

Data File : VV011716.D
Acq On : 22 Jun 2019 05:29
Operator : SY/MD
Sample : K3479-11MS
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAP07MS

Quant Time: Jun 24 05:50:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163532	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63276	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41839	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	34564	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.12	63	93053	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	3.96	46	163147	57.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.12%
24) Chloroform-d	4.40	84	88886	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	56881	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	188666	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	61535	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	160444	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	17365	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.14	63	124144	57.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47365	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	56442	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	5877	0.381 ug/L	89
12) 1,1-Dichloroethene	2.13	96	44639	4.411 ug/L	95
13) Acetone	2.21	43	9073	4.393 ug/L	92
14) Carbon disulfide	2.31	76	3158	0.116 ug/L #	74
15) Methyl Acetate	2.47	43	945	0.184 ug/L #	75
25) Chloroform	4.42	83	8724	0.336 ug/L	95
33) Benzene	5.14	78	246487	4.853 ug/L	100
34) Trichloroethene	5.96	95	58789	4.365 ug/L	98
35) Methylcyclohexane	6.12	83	15499	0.713 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7670	0.595 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1445	0.085 ug/L #	63
42) Toluene	7.43	91	255902	4.822 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1059	0.084 ug/L	92
48) 2-Hexanone	8.14	43	16603	2.919 ug/L #	73
51) Chlorobenzene	8.92	112	154705	4.701 ug/L	99
53) m,p-xylene	9.18	106	2761	0.128 ug/L	99
59) 1,2,3-Trichloropropane	10.05	75	1563	0.209 ug/L #	57

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Quantitation Report (Not Reviewed)

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QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

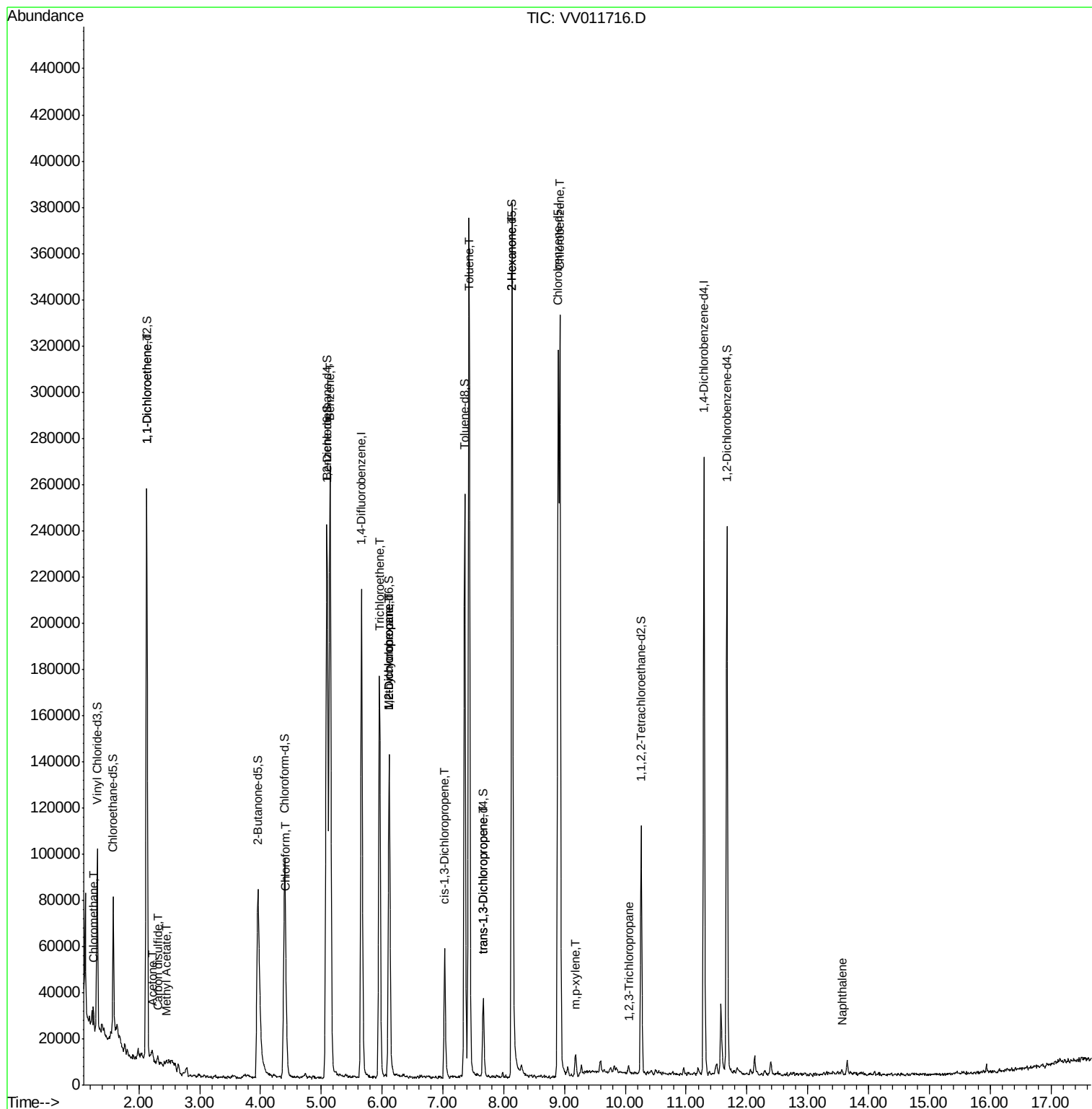
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
69) Naphthalene	13.55	128	1269	0.063	ug/L #	87
-----	-----	-----	-----	-----	-----	-----

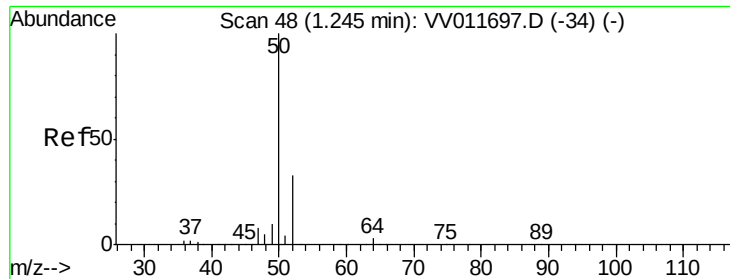
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.381 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

Instrument :

MSVOA_V

ClientSampleId :

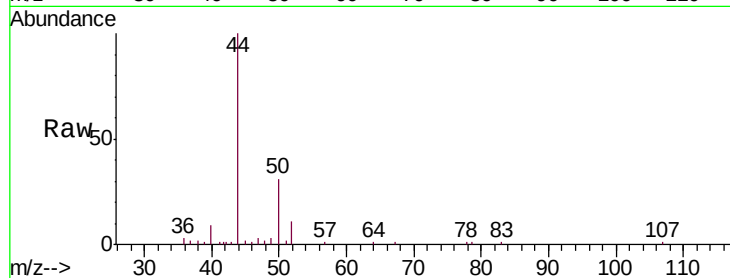
YAP07MS

Tgt Ion: 50 Resp: 5877

Ion Ratio Lower Upper

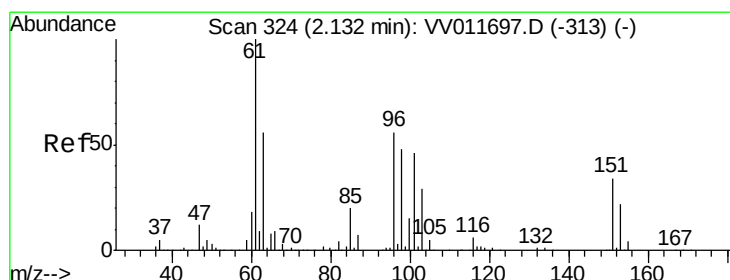
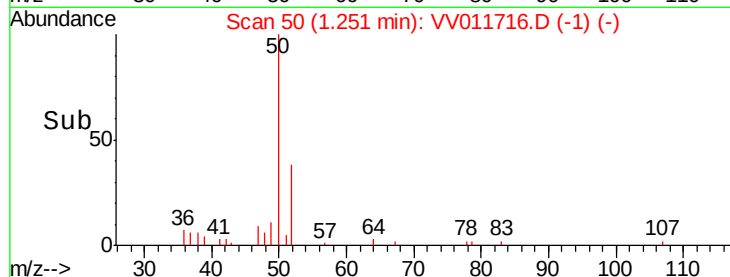
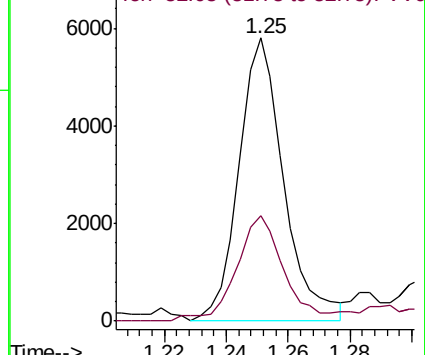
50 100

52 37.4 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 4.411 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

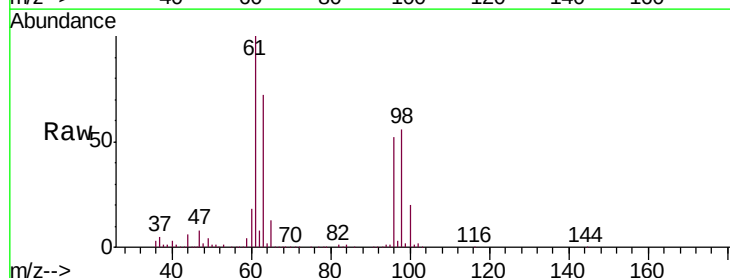
Tgt Ion: 96 Resp: 44639

Ion Ratio Lower Upper

96 100

61 193.1 131.5 244.1

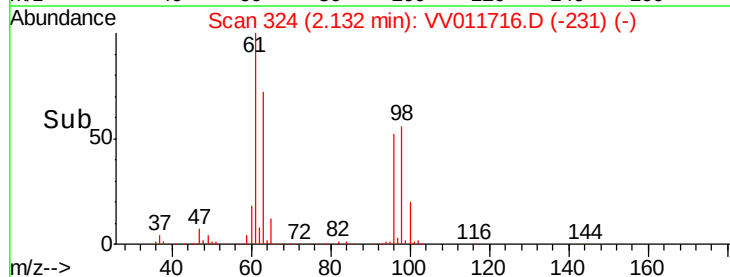
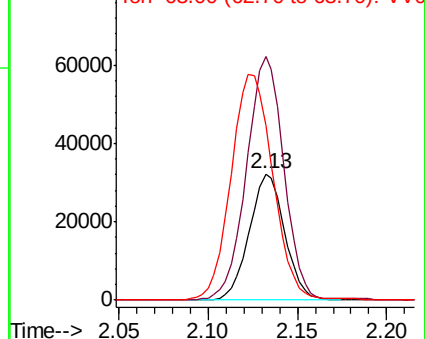
63 138.9 91.8 170.4

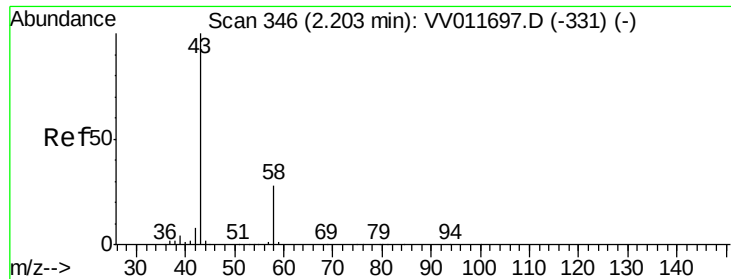


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.393 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

Instrument :

MSVOA_V

ClientSampleId :

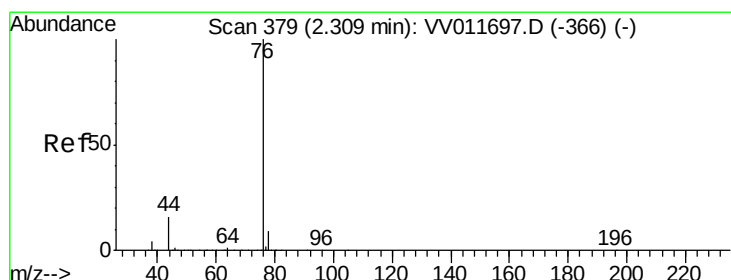
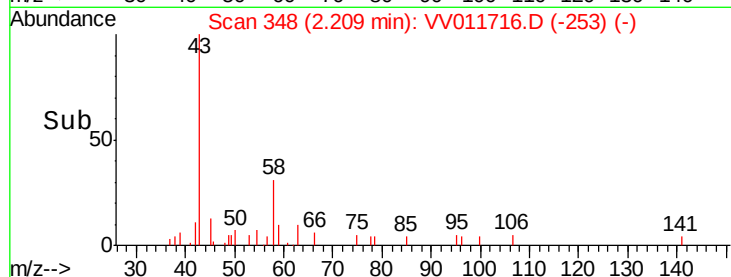
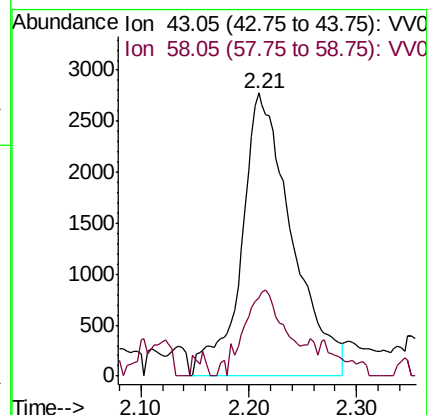
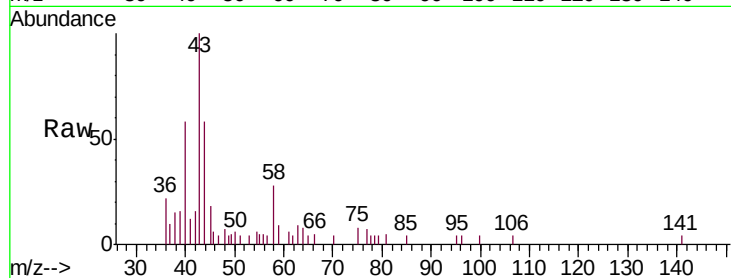
YAP07MS

Tgt Ion: 43 Resp: 9073

Ion Ratio Lower Upper

43 100

58 24.1 0.0 56.6



#14

Carbon disulfide

Concen: 0.116 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV011716.D

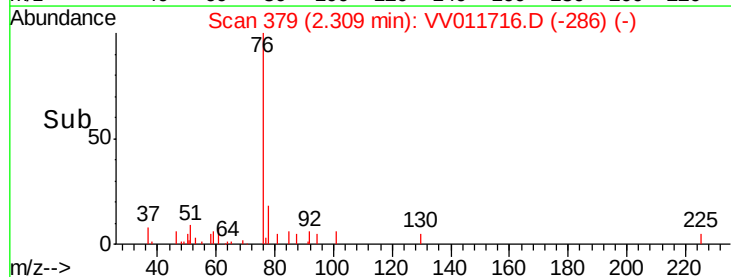
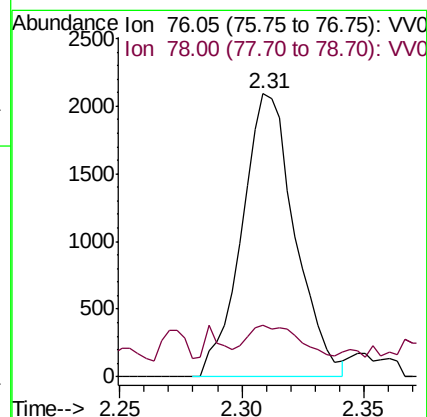
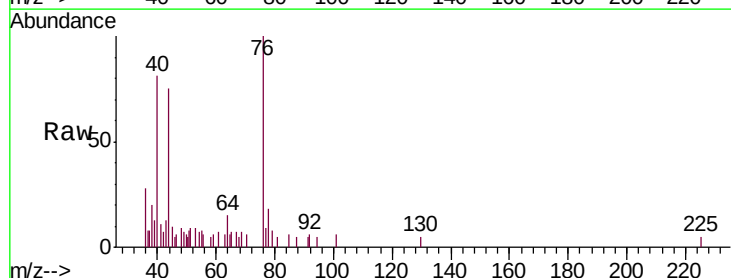
Acq: 22 Jun 2019 05:29

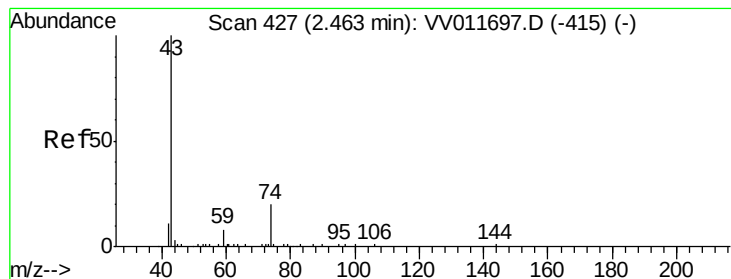
Tgt Ion: 76 Resp: 3158

Ion Ratio Lower Upper

76 100

78 18.1 7.0 10.4#





#15

Methyl Acetate

Concen: 0.184 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

Instrument :

MSVOA_V

ClientSampleId :

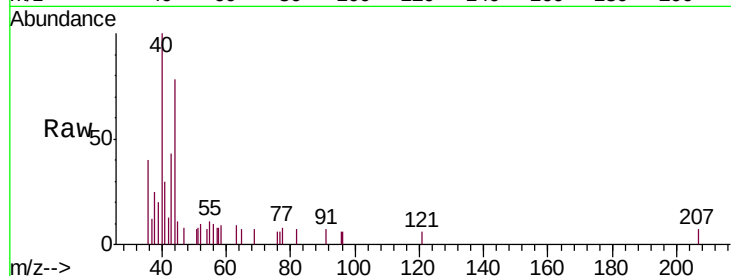
YAP07MS

Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

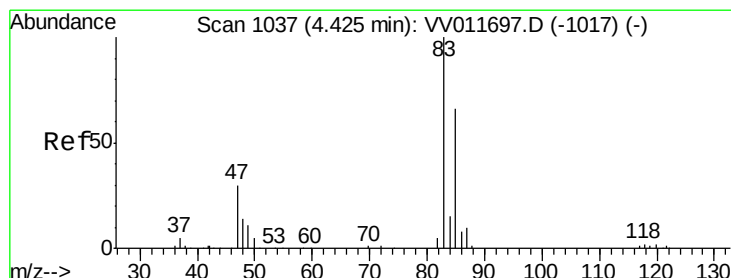
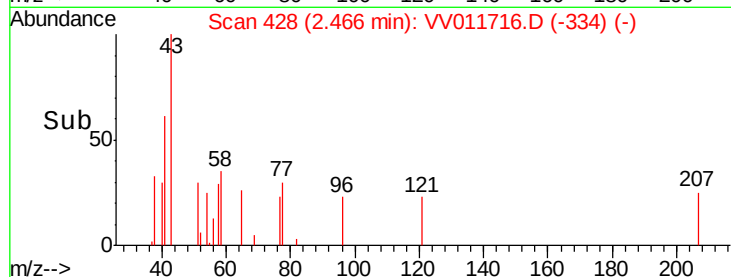
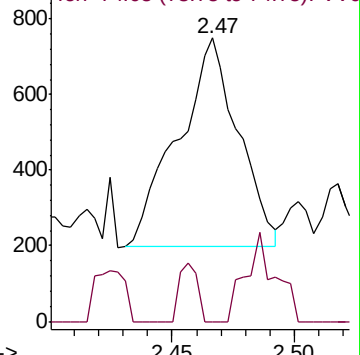
43 100

74 8.5 16.2 24.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#25

Chloroform

Concen: 0.336 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV011716.D

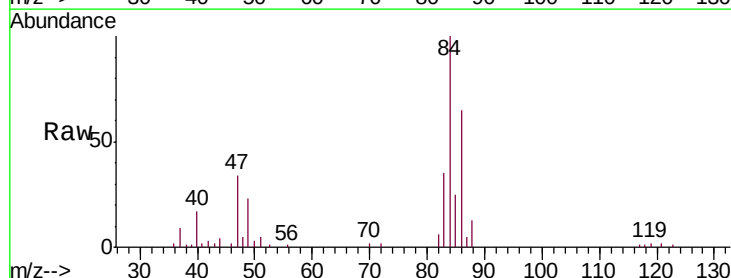
Acq: 22 Jun 2019 05:29

Tgt Ion: 83 Resp: 8724

Ion Ratio Lower Upper

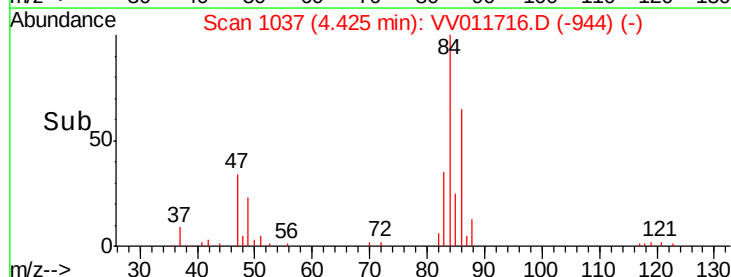
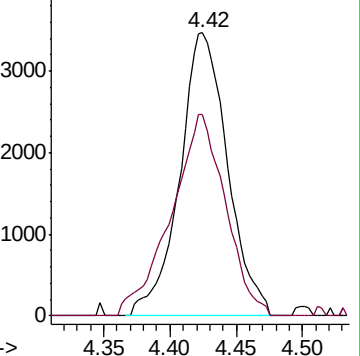
83 100

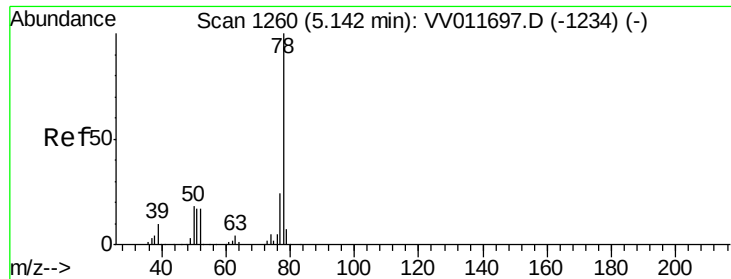
85 71.3 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

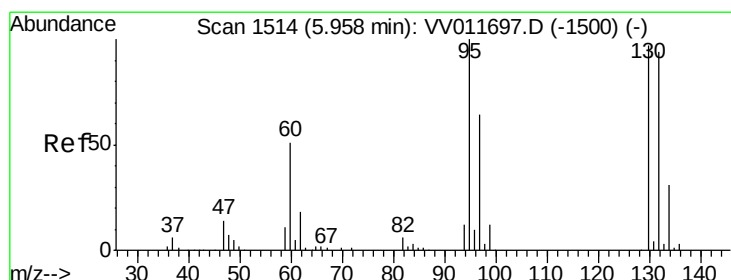
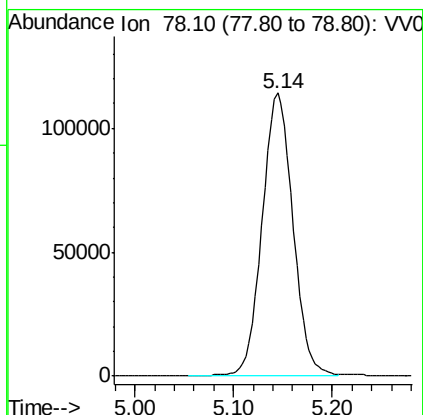
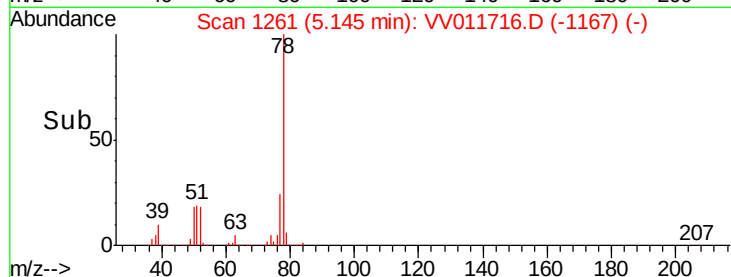
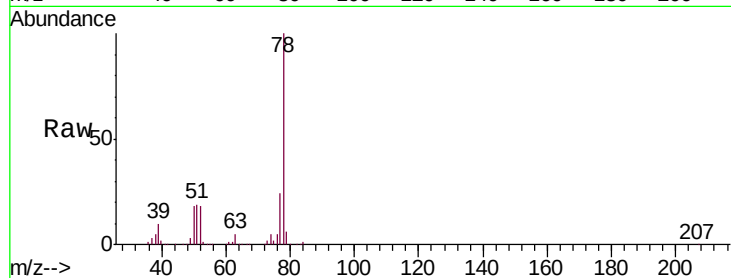




#33
Benzene
Concen: 4.853 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV011716.D
Acq: 22 Jun 2019 05:29

Instrument :
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ClientSampleId :
YAP07MS

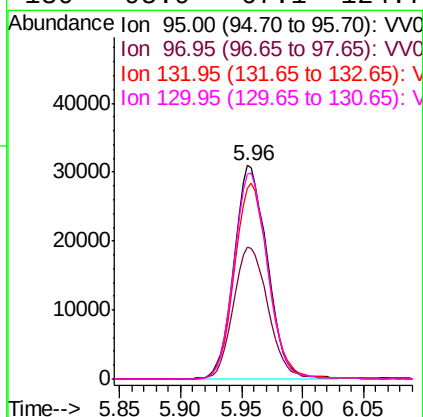
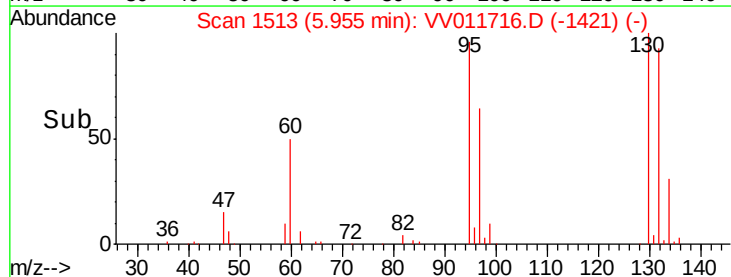
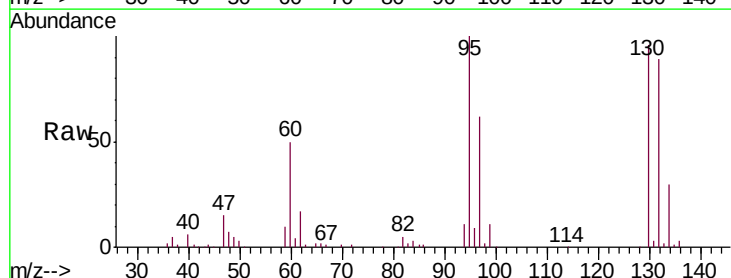
Tgt Ion: 78 Resp: 246487

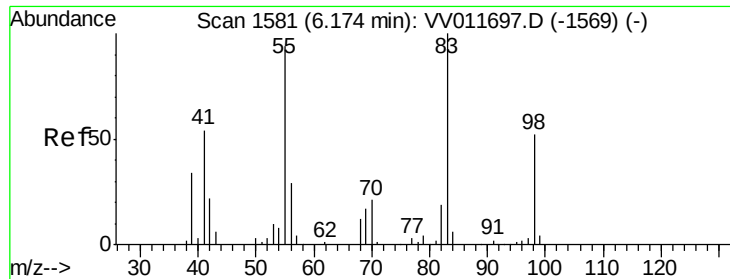


#34
Trichloroethene
Concen: 4.365 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011716.D
Acq: 22 Jun 2019 05:29

Tgt Ion: 95 Resp: 58789

Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.4	82.5
132	89.0	65.0	120.6
130	95.9	67.1	124.7

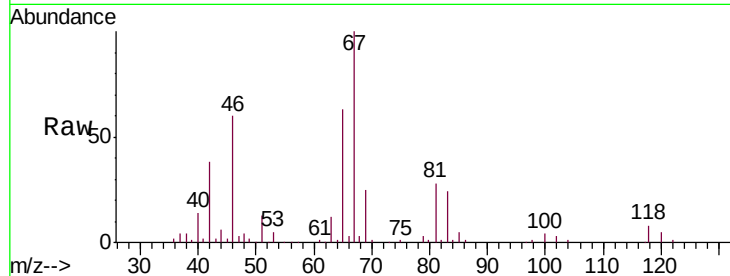




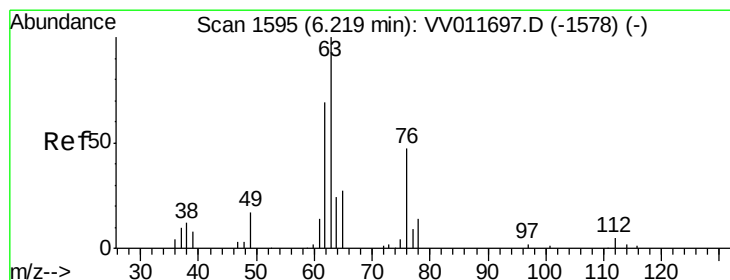
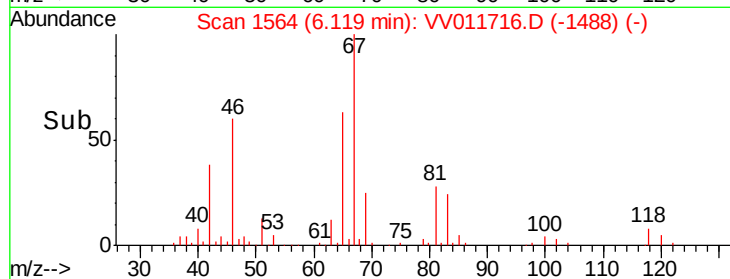
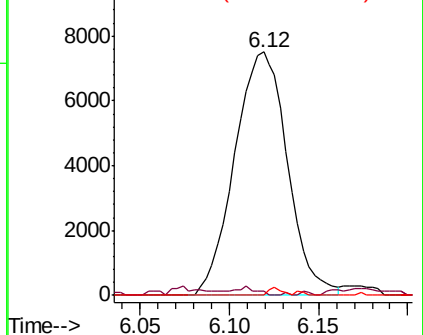
#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011716.D
Acq: 22 Jun 2019 05:29

Instrument :
MSVOA_V
ClientSampleId :
YAP07MS

Tgt Ion: 83 Resp: 15499
Ion Ratio Lower Upper
83 100
55 0.1 69.4 104.2#
98 0.8 40.2 60.4#

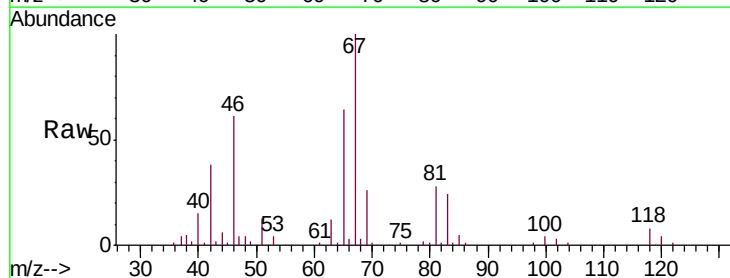


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

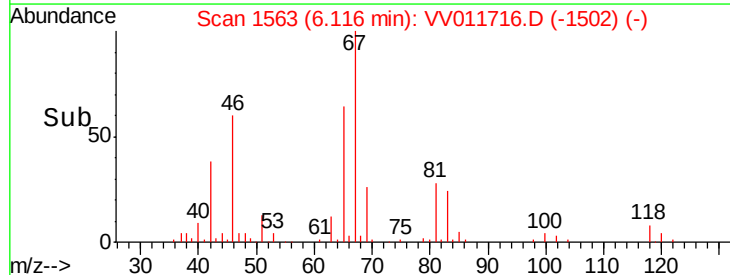
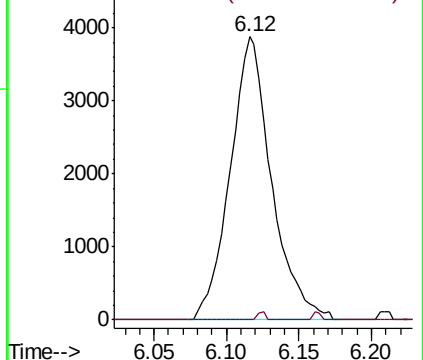


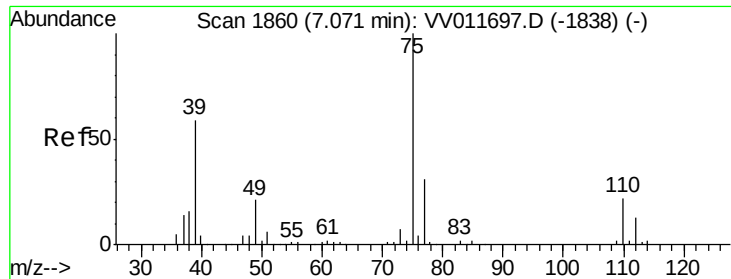
#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011716.D
Acq: 22 Jun 2019 05:29

Tgt Ion: 63 Resp: 7670
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

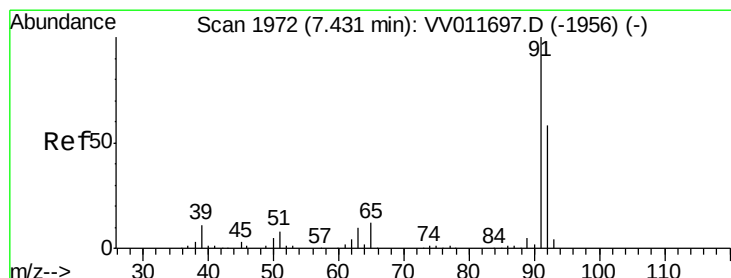
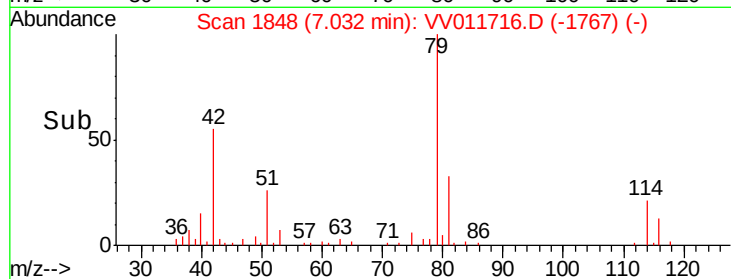
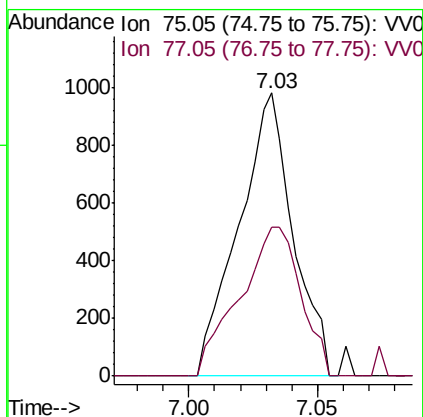
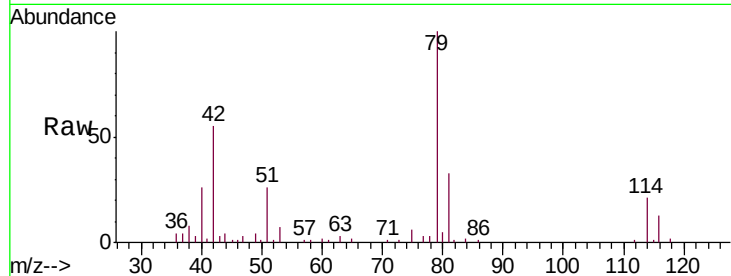




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011716.D
 Acq: 22 Jun 2019 05:29

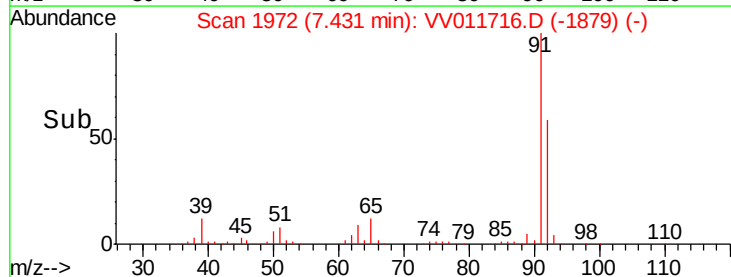
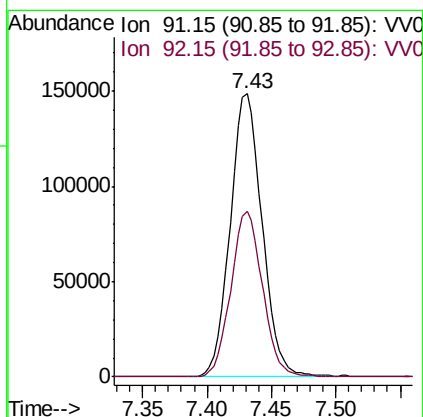
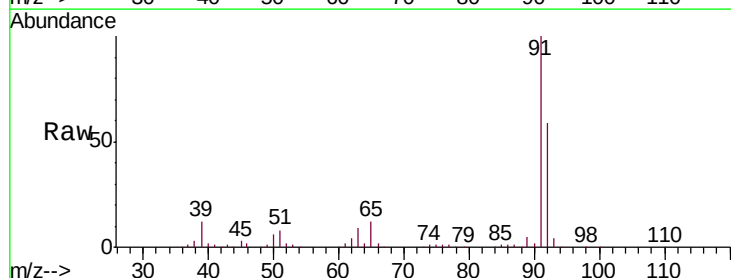
Instrument :
 MSVOA_V
 ClientSampleId :
 YAP07MS

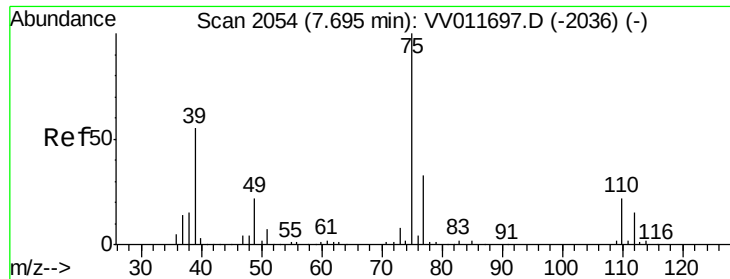
Tgt Ion: 75 Resp: 1445
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.4 41.6#



#42
 Toluene
 Concen: 4.822 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV011716.D
 Acq: 22 Jun 2019 05:29

Tgt Ion: 91 Resp: 255902
 Ion Ratio Lower Upper
 91 100
 92 58.5 40.3 74.9

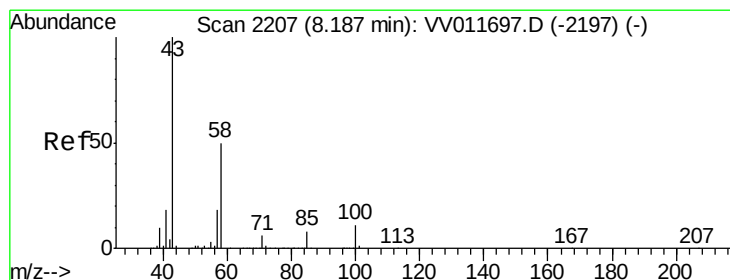
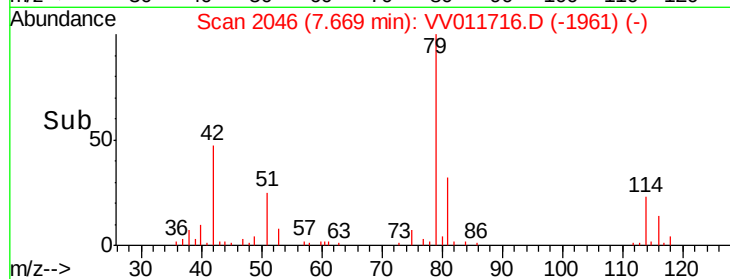
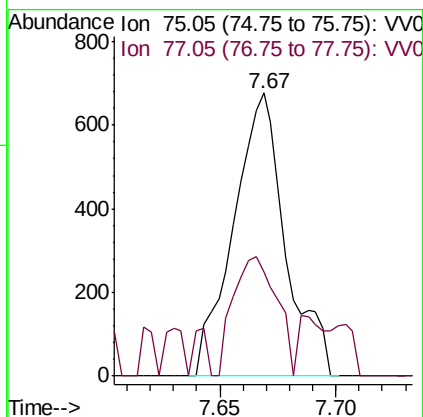
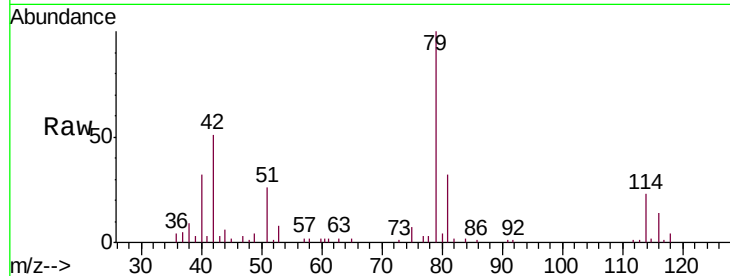




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV011716.D
Acq: 22 Jun 2019 05:29

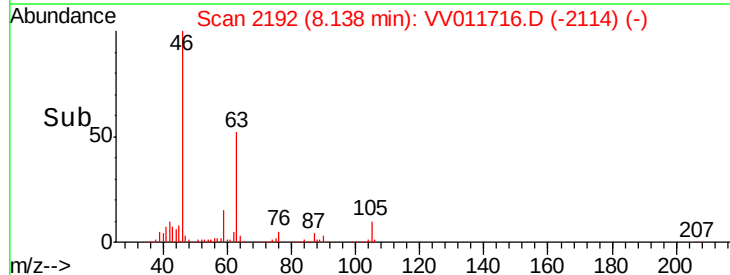
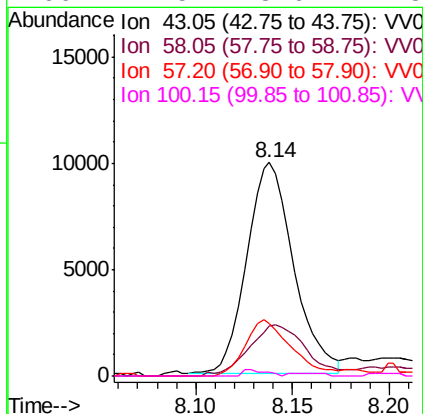
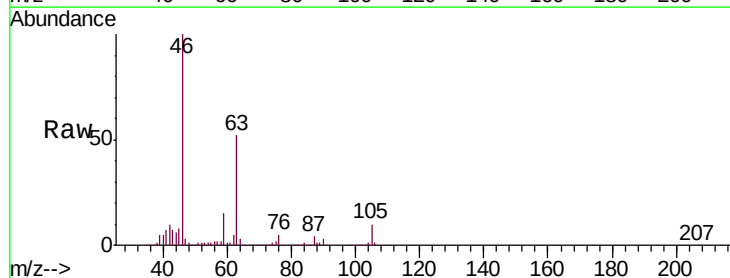
Instrument :
MSVOA_V
ClientSampleId :
YAP07MS

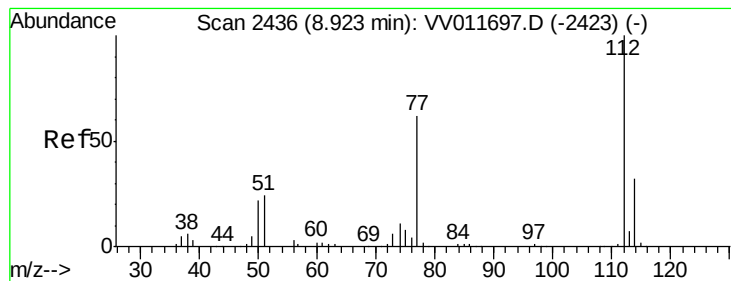
Tgt Ion: 75 Resp: 1059
Ion Ratio Lower Upper
75 100
77 36.9 22.7 42.1



#48
2-Hexanone
Concen: 2.919 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV011716.D
Acq: 22 Jun 2019 05:29

Tgt Ion: 43 Resp: 16603
Ion Ratio Lower Upper
43 100
58 29.4 40.1 60.1#
57 26.3 14.4 21.6#
100 1.5 8.6 12.8#





#51

Chlorobenzene

Concen: 4.701 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV011716.D

Acq: 22 Jun 2019 05:29

Instrument :

MSVOA_V

ClientSampleId :

YAP07MS

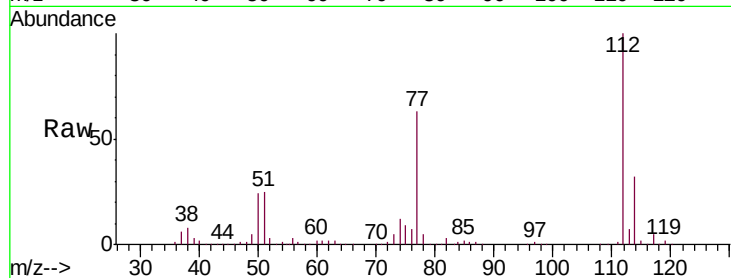
Tgt Ion:112 Resp: 154705

Ion Ratio Lower Upper

112 100

114 31.9 23.0 42.8

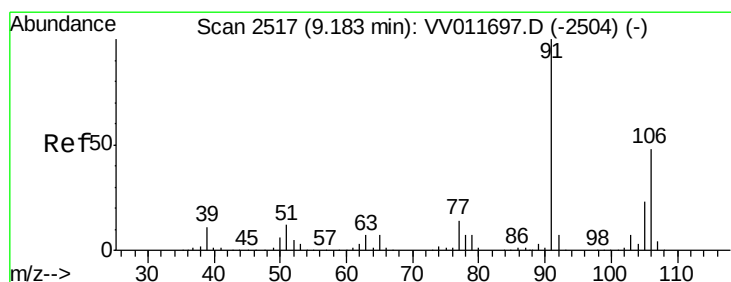
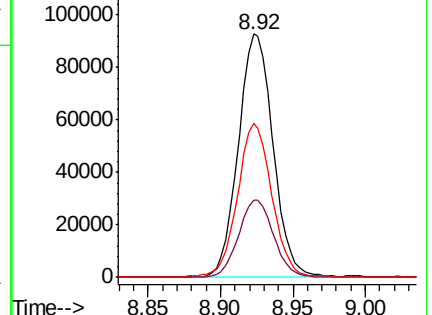
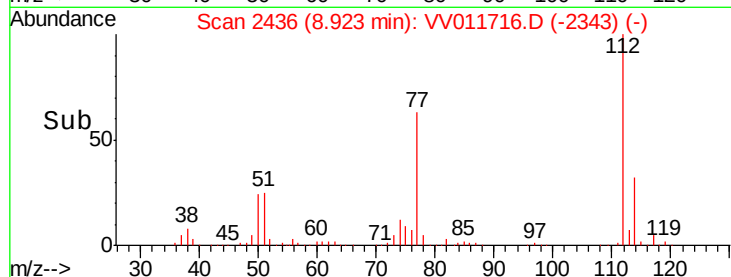
77 63.4 50.0 75.0



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#53

m,p-xylene

Concen: 0.128 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV011716.D

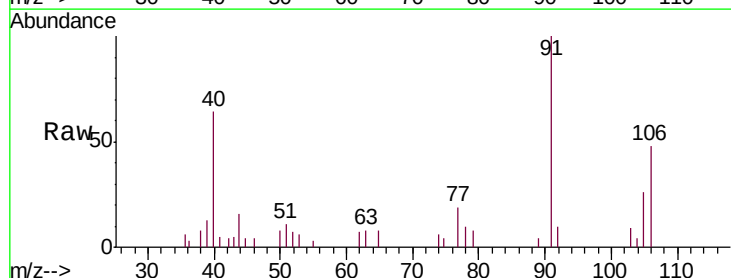
Acq: 22 Jun 2019 05:29

Tgt Ion:106 Resp: 2761

Ion Ratio Lower Upper

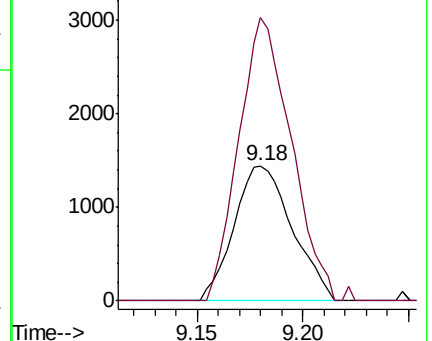
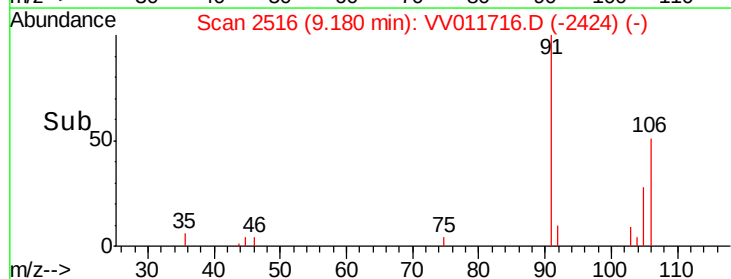
106 100

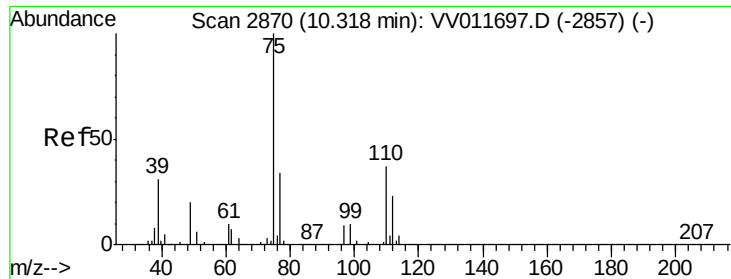
91 208.8 144.9 269.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): V

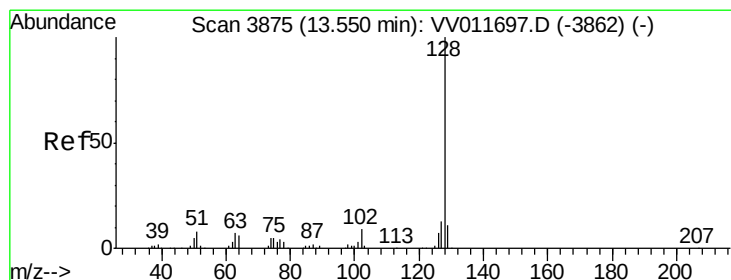
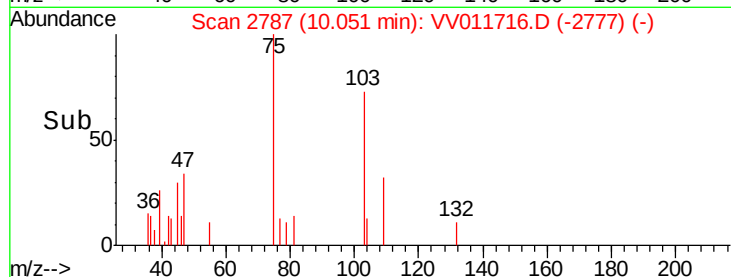
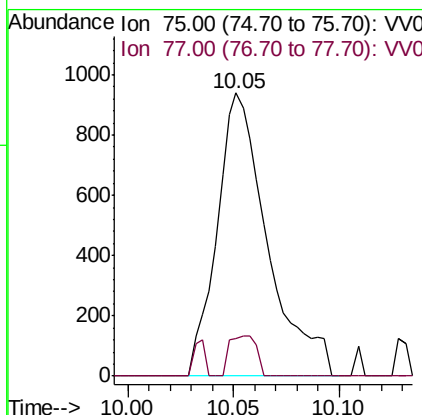
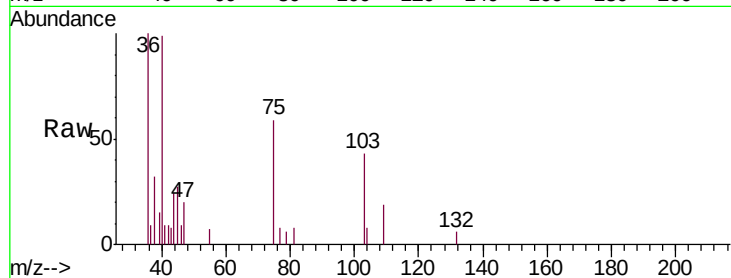




#59
 1,2,3-Trichloropropane
 Concen: 0.209 ug/L
 RT: 10.05 min Scan# 2787
 Delta R.T. -0.27 min
 Lab File: VV011716.D
 Acq: 22 Jun 2019 05:29

Instrument :
 MSVOA_V
 ClientSampleId :
 YAP07MS

Tgt Ion: 75 Resp: 1563
 Ion Ratio Lower Upper
 75 100
 77 7.6 25.2 37.8#



#69
 Naphthalene
 Concen: 0.063 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV011716.D
 Acq: 22 Jun 2019 05:29

Tgt Ion: 128 Resp: 1269
 Ion Ratio Lower Upper
 128 100
 129 3.6 8.7 13.1#
 127 10.0 10.5 15.7#

