

Data File : VW008470.D
Acq On : 30 Jan 2019 17:12
Operator : SY/VA
Sample : K1272-01RE
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TS-01-012819RE

Quant Time: Jan 31 00:29:14 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	375143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	591639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	524822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	249559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	193733	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.88	113	183988	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	10.32	98	694619	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.62	95	253634	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

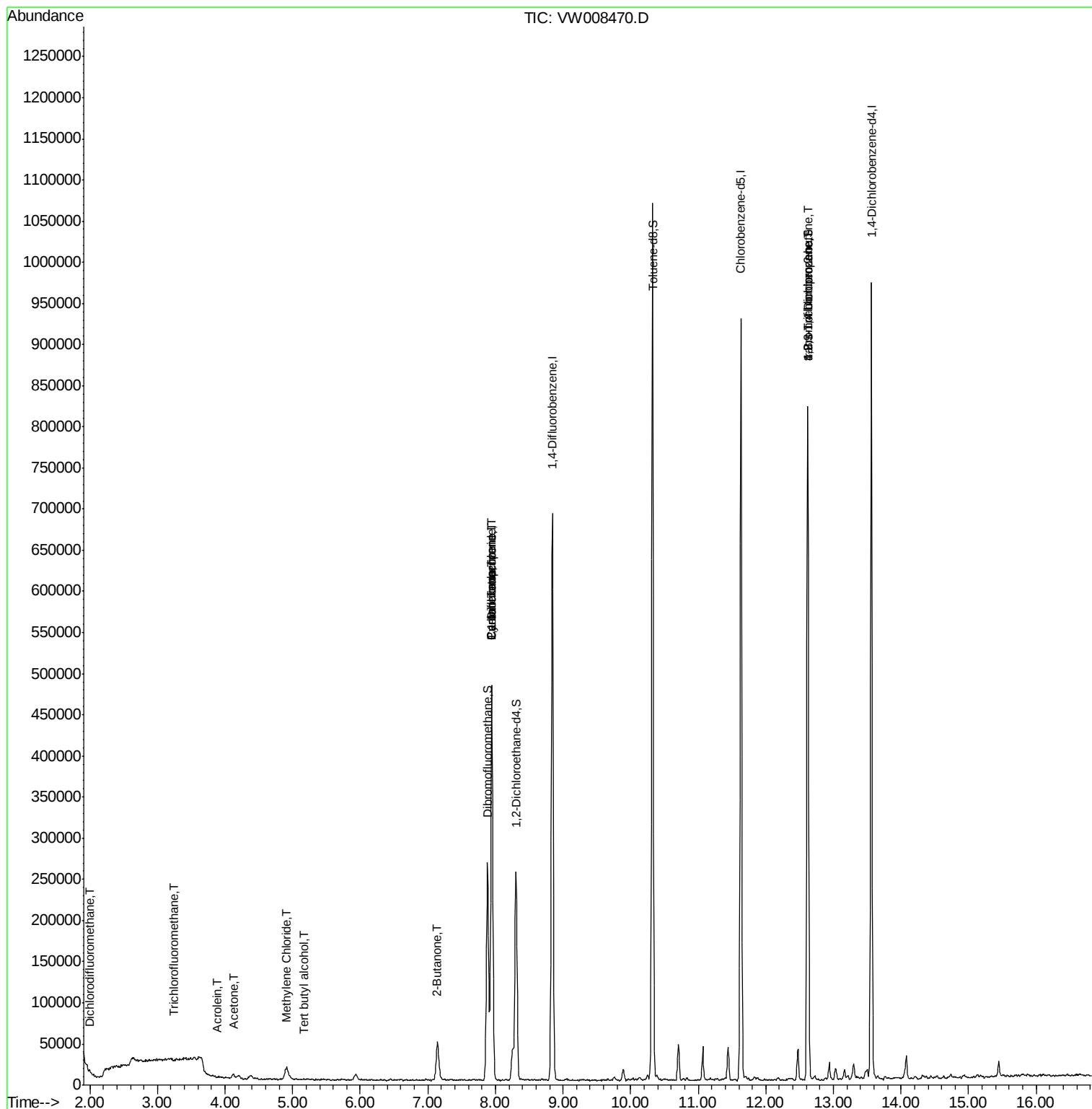
						Qvalue
2) Dichlorodifluoromethane	2.01	85	638	3.528	ug/l	91
7) Trichlorofluoromethane	3.23	101	55	4.739	ug/l #	70
11) Tert butyl alcohol	5.17	59	2340	7.886	ug/l	95
13) Acrolein	3.88	56	82	4.493	ug/l #	9
16) Acetone	4.12	43	9742	11.771	ug/l	93
20) Methylene Chloride	4.92	84	12289	3.222	ug/l	89
25) 2-Butanone	7.15	43	2051	1.784	ug/l	93
31) Cyclohexane	7.94	56	8607	1.190	ug/l #	32
36) 1,1-Dichloropropene	7.95	75	27055	4.841	ug/l #	51
38) Carbon Tetrachloride	7.95	117	35287	6.275	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	125688	57.928	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	125688	114.412	ug/l #	12

(#) = 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: VW008470.D

Acq: 30 Jan 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

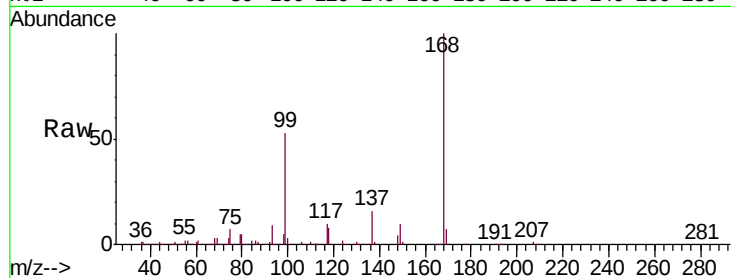
TS-01-012819RE

Tgt Ion:168 Resp: 375143

Ion Ratio Lower Upper

168 100

99 52.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

100000

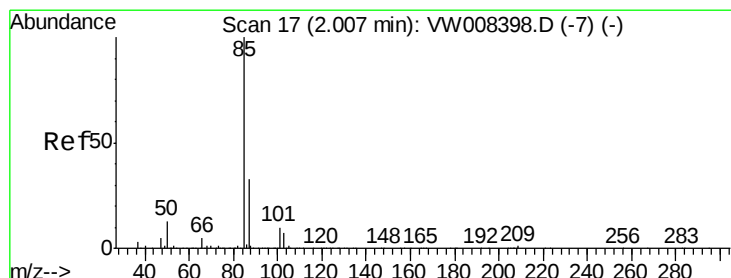
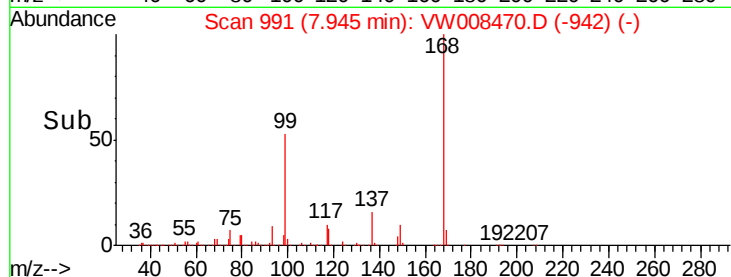
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 3.528 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008470.D

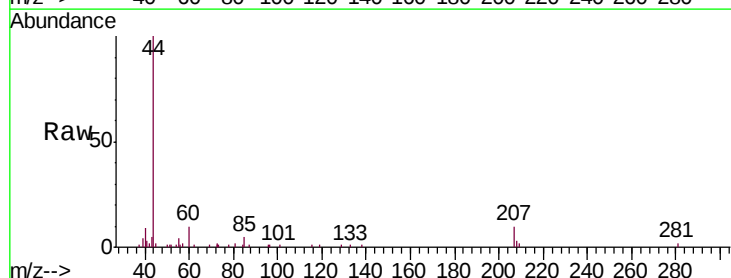
Acq: 30 Jan 2019 17:12

Tgt Ion: 85 Resp: 638

Ion Ratio Lower Upper

85 100

87 28.3 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

400

300

200

100

0

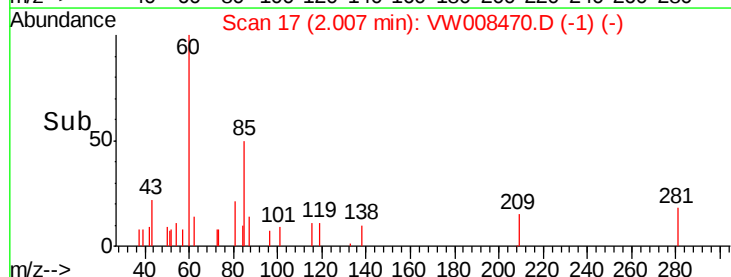
1.98

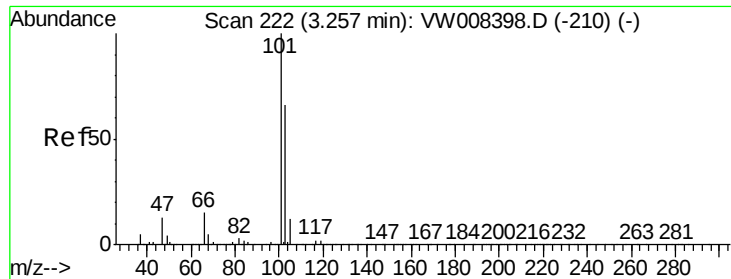
2.00

2.02

2.04

Time-->



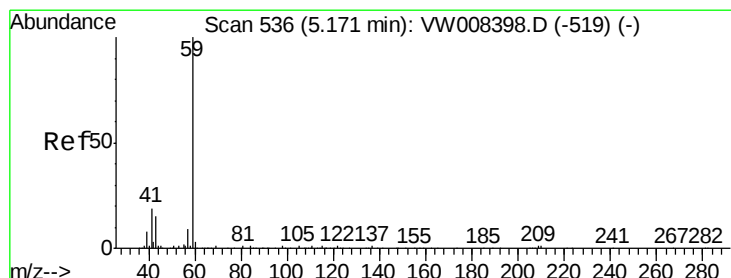
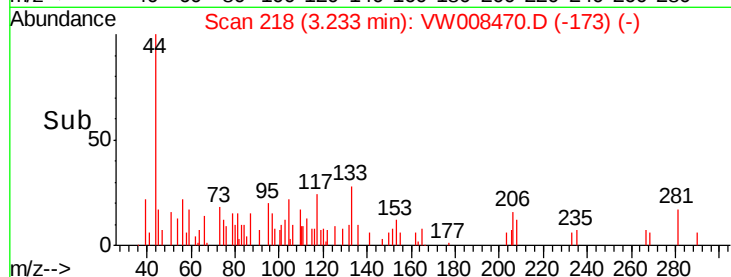
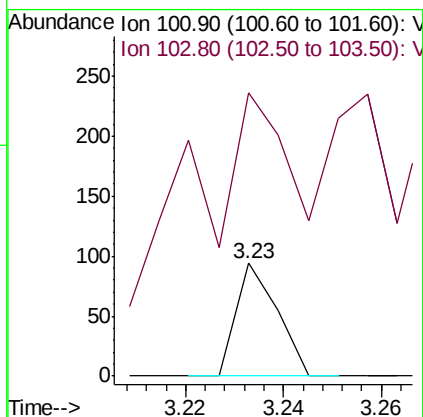
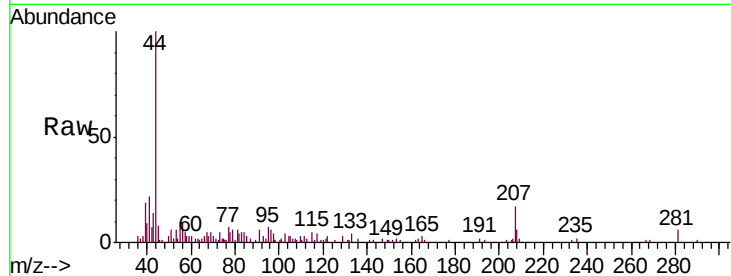


#7

Trichlorofluoromethane
Concen: 4.739 ug/l
RT: 3.23 min Scan# 218
Delta R.T. -0.02 min
Lab File: VW008470.D
Acq: 30 Jan 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :
TS-01-012819RE

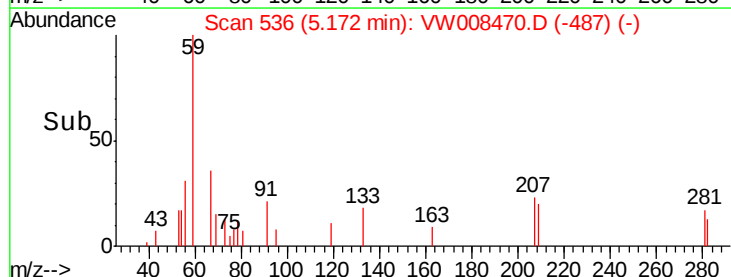
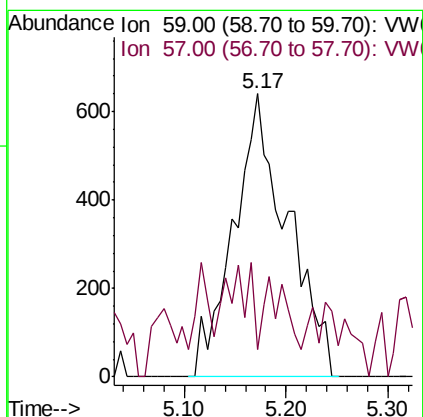
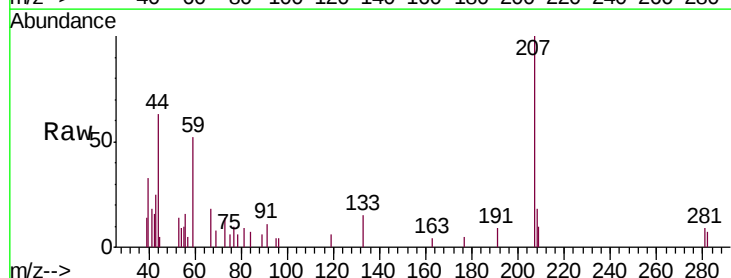
Tgt Ion: 101 Resp: 55
Ion Ratio Lower Upper
101 100
103 41.5 52.5 78.7#

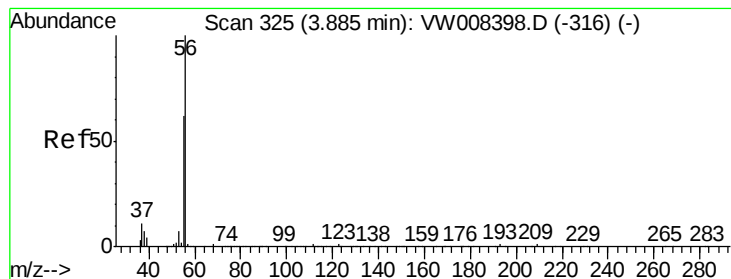


#11

Tert butyl alcohol
Concen: 7.886 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008470.D
Acq: 30 Jan 2019 17:12

Tgt Ion: 59 Resp: 2340
Ion Ratio Lower Upper
59 100
57 9.5 9.3 13.9





#13

Acrolein

Concen: 4.493 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008470.D

Acq: 30 Jan 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

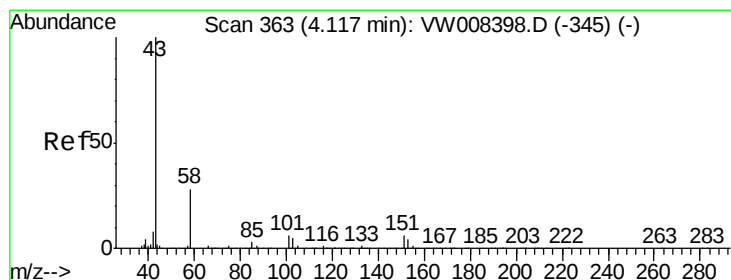
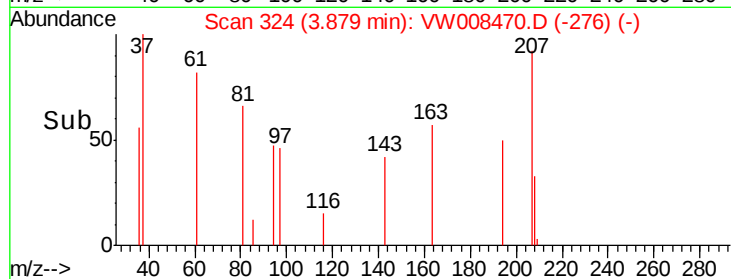
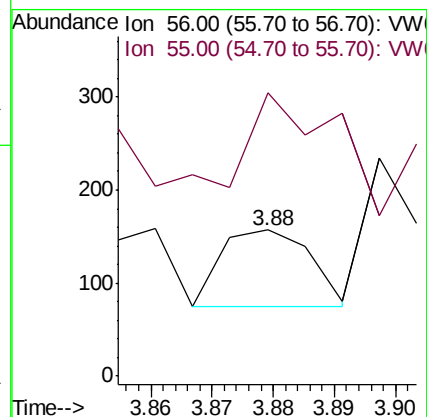
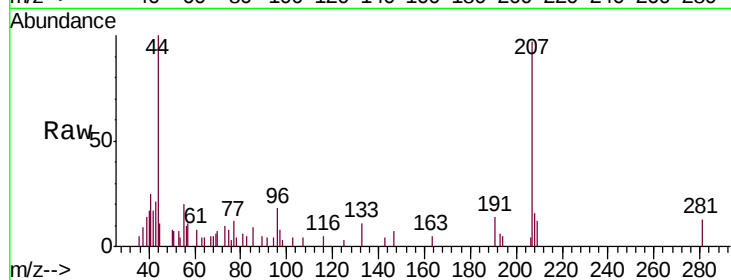
TS-01-012819RE

Tgt Ion: 56 Resp: 82

Ion Ratio Lower Upper

56 100

55 146.3 56.7 85.1#



#16

Acetone

Concen: 11.771 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008470.D

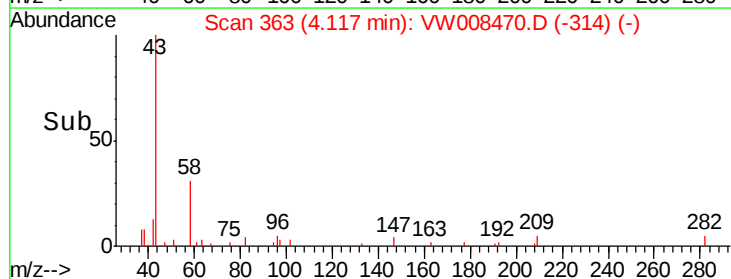
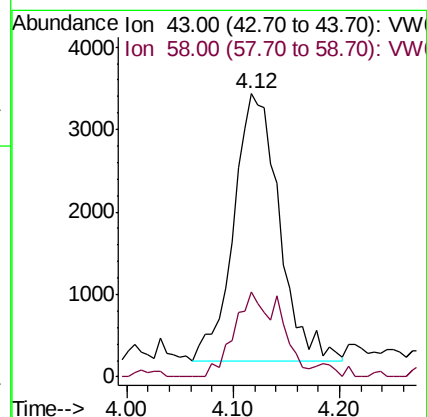
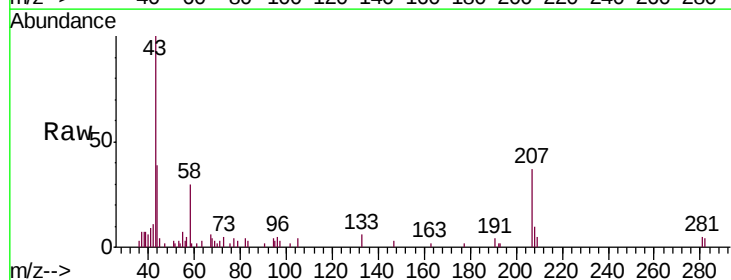
Acq: 30 Jan 2019 17:12

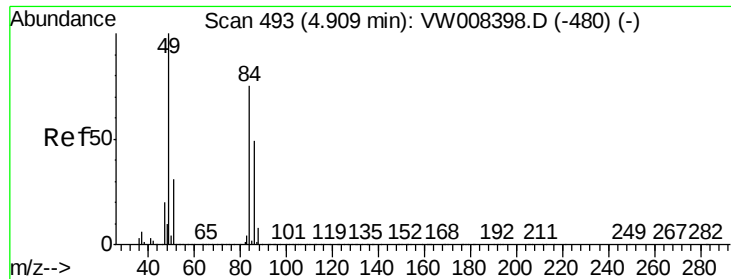
Tgt Ion: 43 Resp: 9742

Ion Ratio Lower Upper

43 100

58 31.9 22.6 34.0

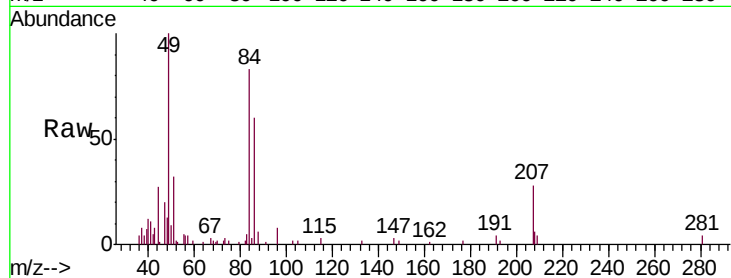




#20
Methylene Chloride
Concen: 3.222 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008470.D
Acq: 30 Jan 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :
TS-01-012819RE

Tgt Ion:	84	Resp:	12289
Ion	Ratio	Lower	Upper
84	100		
49	120.1	106.8	160.2
51	34.0	32.9	49.3
86	72.3	52.2	78.2



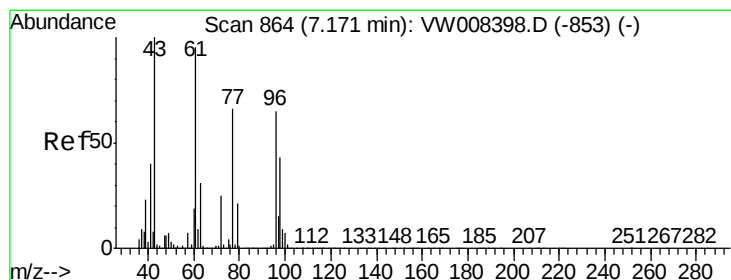
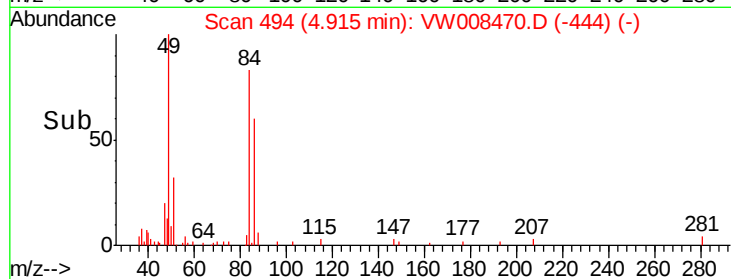
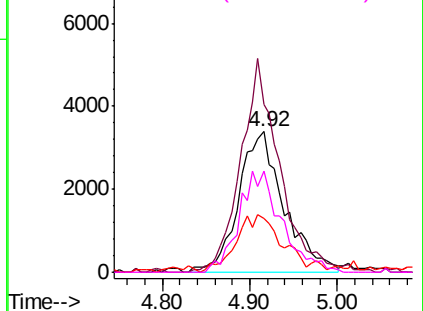
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

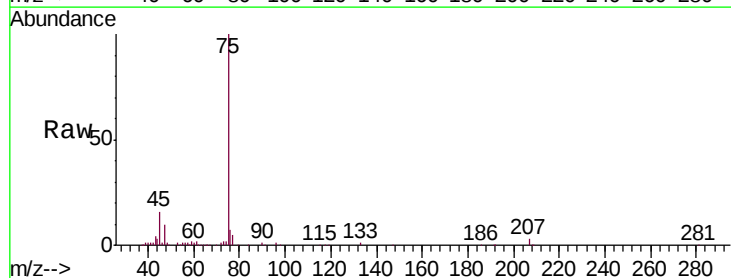
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 1.784 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008470.D
Acq: 30 Jan 2019 17:12

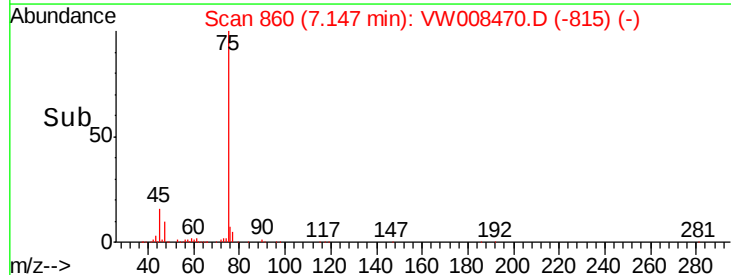
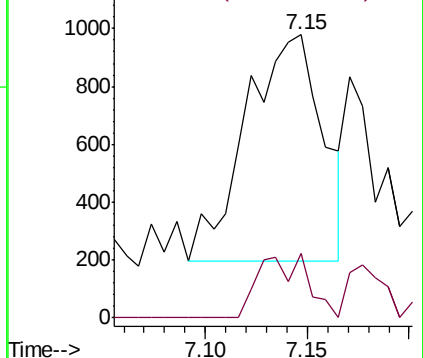
Tgt Ion:	43	Resp:	2051
Ion	Ratio	Lower	Upper
43	100		
72	28.8	20.1	30.1

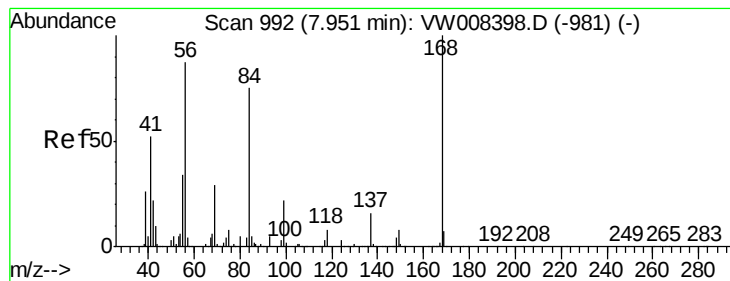


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.190 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008470.D

Acq: 30 Jan 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

TS-01-012819RE

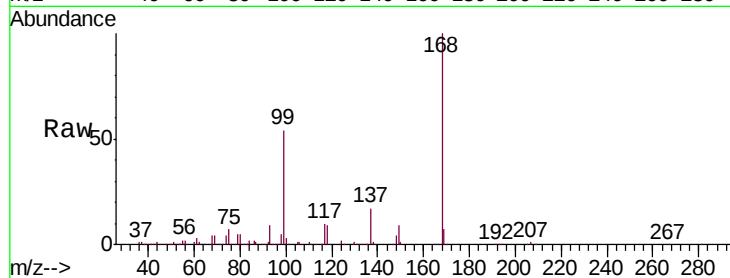
Tgt Ion: 56 Resp: 8607

Ion Ratio Lower Upper

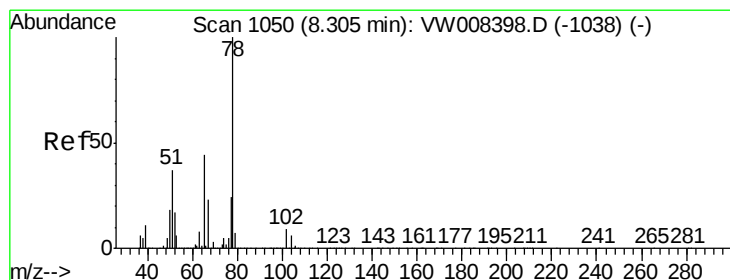
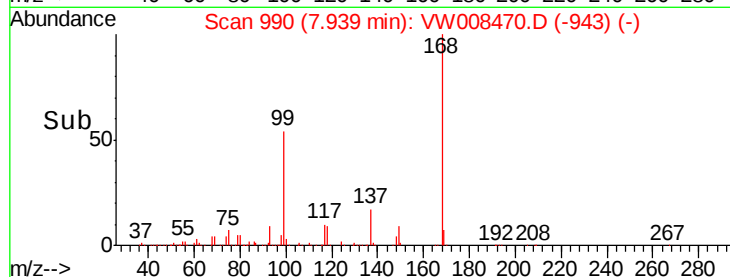
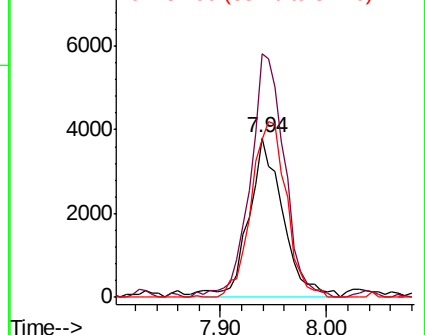
56 100

69 152.9 26.4 39.6#

84 98.9 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 52.567 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008470.D

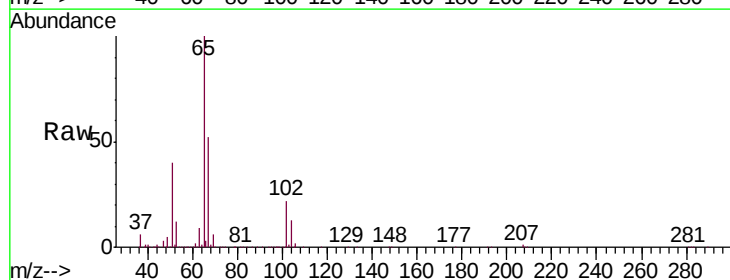
Acq: 30 Jan 2019 17:12

Tgt Ion: 65 Resp: 193733

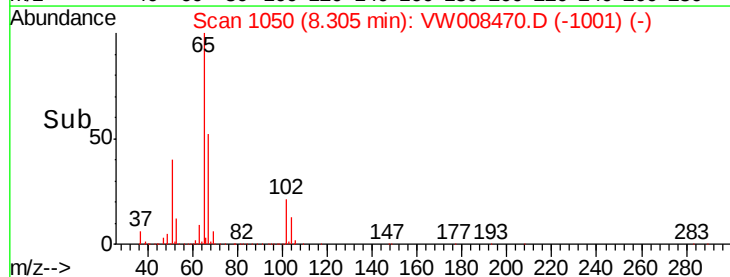
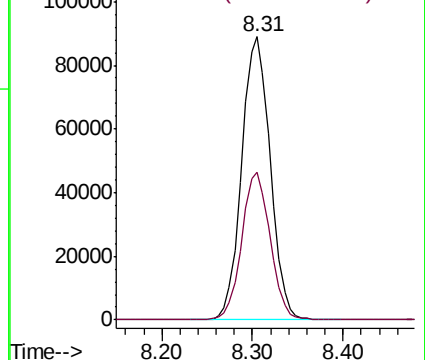
Ion Ratio Lower Upper

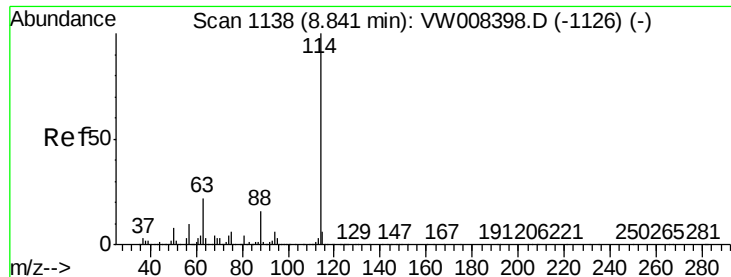
65 100

67 52.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

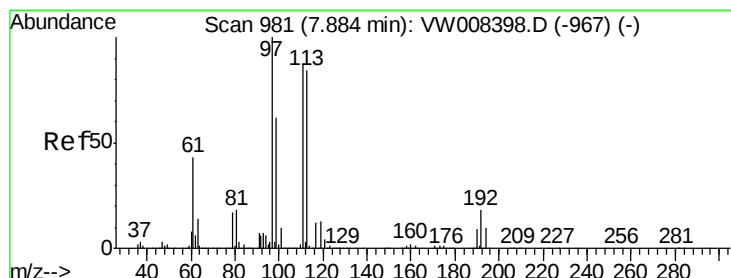
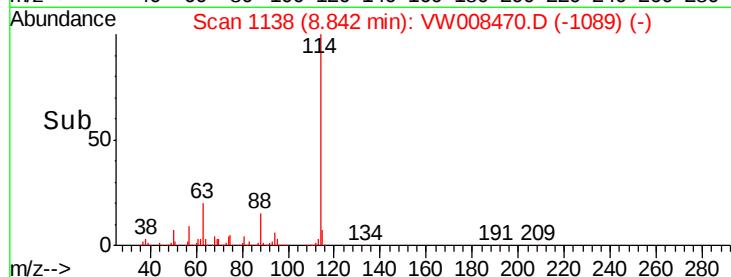
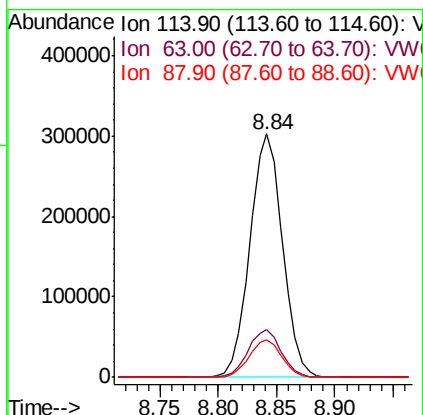
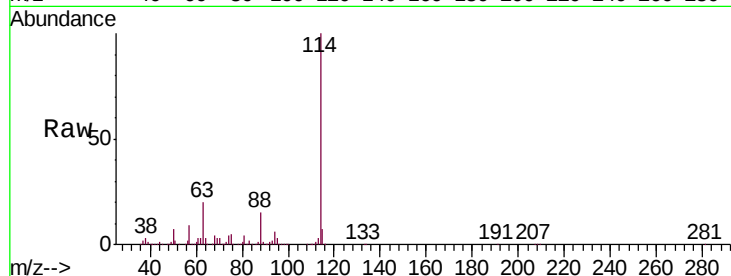




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008470.D
 Acq: 30 Jan 2019 17:12

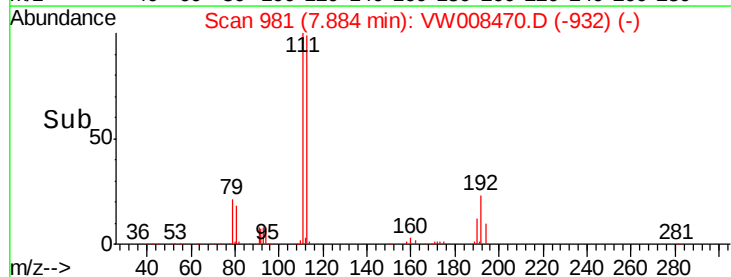
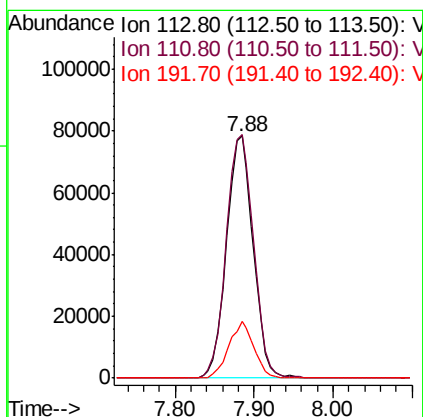
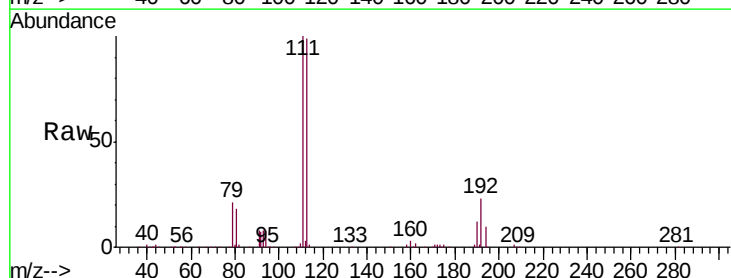
Instrument :
 MSVOA_W
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 TS-01-012819RE

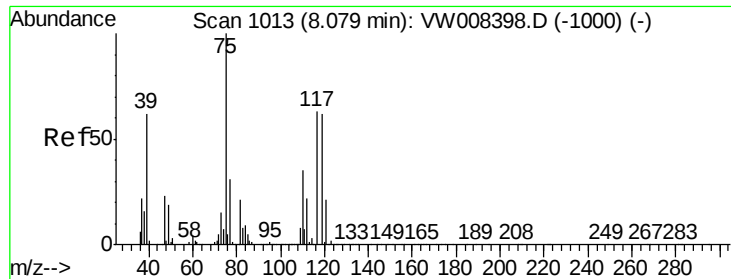
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.6
88	15.3	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.183 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008470.D
 Acq: 30 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.0	121.4
192	22.1	16.8	25.2

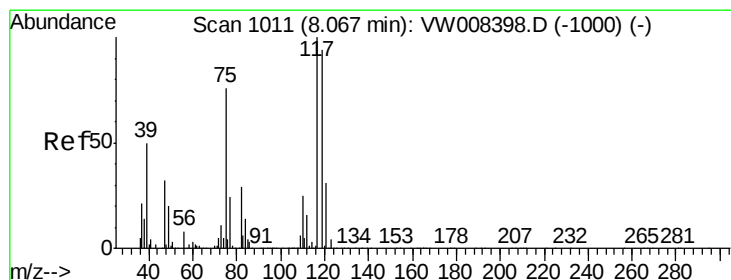
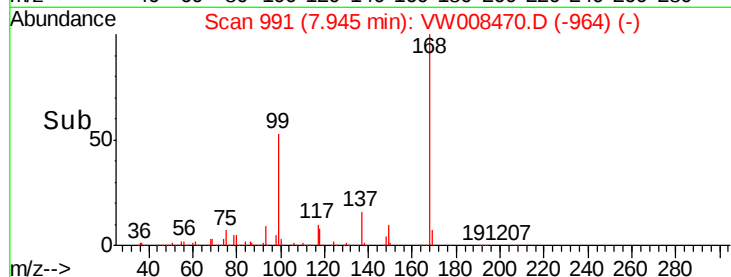
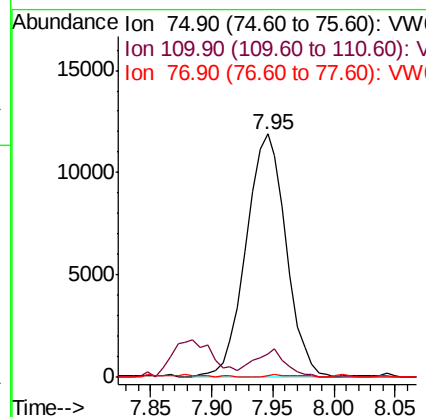
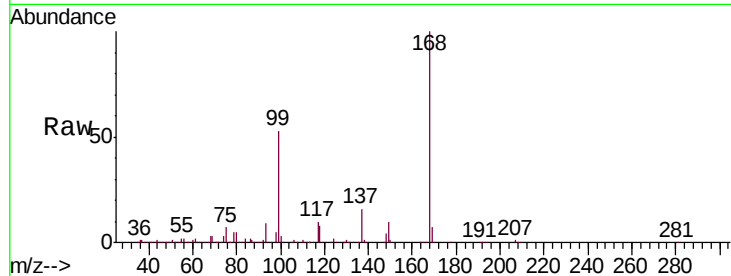




#36
 1,1-Dichloropropene
 Concen: 4.841 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008470.D
 Acq: 30 Jan 2019 17:12

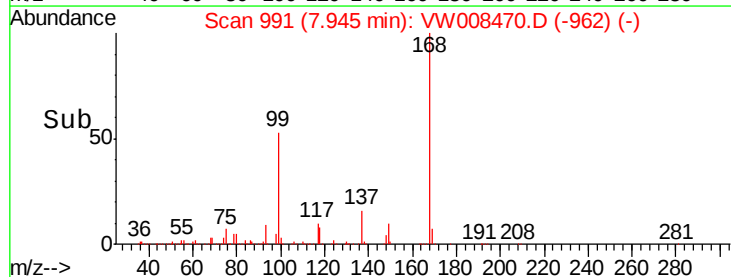
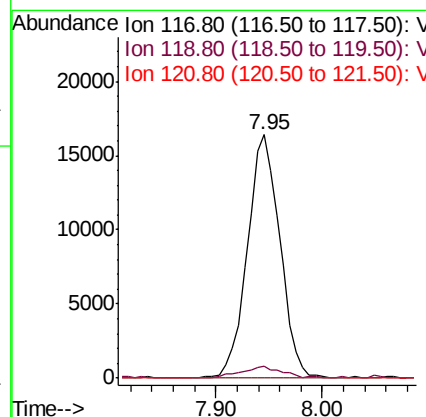
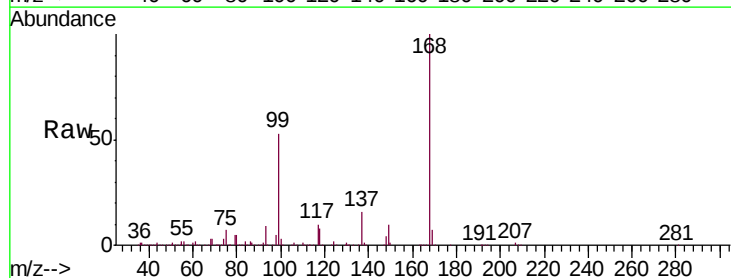
Instrument :
 MSVOA_W
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 TS-01-012819RE

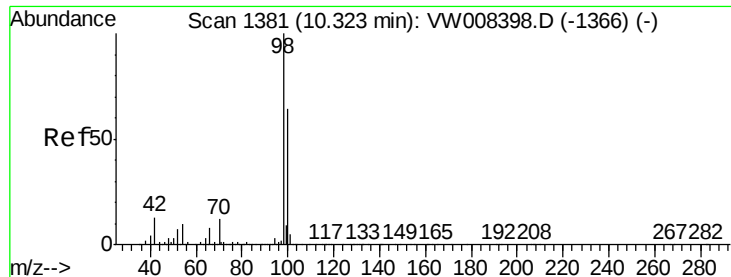
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.3	52.0#
77	0.5	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.275 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008470.D
 Acq: 30 Jan 2019 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.0	112.4#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 50.071 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008470.D

Acq: 30 Jan 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

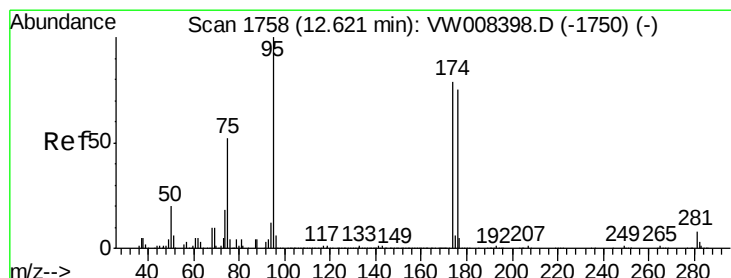
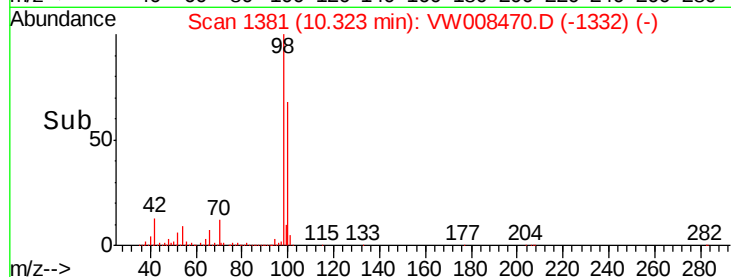
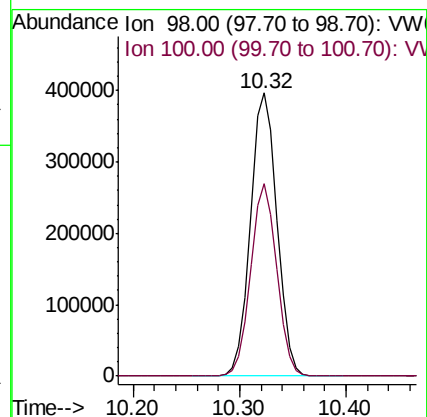
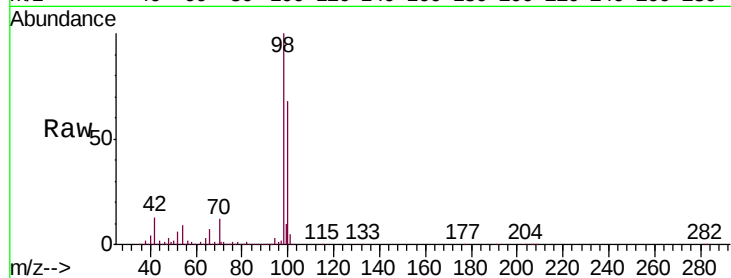
TS-01-012819RE

Tgt Ion: 98 Resp: 694619

Ion Ratio Lower Upper

98 100

100 66.6 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.564 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008470.D

Acq: 30 Jan 2019 17:12

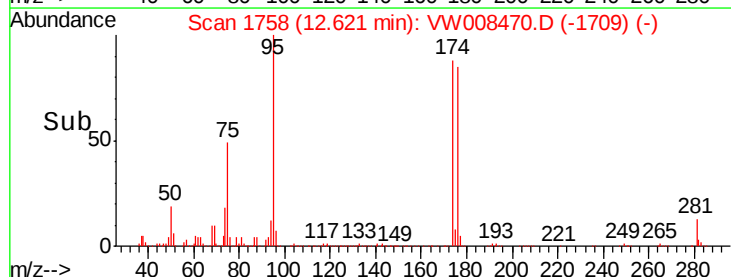
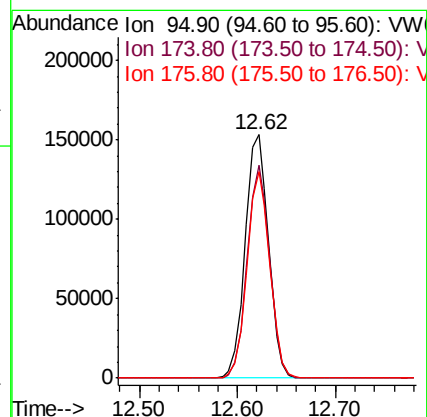
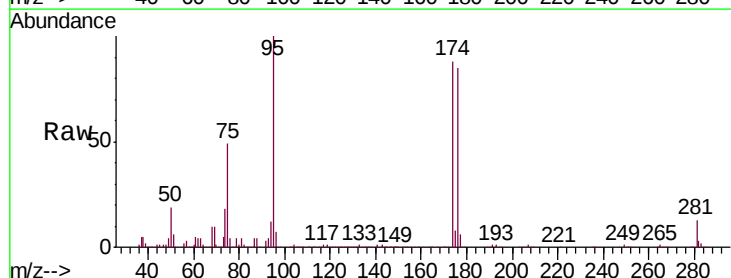
Tgt Ion: 95 Resp: 253634

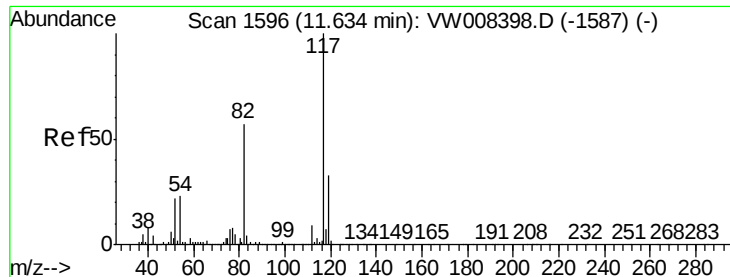
Ion Ratio Lower Upper

95 100

174 84.1 0.0 157.6

176 82.0 0.0 151.8

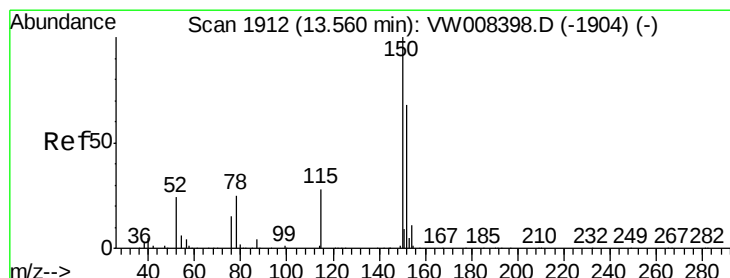
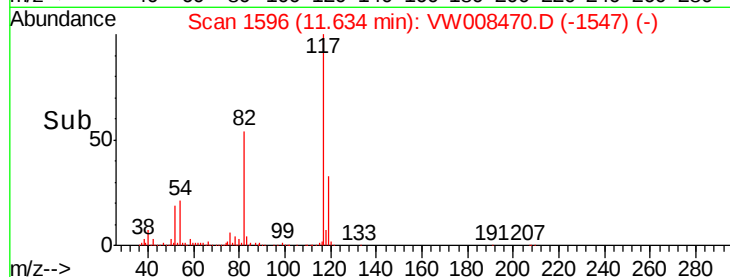
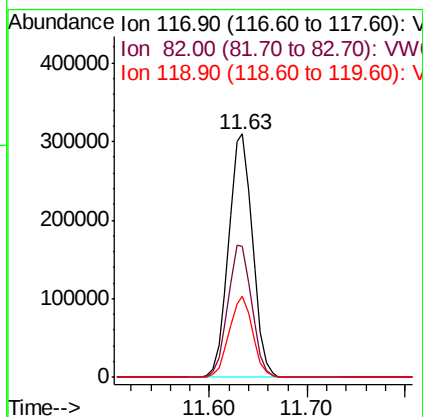
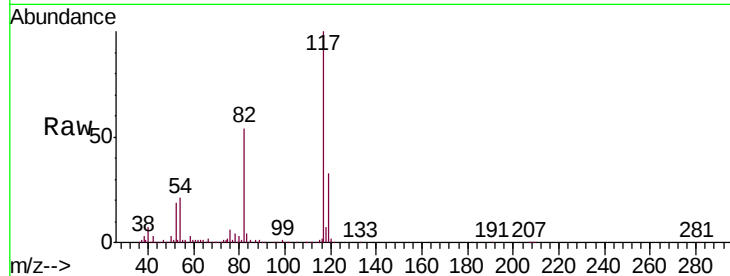




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008470.D
Acq: 30 Jan 2019 17:12

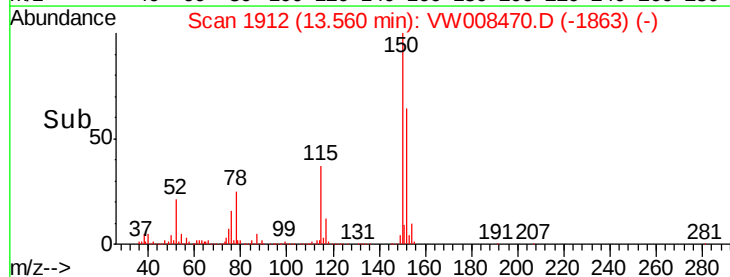
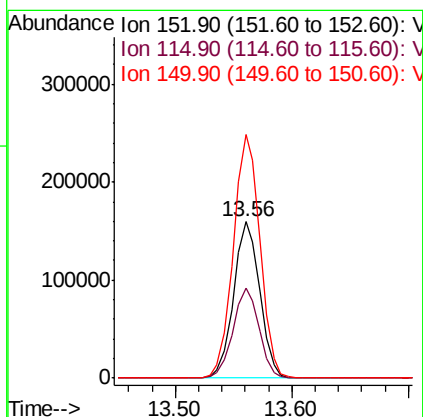
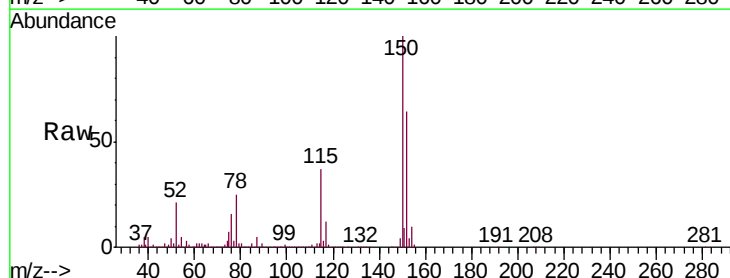
Instrument :
MSVOA_W
ClientSampleId :
TS-01-012819RE

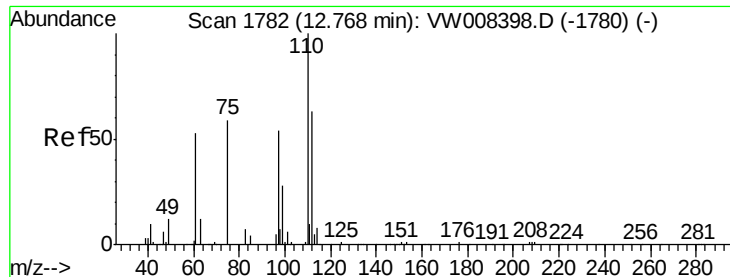
Tgt Ion:117 Resp: 524822
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 33.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008470.D
Acq: 30 Jan 2019 17:12

Tgt Ion:152 Resp: 249559
Ion Ratio Lower Upper
152 100
115 57.4 29.9 89.7
150 158.0 0.0 351.4

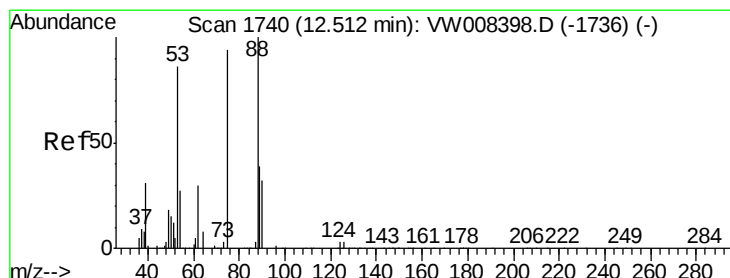
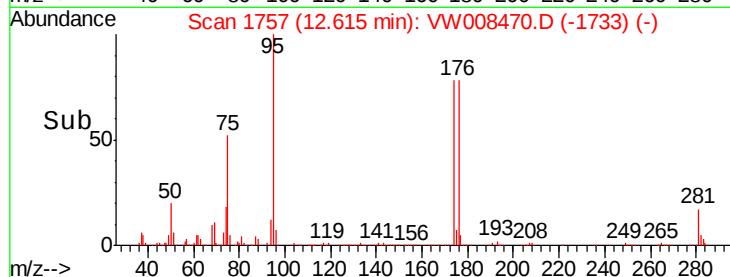
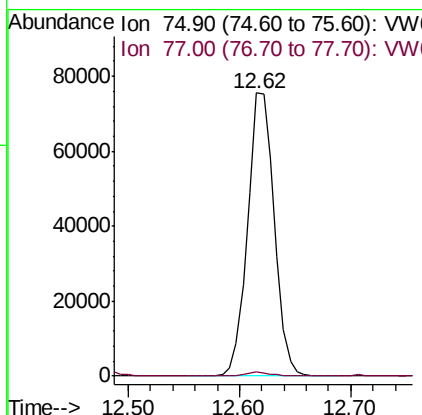
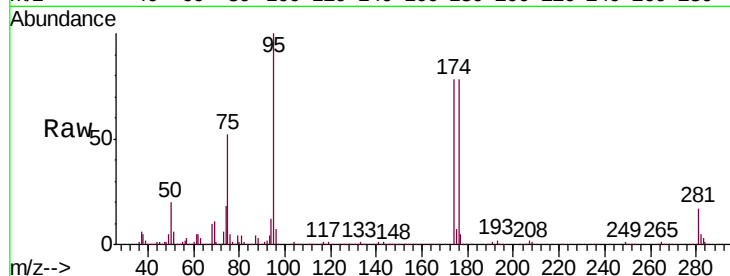




#76
 1,2,3-Trichloropropane
 Concen: 57.928 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW008470.D
 Acq: 30 Jan 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-01-012819RE

Tgt Ion: 75 Resp: 125688
 Ion Ratio Lower Upper
 75 100
 77 1.4 180.7 542.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.412 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW008470.D
 Acq: 30 Jan 2019 17:12

Tgt Ion: 75 Resp: 125688
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.0 114.0#
 89 0.1 35.4 53.0#

