

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008483.D
 Acq On : 01 Feb 2019 15:56
 Operator : SY/VA
 Sample : K1297-03MSD
 Misc : 1.81G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

Quant Time: Feb 02 00:45:16 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	297813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134660	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	172744	59.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.08%	
35) Dibromofluoromethane	7.88	113	160811	61.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.62%	
50) Toluene-d8	10.32	98	551336	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.62	95	166954	41.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	79537	46.461	ug/l	94
3) Chloromethane	2.21	50	123274	50.710	ug/l	98
4) Vinyl Chloride	2.37	62	160425	51.841	ug/l	99
5) Bromomethane	2.78	94	116602	58.418	ug/l	96
6) Chloroethane	2.92	64	119235	63.002	ug/l	98
7) Trichlorofluoromethane	3.25	101	139489	51.651	ug/l	97
8) Diethyl Ether	3.67	74	96352	64.875	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141266	52.445	ug/l	97
10) Methyl Iodide	4.26	142	215323	50.610	ug/l	99
11) Tert butyl alcohol	5.19	59	69925	296.852	ug/l	97
12) 1,1-Dichloroethene	4.03	96	147438	54.087	ug/l	99
13) Acrolein	3.89	56	17547	87.203	ug/l	99
14) Allyl chloride	4.66	41	263267	50.860	ug/l	99
15) Acrylonitrile	5.37	53	191690	298.901	ug/l	98
16) Acetone	4.12	43	200032	304.455	ug/l	97
17) Carbon Disulfide	4.37	76	371276	42.645	ug/l	100
18) Methyl Acetate	4.67	43	375968	214.545	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	313156	69.433	ug/l	99
20) Methylene Chloride	4.90	84	186486	61.582	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	154487	50.409	ug/l	97
22) Diisopropyl ether	6.31	45	544284	55.481	ug/l	97
23) Vinyl Acetate	6.31	43	286444	49.449	ug/l #	74
24) 1,1-Dichloroethane	6.21	63	308215	55.504	ug/l	99
25) 2-Butanone	7.17	43	286354	313.784	ug/l	99
26) 2,2-Dichloropropane	7.16	77	193972	51.677	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	182903	54.762	ug/l	96
28) Bromochloromethane	7.51	49	130682	51.237	ug/l	92
29) Tetrahydrofuran	7.52	42	189835	328.261	ug/l	97
30) Chloroform	7.67	83	310085	56.772	ug/l	100
31) Cyclohexane	7.95	56	210448	36.651	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	258190	54.729	ug/l	99
36) 1,1-Dichloropropene	8.08	75	212029	50.044	ug/l	98
37) Ethyl Acetate	7.25	43	29466	15.719	ug/l #	81
38) Carbon Tetrachloride	8.06	117	233889	54.858	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008483.D
 Acq On : 01 Feb 2019 15:56
 Operator : SY/VA
 Sample : K1297-03MSD
 Misc : 1.81G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

Quant Time: Feb 02 00:45:16 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)
39) Methylcyclohexane	9.33	83	171982	30.899	ug/l	98
40) Benzene	8.32	78	656012	55.799	ug/l	99
41) Methacrylonitrile	7.48	41	66701	60.095	ug/l	97
42) 1,2-Dichloroethane	8.40	62	208927	61.322	ug/l	98
43) Isopropyl Acetate	8.42	43	117062	30.059	ug/l #	85
44) Trichloroethene	9.09	130	169381	52.980	ug/l	100
45) 1,2-Dichloropropane	9.37	63	171516	58.510	ug/l	97
46) Dibromomethane	9.46	93	95782	63.527	ug/l	98
47) Bromodichloromethane	9.64	83	235787	59.124	ug/l	98
48) Methyl methacrylate	9.43	41	163340	85.779	ug/l	98
49) 1,4-Dioxane	9.46	88	30240	1186.565	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	627031	325.912	ug/l	99
52) Toluene	10.39	92	390161	50.273	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	227084	53.513	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	256503	53.264	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	132518	63.366	ug/l	99
56) Ethyl methacrylate	10.65	69	61498	20.986	ug/l	93
57) 1,3-Dichloropropane	10.93	76	227903	60.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	445483	312.886	ug/l	96
59) 2-Hexanone	10.97	43	421025	309.984	ug/l	99
60) Dibromochloromethane	11.13	129	160437	59.697	ug/l	98
61) 1,2-Dibromoethane	11.24	107	125715	60.626	ug/l	100
64) Tetrachloroethene	10.86	164	129221	53.259	ug/l	98
65) Chlorobenzene	11.66	112	392794	53.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	165012	63.048	ug/l	99
67) Ethyl Benzene	11.73	91	679913	50.564	ug/l	99
68) m/p-Xylenes	11.84	106	517794	99.247	ug/l	97
69) o-Xylene	12.16	106	255782	51.599	ug/l	97
70) Styrene	12.18	104	395071	48.249	ug/l	98
71) Bromoform	12.35	173	96055	65.229	ug/l #	100
73) Isopropylbenzene	12.46	105	604149	60.179	ug/l	99
74) N-amyl acetate	12.27	43	7551	2.920	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.71	83	147504	92.805	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	193247	165.059	ug/l #	1
77) Bromobenzene	12.75	156	150136	68.478	ug/l	100
78) n-propylbenzene	12.80	91	635318	52.690	ug/l	98
79) 2-Chlorotoluene	12.90	91	389961	57.313	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	467998	55.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	47437	80.026	ug/l	97
82) 4-Chlorotoluene	12.99	91	390449	53.898	ug/l	97
83) tert-Butylbenzene	13.21	119	389508	52.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	477343	55.968	ug/l	100
85) sec-Butylbenzene	13.38	105	463029	43.420	ug/l	100
86) p-Isopropyltoluene	13.50	119	421363	45.109	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	228477	51.600	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	229886	52.242	ug/l	99
89) n-Butylbenzene	13.83	91	305419	33.300	ug/l	99
90) Hexachloroethane	14.10	117	80766	44.213	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	214524	54.755	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25209	83.592	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
Data File : VW008483.D
Acq On : 01 Feb 2019 15:56
Operator : SY/VA
Sample : K1297-03MSD
Misc : 1.81G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Quant Time: Feb 02 00:45:16 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

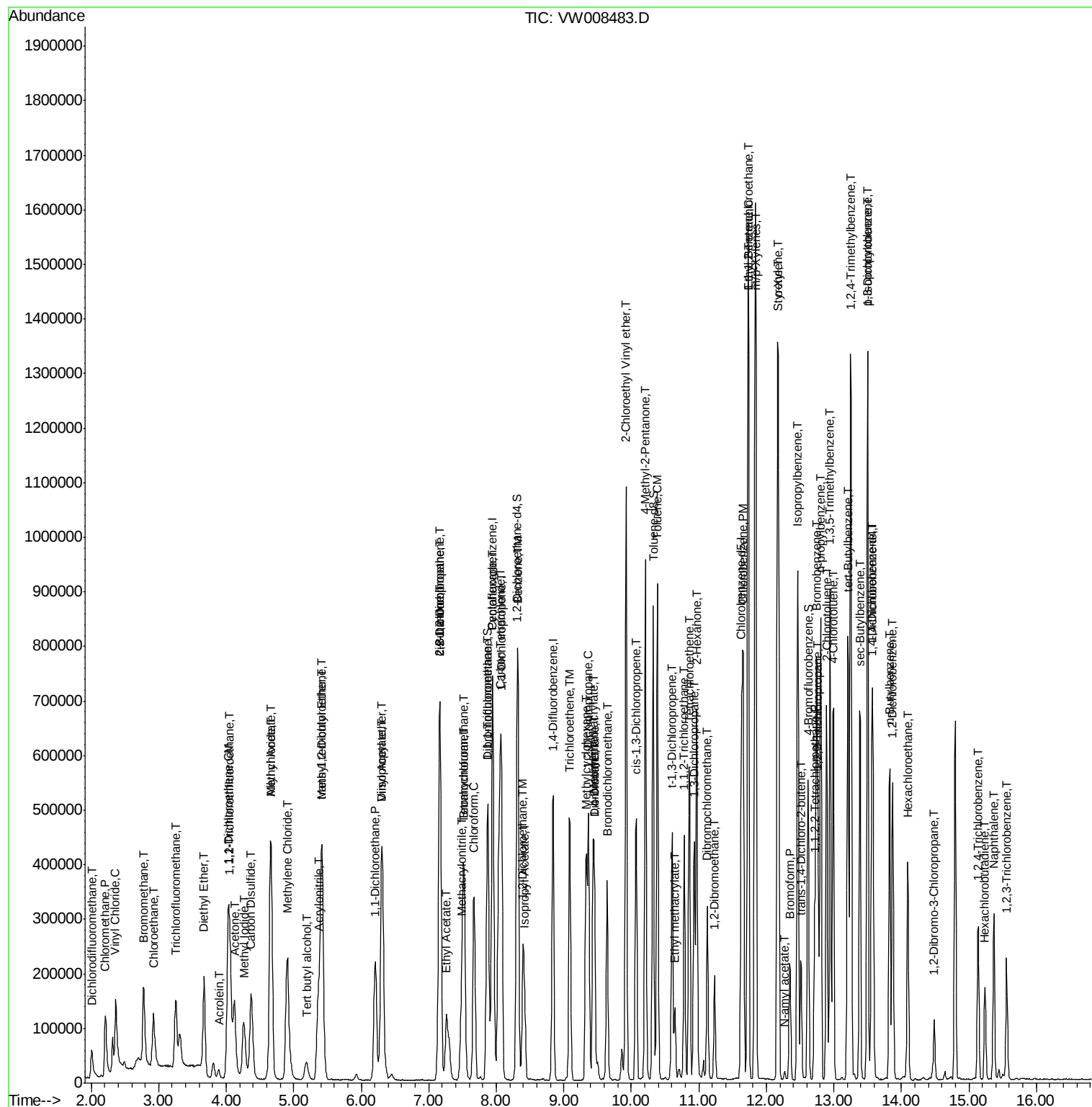
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89662	32.070	ug/l	98
94) Hexachlorobutadiene	15.24	225	31648	18.783	ug/l	97
95) Naphthalene	15.37	128	256756	52.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	75428	31.804	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
Data File : VW008483.D
Acq On : 01 Feb 2019 15:56
Operator : SY/VA
Sample : K1297-03MSD
Misc : 1.81G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Quant Time: Feb 02 00:45:16 2019
Quant Method : Z:\V0ASRV\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: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

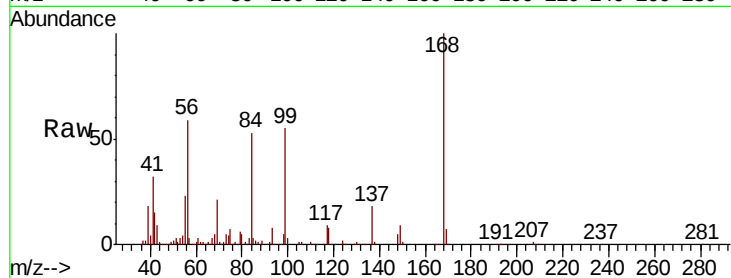
A0C17-SS1MSD

Tgt Ion: 168 Resp: 297813

Ion Ratio Lower Upper

168 100

99 54.9 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

150000

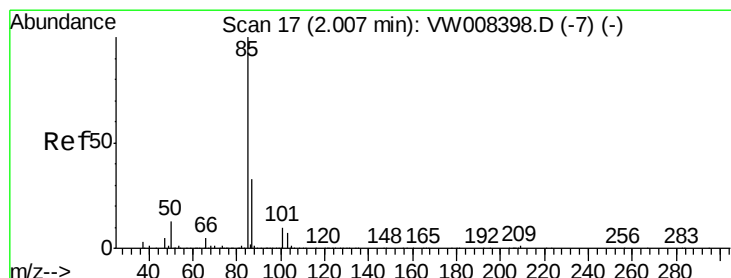
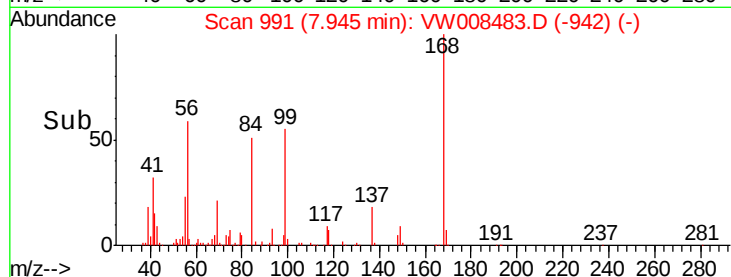
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.461 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008483.D

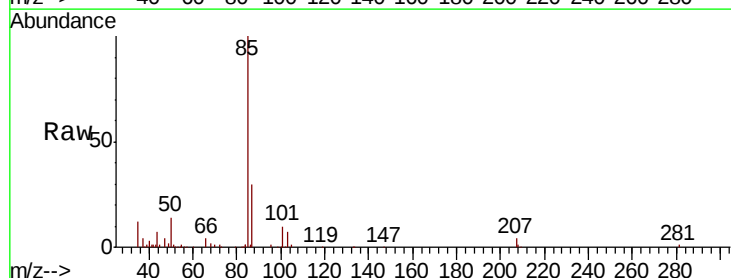
Acq: 01 Feb 2019 15:56

Tgt Ion: 85 Resp: 79537

Ion Ratio Lower Upper

85 100

87 30.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

15000

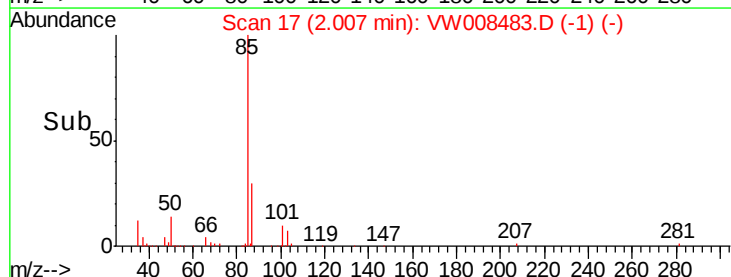
10000

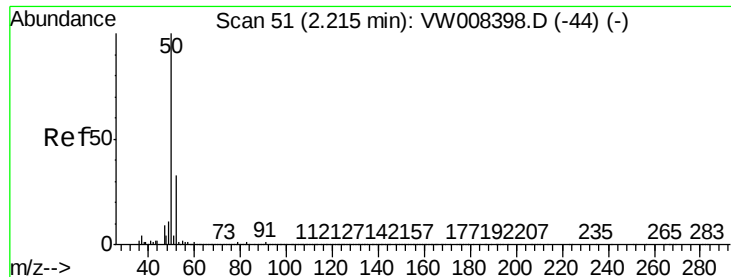
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 50.710 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

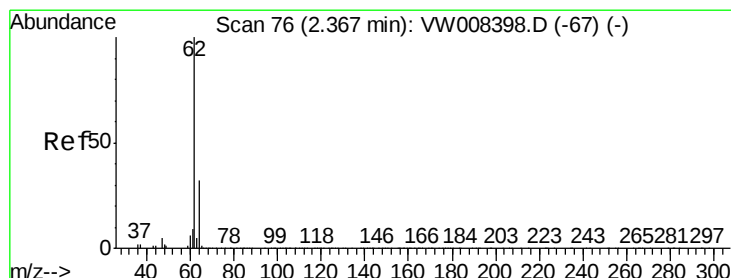
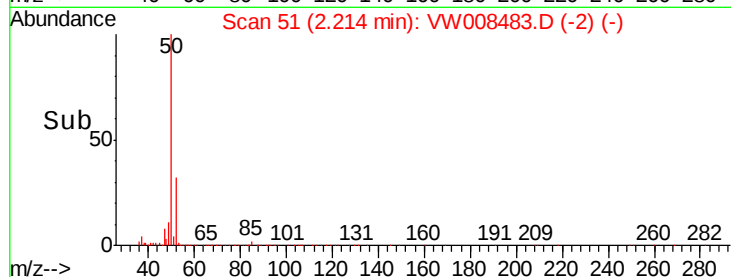
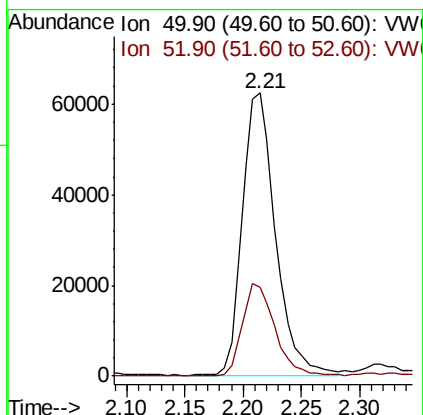
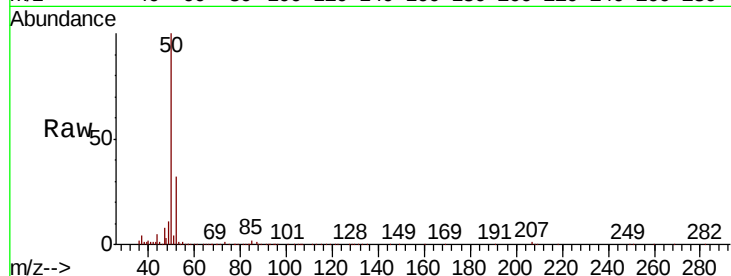
A0C17-SS1MSD

Tgt Ion: 50 Resp: 123274

Ion Ratio Lower Upper

50 100

52 31.7 26.3 39.5



#4

Vinyl Chloride

Concen: 51.841 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008483.D

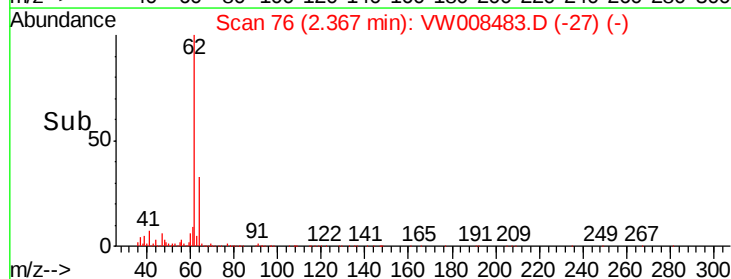
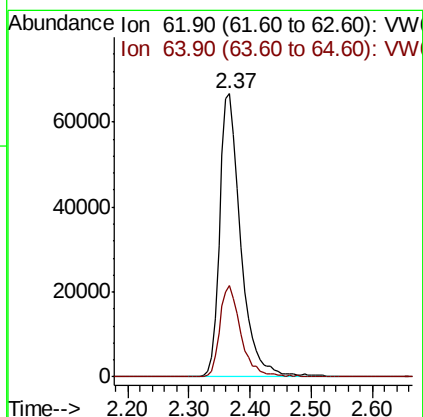
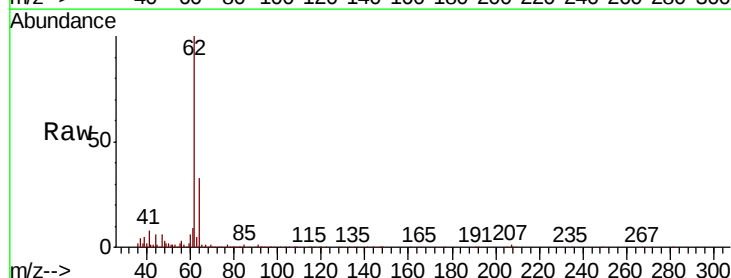
Acq: 01 Feb 2019 15:56

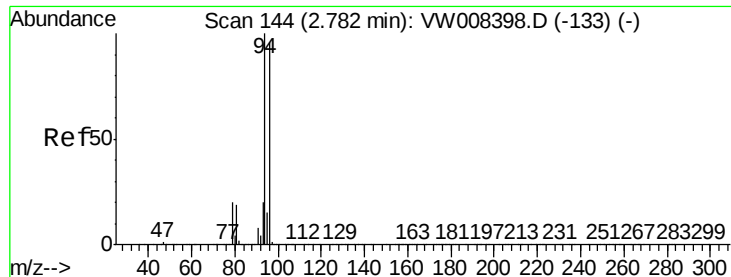
Tgt Ion: 62 Resp: 160425

Ion Ratio Lower Upper

62 100

64 32.5 25.5 38.3





#5

Bromomethane

Concen: 58.418 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

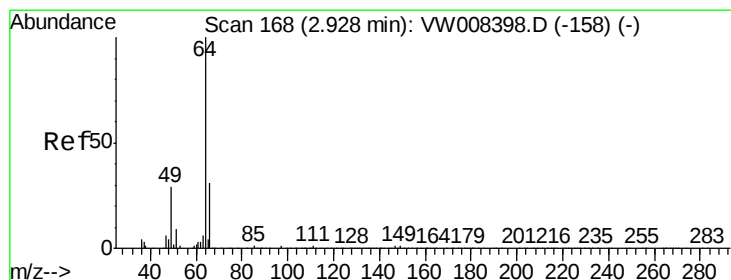
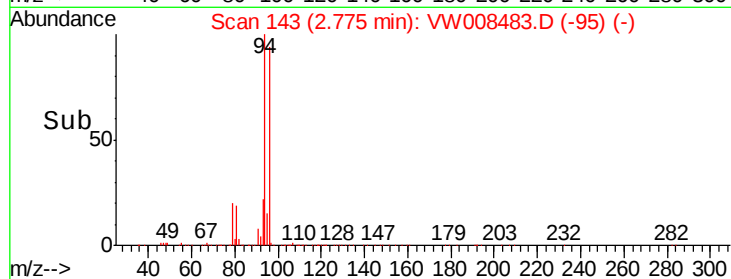
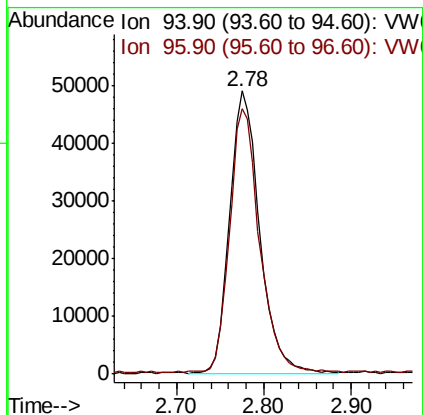
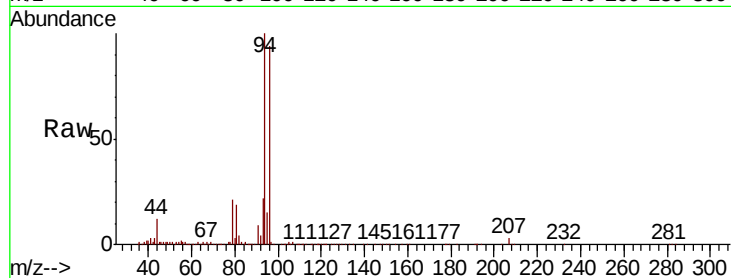
A0C17-SS1MSD

Tgt Ion: 94 Resp: 116602

Ion Ratio Lower Upper

94 100

96 93.0 77.2 115.8



#6

Chloroethane

Concen: 63.002 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008483.D

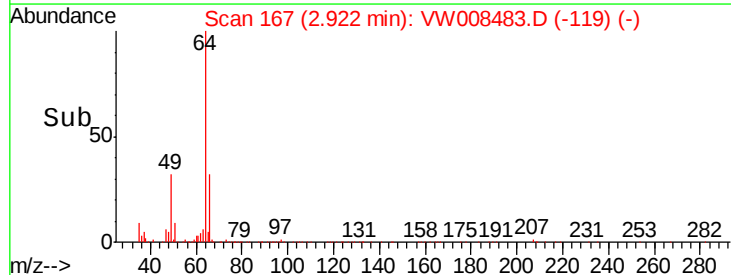
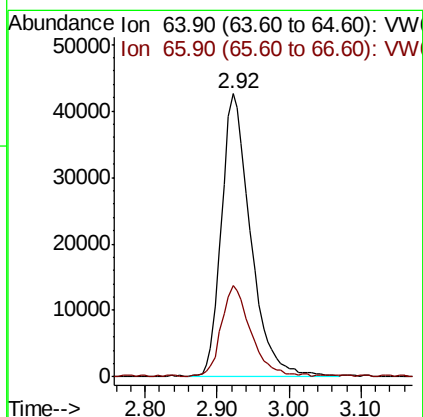
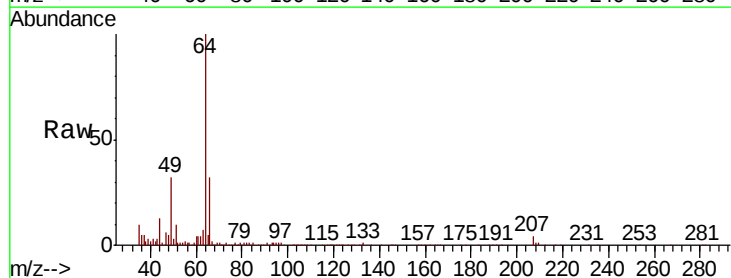
Acq: 01 Feb 2019 15:56

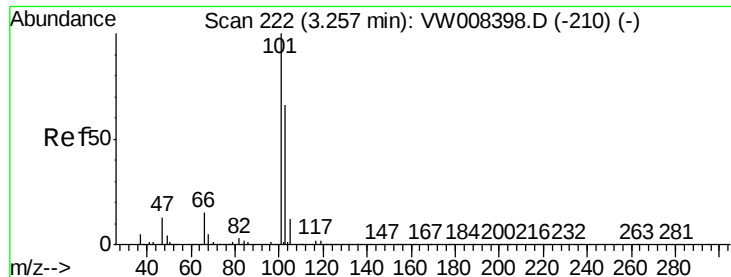
Tgt Ion: 64 Resp: 119235

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3



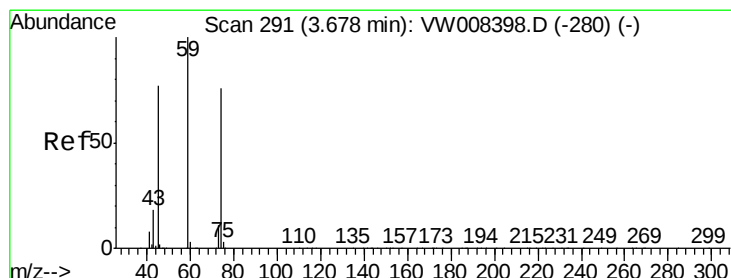
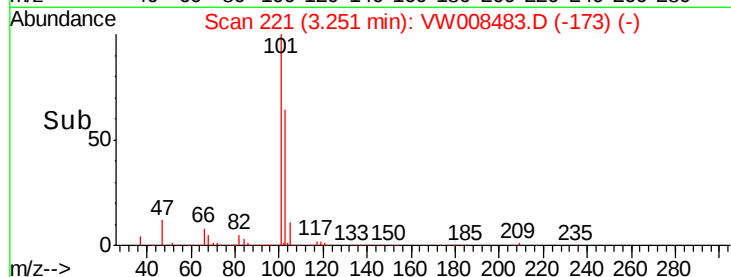
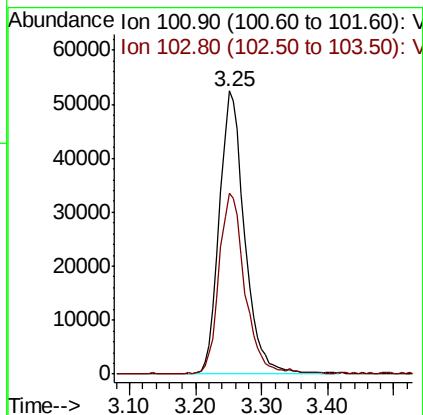
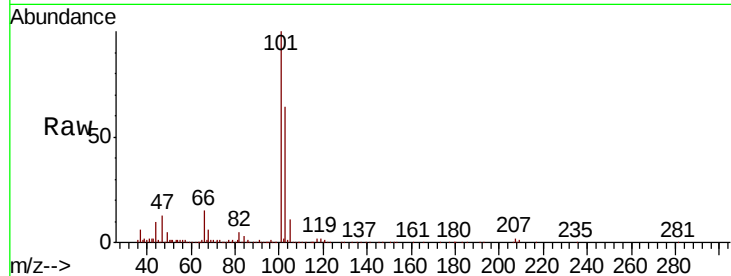


#7

Trichlorofluoromethane
Concen: 51.651 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

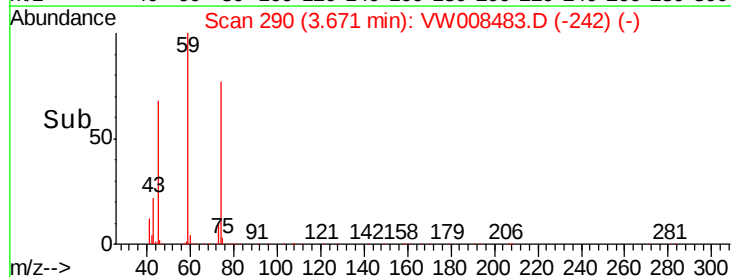
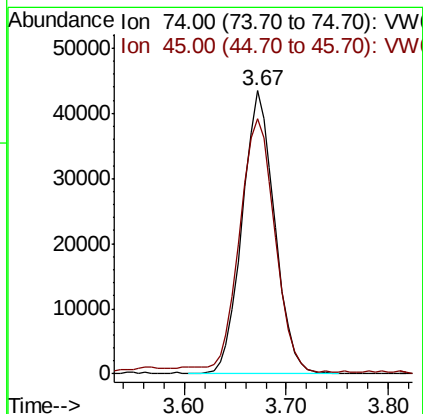
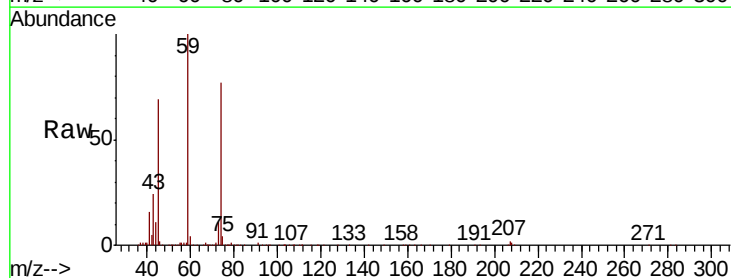
Tgt Ion:101 Resp: 139489
Ion Ratio Lower Upper
101 100
103 63.4 52.5 78.7



#8

Diethyl Ether
Concen: 64.875 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 74 Resp: 96352
Ion Ratio Lower Upper
74 100
45 97.6 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.445 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

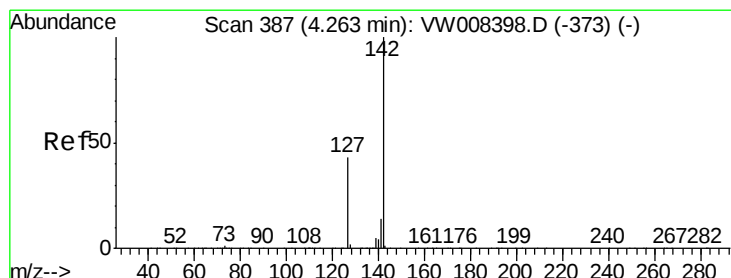
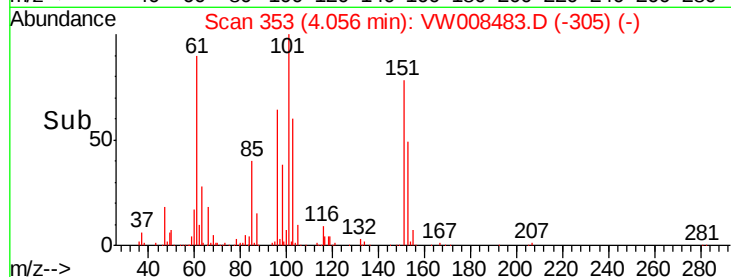
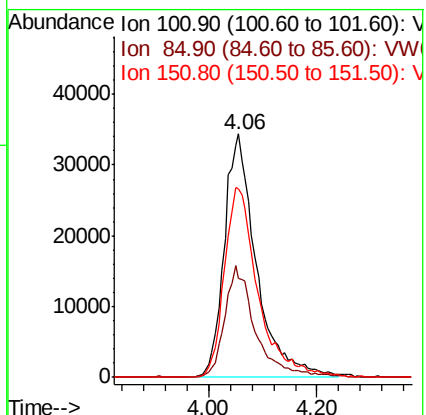
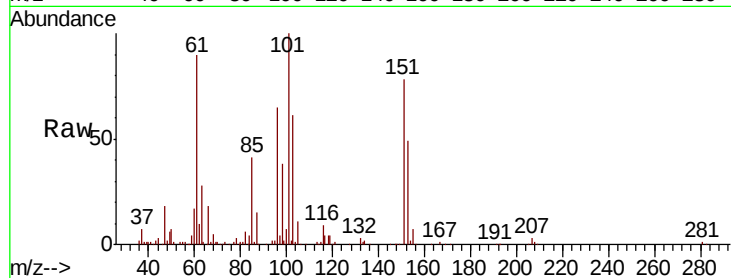
Tgt Ion:101 Resp: 141266

Ion Ratio Lower Upper

101 100

85 44.0 35.0 52.4

151 82.0 62.6 94.0



#10

Methyl Iodide

Concen: 50.610 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

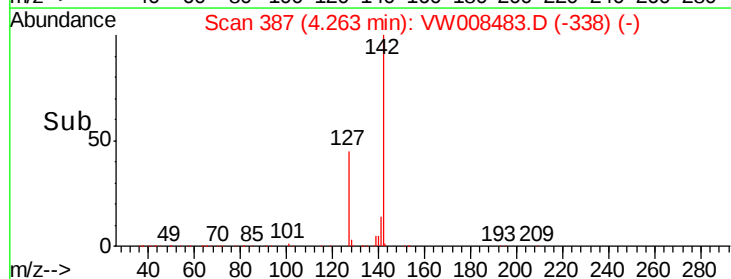
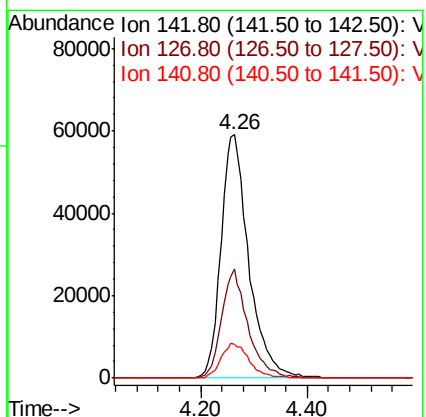
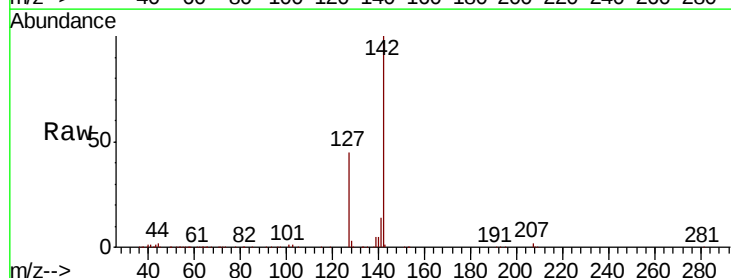
Tgt Ion:142 Resp: 215323

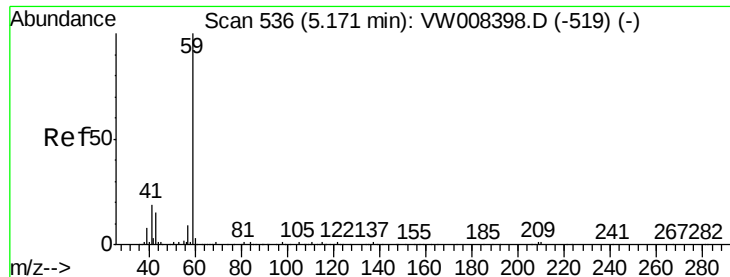
Ion Ratio Lower Upper

142 100

127 42.5 34.6 52.0

141 14.6 11.4 17.2



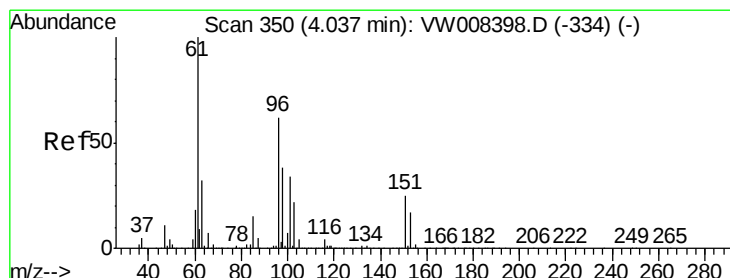
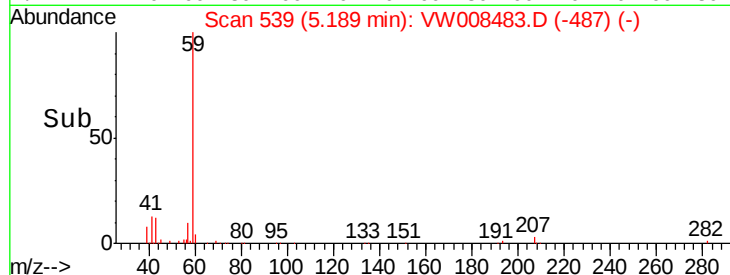
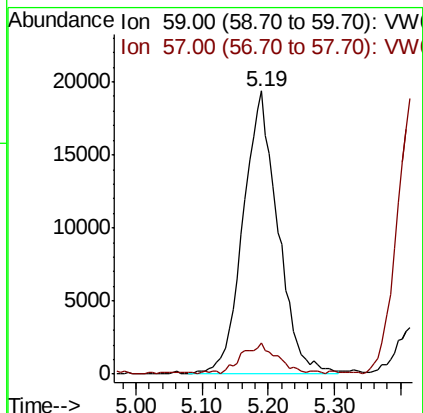
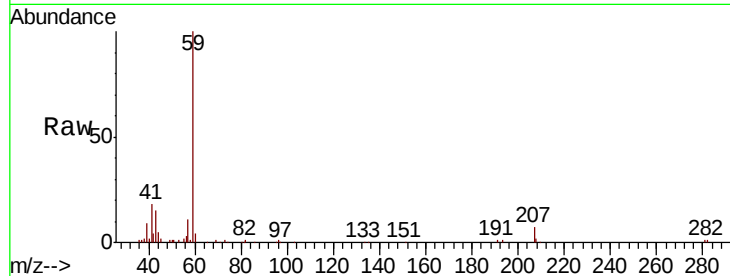


#11

Tert butyl alcohol
Concen: 296.852 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

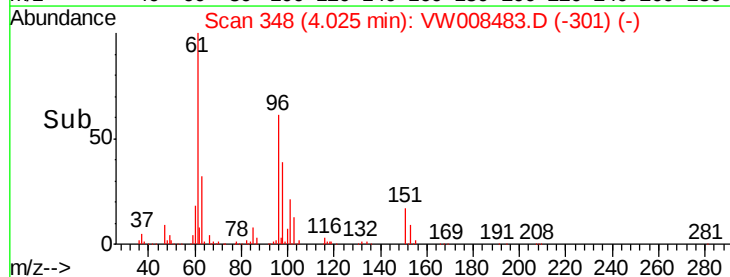
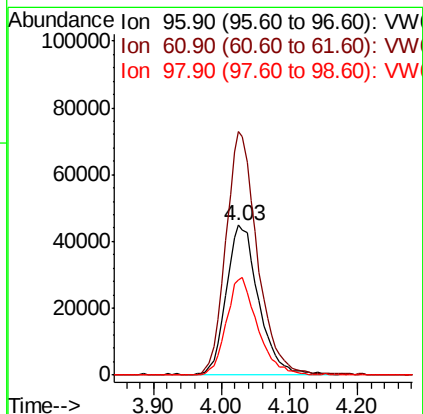
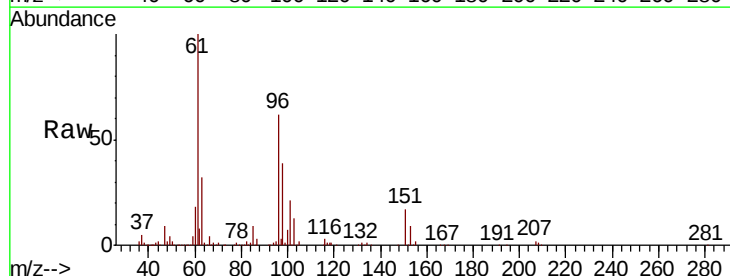
Tgt Ion: 59 Resp: 69925
Ion Ratio Lower Upper
59 100
57 10.4 9.3 13.9

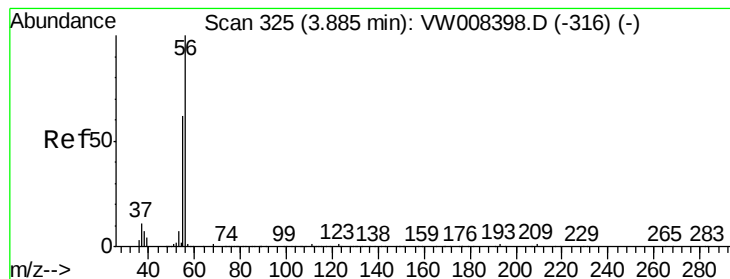


#12

1,1-Dichloroethene
Concen: 54.087 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 96 Resp: 147438
Ion Ratio Lower Upper
96 100
61 162.8 129.5 194.3
98 63.3 48.6 73.0





#13

Acrolein

Concen: 87.203 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

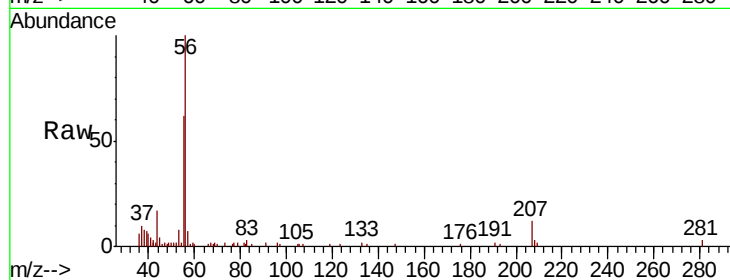
A0C17-SS1MSD

Tgt Ion: 56 Resp: 17547

Ion Ratio Lower Upper

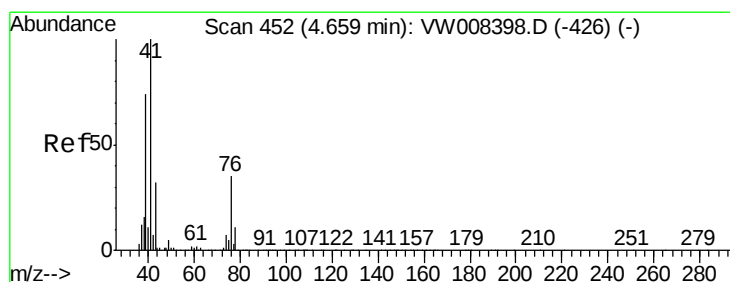
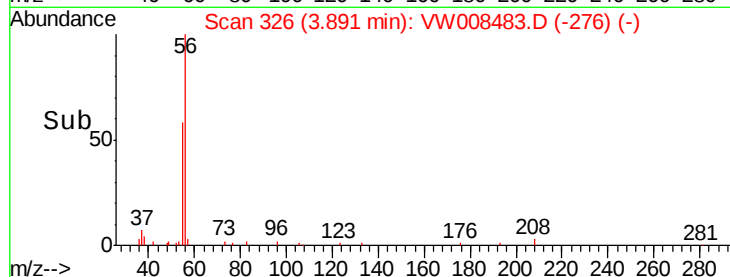
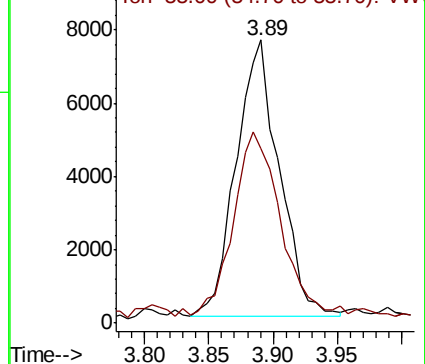
56 100

55 72.0 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 50.860 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

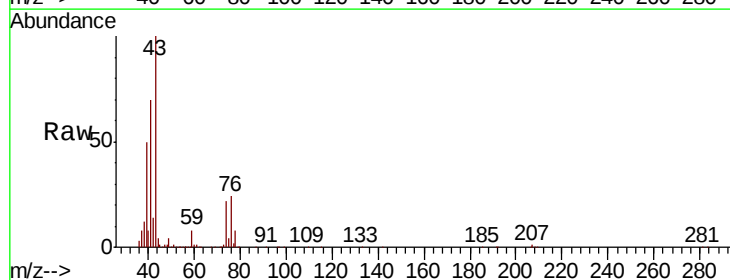
Tgt Ion: 41 Resp: 263267

Ion Ratio Lower Upper

41 100

39 71.6 57.7 86.5

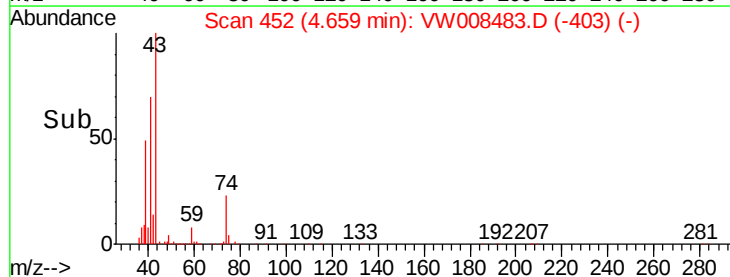
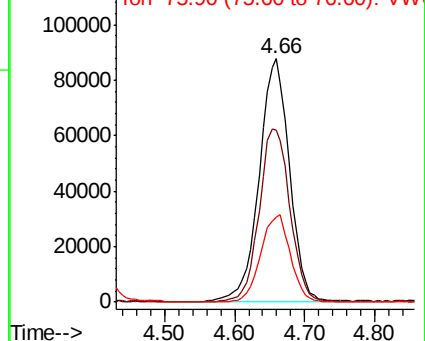
76 34.8 26.9 40.3



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 298.901 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

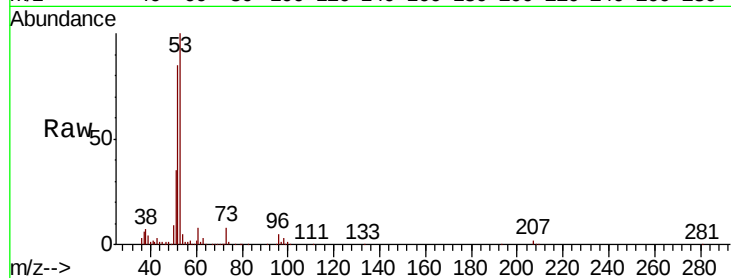
Tgt Ion: 53 Resp: 191690

Ion Ratio Lower Upper

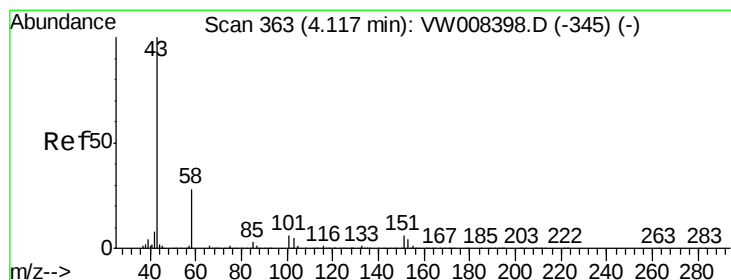
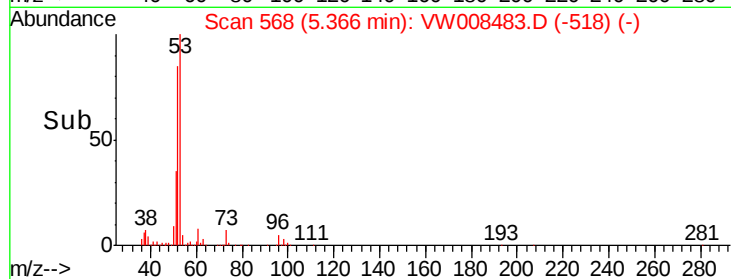
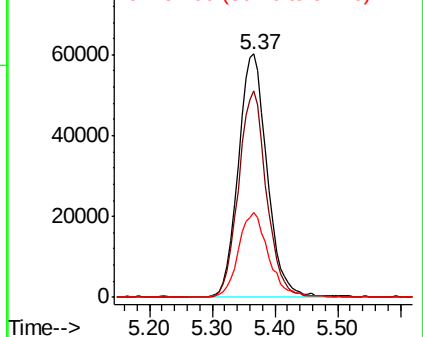
53 100

52 82.0 67.0 100.4

51 36.4 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 304.455 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008483.D

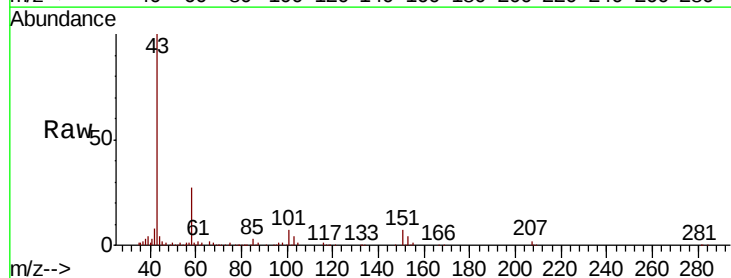
Acq: 01 Feb 2019 15:56

Tgt Ion: 43 Resp: 200032

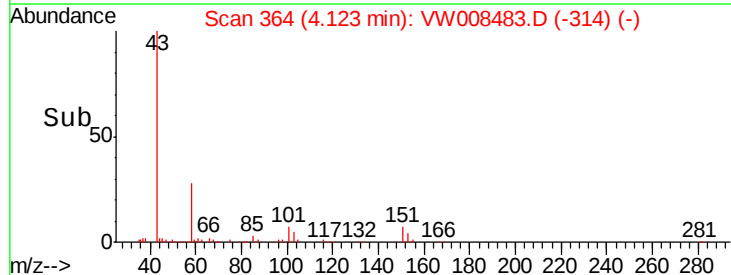
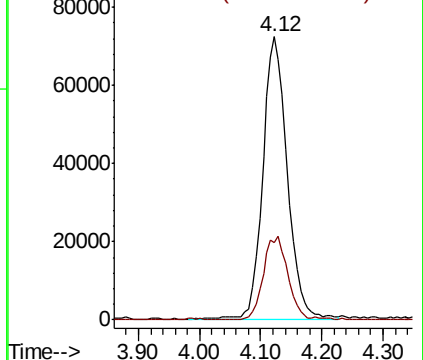
Ion Ratio Lower Upper

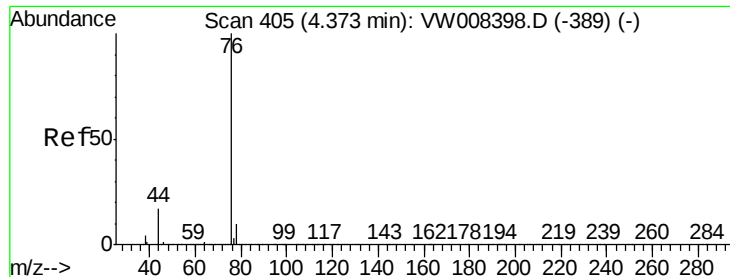
43 100

58 26.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

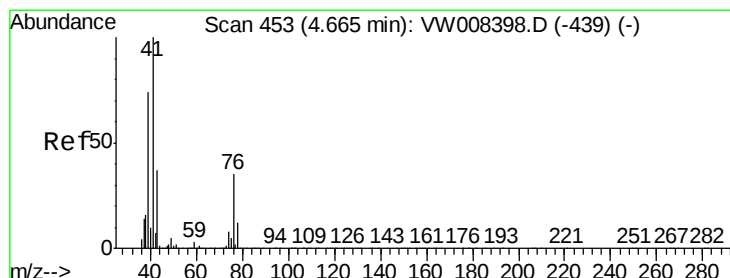
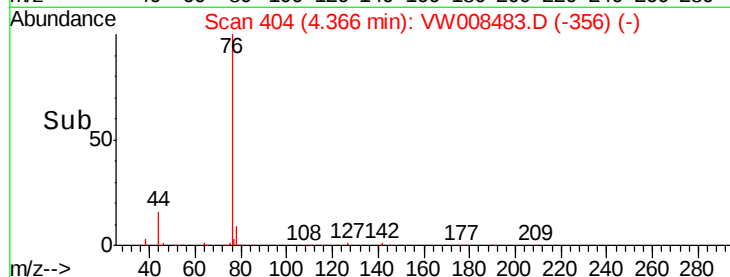
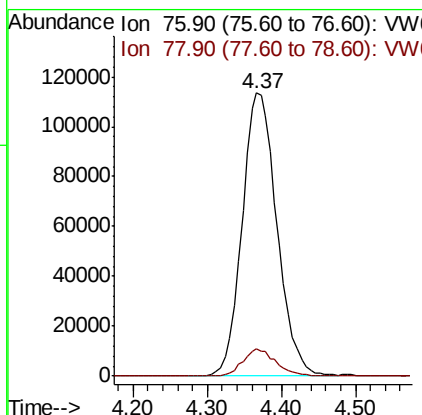
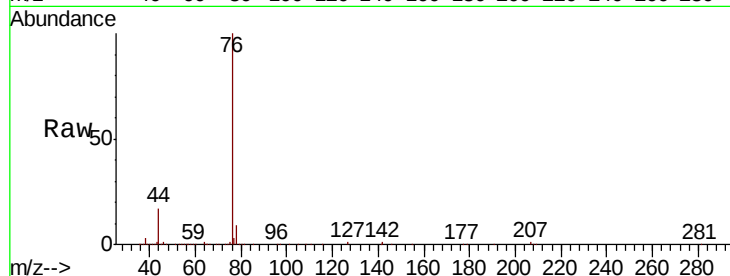




#17
Carbon Disulfide
Concen: 42.645 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

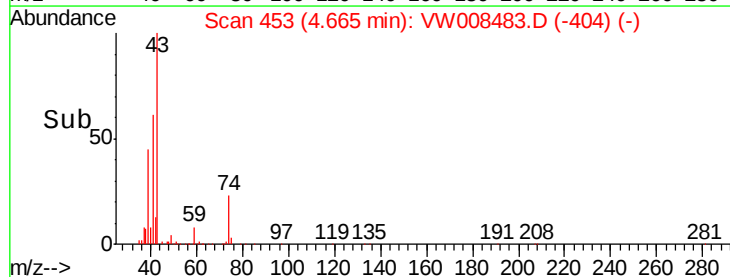
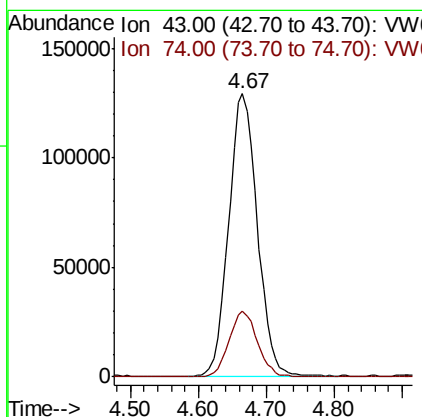
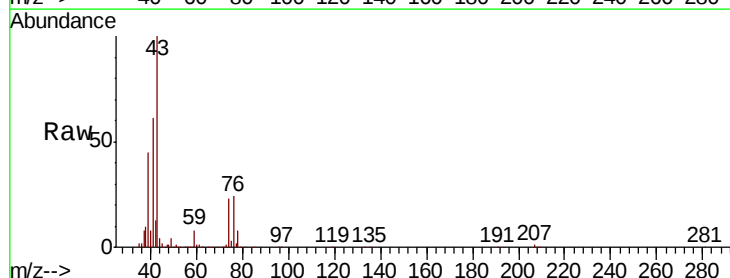
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

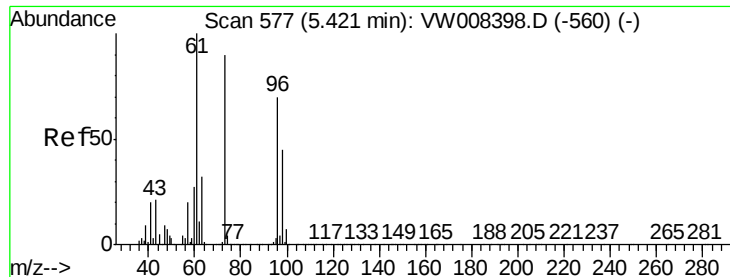
Tgt Ion: 76 Resp: 371276
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 214.545 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 43 Resp: 375968
Ion Ratio Lower Upper
43 100
74 23.1 17.5 26.3



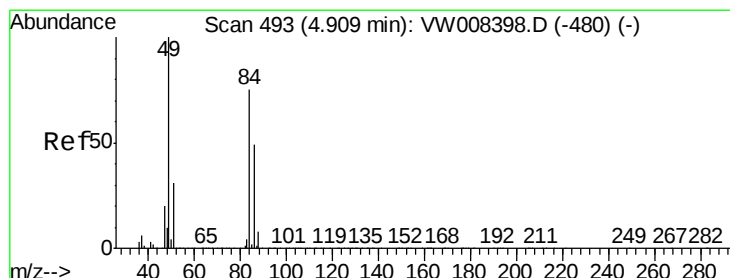
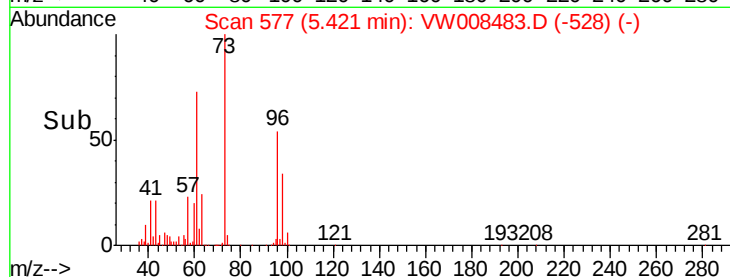
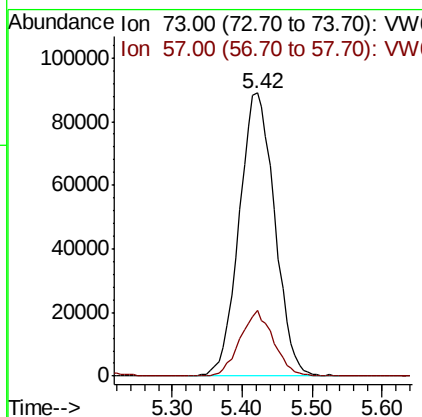
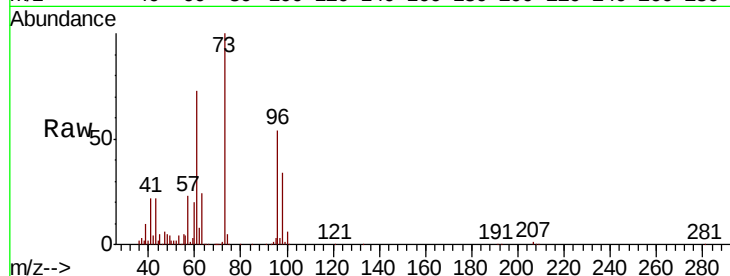


#19

Methyl tert-butyl Ether
 Concen: 69.433 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

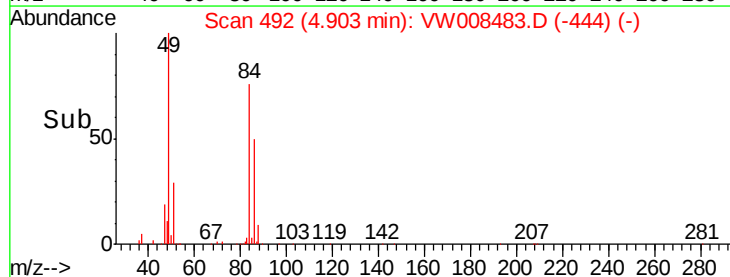
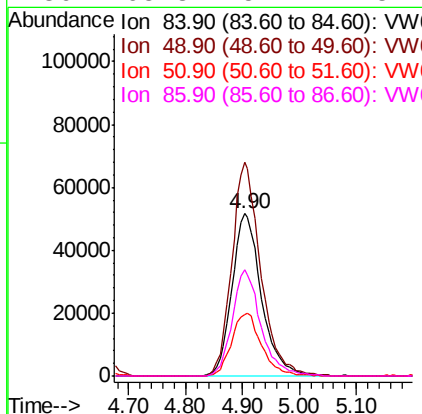
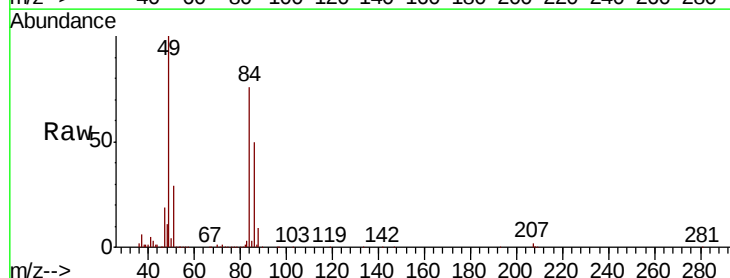
Tgt Ion: 73 Resp: 313156
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.0 27.0

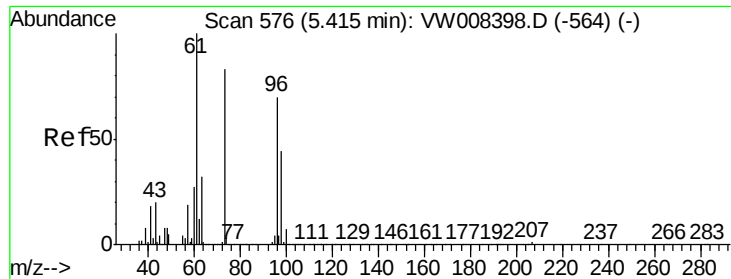


#20

Methylene Chloride
 Concen: 61.582 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion: 84 Resp: 186486
 Ion Ratio Lower Upper
 84 100
 49 131.8 106.8 160.2
 51 37.9 32.9 49.3
 86 65.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 50.409 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

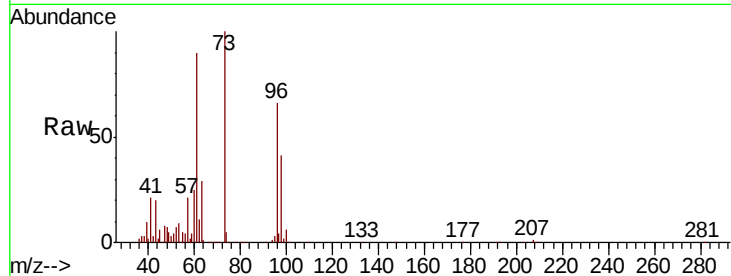
Tgt Ion: 96 Resp: 154487

Ion Ratio Lower Upper

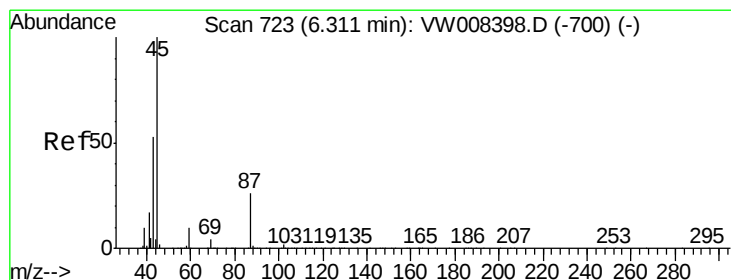
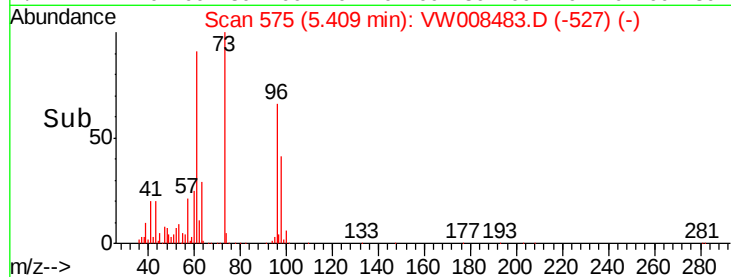
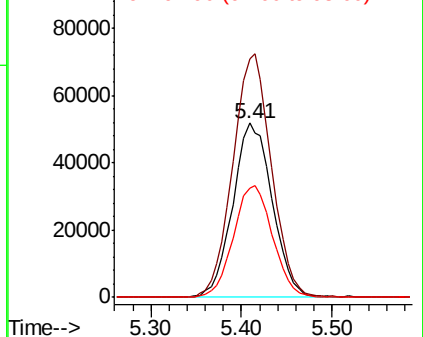
96 100

61 137.2 114.4 171.6

98 62.7 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 55.481 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Tgt Ion: 45 Resp: 544284

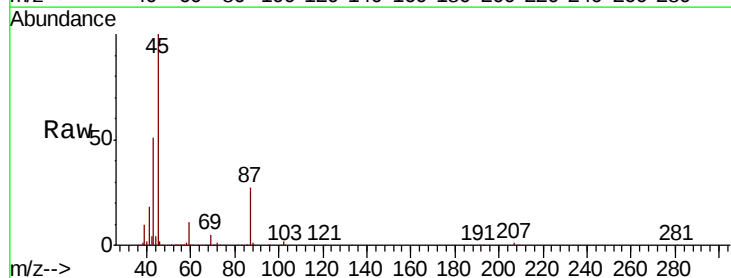
Ion Ratio Lower Upper

45 100

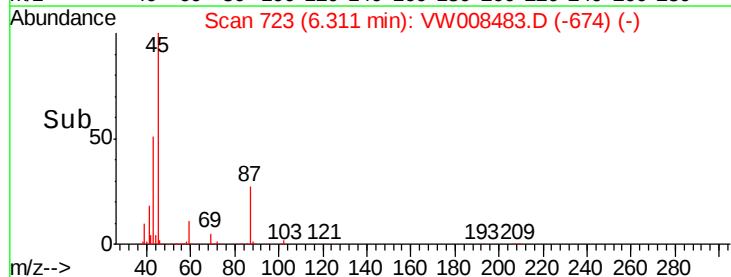
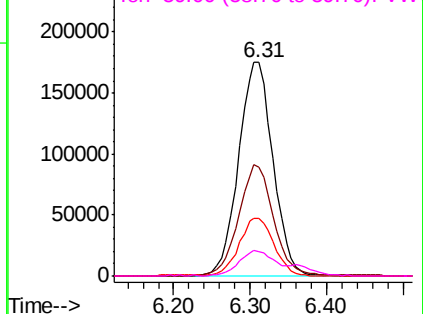
43 50.8 42.6 63.8

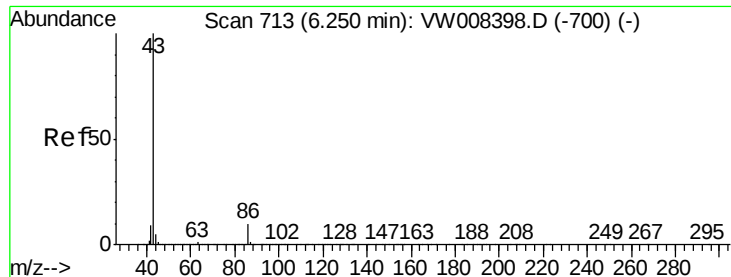
87 26.7 20.3 30.5

59 10.9 8.4 12.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 49.449 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.05 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

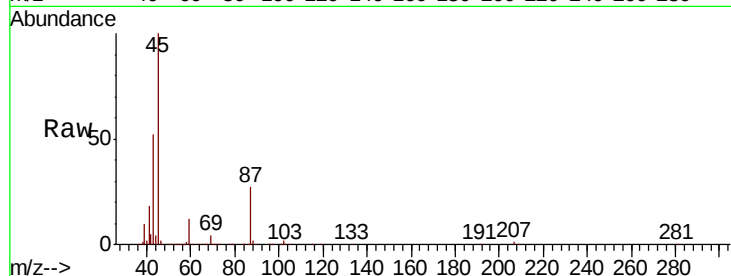
A0C17-SS1MSD

Tgt Ion: 43 Resp: 286444

Ion Ratio Lower Upper

43 100

86 0.3 7.8 11.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.31

100000

80000

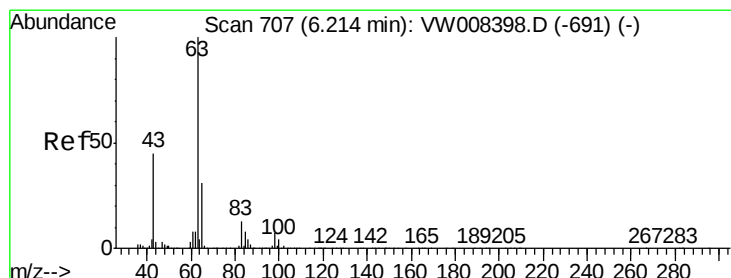
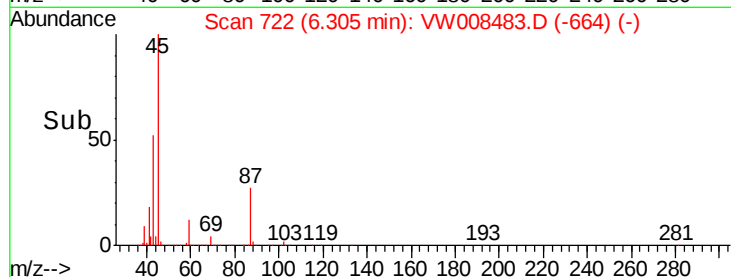
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.504 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

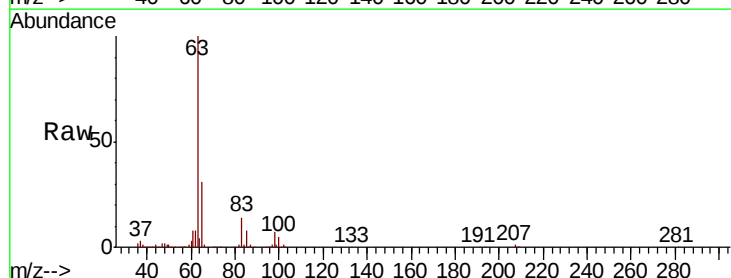
Tgt Ion: 63 Resp: 308215

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.6 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

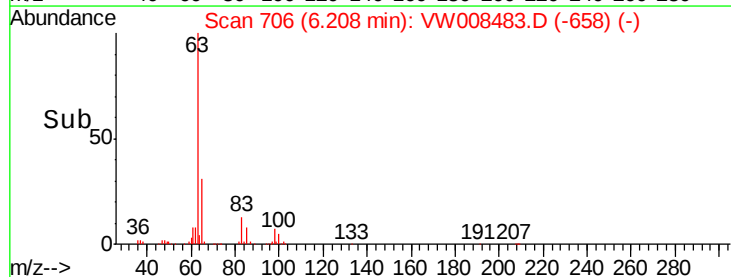
6.21

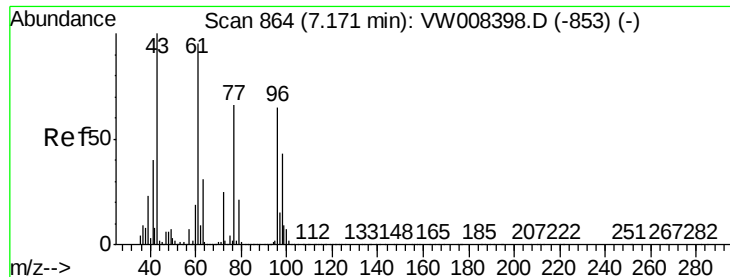
100000

50000

0

Time-->





#25

2-Butanone

Concen: 313.784 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

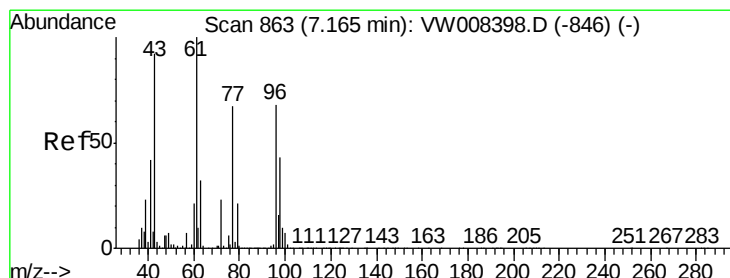
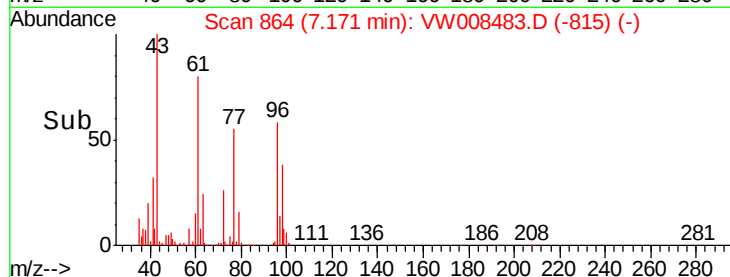
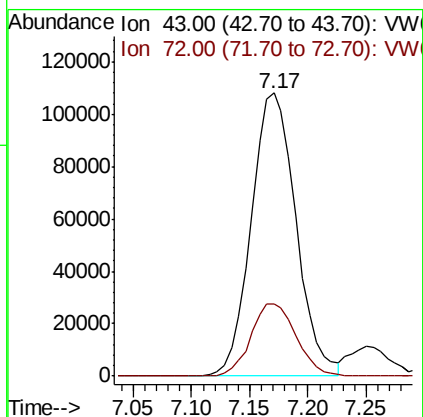
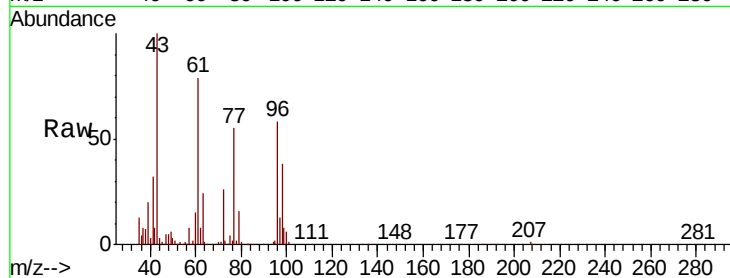
A0C17-SS1MSD

Tgt Ion: 43 Resp: 286354

Ion Ratio Lower Upper

43 100

72 25.7 20.1 30.1



#26

2,2-Dichloropropane

Concen: 51.677 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008483.D

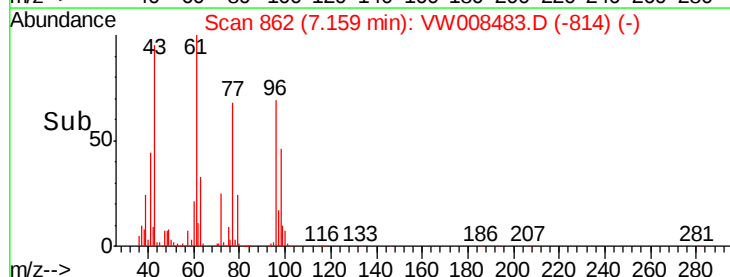
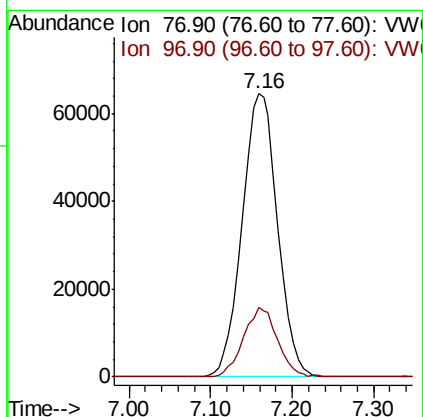
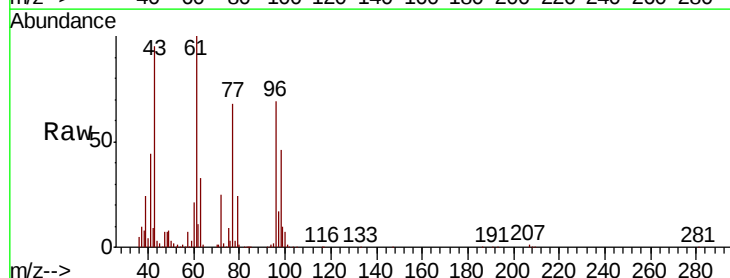
Acq: 01 Feb 2019 15:56

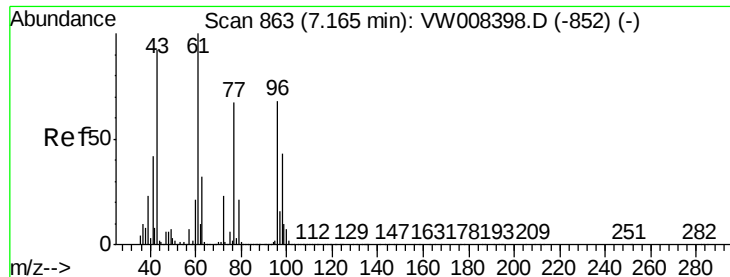
Tgt Ion: 77 Resp: 193972

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.5



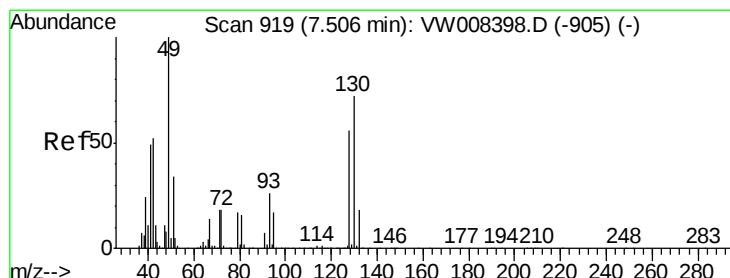
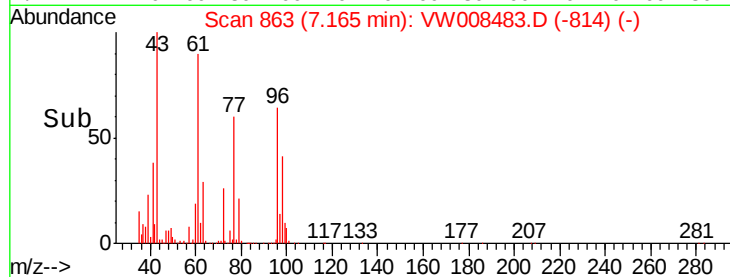
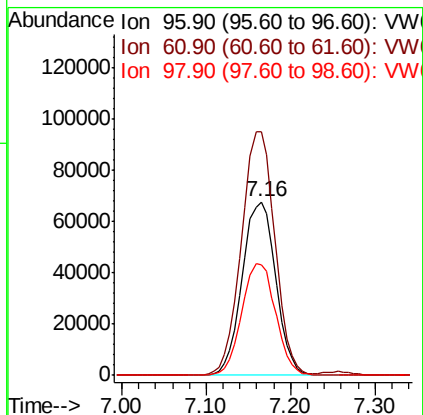
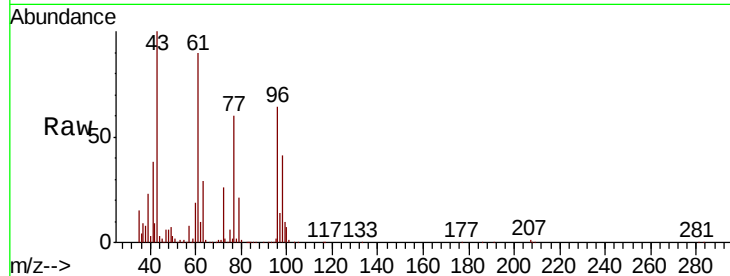


#27

cis-1,2-Dichloroethene
 Concen: 54.762 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

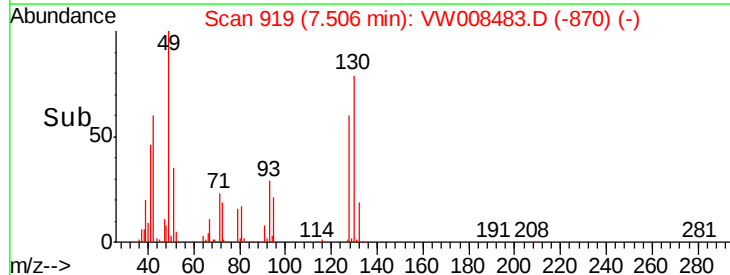
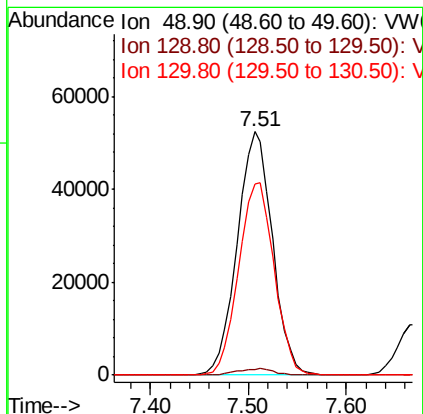
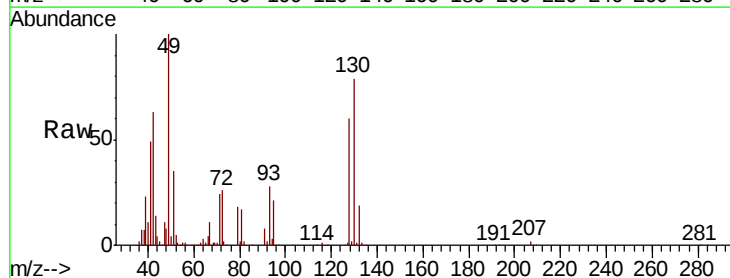
Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	292.8
98	64.8	0.0	129.2

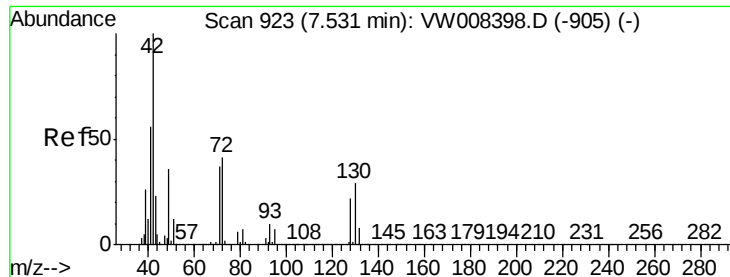


#28

Bromochloromethane
 Concen: 51.237 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.6
130	79.9	58.6	87.8

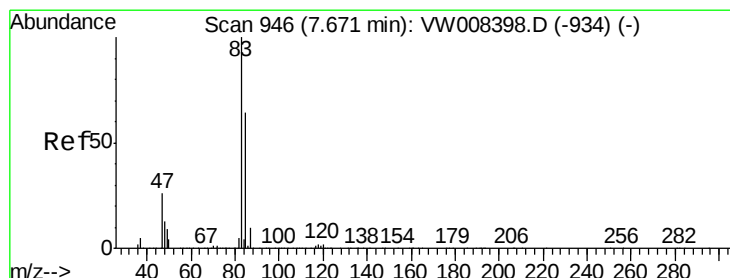
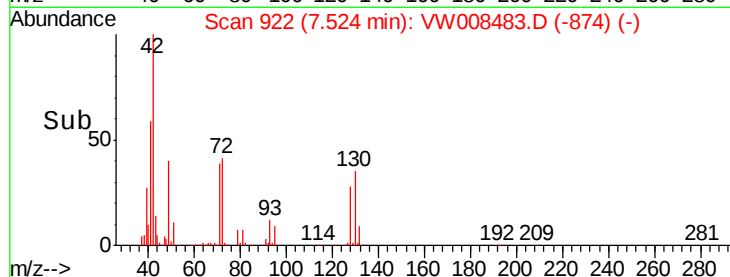
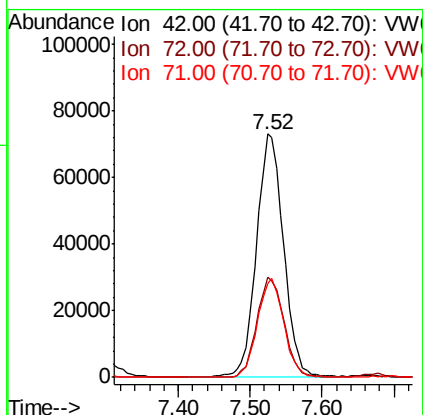
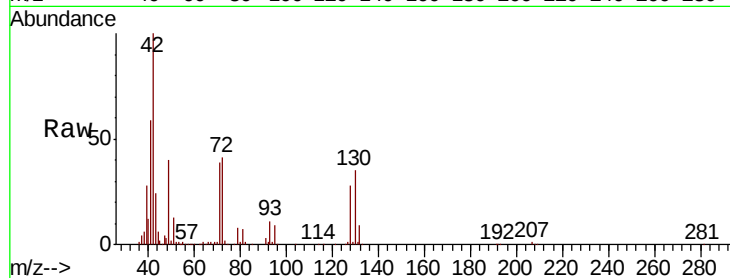




#29
Tetrahydrofuran
Concen: 328.261 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

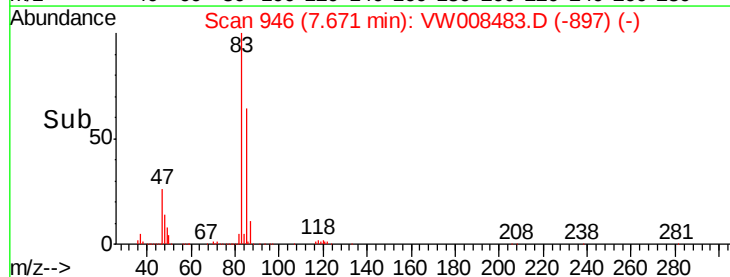
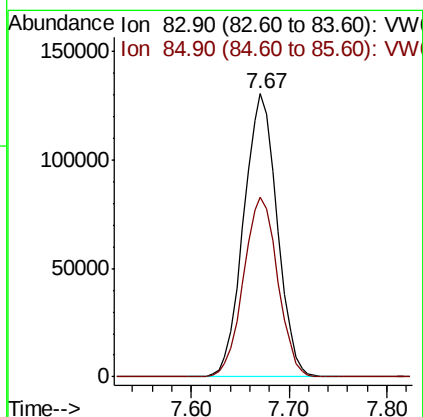
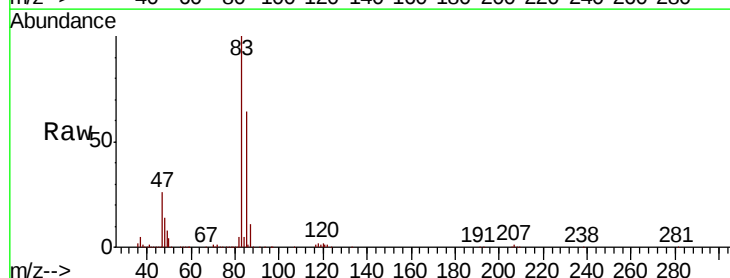
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

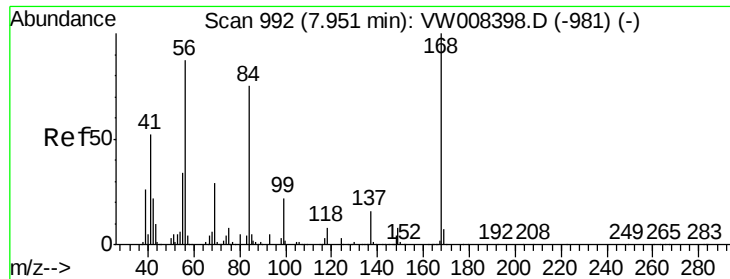
Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.5	31.9	47.9
71	40.0	29.9	44.9



#30
Chloroform
Concen: 56.772 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.9	76.3

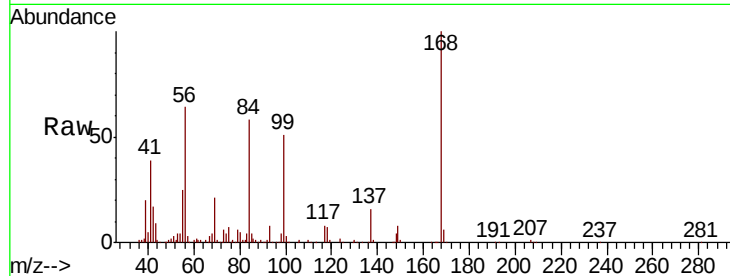




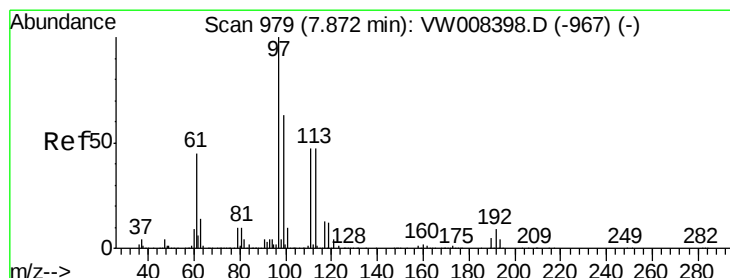
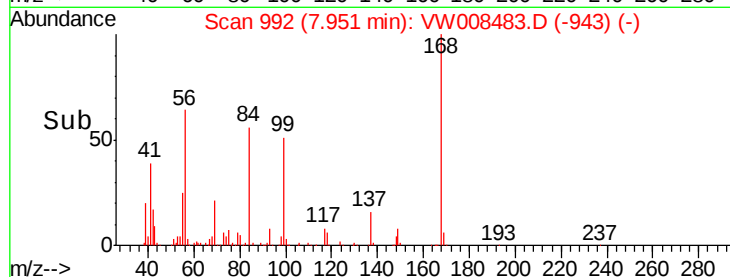
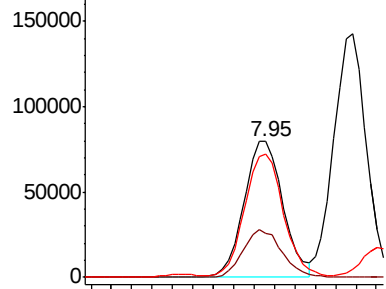
#31
Cyclohexane
Concen: 36.651 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Tgt Ion: 56 Resp: 210448
Ion Ratio Lower Upper
56 100
69 32.1 26.4 39.6
84 89.7 69.1 103.7

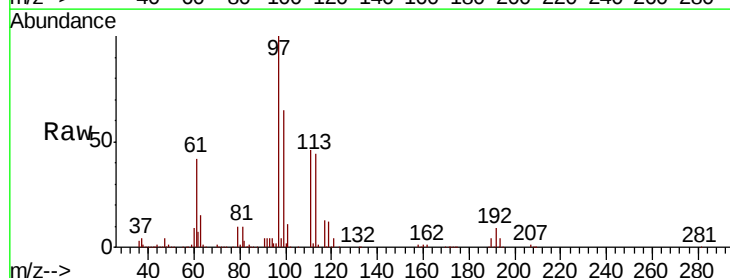


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

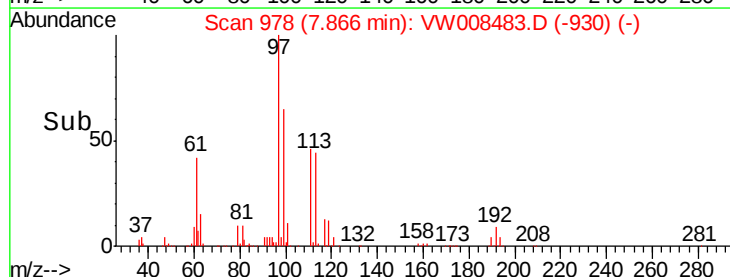
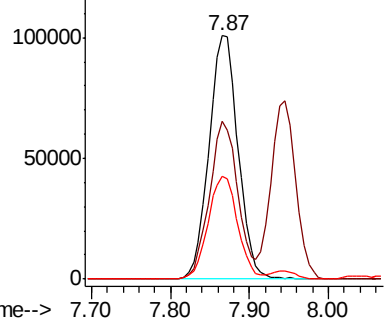


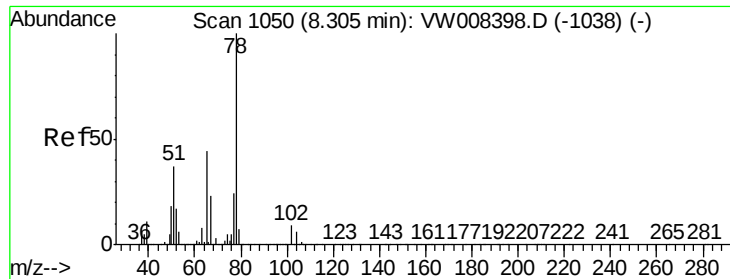
#32
1,1,1-Trichloroethane
Concen: 54.729 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 97 Resp: 258190
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 43.1 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

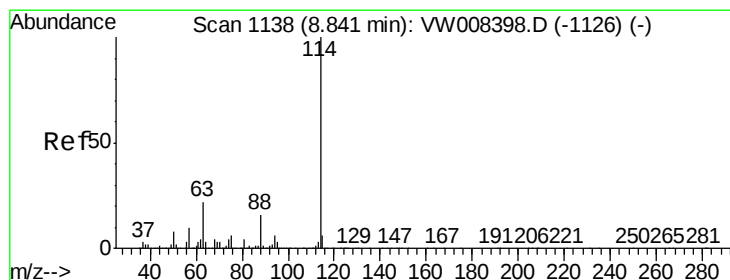
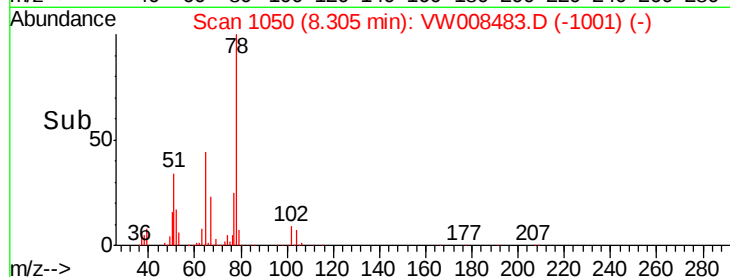
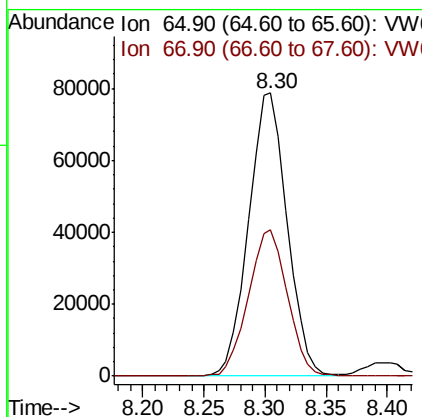
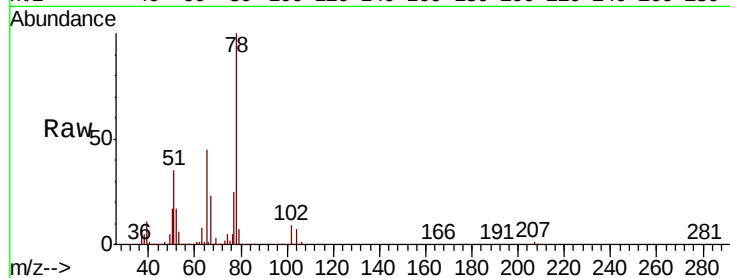




#33
 1,2-Dichloroethane-d4
 Concen: 59.043 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

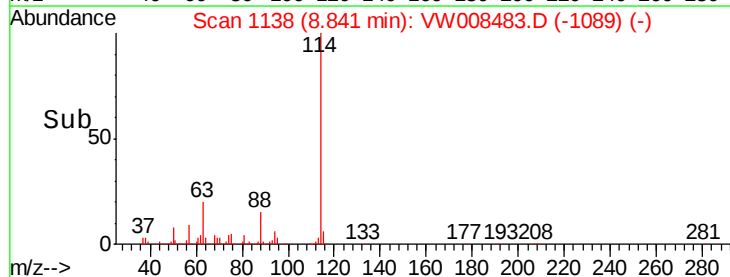
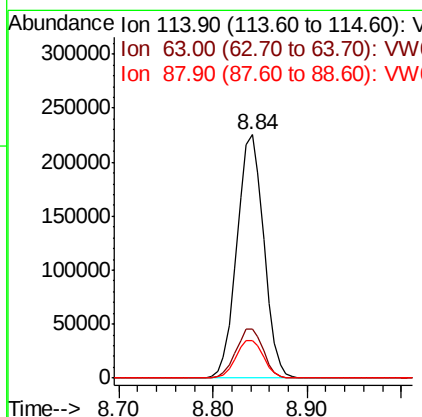
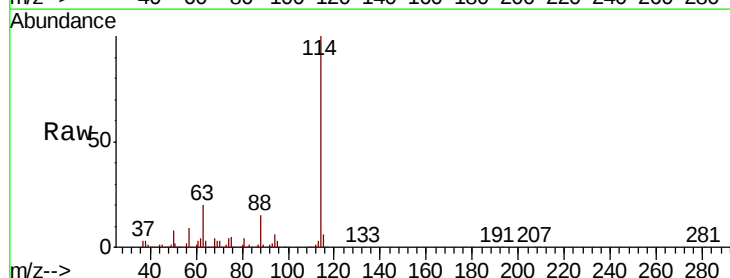
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

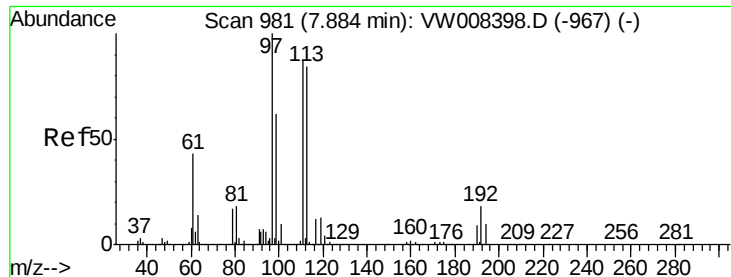
Tgt Ion: 65 Resp: 172744
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion: 114 Resp: 448530
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.6
 88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 61.315 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

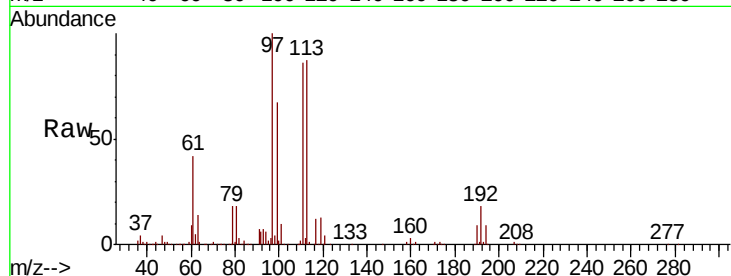
Tgt Ion:113 Resp: 160811

Ion Ratio Lower Upper

113 100

111 104.2 81.0 121.4

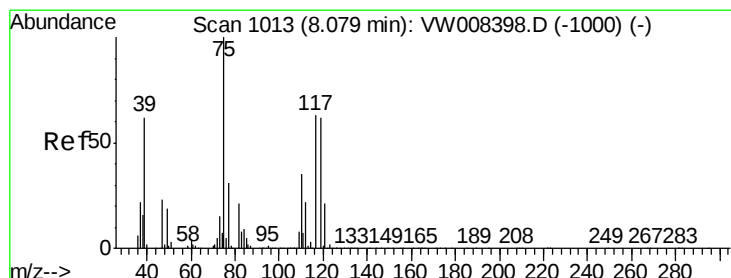
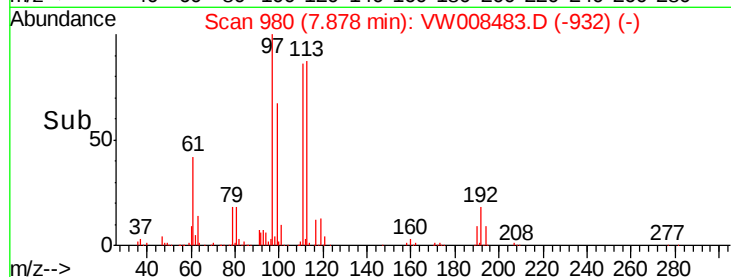
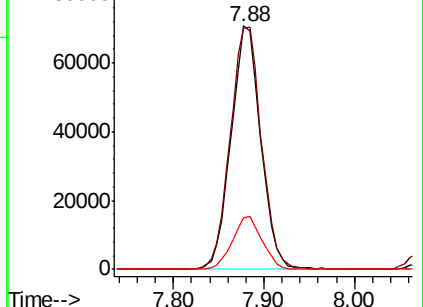
192 21.7 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.044 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

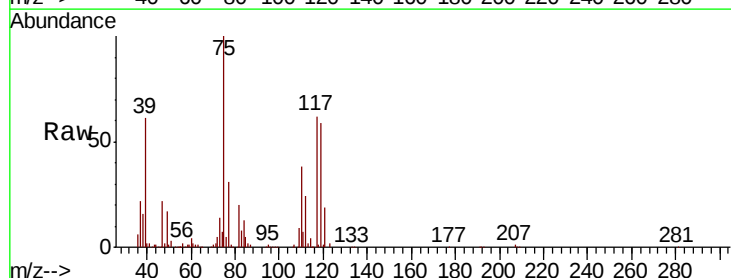
Tgt Ion: 75 Resp: 212029

Ion Ratio Lower Upper

75 100

110 36.9 17.3 52.0

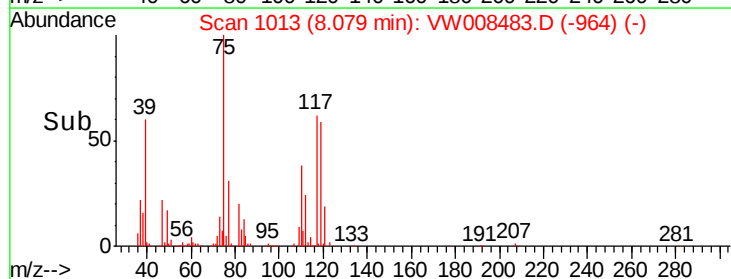
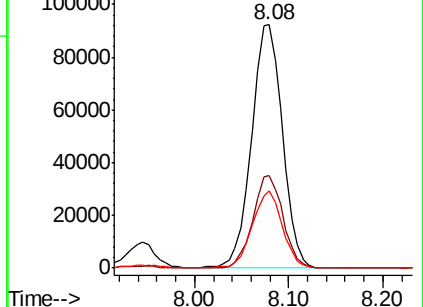
77 30.6 24.7 37.1

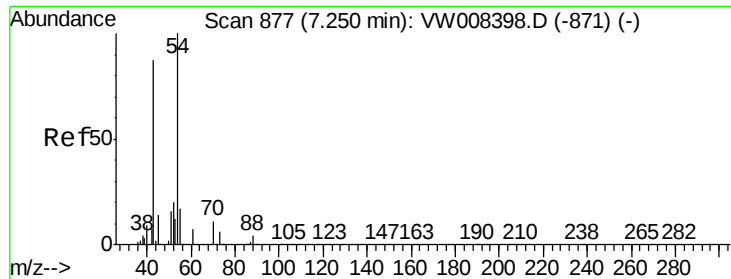


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

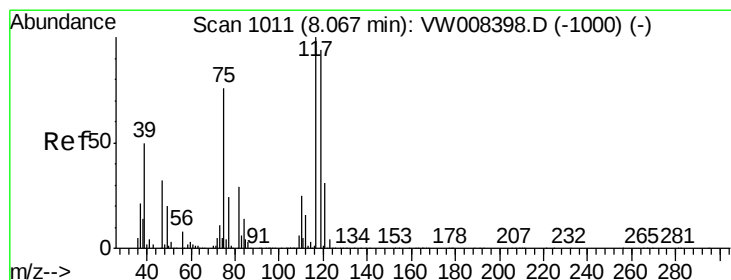
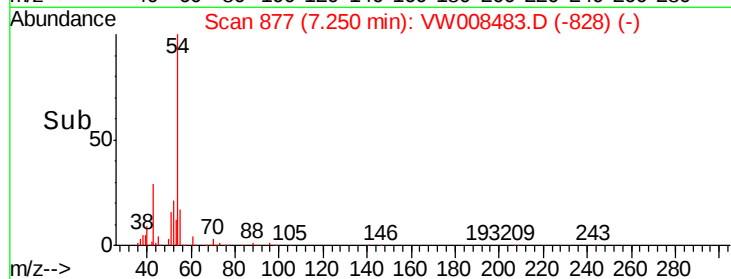
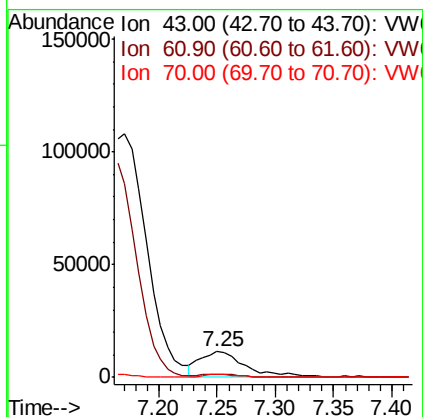
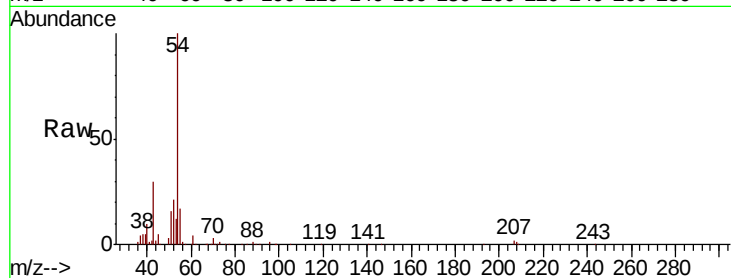




#37
Ethyl Acetate
Concen: 15.719 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

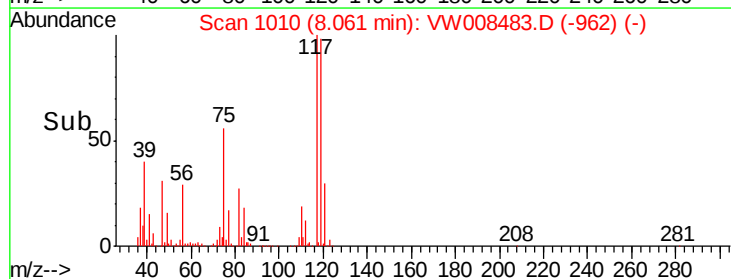
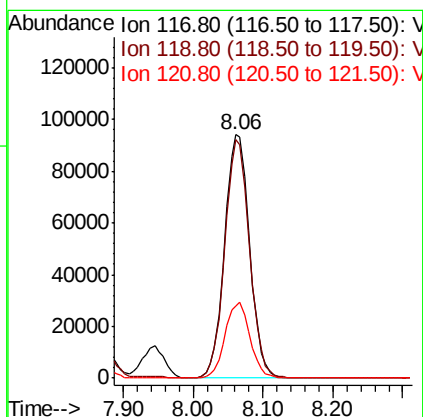
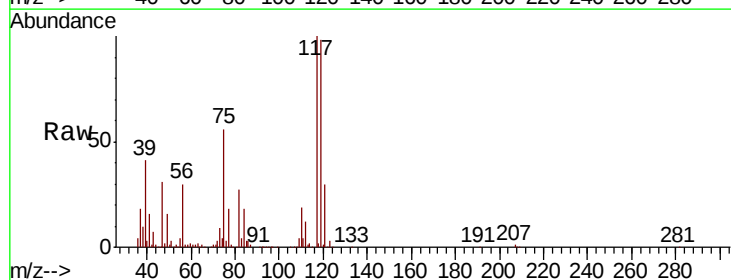
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

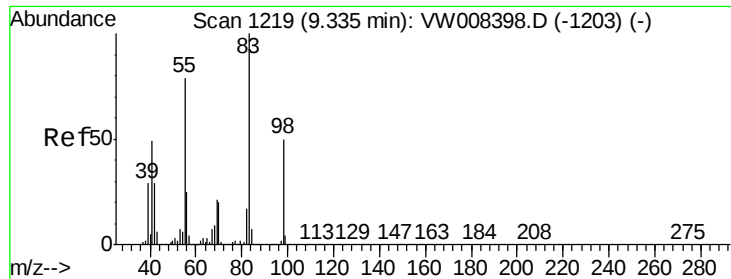
Tgt Ion: 43 Resp: 29466
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 10.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 54.858 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 117 Resp: 233889
Ion Ratio Lower Upper
117 100
119 97.7 75.0 112.4
121 29.8 24.9 37.3

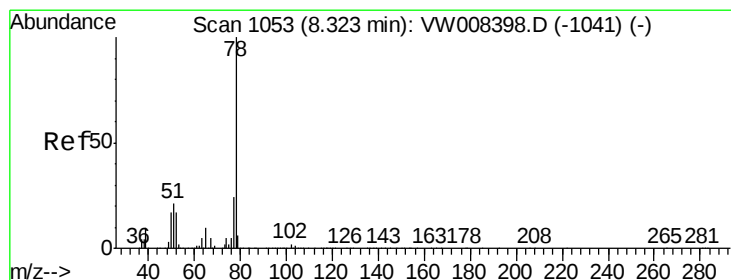
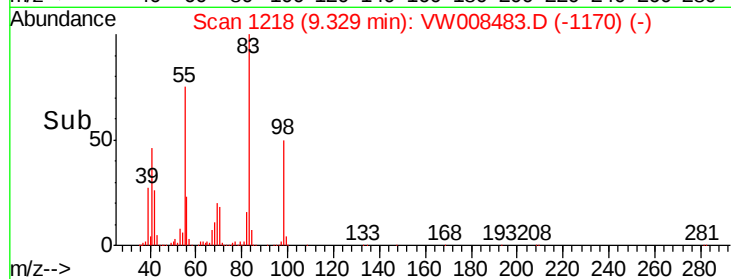
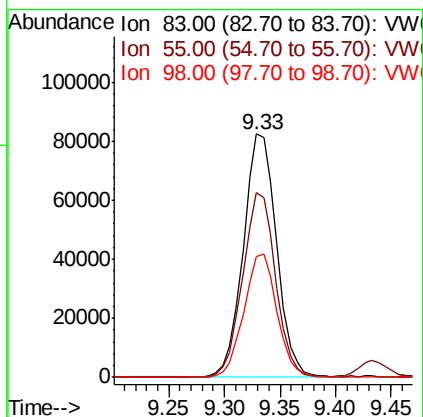
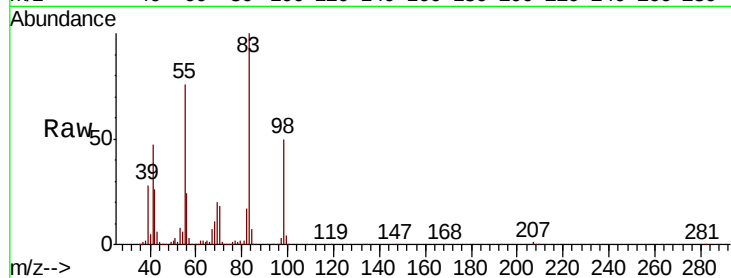




#39
Methylcyclohexane
Concen: 30.899 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

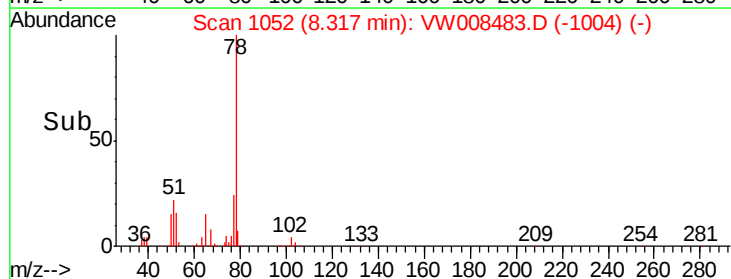
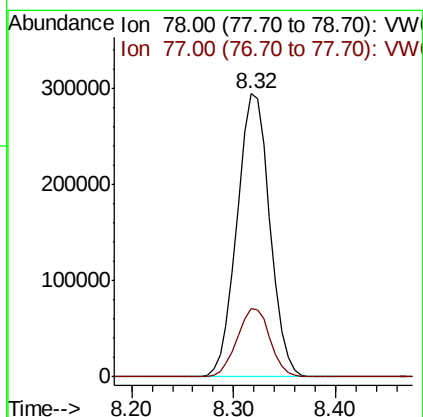
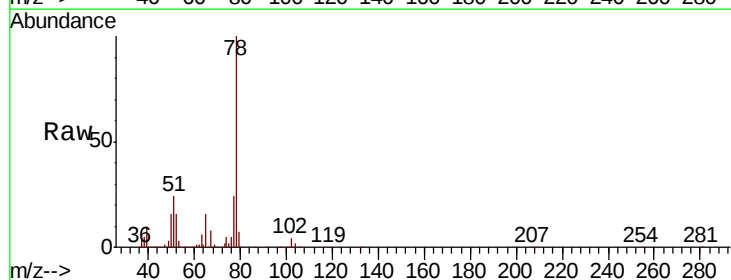
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

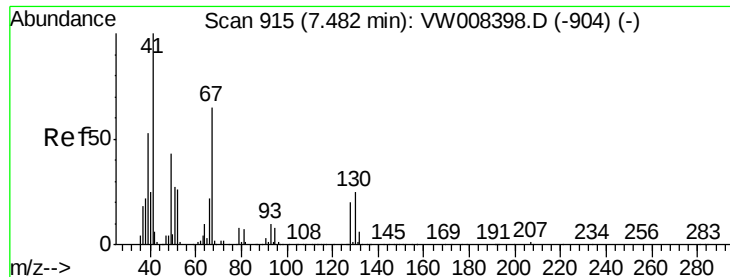
Tgt Ion: 83 Resp: 171982
Ion Ratio Lower Upper
83 100
55 75.7 63.3 94.9
98 49.5 39.7 59.5



#40
Benzene
Concen: 55.799 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 78 Resp: 656012
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.6

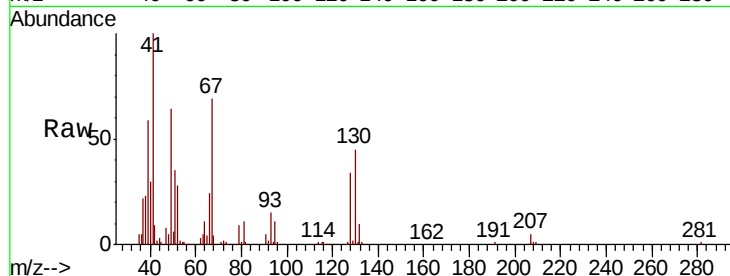




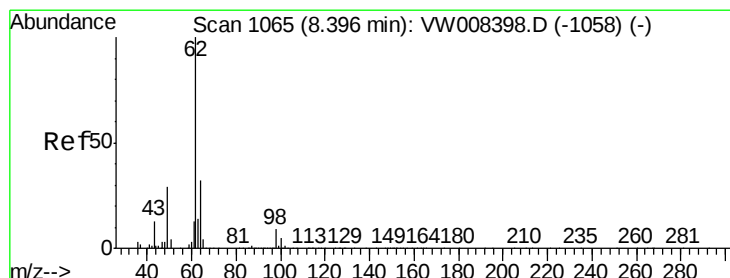
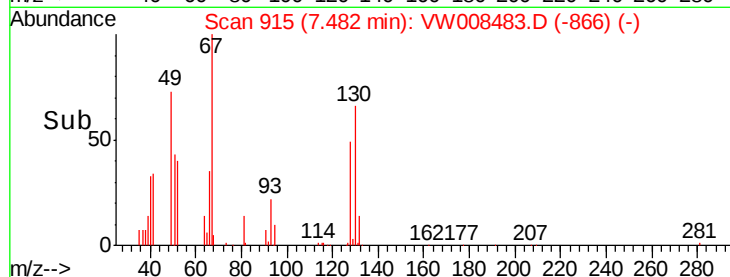
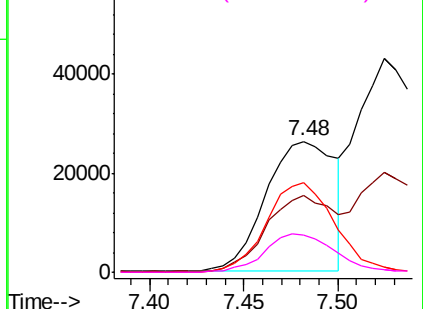
#41
Methacrylonitrile
Concen: 60.095 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Tgt Ion:	41	Resp:	66701
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.4	65.0
67	69.2	54.2	81.2
52	30.1	22.9	34.3

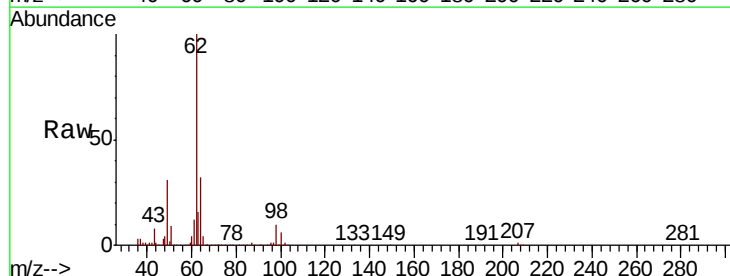


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

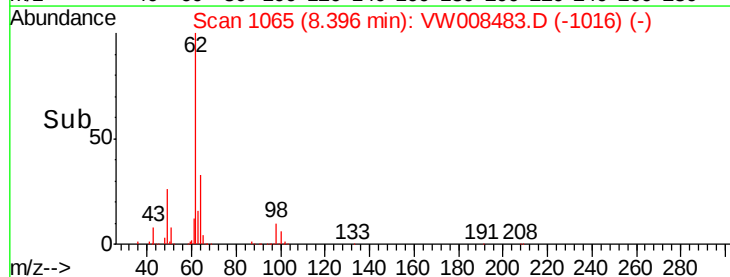
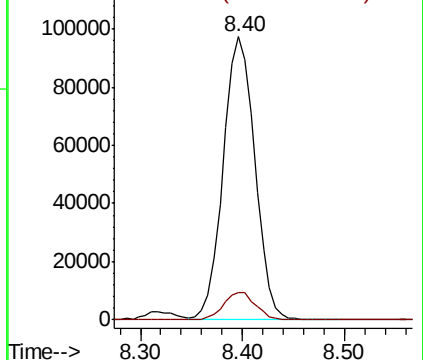


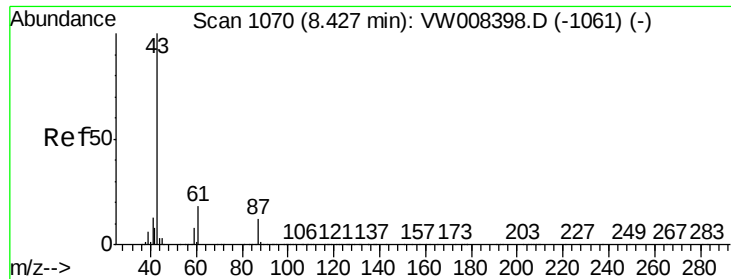
#42
1,2-Dichloroethane
Concen: 61.322 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion:	62	Resp:	208927
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 30.059 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

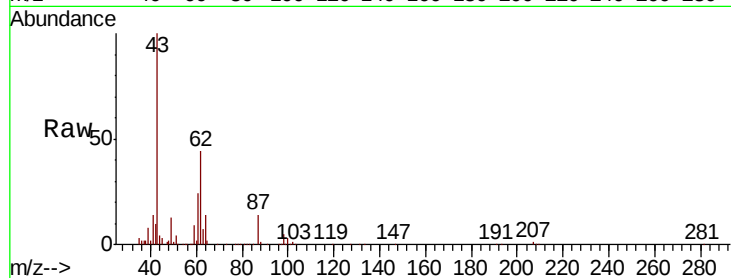
Tgt Ion: 43 Resp: 117062

Ion Ratio Lower Upper

43 100

61 37.6 22.0 33.0#

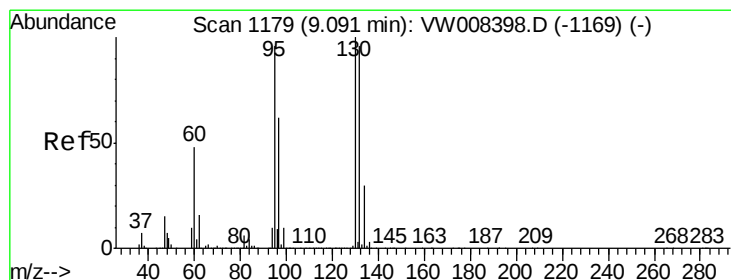
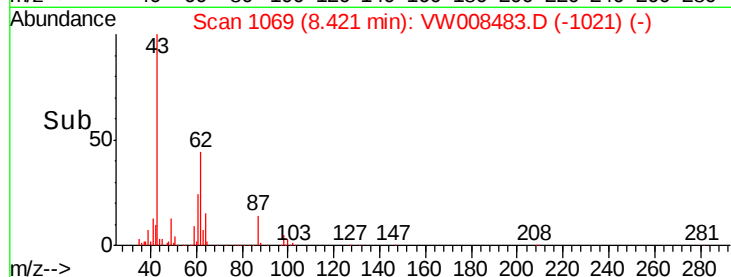
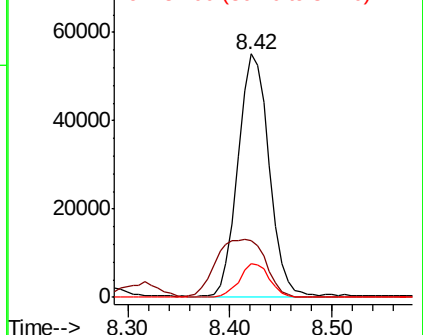
87 13.4 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 52.980 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008483.D

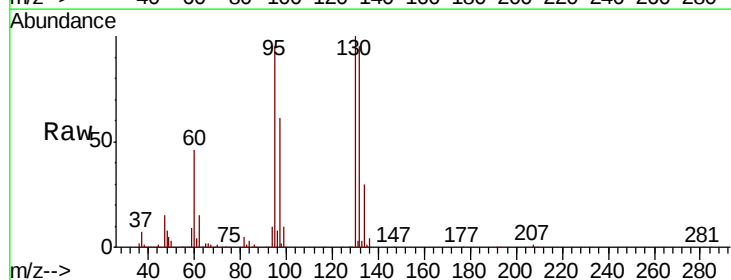
Acq: 01 Feb 2019 15:56

Tgt Ion: 130 Resp: 169381

Ion Ratio Lower Upper

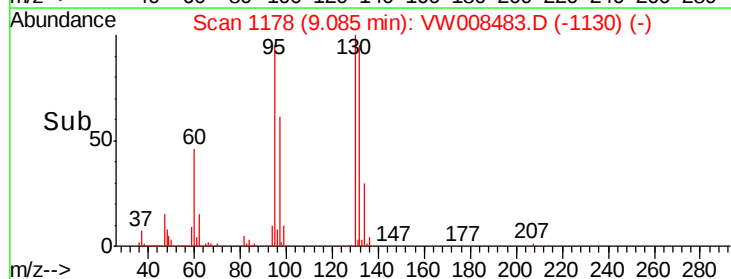
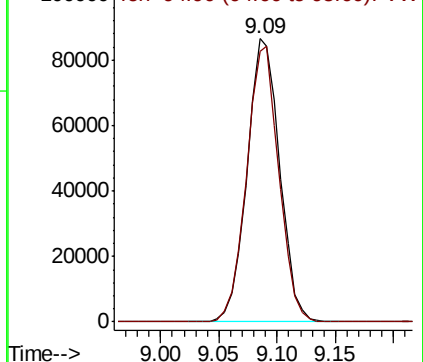
130 100

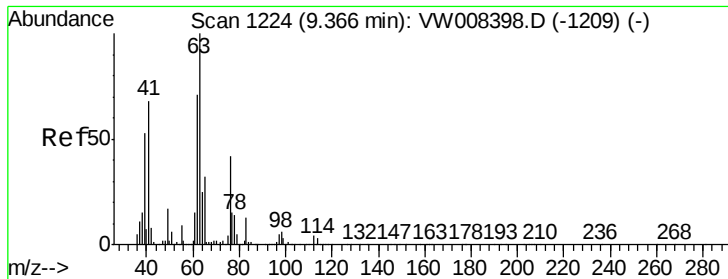
95 95.5 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

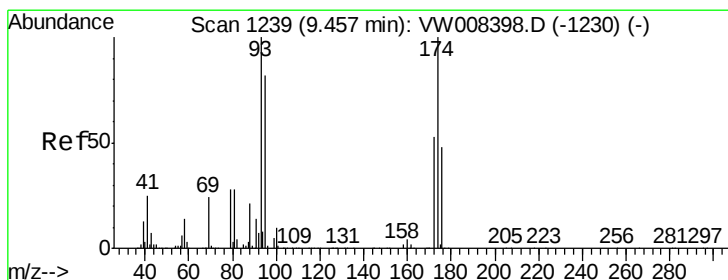
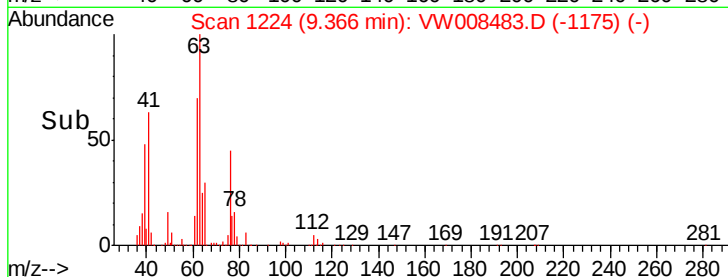
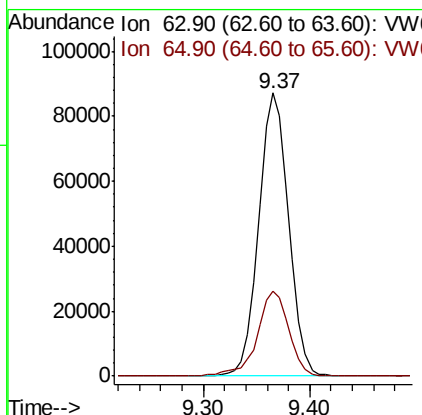
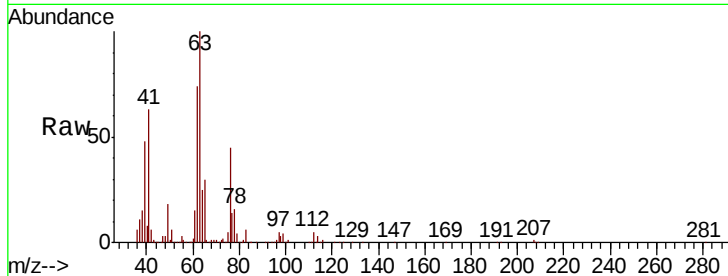




#45
 1,2-Dichloropropane
 Concen: 58.510 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

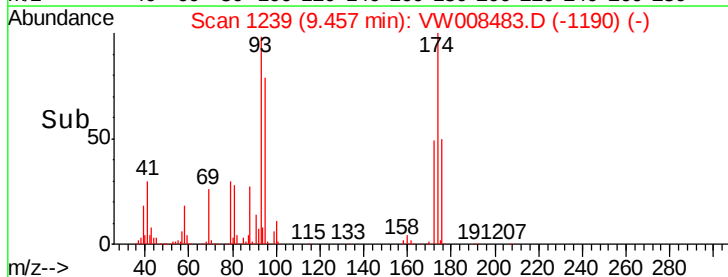
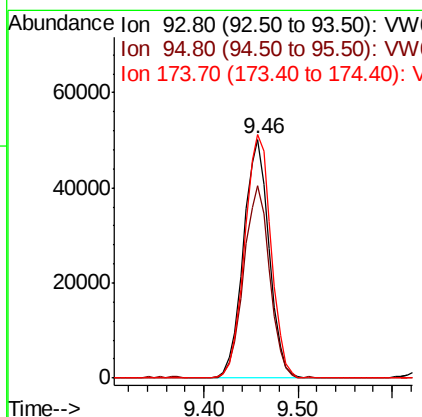
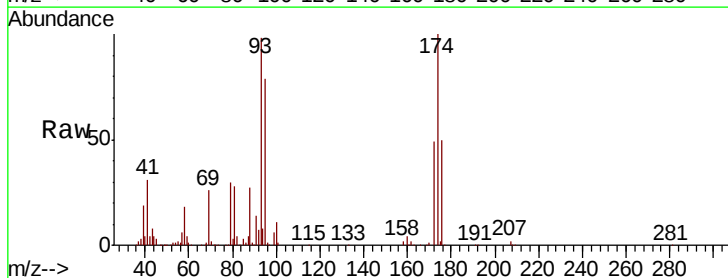
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

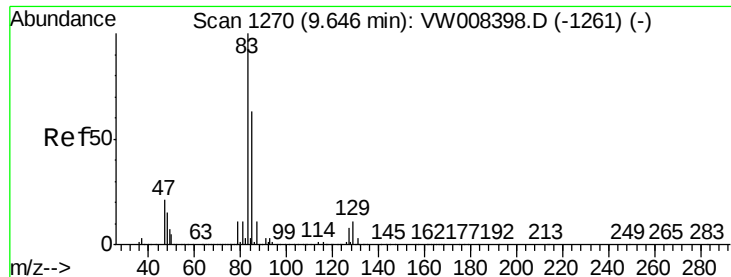
Tgt Ion: 63 Resp: 171516
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.2 37.8



#46
 Dibromomethane
 Concen: 63.527 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion: 93 Resp: 95782
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.9 98.9
 174 104.8 81.0 121.6





#47

Bromodichloromethane

Concen: 59.124 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

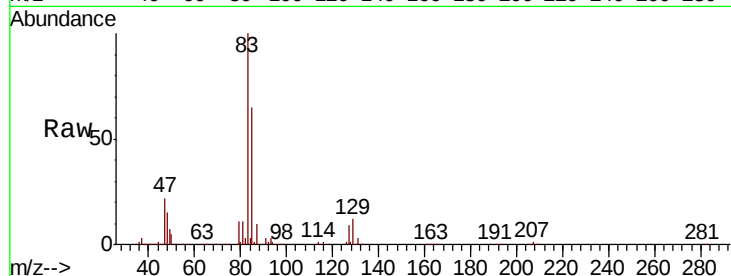
Tgt Ion: 83 Resp: 235787

Ion Ratio Lower Upper

83 100

85 65.5 50.8 76.2

127 9.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW

150000

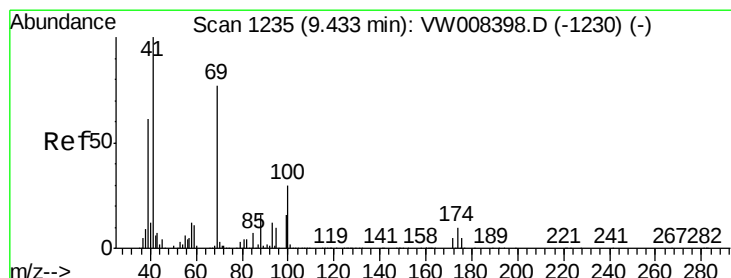
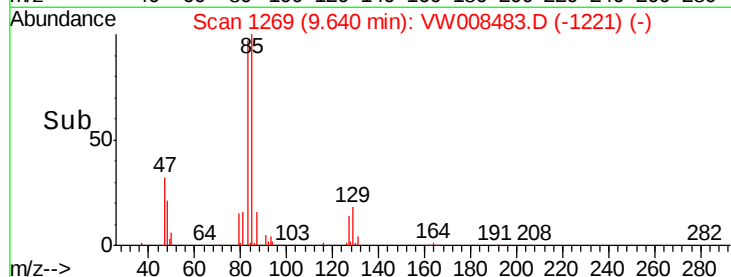
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#48

Methyl methacrylate

Concen: 85.779 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

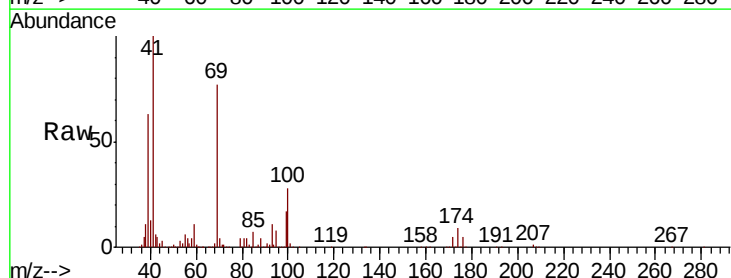
Tgt Ion: 41 Resp: 163340

Ion Ratio Lower Upper

41 100

69 78.7 64.8 97.2

39 61.7 49.1 73.7



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

120000

100000

80000

60000

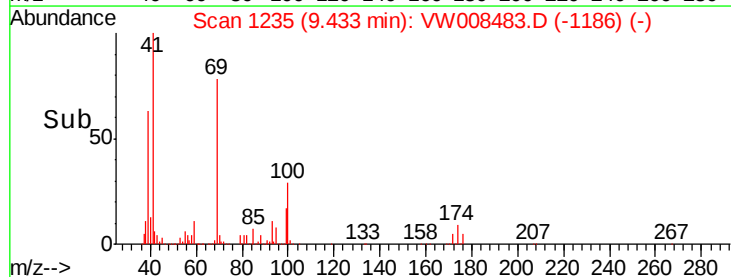
40000

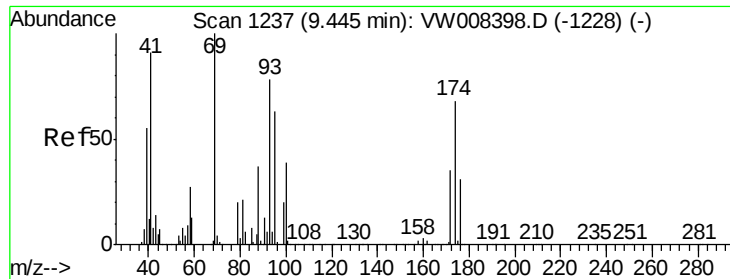
20000

0

9.40 9.45 9.50

Time-->

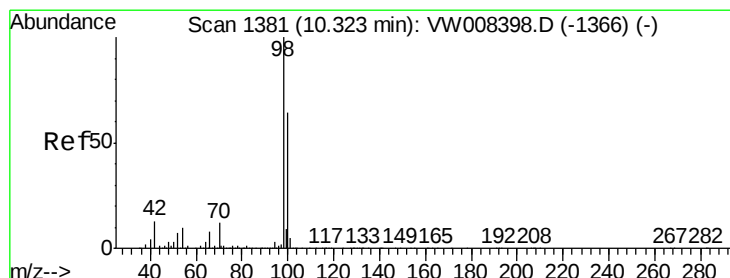
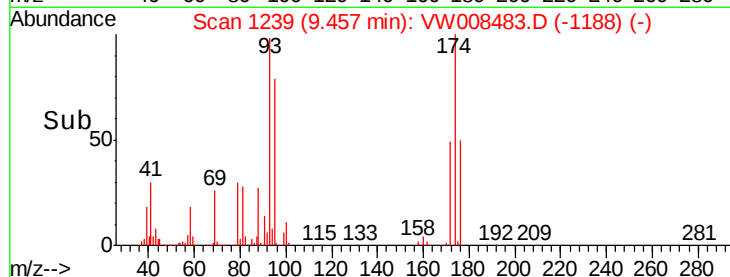
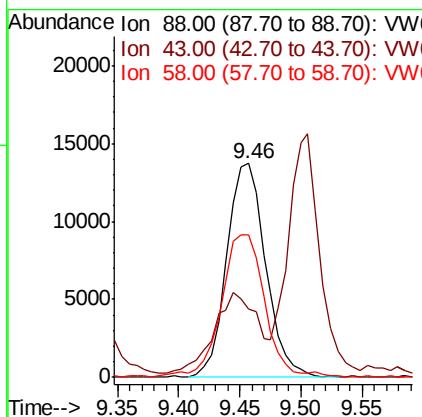
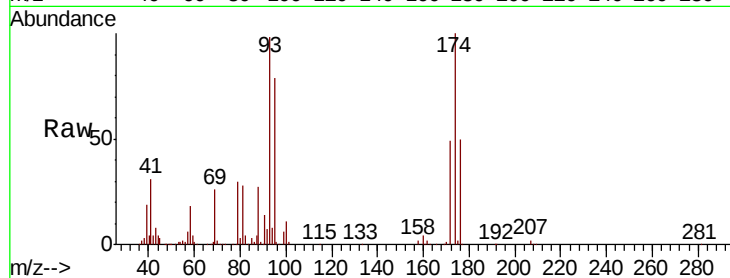




#49
1,4-Dioxane
Concen: 1186.565 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

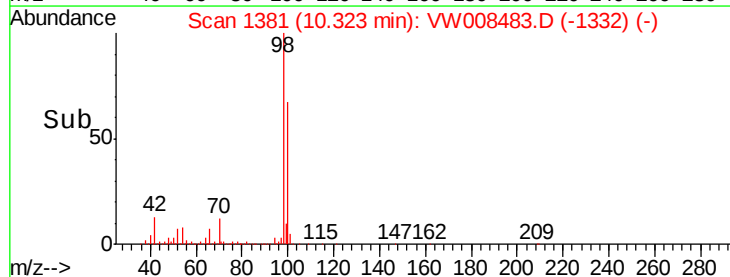
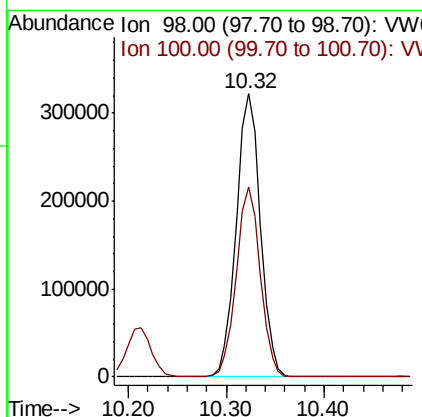
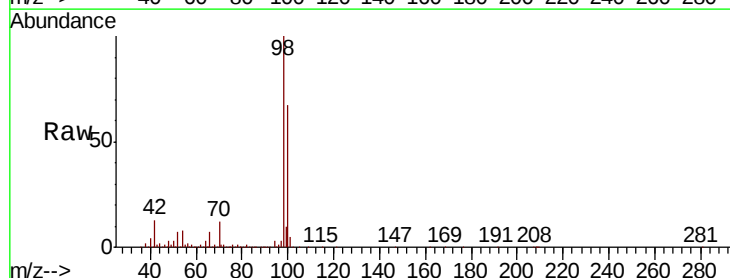
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

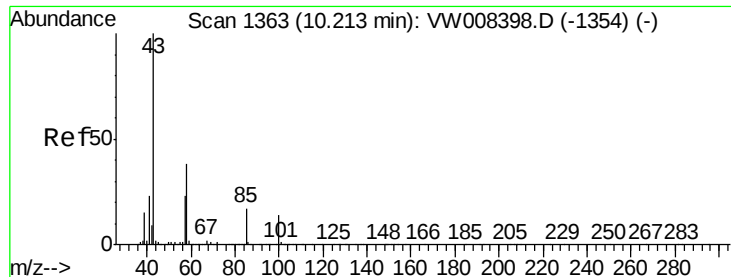
Tgt Ion: 88 Resp: 30240
Ion Ratio Lower Upper
88 100
43 44.7 29.0 43.4#
58 73.4 56.4 84.6



#50
Toluene-d8
Concen: 52.422 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 98 Resp: 551336
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

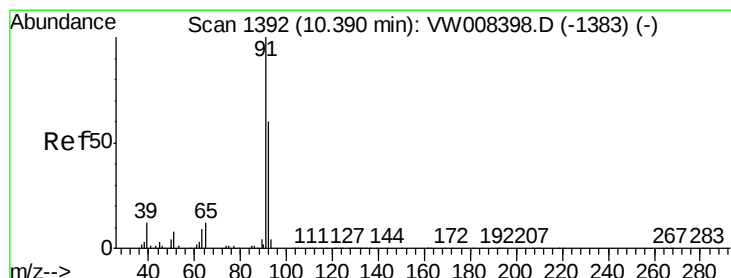
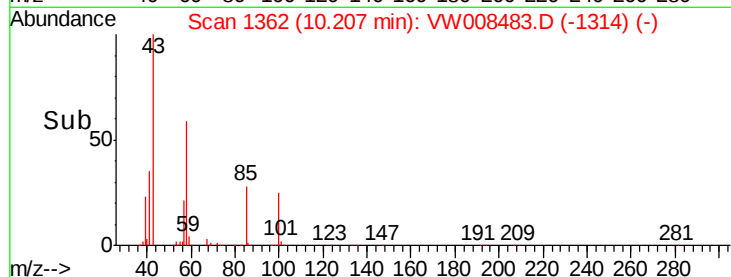
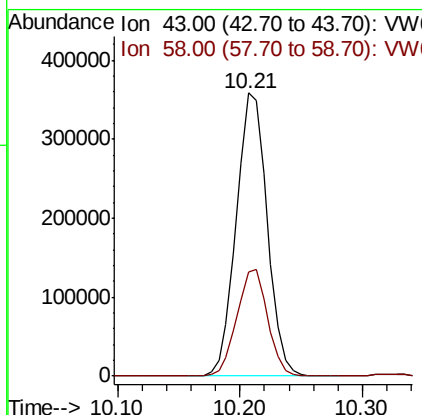
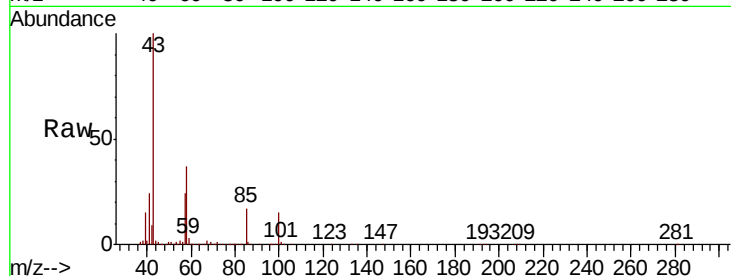




#51
 4-Methyl-2-Pentanone
 Concen: 325.912 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

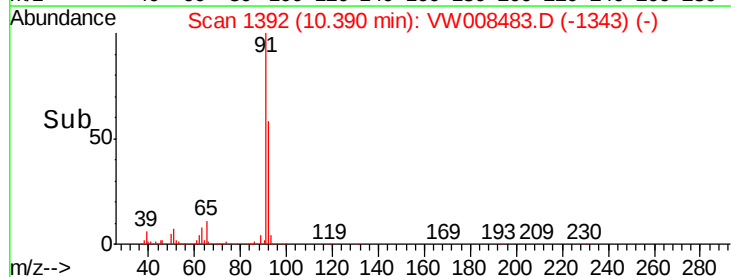
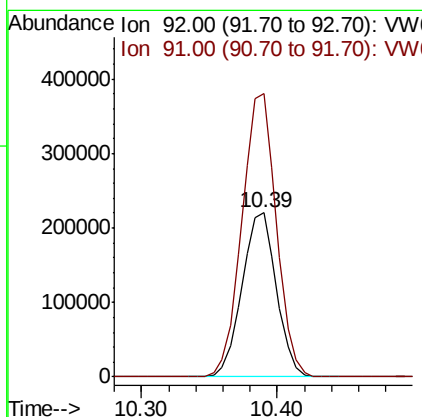
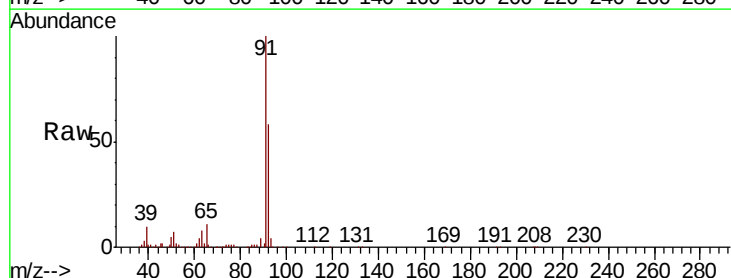
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

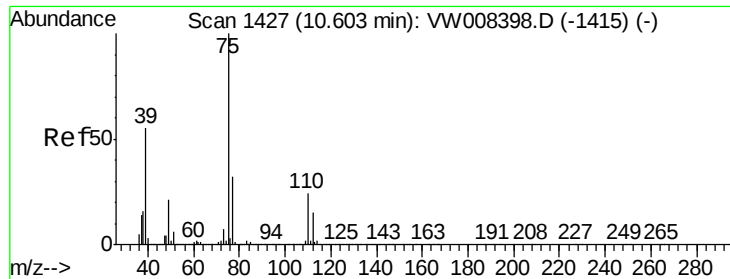
Tgt Ion: 43 Resp: 627031
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.7 44.5



#52
 Toluene
 Concen: 50.273 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion: 92 Resp: 390161
 Ion Ratio Lower Upper
 92 100
 91 172.7 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 53.513 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

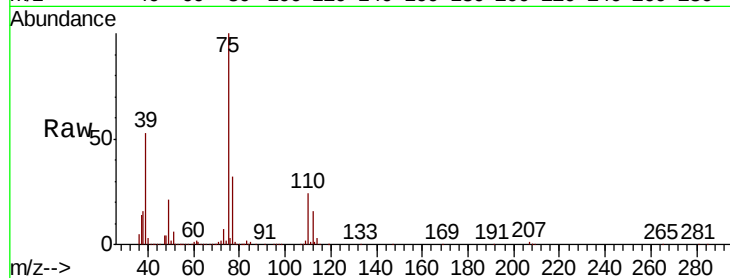
A0C17-SS1MSD

Tgt Ion: 75 Resp: 227084

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

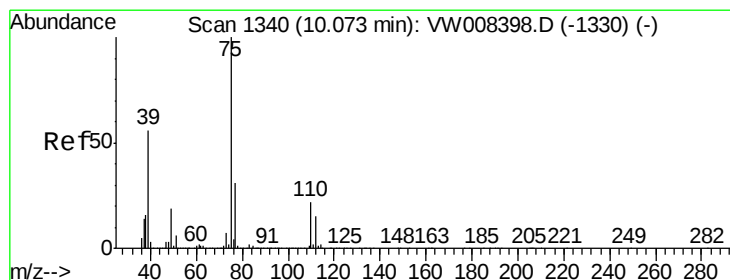
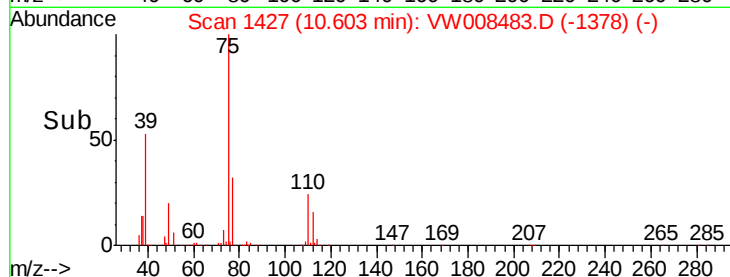
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.264 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

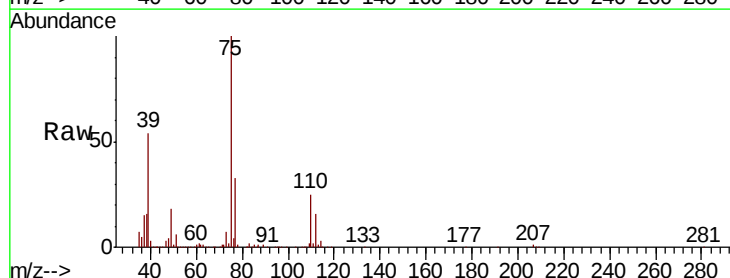
Tgt Ion: 75 Resp: 256503

Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.4

39 54.2 44.9 67.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

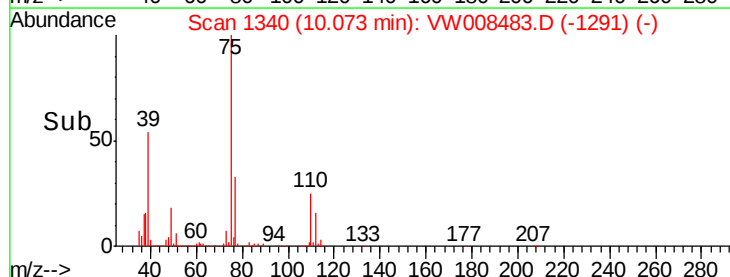
150000

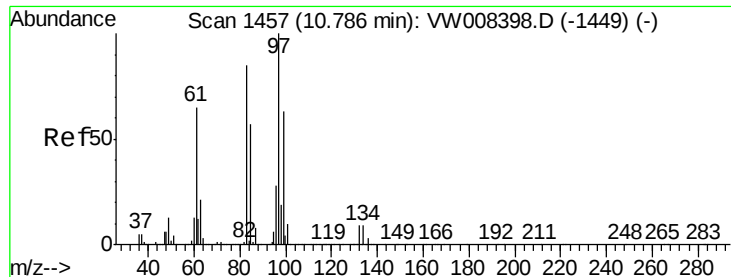
100000

50000

0

Time-->

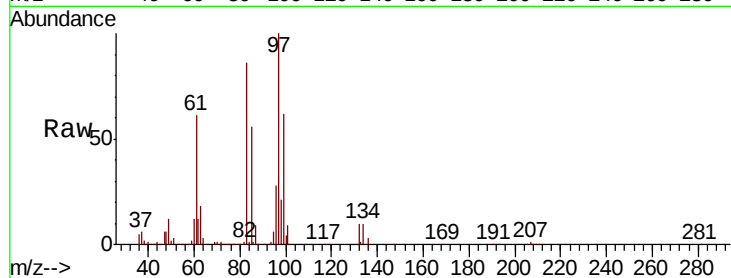




#55
 1,1,2-Trichloroethane
 Concen: 63.366 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

Tgt Ion:	97	Resp:	132518
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.4	102.6
85	55.7	45.3	67.9
99	61.7	50.6	76.0



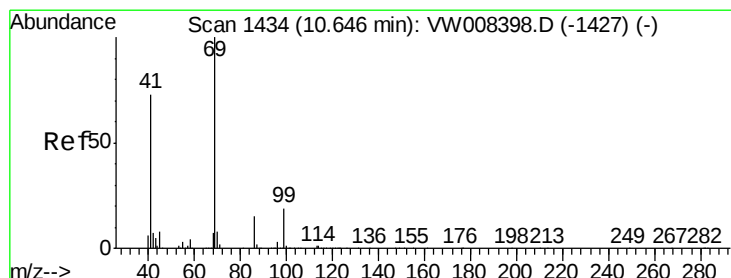
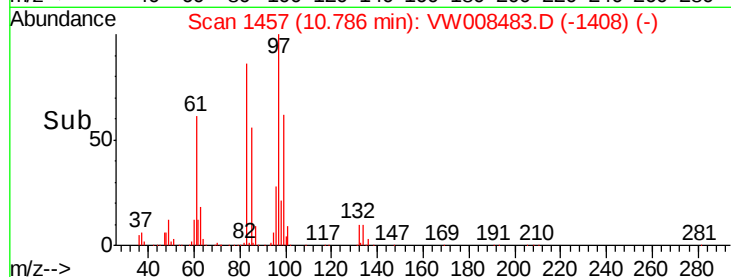
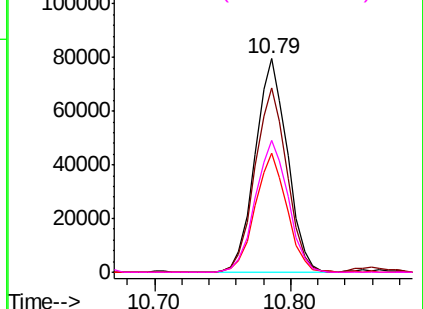
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

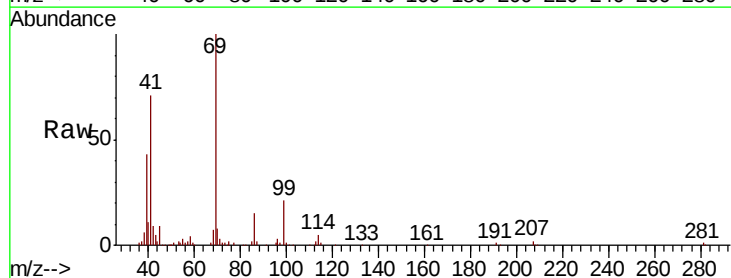
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 20.986 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion:	69	Resp:	61498
Ion	Ratio	Lower	Upper
69	100		
41	69.0	58.7	88.1
39	34.3	32.6	48.8

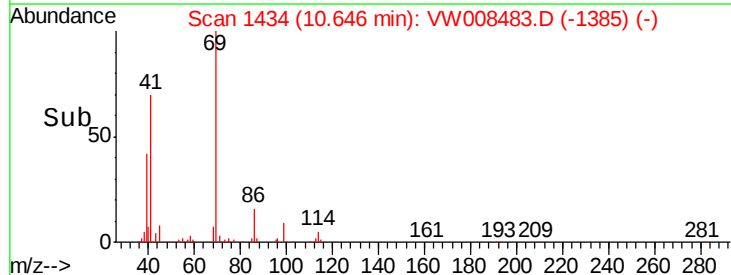
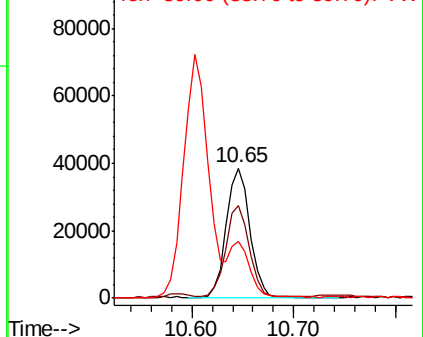


Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 60.829 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

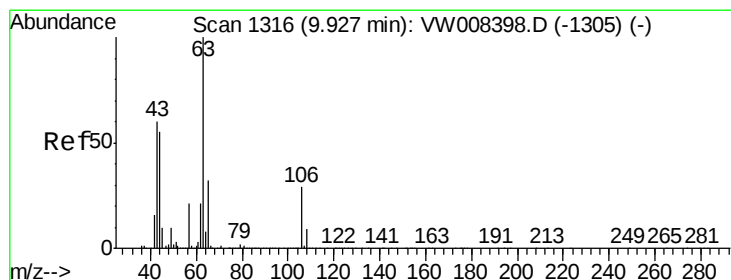
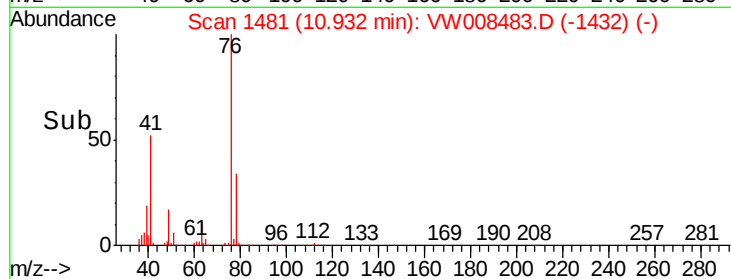
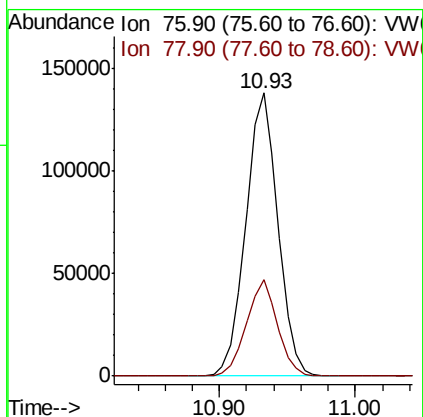
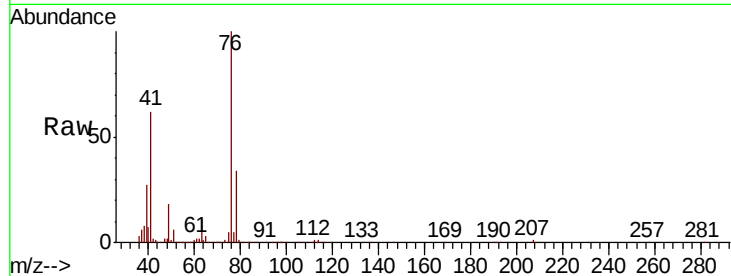
A0C17-SS1MSD

Tgt Ion: 76 Resp: 227903

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 312.886 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW008483.D

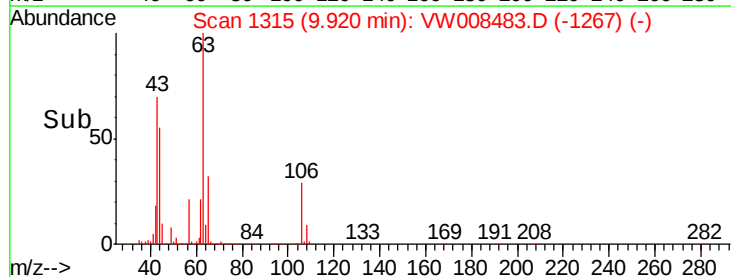
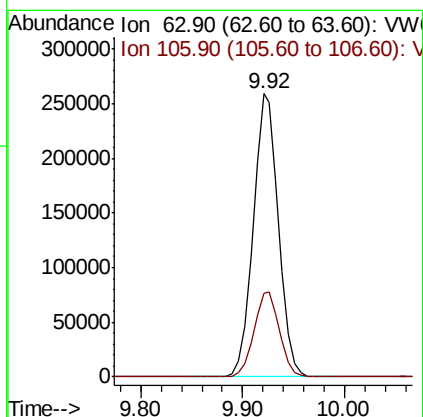
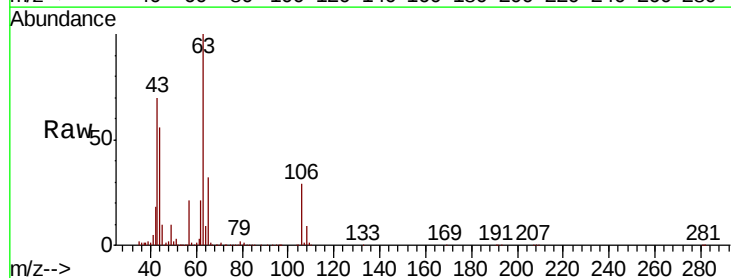
Acq: 01 Feb 2019 15:56

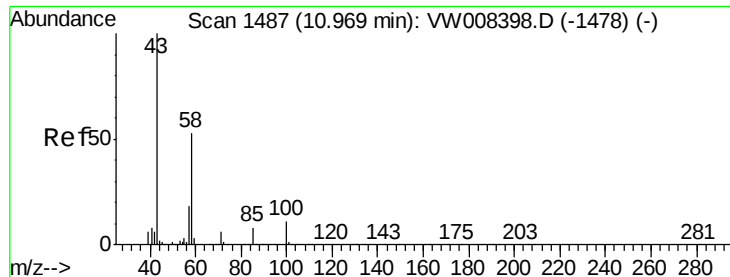
Tgt Ion: 63 Resp: 445483

Ion Ratio Lower Upper

63 100

106 30.3 22.4 33.6

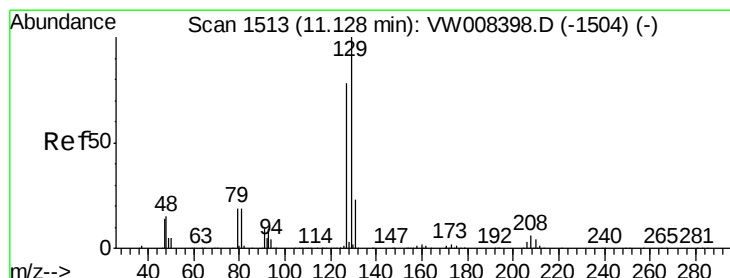
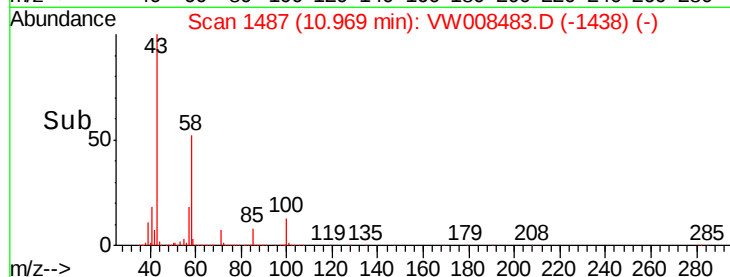
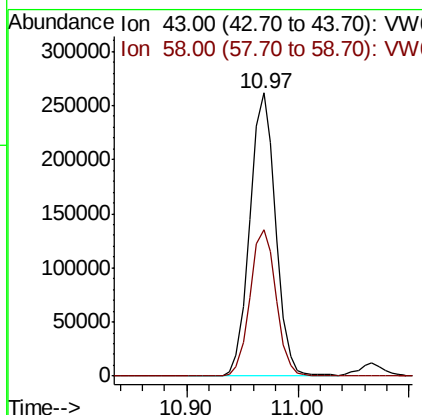
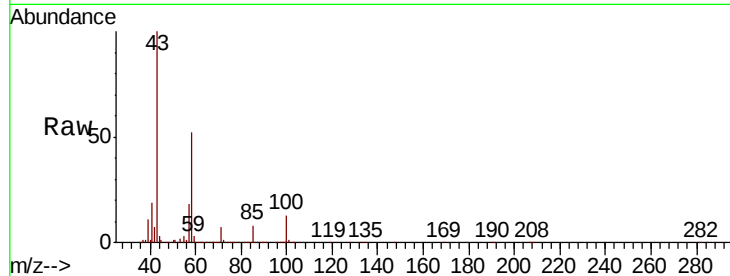




#59
2-Hexanone
Concen: 309.984 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

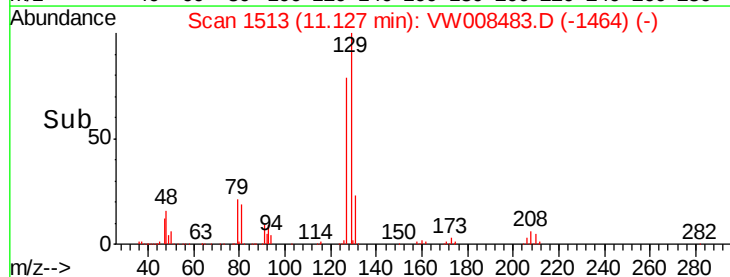
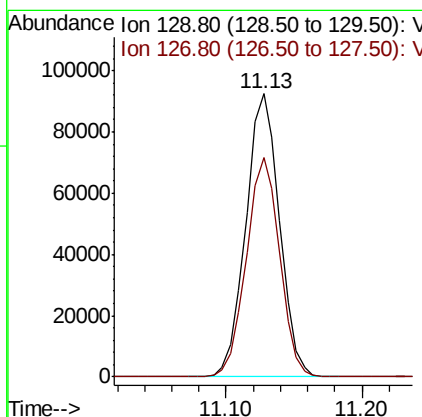
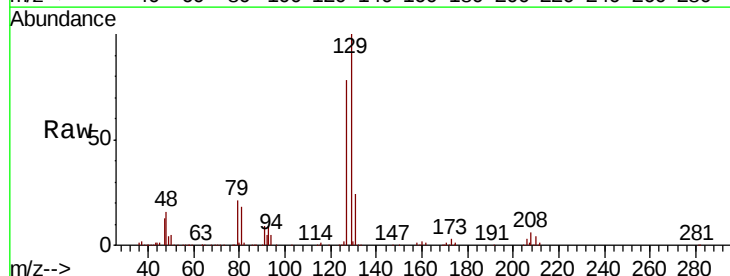
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Tgt Ion: 43 Resp: 421025
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.7



#60
Dibromochloromethane
Concen: 59.697 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 129 Resp: 160437
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

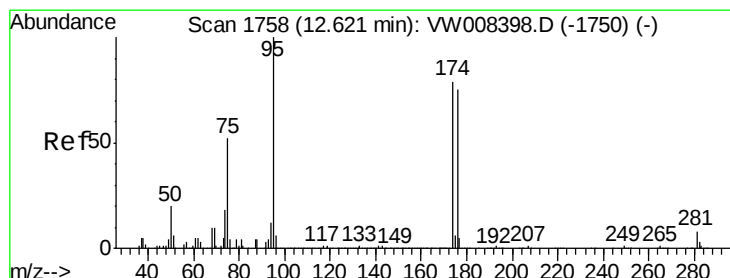
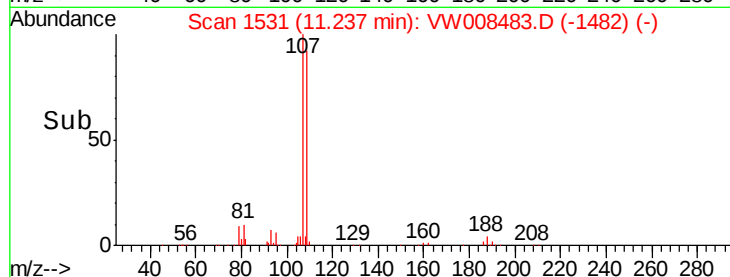
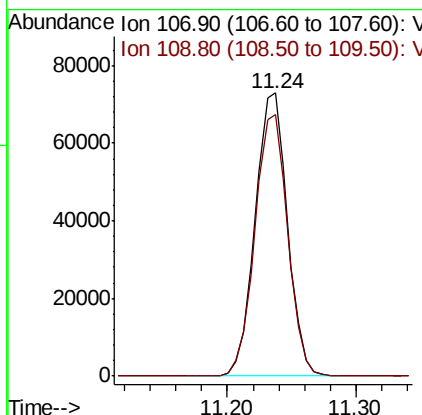
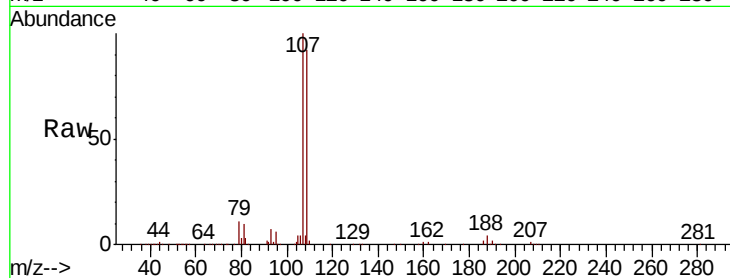




#61
 1,2-Dibromoethane
 Concen: 60.626 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

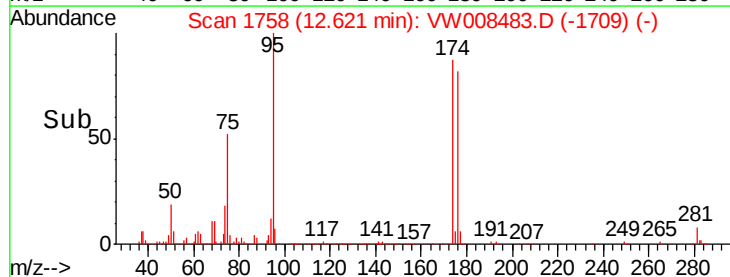
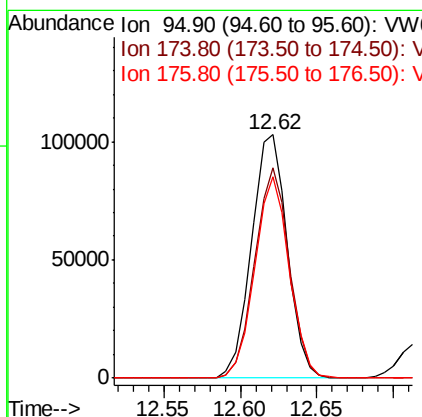
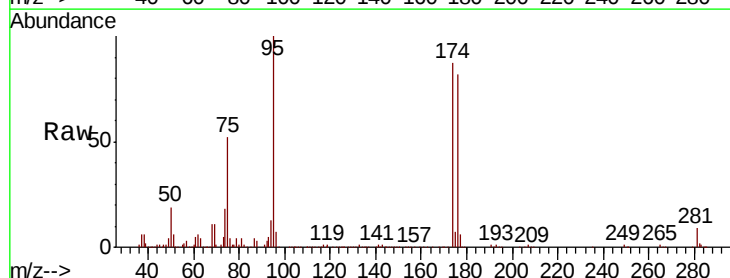
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

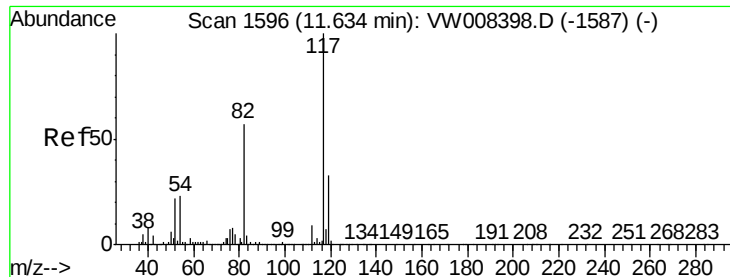
Tgt Ion: 107 Resp: 125715
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 41.298 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion: 95 Resp: 166954
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 157.6
 176 80.4 0.0 151.8

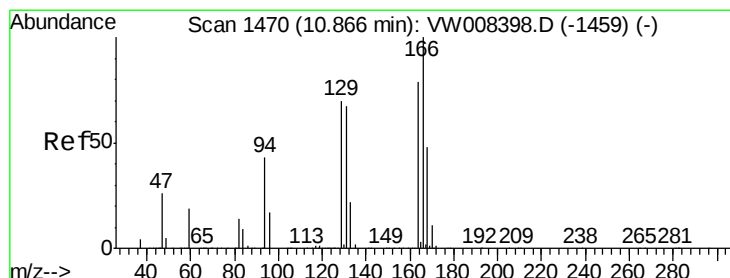
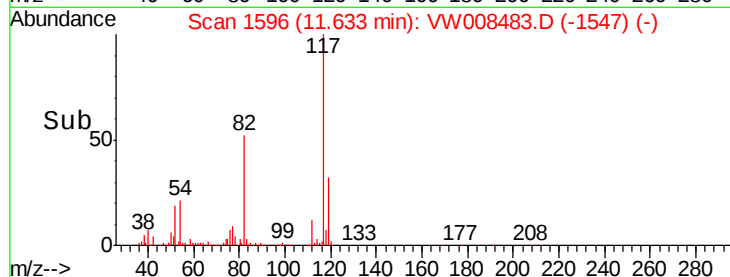
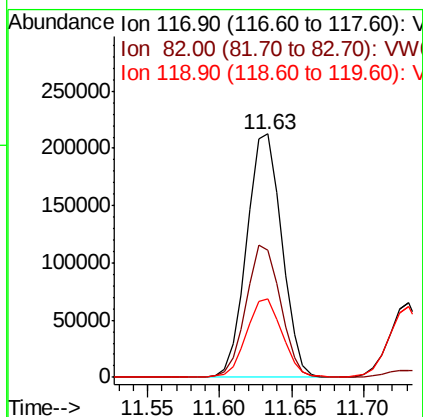
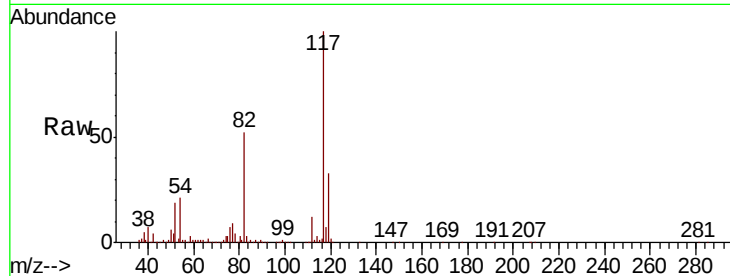




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

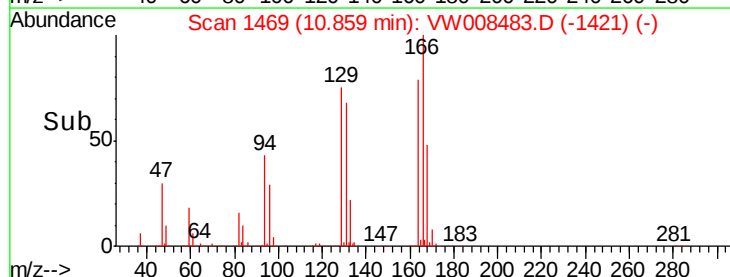
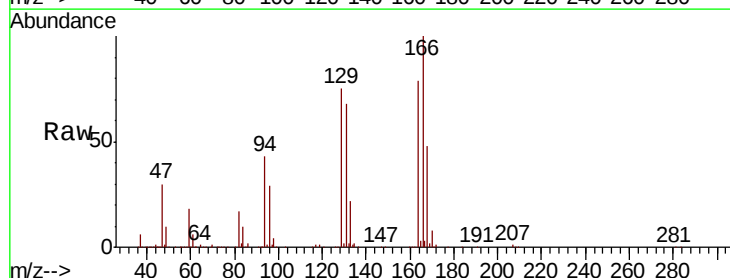
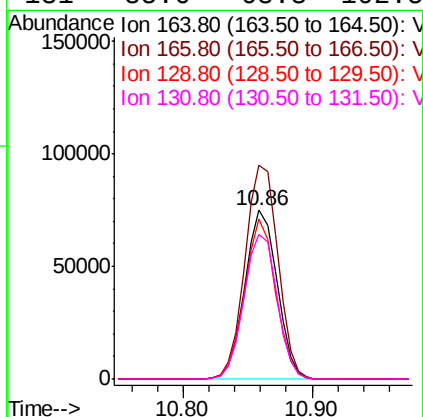
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

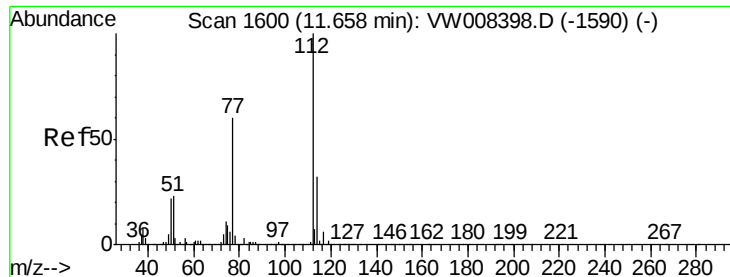
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	45.4	68.0
119	32.2	26.2	39.4



#64
Tetrachloroethene
Concen: 53.259 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.4	152.0
129	94.6	71.0	106.6
131	85.6	68.3	102.5

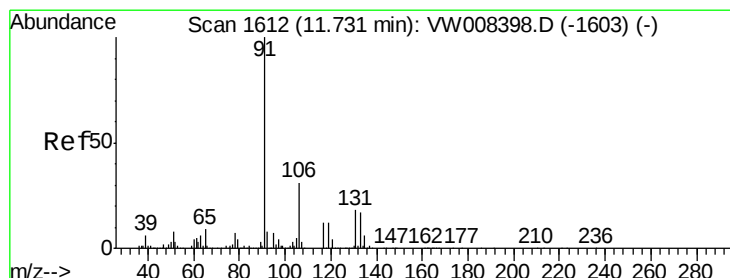
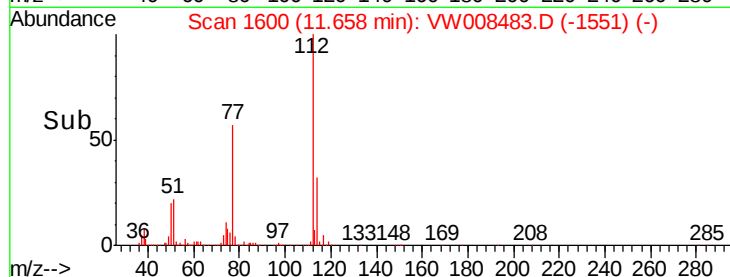
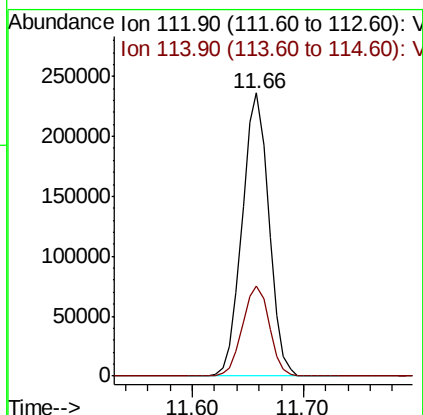
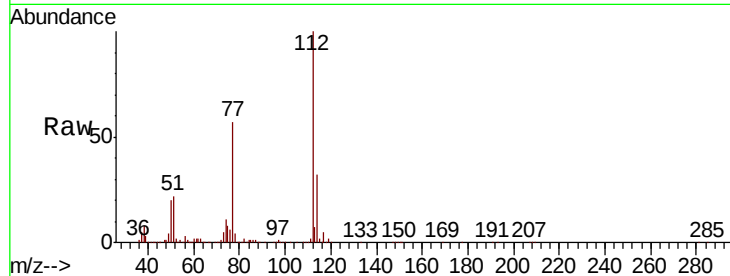




#65
Chlorobenzene
Concen: 53.695 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

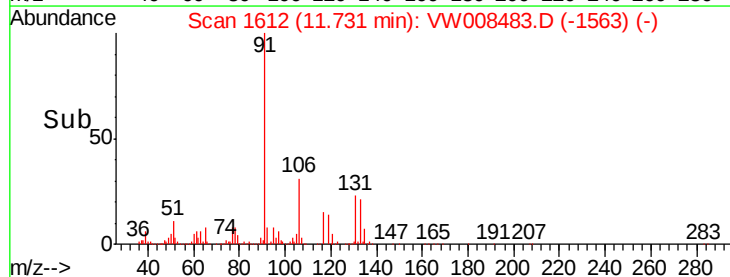
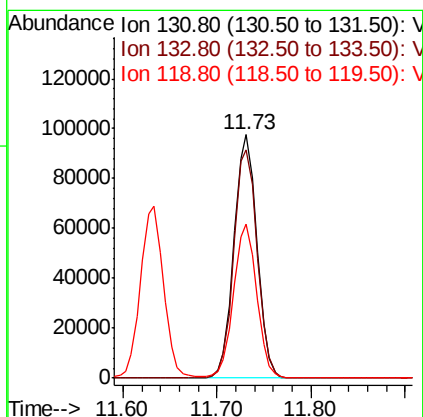
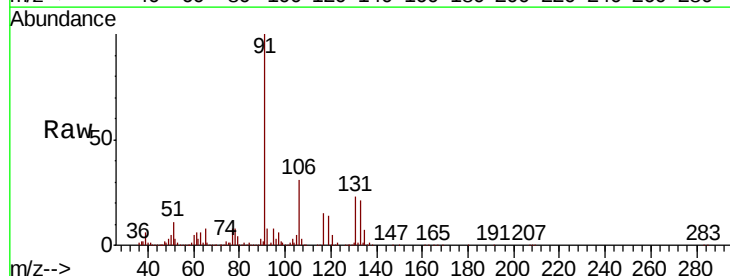
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

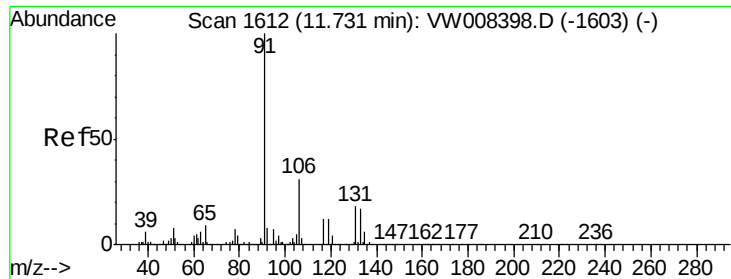
Tgt Ion:112 Resp: 392794
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 63.048 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion:131 Resp: 165012
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.2
119 63.8 32.1 96.3

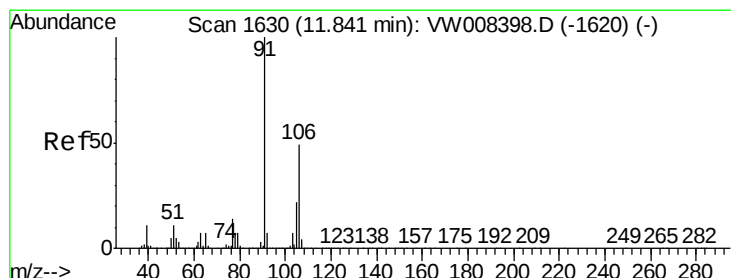
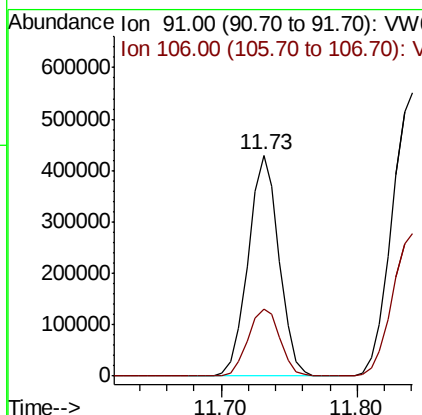
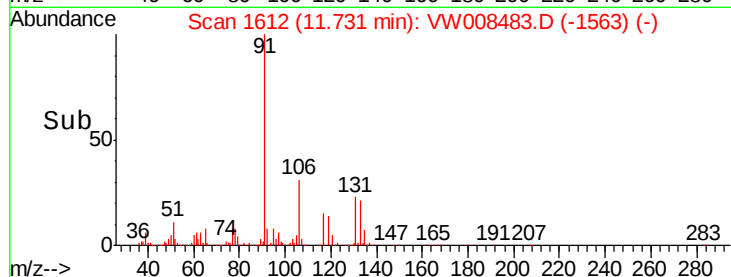
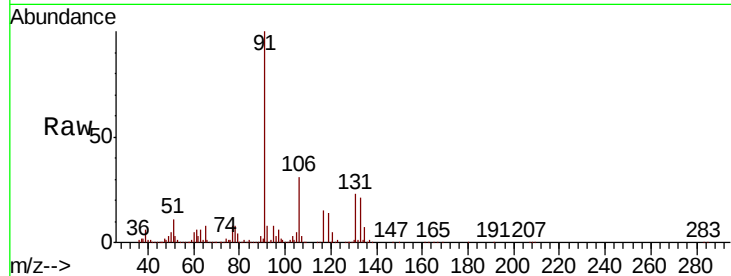




#67
Ethyl Benzene
Concen: 50.564 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

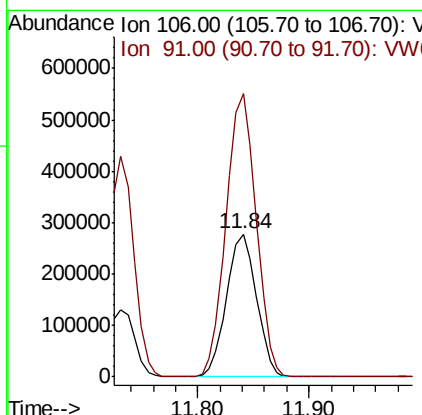
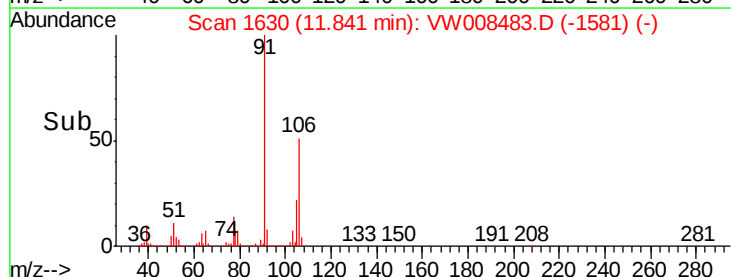
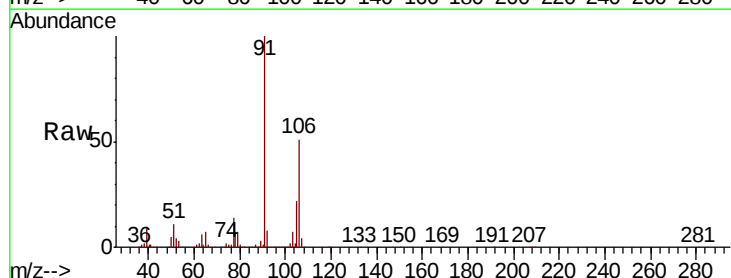
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Tgt Ion: 91 Resp: 679913
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1



#68
m/p-Xylenes
Concen: 99.247 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 106 Resp: 517794
Ion Ratio Lower Upper
106 100
91 199.4 162.9 244.3

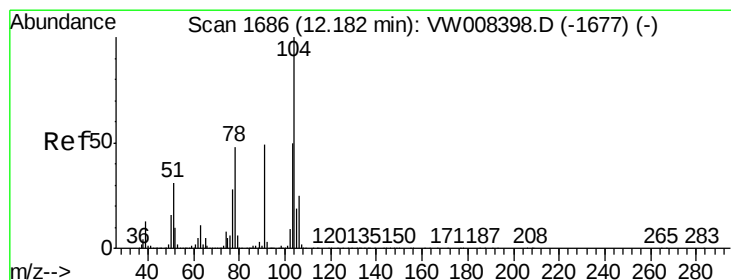
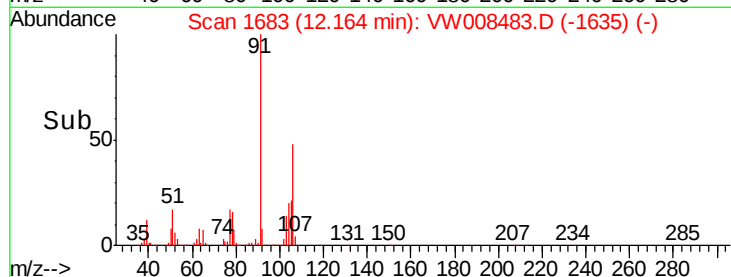
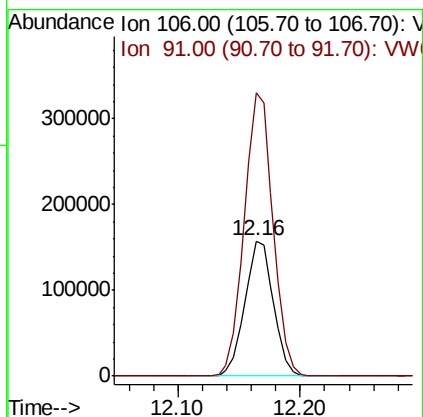
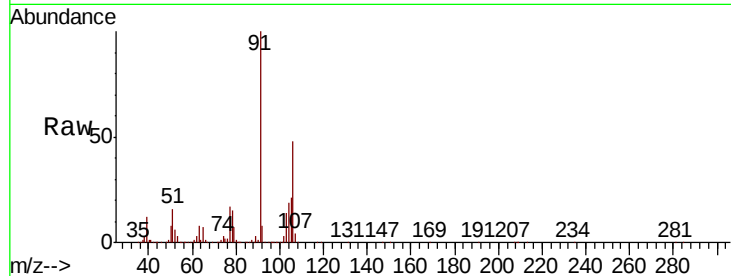




#69
o-Xylene
Concen: 51.599 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

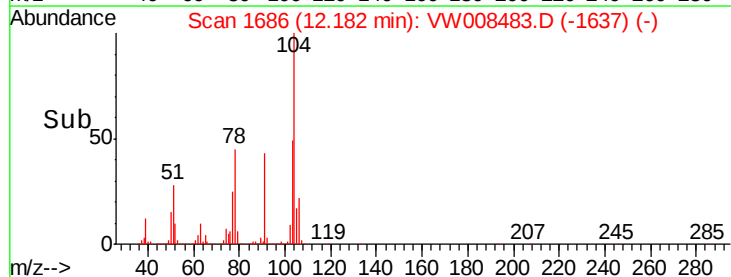
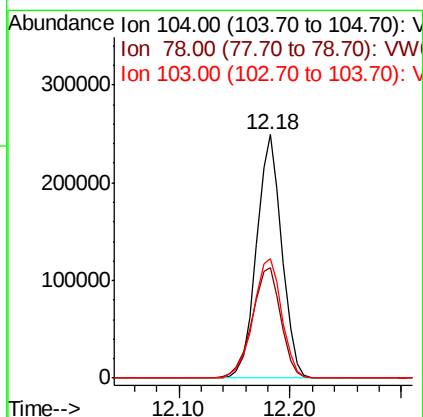
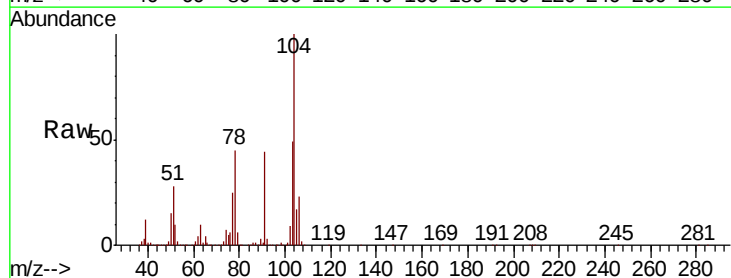
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

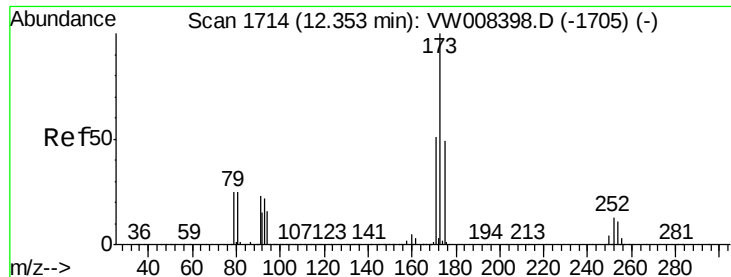
Tgt Ion:106 Resp: 255782
Ion Ratio Lower Upper
106 100
91 210.6 107.5 322.4



#70
Styrene
Concen: 48.249 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion:104 Resp: 395071
Ion Ratio Lower Upper
104 100
78 51.5 42.4 63.6
103 55.2 43.4 65.0

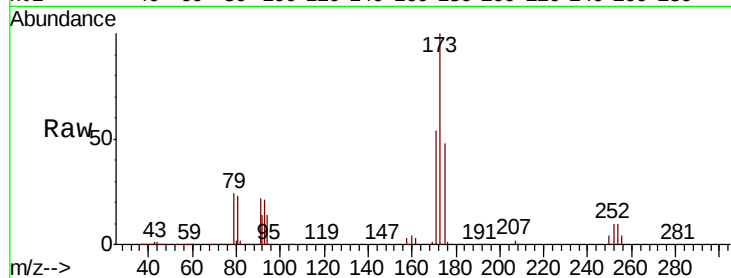




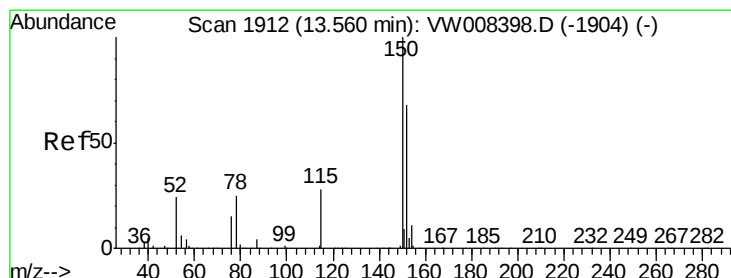
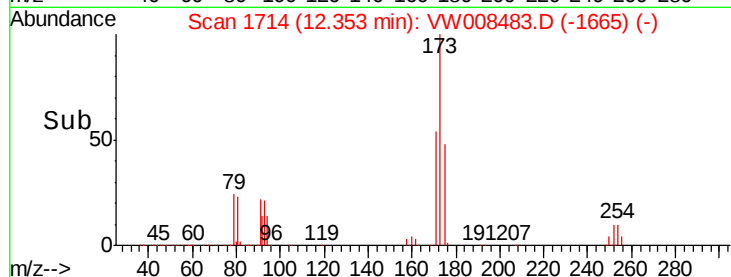
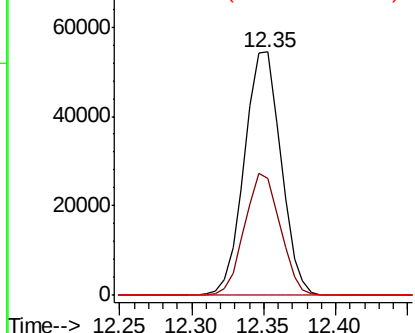
#71
Bromoform
Concen: 65.229 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Tgt Ion:173 Resp: 96055
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.4
254 0.1 0.2 0.2#

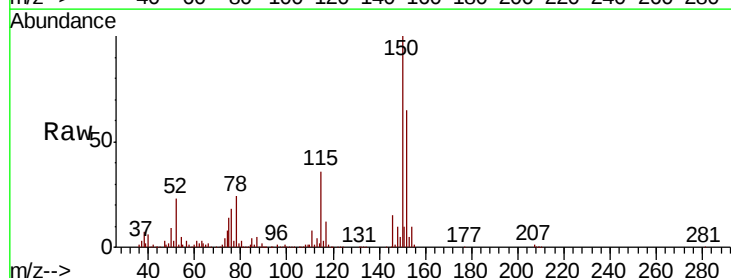


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

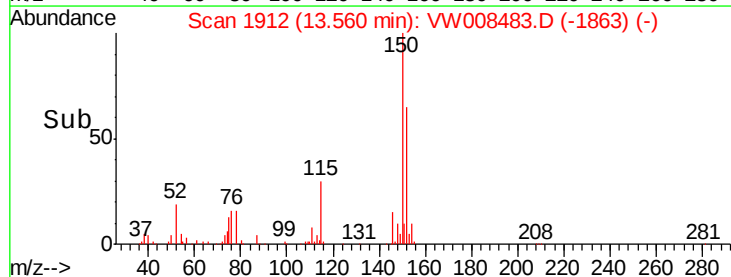
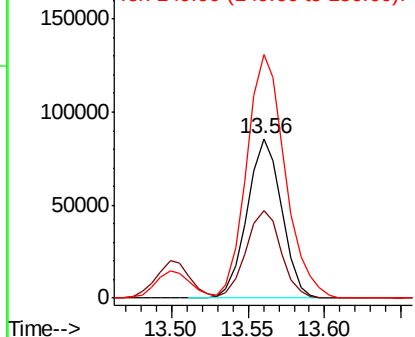


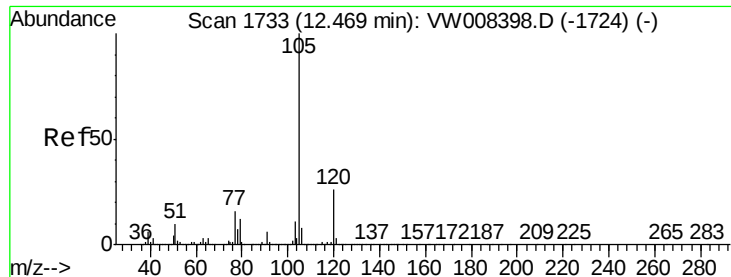
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion:152 Resp: 134660
Ion Ratio Lower Upper
152 100
115 55.4 29.9 89.7
150 169.7 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 60.179 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

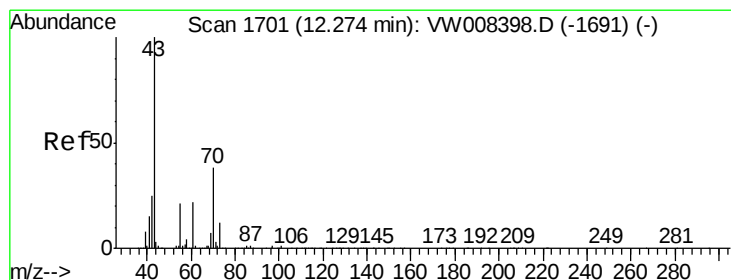
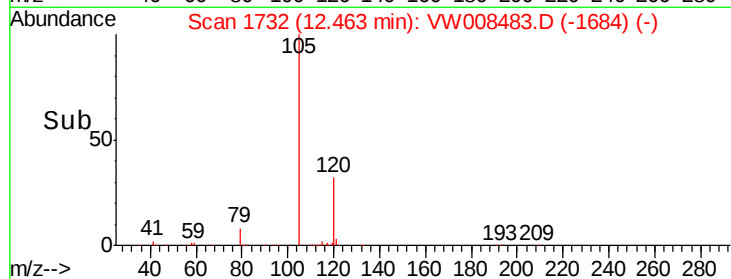
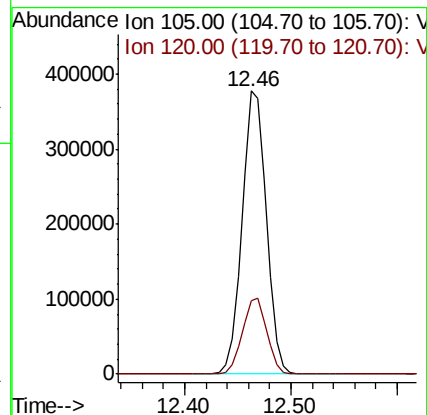
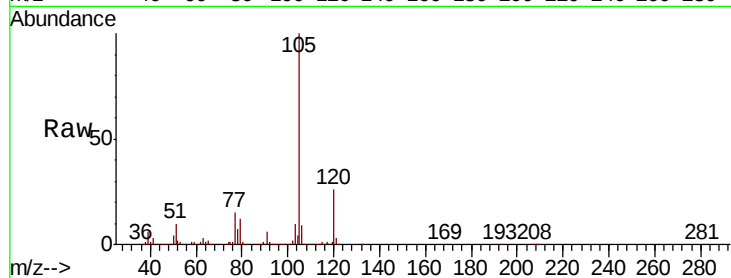
A0C17-SS1MSD

Tgt Ion: 105 Resp: 604149

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



#74

N-ethyl acetate

Concen: 2.920 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Tgt Ion: 43 Resp: 7551

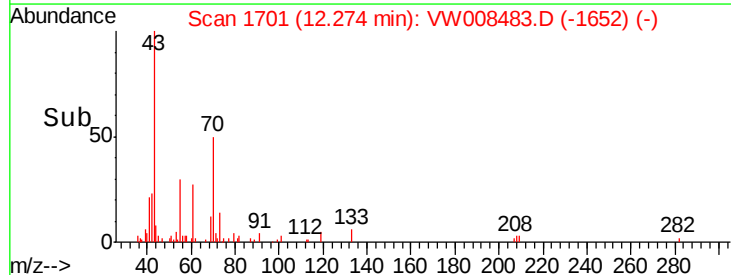
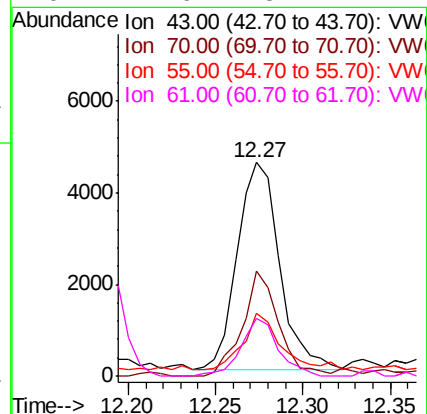
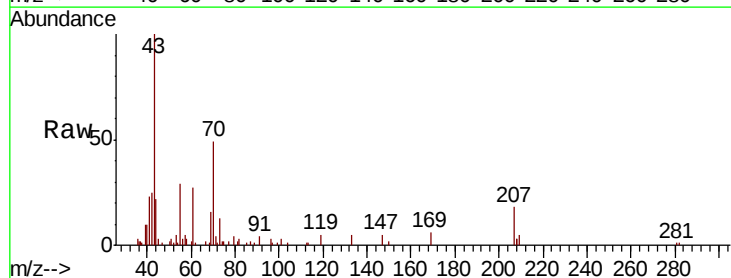
Ion Ratio Lower Upper

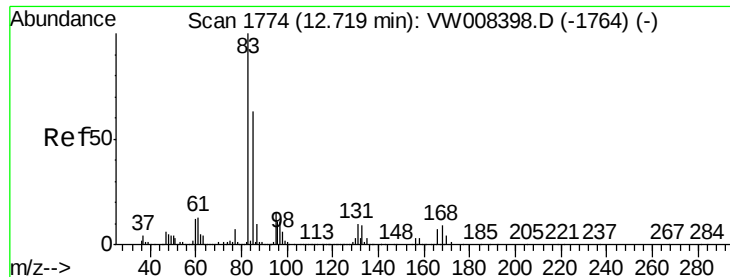
43 100

70 43.6 31.0 46.6

55 26.8 17.4 26.2#

61 24.6 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 92.805 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

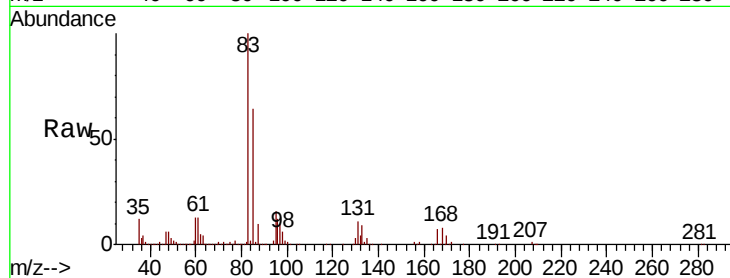
Tgt Ion: 83 Resp: 147504

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

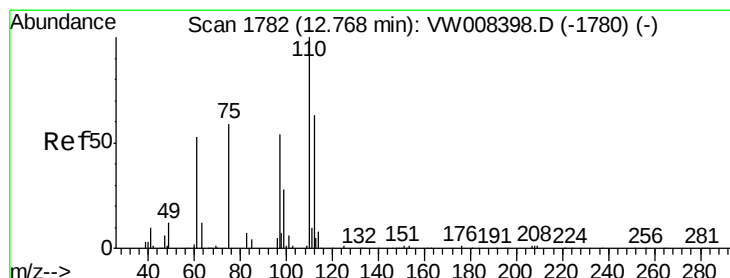
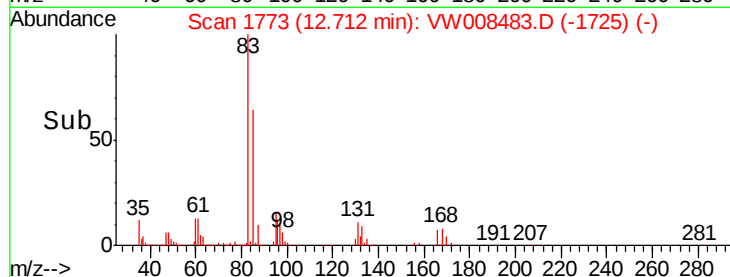
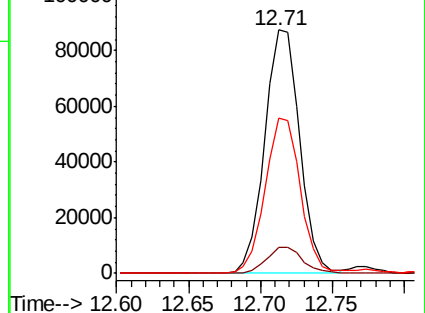
85 63.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 165.059 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008483.D

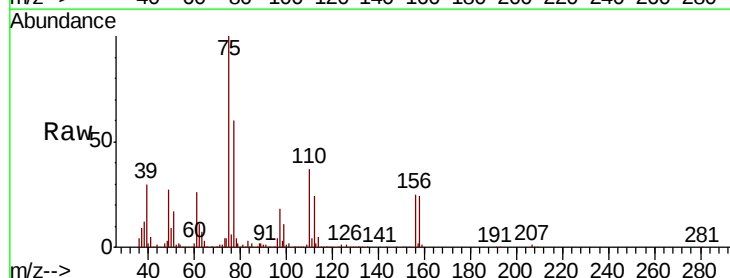
Acq: 01 Feb 2019 15:56

Tgt Ion: 75 Resp: 193247

Ion Ratio Lower Upper

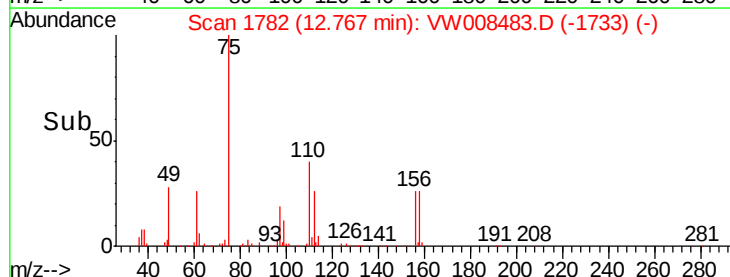
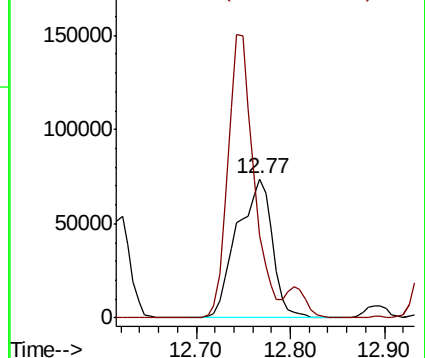
75 100

77 0.0 180.7 542.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 68.478 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

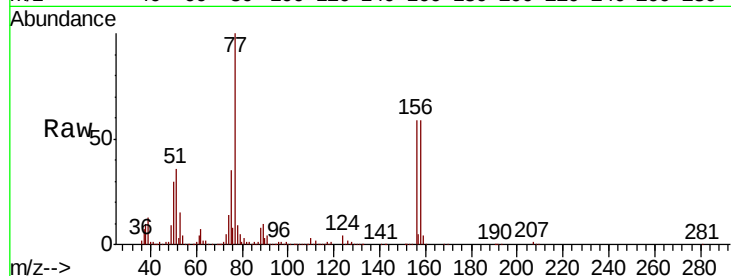
Tgt Ion:156 Resp: 150136

Ion Ratio Lower Upper

156 100

77 193.6 96.9 290.7

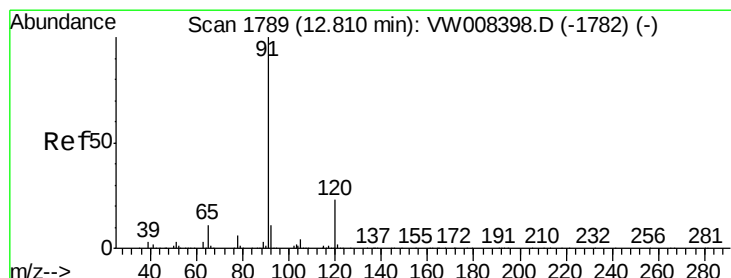
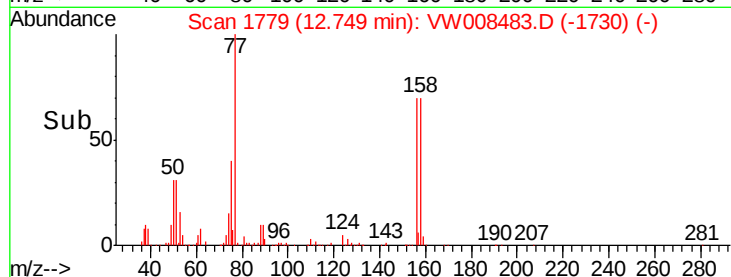
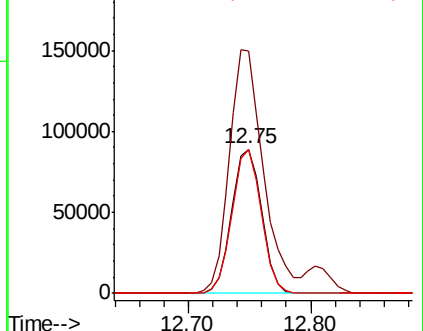
158 97.5 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.690 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008483.D

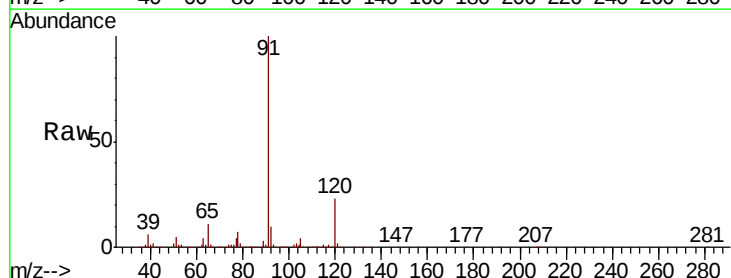
Acq: 01 Feb 2019 15:56

Tgt Ion: 91 Resp: 635318

Ion Ratio Lower Upper

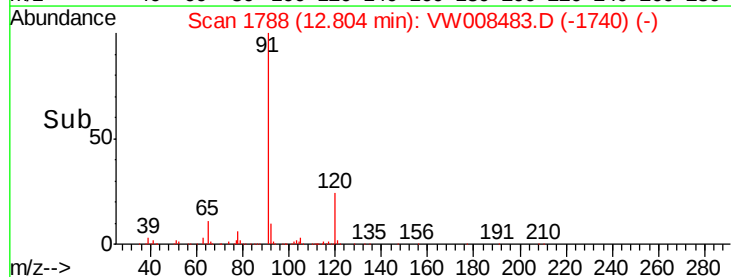
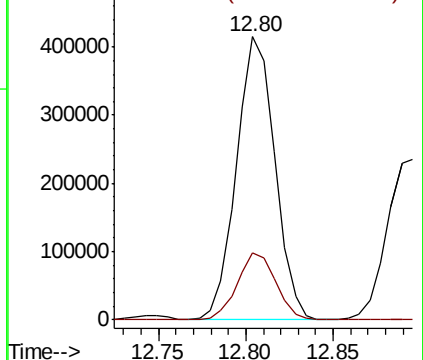
91 100

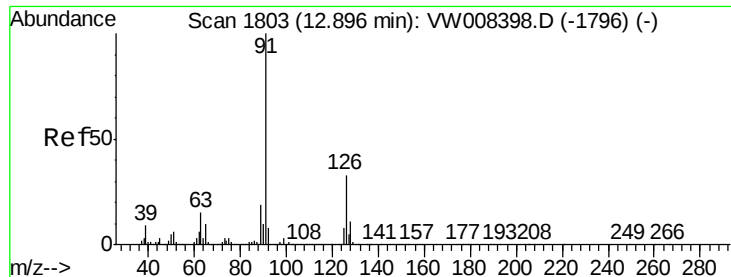
120 23.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

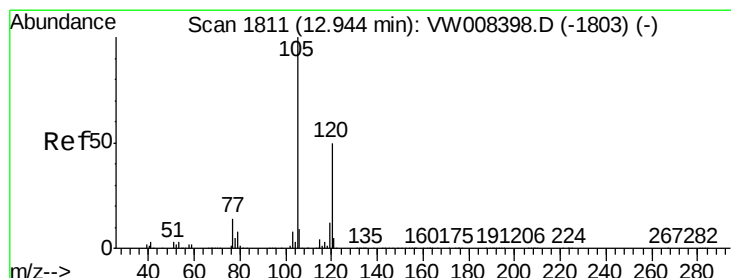
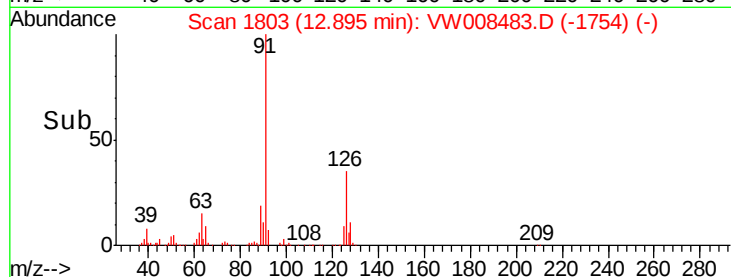
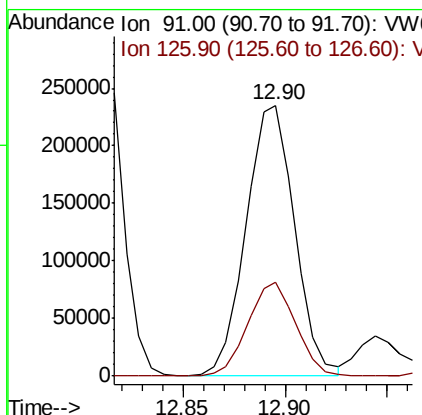
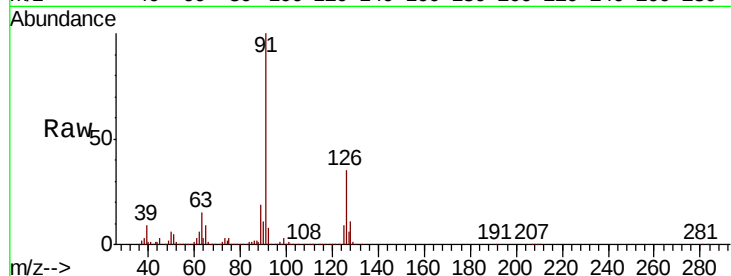




#79
 2-Chlorotoluene
 Concen: 57.313 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

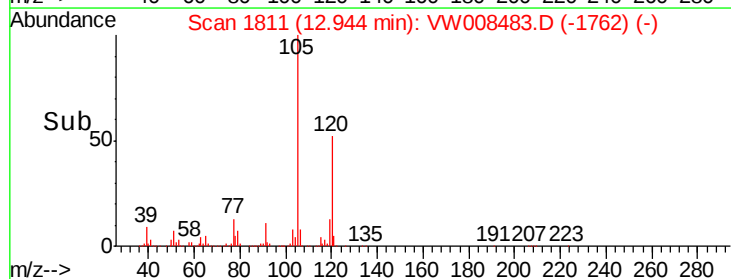
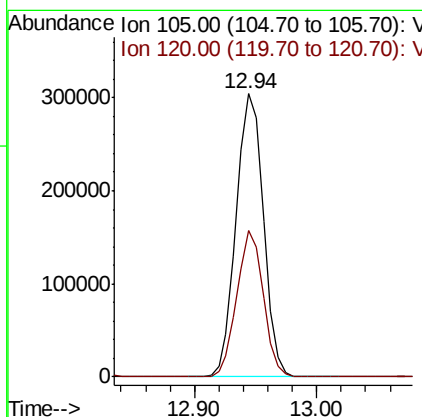
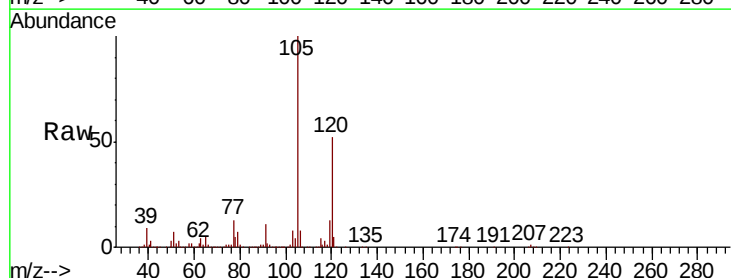
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

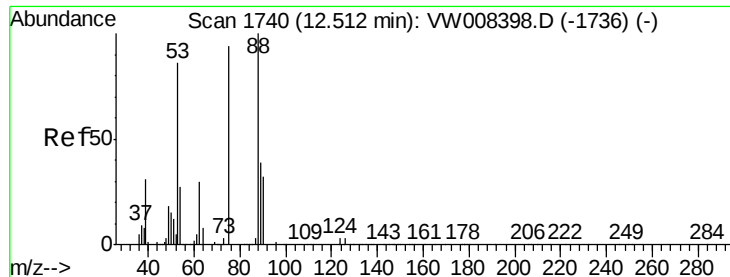
Tgt Ion: 91 Resp: 389961
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.5 49.5



#80
 1,3,5-Trimethylbenzene
 Concen: 55.773 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion: 105 Resp: 467998
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 80.026 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

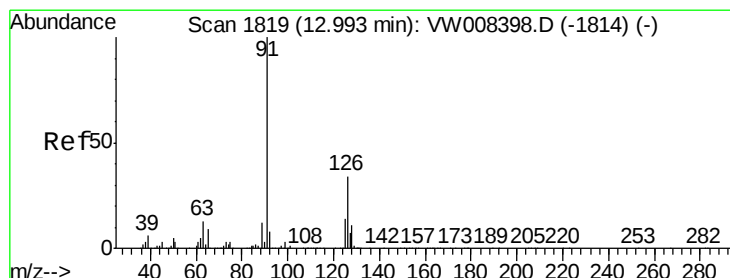
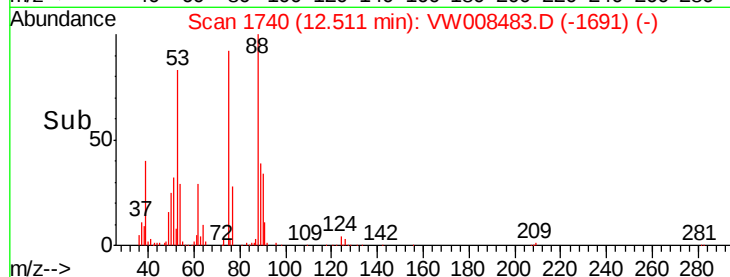
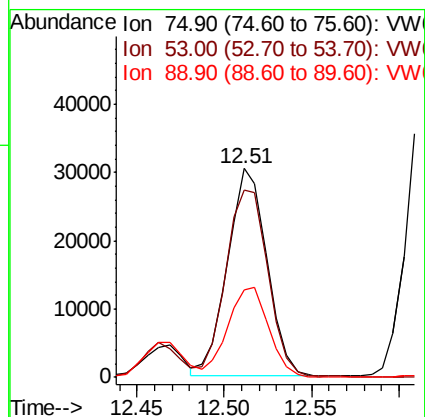
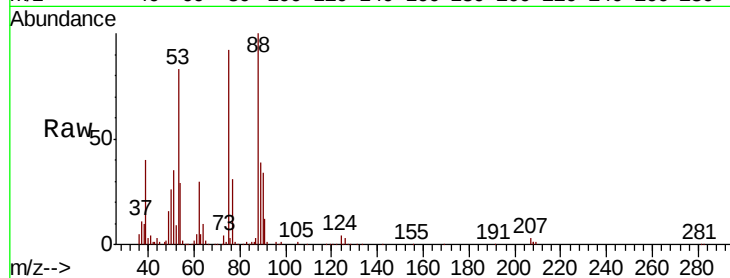
Tgt Ion: 75 Resp: 47437

Ion Ratio Lower Upper

75 100

53 97.8 76.0 114.0

89 45.4 35.4 53.0



#82

4-Chlorotoluene

Concen: 53.898 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008483.D

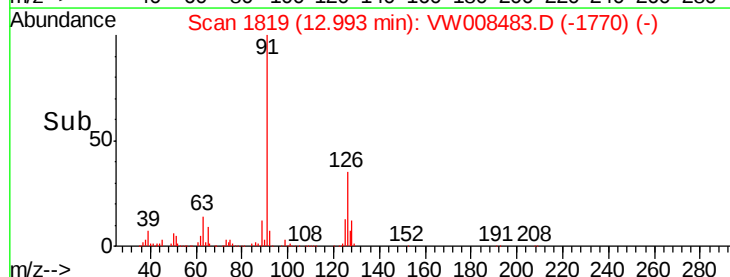
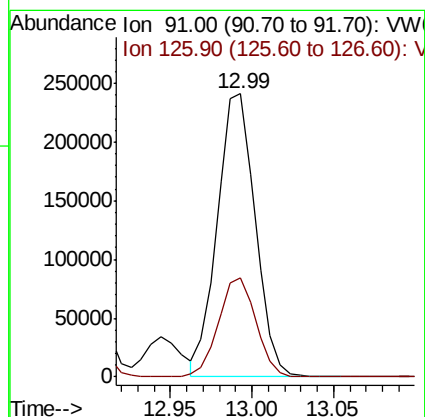
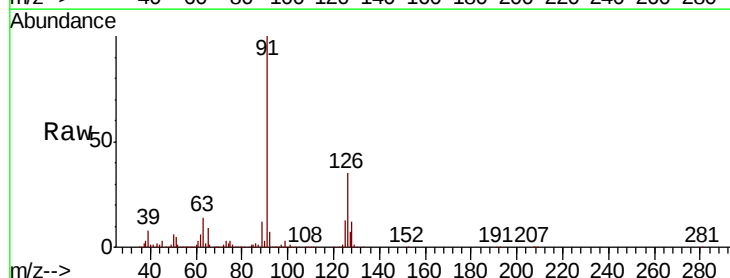
Acq: 01 Feb 2019 15:56

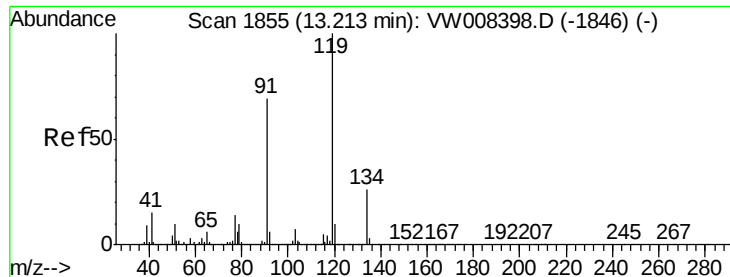
Tgt Ion: 91 Resp: 390449

Ion Ratio Lower Upper

91 100

126 34.6 16.4 49.2





#83

tert-Butylbenzene

Concen: 52.163 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008483.D

Acq: 01 Feb 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1MSD

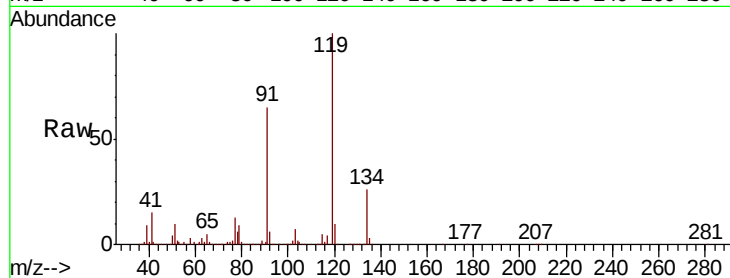
Tgt Ion:119 Resp: 389508

Ion Ratio Lower Upper

119 100

91 65.7 33.8 101.4

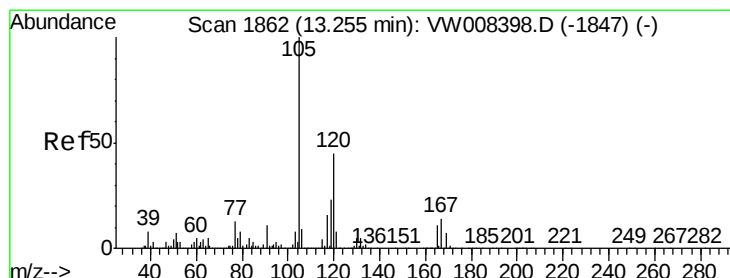
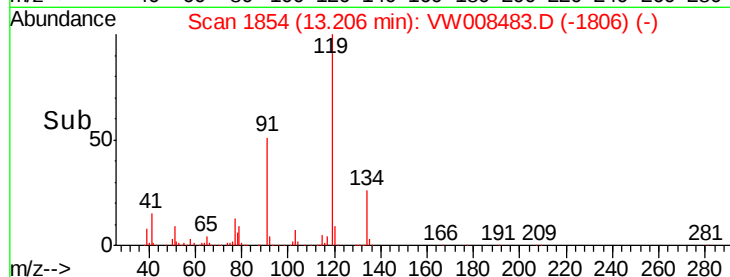
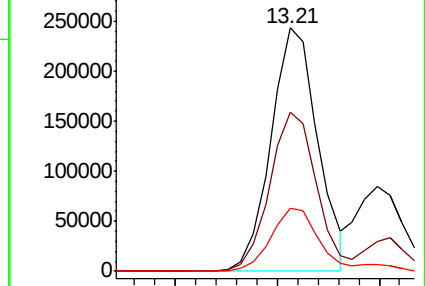
134 25.9 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.968 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008483.D

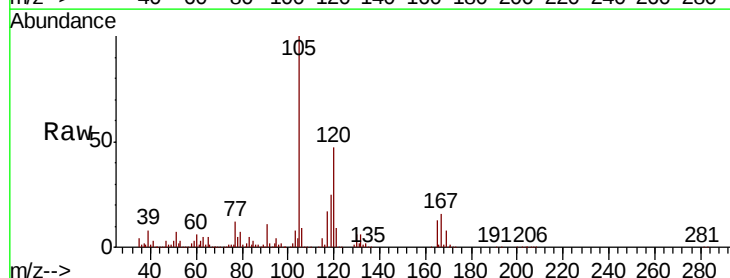
Acq: 01 Feb 2019 15:56

Tgt Ion:105 Resp: 477343

Ion Ratio Lower Upper

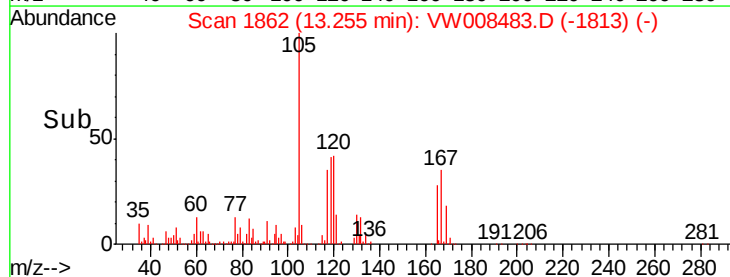
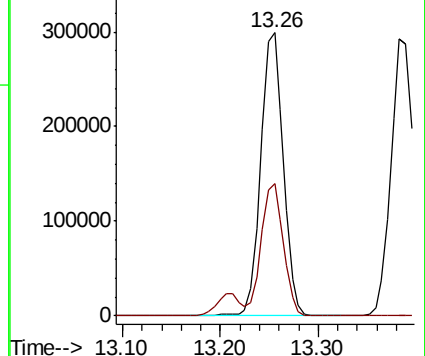
105 100

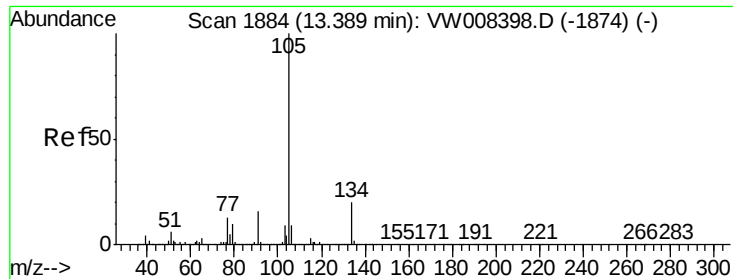
120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

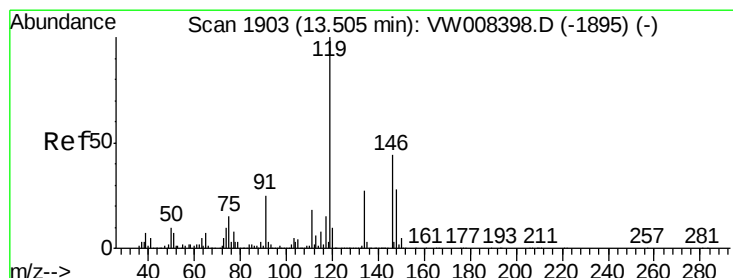
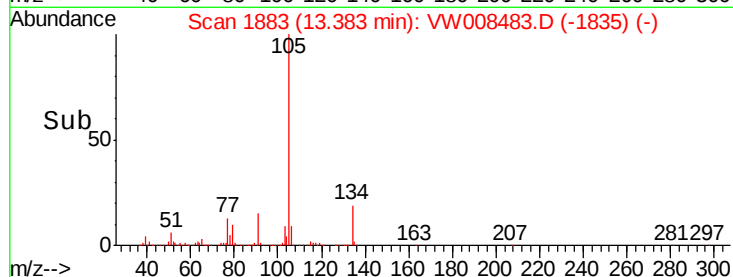
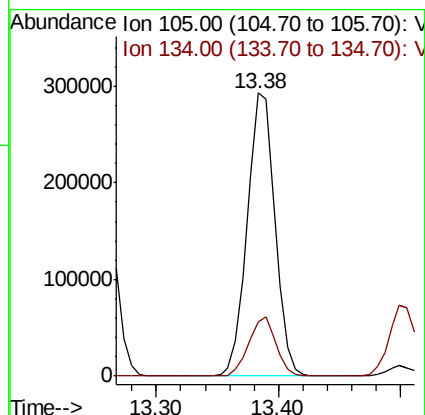
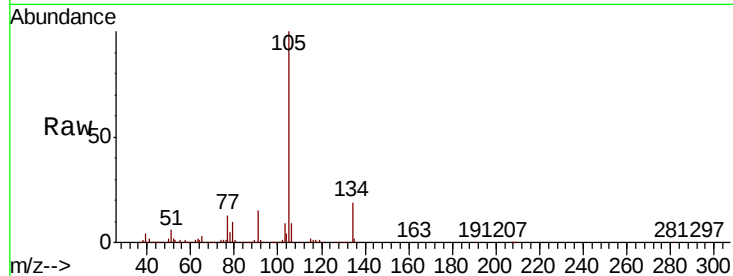




#85
 sec-Butylbenzene
 Concen: 43.420 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

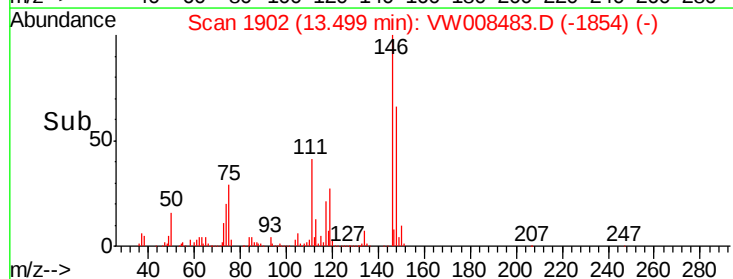
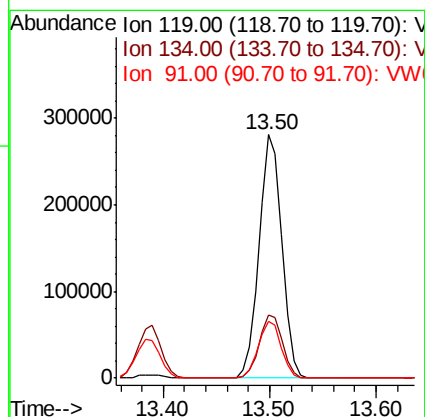
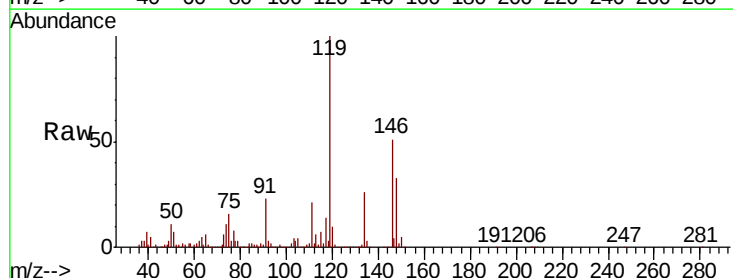
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

Tgt Ion:105 Resp: 463029
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 45.109 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion:119 Resp: 421363
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 23.8 12.6 37.6

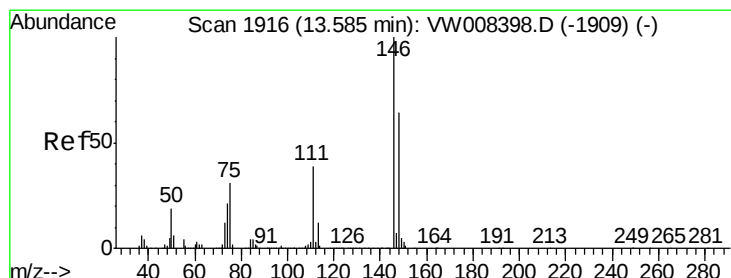
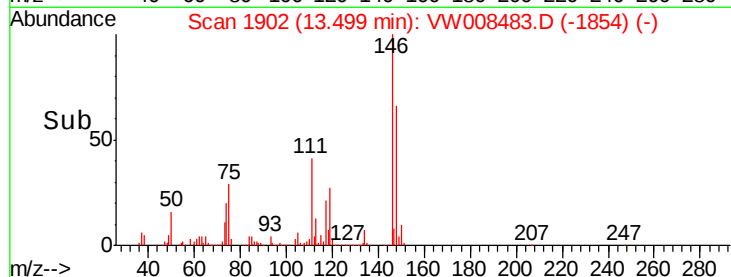
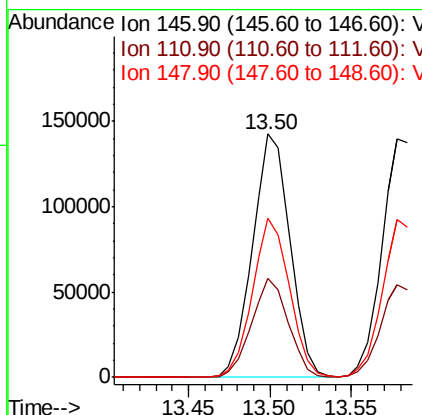
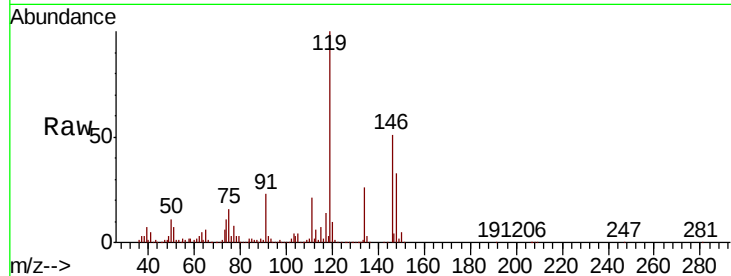




#87
 1,3-Dichlorobenzene
 Concen: 51.600 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

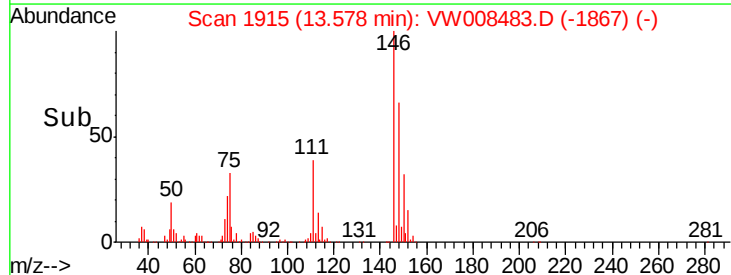
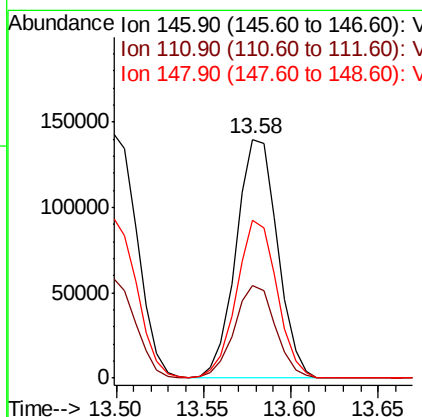
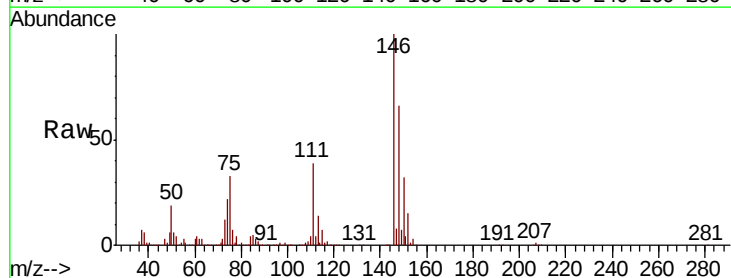
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

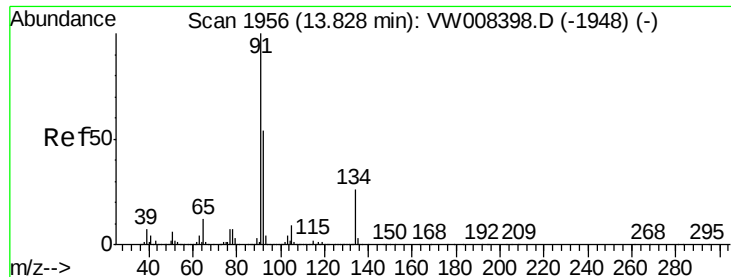
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	64.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.242 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.0	60.0
148	64.8	32.0	96.2

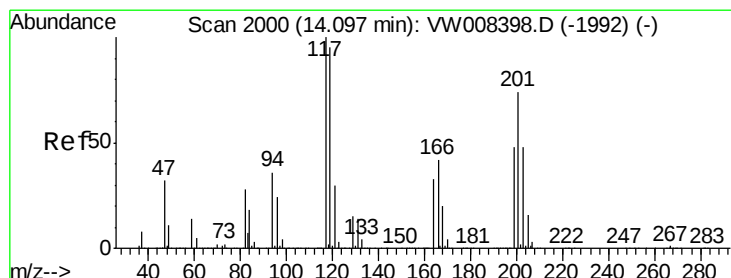
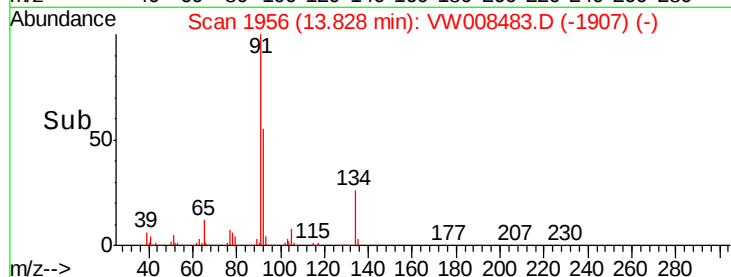
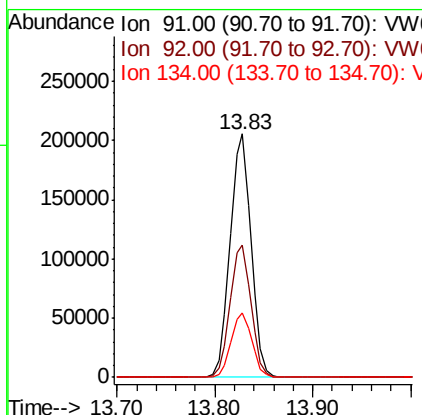
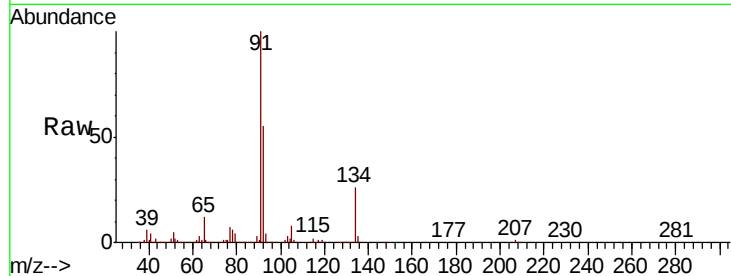




#89
n-Butylbenzene
Concen: 33.300 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

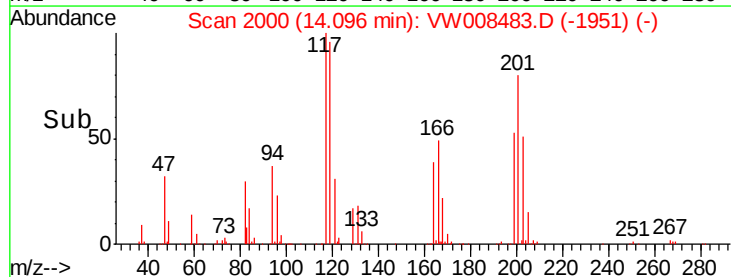
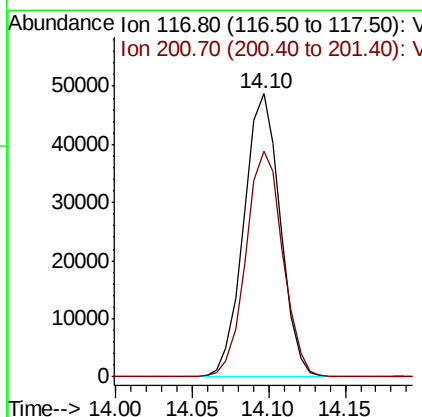
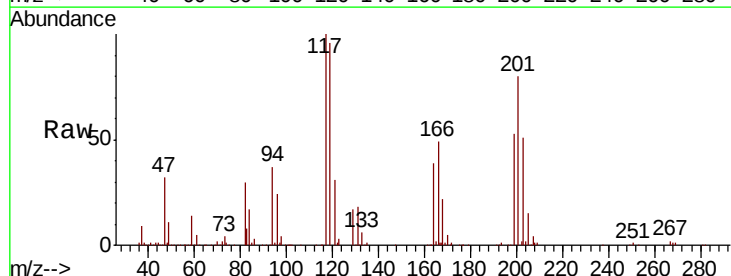
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Tgt Ion: 91 Resp: 305419
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.2
134 26.6 13.0 39.0



#90
Hexachloroethane
Concen: 44.213 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion: 117 Resp: 80766
Ion Ratio Lower Upper
117 100
201 80.6 39.1 117.5

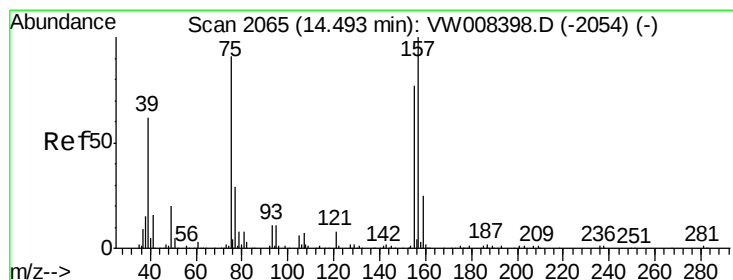
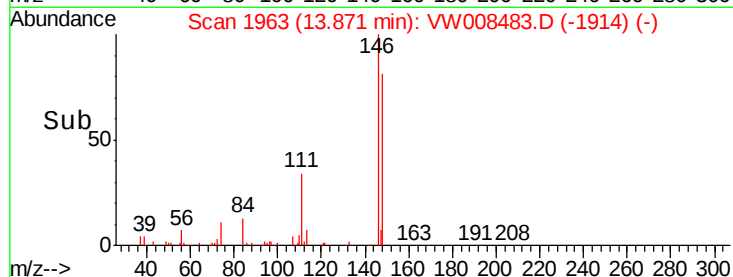
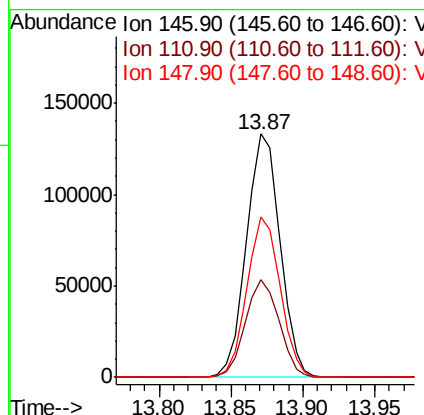
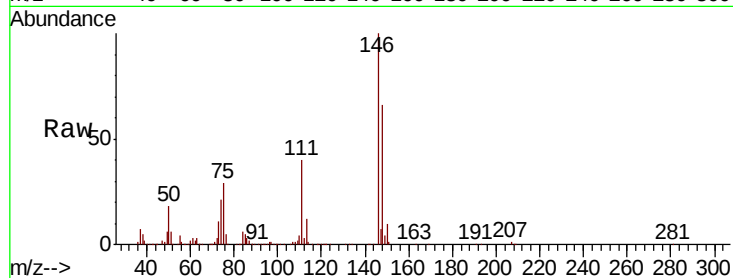




#91
 1,2-Dichlorobenzene
 Concen: 54.755 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

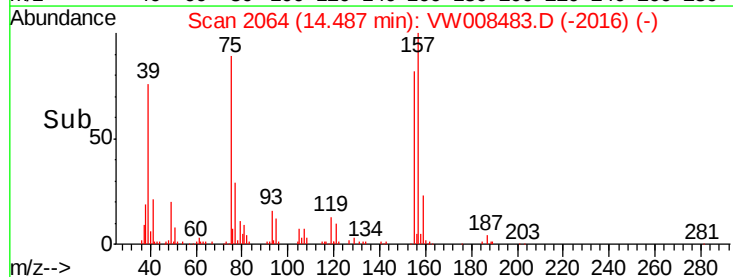
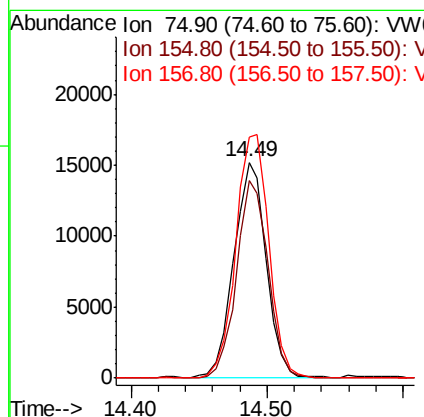
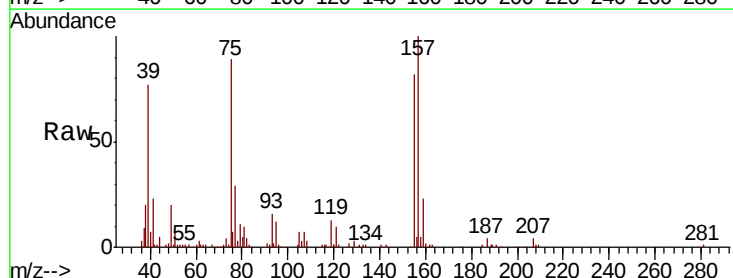
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

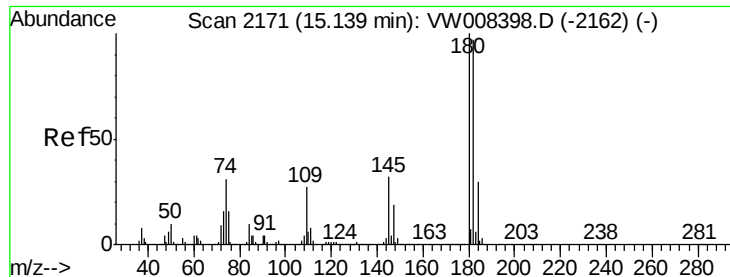
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.1	63.3
148	65.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 83.592 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008483.D
 Acq: 01 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	42.7	128.1
157	114.9	55.5	166.3

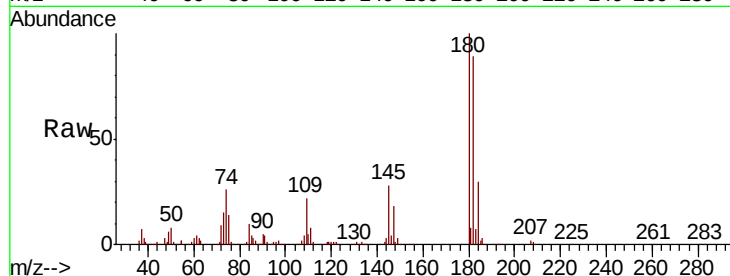




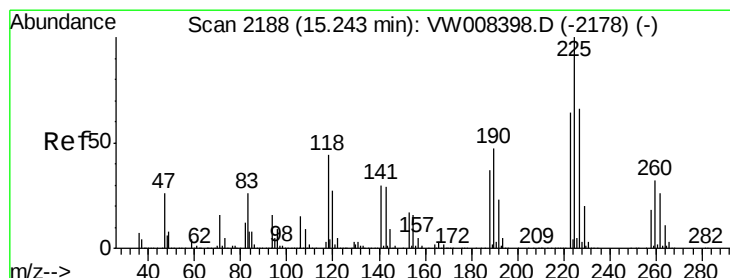
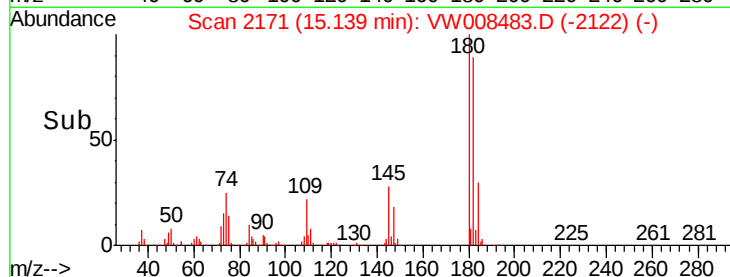
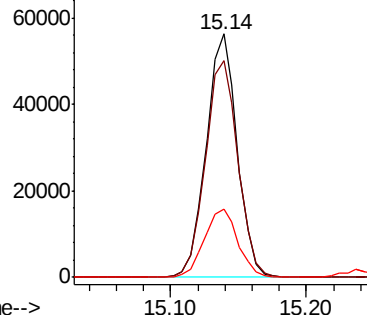
#93
1,2,4-Trichlorobenzene
Concen: 32.070 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Tgt Ion:180 Resp: 89662
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.7
145 30.4 15.5 46.5

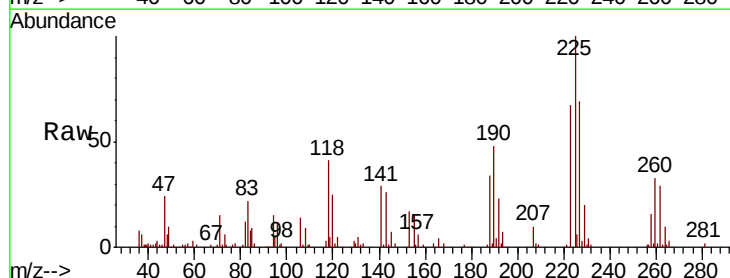


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

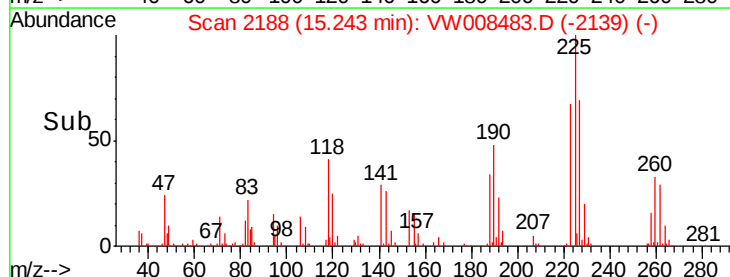
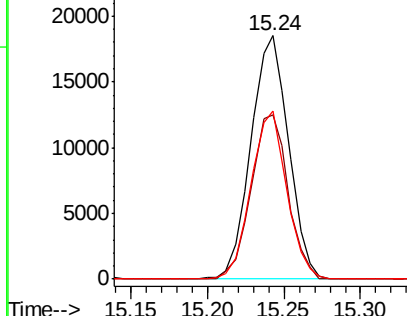


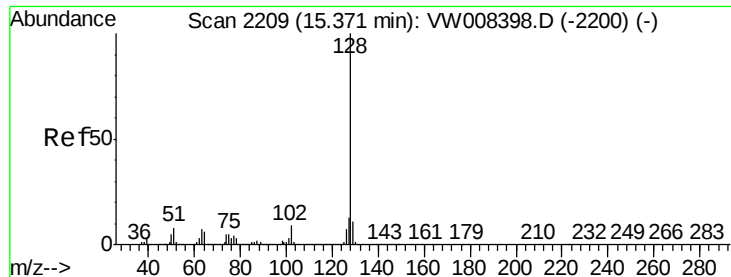
#94
Hexachlorobutadiene
Concen: 18.783 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion:225 Resp: 31648
Ion Ratio Lower Upper
225 100
223 66.6 31.7 95.1
227 65.9 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

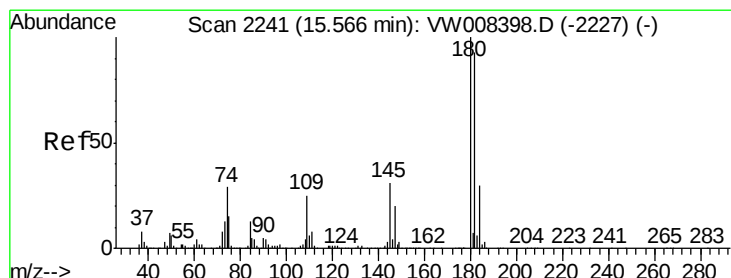
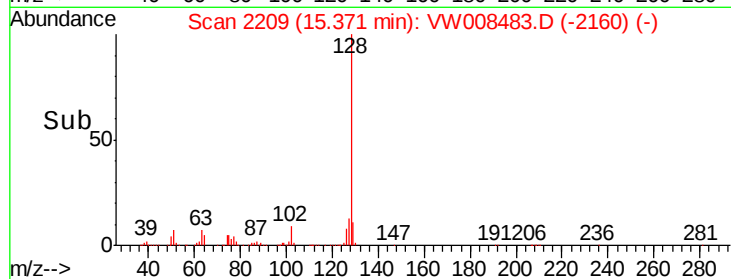
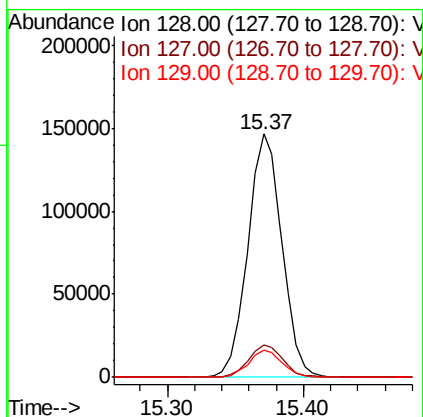
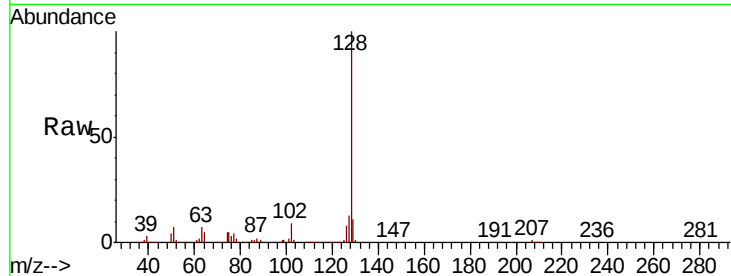




#95
Naphthalene
Concen: 52.302 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 31.804 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008483.D
Acq: 01 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.0	141.2
145	32.0	15.9	47.6

