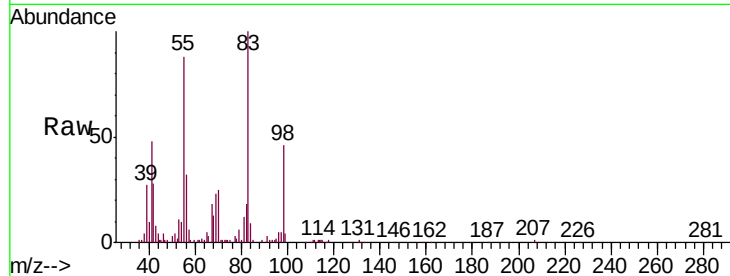




#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013408.D
Acq: 29 Oct 2019 21:05

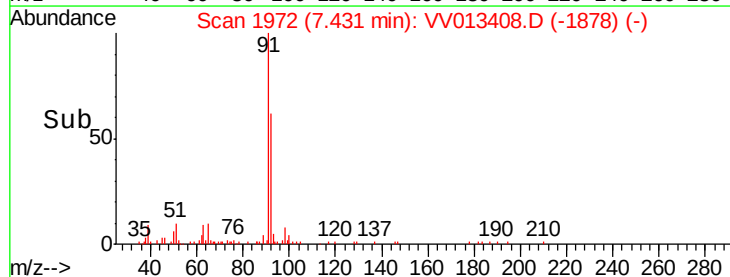
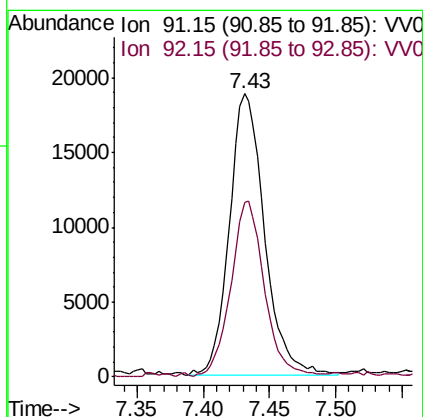
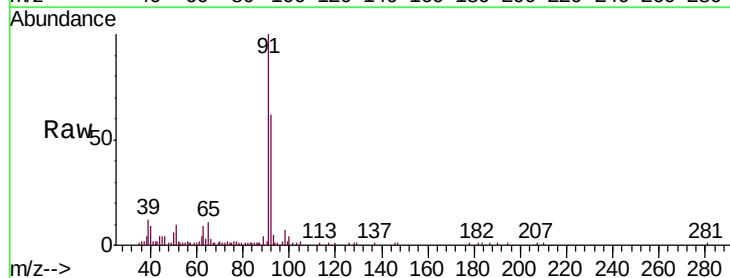
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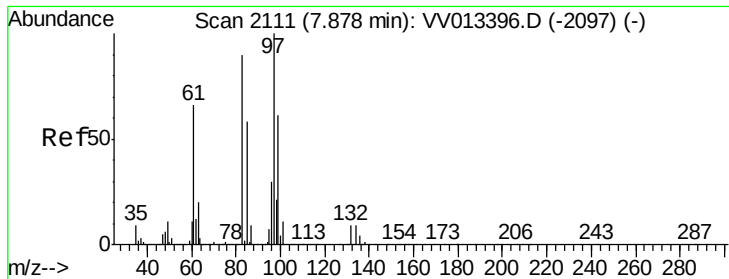
Tgt Ion: 83 Resp: 48547
Ion Ratio Lower Upper
83 100
55 93.8 66.0 99.0
98 47.6 38.2 57.4



#42
Toluene
Concen: 0.226 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013408.D
Acq: 29 Oct 2019 21:05

Tgt Ion: 91 Resp: 34541
Ion Ratio Lower Upper
91 100
92 61.6 40.3 74.8

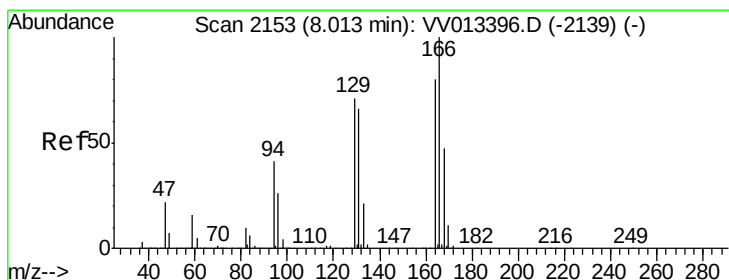
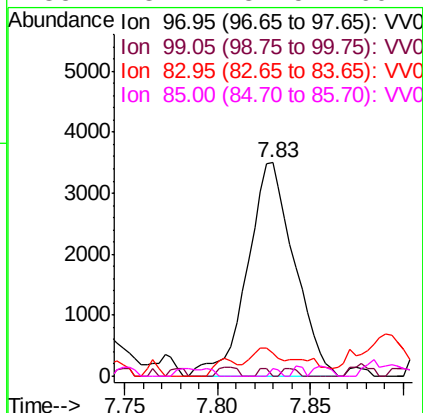
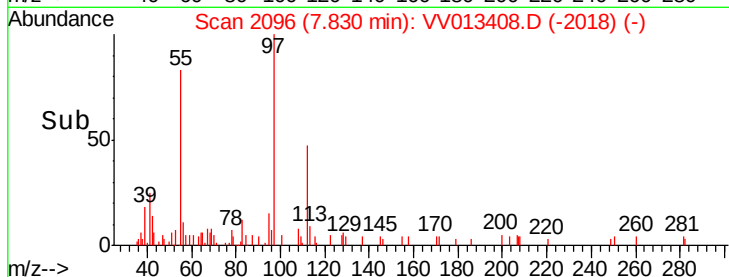
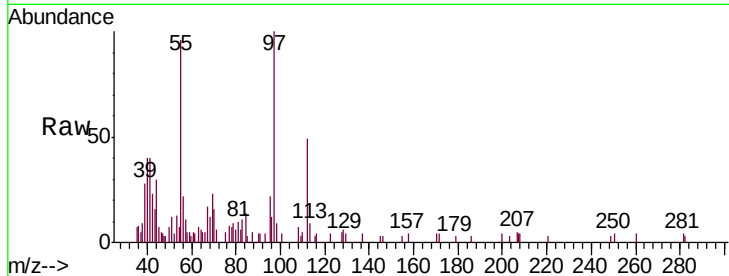




#45
 1,1,2-Trichloroethane
 Concen: 0.249 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.05 min
 Lab File: VV013408.D
 Acq: 29 Oct 2019 21:05

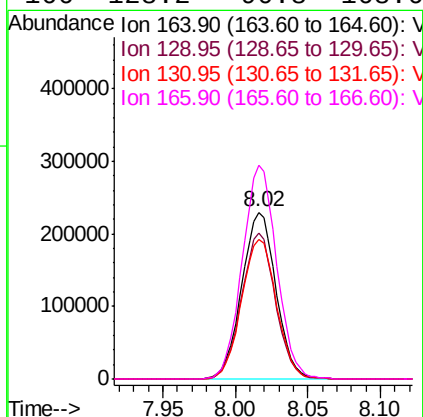
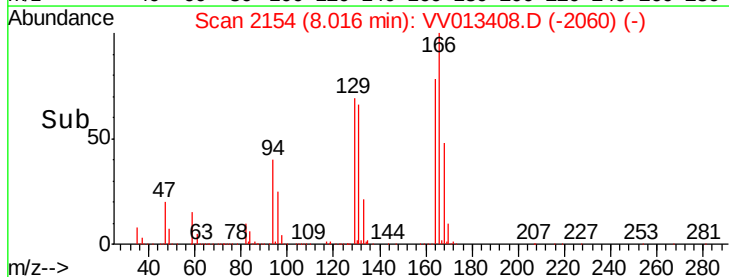
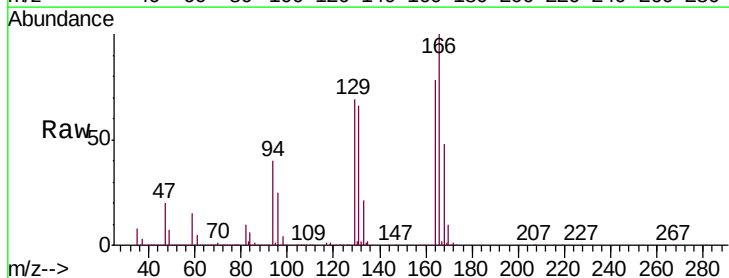
Instrument :
 MSVOA_V
 ClientSampleID :
 GAQD7

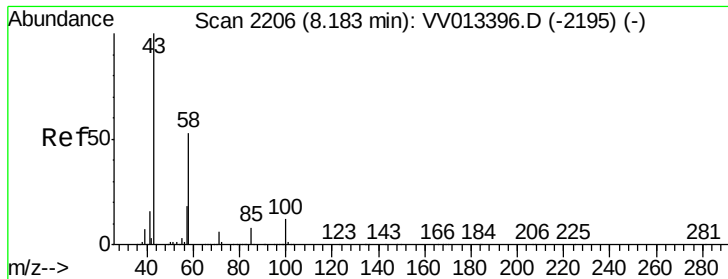
Tgt Ion:	97	Resp:	6145
Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.6	77.3#
83	10.9	58.7	109.1#
85	3.4	37.5	69.7#



#47
 Tetrachloroethene
 Concen: 11.102 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
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Tgt Ion:	164	Resp:	378392
Ion	Ratio	Lower	Upper
164	100		
129	87.9	63.4	117.8
131	84.0	60.3	112.1
166	128.2	90.8	168.6

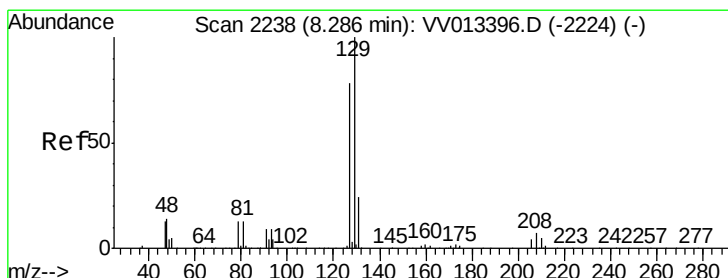
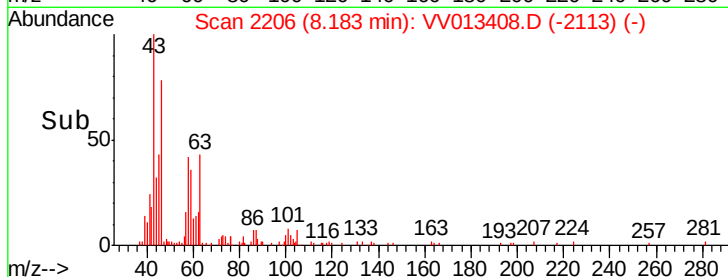
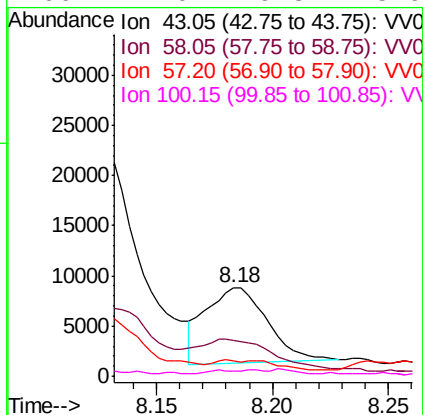
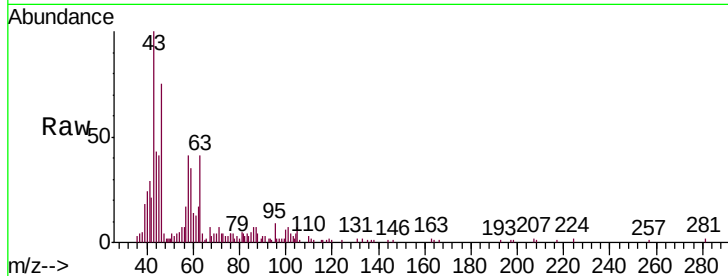




#48
2-Hexanone
Concen: 0.941 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013408.D
Acq: 29 Oct 2019 21:05

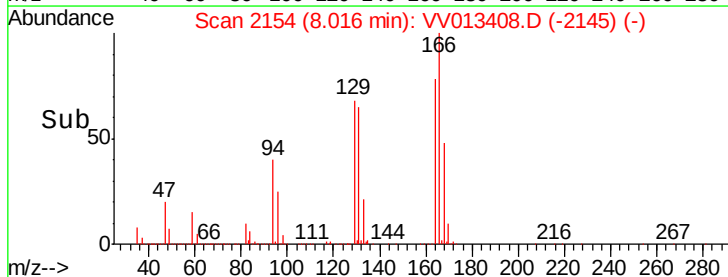
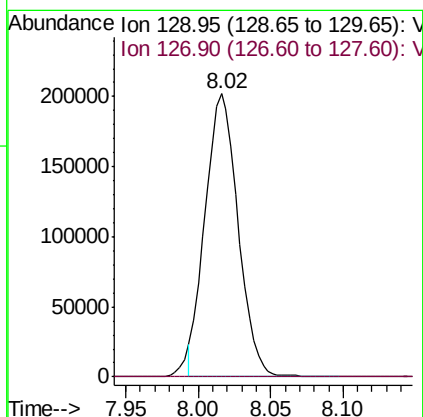
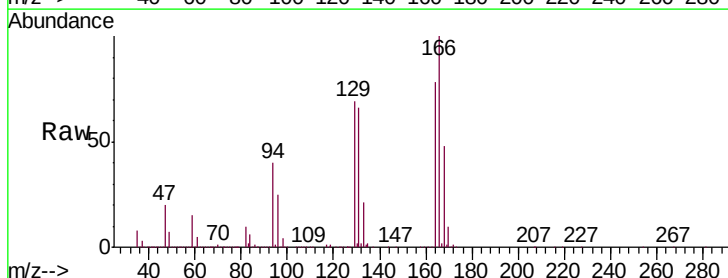
Instrument :
MSVOA_V
ClientSampleId :
GAQD7

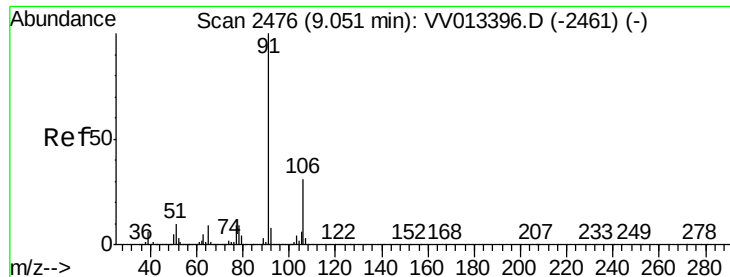
Tgt Ion:	43	Resp:	13884
Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.5	65.3
57	0.0	14.3	21.5#
100	4.0	9.3	13.9#



#49
Dibromochloromethane
Concen: 10.416 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV013408.D
Acq: 29 Oct 2019 21:05

Tgt Ion:	129	Resp:	317776
Ion	Ratio	Lower	Upper
129	100		
127	0.2	53.8	100.0#





#52

Ethylbenzene

Concen: 0.171 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV013408.D

Acq: 29 Oct 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

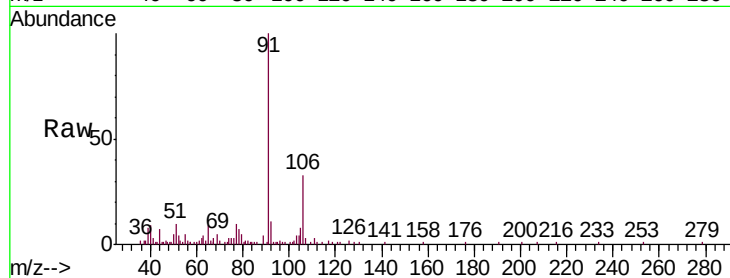
GAQD7

Tgt Ion: 91 Resp: 27703

Ion Ratio Lower Upper

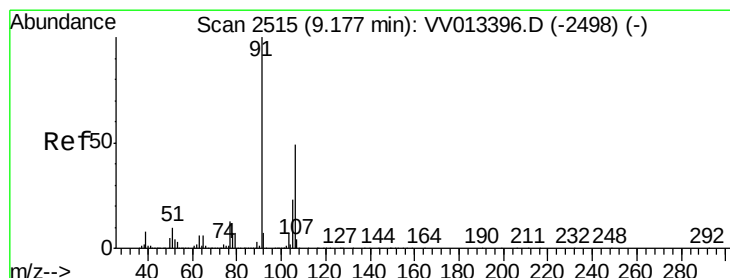
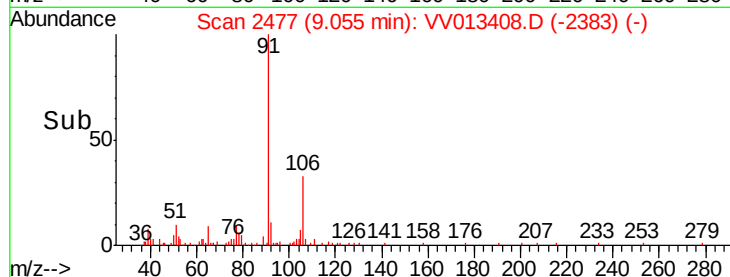
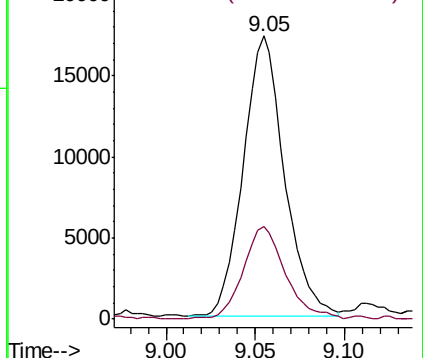
91 100

106 32.9 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 0.322 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013408.D

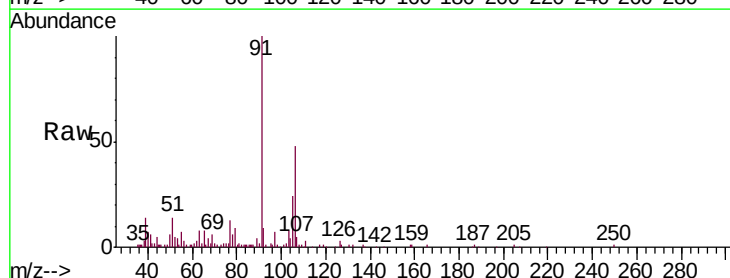
Acq: 29 Oct 2019 21:05

Tgt Ion: 106 Resp: 19266

Ion Ratio Lower Upper

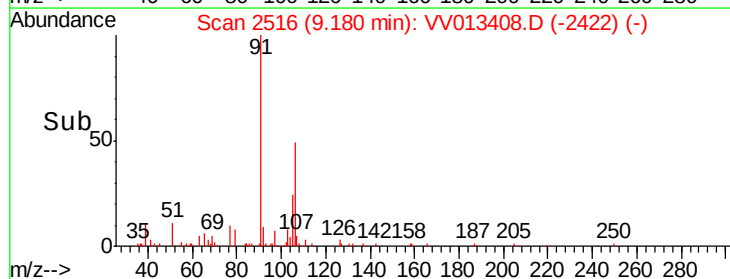
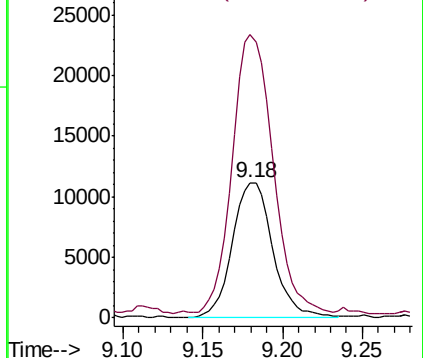
106 100

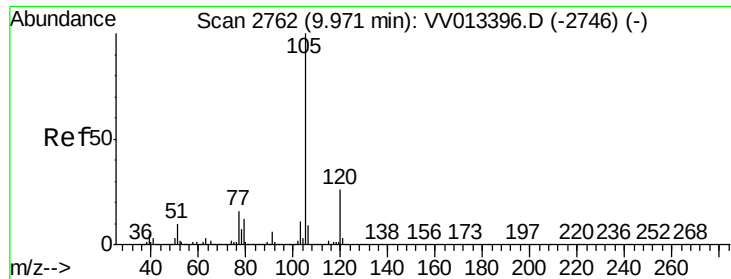
91 209.5 144.3 267.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.174 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013408.D

Acq: 29 Oct 2019 21:05

Instrument :

MSVOA_V

ClientSampleId :

GAQD7

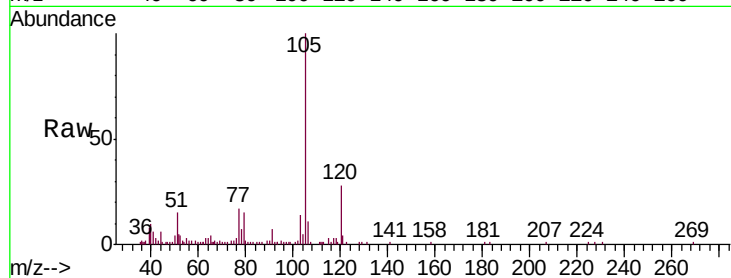
Tgt Ion:105 Resp: 27119

Ion Ratio Lower Upper

105 100

120 26.7 21.0 31.6

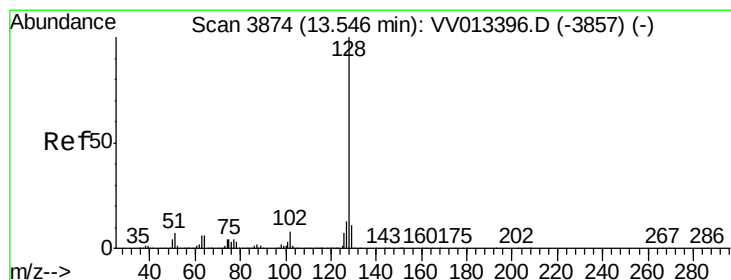
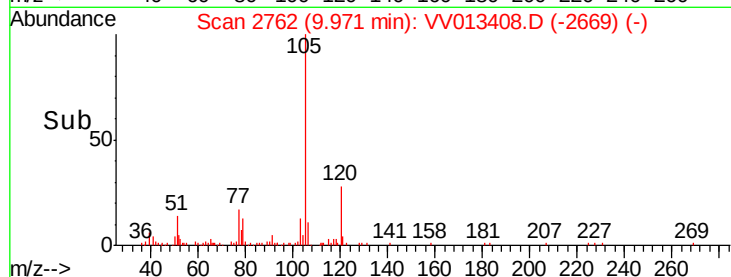
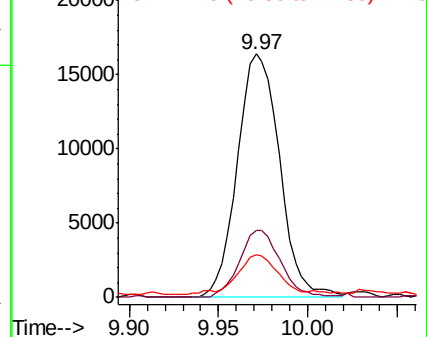
77 16.1 12.9 19.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#69

Naphthalene

Concen: 3.059 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV013408.D

Acq: 29 Oct 2019 21:05

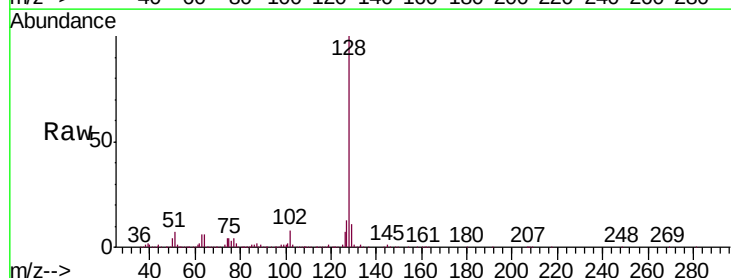
Tgt Ion:128 Resp: 195473

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 13.4 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

