

Data File : VV013400.D
Acq On : 29 Oct 2019 17:29
Operator : SY/MD
Sample : K5597-23
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQF2

Quant Time: Oct 30 02:54:10 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	351692	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	378824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	188988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157409	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	130383	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	199455	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.96	46	399735	52.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	4.40	84	319344	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	165784	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	636785	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	200143	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	528497	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	66452	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.13	63	209026	42.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117183	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	197442	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

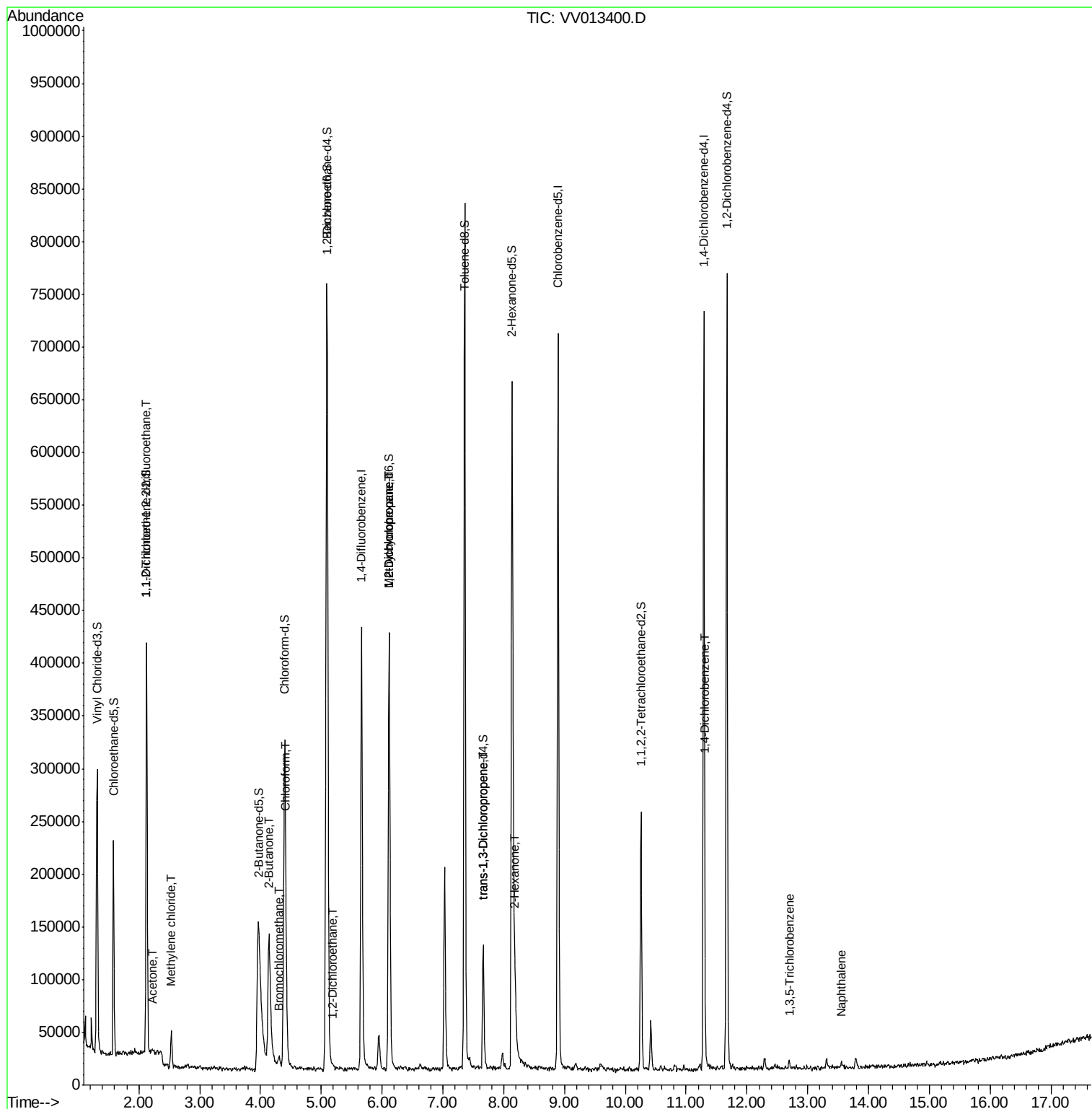
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2608	0.093	ug/L #	27
13) Acetone	2.22	43	6139	1.651	ug/L	73
16) Methylene chloride	2.53	84	14832	0.381	ug/L	95
21) 2-Butanone	4.14	43	243763	30.096	ug/L #	53
23) Bromochloromethane	4.31	128	3524	0.217	ug/L	84
25) Chloroform	4.42	83	30221	0.434	ug/L	99
27) 1,2-Dichloroethane	5.18	62	1795	0.047	ug/L #	81
35) Methylcyclohexane	6.12	83	48033	0.829	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	20928	0.585	ug/L #	91
44) trans-1,3-Dichloropropene	7.67	75	3153	0.083	ug/L	87
48) 2-Hexanone	8.19	43	50316	3.531	ug/L #	82
63) 1,4-Dichlorobenzene	11.31	146	3767	0.059	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	2847	0.056	ug/L	87
69) Naphthalene	13.56	128	4372	0.081	ug/L #	90

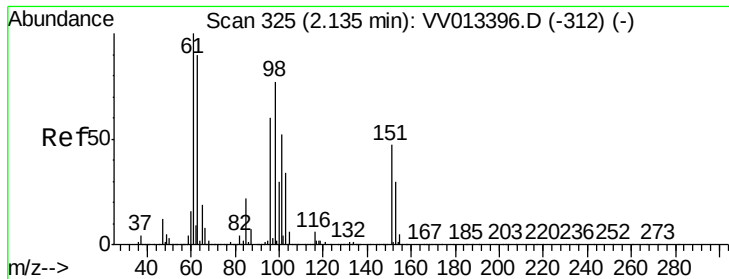
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013400.D
Acq On : 29 Oct 2019 17:29
Operator : SY/MD
Sample : K5597-23
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQF2

Quant Time: Oct 30 02:54:10 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





#10

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

Concen: 0.093 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013400.D

Acq: 29 Oct 2019 17:29

Instrument :

MSVOA_V

ClientSampleId :

GAQF2

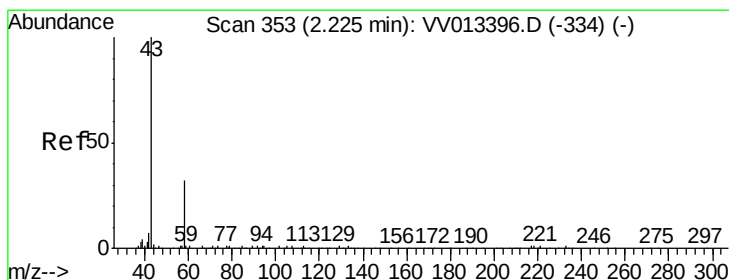
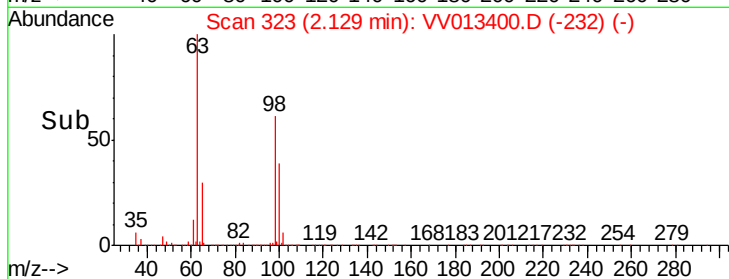
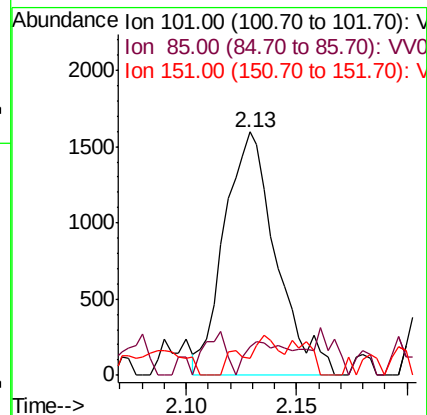
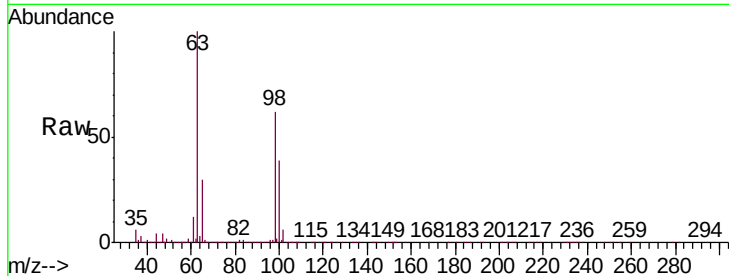
Tgt Ion: 101 Resp: 2608

Ion Ratio Lower Upper

101 100

85 12.1 33.0 49.4#

151 7.2 68.2 102.2#



#13

Acetone

Concen: 1.651 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV013400.D

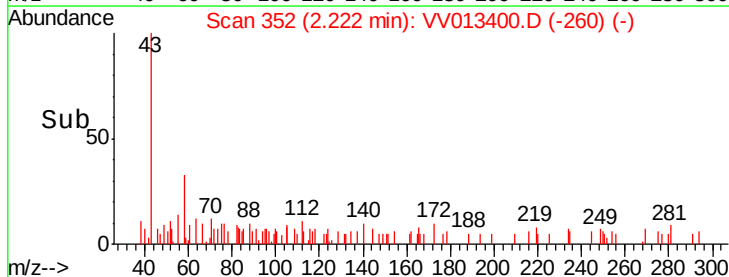
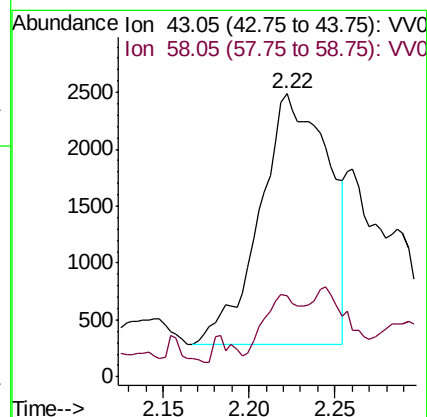
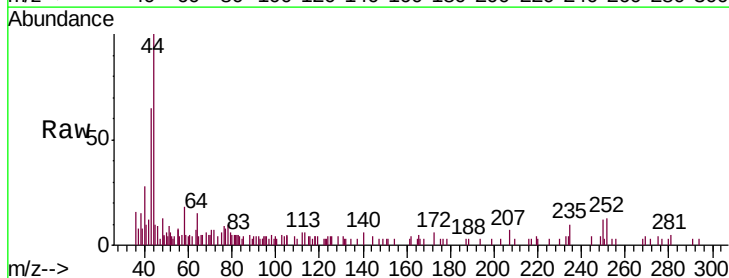
Acq: 29 Oct 2019 17:29

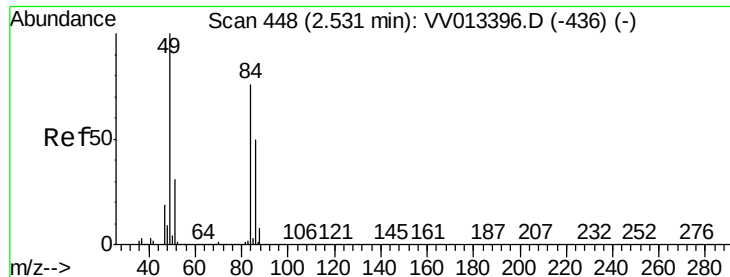
Tgt Ion: 43 Resp: 6139

Ion Ratio Lower Upper

43 100

58 14.9 0.0 59.0

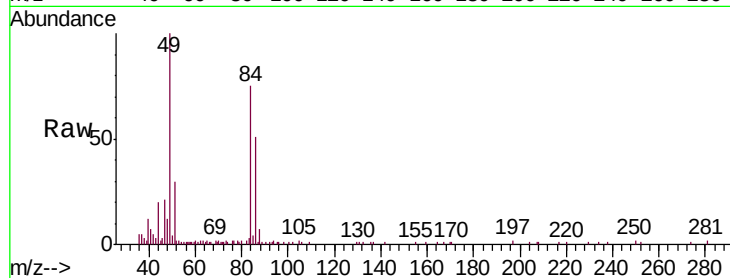




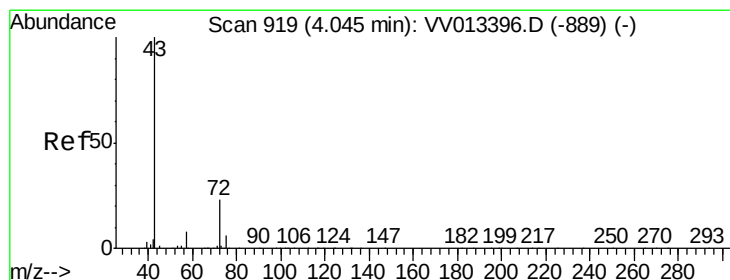
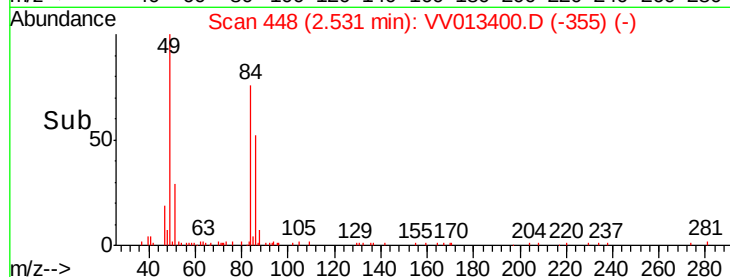
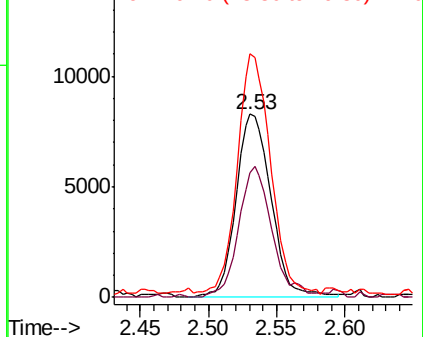
#16
Methylene chloride
Concen: 0.381 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013400.D
Acq: 29 Oct 2019 17:29

Instrument :
MSVOA_V
ClientSampleId :
GAQF2

Tgt Ion: 84 Resp: 14832
Ion Ratio Lower Upper
84 100
86 68.3 43.8 81.4
49 133.0 90.4 168.0

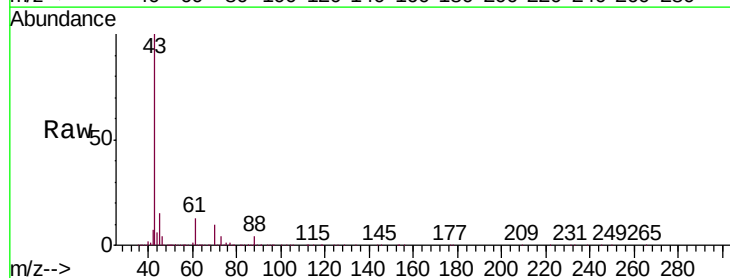


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

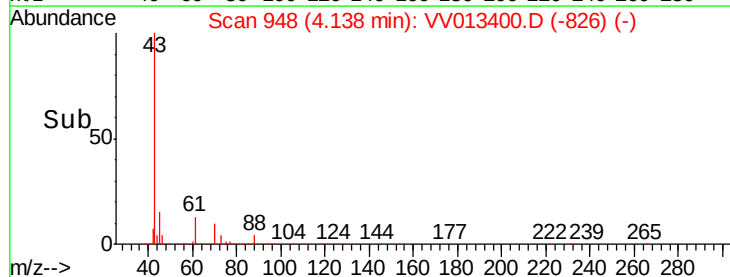
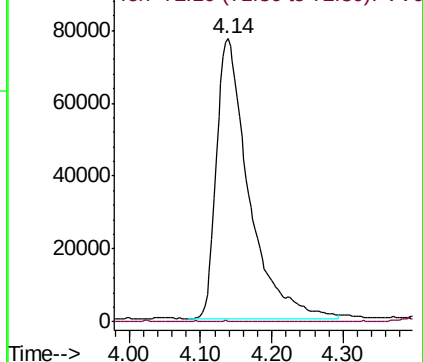


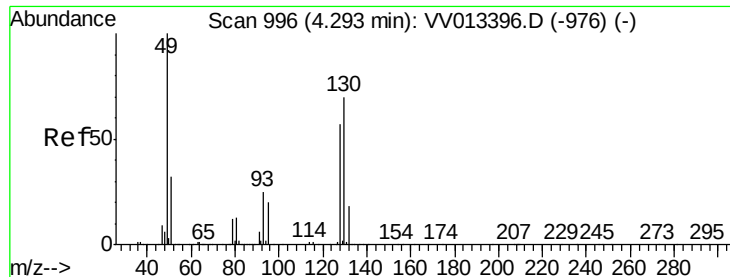
#21
2-Butanone
Concen: 30.096 ug/L
RT: 4.14 min Scan# 948
Delta R.T. 0.09 min
Lab File: VV013400.D
Acq: 29 Oct 2019 17:29

Tgt Ion: 43 Resp: 243763
Ion Ratio Lower Upper
43 100
72 0.1 11.3 33.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0





#23

Bromochloromethane

Concen: 0.217 ug/L

RT: 4.31 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VV013400.D

Acq: 29 Oct 2019 17:29

Instrument :

MSVOA_V

ClientSampleId :

GAQF2

Tgt Ion:128 Resp: 3524

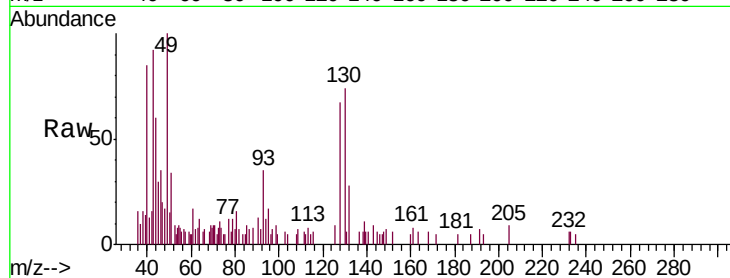
Ion Ratio Lower Upper

128 100

49 148.4 123.6 229.6

130 109.4 88.3 164.1

51 49.7 42.2 63.2

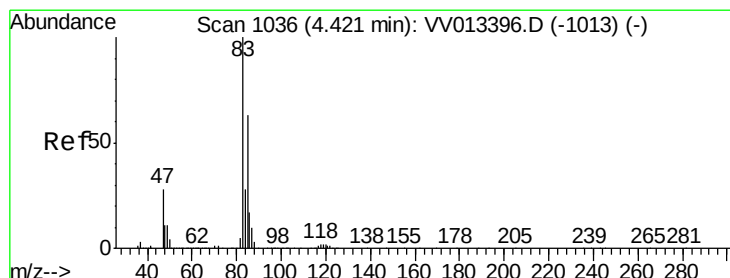
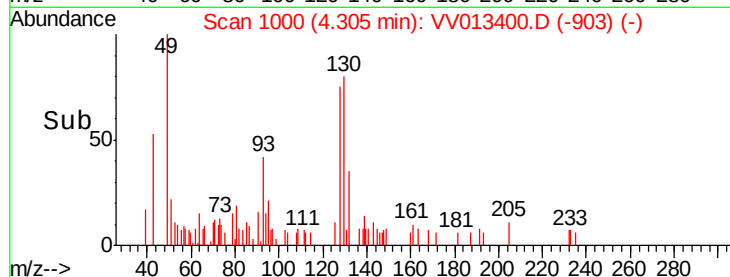
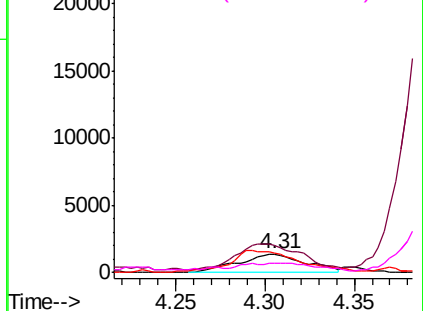


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VV0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VV0



#25

Chloroform

Concen: 0.434 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013400.D

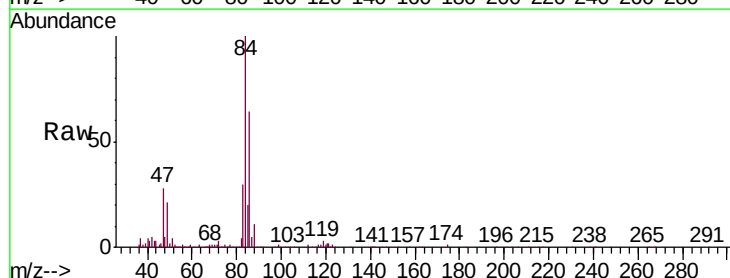
Acq: 29 Oct 2019 17:29

Tgt Ion: 83 Resp: 30221

Ion Ratio Lower Upper

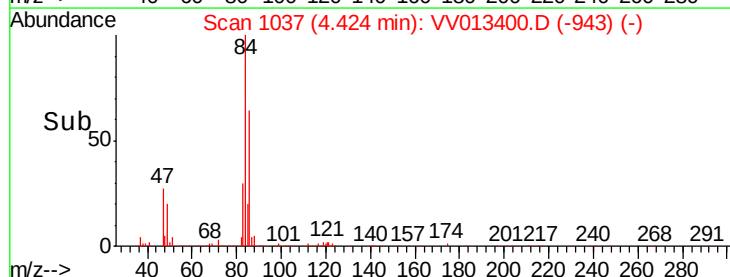
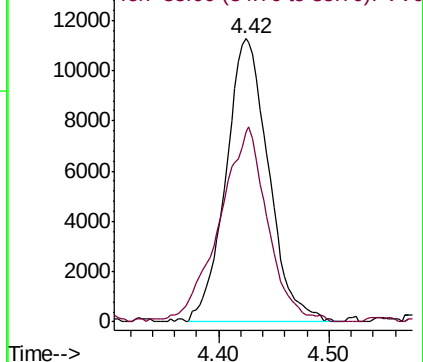
83 100

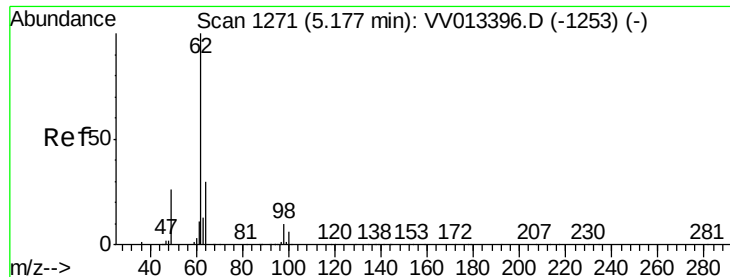
85 67.0 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.047 ug/L

RT: 5.18 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VV013400.D

Acq: 29 Oct 2019 17:29

Instrument :

MSVOA_V

ClientSampleId :

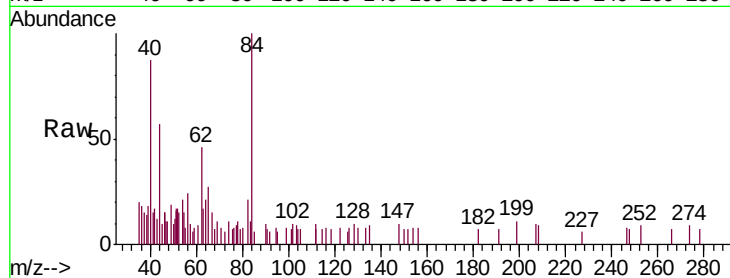
GAQF2

Tgt Ion: 62 Resp: 1795

Ion Ratio Lower Upper

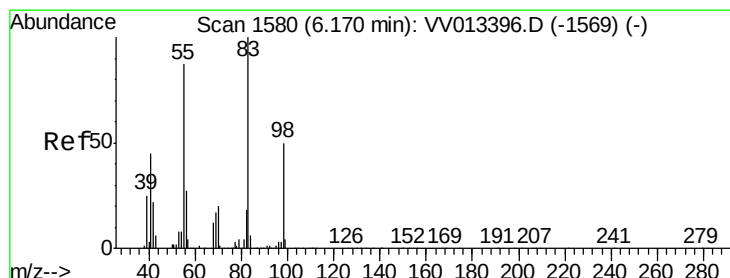
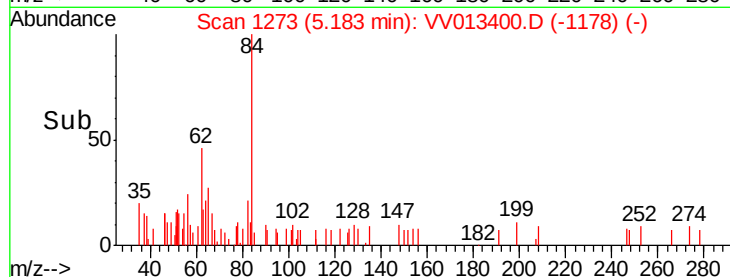
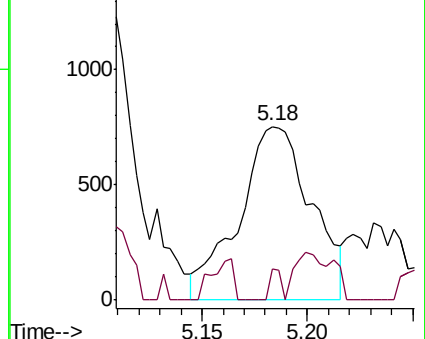
62 100

98 17.9 8.6 12.8#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013400.D

Acq: 29 Oct 2019 17:29

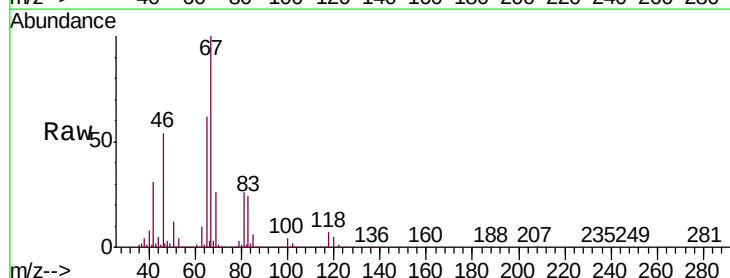
Tgt Ion: 83 Resp: 48033

Ion Ratio Lower Upper

83 100

55 2.3 66.0 99.0#

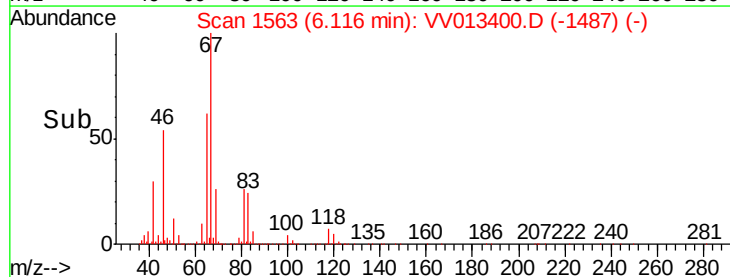
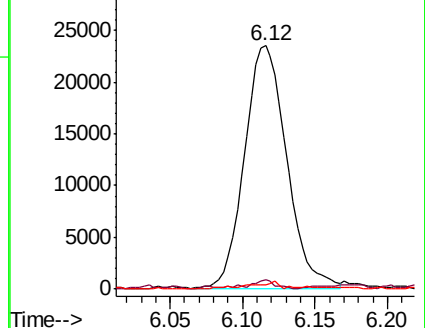
98 0.8 38.2 57.4#

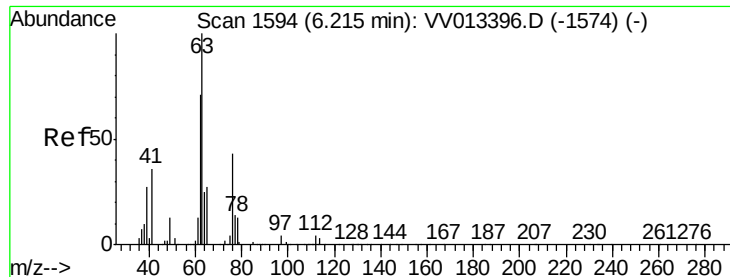


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

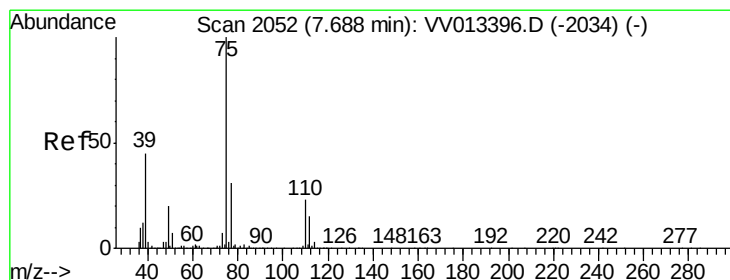
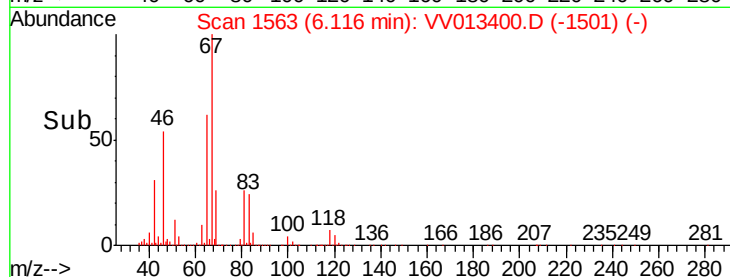
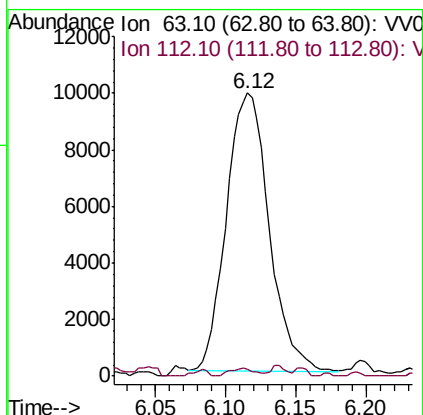
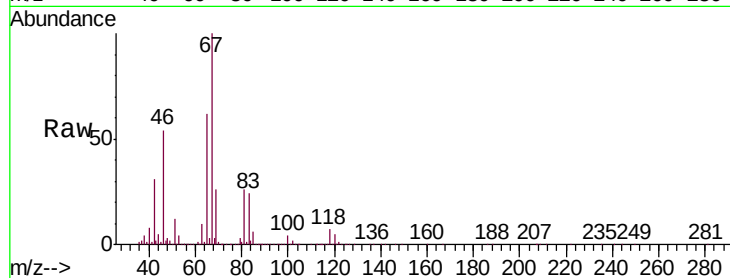




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013400.D
 Acq: 29 Oct 2019 17:29

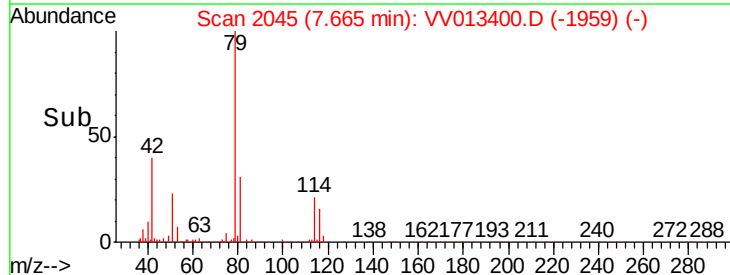
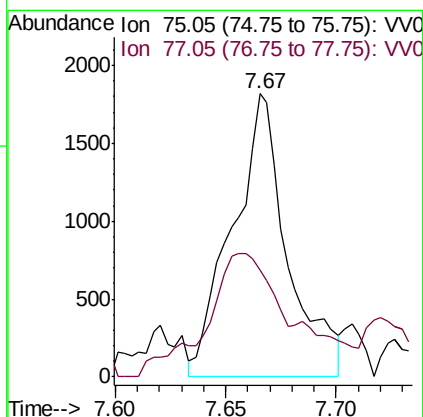
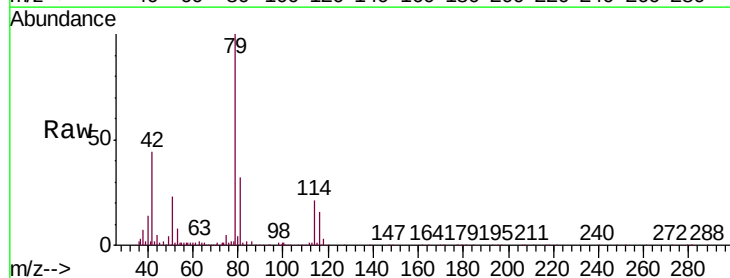
Instrument :
 MSVOA_V
 ClientSampled :
 GAQF2

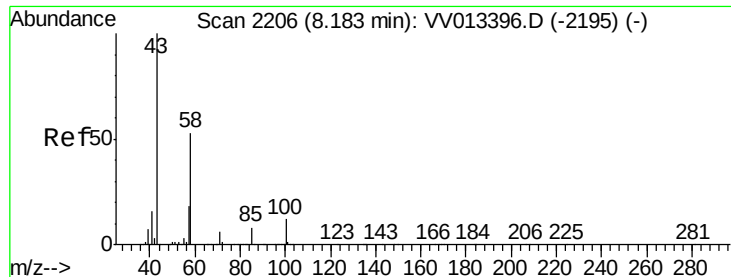
Tgt Ion: 63 Resp: 20928
 Ion Ratio Lower Upper
 63 100
 112 1.7 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.02 min
 Lab File: VV013400.D
 Acq: 29 Oct 2019 17:29

Tgt Ion: 75 Resp: 3153
 Ion Ratio Lower Upper
 75 100
 77 37.7 21.5 39.9

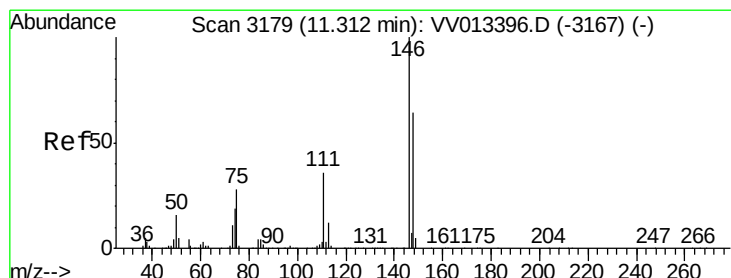
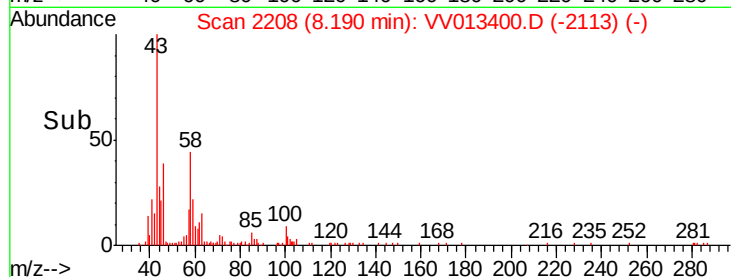
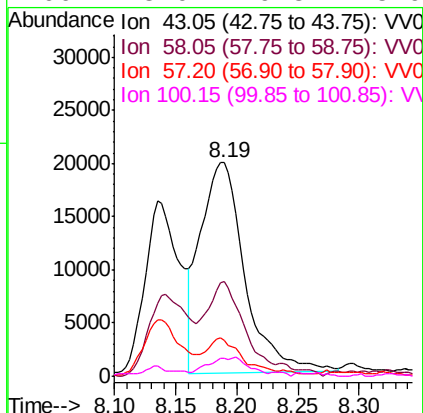
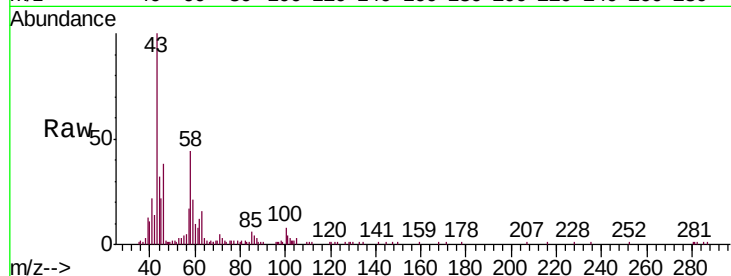




#48
2-Hexanone
Concen: 3.531 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV013400.D
Acq: 29 Oct 2019 17:29

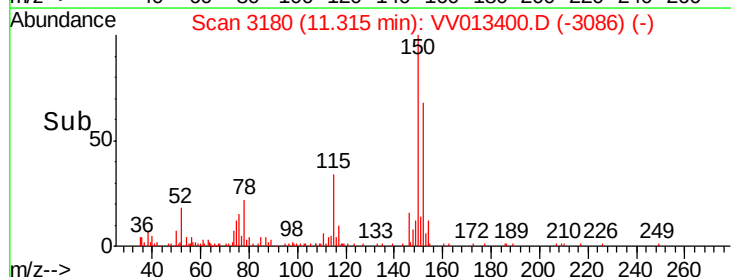
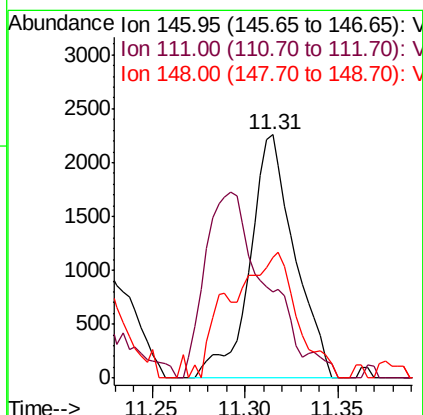
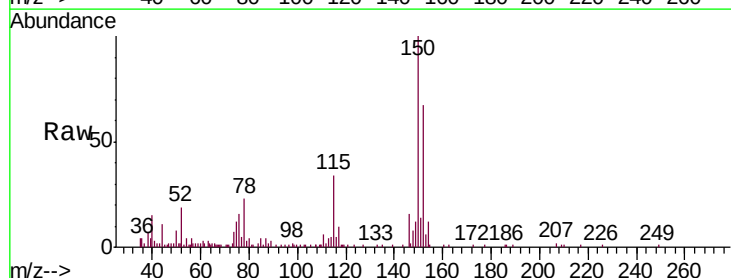
Instrument :
MSVOA_V
ClientSampleId :
GAQF2

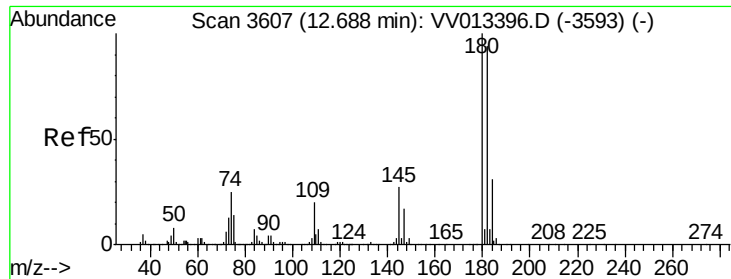
Tgt Ion:	43	Resp:	50316
Ion	Ratio	Lower	Upper
43	100		
58	41.6	43.5	65.3#
57	11.8	14.3	21.5#
100	3.0	9.3	13.9#



#63
1,4-Dichlorobenzene
Concen: 0.059 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013400.D
Acq: 29 Oct 2019 17:29

Tgt Ion:	146	Resp:	3767
Ion	Ratio	Lower	Upper
146	100		
111	35.2	25.4	47.2
148	49.4	44.9	83.5

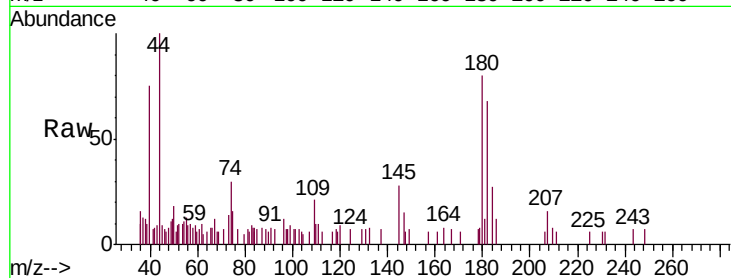




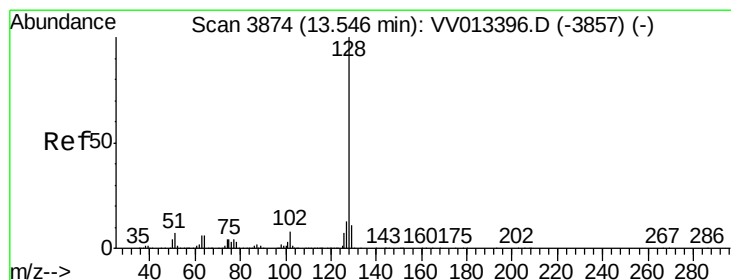
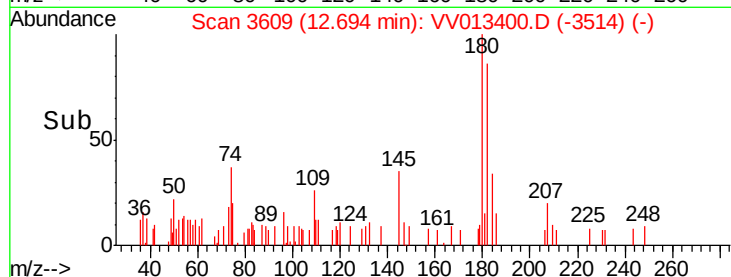
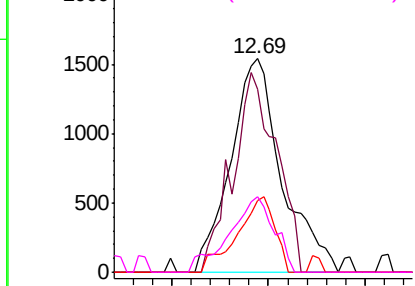
#67
 1,3,5-Trichlorobenzene
 Concen: 0.056 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.01 min
 Lab File: VV013400.D
 Acq: 29 Oct 2019 17:29

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQF2

Tgt Ion:	180	Resp:	2847
Ion	Ratio	Lower	Upper
180	100		
182	79.6	76.4	114.6
184	26.0	24.6	36.8
145	30.7	22.2	33.2

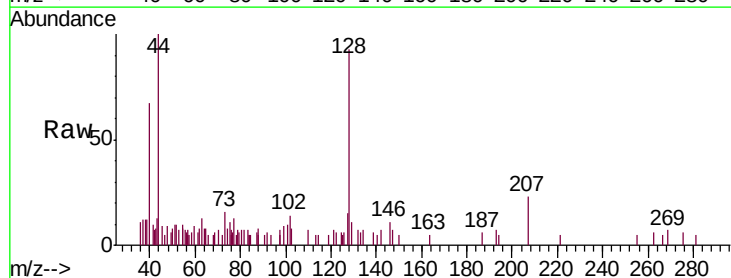


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#69
 Naphthalene
 Concen: 0.081 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV013400.D
 Acq: 29 Oct 2019 17:29

Tgt Ion:	128	Resp:	4372
Ion	Ratio	Lower	Upper
128	100		
129	7.9	8.7	13.1#
127	17.8	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

