

Data File : VW008552.D
Acq On : 07 Feb 2019 15:02
Operator : SY/VA
Sample : K1390-02
Misc : 6.75G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-02(15-16)

Quant Time: Feb 08 22:38:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	570293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	937700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	846846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	405243	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	318572	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	7.88	113	284581	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.32	98	1139487	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	444943	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

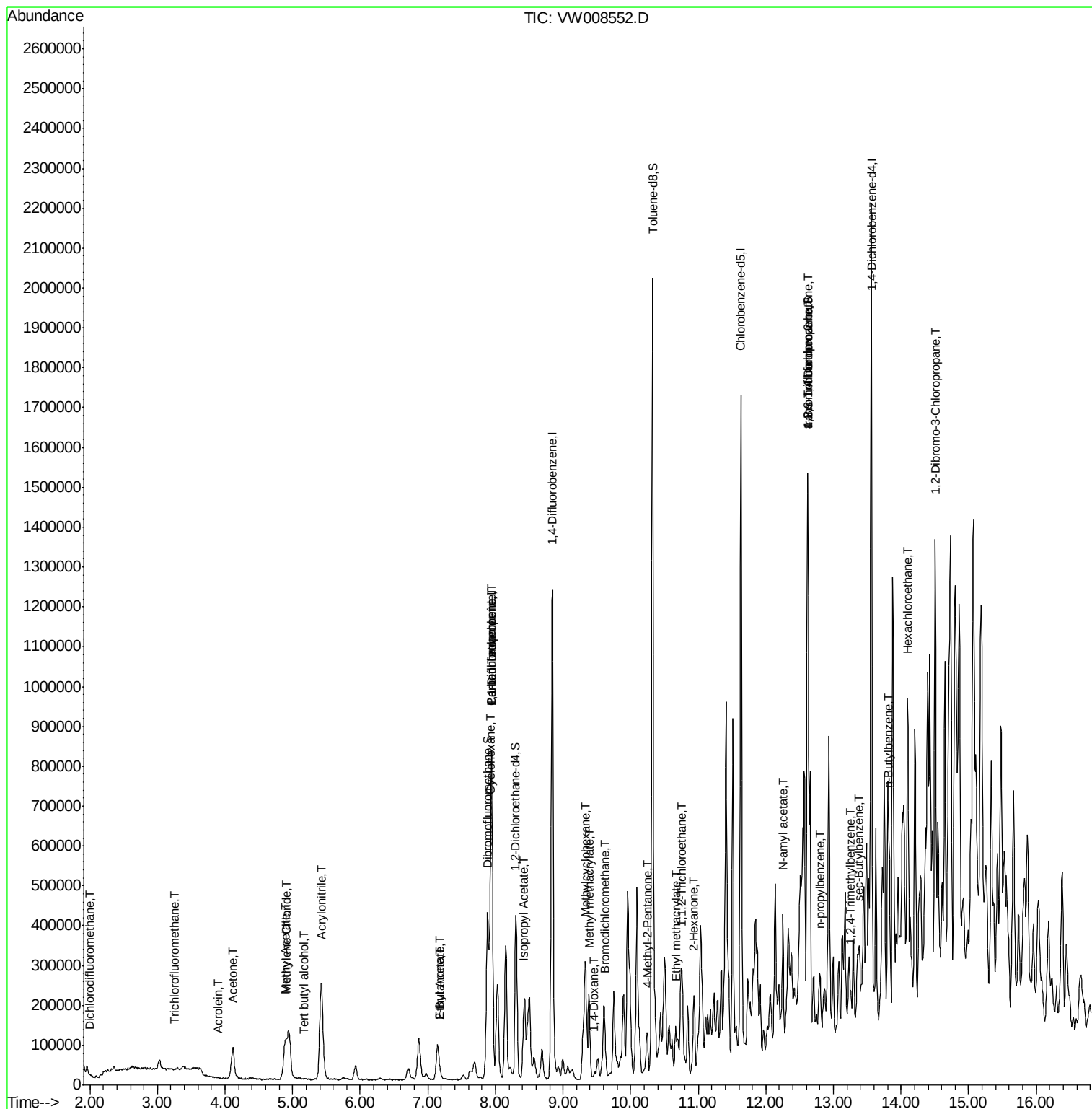
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	392	3.364	ug/l #	41
7) Trichlorofluoromethane	3.26	101	154	4.752	ug/l	91
11) Tert butyl alcohol	5.17	59	4788	10.615	ug/l #	70
13) Acrolein	3.90	56	168	4.600	ug/l #	1
15) Acrylonitrile	5.43	53	10103	8.227	ug/l #	22
16) Acetone	4.12	43	124688	99.105	ug/l	99
18) Methyl Acetate	4.89	43	67051	19.981	ug/l #	54
20) Methylene Chloride	4.90	84	28550	4.923	ug/l #	91
25) 2-Butanone	7.18	43	21549	12.331	ug/l	90
31) Cyclohexane	7.92	56	56731	5.160	ug/l #	55
36) 1,1-Dichloropropene	7.94	75	44222	4.993	ug/l #	50
37) Ethyl Acetate	7.18	43	21549	5.499	ug/l #	72
38) Carbon Tetrachloride	7.94	117	56102	6.294	ug/l #	17
39) Methylcyclohexane	9.34	83	73556	6.321	ug/l #	86
43) Isopropyl Acetate	8.41	43	47339	5.814	ug/l #	55
47) Bromodichloromethane	9.62	83	31555	3.785	ug/l #	26
48) Methyl methacrylate	9.38	41	45037	11.313	ug/l #	42
49) 1,4-Dioxane	9.45	88	98	1.839	ug/l #	3
51) 4-Methyl-2-Pentanone	10.25	43	7361	1.830	ug/l #	79
55) 1,1,2-Trichloroethane	10.76	97	67064	15.339	ug/l #	22
56) Ethyl methacrylate	10.66	69	7774	1.269	ug/l #	1
59) 2-Hexanone	10.93	43	75868	26.719	ug/l #	32
74) N-ethyl acetate	12.26	43	75162	9.657	ug/l #	64
76) 1,2,3-Trichloropropane	12.62	75	218791	62.098	ug/l #	1
78) n-propylbenzene	12.80	91	67358	1.856	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	218791	122.649	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.26	105	41639	1.622	ug/l	95
85) sec-Butylbenzene	13.38	105	88779	2.766	ug/l #	54
89) n-Butylbenzene	13.82	91	238637	8.646	ug/l #	77
90) Hexachloroethane	14.10	117	27027	4.916	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3642	4.013	ug/l #	1

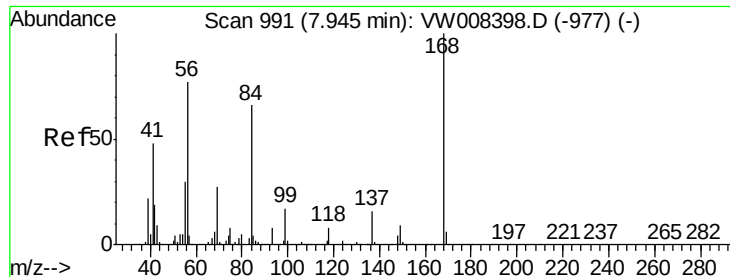
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008552.D

Acq: 07 Feb 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

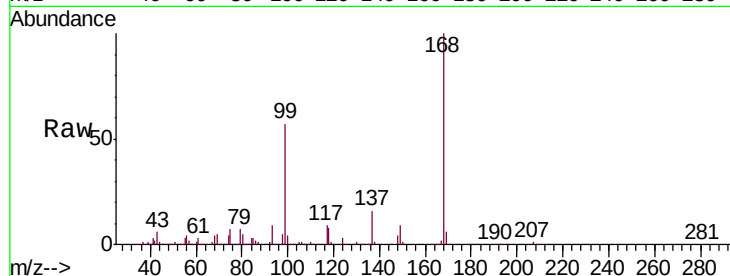
SB-02(15-16)

Tgt Ion:168 Resp: 570293

Ion Ratio Lower Upper

168 100

99 56.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

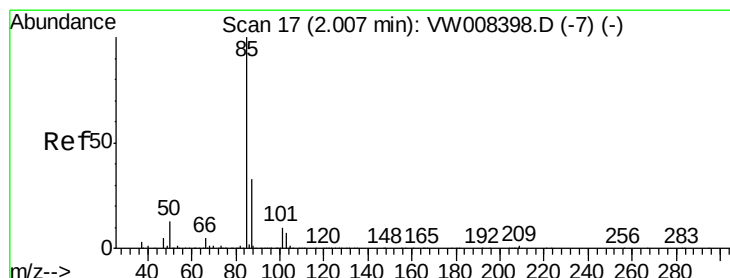
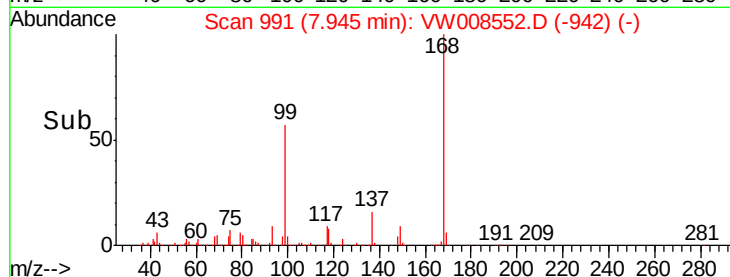
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.364 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008552.D

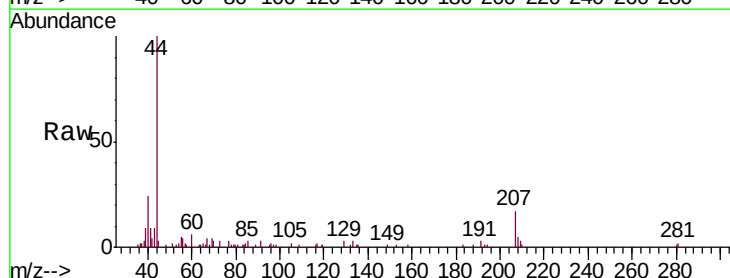
Acq: 07 Feb 2019 15:02

Tgt Ion: 85 Resp: 392

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

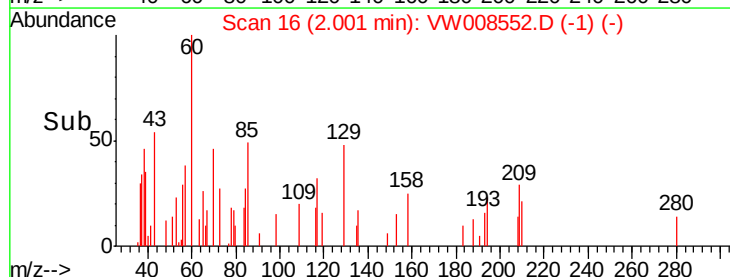
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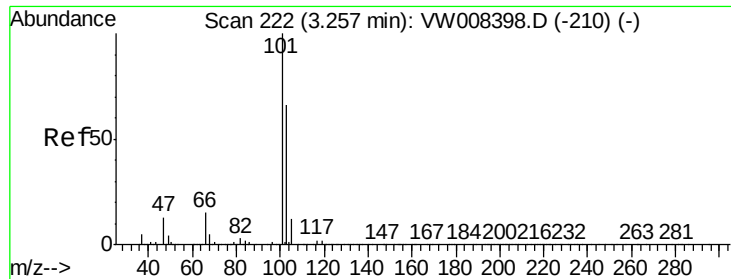
200

100

0

Time-->



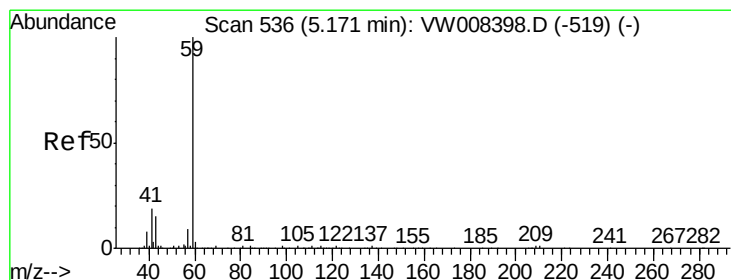
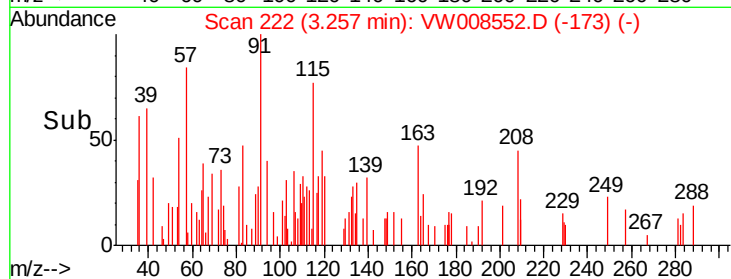
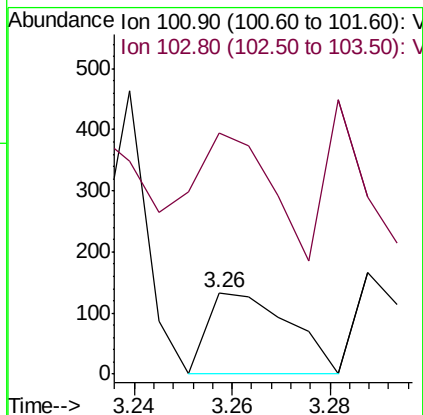
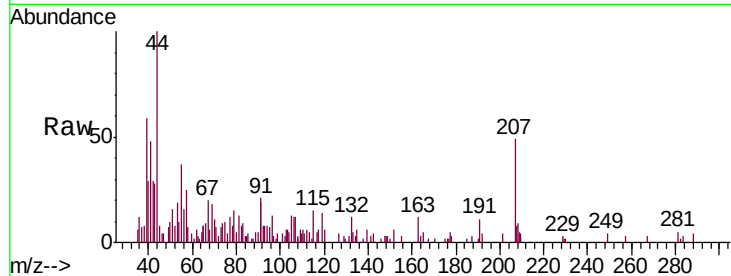


#7

Trichlorofluoromethane
Concen: 4.752 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Instrument :
MSVOA_W
ClientSampled :
SB-02(15-16)

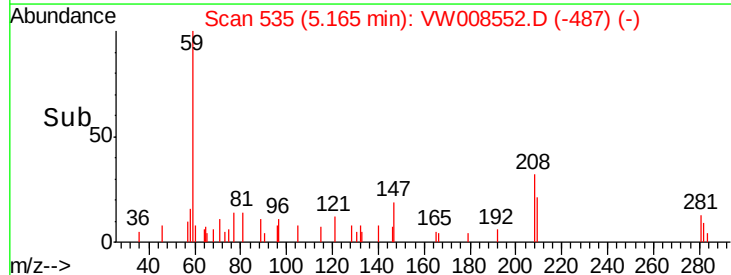
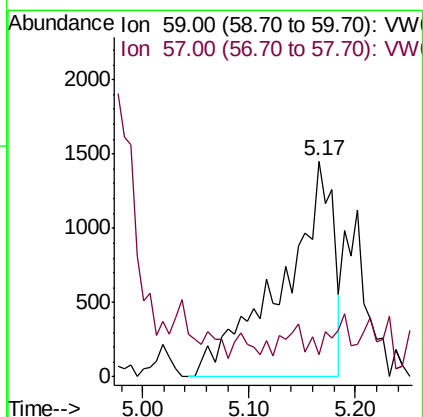
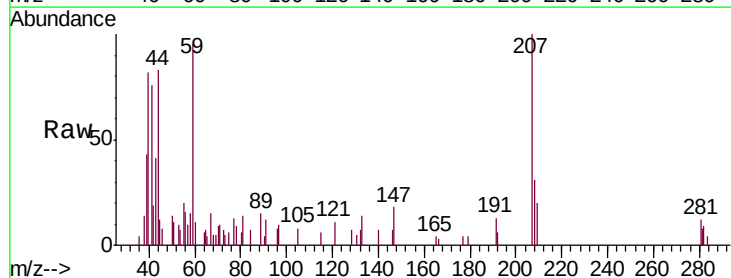
Tgt Ion:101 Resp: 154
Ion Ratio Lower Upper
101 100
103 72.9 52.5 78.7

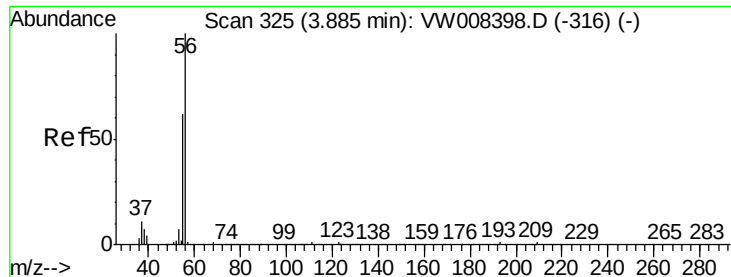


#11

Tert butyl alcohol
Concen: 10.615 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Tgt Ion: 59 Resp: 4788
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#





#13

Acrolein

Concen: 4.600 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008552.D

Acq: 07 Feb 2019 15:02

Instrument :

MSVOA_W

ClientSampled :

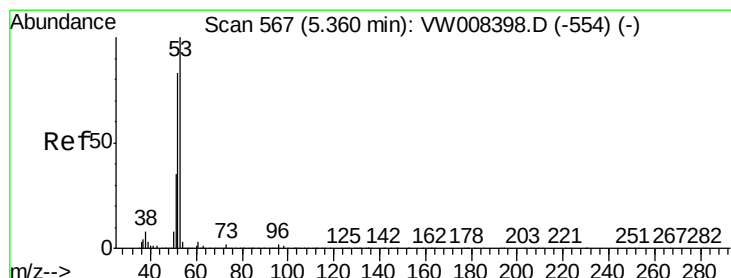
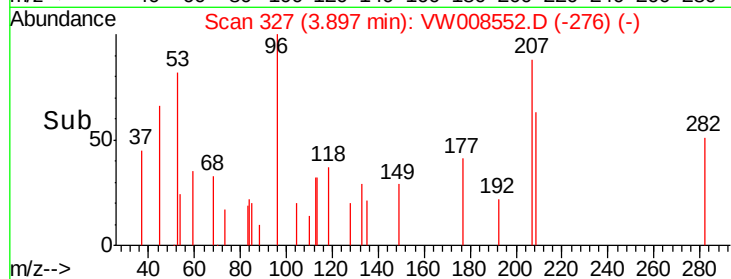
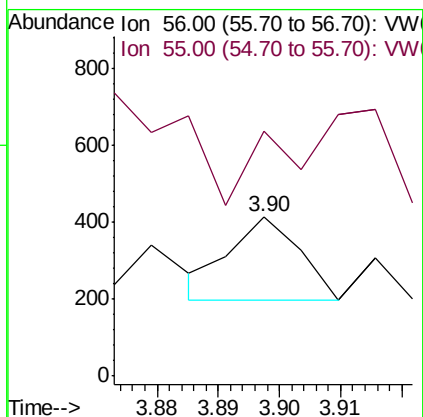
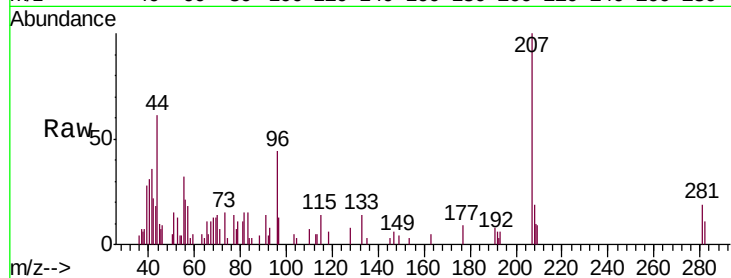
SB-02(15-16)

Tgt Ion: 56 Resp: 168

Ion Ratio Lower Upper

56 100

55 216.7 56.7 85.1#



#15

Acrylonitrile

Concen: 8.227 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.07 min

Lab File: VW008552.D

Acq: 07 Feb 2019 15:02

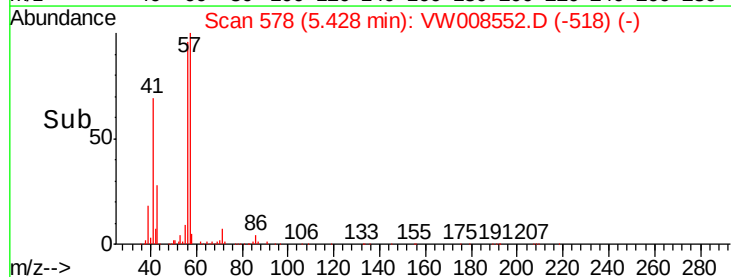
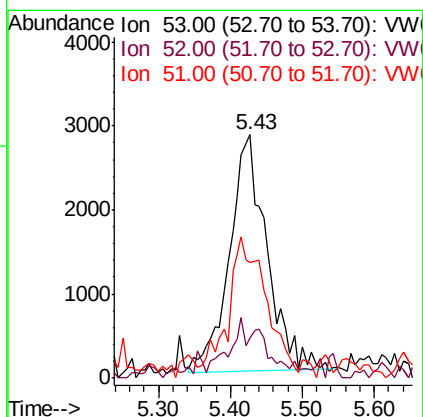
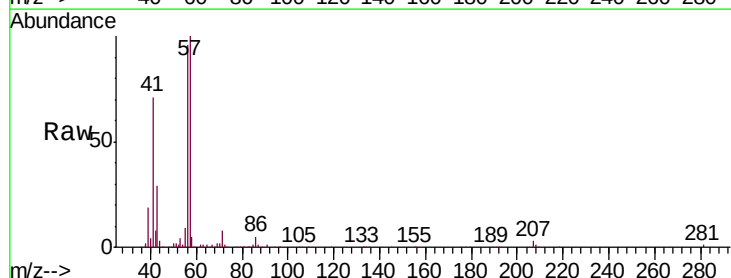
Tgt Ion: 53 Resp: 10103

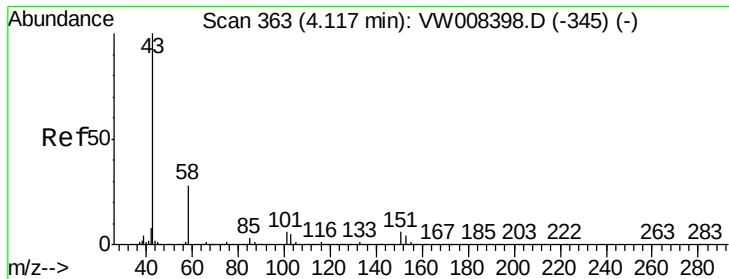
Ion Ratio Lower Upper

53 100

52 6.4 67.0 100.4#

51 0.0 29.8 44.8#

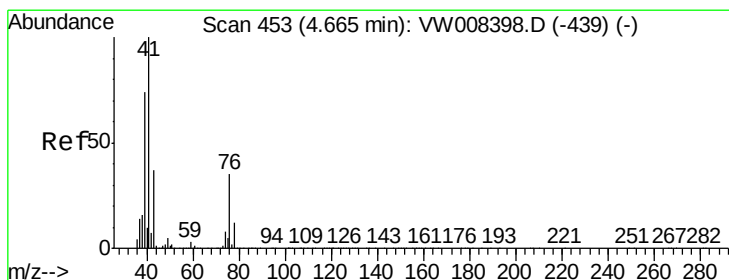
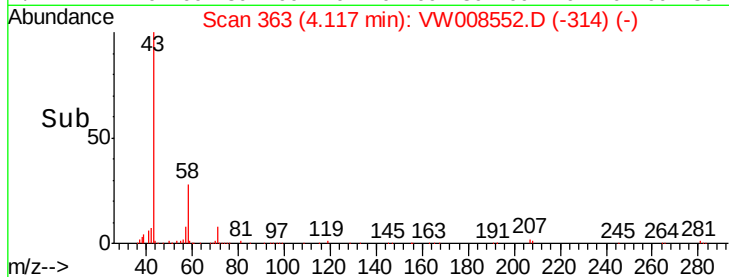
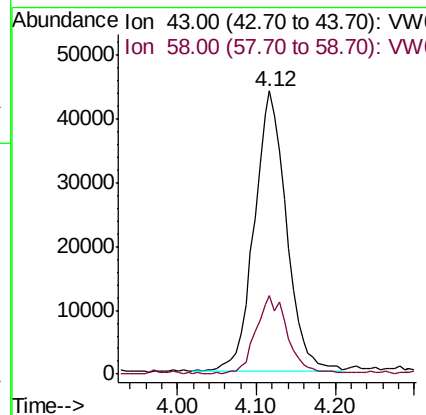
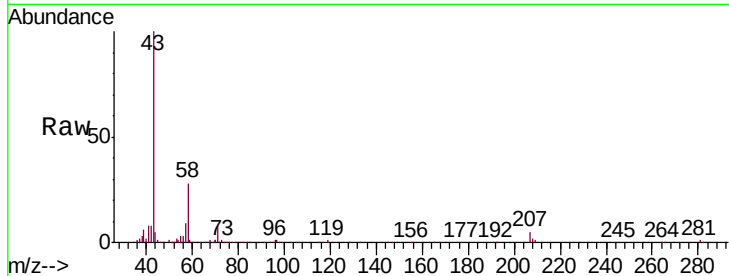




#16
Acetone
Concen: 99.105 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
SB-02(15-16)

Tgt Ion: 43 Resp: 124688
Ion Ratio Lower Upper
43 100
58 27.7 22.6 34.0



#18
Methyl Acetate
Concen: 19.981 ug/l
RT: 4.89 min Scan# 490
Delta R.T. 0.23 min
Lab File: VW008552.D
Acq: 07 Feb 2019 15:02

Tgt Ion: 43 Resp: 67051
Ion Ratio Lower Upper
43 100
74 0.1 17.5 26.3#

