

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009474.D
 Acq On : 26 Mar 2019 20:27
 Operator : SY/VA
 Sample : K2044-15
 Misc : 4.87G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:07:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	108022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	86052	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22922	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	28236	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
7) Chloroethane-d5	2.89	69	28494	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.44%
10) 1,1-Dichloroethene-d2	4.00	63	40548	14.53	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
20) 2-Butanone-d5	7.08	46	18886	35.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.76%
24) Chloroform-d	7.65	84	65597	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	8.31	65	39455	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.88%
29) Benzene-d6	8.27	84	117841	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	9.27	67	39577	27.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.08%
37) Toluene-d8	10.32	98	97058	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.48%
38) trans-1,3-Dichloropropene-	10.58	79	10989	15.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.40%
39) 2-Hexanone-d5	10.93	63	13687	39.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29154	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	18795	21.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.52%

Target Compounds

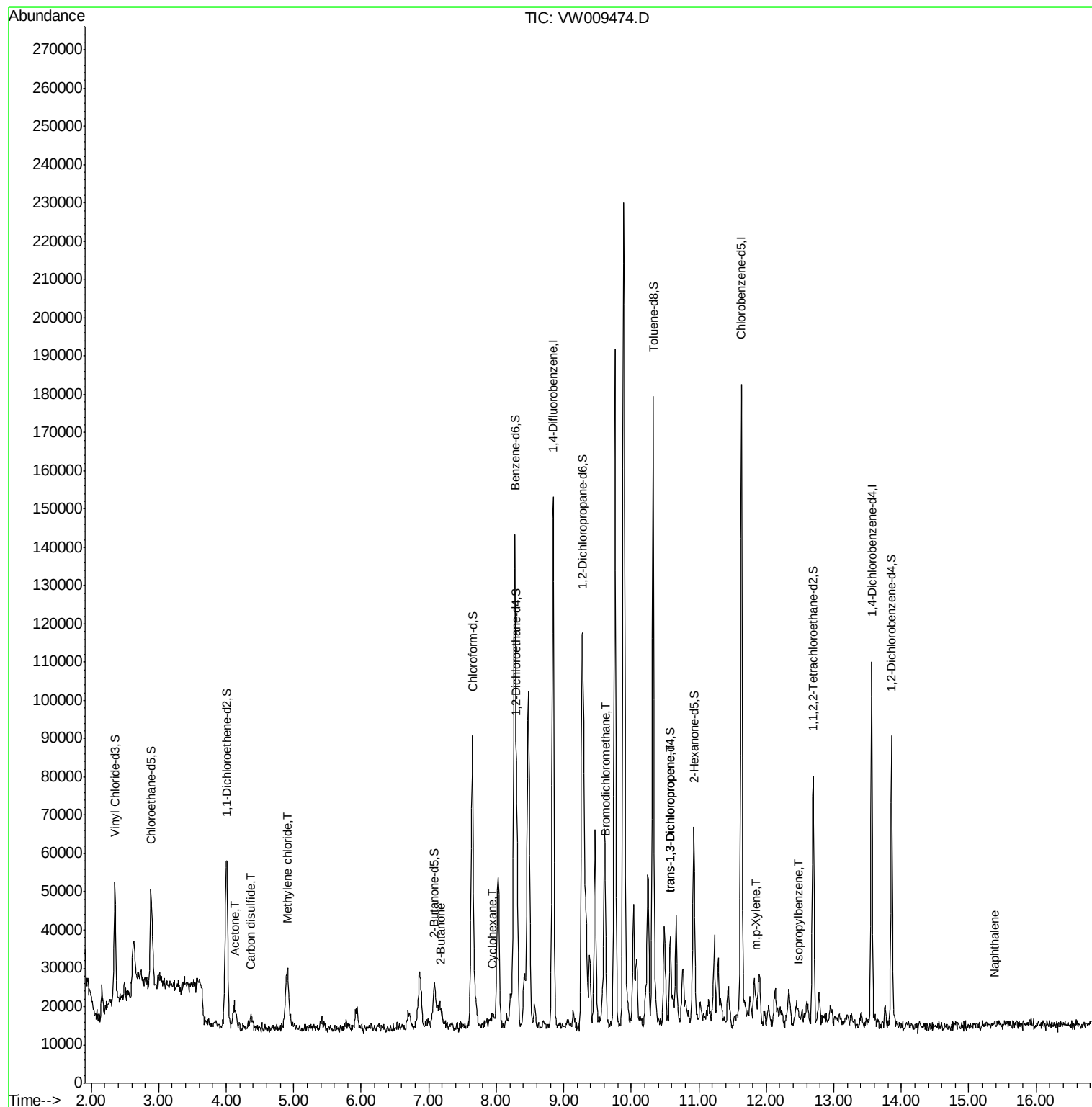
					Ovalue
13) Acetone	4.12	43	11053	25.248	ug/L 78
14) Carbon disulfide	4.37	76	4266	1.192	ug/L # 92
16) Methylene chloride	4.90	84	8862	5.626	ug/L 93
21) 2-Butanone	7.18	43	2803	4.637	ug/L 76
30) Cyclohexane	7.95	56	1386	0.709	ug/L # 75
41) Bromodichloromethane	9.62	83	491	0.293	ug/L # 26
45) trans-1,3-Dichloropropene	10.57	75	672	0.392	ug/L # 30
54) m,p-Xylene	11.84	106	741	0.337	ug/L 73
57) Isopropylbenzene	12.47	105	2166	0.377	ug/L # 94
69) Naphthalene	15.38	128	464	0.250	ug/L # 68

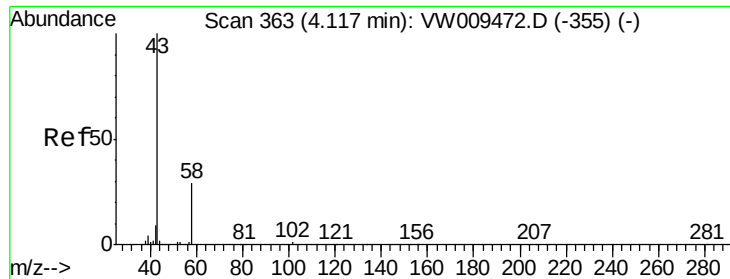
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 25.248 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009474.D

Acq: 26 Mar 2019 20:27

Instrument :

MSVOA_W

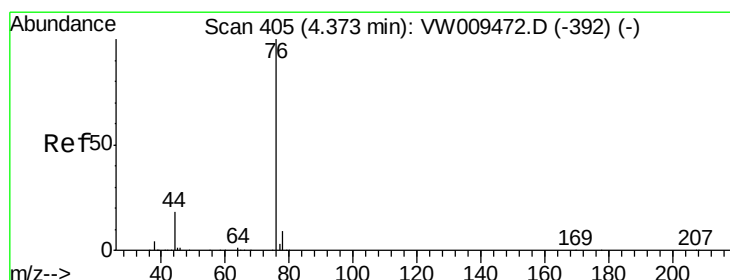
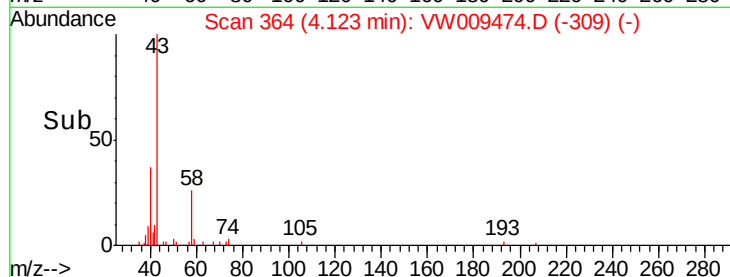
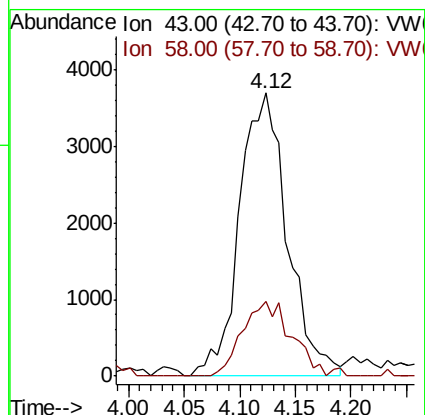
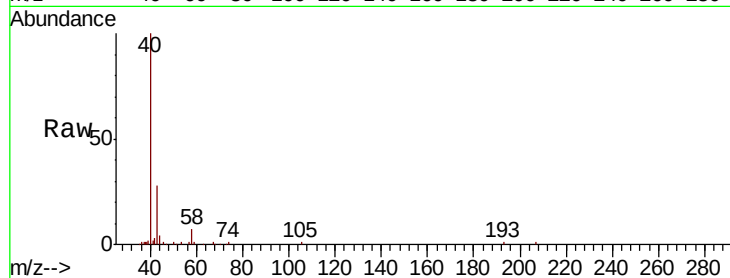
ClientSampleId :

Tot Ion: 43 Resp: 11053

Ion Ratio Lower Upper

43 100

58 16.7 0.0 56.2



#14

Carbon disulfide

Concen: 1.192 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009474.D

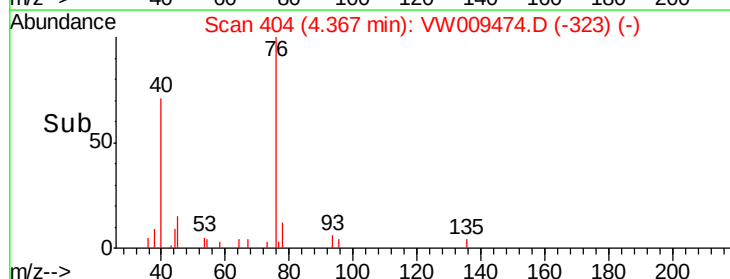
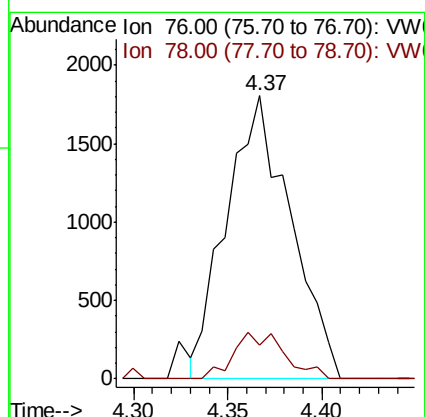
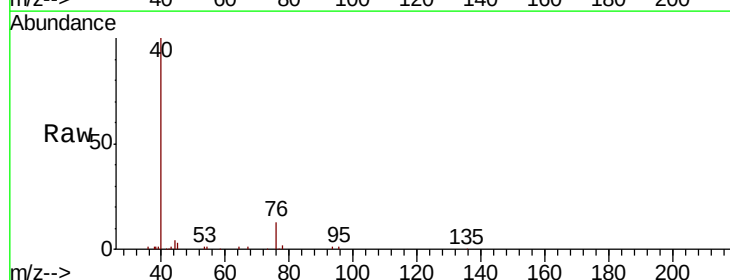
Acq: 26 Mar 2019 20:27

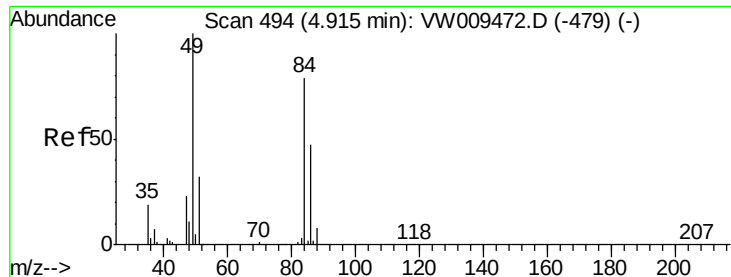
Tgt Ion: 76 Resp: 4266

Ion Ratio Lower Upper

76 100

78 12.0 7.3 10.9#

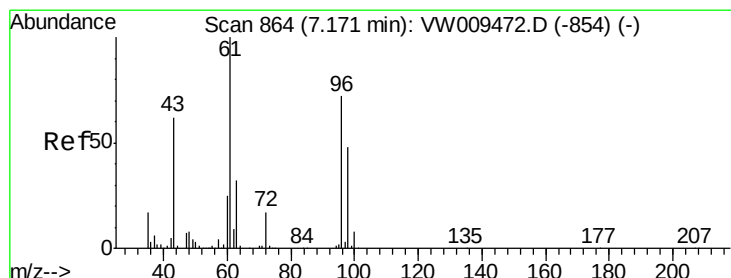
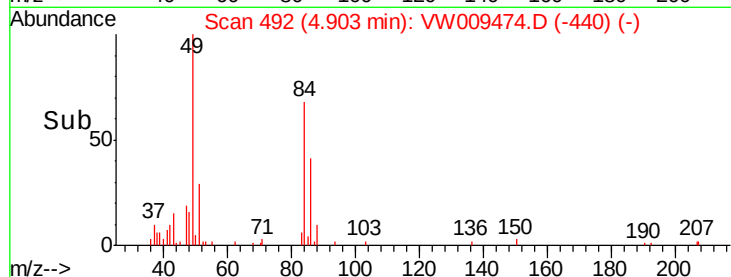
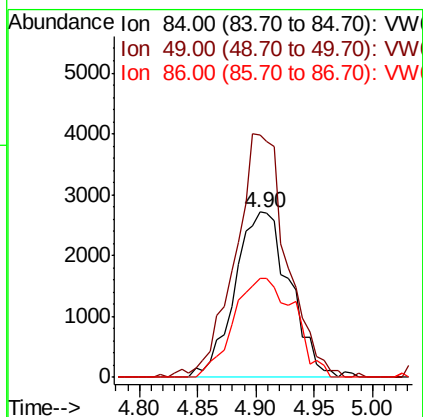
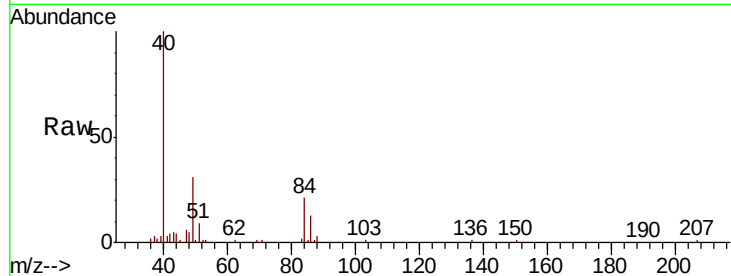




#16
Methylene chloride
Concen: 5.626 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009474.D
Acq: 26 Mar 2019 20:27

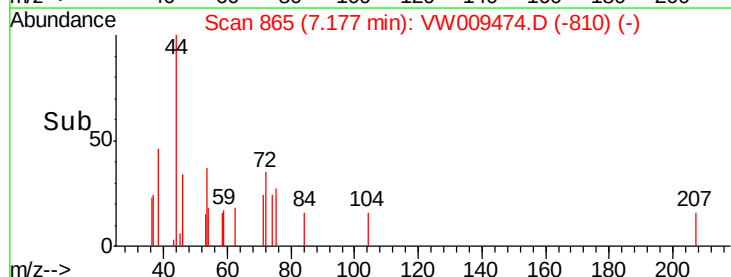
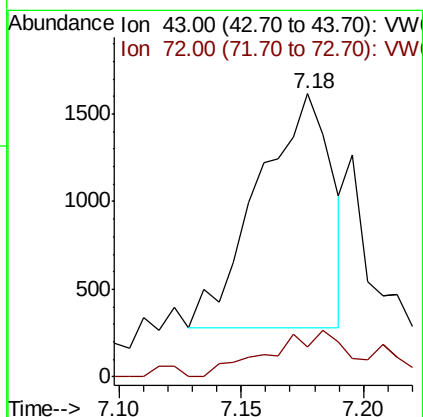
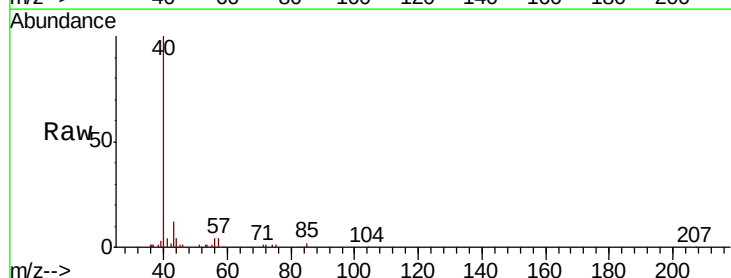
Instrument :
MSVOA_W
ClientSampled :

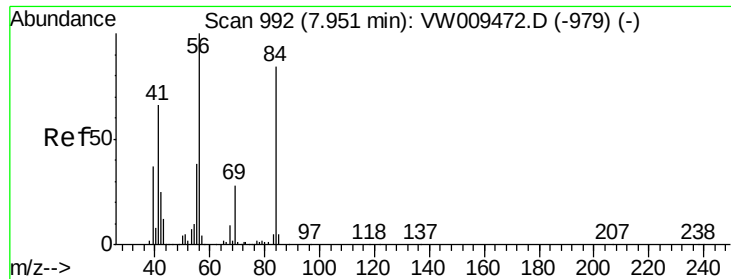
Tot Ion: 84 Resp: 8862
Ion Ratio Lower Upper
84 100
49 146.5 96.0 178.2
86 60.1 44.4 82.5



#21
2-Butanone
Concen: 4.637 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009474.D
Acq: 26 Mar 2019 20:27

Tgt Ion: 43 Resp: 2803
Ion Ratio Lower Upper
43 100
72 14.1 13.1 39.1

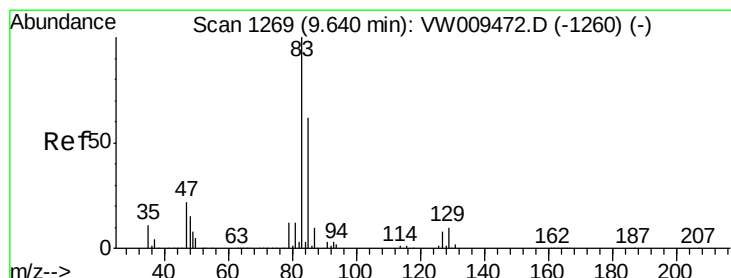
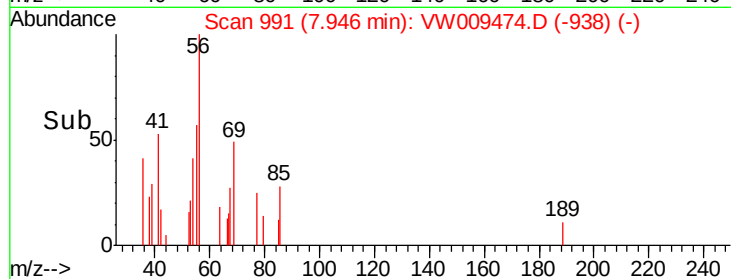
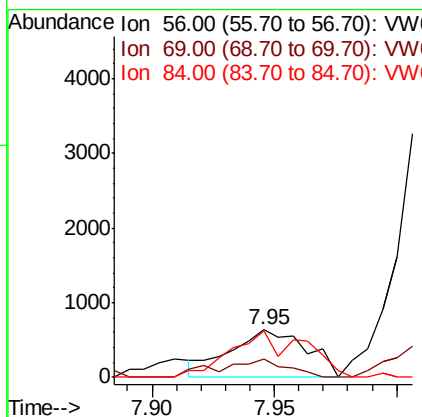
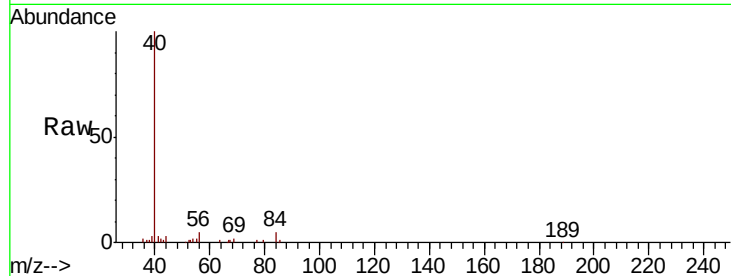




#30
Cyclohexane
Concen: 0.709 ug/L
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009474.D
Acq: 26 Mar 2019 20:27

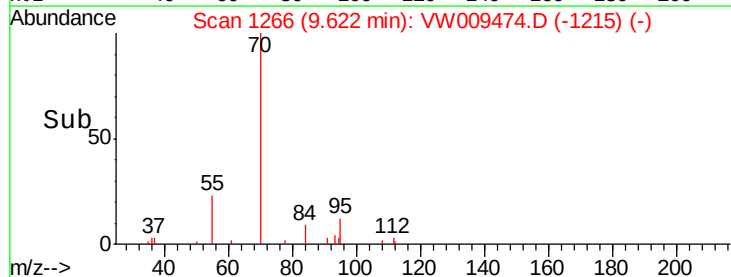
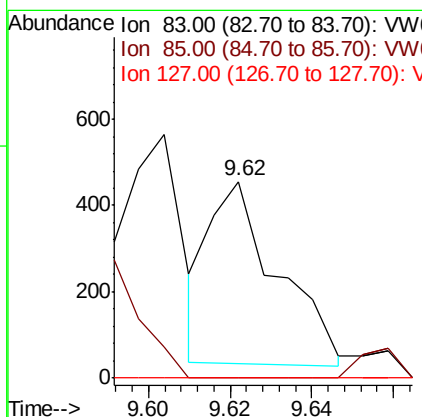
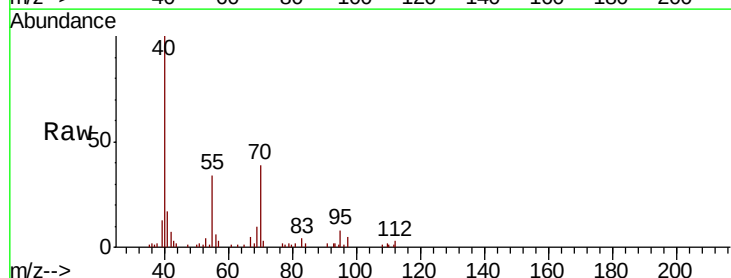
Instrument :
MSVOA_W
ClientSampleId :

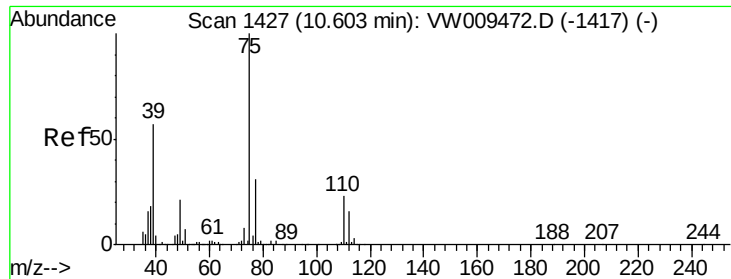
Tot Ion: 56 Resp: 1386
Ion Ratio Lower Upper
56 100
69 25.0 24.0 36.0
84 57.9 69.2 103.8#



#41
Bromodichloromethane
Concen: 0.293 ug/L
RT: 9.62 min Scan# 1266
Delta R.T. -0.02 min
Lab File: VW009474.D
Acq: 26 Mar 2019 20:27

Tgt Ion: 83 Resp: 491
Ion Ratio Lower Upper
83 100
85 0.0 43.5 80.7#
127 0.0 6.2 9.4#





#45

trans-1,3-Dichloropropene

Concen: 0.392 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009474.D

Acq: 26 Mar 2019 20:27

Instrument :

MSVOA_W

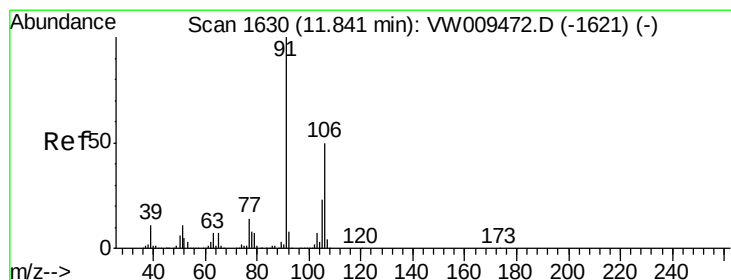
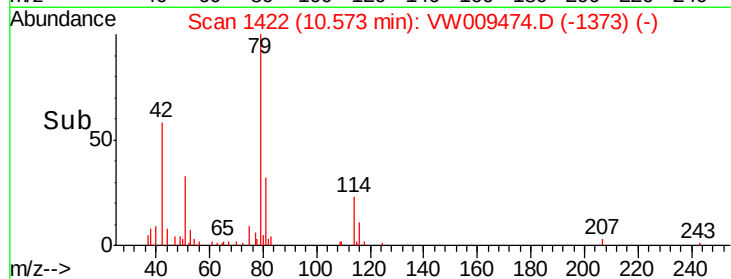
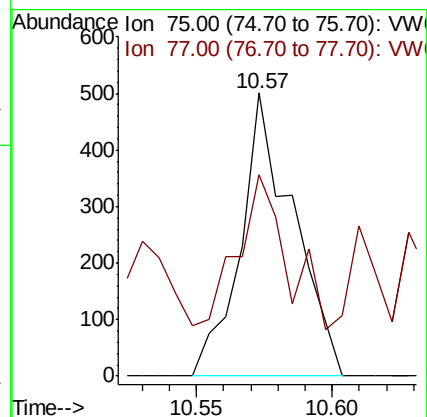
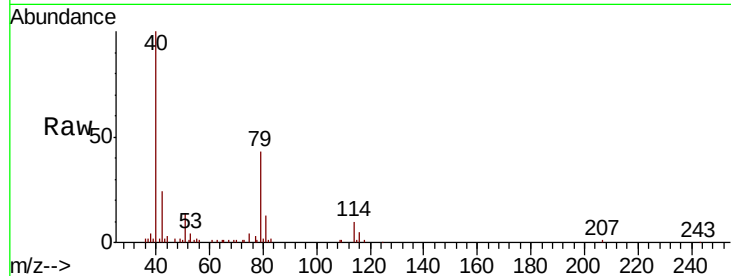
ClientSampled :

Tot Ion: 75 Resp: 672

Ion Ratio Lower Upper

75 100

77 71.1 22.5 41.7#



#54

m,p-Xylene

Concen: 0.337 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009474.D

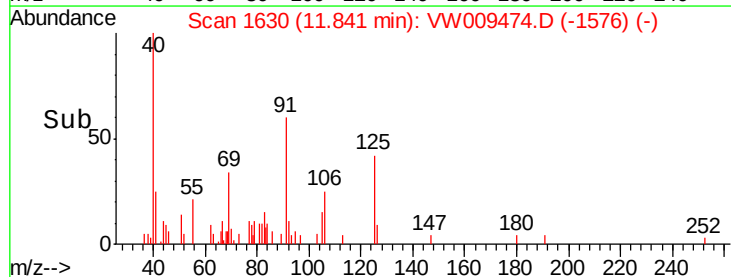
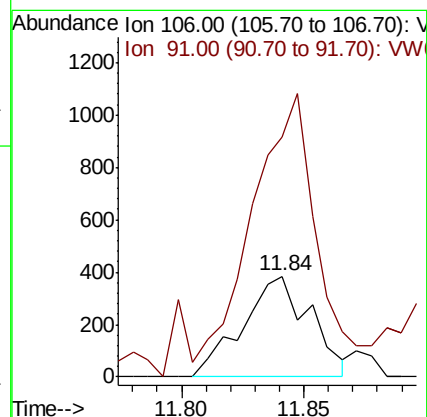
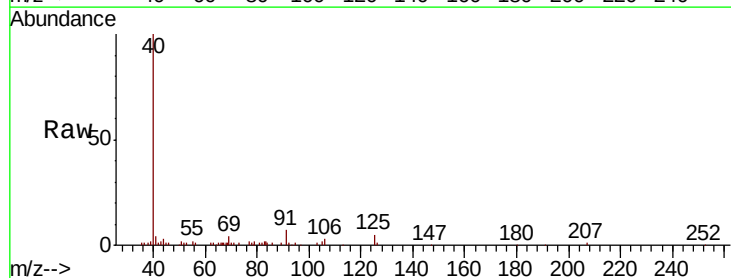
Acq: 26 Mar 2019 20:27

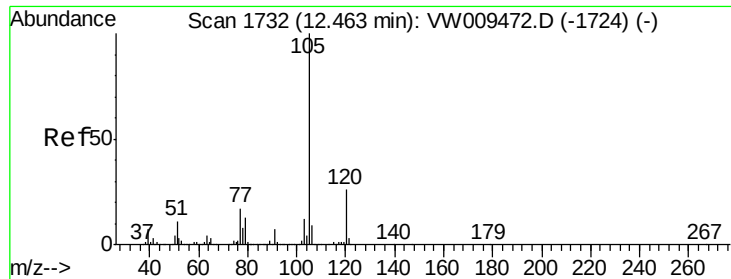
Tgt Ion: 106 Resp: 741

Ion Ratio Lower Upper

106 100

91 238.8 138.4 257.0





#57

Isopropylbenzene

Concen: 0.377 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW009474.D

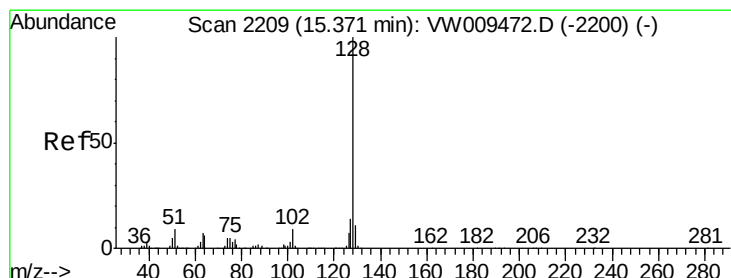
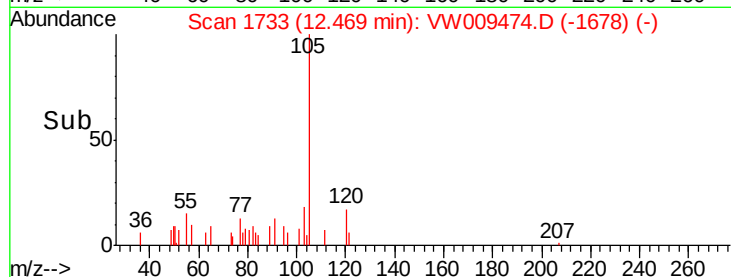
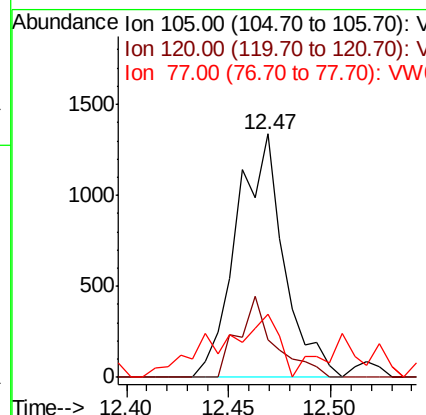
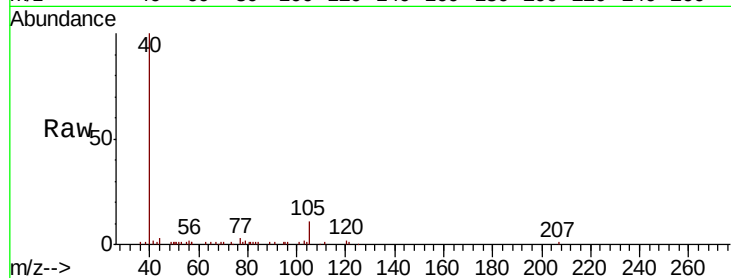
Acq: 26 Mar 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	105	Resp:	2166
Ion	Ratio	Lower	Upper
105	100		
120	25.5	21.3	31.9
77	21.4	13.1	19.7



#69

Naphthalene

Concen: 0.250 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW009474.D

Acq: 26 Mar 2019 20:27

Tgt Ion:	128	Resp:	464
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1
127	0.0	11.1	16.7

