

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005762.D
 Acq On : 02 Oct 2018 04:06
 Operator : SY/AP
 Sample : J5181-09
 Misc : 3.98G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:21:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	230974	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	192837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	67184	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44476	15.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.40%
7) Chloroethane-d5	2.90	69	41034	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
10) 1,1-Dichloroethene-d2	4.01	63	80454	12.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.04%
20) 2-Butanone-d5	7.09	46	45309	47.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.86%
24) Chloroform-d	7.65	84	138099	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	82375	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.68%
29) Benzene-d6	8.28	84	238243	24.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.84%
33) 1,2-Dichloropropane-d6	9.28	67	80322	29.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.44%
37) Toluene-d8	10.33	98	193661	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.20%
38) trans-1,3-Dichloropropene-	10.58	79	26407	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.88%
39) 2-Hexanone-d5	10.93	63	31754	49.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64092	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	51686	21.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.96%

Target Compounds

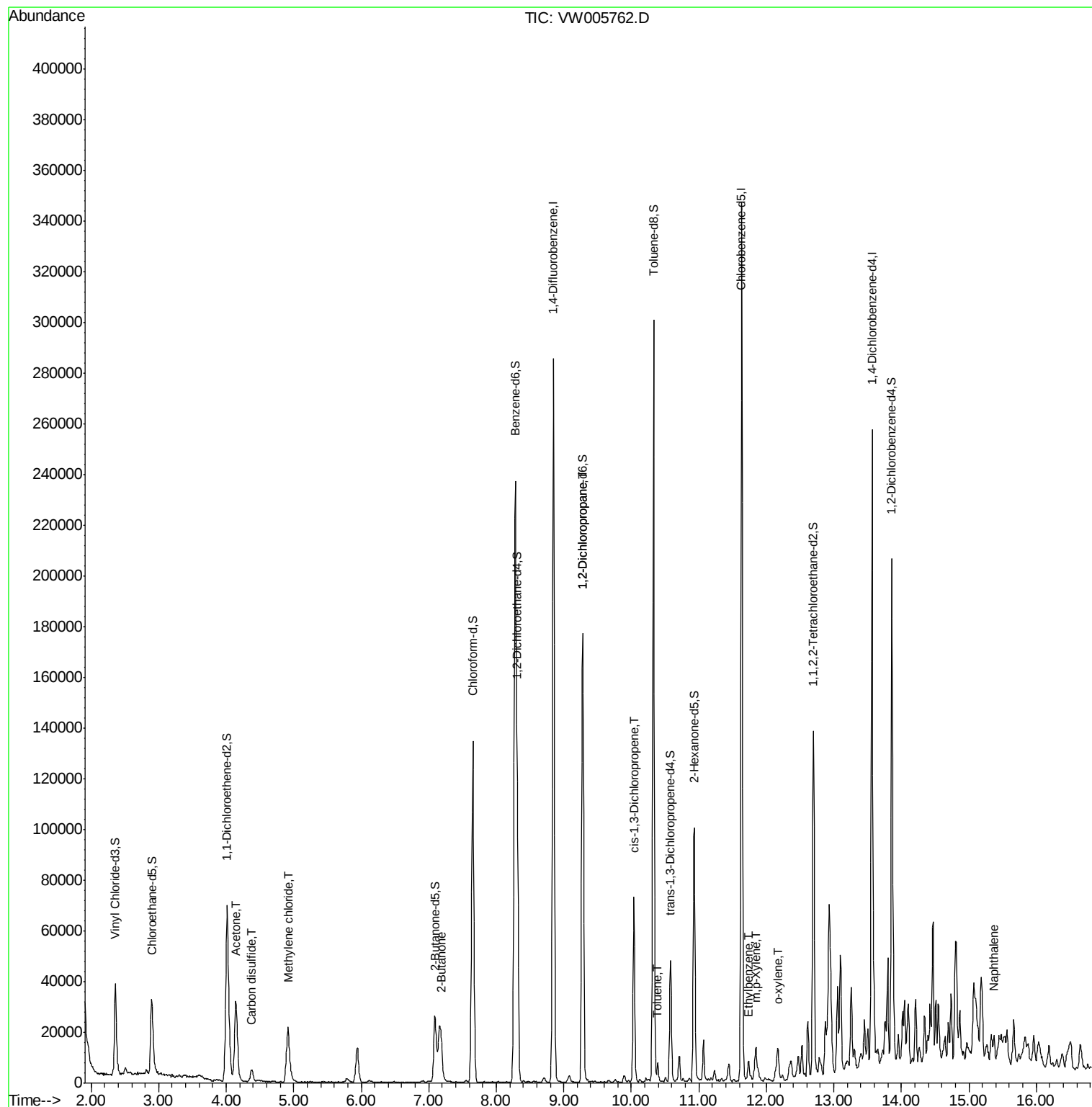
					Ovalue
13) Acetone	4.14	43	62715	63.711	ug/L 70
14) Carbon disulfide	4.37	76	6533	0.695	ug/L 100
16) Methylene chloride	4.92	84	17271	4.535	ug/L 98
21) 2-Butanone	7.19	43	19124	16.222	ug/L 96
40) 1,2-Dichloropropane	9.27	63	9701	3.653	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	2000	0.456	ug/L # 62
44) Toluene	10.40	91	4968	0.408	ug/L 99
53) Ethylbenzene	11.74	91	5093	0.365	ug/L 91
54) m,p-Xylene	11.84	106	3303	0.629	ug/L 90
55) o-xylene	12.18	106	3060	0.618	ug/L 82
69) Naphthalene	15.37	128	5767	1.000	ug/L # 95

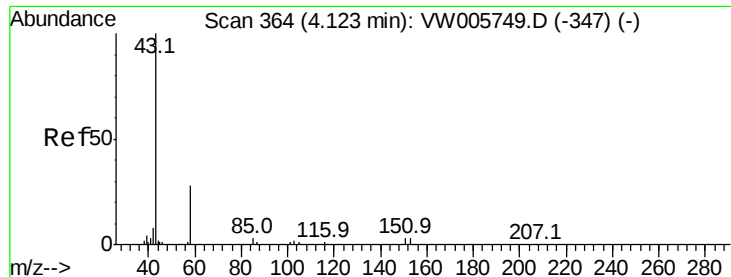
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 02 07:19:35 2018
Response via : Initial Calibration





#13

Acetone

Concen: 63.711 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW005762.D

Acq: 02 Oct 2018 04:06

Instrument :

MSVOA_W

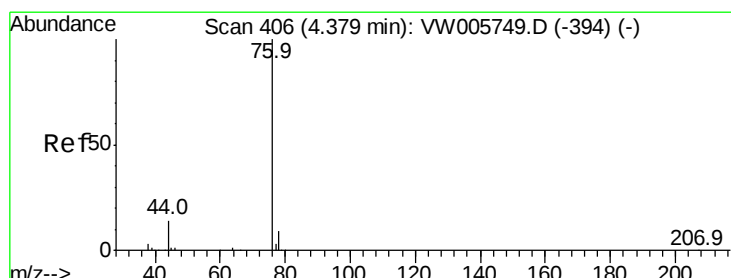
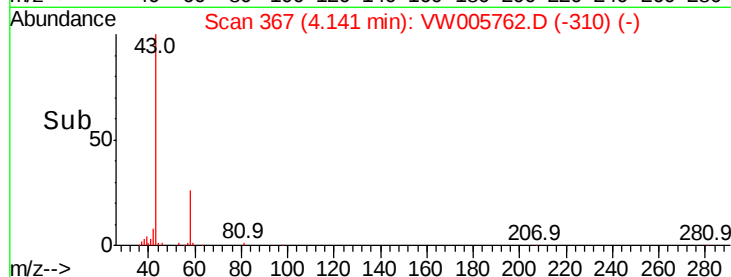
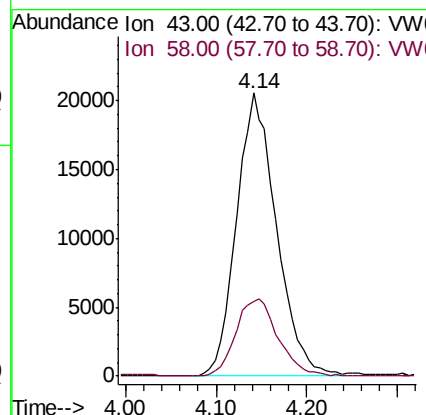
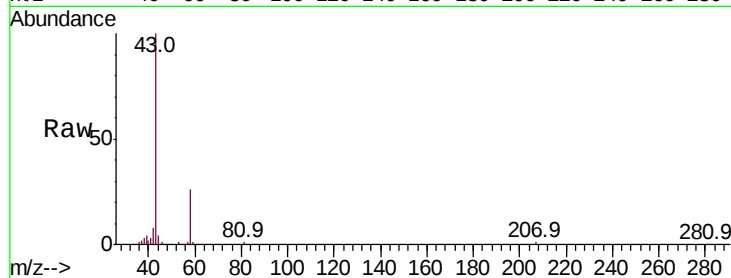
ClientSampled :

Tot Ion: 43 Resp: 62715

Ion Ratio Lower Upper

43 100

58 28.7 0.0 31.8



#14

Carbon disulfide

Concen: 0.695 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005762.D

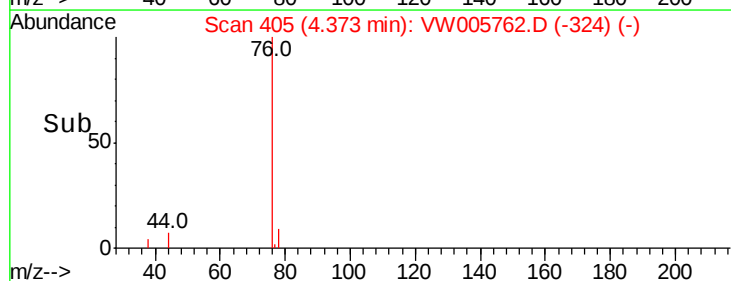
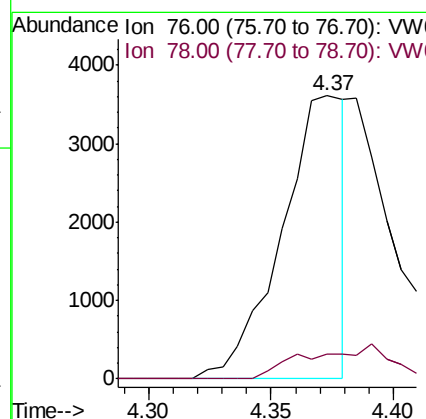
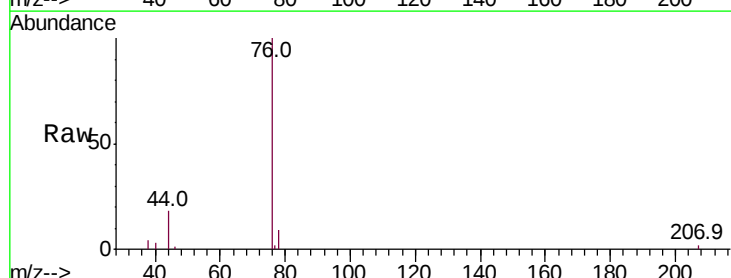
Acq: 02 Oct 2018 04:06

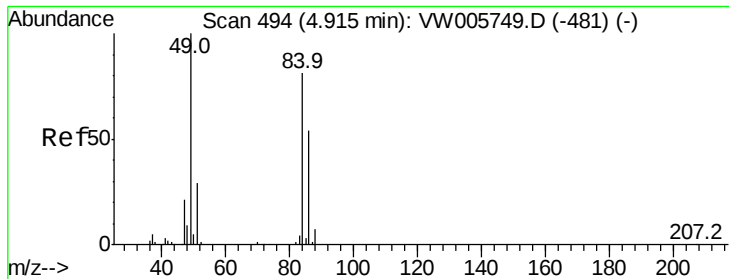
Tgt Ion: 76 Resp: 6533

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

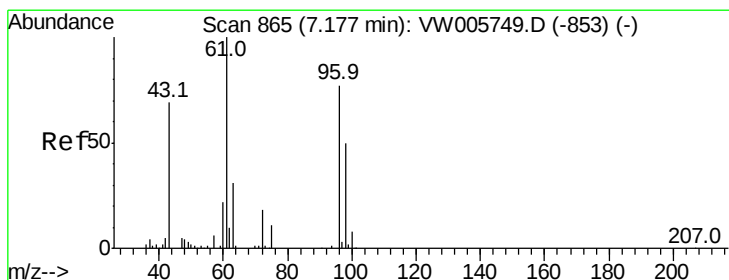
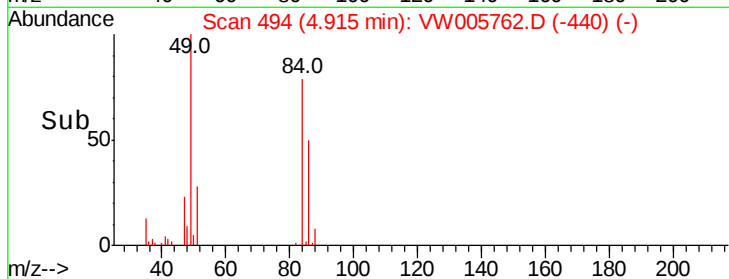
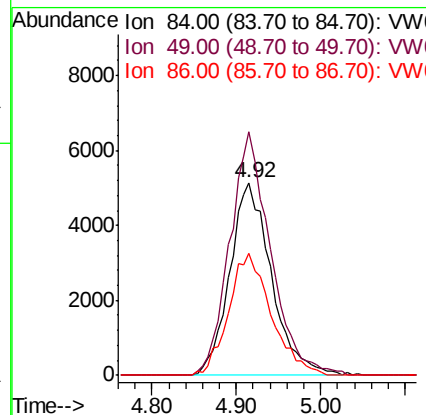
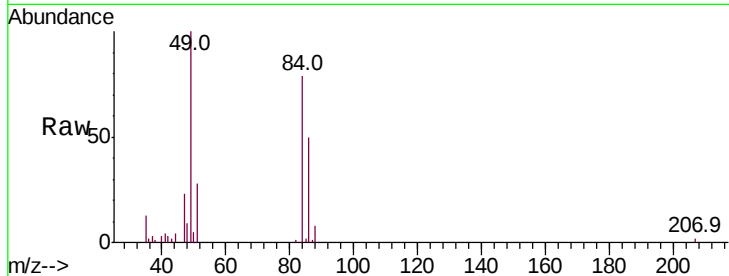




#16
Methvlene chloride
Concen: 4.535 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW005762.D
Acq: 02 Oct 2018 04:06

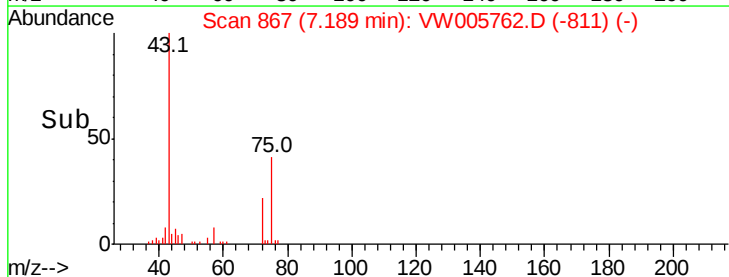
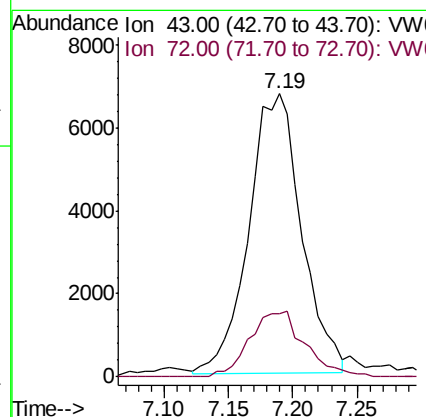
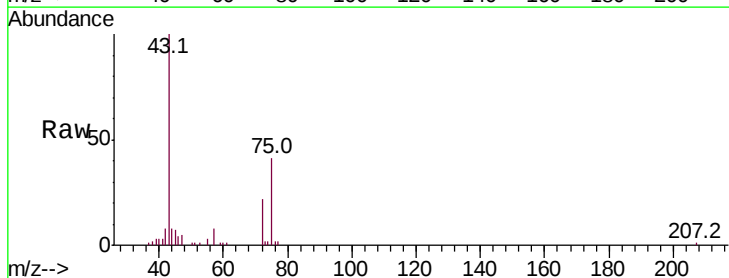
Instrument :
MSVOA_W
ClientSampleId :

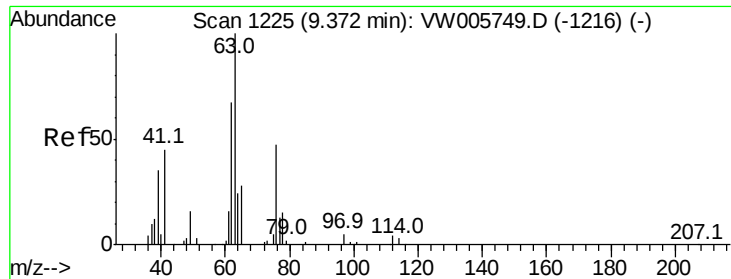
Tot Ion: 84 Resp: 17271
Ion Ratio Lower Upper
84 100
49 126.2 87.2 162.0
86 63.1 43.2 80.2



#21
2-Butanone
Concen: 16.222 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW005762.D
Acq: 02 Oct 2018 04:06

Tgt Ion: 43 Resp: 19124
Ion Ratio Lower Upper
43 100
72 24.5 13.2 39.6

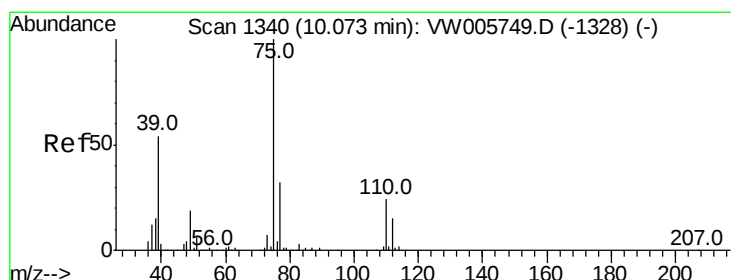
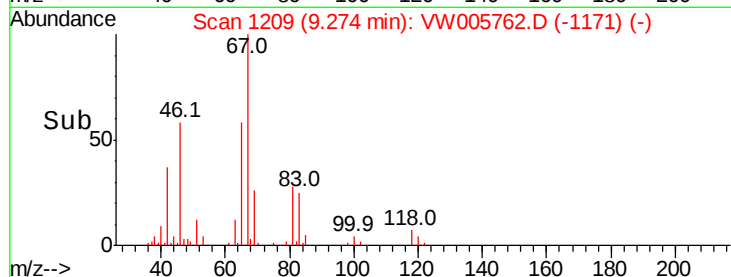
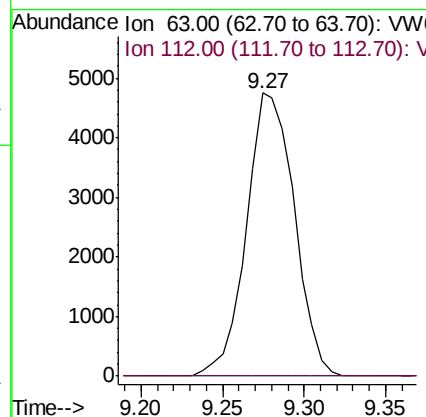
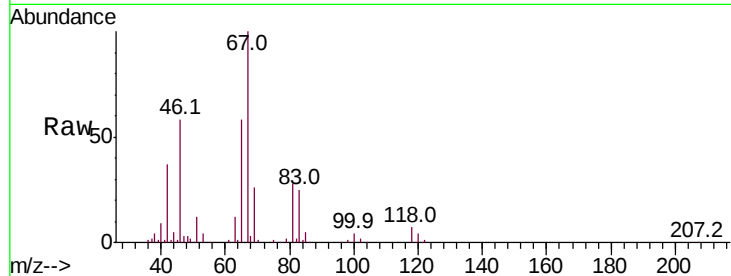




#40
 1,2-Dichloropropane
 Concen: 3.653 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW005762.D
 Acq: 02 Oct 2018 04:06

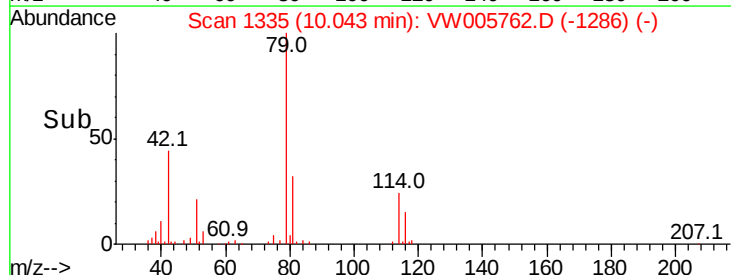
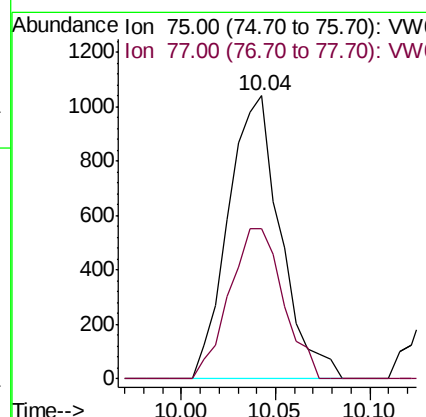
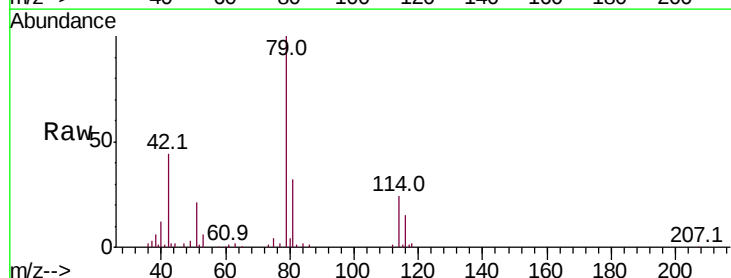
Instrument :
 MSVOA_W
 ClientSampled :

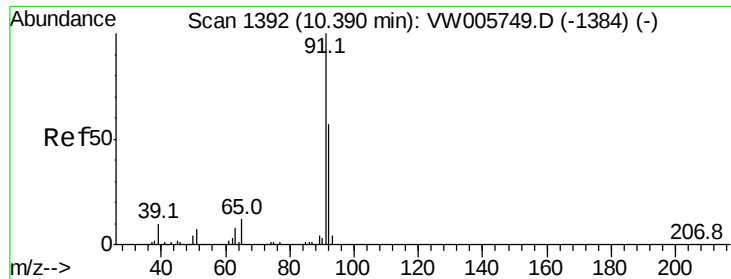
Tot Ion: 63 Resp: 9701
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.456 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW005762.D
 Acq: 02 Oct 2018 04:06

Tgt Ion: 75 Resp: 2000
 Ion Ratio Lower Upper
 75 100
 77 52.9 22.3 41.3#





#44

Toluene

Concen: 0.408 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005762.D

Acq: 02 Oct 2018 04:06

Instrument :

MSVOA_W

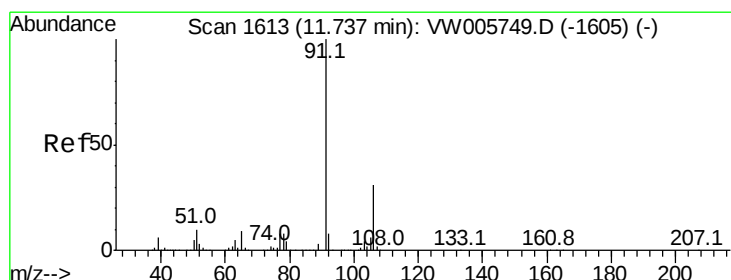
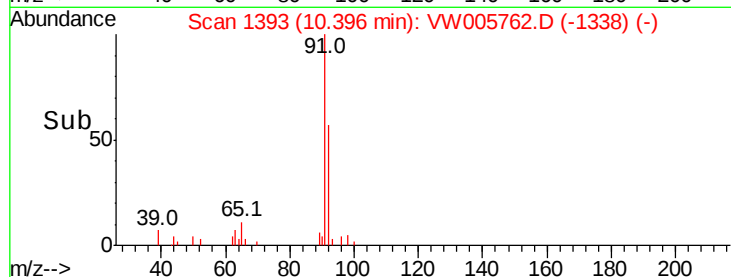
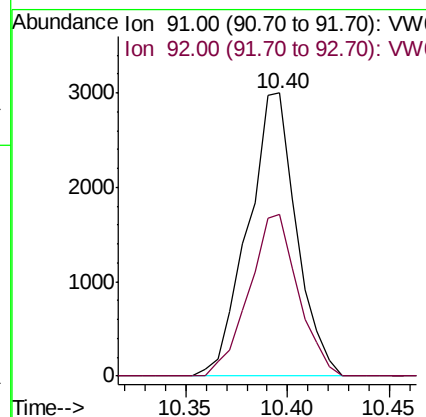
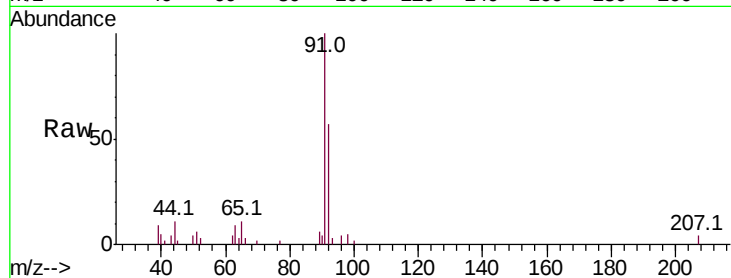
ClientSampleId :

Tot Ion: 91 Resp: 4968

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.5



#53

Ethylbenzene

Concen: 0.365 ug/L

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005762.D

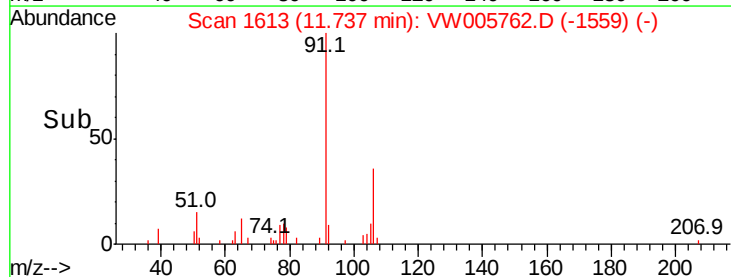
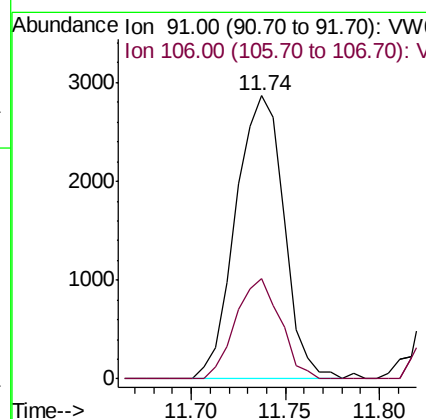
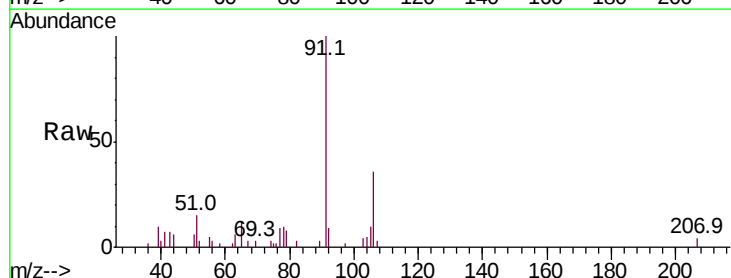
Acq: 02 Oct 2018 04:06

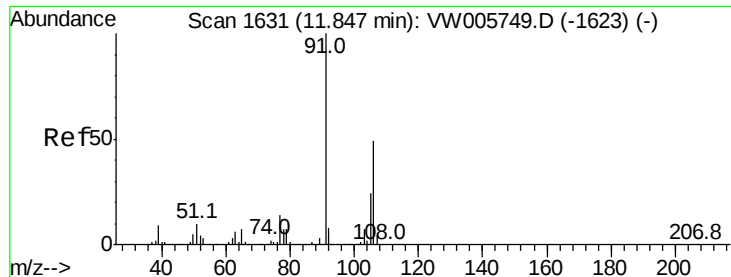
Tgt Ion: 91 Resp: 5093

Ion Ratio Lower Upper

91 100

106 35.6 21.5 39.9





#54

m,p-Xylene

Concen: 0.629 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW005762.D

Acq: 02 Oct 2018 04:06

Instrument :

MSVOA_W

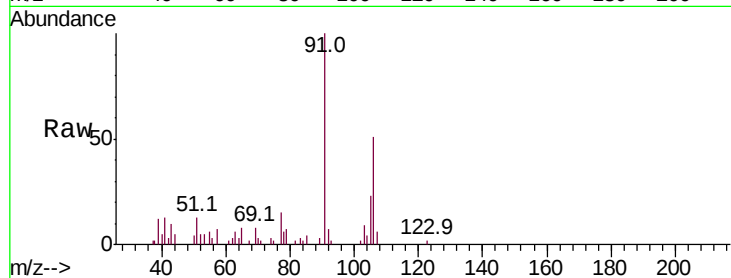
ClientSampleId :

Tot Ion:106 Resp: 3303

Ion Ratio Lower Upper

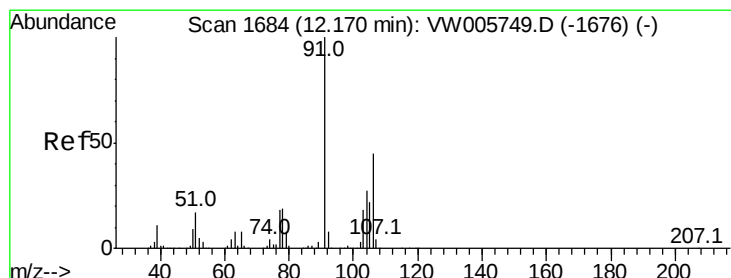
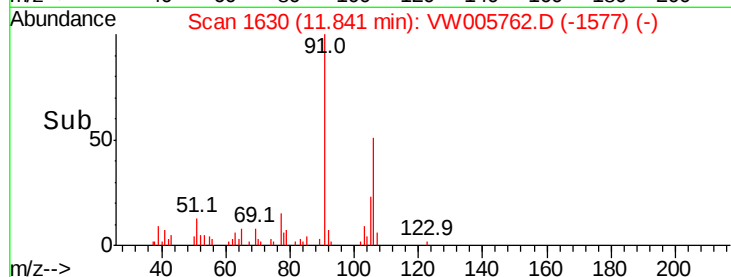
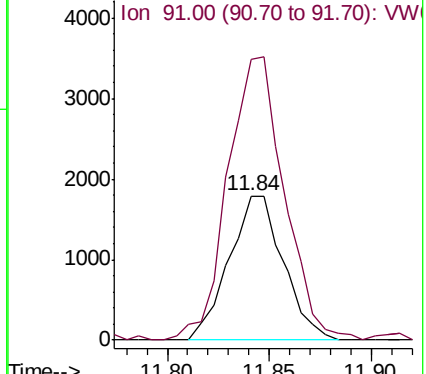
106 100

91 194.8 147.7 274.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.618 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VW005762.D

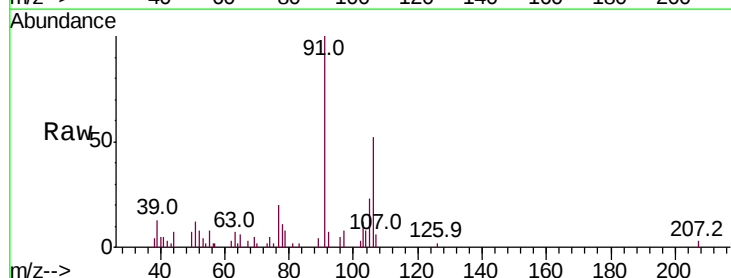
Acq: 02 Oct 2018 04:06

Tgt Ion:106 Resp: 3060

Ion Ratio Lower Upper

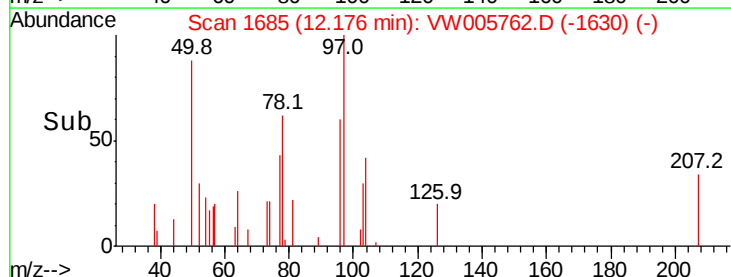
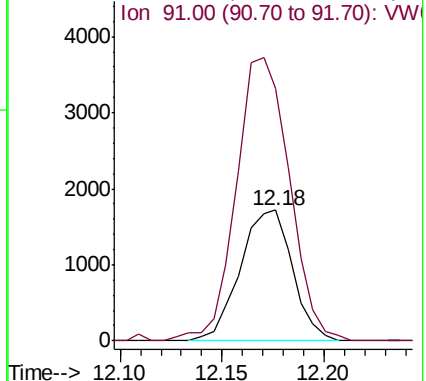
106 100

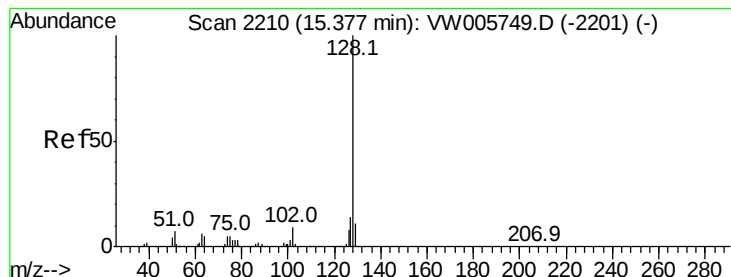
91 193.6 156.5 290.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#69

Naphthalene

Concen: 1.000 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW005762.D

Acq: 02 Oct 2018 04:06

Instrument :

MSVOA_W

ClientSampleId :

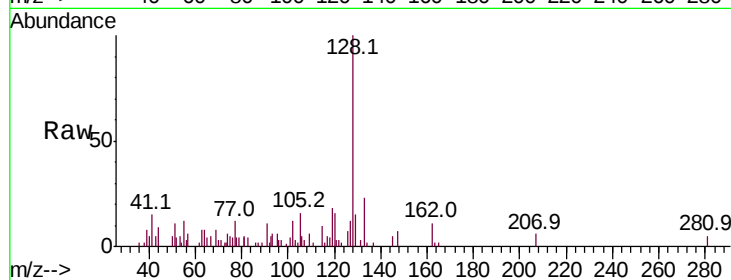
Tot Ion:128 Resp: 5767

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 17.2 11.0 16.4#



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

