

Data File : VW008529.D
Acq On : 06 Feb 2019 15:55
Operator : SY/VA
Sample : K1356-03
Misc : 7.05G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-01-020519-B

Quant Time: Feb 07 01:49:01 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	468676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	756603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	678949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	329407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	266350	57.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.70%	
35) Dibromofluoromethane	7.88	113	239024	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	10.32	98	885838	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	326936	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

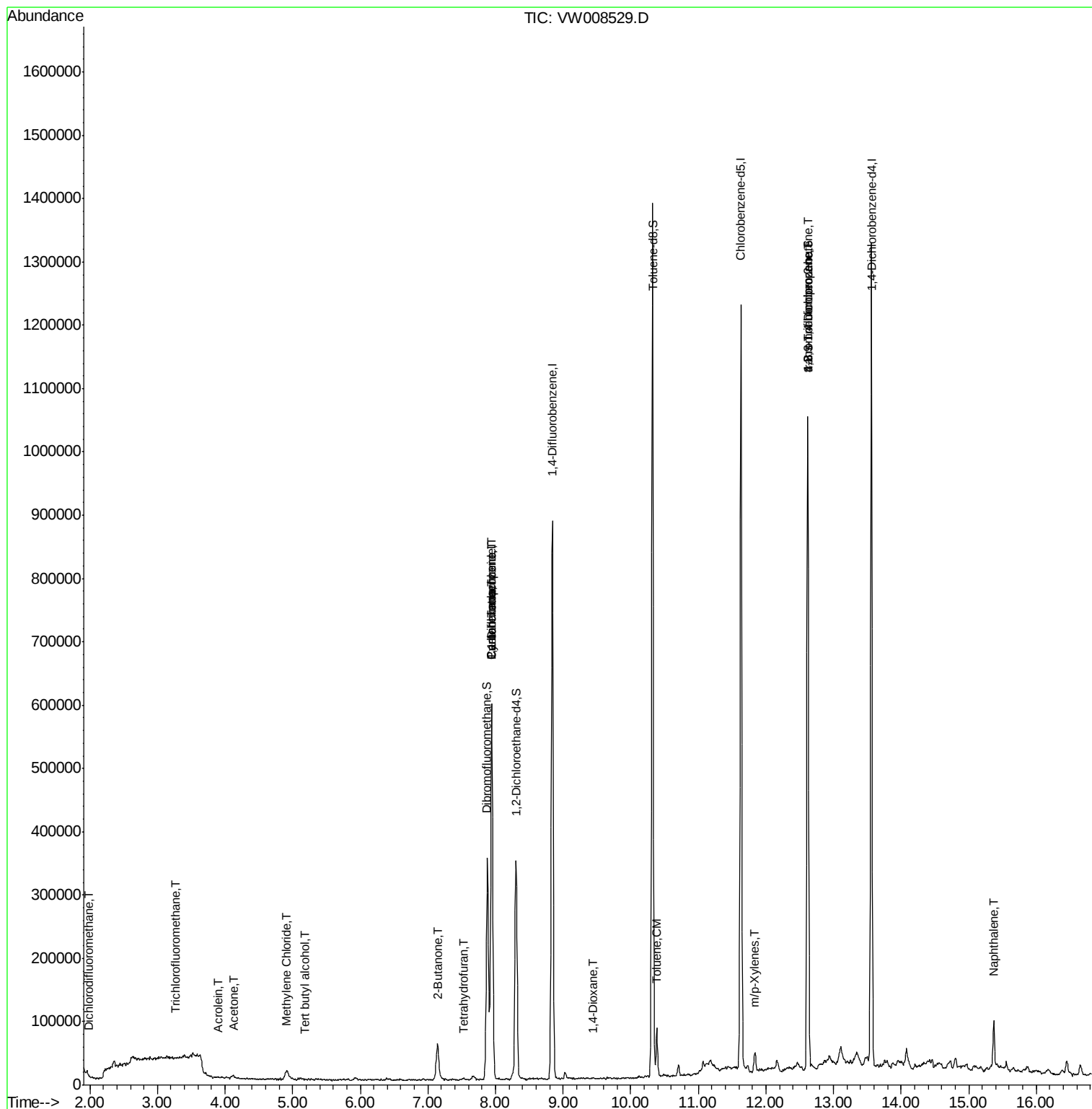
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.99	85	170	3.311	ug/l #	41
7) Trichlorofluoromethane	3.26	101	356	4.801	ug/l #	39
11) Tert butyl alcohol	5.18	59	850	2.293	ug/l #	70
13) Acrolein	3.88	56	144	4.618	ug/l #	70
16) Acetone	4.12	43	8625	8.342	ug/l #	78
20) Methylene Chloride	4.91	84	13614	2.857	ug/l	85
25) 2-Butanone	7.15	43	3861	2.688	ug/l #	69
29) Tetrahydrofuran	7.52	42	1067	1.172	ug/l #	74
31) Cyclohexane	7.94	56	10622	1.175	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	35521	4.970	ug/l #	51
38) Carbon Tetrachloride	7.94	117	43188	6.005	ug/l #	16
49) 1,4-Dioxane	9.44	88	177	4.117	ug/l #	60
52) Toluene	10.39	92	29674	2.267	ug/l	94
68) m/p-Xylenes	11.84	106	9972	1.009	ug/l	89
76) 1,2,3-Trichloropropane	12.62	75	164581	57.466	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	164581	113.500	ug/l #	12
95) Naphthalene	15.37	128	64342	5.358	ug/l #	94

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

Data File : VW008529.D
Acq On : 06 Feb 2019 15:55
Operator : SY/VA
Sample : K1356-03
Misc : 7.05G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SU-01-020519-B

Quant Time: Feb 07 01:49:01 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008529.D

Acq: 06 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

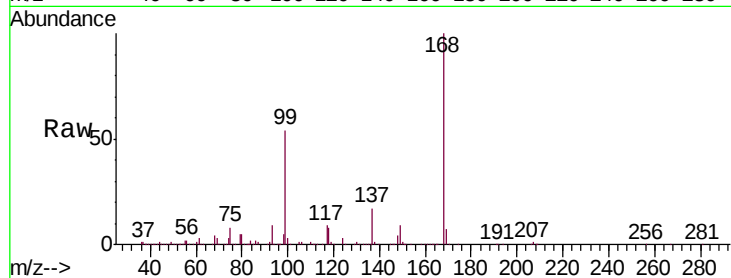
SU-01-020519-B

Tgt Ion: 168 Resp: 468676

Ion Ratio Lower Upper

168 100

99 54.4 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

200000

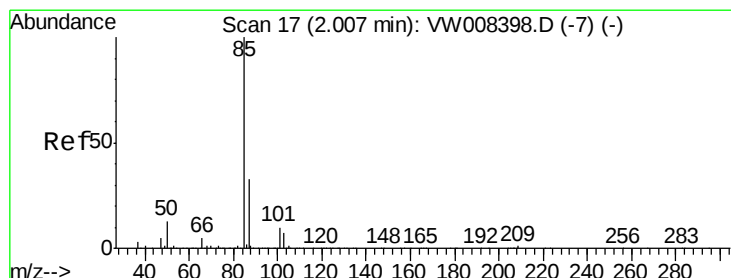
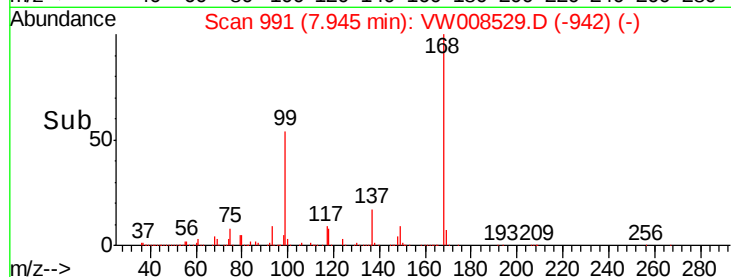
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.311 ug/l

RT: 1.99 min Scan# 14

Delta R.T. -0.02 min

Lab File: VW008529.D

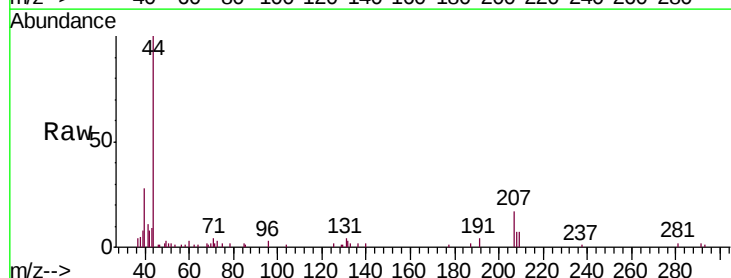
Acq: 06 Feb 2019 15:55

Tgt Ion: 85 Resp: 170

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

1.99

200

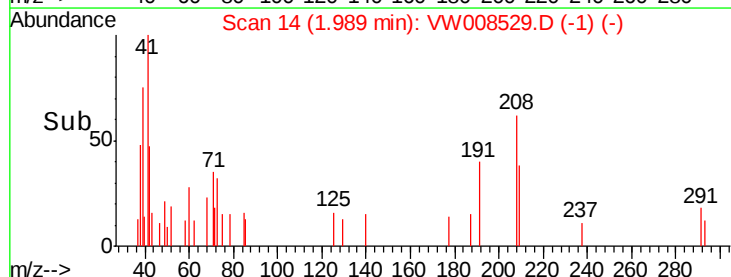
150

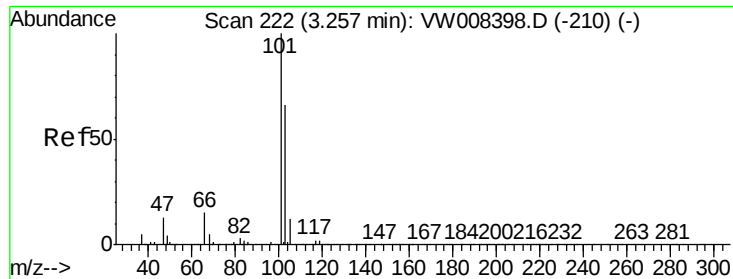
100

50

0

Time--> 1.98 2.00



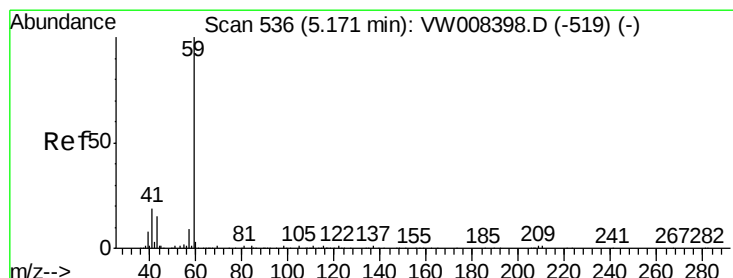
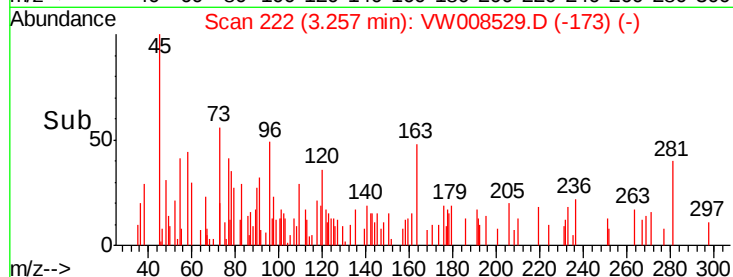
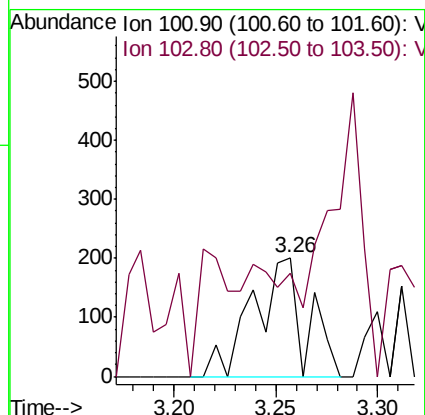
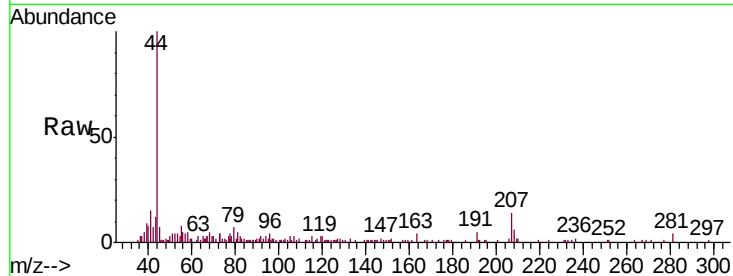


#7

Trichlorofluoromethane
Concen: 4.801 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
SU-01-020519-B

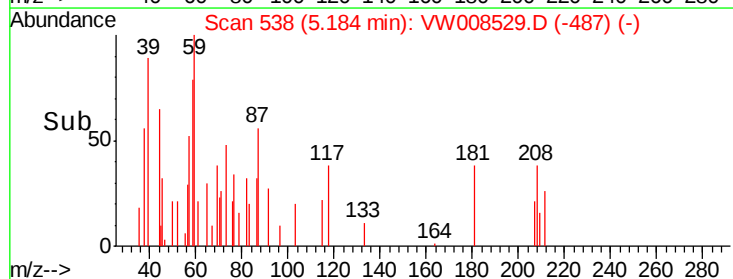
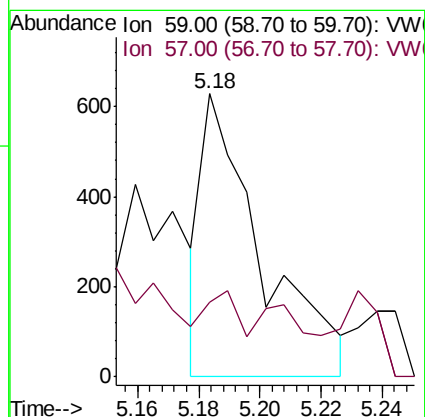
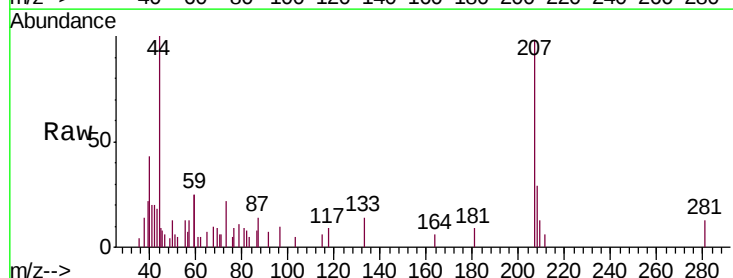
Tgt Ion: 101 Resp: 356
Ion Ratio Lower Upper
101 100
103 16.9 52.5 78.7#

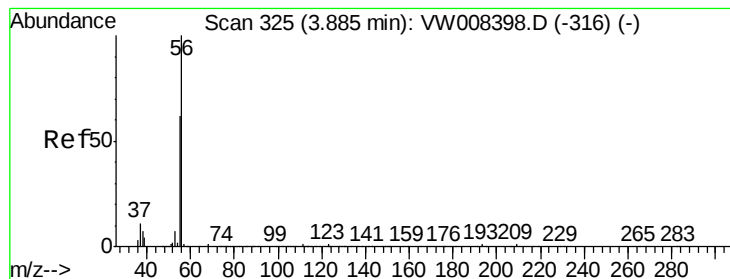


#11

Tert butyl alcohol
Concen: 2.293 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

Tgt Ion: 59 Resp: 850
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#





#13

Acrolein

Concen: 4.618 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW008529.D

Acq: 06 Feb 2019 15:55

Instrument :

MSVOA_W

ClientSampleId :

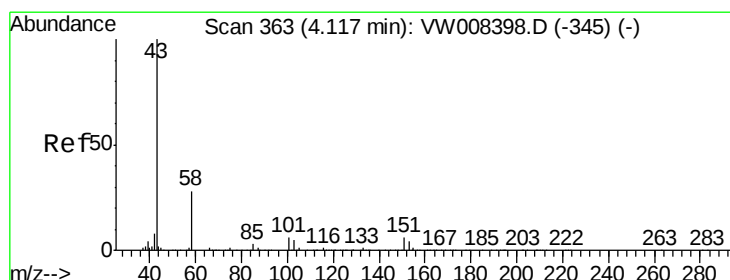
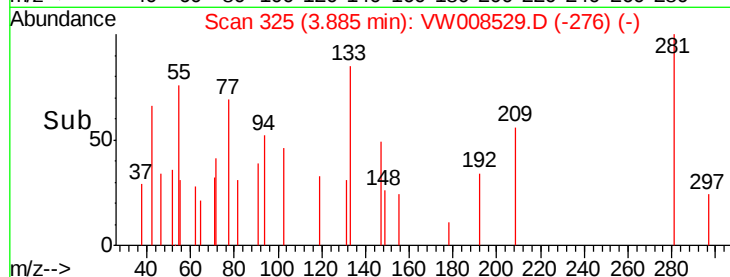
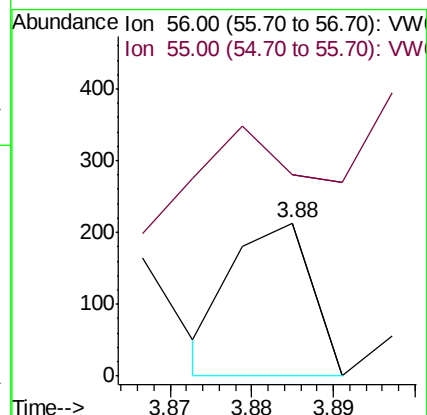
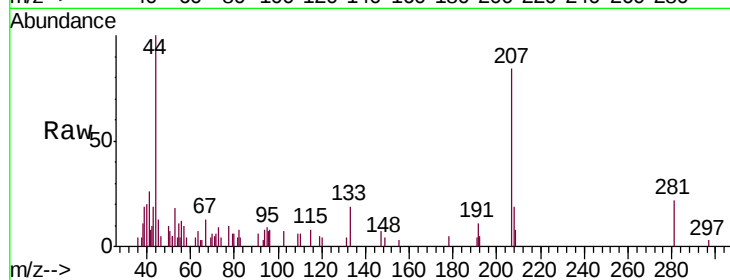
SU-01-020519-B

Tgt Ion: 56 Resp: 144

Ion Ratio Lower Upper

56 100

55 95.8 56.7 85.1#



#16

Acetone

Concen: 8.342 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008529.D

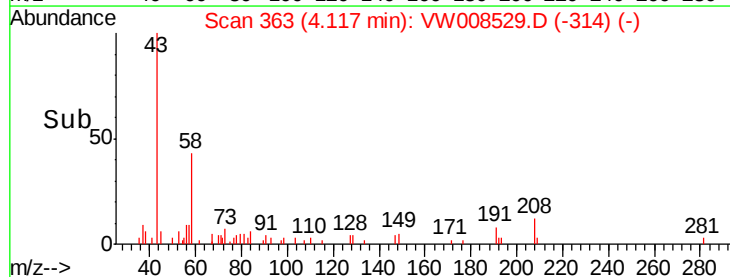
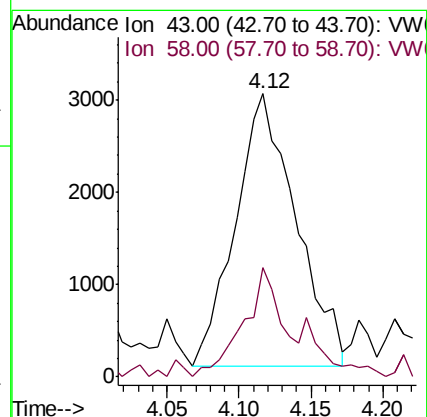
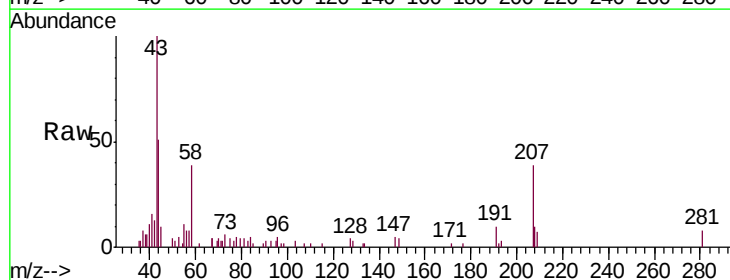
Acq: 06 Feb 2019 15:55

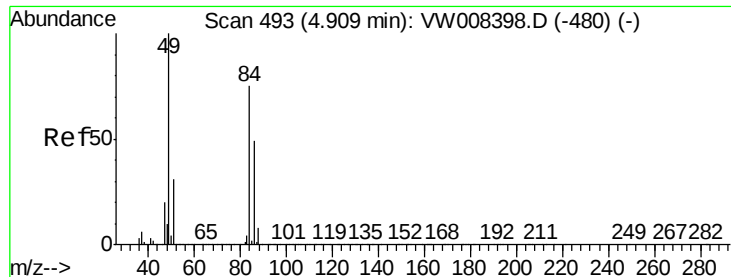
Tgt Ion: 43 Resp: 8625

Ion Ratio Lower Upper

43 100

58 40.1 22.6 34.0#

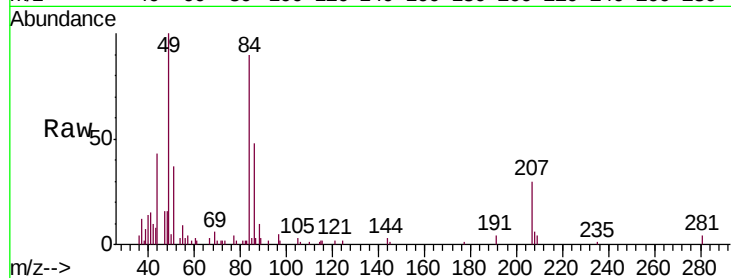




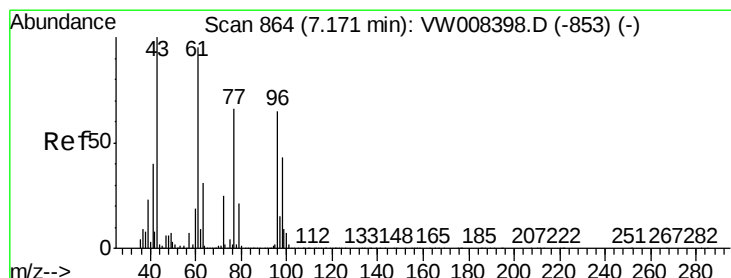
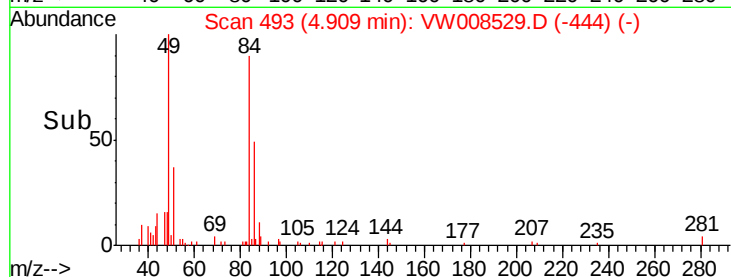
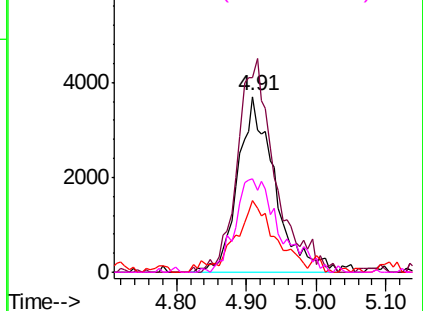
#20
Methylene Chloride
Concen: 2.857 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
SU-01-020519-B

Tgt Ion:	84	Resp:	13614
Ion	Ratio	Lower	Upper
84	100		
49	110.9	106.8	160.2
51	40.7	32.9	49.3
86	53.0	52.2	78.2

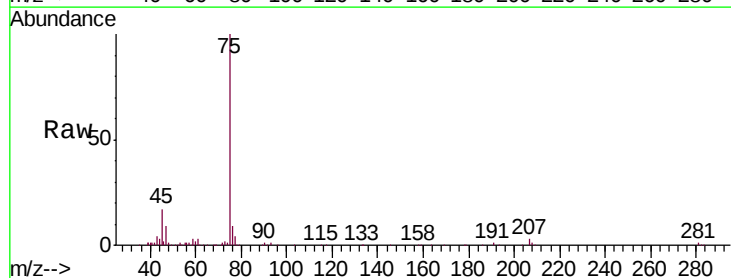


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

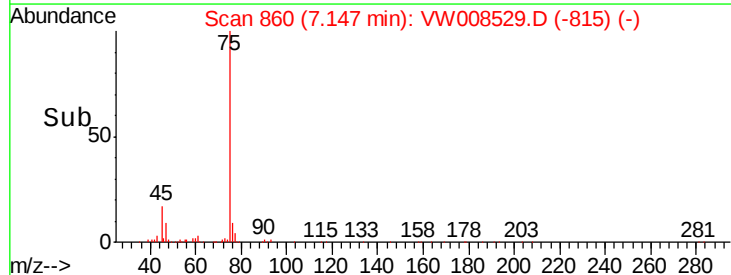
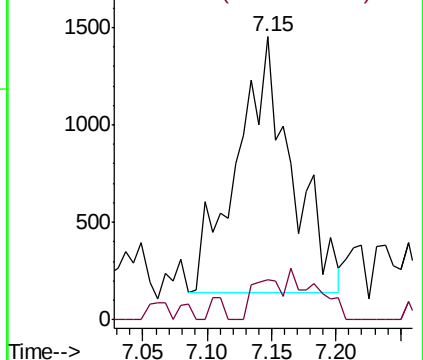


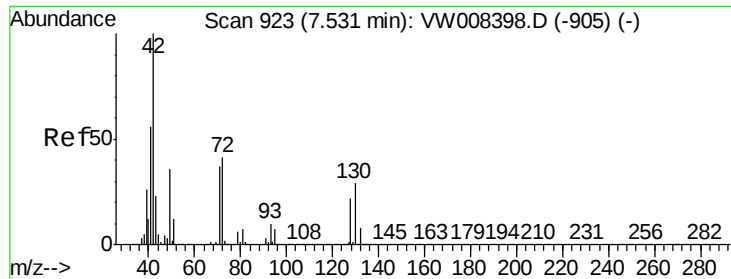
#25
2-Butanone
Concen: 2.688 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

Tgt Ion:	43	Resp:	3861
Ion	Ratio	Lower	Upper
43	100		
72	9.3	20.1	30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

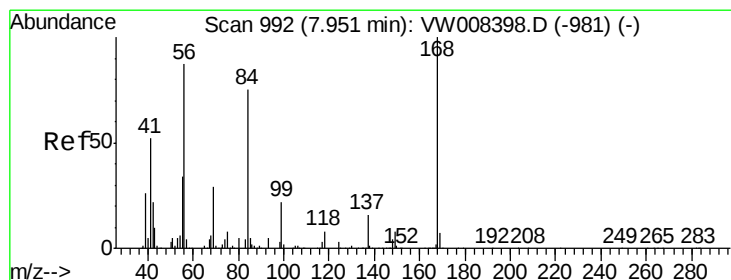
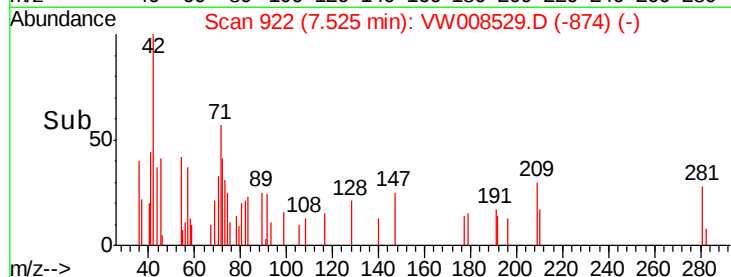
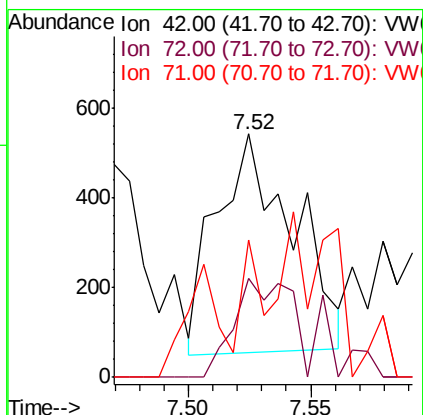
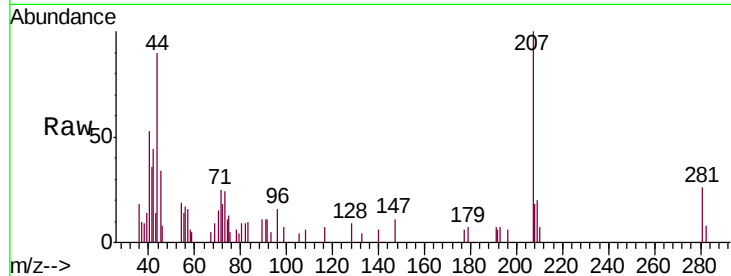




#29
Tetrahydrofuran
Concen: 1.172 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

Instrument :
MSVOA_W
ClientSampleId :
SU-01-020519-B

Tgt Ion	Ratio	Lower	Upper
42	100		
72	33.2	31.9	47.9
71	63.1	29.9	44.9#



#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008529.D
Acq: 06 Feb 2019 15:55

Tgt Ion	Ratio	Lower	Upper
56	100		
69	172.3	26.4	39.6#
84	123.7	69.1	103.7#

