

Data File : VW008765.D
Acq On : 21 Feb 2019 11:47
Operator : SY/VA
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Quant Time: Feb 22 00:23:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:19:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	334944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	458774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	247576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	63127	20.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.18%	
35) Dibromofluoromethane	7.88	113	58480	19.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.86%	
50) Toluene-d8	10.32	98	217419	19.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.40%	
62) 4-Bromofluorobenzene	12.62	95	86964	19.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.22%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	66165	19.723	ug/l	98
3) Chloromethane	2.21	50	84246	20.630	ug/l	95
4) Vinyl Chloride	2.35	62	86911	20.101	ug/l	98
5) Bromomethane	2.75	94	69665	21.693	ug/l	97
6) Chloroethane	2.91	64	61699	20.096	ug/l	99
7) Trichlorofluoromethane	3.26	101	118602	21.689	ug/l	93
8) Diethyl Ether	3.68	74	37758	21.810	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	72328	21.781	ug/l	99
10) Methyl Iodide	4.26	142	85409	20.568	ug/l	99
11) Tert butyl alcohol	5.19	59	30734	112.645	ug/l	100
12) 1,1-Dichloroethene	4.03	96	62086	21.171	ug/l	95
13) Acrolein	3.90	56	23833	90.115	ug/l	97
14) Allyl chloride	4.67	41	107647	21.268	ug/l	98
15) Acrylonitrile	5.37	53	80167	107.899	ug/l	98
16) Acetone	4.13	43	76069	104.466	ug/l	100
17) Carbon Disulfide	4.38	76	199190	20.471	ug/l	100
18) Methyl Acetate	4.68	43	36315	21.026	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	178101	22.437	ug/l	94
20) Methylene Chloride	4.92	84	90905	21.174	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	72741	21.443	ug/l	89
22) Diisopropyl ether	6.32	45	221635	21.951	ug/l	97
23) Vinyl Acetate	6.26	43	697298	111.776	ug/l	98
24) 1,1-Dichloroethane	6.22	63	125868	21.513	ug/l	99
25) 2-Butanone	7.18	43	110245	108.293	ug/l	99
26) 2,2-Dichloropropane	7.16	77	112227	21.128	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	78855	21.731	ug/l	98
28) Bromochloromethane	7.51	49	52138	21.295	ug/l	99
29) Tetrahydrofuran	7.53	42	69888	107.726	ug/l	97
30) Chloroform	7.67	83	129625	21.596	ug/l	96
31) Cyclohexane	7.95	56	128352	21.672	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	118688	21.744	ug/l	99
36) 1,1-Dichloropropene	8.08	75	103874	21.835	ug/l	97
37) Ethyl Acetate	7.26	43	49868	22.542	ug/l	98
38) Carbon Tetrachloride	8.07	117	108232	21.574	ug/l	98

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	125347	21.125	ug/l	98
40) Benzene	8.32	78	280483	21.595	ug/l	97
41) Methacrylonitrile	7.49	41	25894	19.913	ug/l	93
42) 1,2-Dichloroethane	8.40	62	90232	21.930	ug/l	99
43) Isopropyl Acetate	8.43	43	96247	21.800	ug/l	99
44) Trichloroethene	9.09	130	79363	21.690	ug/l	99
45) 1,2-Dichloropropane	9.37	63	71621	22.314	ug/l	97
46) Dibromomethane	9.46	93	39043	21.869	ug/l	99
47) Bromodichloromethane	9.64	83	94529	21.762	ug/l	97
48) Methyl methacrylate	9.44	41	44886	21.227	ug/l	97
49) 1,4-Dioxane	9.46	88	10905	381.424	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	234424	104.582	ug/l	99
52) Toluene	10.39	92	183596	20.828	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	97044	21.919	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	112938	22.366	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	54201	22.386	ug/l	96
56) Ethyl methacrylate	10.65	69	65443	20.804	ug/l	99
57) 1,3-Dichloropropane	10.93	76	94400	22.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	179421	113.409	ug/l	100
59) 2-Hexanone	10.97	43	166772	104.519	ug/l	100
60) Dibromochloromethane	11.13	129	65792	22.278	ug/l	99
61) 1,2-Dibromoethane	11.23	107	52471	21.894	ug/l	99
64) Tetrachloroethene	10.87	164	70703	21.530	ug/l	98
65) Chlorobenzene	11.66	112	206125	21.367	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	70919	21.742	ug/l	97
67) Ethyl Benzene	11.73	91	362075	20.996	ug/l	100
68) m/p-Xylenes	11.84	106	290257	42.126	ug/l	99
69) o-Xylene	12.16	106	135909	21.015	ug/l	98
70) Styrene	12.18	104	216019	20.762	ug/l	100
71) Bromoform	12.35	173	37791	21.554	ug/l #	98
73) Isopropylbenzene	12.47	105	366574	21.598	ug/l	100
74) N-amyl acetate	12.27	43	86766	20.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	62891	22.678	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	84123	39.274	ug/l #	100
77) Bromobenzene	12.75	156	86619	21.597	ug/l	99
78) n-propylbenzene	12.80	91	440875	21.236	ug/l	99
79) 2-Chlorotoluene	12.90	91	254065	21.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	313183	21.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	17990	21.396	ug/l	95
82) 4-Chlorotoluene	12.99	91	263322	21.199	ug/l	100
83) tert-Butylbenzene	13.21	119	275591	21.610	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	319912	20.953	ug/l	98
85) sec-Butylbenzene	13.39	105	390105	21.273	ug/l	100
86) p-Isopropyltoluene	13.50	119	348362	20.722	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	177015	21.272	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	176162	21.480	ug/l	98
89) n-Butylbenzene	13.83	91	323664	20.551	ug/l	99
90) Hexachloroethane	14.10	117	58383	21.215	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	158302	21.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10453	20.837	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022119\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	111043	20.786	ug/l	99
94) Hexachlorobutadiene	15.24	225	65565	20.836	ug/l	99
95) Naphthalene	15.37	128	191061	21.005	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	96289	20.846	ug/l	99

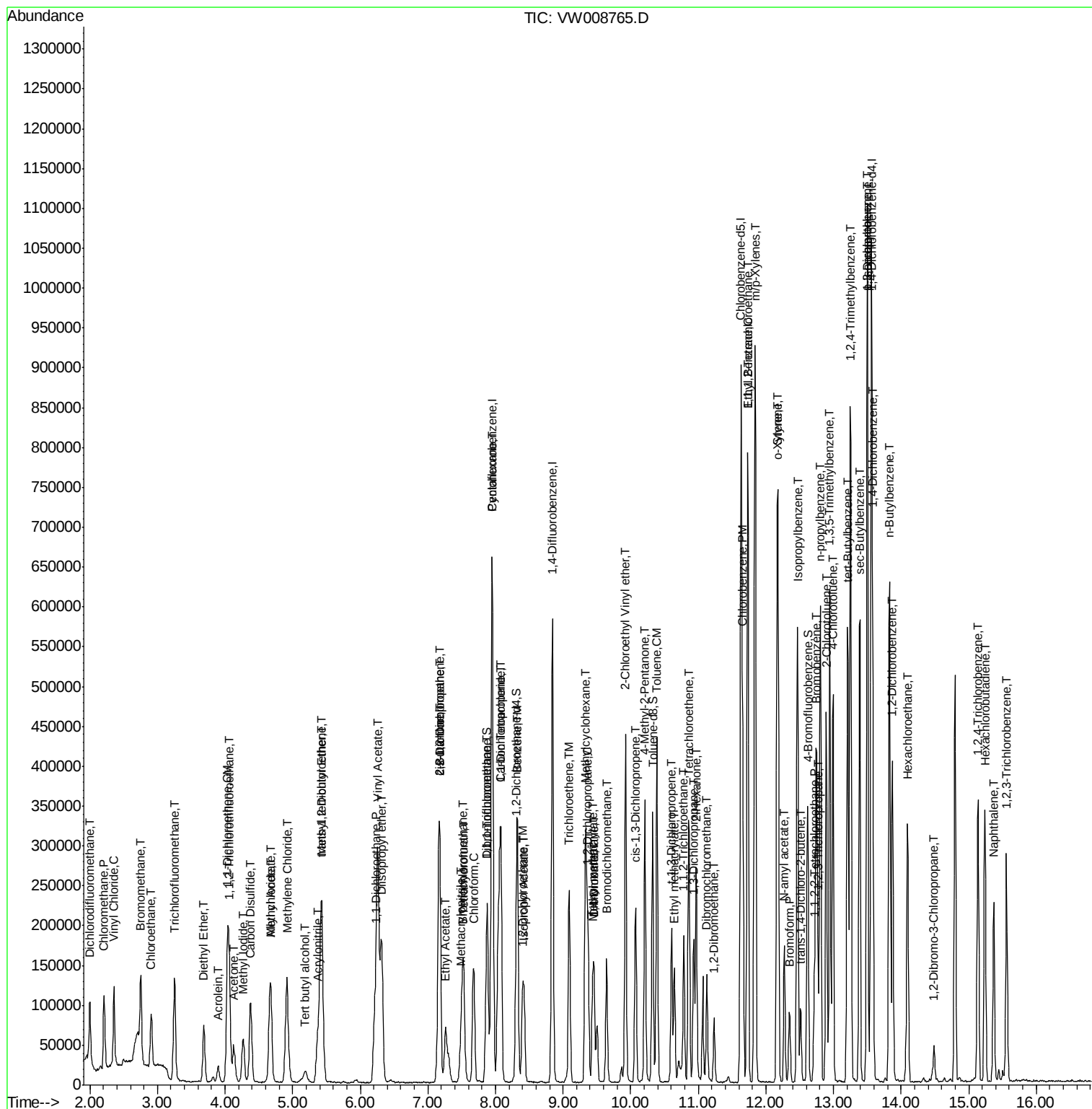
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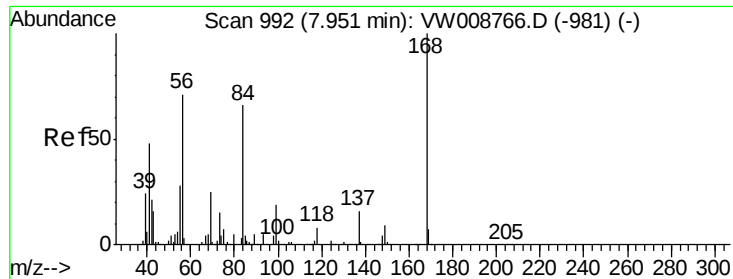
Data File : VW008765.D

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Acq On       : 21 Feb 2019   11:47
Operator     : SY/VA
Sample       : VSTDICC020
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MSVOA_W
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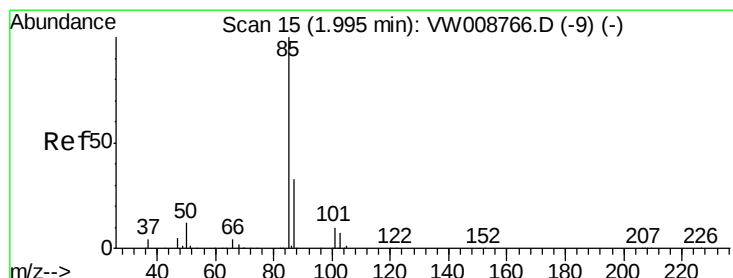
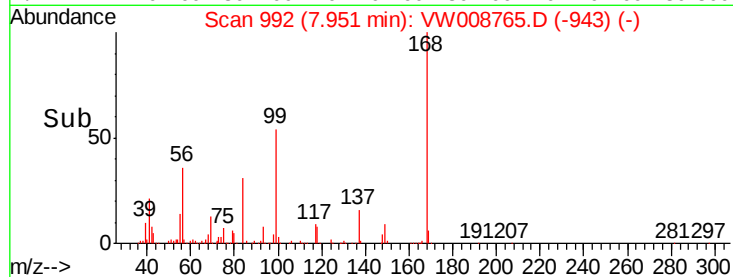
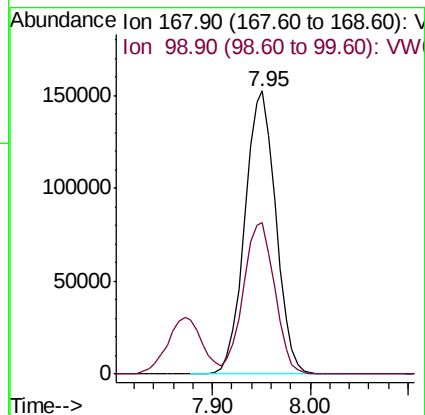
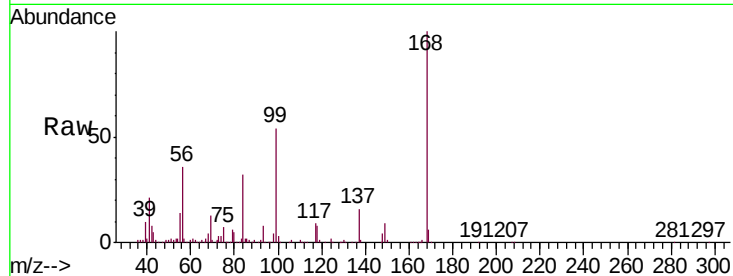


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
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 MSVOA_W
 ClientSampleId :
 VSTDIC020

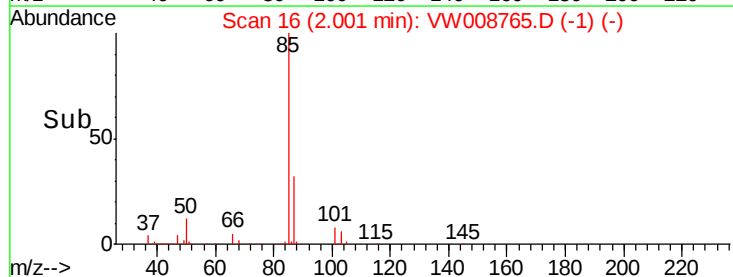
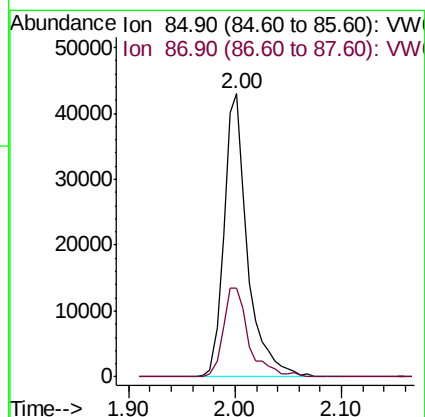
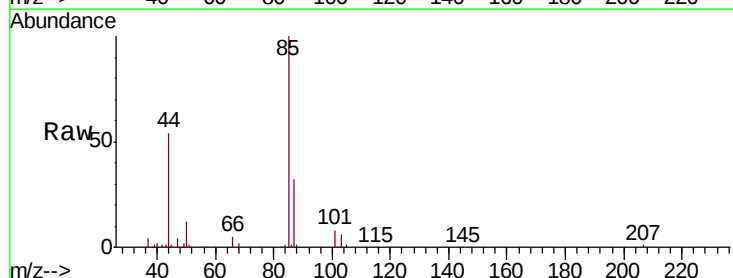
Tgt Ion:168 Resp: 334944
 Ion Ratio Lower Upper
 168 100
 99 53.7 42.2 63.2

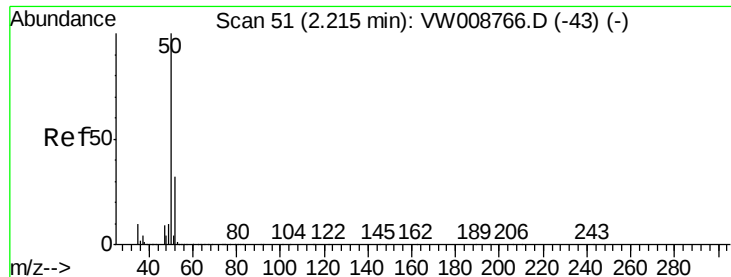


#2

Dichlorodifluoromethane
 Concen: 19.723 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.01 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 85 Resp: 66165
 Ion Ratio Lower Upper
 85 100
 87 31.6 16.4 49.1





#3

Chloromethane

Concen: 20.630 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

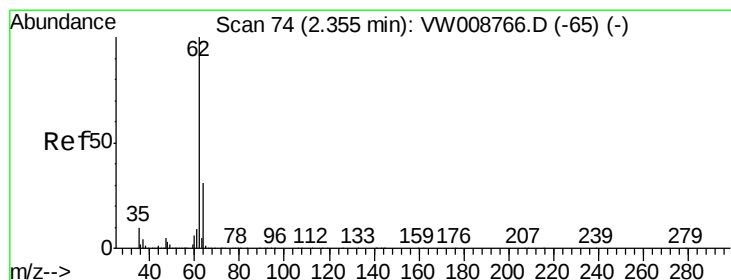
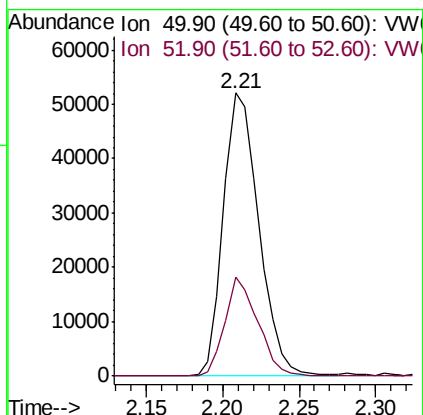
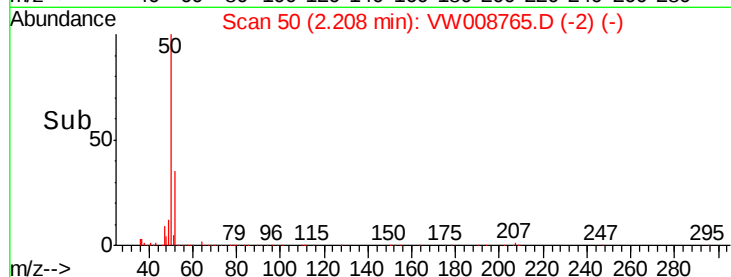
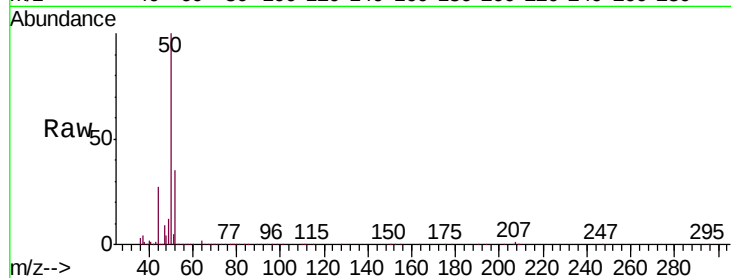
VSTDIC020

Tgt Ion: 50 Resp: 84246

Ion Ratio Lower Upper

50 100

52 35.0 25.9 38.9



#4

Vinyl Chloride

Concen: 20.101 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW008765.D

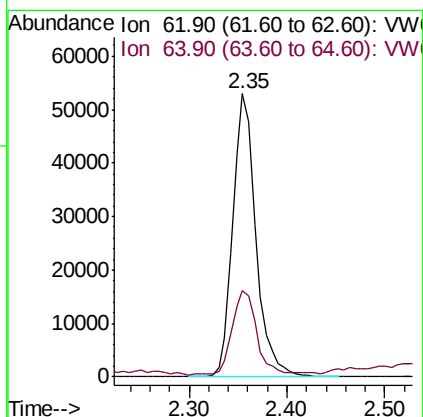
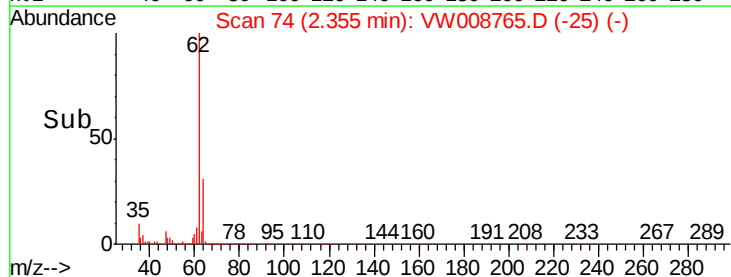
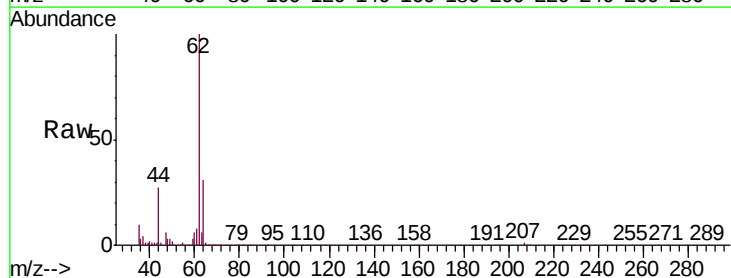
Acq: 21 Feb 2019 11:47

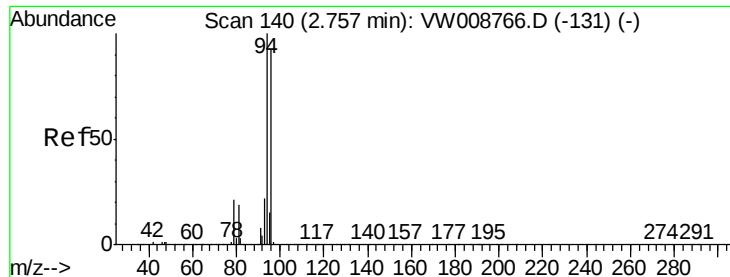
Tgt Ion: 62 Resp: 86911

Ion Ratio Lower Upper

62 100

64 29.9 24.9 37.3





#5

Bromomethane

Concen: 21.693 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

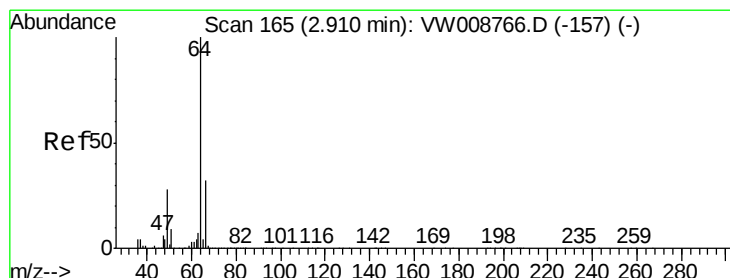
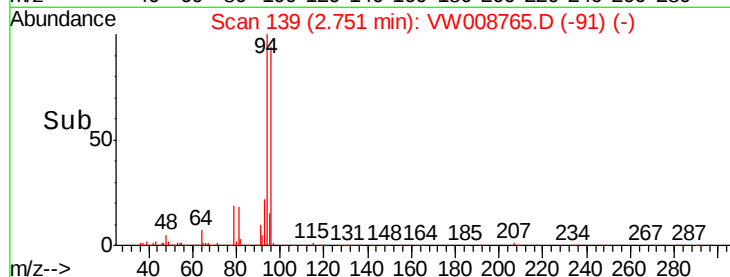
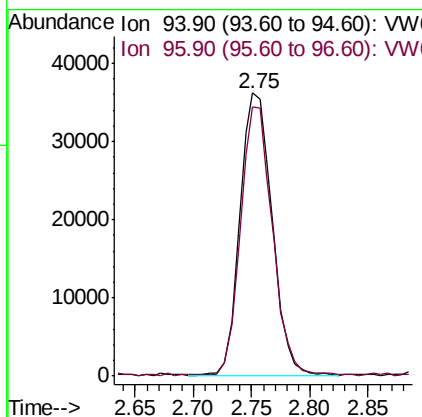
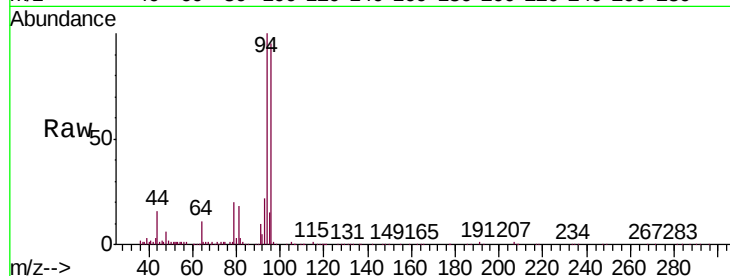
VSTDIC020

Tgt Ion: 94 Resp: 69665

Ion Ratio Lower Upper

94 100

96 94.6 73.4 110.2



#6

Chloroethane

Concen: 20.096 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW008765.D

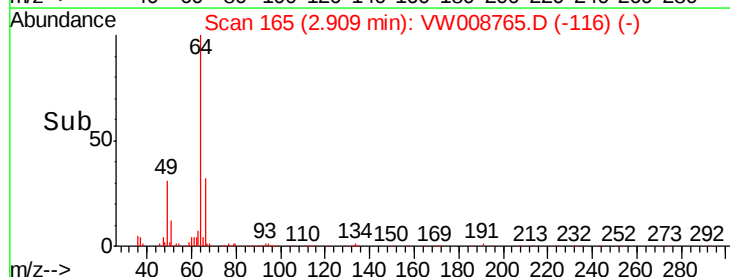
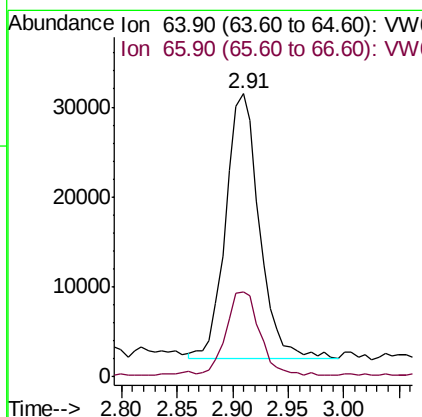
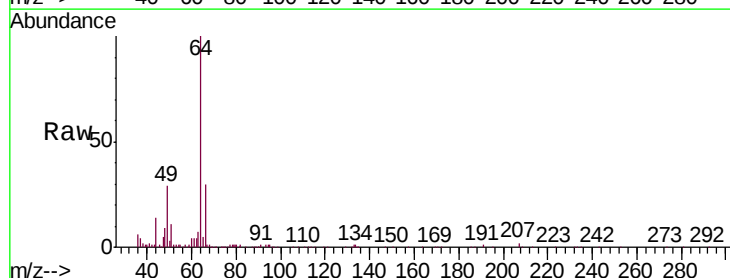
Acq: 21 Feb 2019 11:47

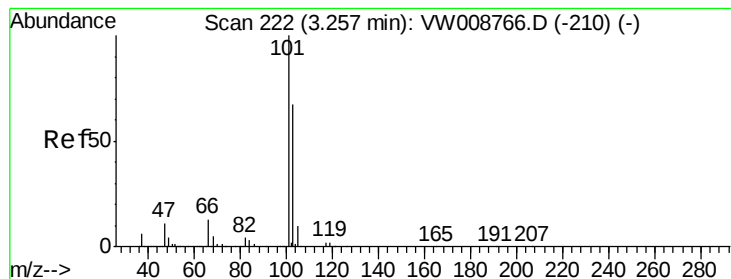
Tgt Ion: 64 Resp: 61699

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



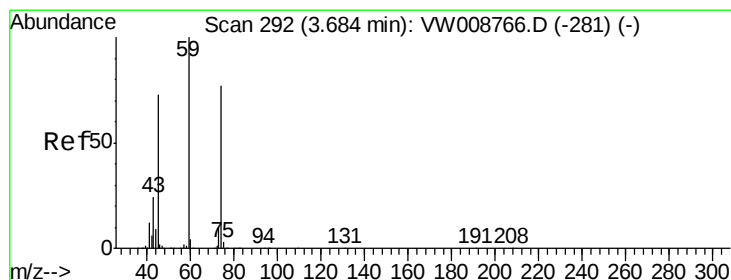
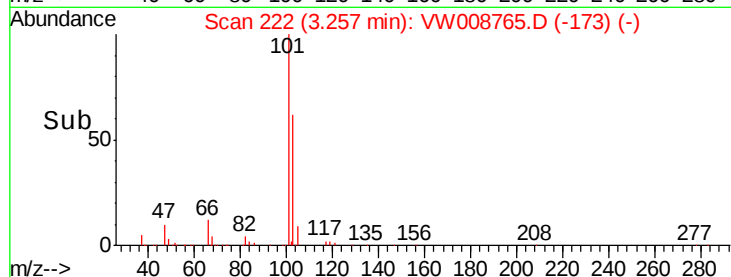
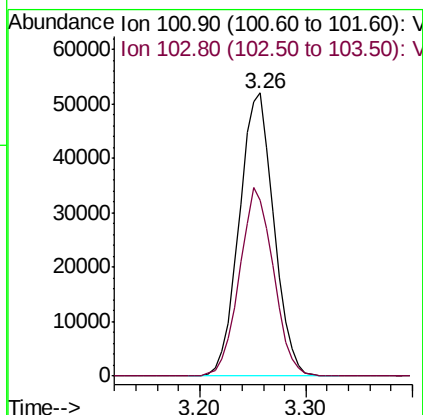
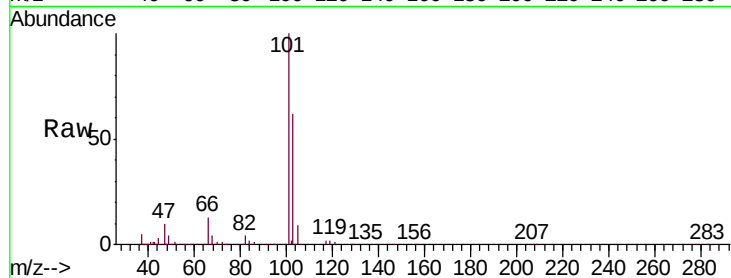


#7

Trichlorofluoromethane
 Concen: 21.689 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008765.D
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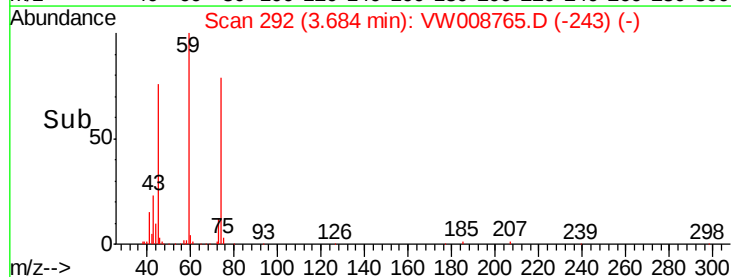
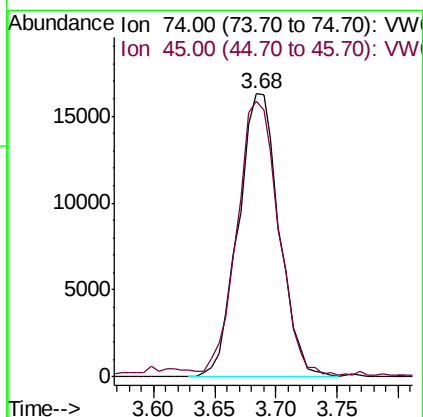
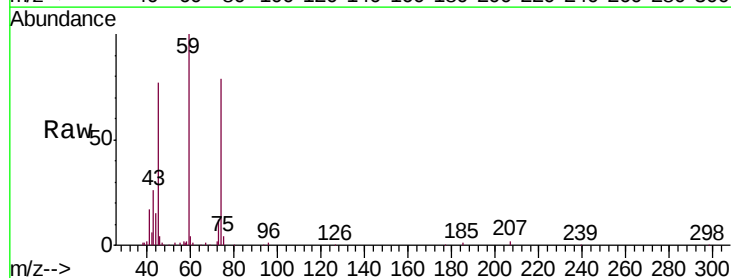
Tgt Ion:101 Resp: 118602
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.9 80.9

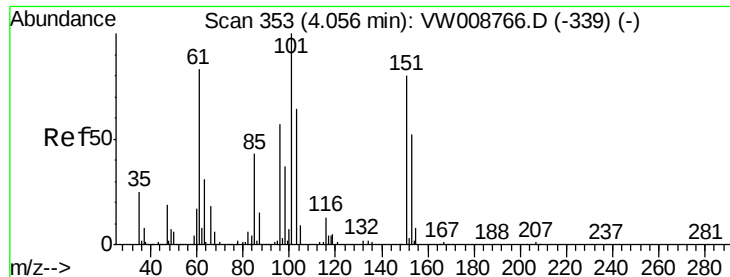


#8

Diethyl Ether
 Concen: 21.810 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 74 Resp: 37758
 Ion Ratio Lower Upper
 74 100
 45 99.1 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.781 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

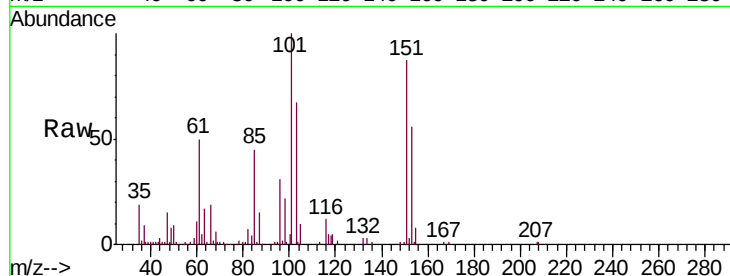
Tgt Ion:101 Resp: 72328

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

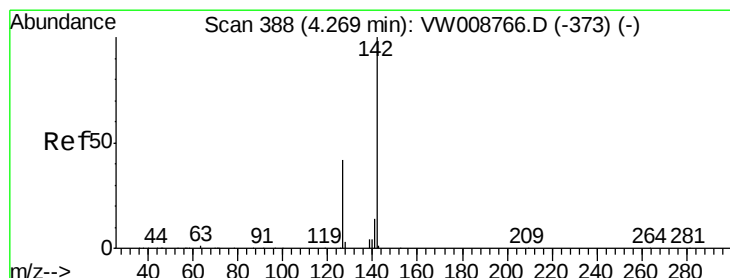
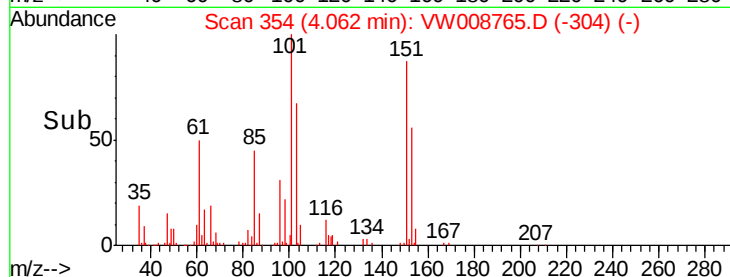
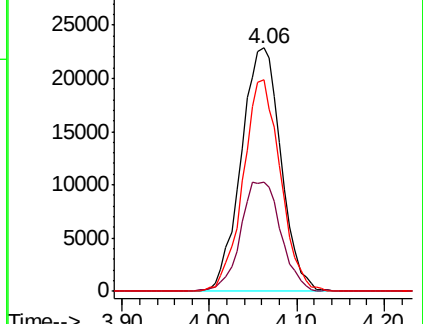
151 81.5 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.568 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

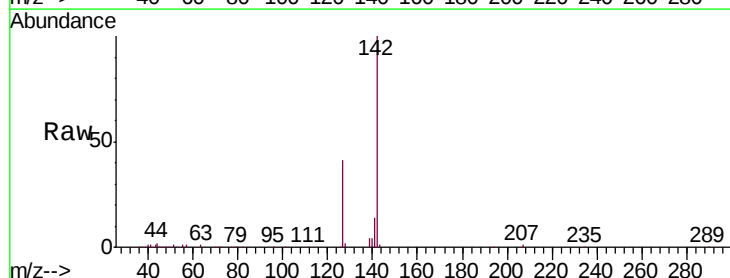
Tgt Ion:142 Resp: 85409

Ion Ratio Lower Upper

142 100

127 44.2 35.3 52.9

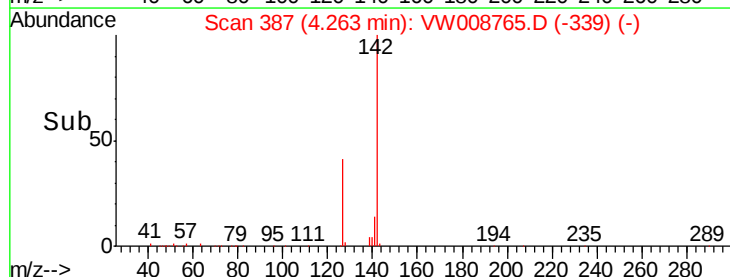
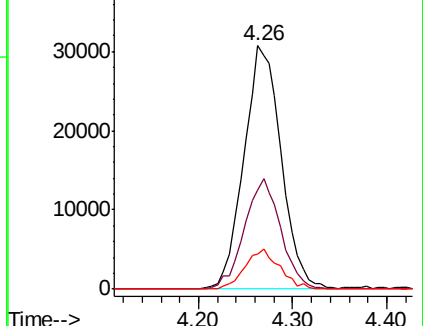
141 15.3 11.7 17.5

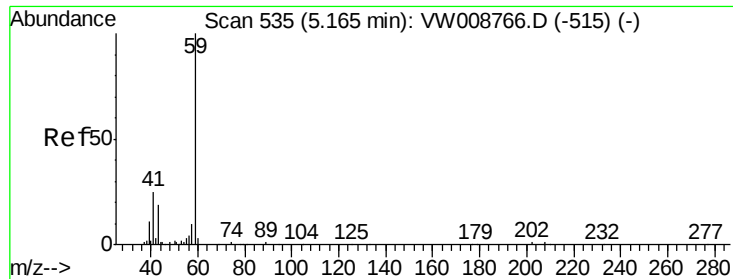


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

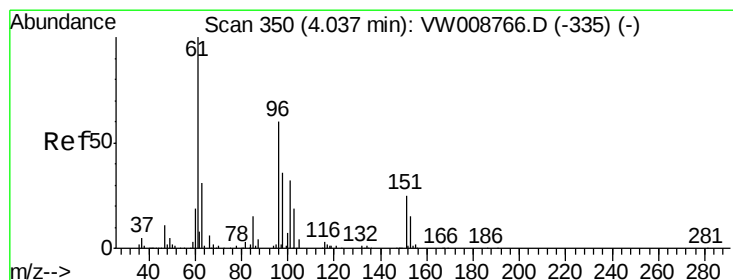
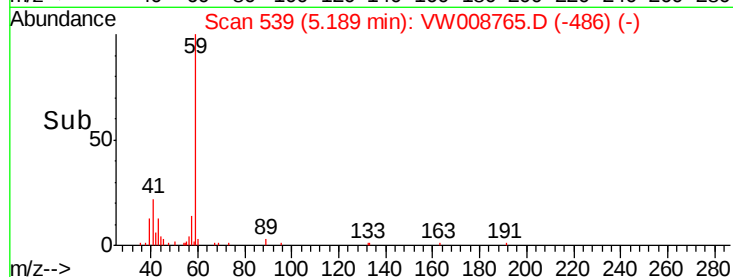
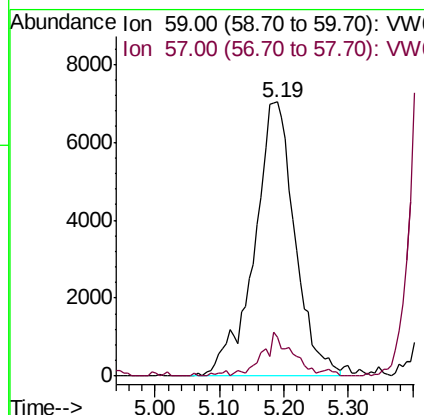
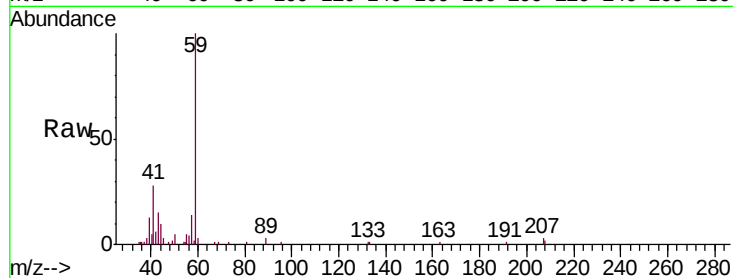




#11
Tert butyl alcohol
Concen: 112.645 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

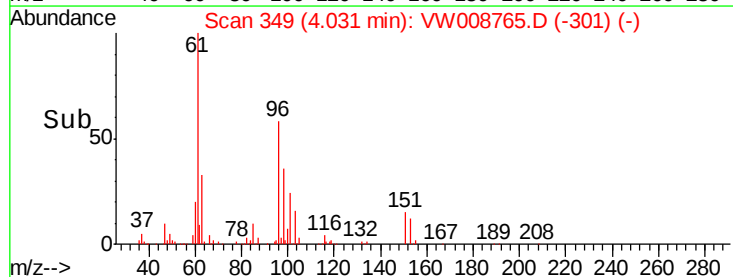
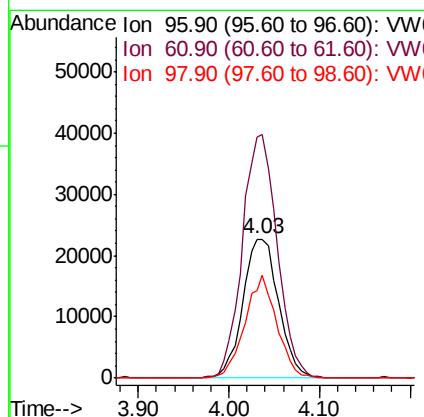
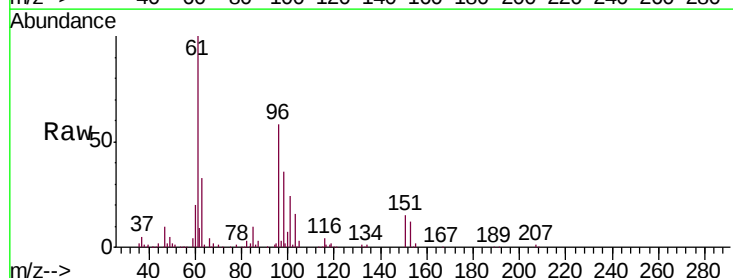
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

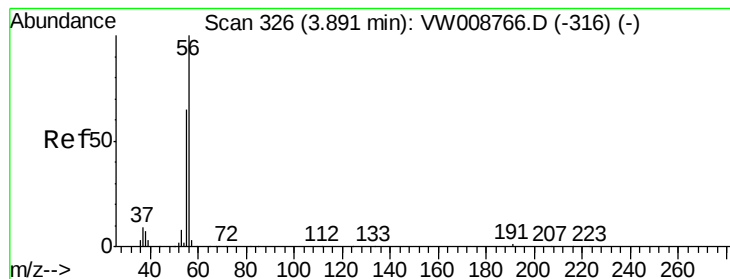
Tgt Ion: 59 Resp: 30734
Ion Ratio Lower Upper
59 100
57 11.5 9.3 13.9



#12
1,1-Dichloroethene
Concen: 21.171 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion: 96 Resp: 62086
Ion Ratio Lower Upper
96 100
61 172.9 132.5 198.7
98 62.7 48.2 72.4





#13

Acrolein

Concen: 90.115 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

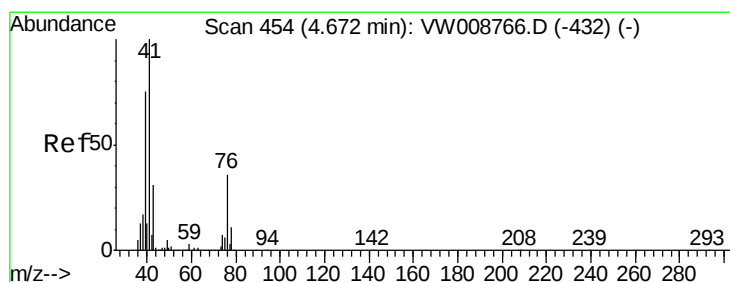
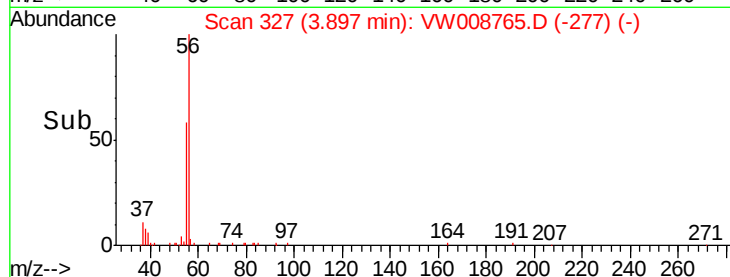
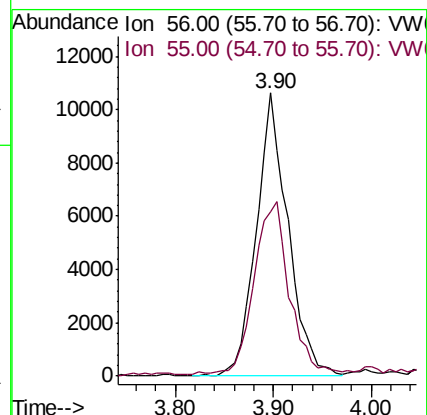
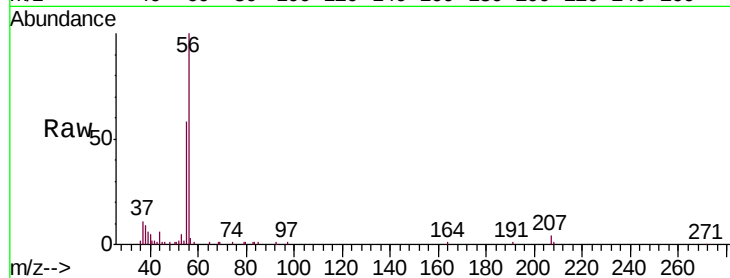
VSTDIC020

Tgt Ion: 56 Resp: 23833

Ion Ratio Lower Upper

56 100

55 68.3 56.9 85.3



#14

Allyl chloride

Concen: 21.268 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

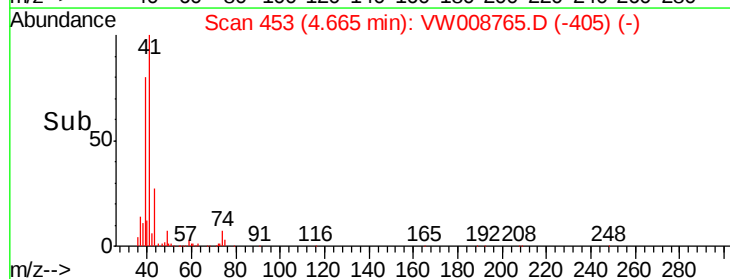
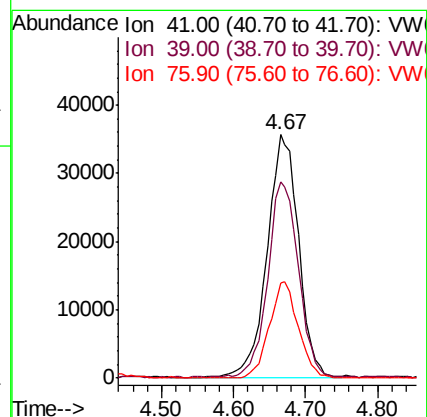
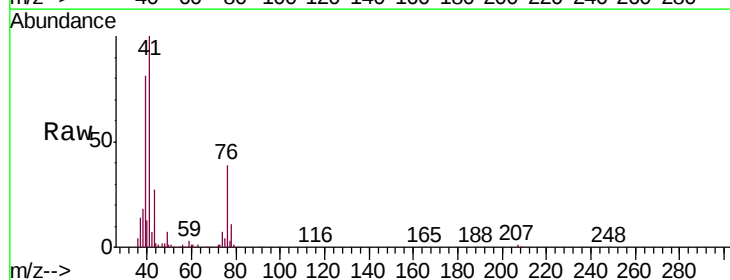
Tgt Ion: 41 Resp: 107647

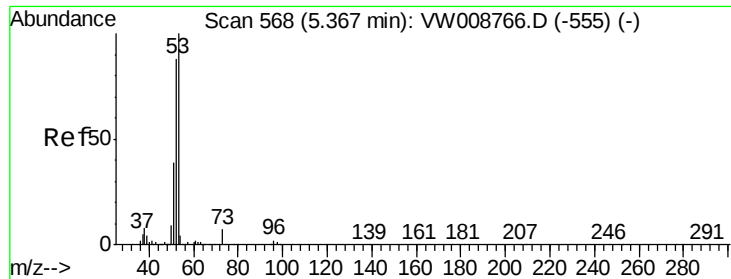
Ion Ratio Lower Upper

41 100

39 77.9 60.6 91.0

76 36.7 28.6 42.8





#15

Acrylonitrile

Concen: 107.899 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

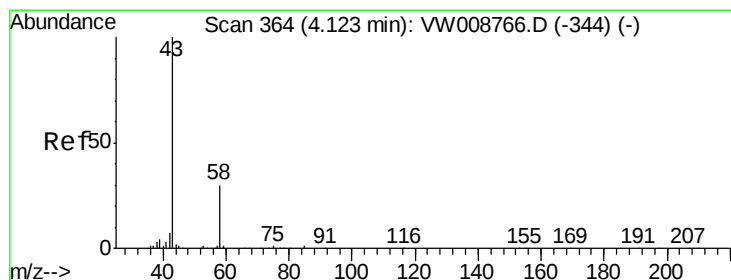
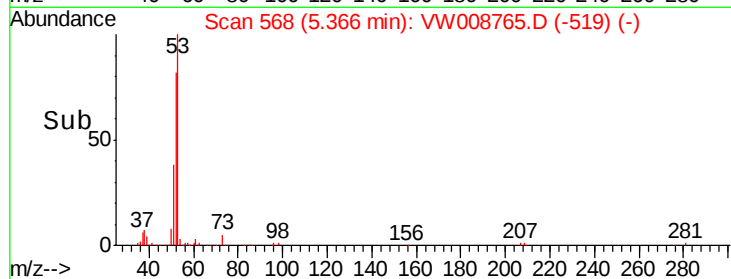
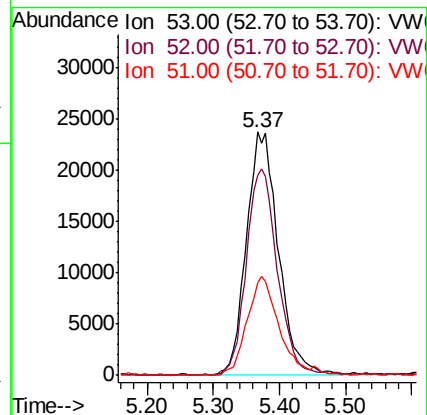
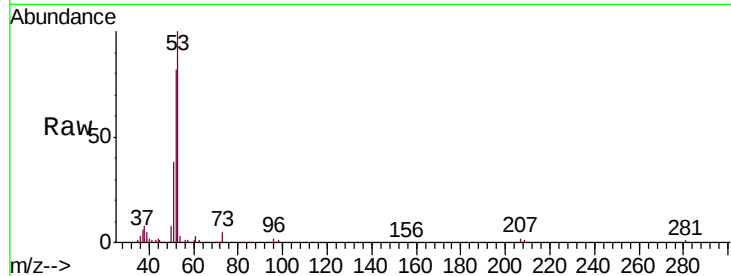
Tgt Ion: 53 Resp: 80167

Ion Ratio Lower Upper

53 100

52 81.8 67.2 100.8

51 39.8 31.1 46.7



#16

Acetone

Concen: 104.466 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008765.D

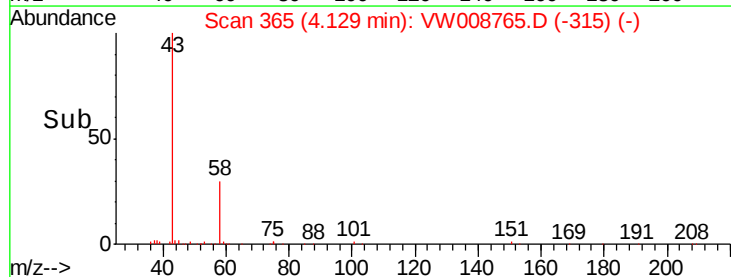
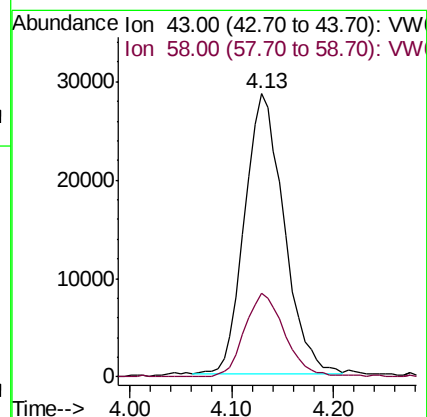
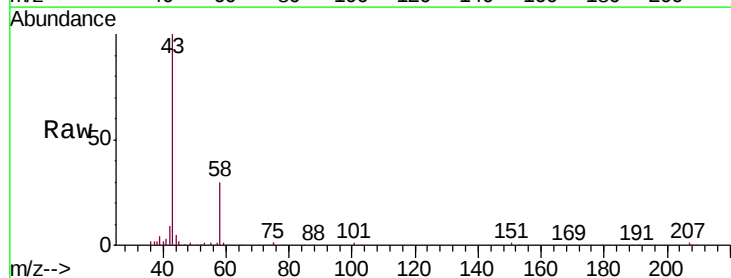
Acq: 21 Feb 2019 11:47

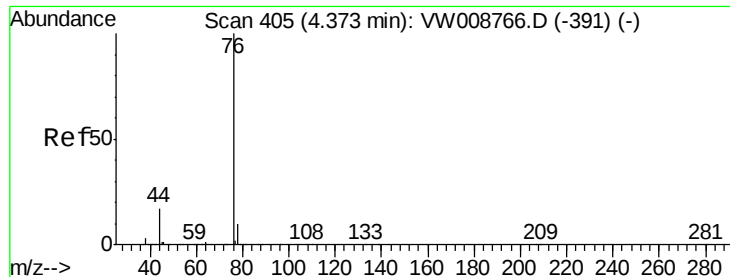
Tgt Ion: 43 Resp: 76069

Ion Ratio Lower Upper

43 100

58 29.9 23.8 35.6





#17

Carbon Disulfide

Concen: 20.471 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

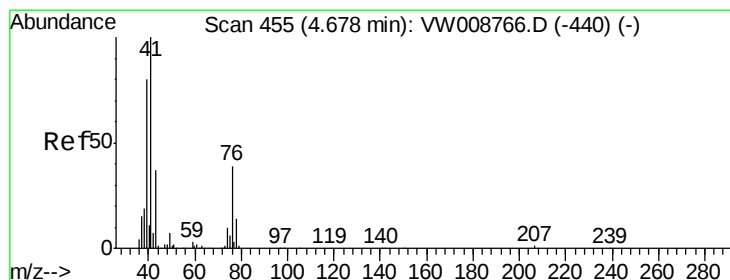
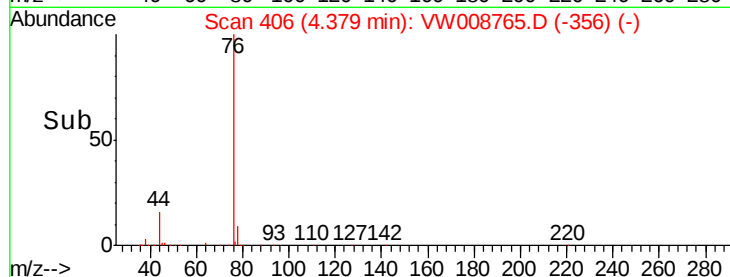
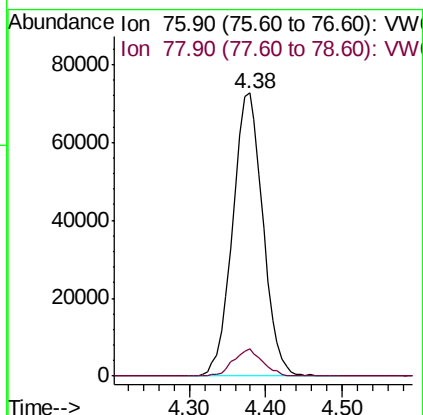
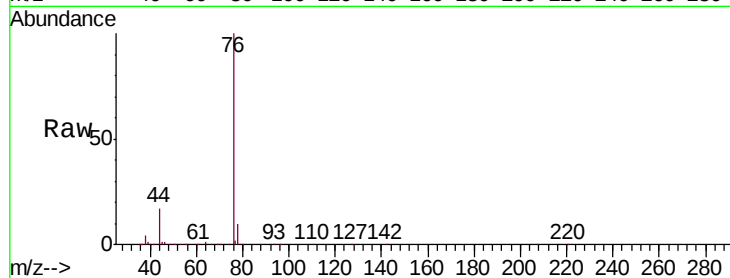
VSTDIC020

Tgt Ion: 76 Resp: 199190

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8



#18

Methyl Acetate

Concen: 21.026 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW008765.D

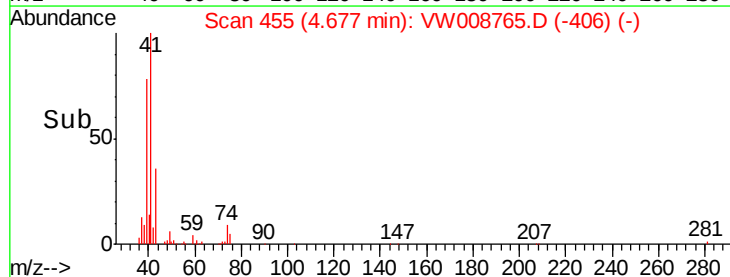
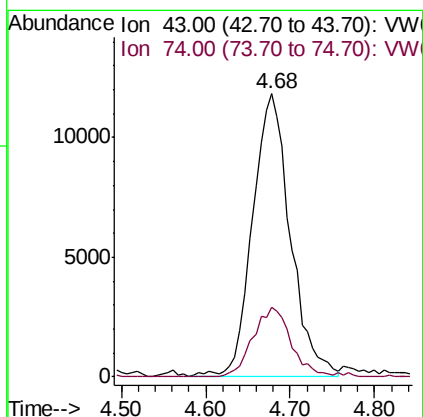
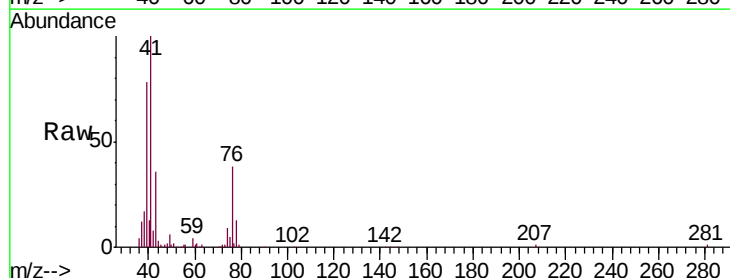
Acq: 21 Feb 2019 11:47

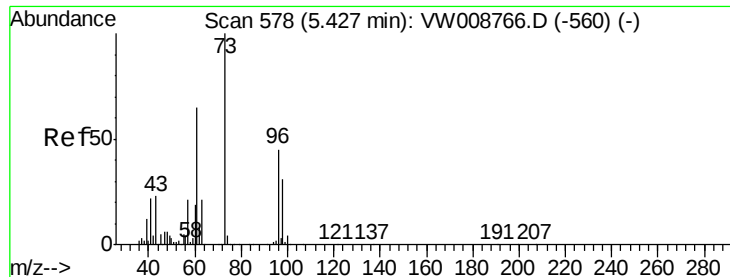
Tgt Ion: 43 Resp: 36315

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.2



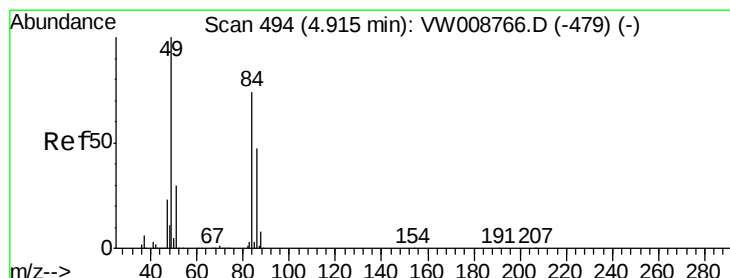
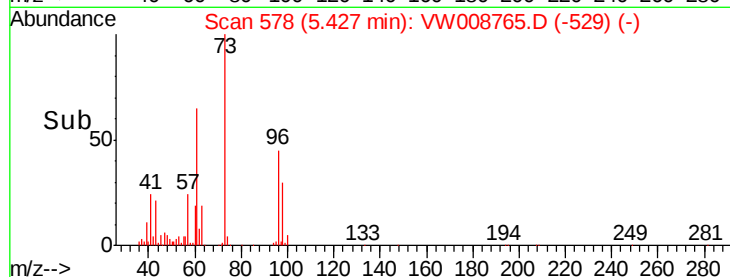
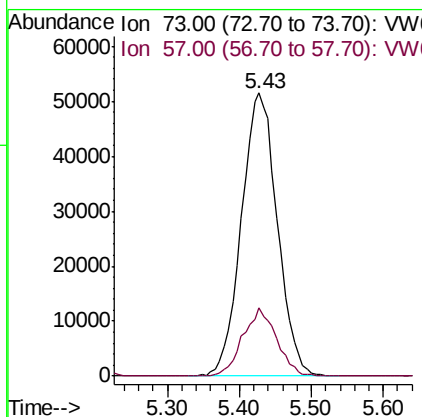
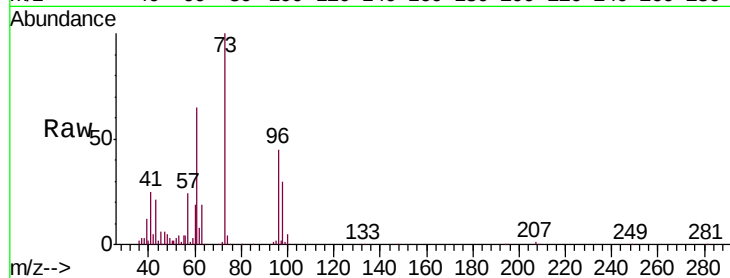


#19

Methyl tert-butyl Ether
 Concen: 22.437 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

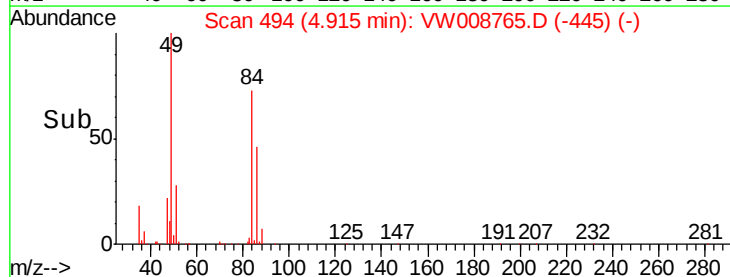
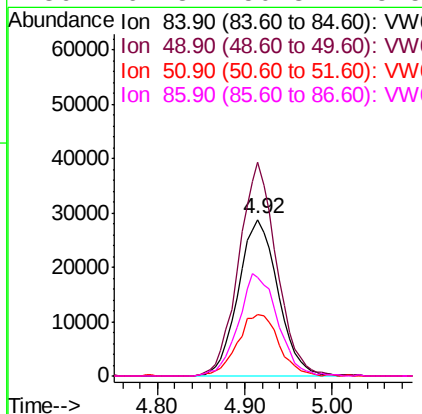
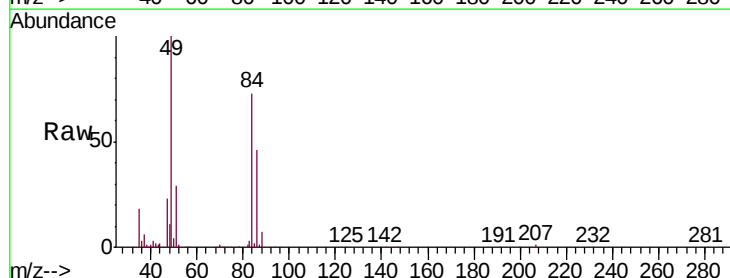
Tgt Ion: 73 Resp: 178101
 Ion Ratio Lower Upper
 73 100
 57 24.0 16.8 25.2

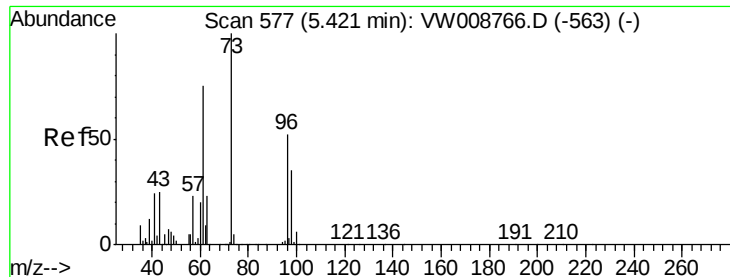


#20

Methylene Chloride
 Concen: 21.174 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 84 Resp: 90905
 Ion Ratio Lower Upper
 84 100
 49 136.4 108.2 162.2
 51 39.0 32.7 49.1
 86 62.8 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 21.443 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

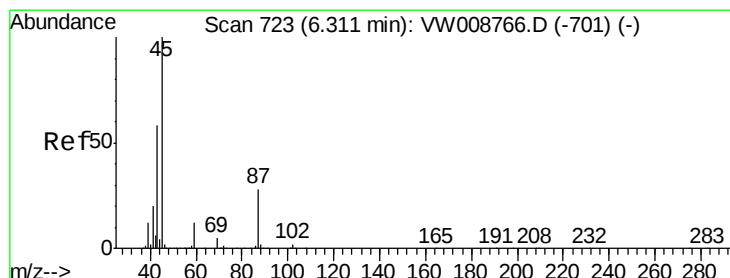
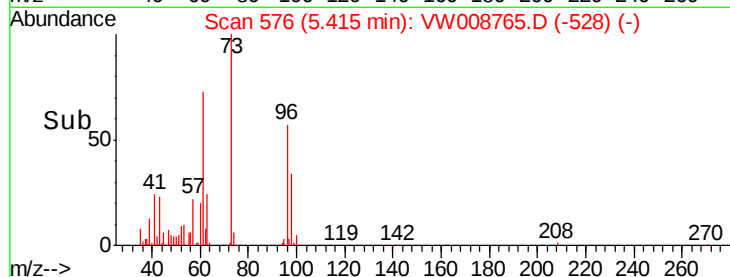
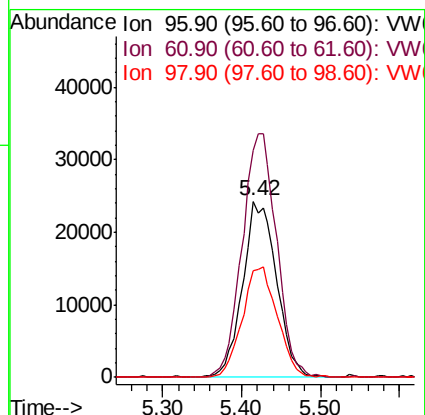
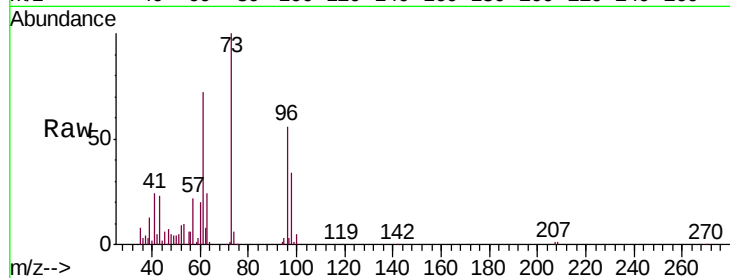
Tgt Ion: 96 Resp: 72741

Ion Ratio Lower Upper

96 100

61 128.3 114.6 171.8

98 60.8 54.0 81.0



#22

Diisopropyl ether

Concen: 21.951 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Tgt Ion: 45 Resp: 221635

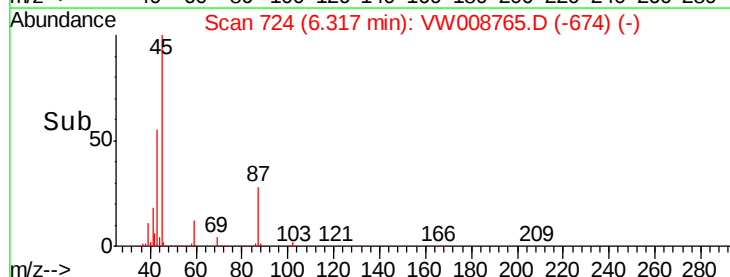
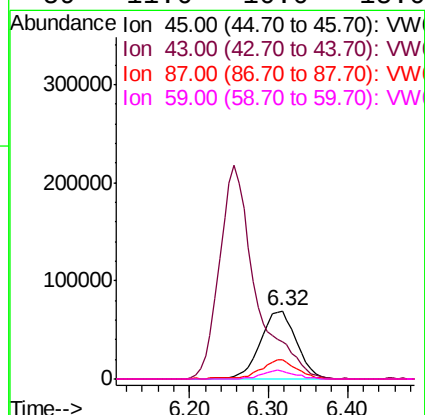
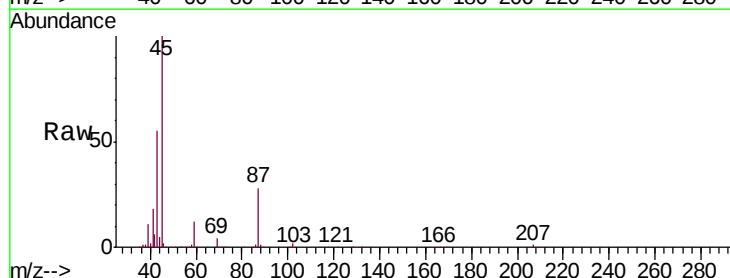
Ion Ratio Lower Upper

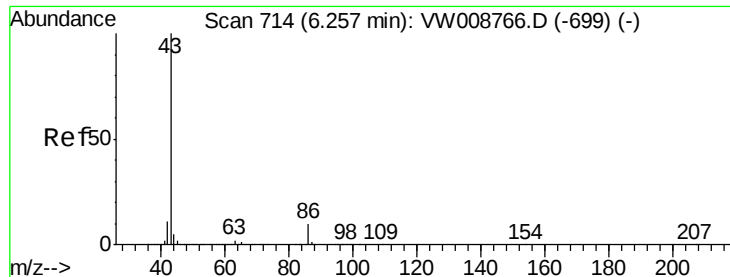
45 100

43 54.4 46.1 69.1

87 27.8 22.2 33.4

59 11.6 10.0 15.0

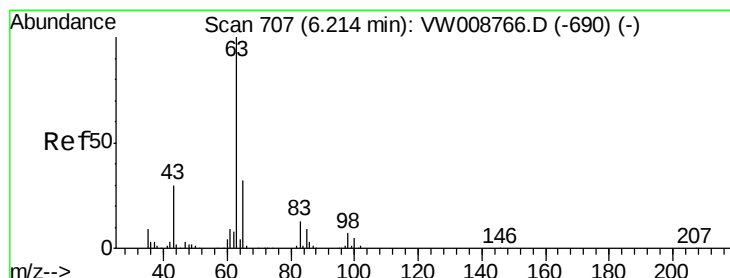
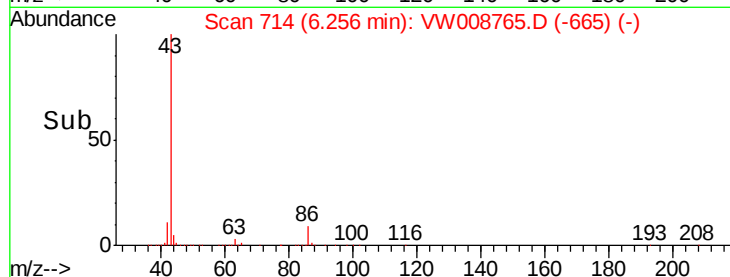
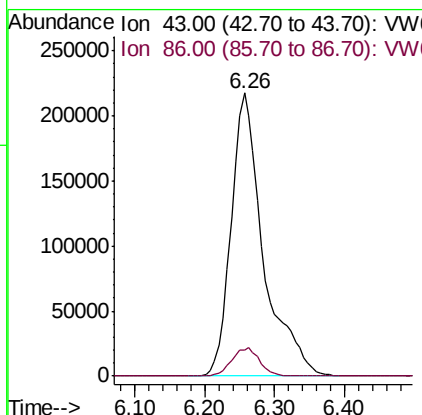
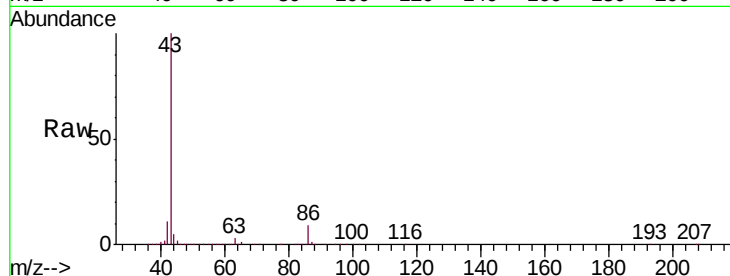




#23
 Vinyl Acetate
 Concen: 111.776 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

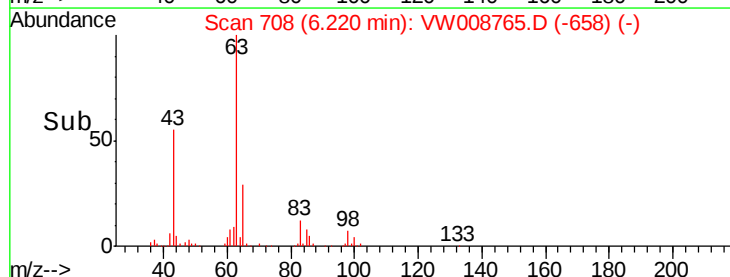
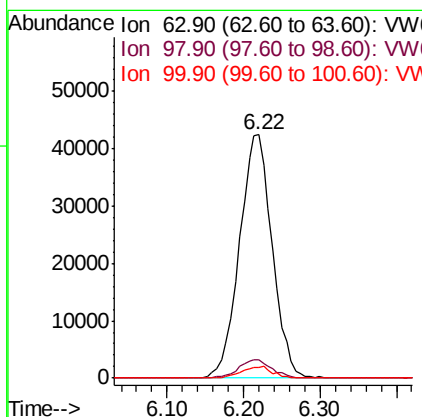
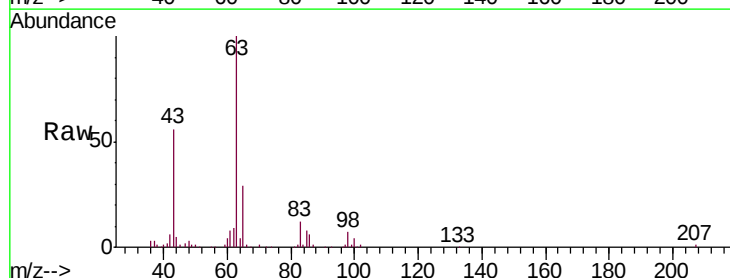
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

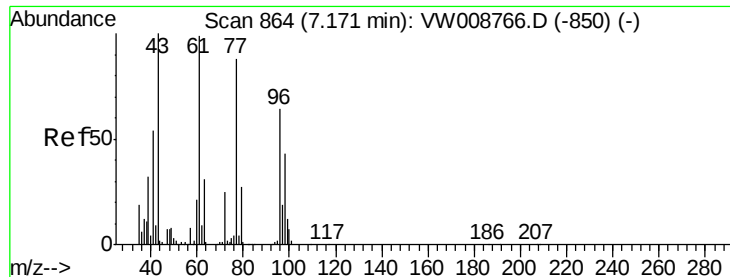
Tgt Ion: 43 Resp: 697298
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 21.513 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 63 Resp: 125868
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 108.293 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

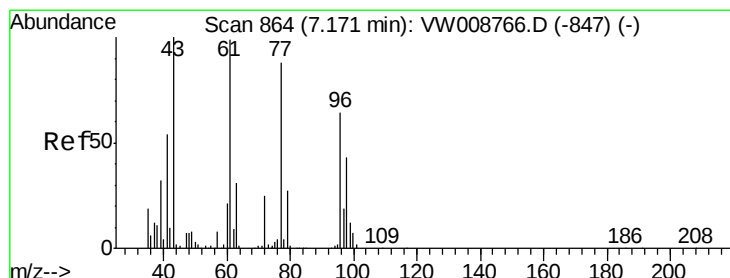
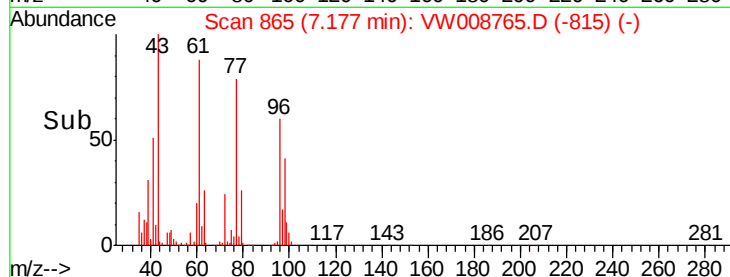
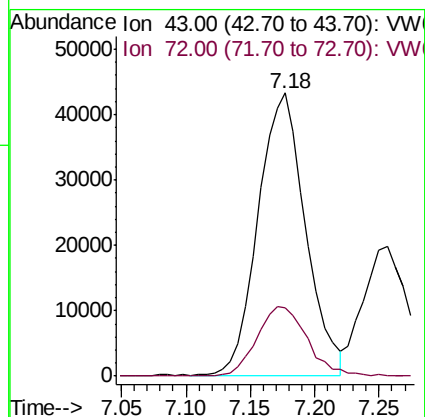
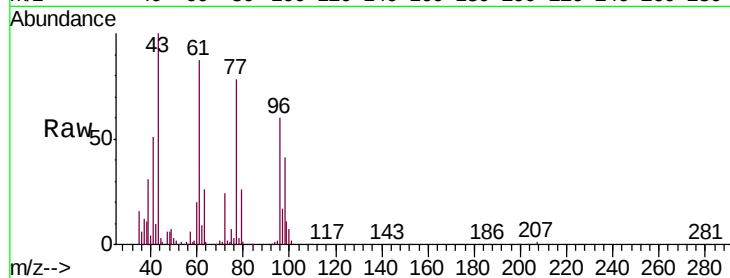
VSTDIC020

Tgt Ion: 43 Resp: 110245

Ion Ratio Lower Upper

43 100

72 24.1 19.7 29.5



#26

2,2-Dichloropropane

Concen: 21.128 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008765.D

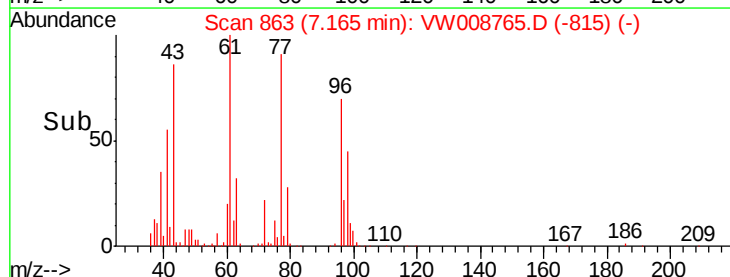
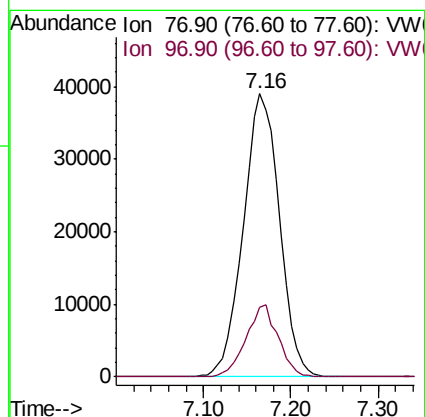
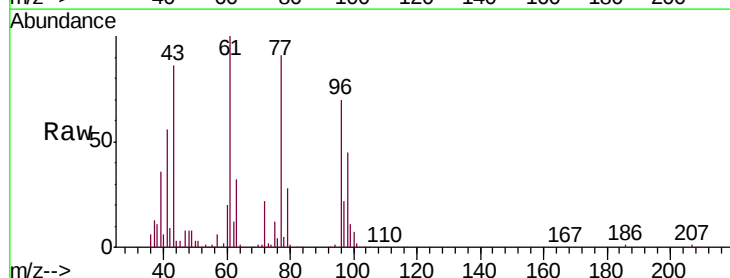
Acq: 21 Feb 2019 11:47

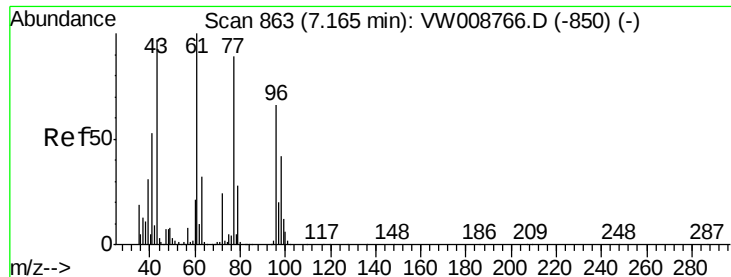
Tgt Ion: 77 Resp: 112227

Ion Ratio Lower Upper

77 100

97 22.7 11.0 33.0



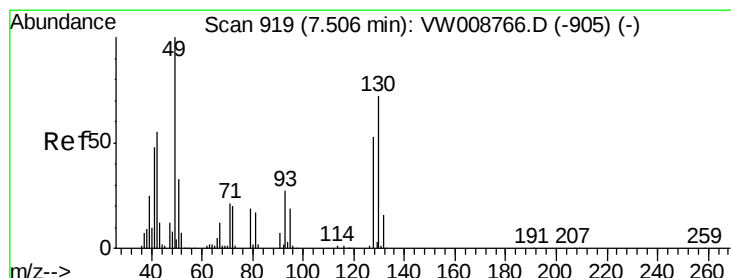
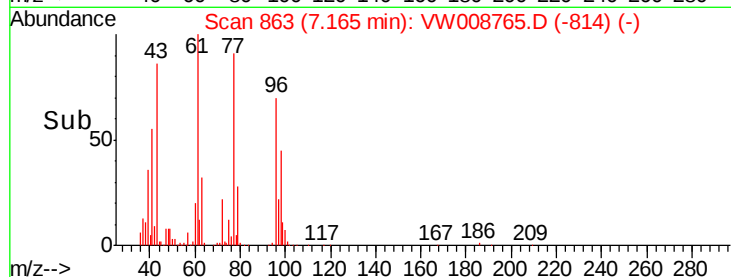
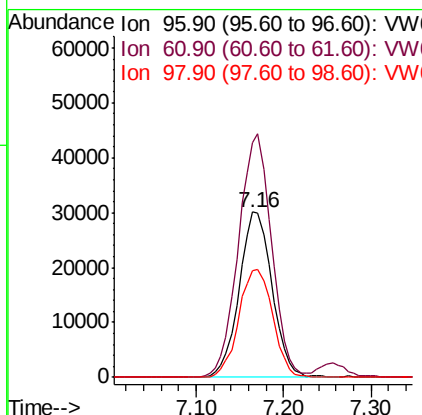
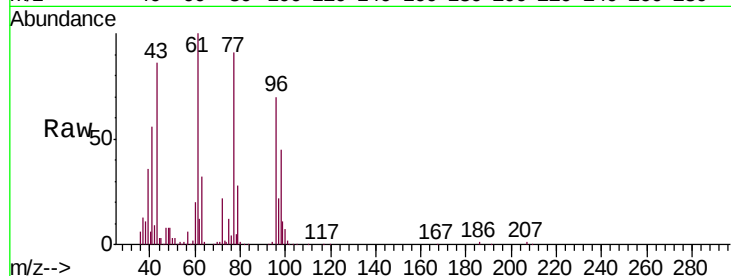


#27

cis-1,2-Dichloroethene
 Concen: 21.731 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

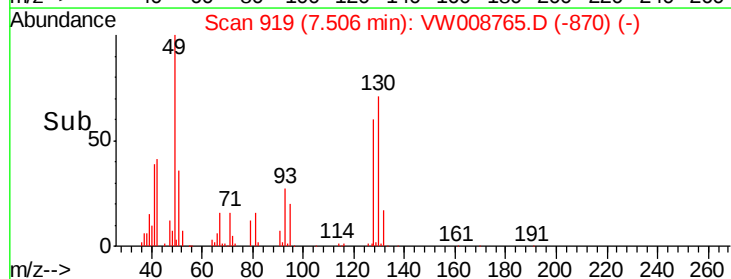
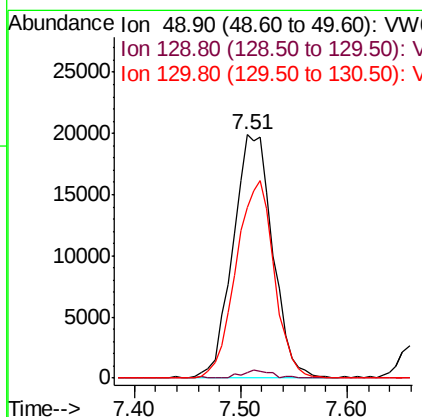
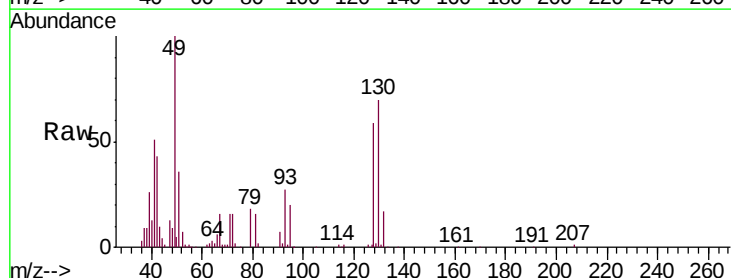
Tgt Ion: 96 Resp: 78855
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 302.6
 98 67.1 0.0 130.0

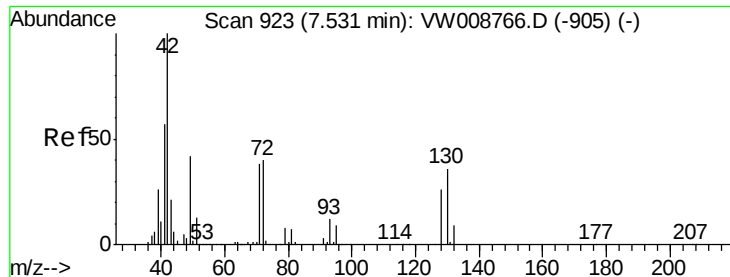


#28

Bromochloromethane
 Concen: 21.295 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 49 Resp: 52138
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.6
 130 77.7 61.3 91.9

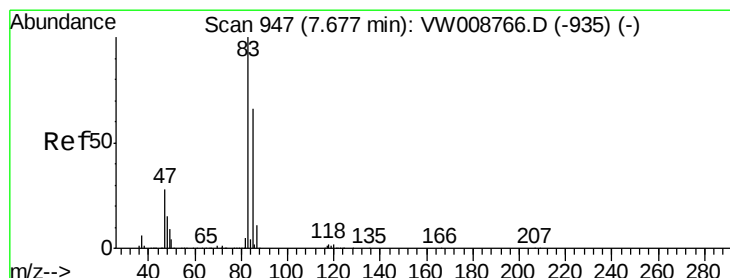
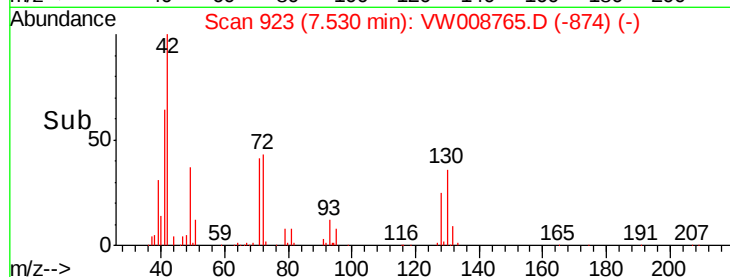
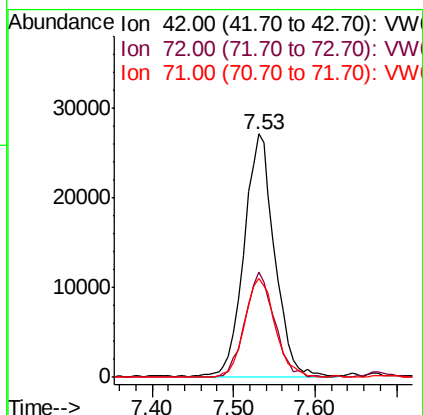
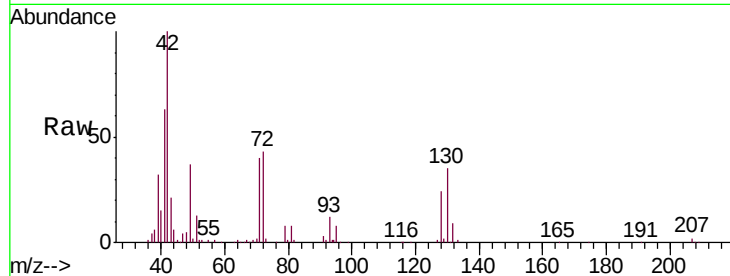




#29
Tetrahydrofuran
Concen: 107.726 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

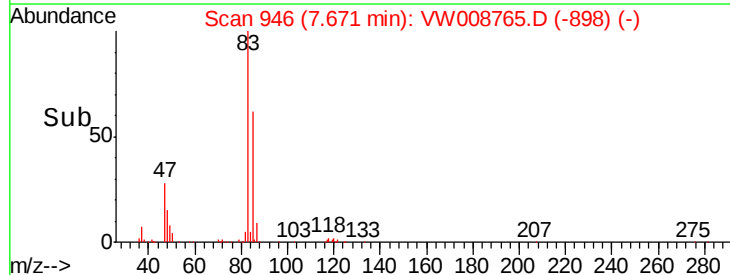
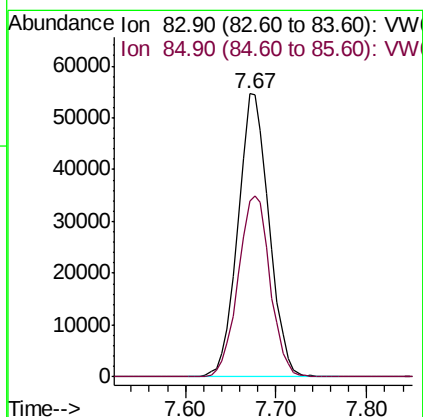
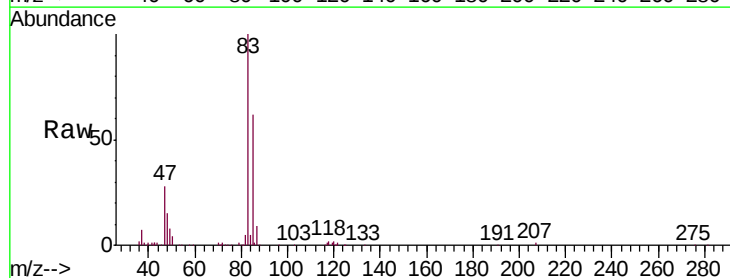
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

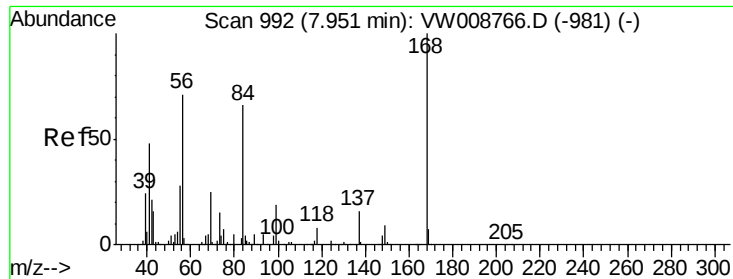
Tgt Ion: 42 Resp: 69888
Ion Ratio Lower Upper
42 100
72 42.4 32.7 49.1
71 41.3 31.3 46.9



#30
Chloroform
Concen: 21.596 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion: 83 Resp: 129625
Ion Ratio Lower Upper
83 100
85 62.3 52.6 79.0

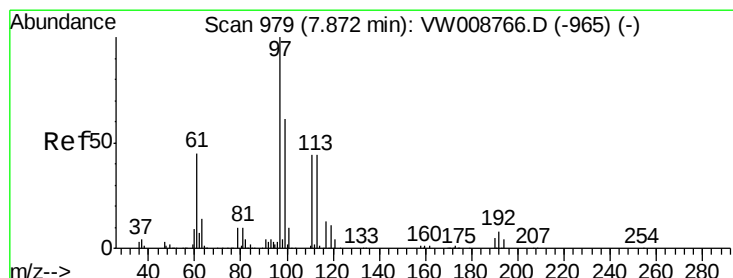
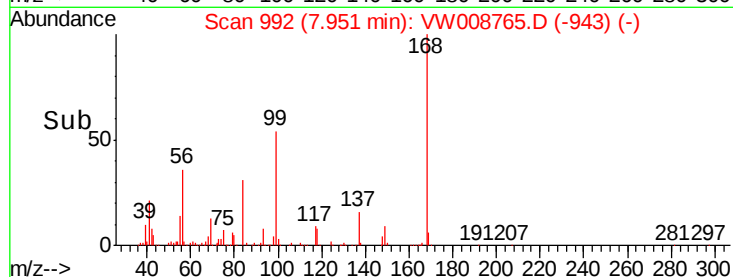
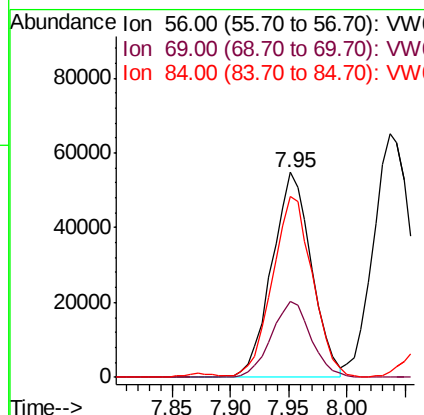
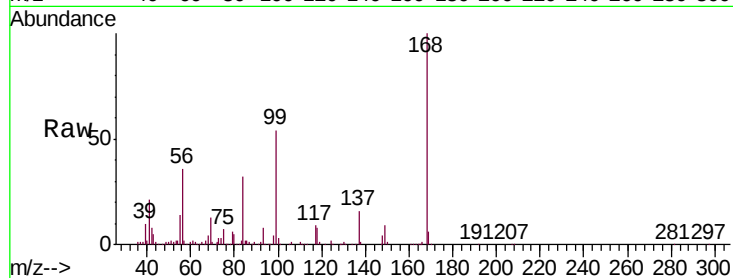




#31
Cyclohexane
Concen: 21.672 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

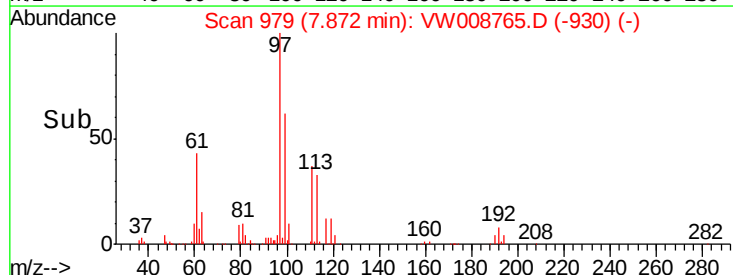
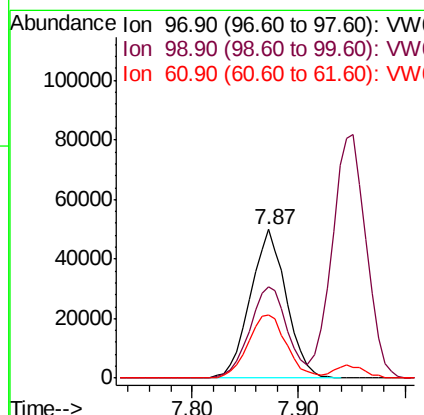
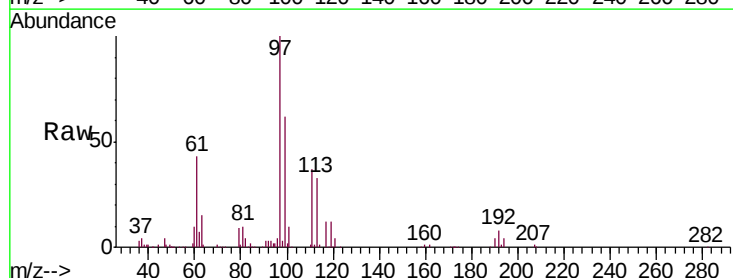
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

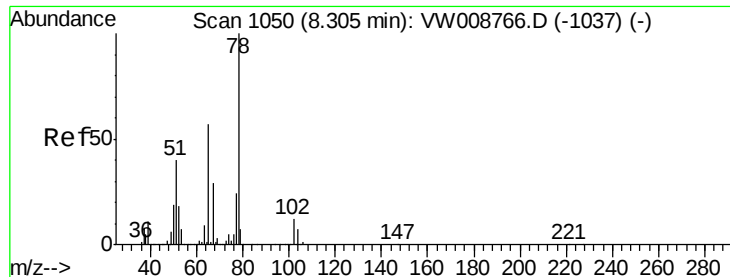
Tgt Ion: 56 Resp: 128352
Ion Ratio Lower Upper
56 100
69 36.7 28.2 42.4
84 86.4 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 21.744 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion: 97 Resp: 118688
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 45.7 36.0 54.0

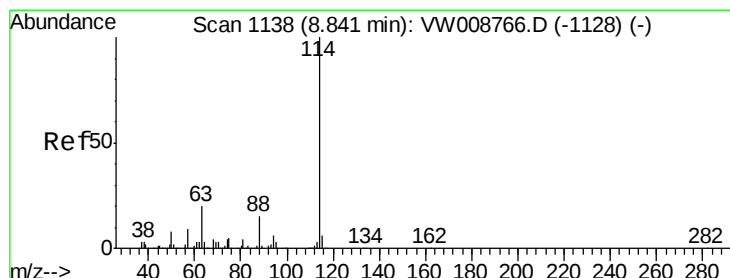
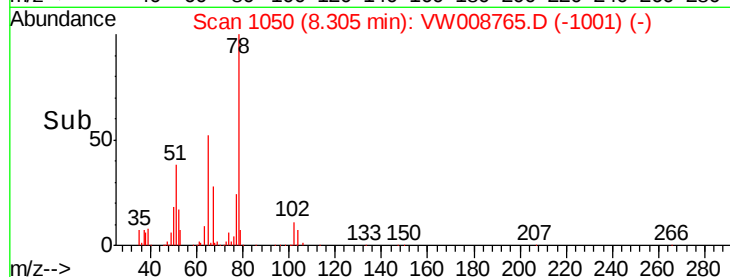
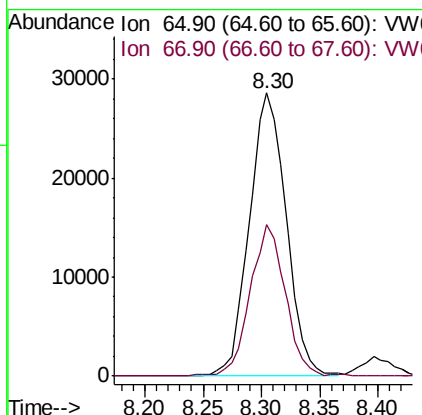
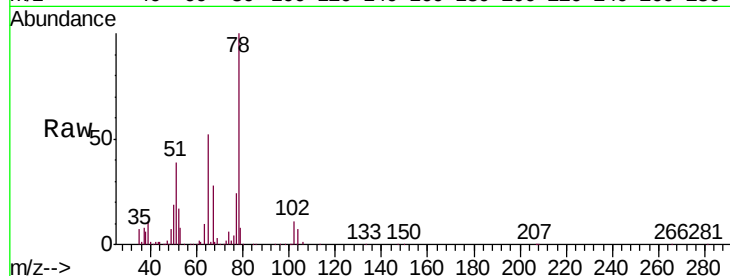




#33
 1,2-Dichloroethane-d4
 Concen: 20.095 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

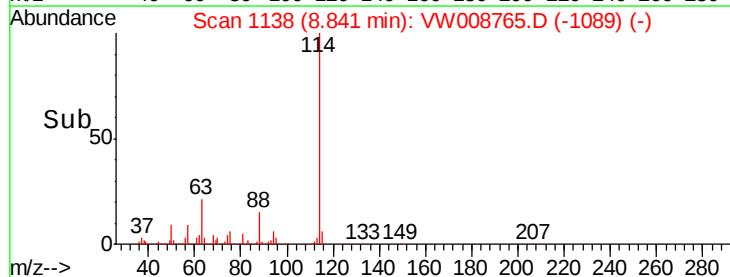
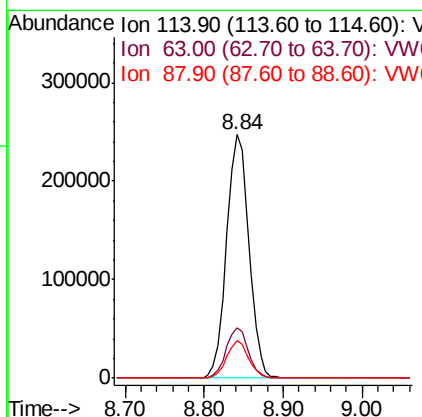
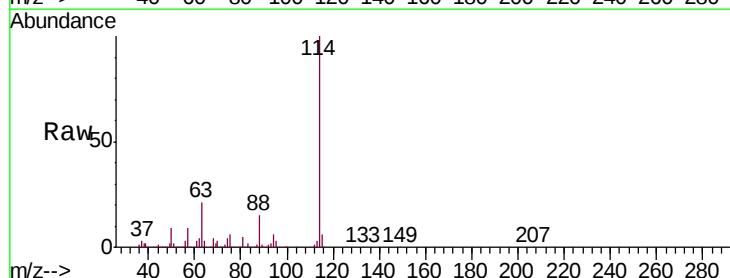
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

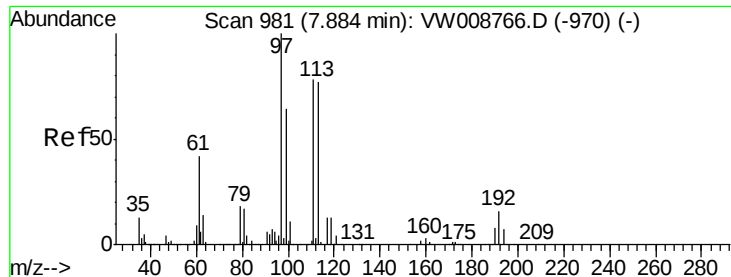
Tgt Ion: 65 Resp: 63127
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 114 Resp: 488695
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 19.931 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

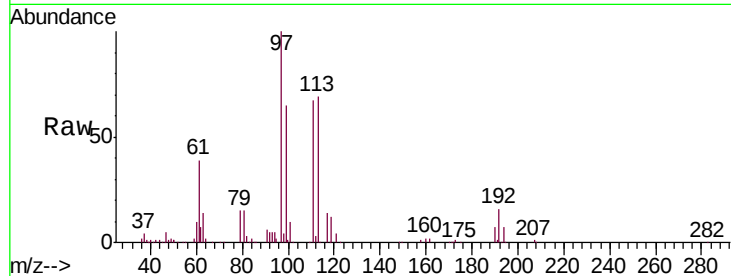
Tgt Ion:113 Resp: 58480

Ion Ratio Lower Upper

113 100

111 100.9 81.9 122.9

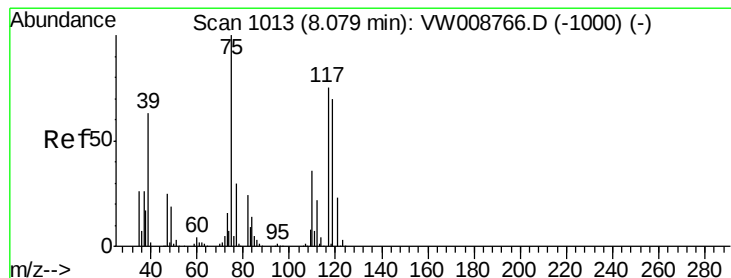
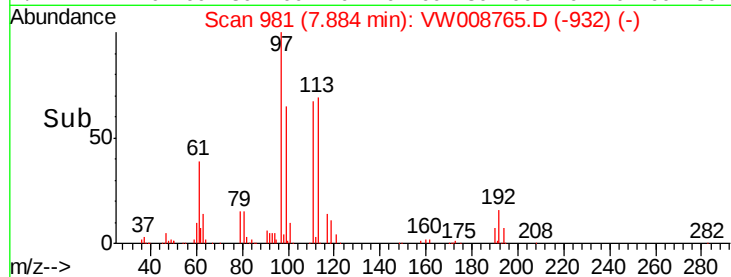
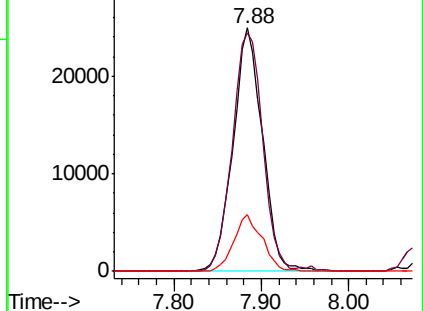
192 22.3 17.1 25.7



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: 21.835 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

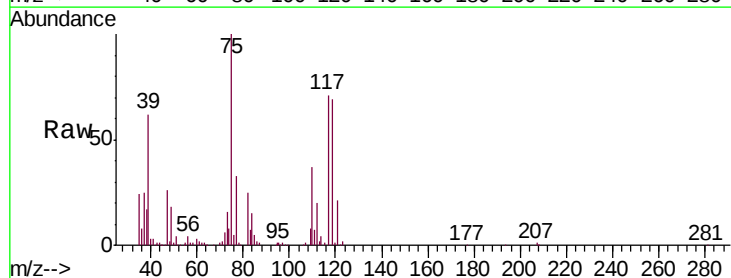
Tgt Ion: 75 Resp: 103874

Ion Ratio Lower Upper

75 100

110 37.1 17.5 52.6

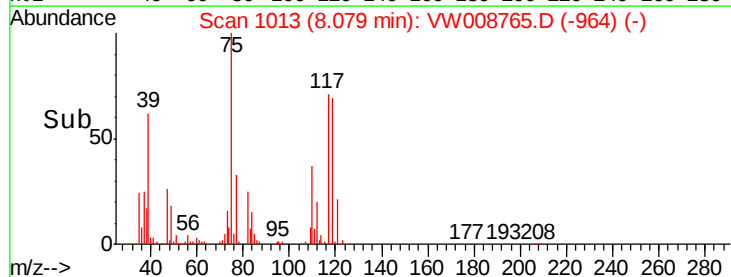
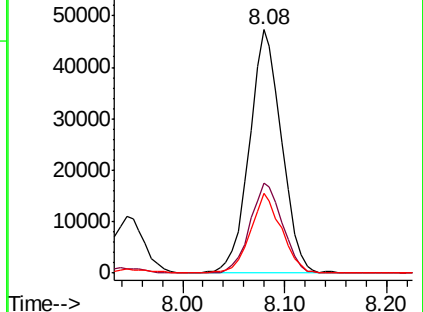
77 31.8 24.5 36.7

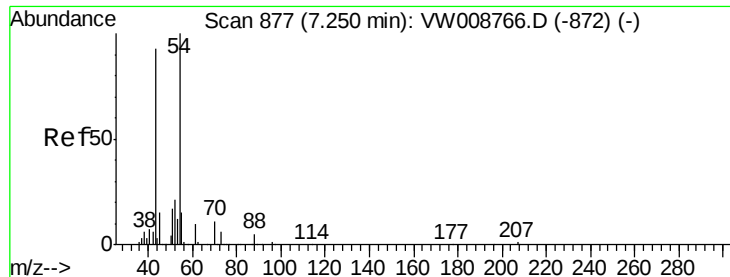


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

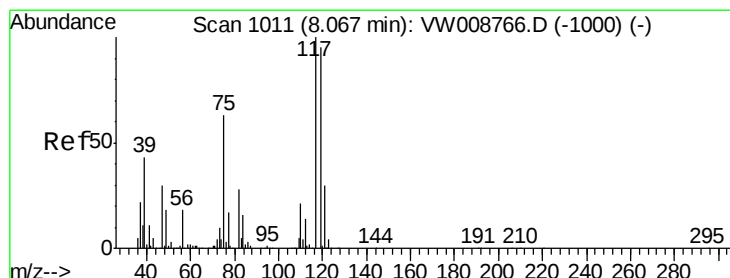
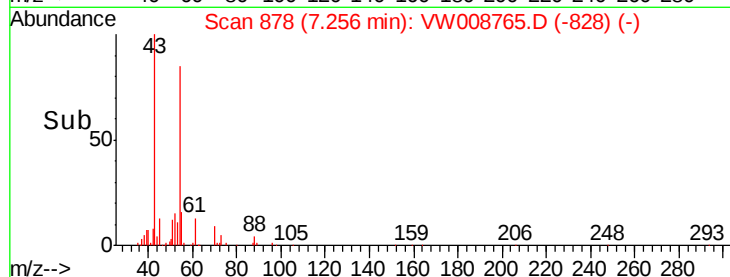
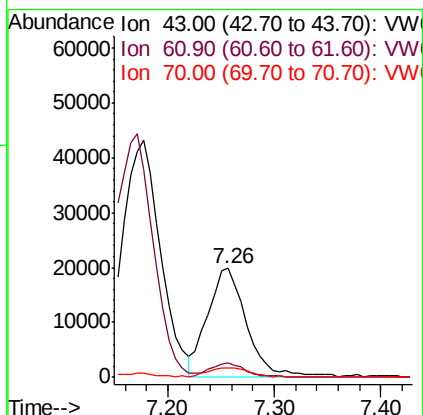
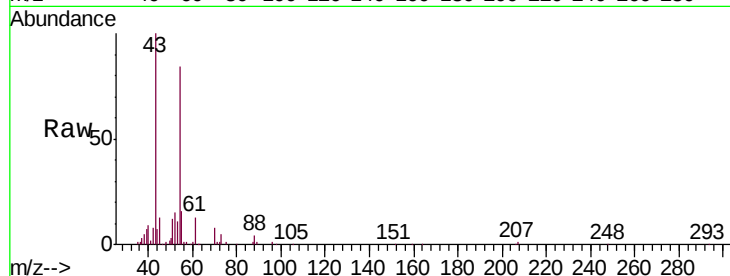




#37
 Ethyl Acetate
 Concen: 22.542 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

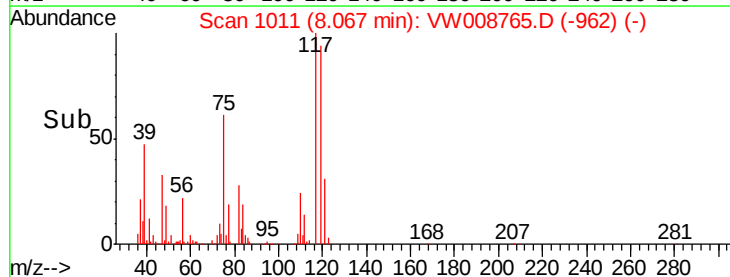
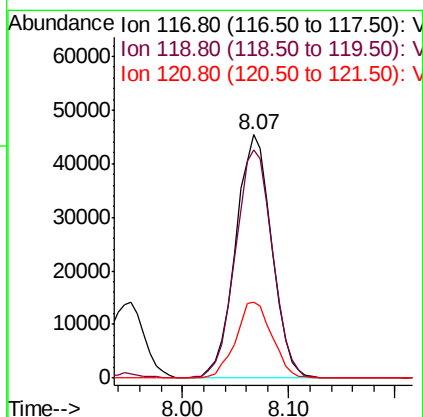
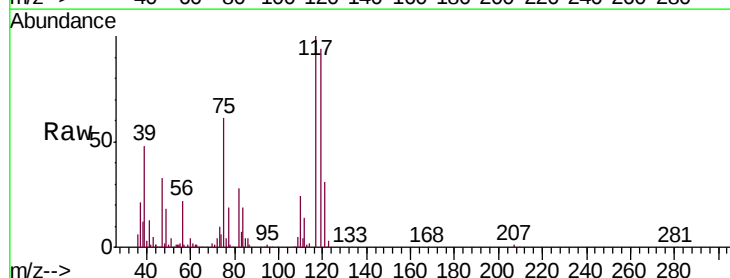
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

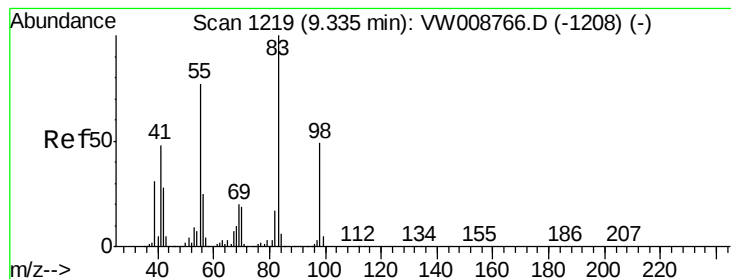
Tgt Ion: 43 Resp: 49868
 Ion Ratio Lower Upper
 43 100
 61 11.5 9.8 14.8
 70 9.9 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 21.574 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 117 Resp: 108232
 Ion Ratio Lower Upper
 117 100
 119 93.5 76.1 114.1
 121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 21.125 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

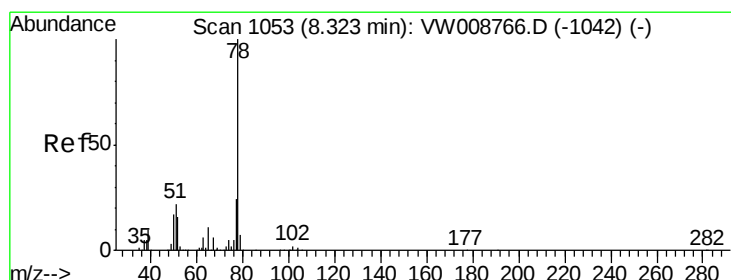
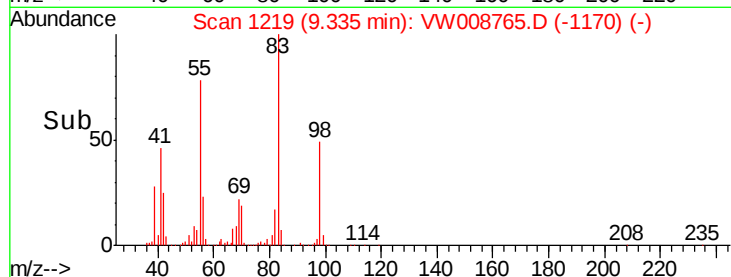
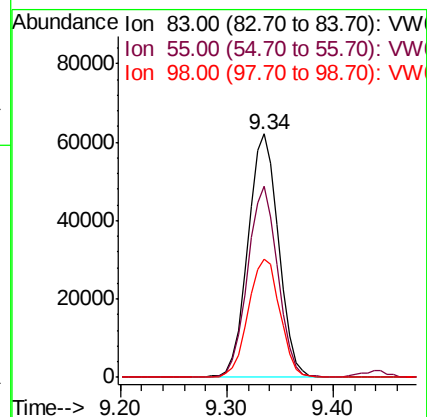
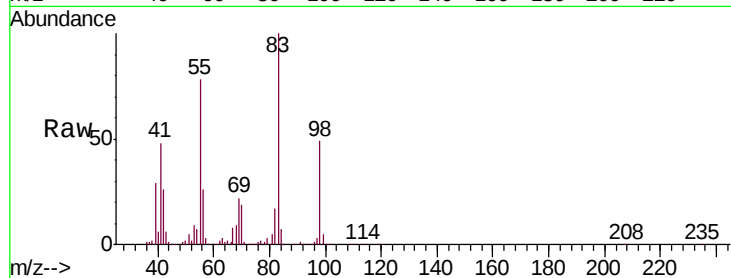
Tgt Ion: 83 Resp: 125347

Ion Ratio Lower Upper

83 100

55 78.2 61.2 91.8

98 48.7 39.4 59.2



#40

Benzene

Concen: 21.595 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW008765.D

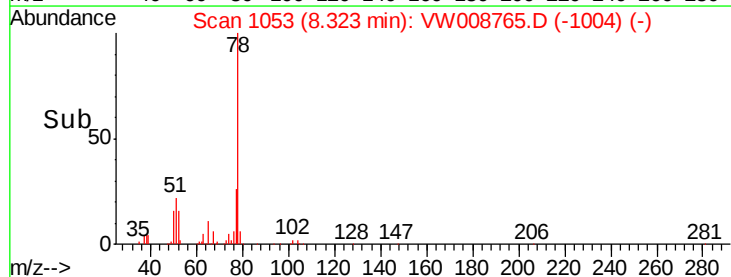
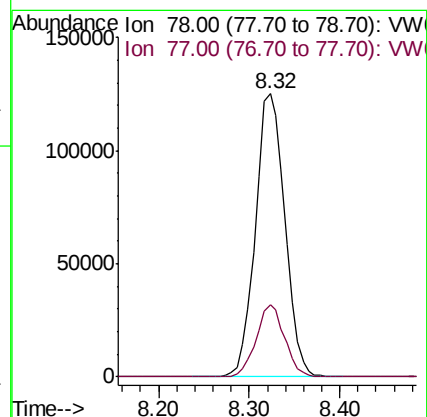
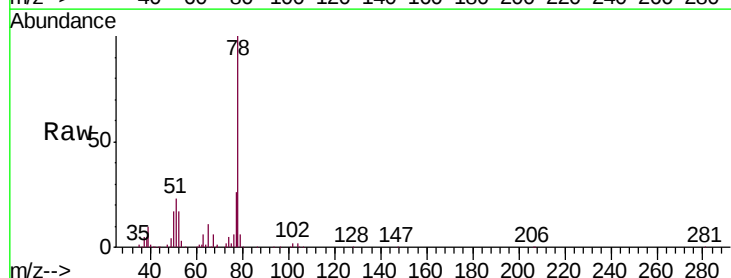
Acq: 21 Feb 2019 11:47

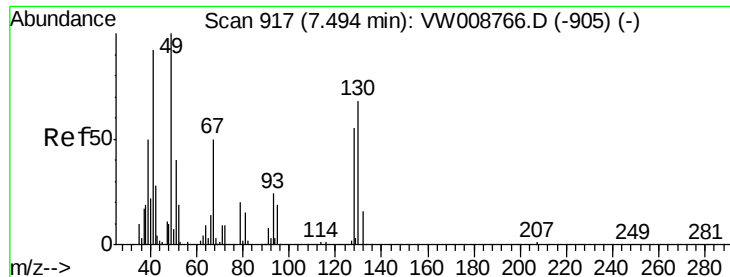
Tgt Ion: 78 Resp: 280483

Ion Ratio Lower Upper

78 100

77 25.7 19.3 28.9

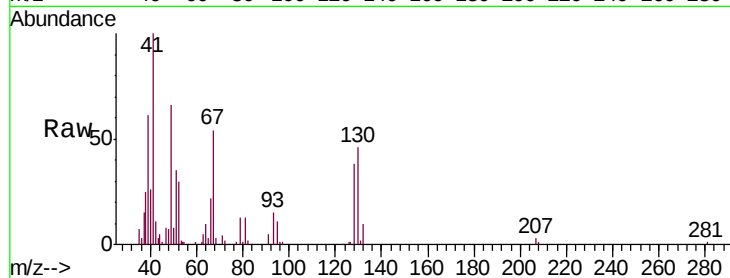




#41
Methacrylonitrile
Concen: 19.913 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	25894
Ion	Ratio	Lower	Upper
41	100		
39	56.2	52.5	78.7
67	73.7	55.0	82.6
52	34.2	26.9	40.3



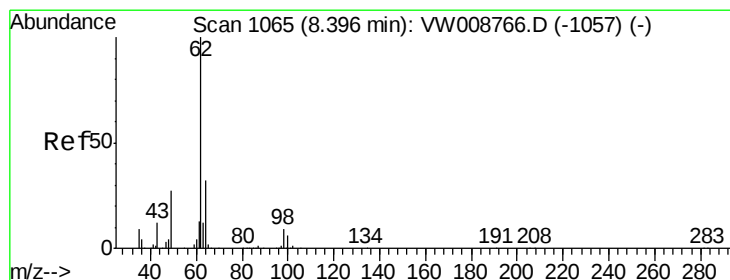
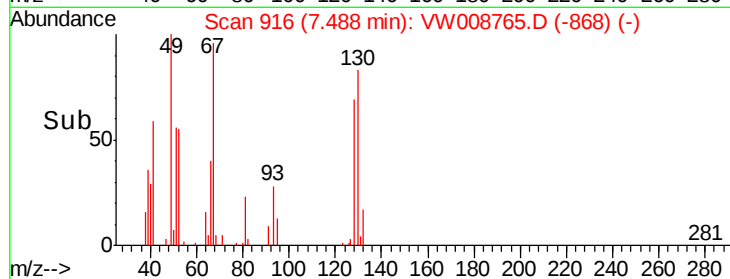
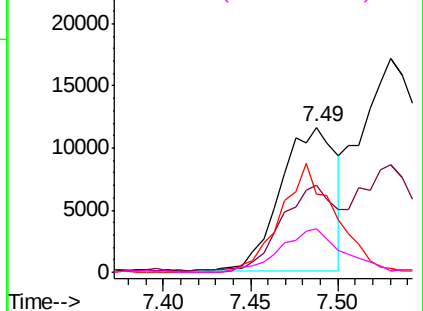
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

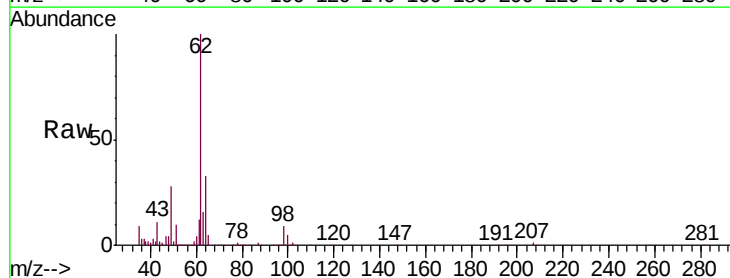
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 21.930 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

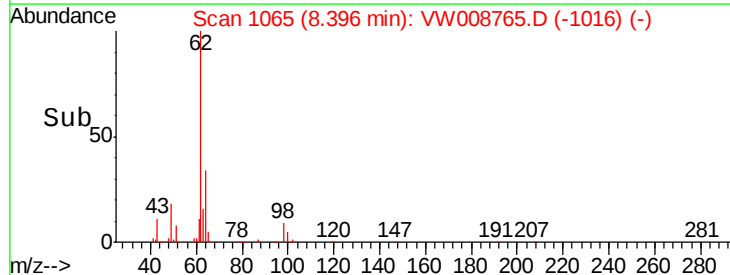
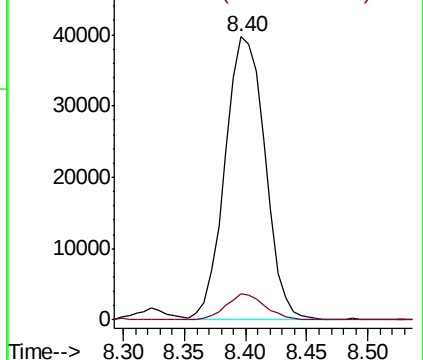
Tgt Ion:	62	Resp:	90232
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2

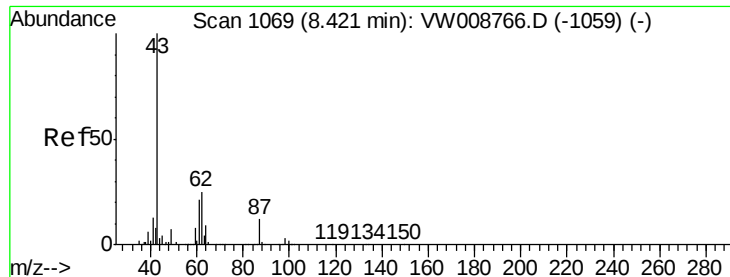


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.800 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

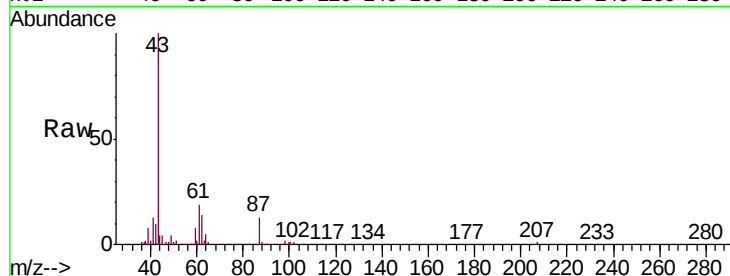
Tgt Ion: 43 Resp: 96247

Ion Ratio Lower Upper

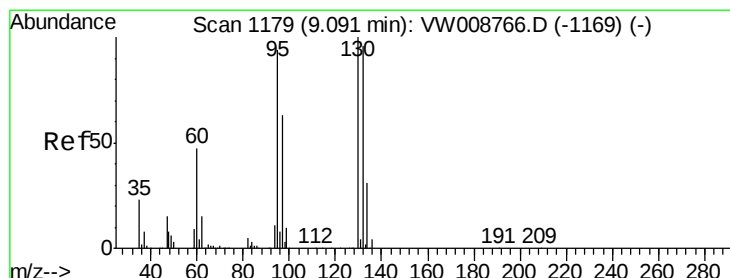
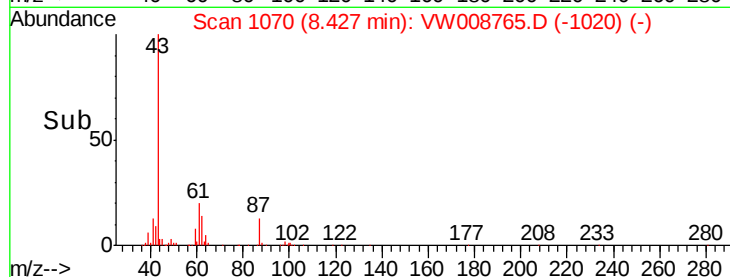
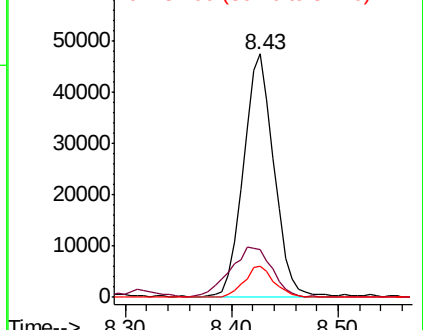
43 100

61 28.2 23.2 34.8

87 12.5 9.9 14.9



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: 21.690 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008765.D

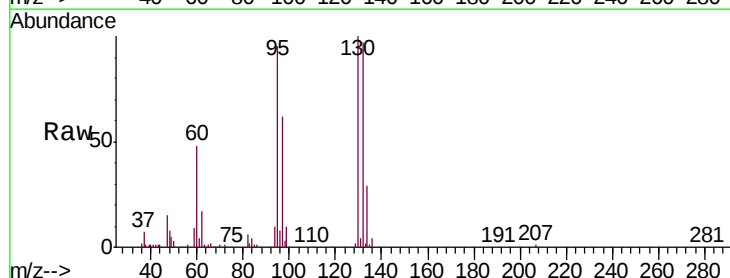
Acq: 21 Feb 2019 11:47

Tgt Ion: 130 Resp: 79363

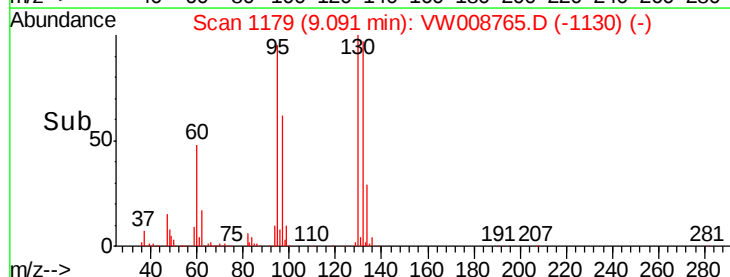
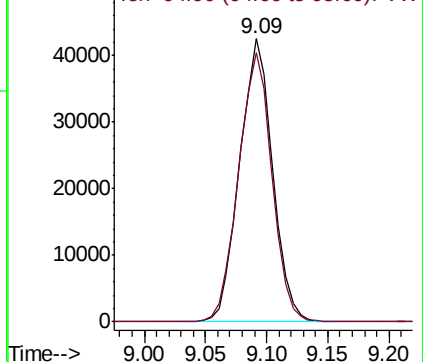
Ion Ratio Lower Upper

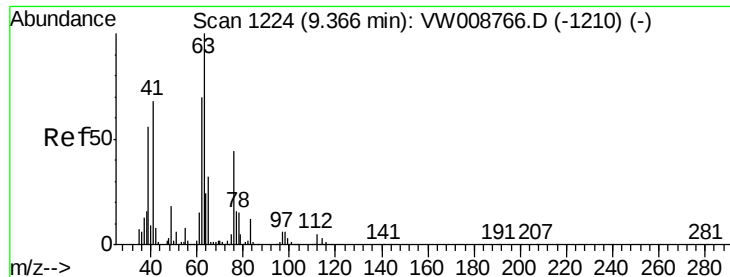
130 100

95 95.1 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 22.314 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

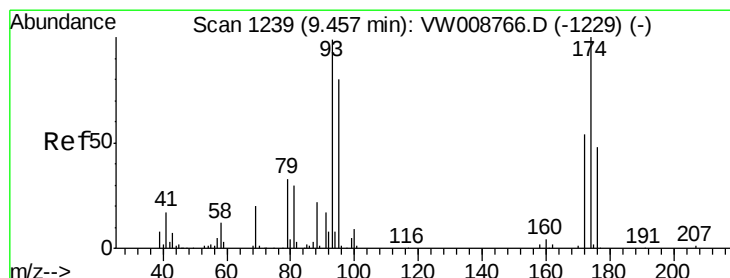
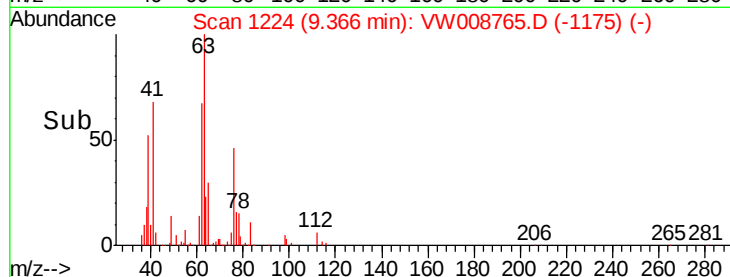
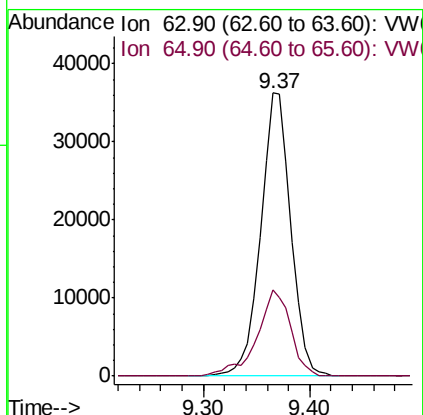
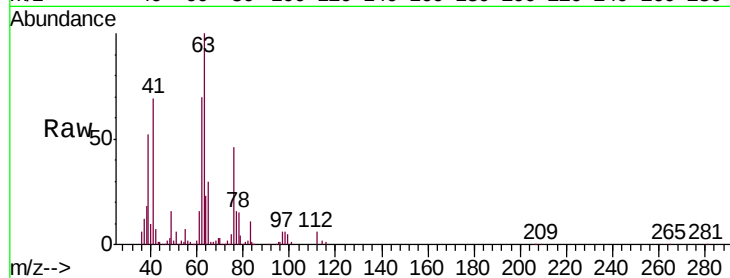
VSTDIC020

Tgt Ion: 63 Resp: 71621

Ion Ratio Lower Upper

63 100

65 30.3 25.5 38.3



#46

Dibromomethane

Concen: 21.869 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

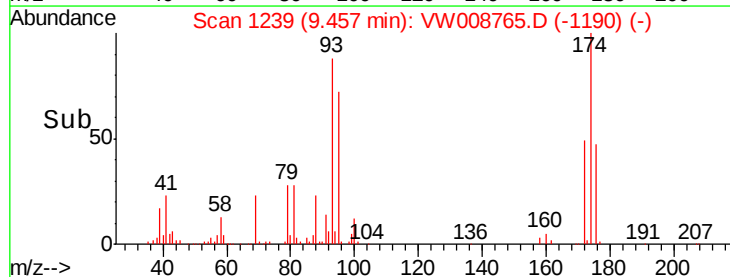
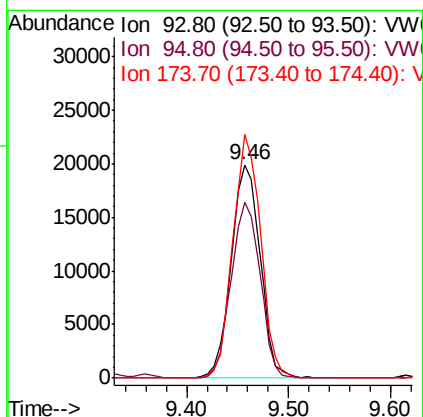
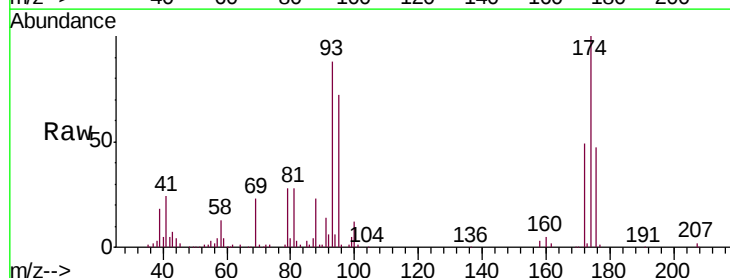
Tgt Ion: 93 Resp: 39043

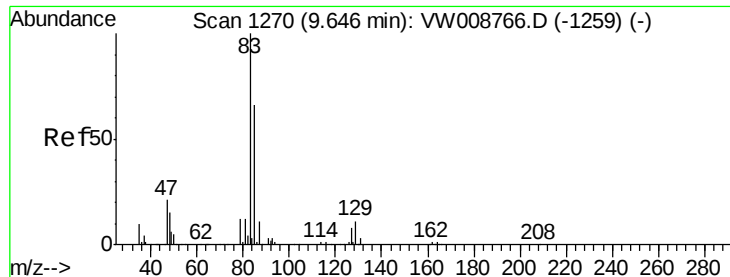
Ion Ratio Lower Upper

93 100

95 82.8 67.7 101.5

174 109.5 86.7 130.1





#47

Bromodichloromethane

Concen: 21.762 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

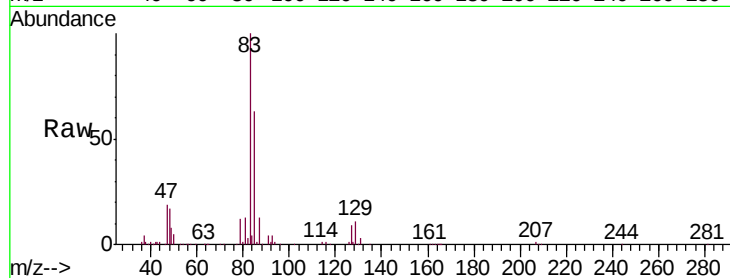
Tgt Ion: 83 Resp: 94529

Ion Ratio Lower Upper

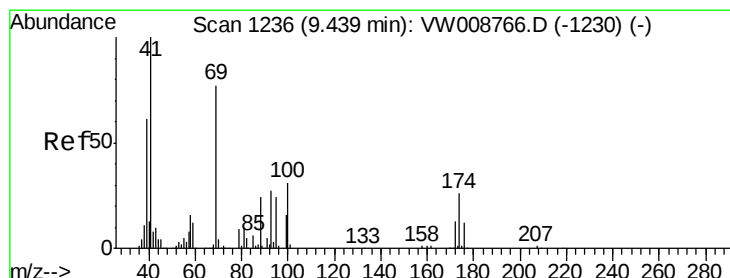
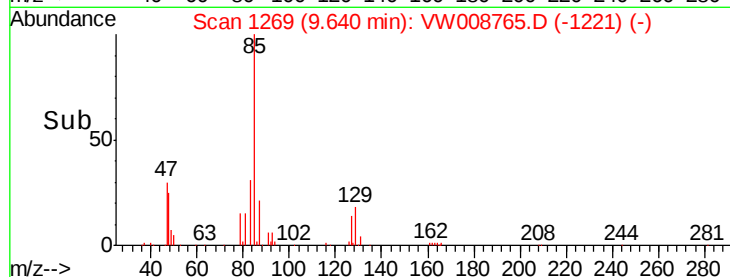
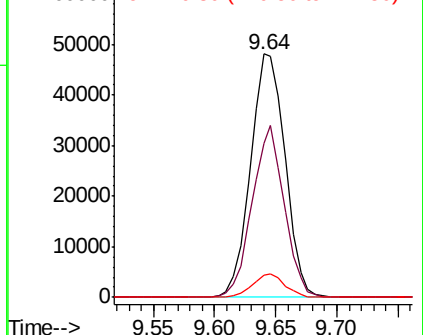
83 100

85 63.1 52.5 78.7

127 9.0 6.7 10.1



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): V



#48

Methyl methacrylate

Concen: 21.227 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

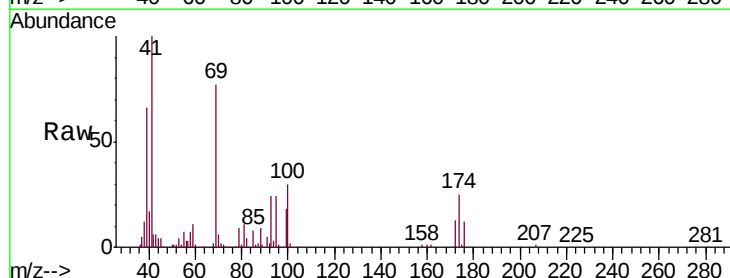
Tgt Ion: 41 Resp: 44886

Ion Ratio Lower Upper

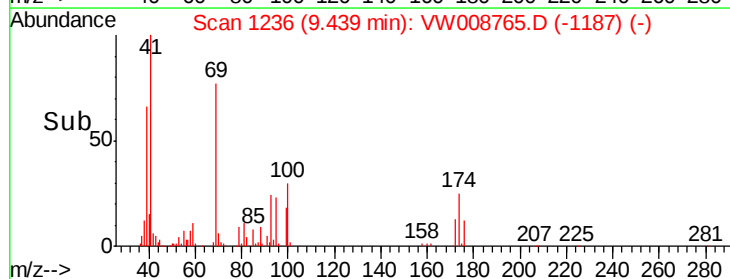
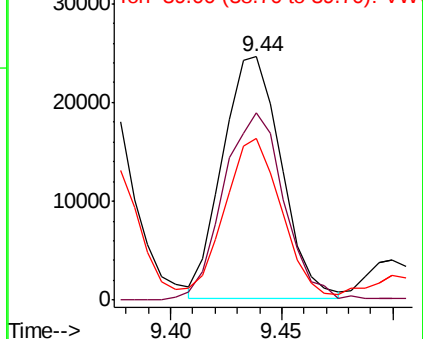
41 100

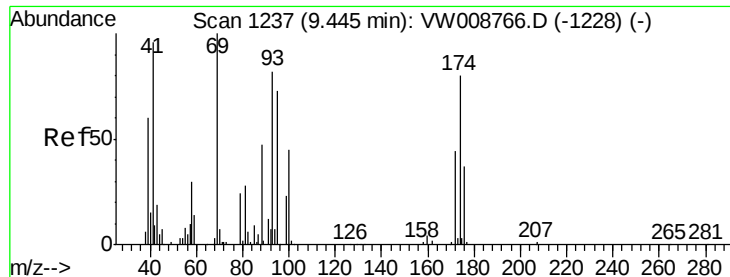
69 80.3 63.6 95.4

39 60.2 52.1 78.1



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





#49

1,4-Dioxane

Concen: 381.424 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

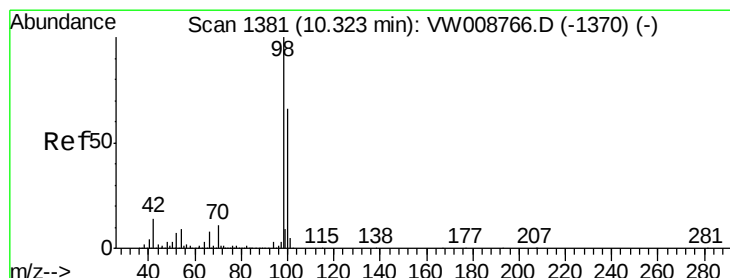
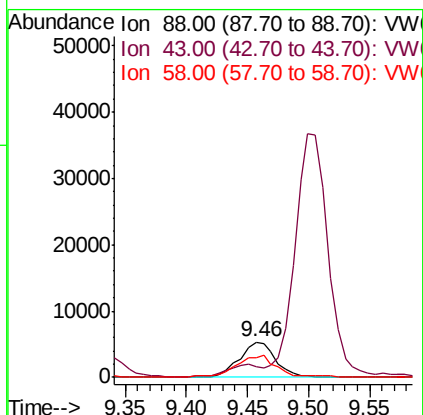
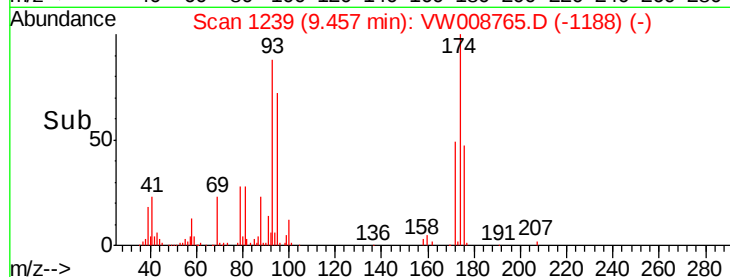
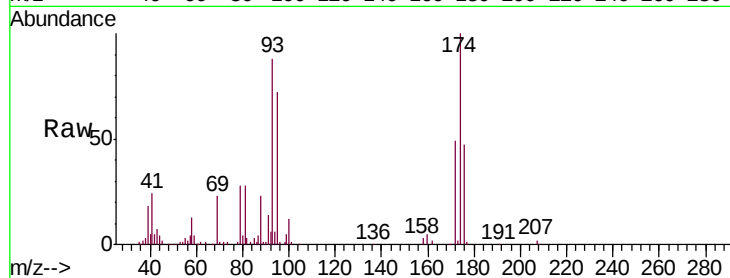
Tgt Ion: 88 Resp: 10905

Ion Ratio Lower Upper

88 100

43 31.7 29.0 43.4

58 72.0 52.0 78.0



#50

Toluene-d8

Concen: 19.195 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008765.D

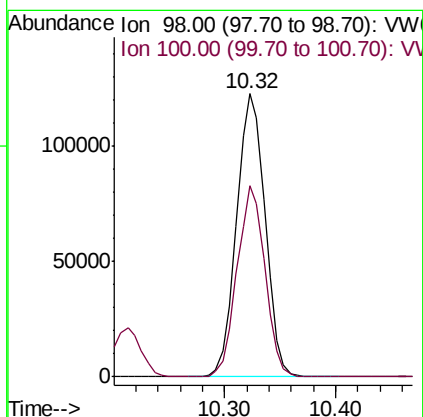
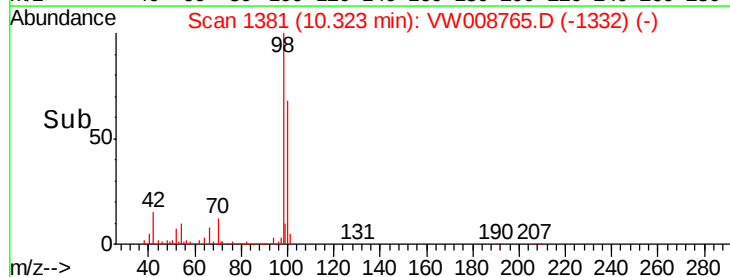
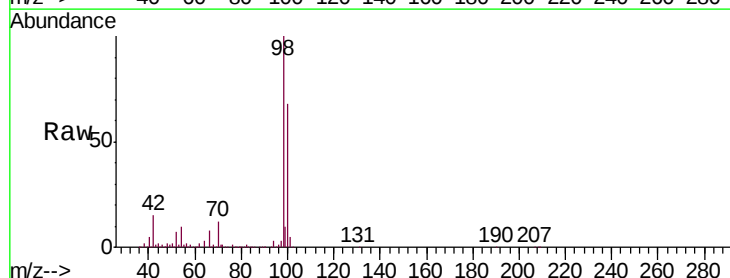
Acq: 21 Feb 2019 11:47

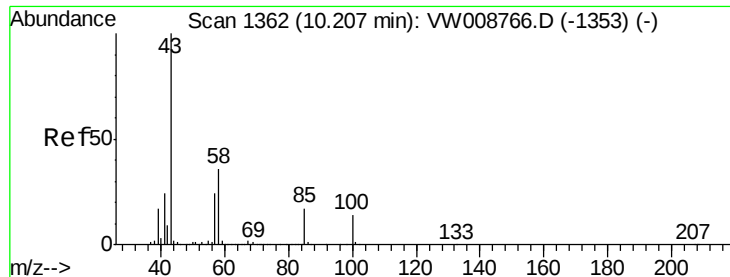
Tgt Ion: 98 Resp: 217419

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

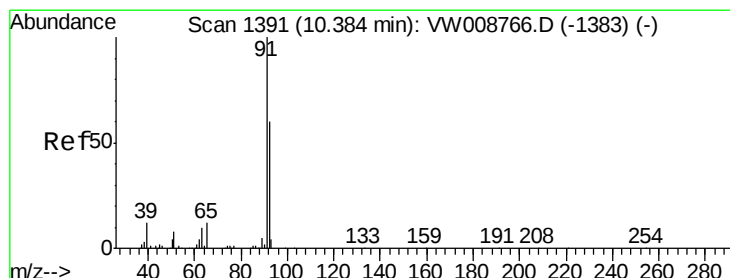
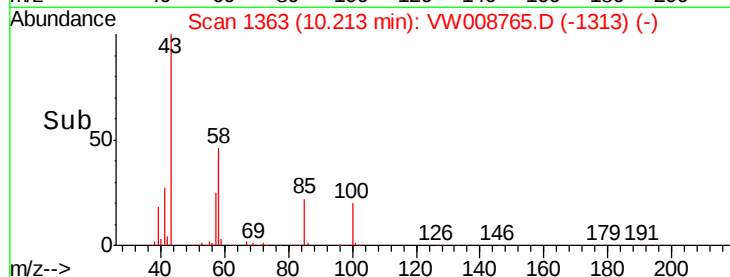
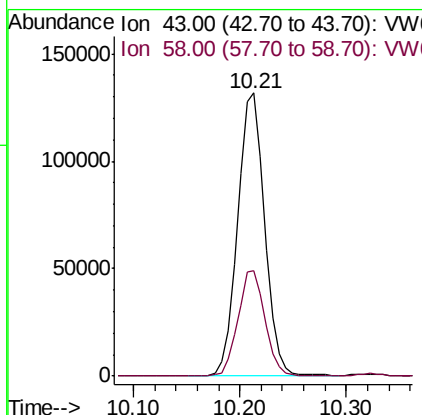
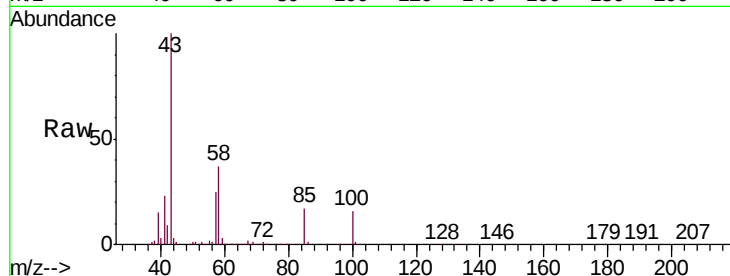




#51
 4-Methyl-2-Pentanone
 Concen: 104.582 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

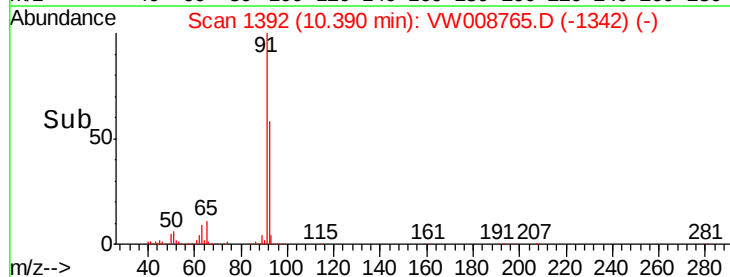
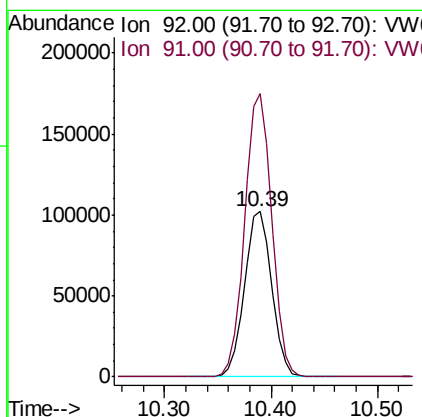
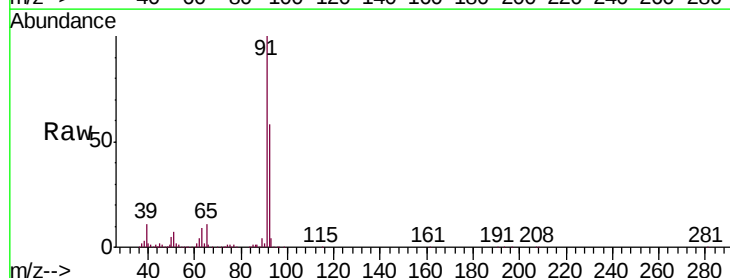
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

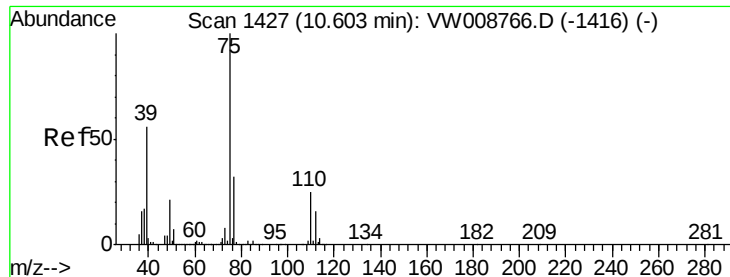
Tgt Ion: 43 Resp: 234424
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.1 43.7



#52
 Toluene
 Concen: 20.828 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 92 Resp: 183596
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 21.919 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

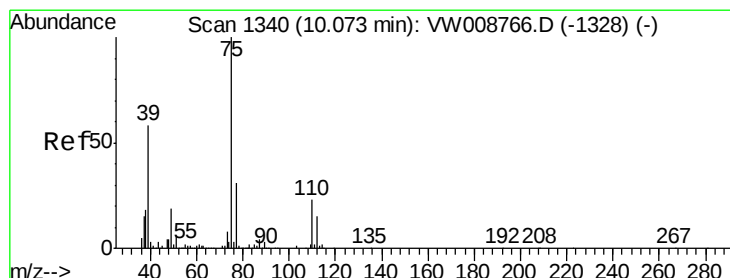
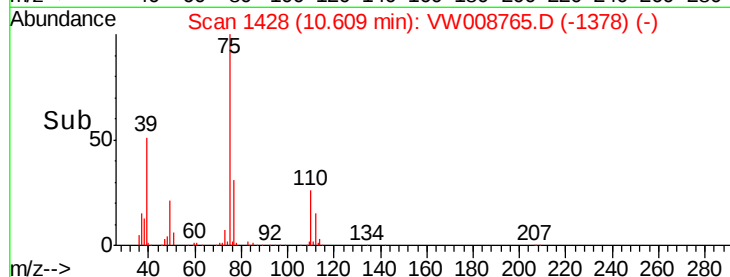
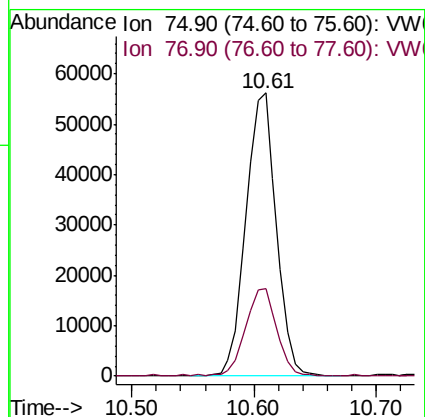
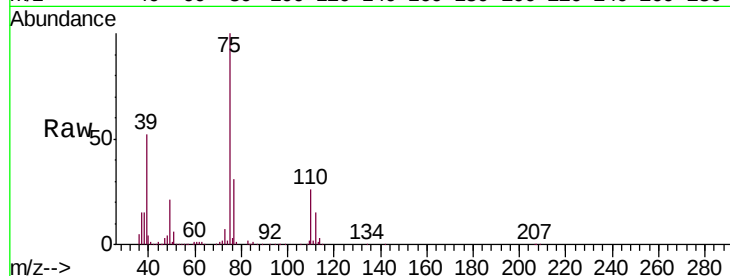
VSTDIC020

Tgt Ion: 75 Resp: 97044

Ion Ratio Lower Upper

75 100

77 30.7 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 22.366 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

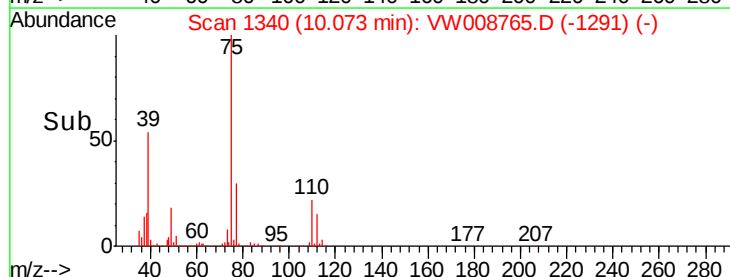
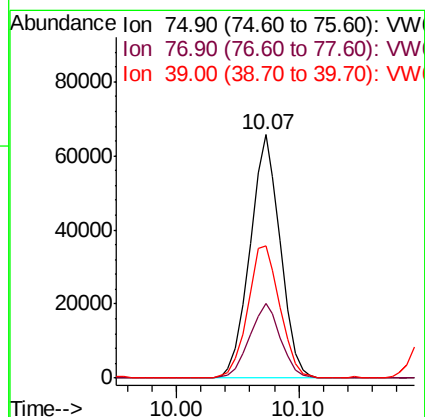
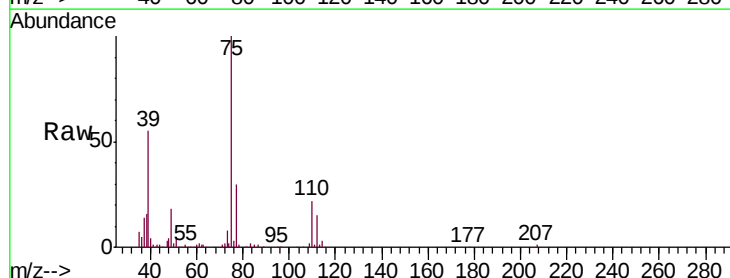
Tgt Ion: 75 Resp: 112938

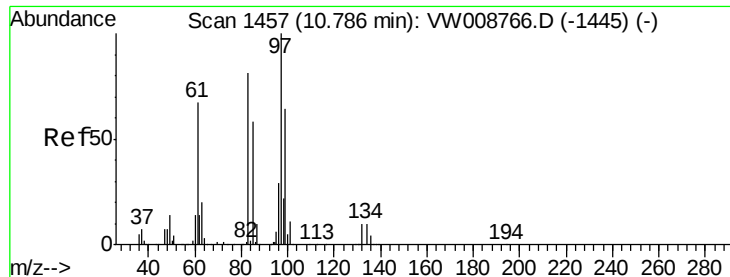
Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.4

39 54.4 46.6 70.0

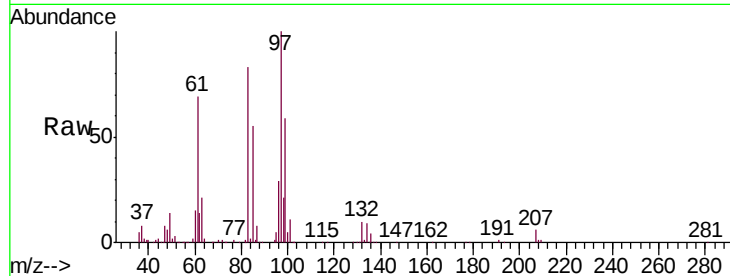




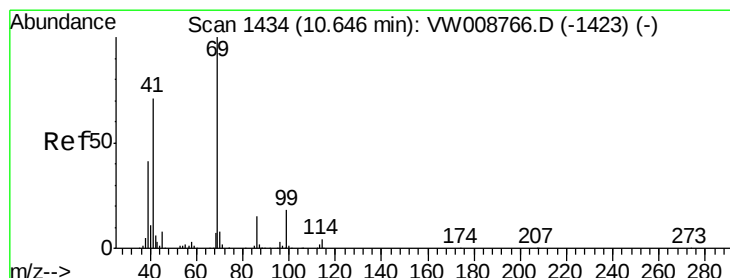
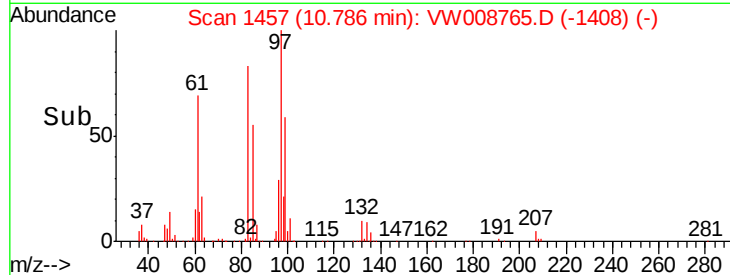
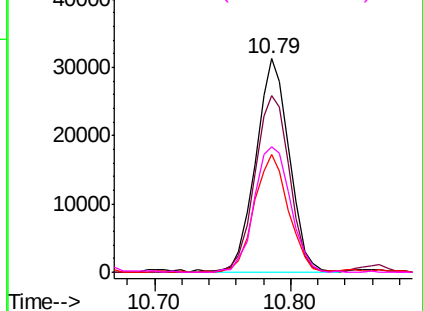
#55
 1,1,2-Trichloroethane
 Concen: 22.386 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	54201
Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.0	97.6
85	54.9	46.0	69.0
99	59.0	51.1	76.7

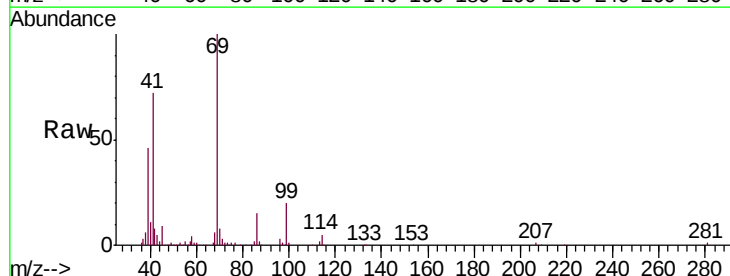


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

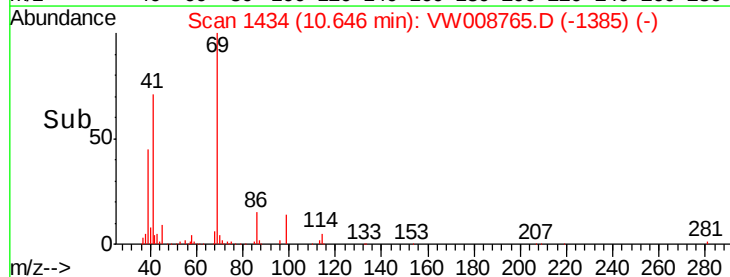
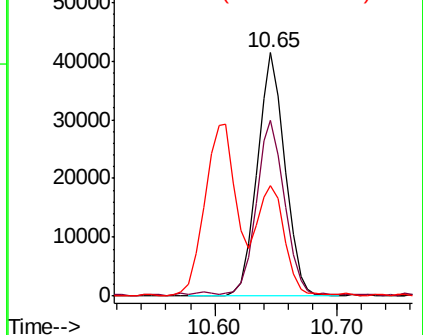


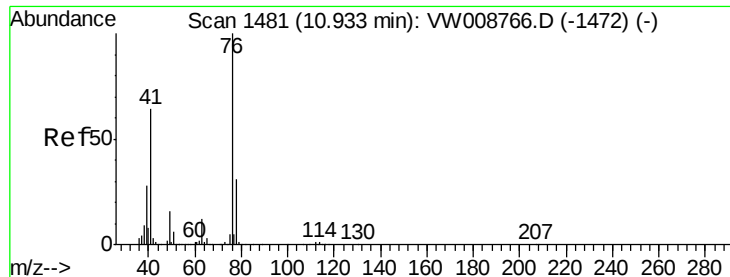
#56
 Ethyl methacrylate
 Concen: 20.804 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion:	69	Resp:	65443
Ion	Ratio	Lower	Upper
69	100		
41	73.3	57.4	86.0
39	43.1	34.8	52.2



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: 22.083 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

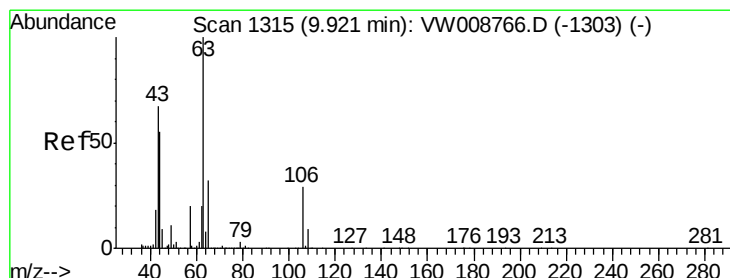
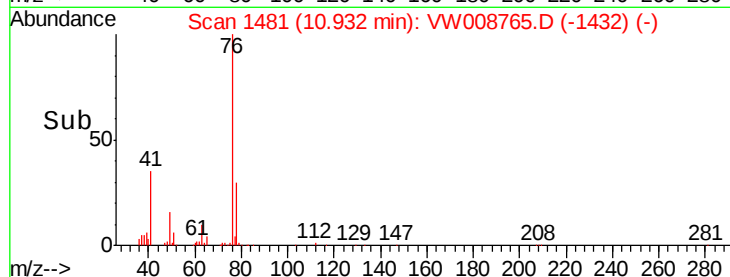
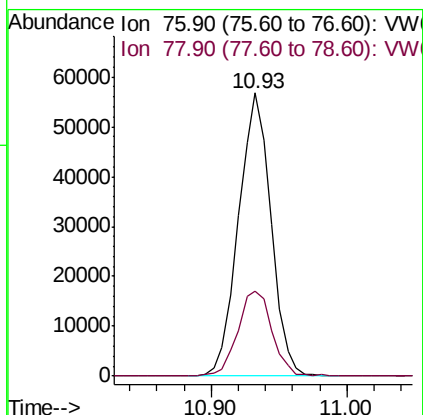
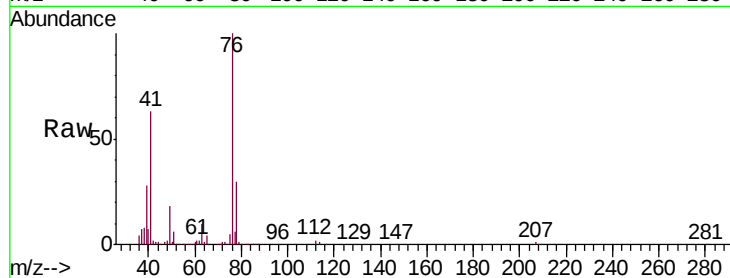
VSTDIC020

Tgt Ion: 76 Resp: 94400

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 113.409 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW008765.D

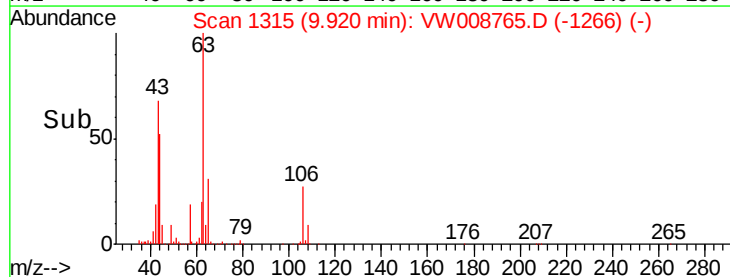
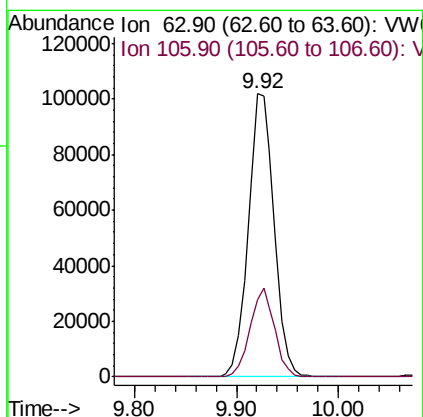
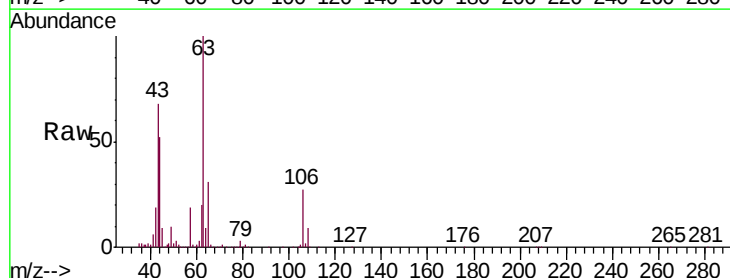
Acq: 21 Feb 2019 11:47

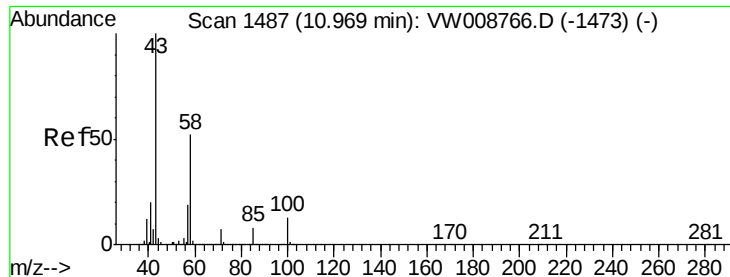
Tgt Ion: 63 Resp: 179421

Ion Ratio Lower Upper

63 100

106 29.8 24.0 36.0

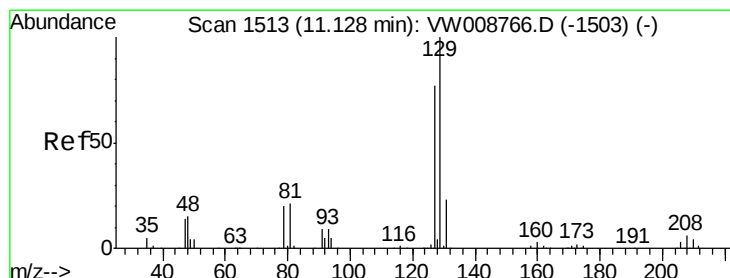
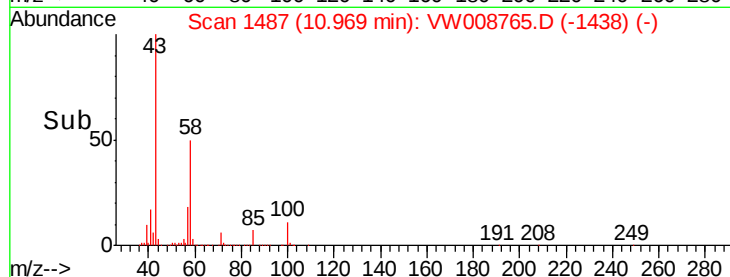
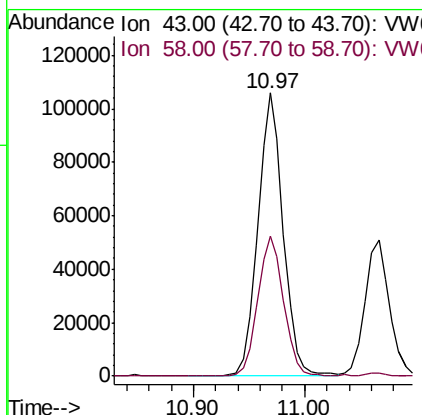
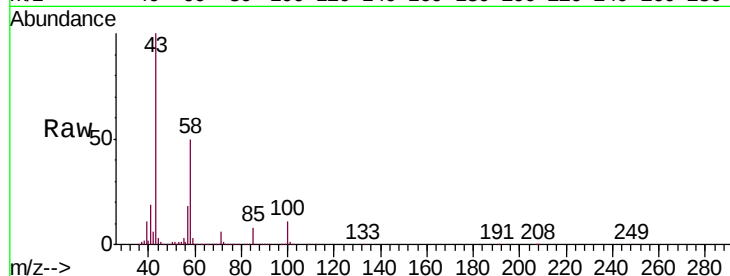




#59
2-Hexanone
Concen: 104.519 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

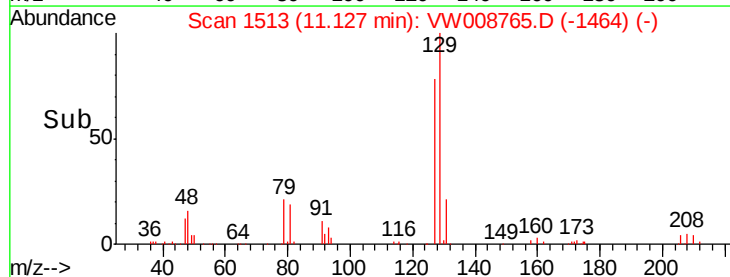
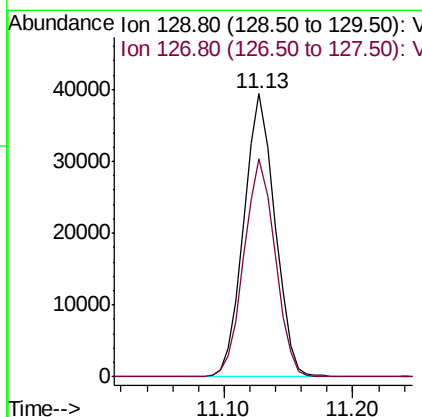
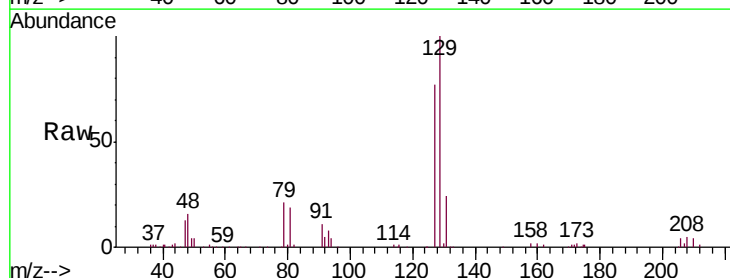
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

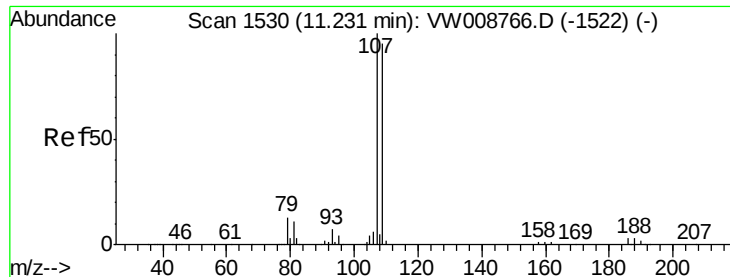
Tgt Ion: 43 Resp: 166772
Ion Ratio Lower Upper
43 100
58 50.8 25.3 75.8



#60
Dibromochloromethane
Concen: 22.278 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion: 129 Resp: 65792
Ion Ratio Lower Upper
129 100
127 77.0 39.0 116.9

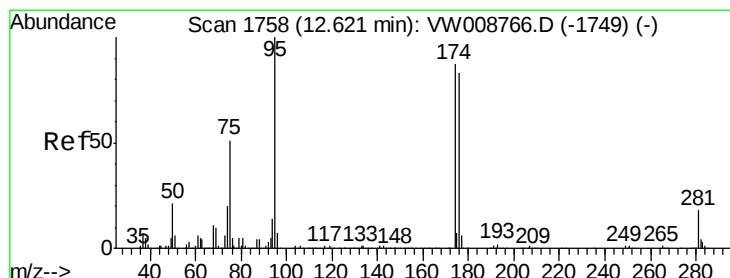
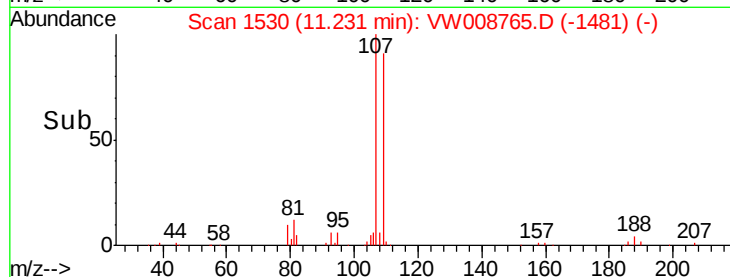
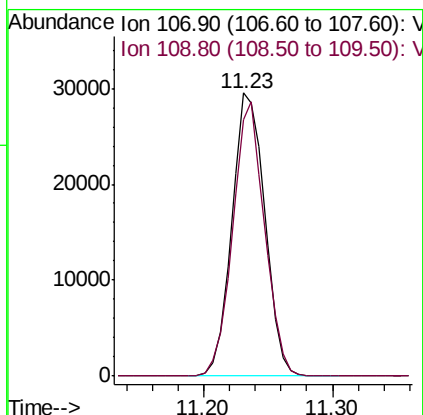
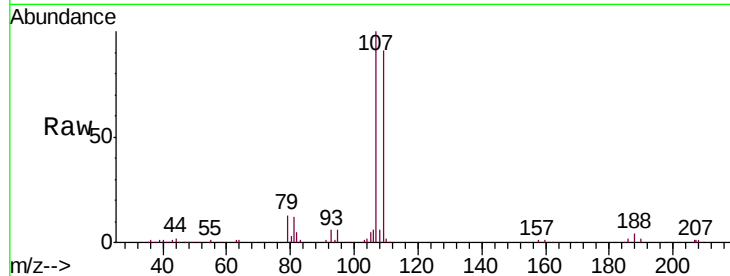




#61
 1,2-Dibromoethane
 Concen: 21.894 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

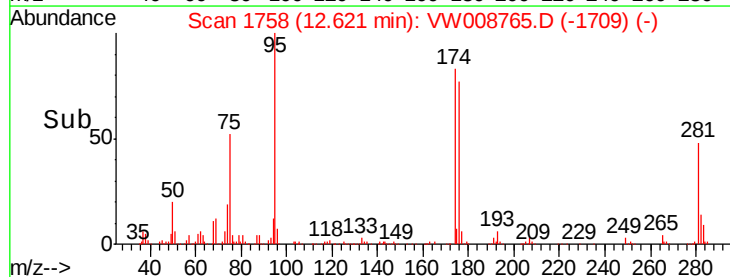
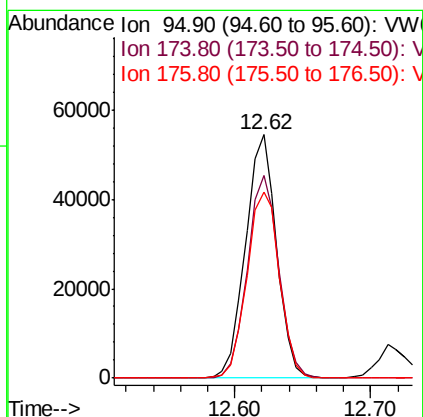
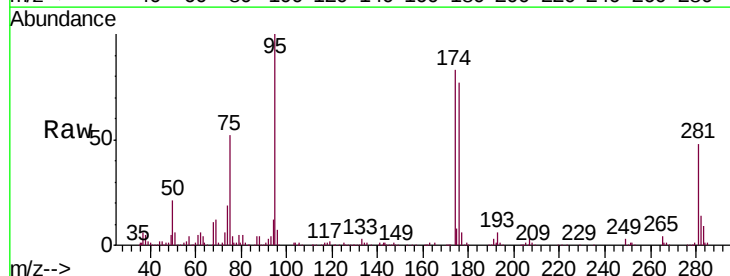
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

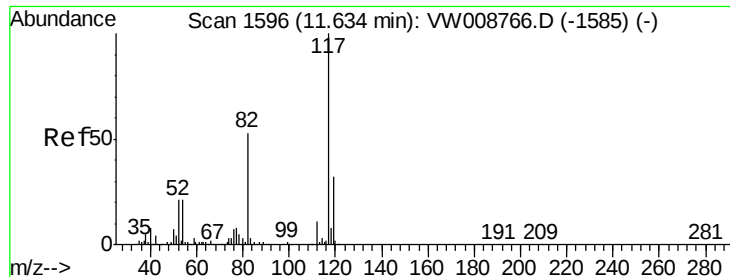
Tgt Ion: 107 Resp: 52471
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 19.609 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion: 95 Resp: 86964
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 169.2
 176 80.5 0.0 163.6

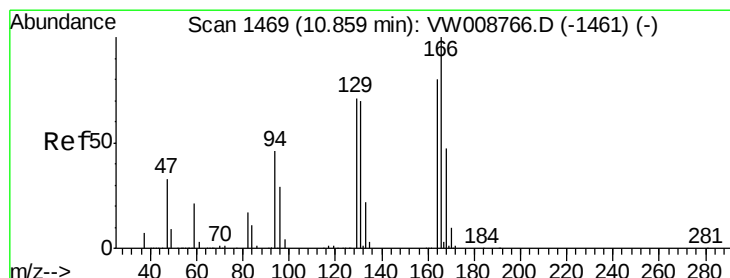
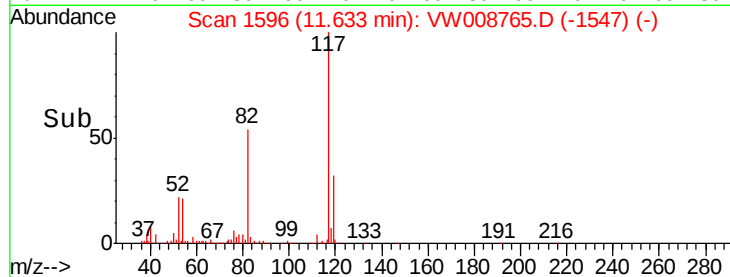
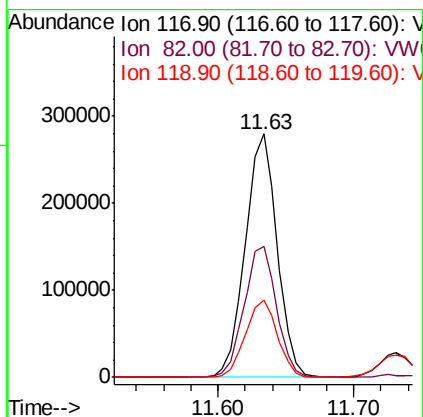
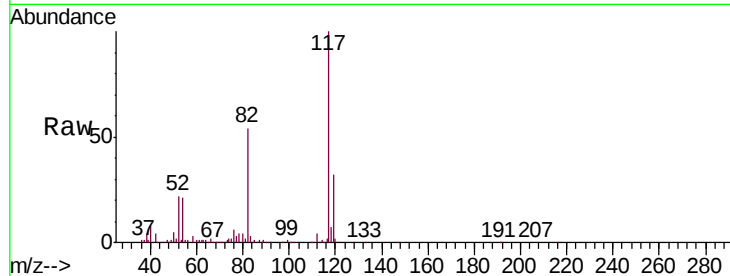




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

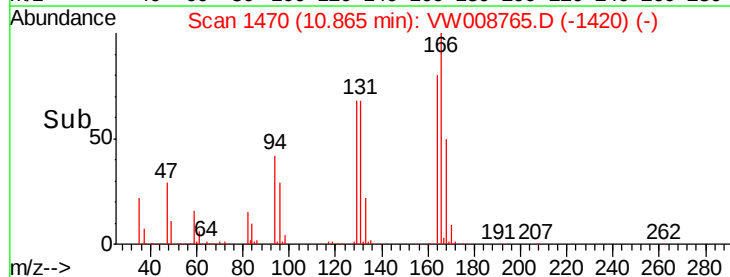
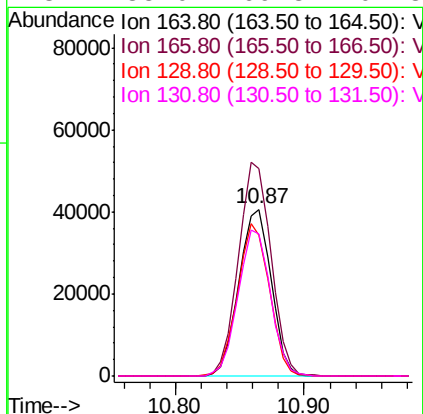
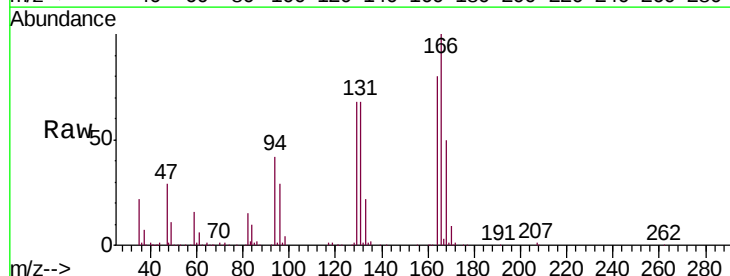
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

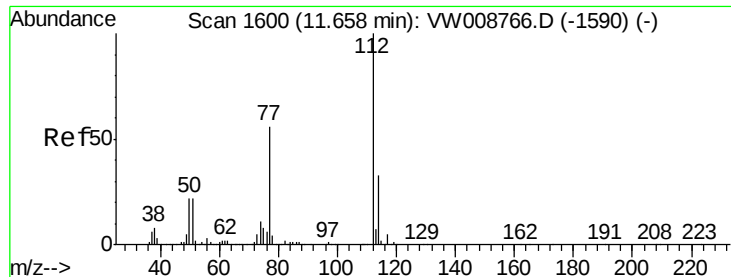
Tgt Ion:117 Resp: 458774
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 21.530 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion:164 Resp: 70703
Ion Ratio Lower Upper
164 100
166 124.6 99.5 149.3
129 84.7 71.1 106.7
131 85.0 69.8 104.8





#65

Chlorobenzene

Concen: 21.367 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

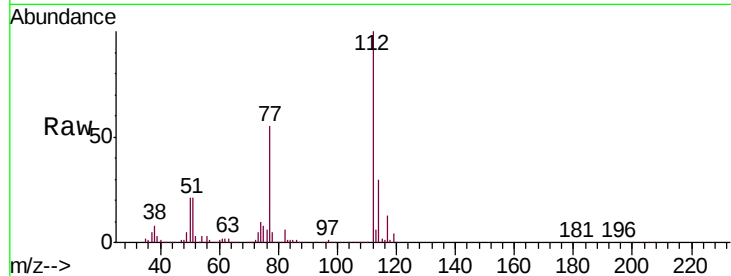
VSTDIC020

Tgt Ion:112 Resp: 206125

Ion Ratio Lower Upper

112 100

114 30.3 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

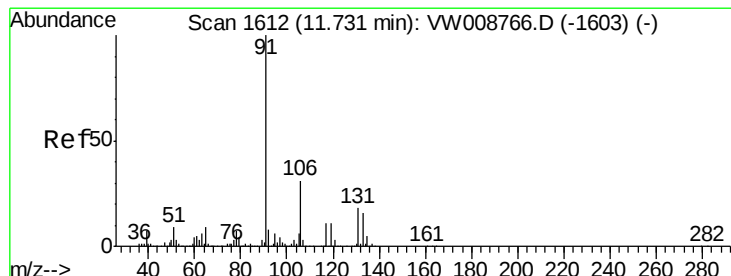
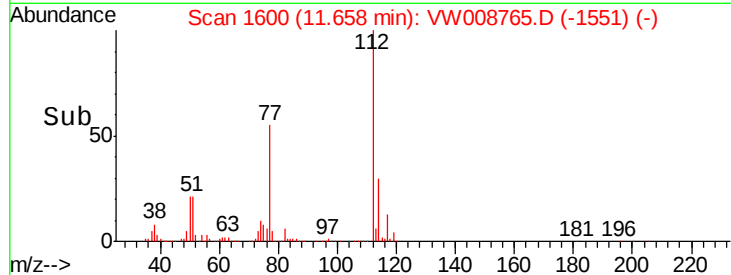
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.742 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

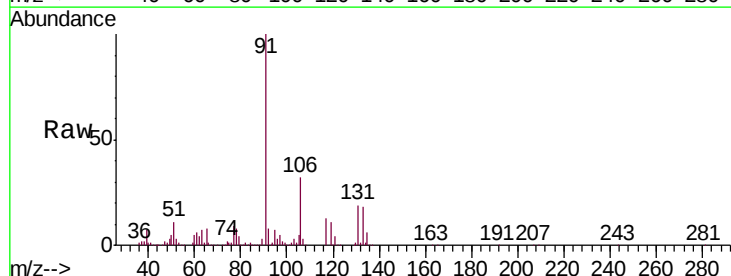
Tgt Ion:131 Resp: 70919

Ion Ratio Lower Upper

131 100

133 95.5 46.7 140.0

119 63.9 30.8 92.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

120000

100000

80000

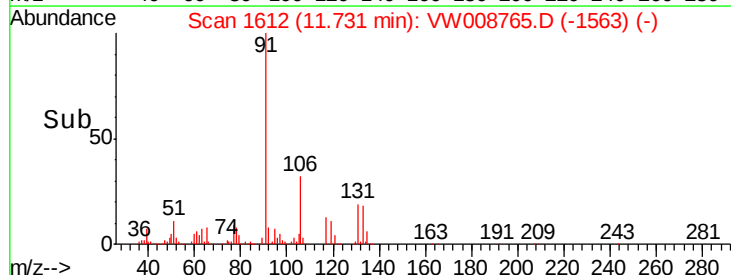
60000

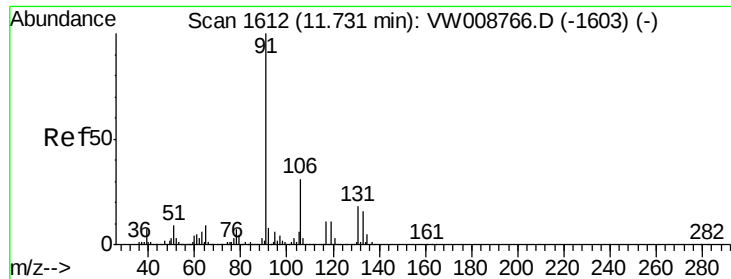
40000

20000

0

Time-->

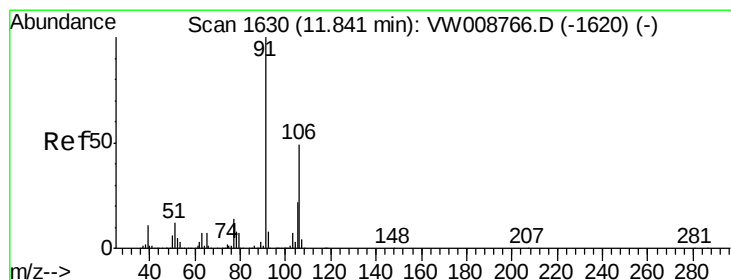
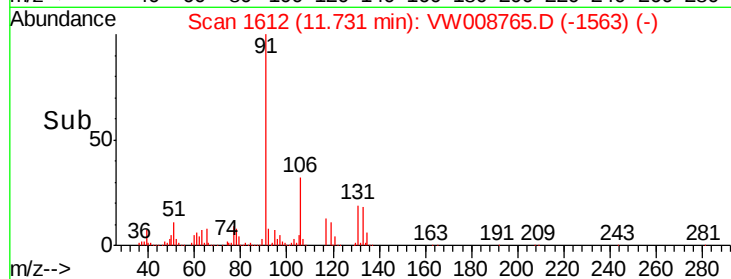
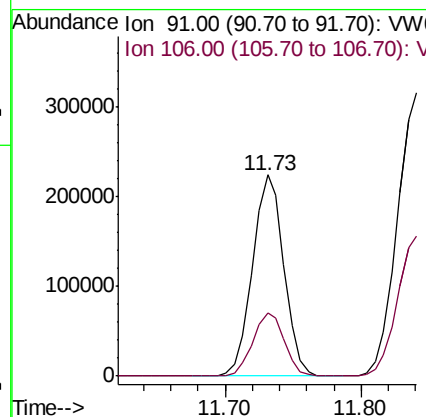
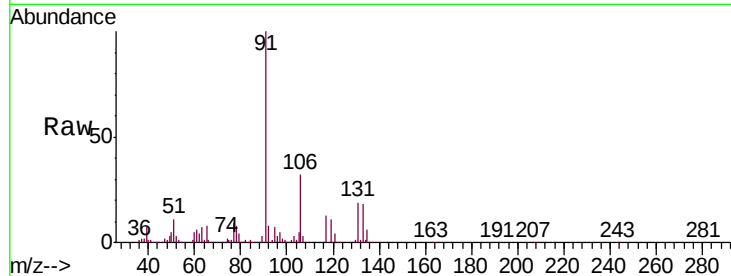




#67
Ethyl Benzene
Concen: 20.996 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

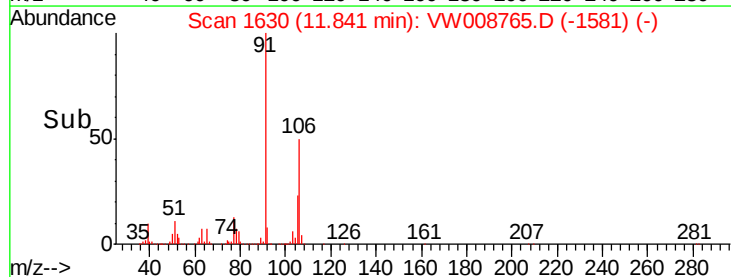
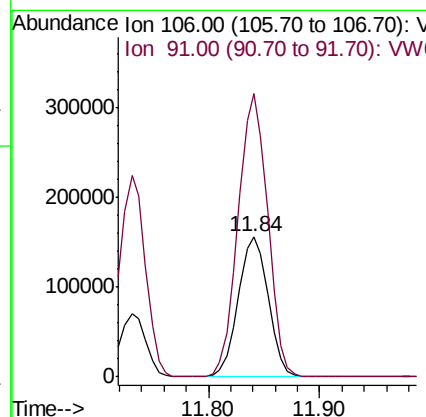
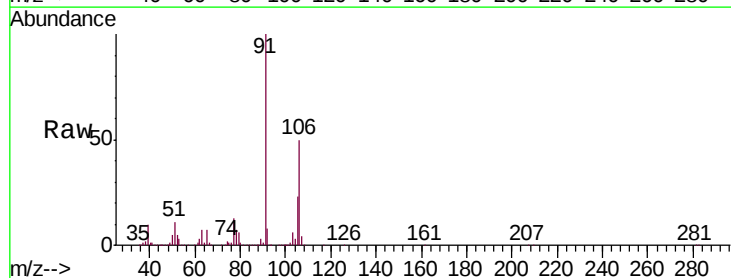
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

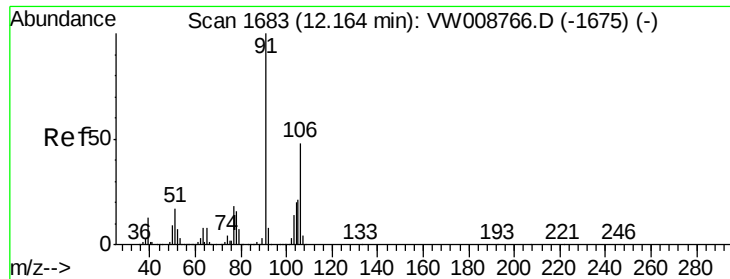
Tgt Ion: 91 Resp: 362075
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 42.126 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion: 106 Resp: 290257
Ion Ratio Lower Upper
106 100
91 200.3 161.5 242.3

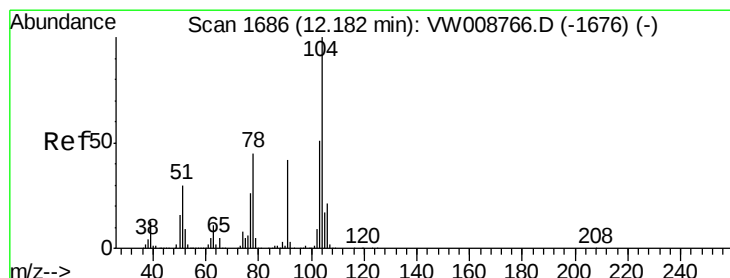
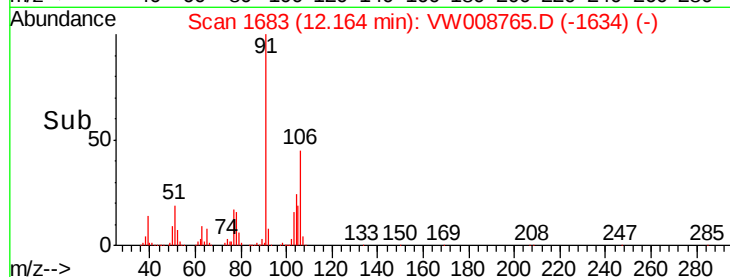
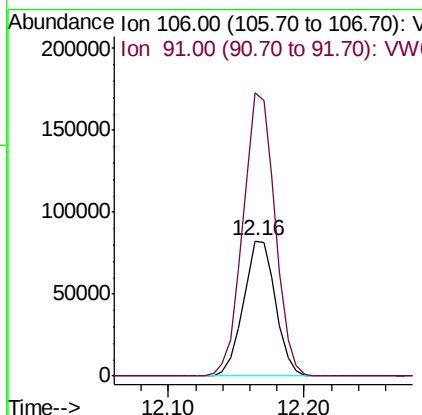
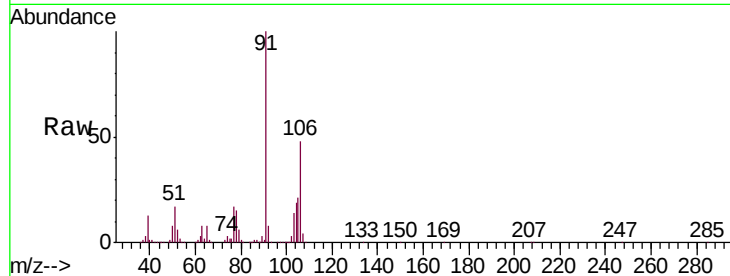




#69
o-Xylene
Concen: 21.015 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

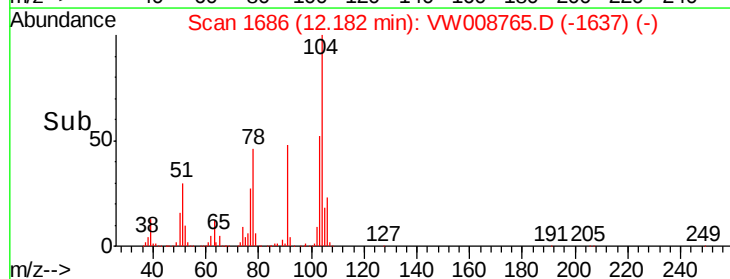
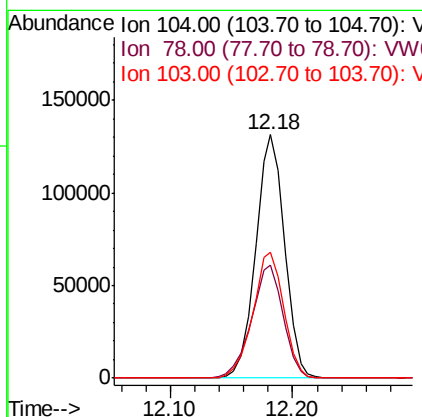
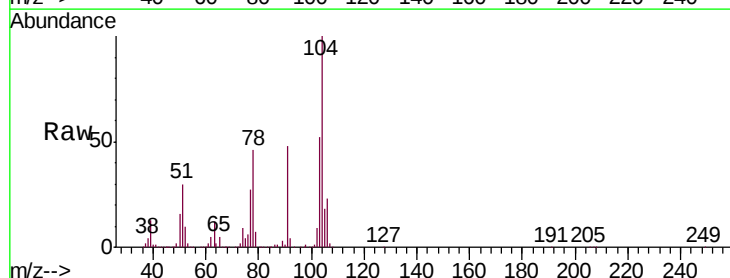
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

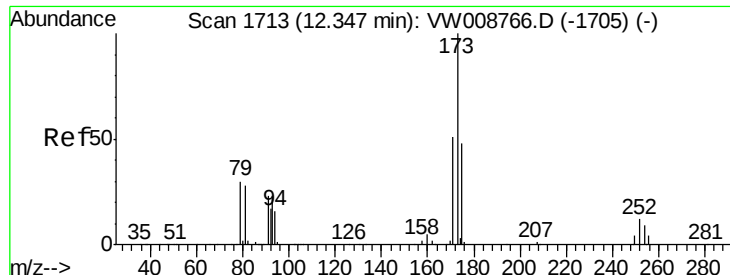
Tgt Ion:106 Resp: 135909
Ion Ratio Lower Upper
106 100
91 209.9 106.2 318.6



#70
Styrene
Concen: 20.762 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion:104 Resp: 216019
Ion Ratio Lower Upper
104 100
78 50.8 40.8 61.2
103 55.6 44.2 66.2

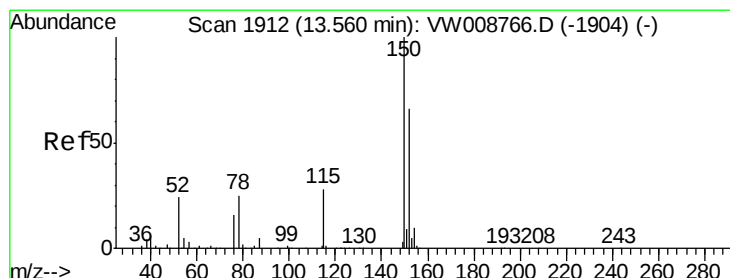
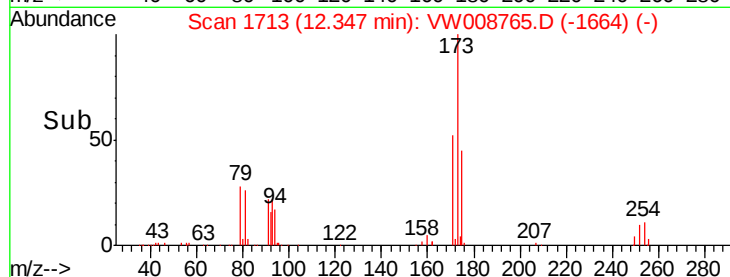
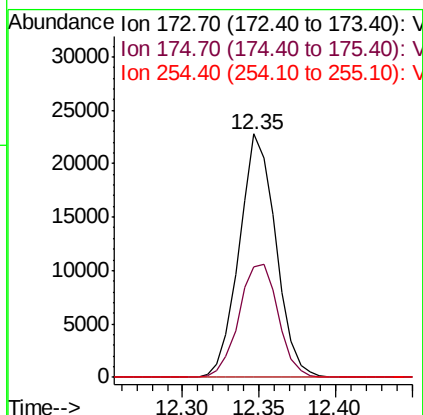
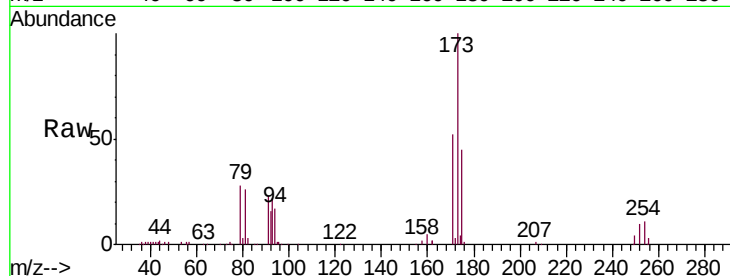




#71
Bromoform
Concen: 21.554 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

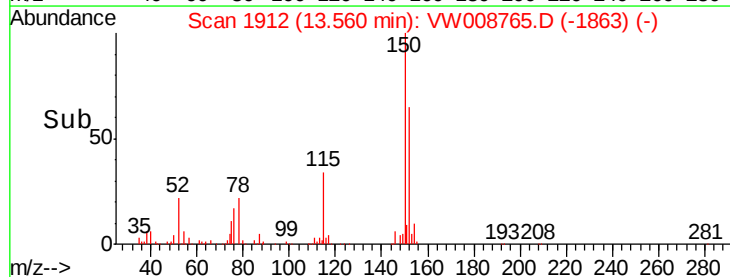
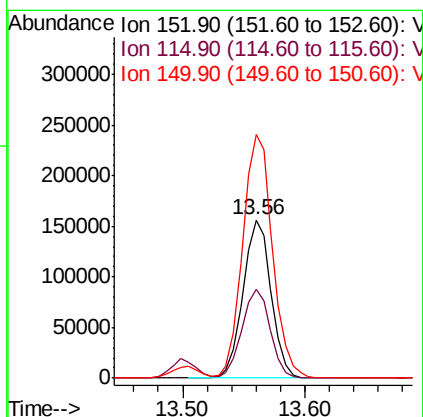
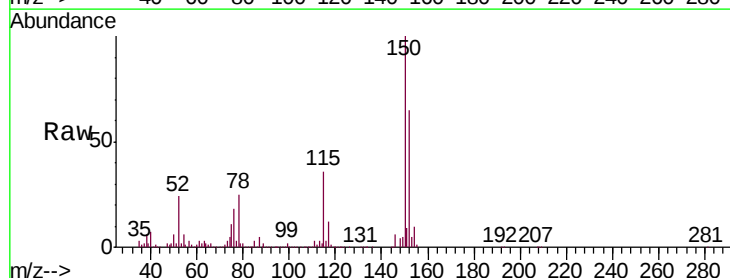
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

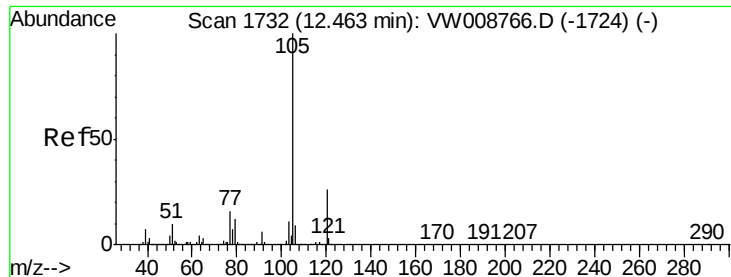
Tgt Ion:173 Resp: 37791
Ion Ratio Lower Upper
173 100
175 49.7 24.2 72.6
254 0.1 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion:152 Resp: 247576
Ion Ratio Lower Upper
152 100
115 56.6 28.6 85.8
150 164.2 0.0 348.0





#73

Isopropylbenzene

Concen: 21.598 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

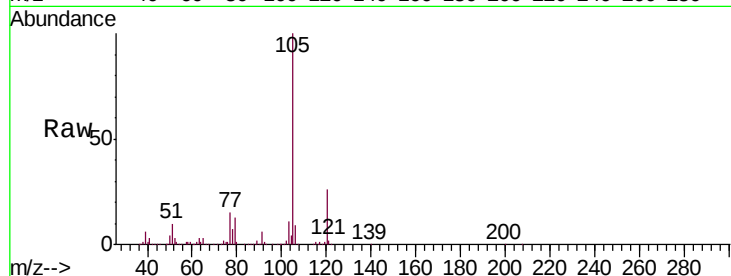
VSTDIC020

Tgt Ion: 105 Resp: 366574

Ion Ratio Lower Upper

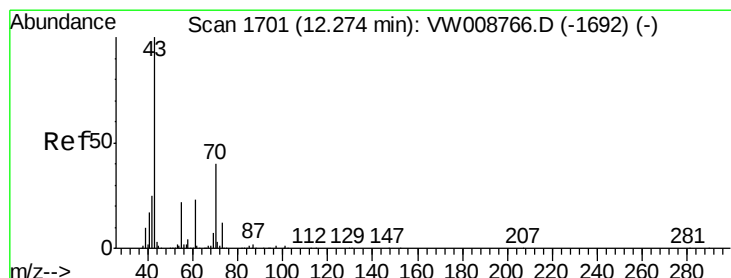
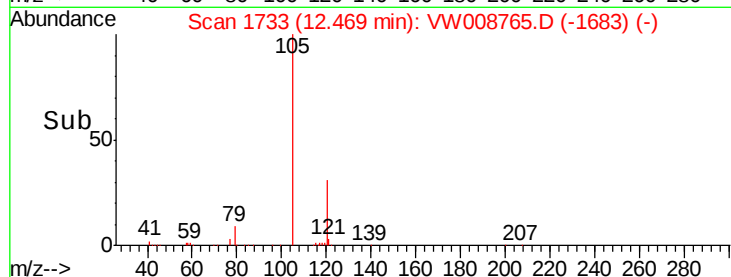
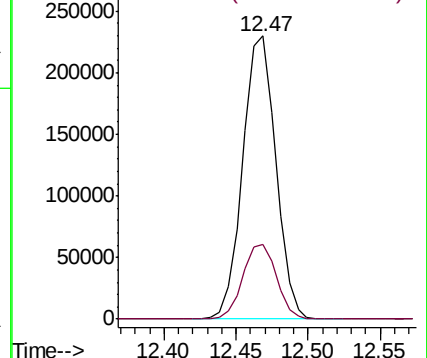
105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.295 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Tgt Ion: 43 Resp: 86766

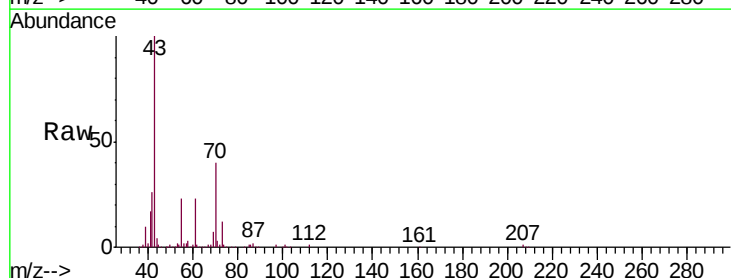
Ion Ratio Lower Upper

43 100

70 41.4 31.0 46.6

55 22.5 18.7 28.1

61 22.6 18.1 27.1

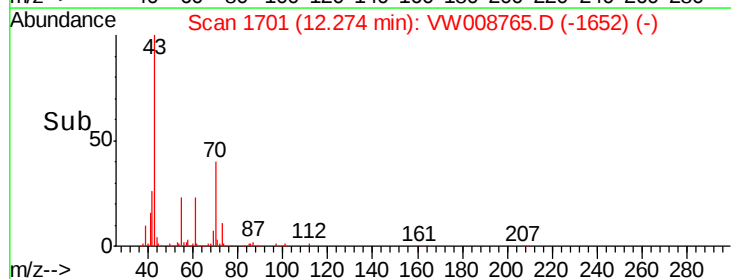
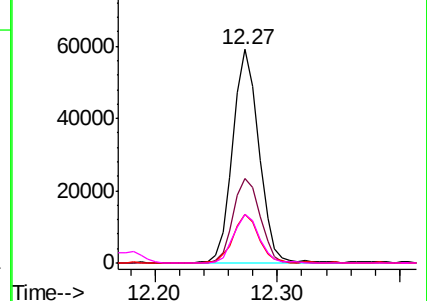


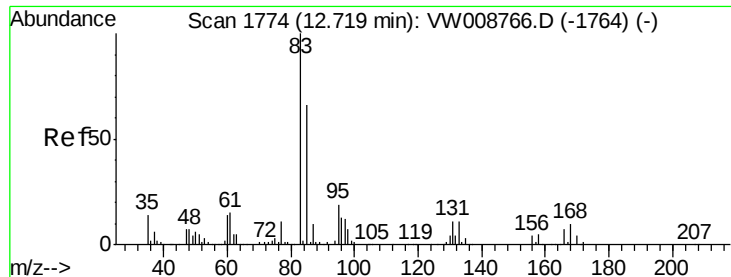
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 22.678 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

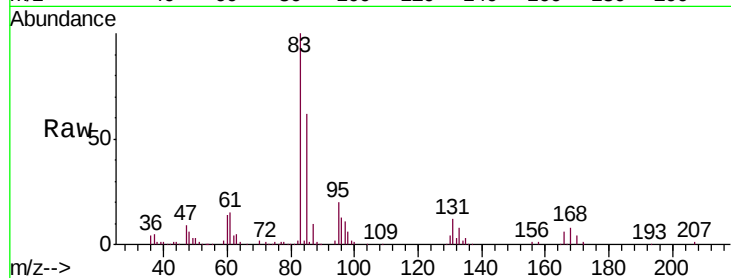
Tgt Ion: 83 Resp: 62891

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.7

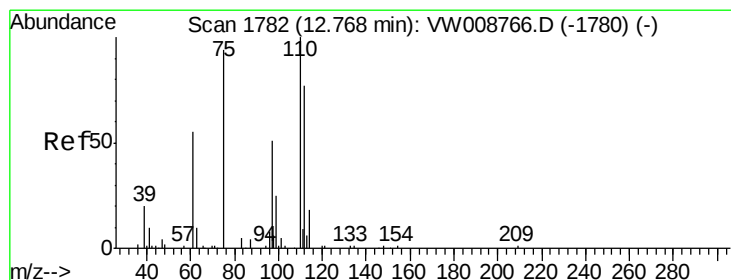
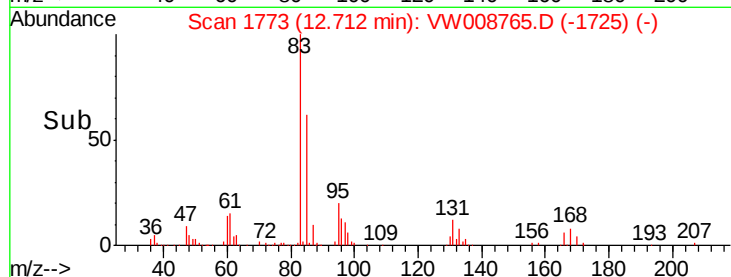
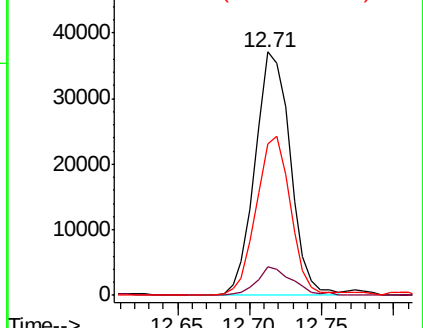
85 63.5 33.0 98.9



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: 39.274 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008765.D

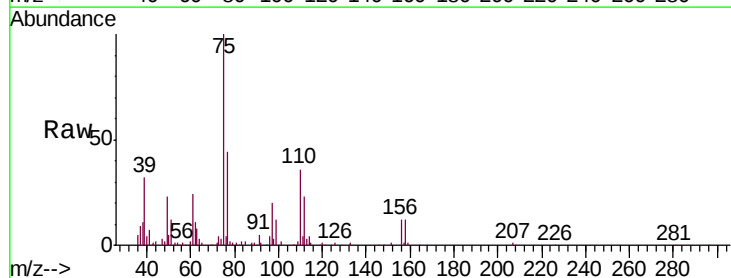
Acq: 21 Feb 2019 11:47

Tgt Ion: 75 Resp: 84123

Ion Ratio Lower Upper

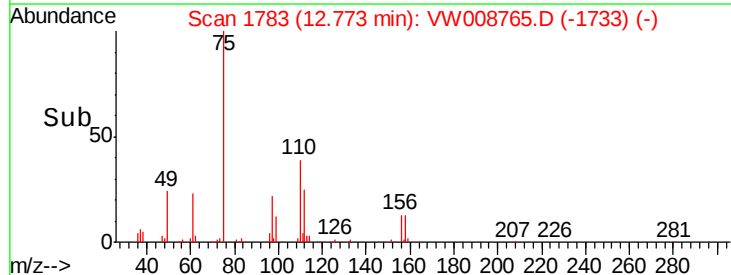
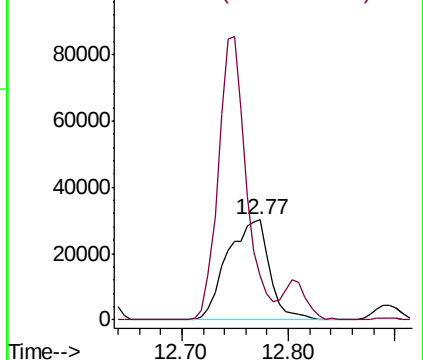
75 100

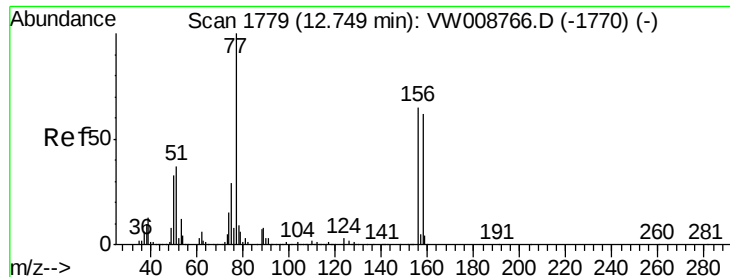
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

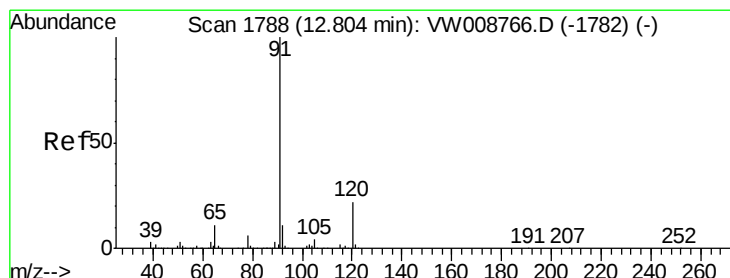
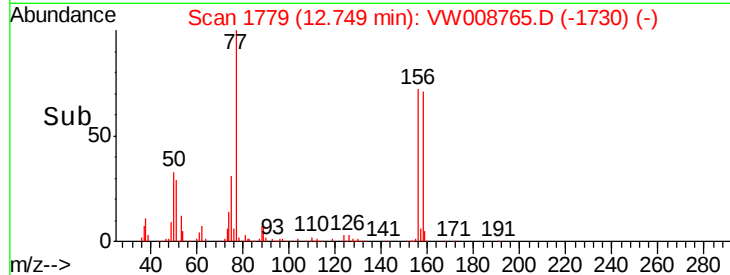
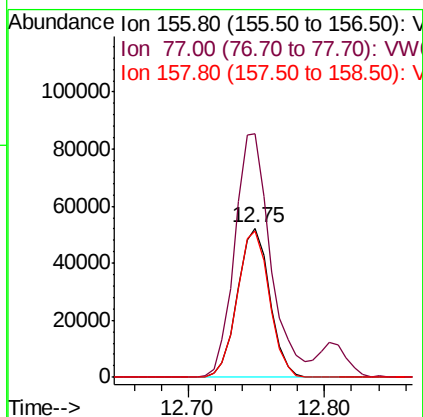
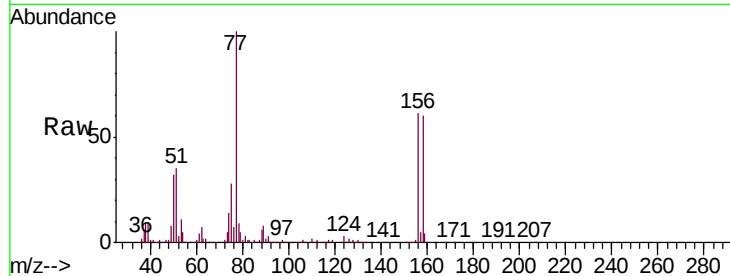




#77
Bromobenzene
Concen: 21.597 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

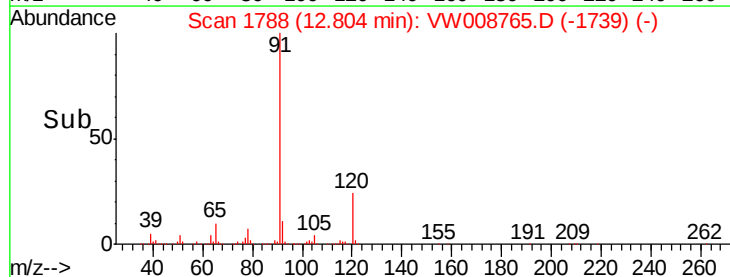
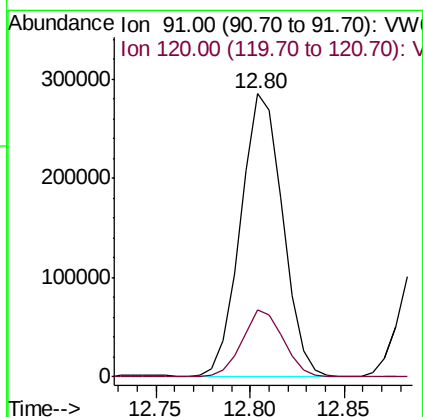
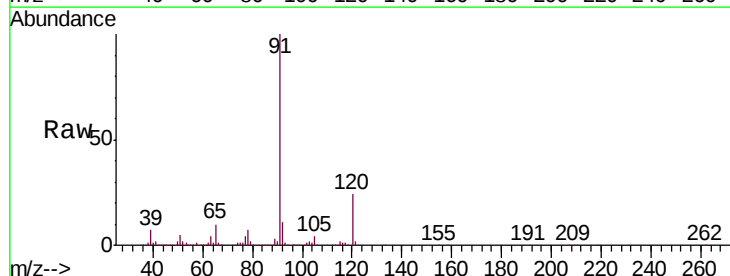
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

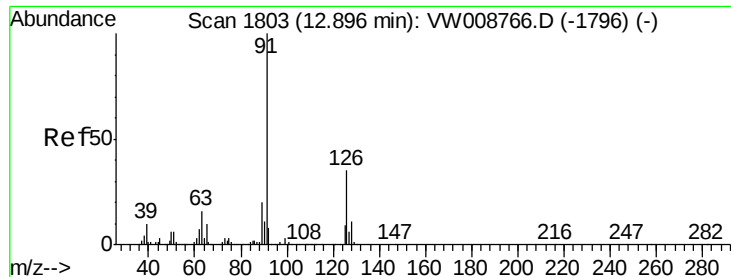
Tgt Ion: 156 Resp: 86619
Ion Ratio Lower Upper
156 100
77 180.6 89.1 267.4
158 98.2 49.2 147.6



#78
n-propylbenzene
Concen: 21.236 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion: 91 Resp: 440875
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.554 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

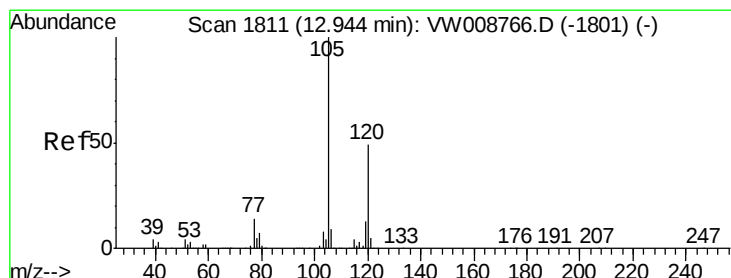
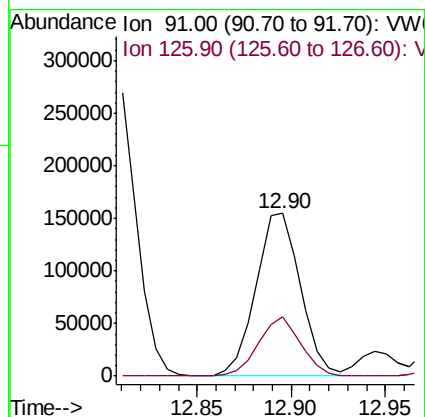
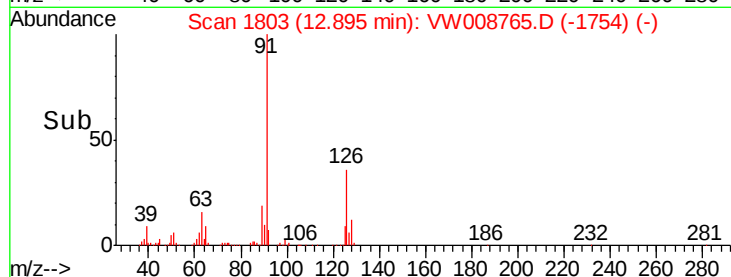
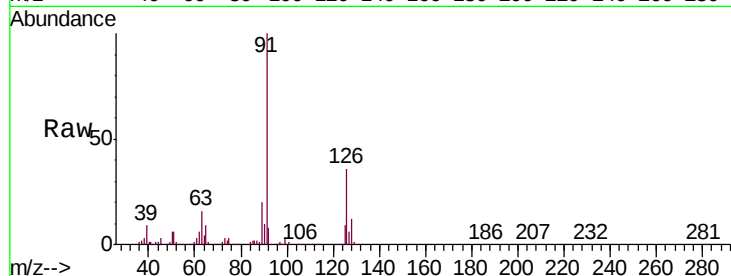
VSTDIC020

Tgt Ion: 91 Resp: 254065

Ion Ratio Lower Upper

91 100

126 34.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.234 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008765.D

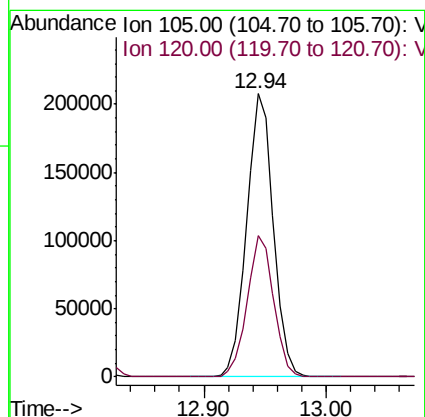
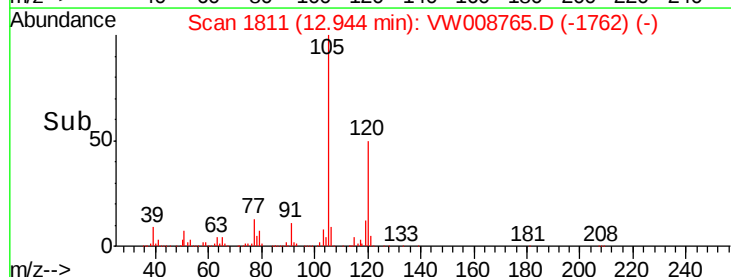
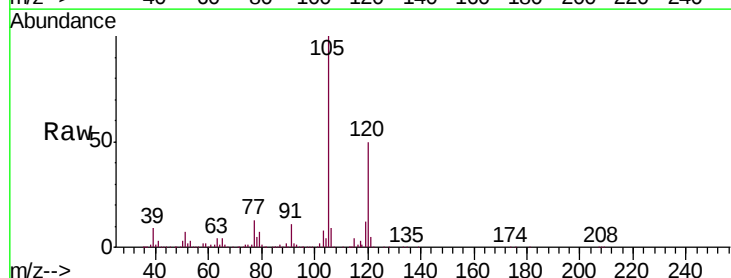
Acq: 21 Feb 2019 11:47

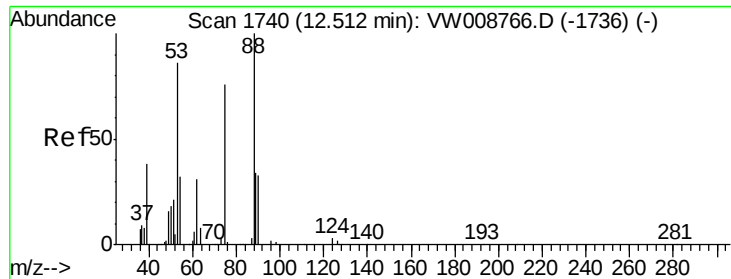
Tgt Ion: 105 Resp: 313183

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.396 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

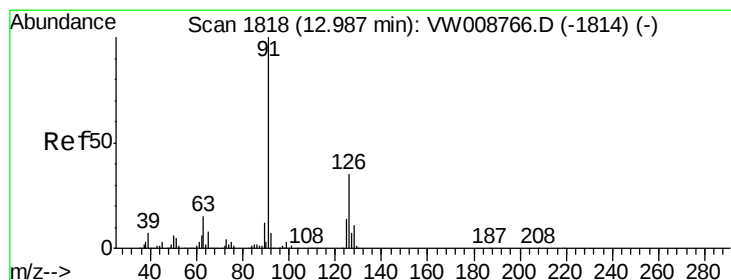
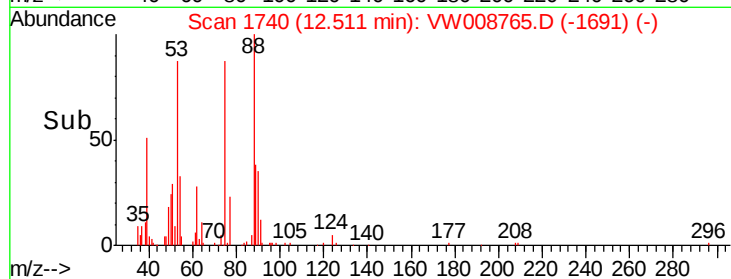
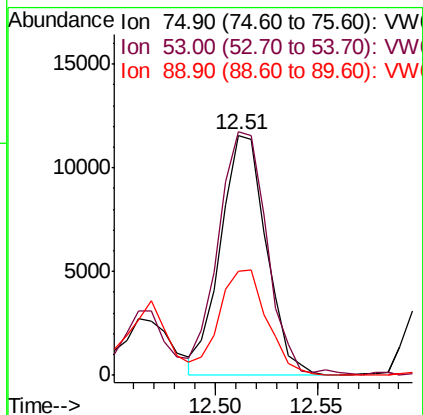
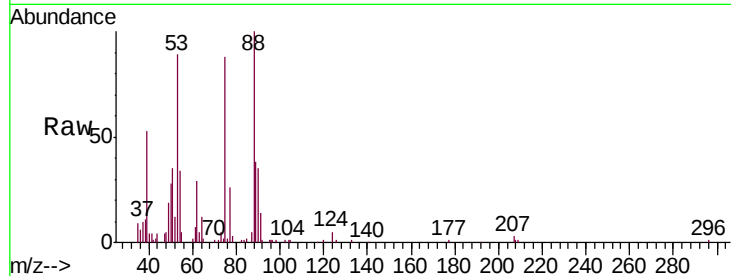
Tgt Ion: 75 Resp: 17990

Ion Ratio Lower Upper

75 100

53 104.9 88.2 132.2

89 46.1 39.5 59.3



#82

4-Chlorotoluene

Concen: 21.199 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW008765.D

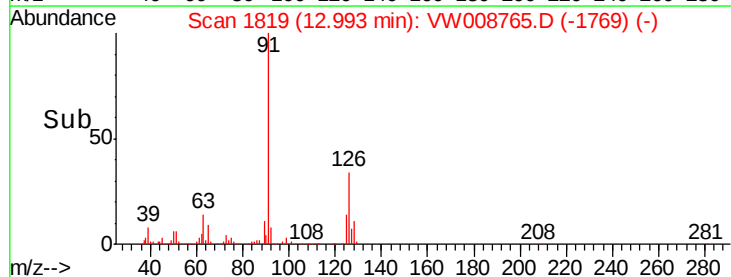
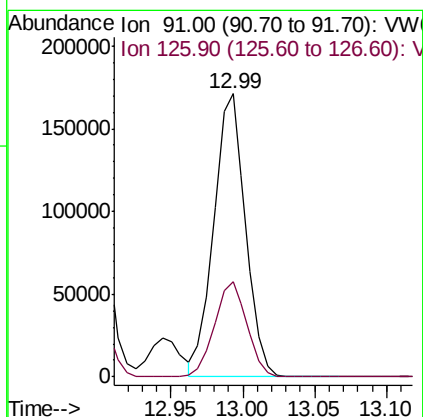
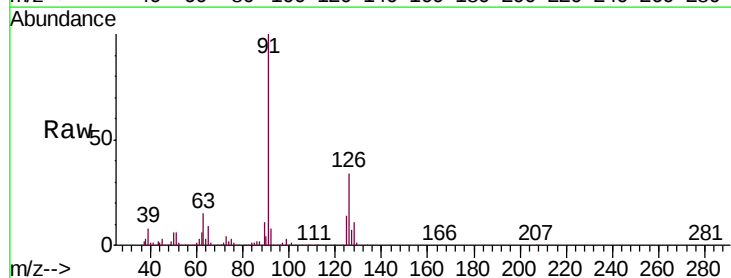
Acq: 21 Feb 2019 11:47

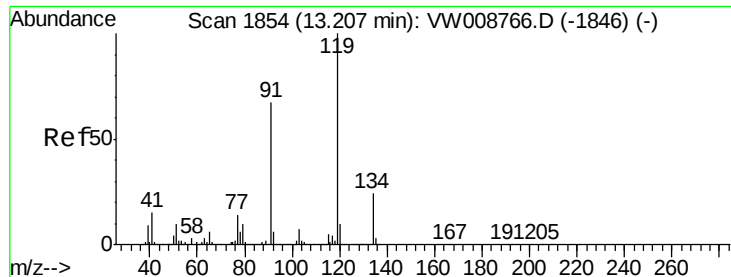
Tgt Ion: 91 Resp: 263322

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.610 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

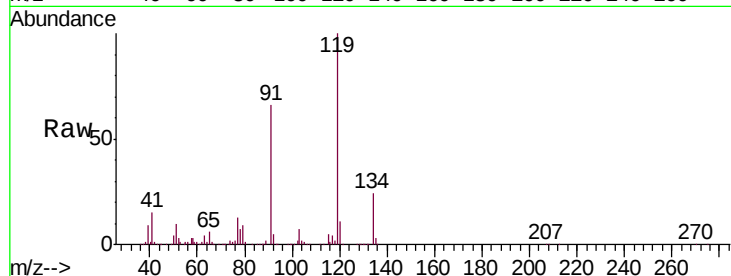
Tgt Ion:119 Resp: 275591

Ion Ratio Lower Upper

119 100

91 64.3 33.6 100.8

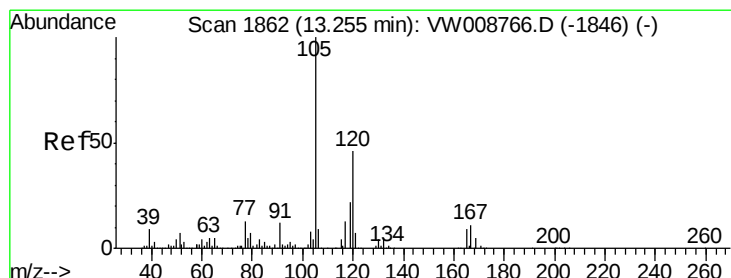
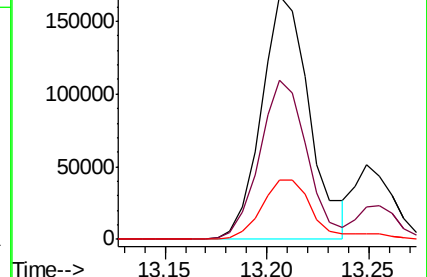
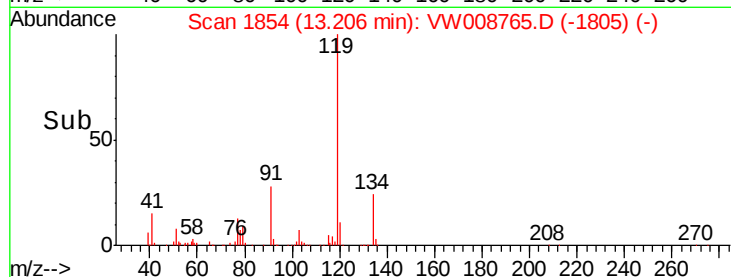
134 26.9 13.7 41.1



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: 20.953 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008765.D

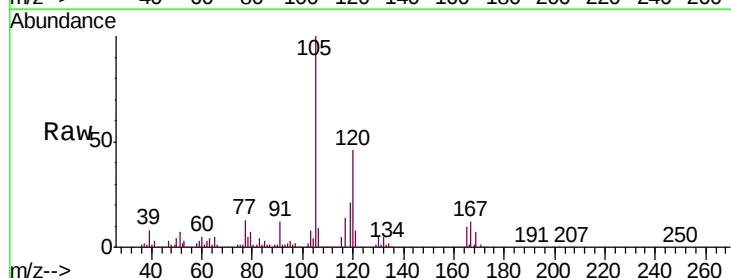
Acq: 21 Feb 2019 11:47

Tgt Ion:105 Resp: 319912

Ion Ratio Lower Upper

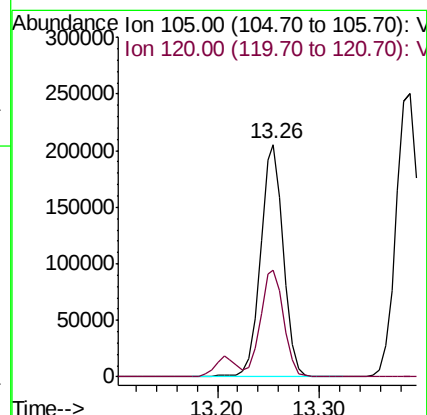
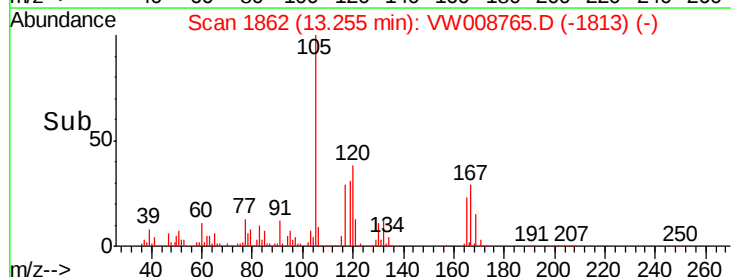
105 100

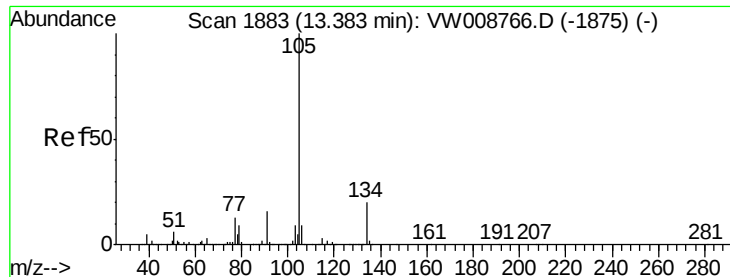
120 46.6 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

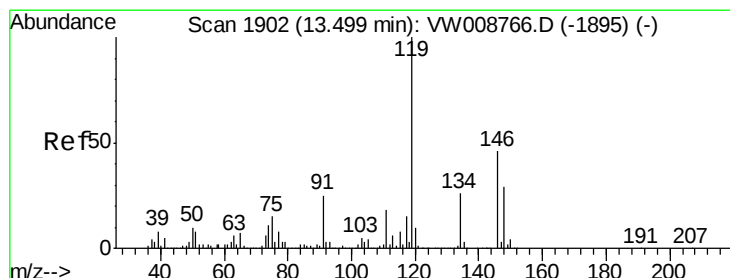
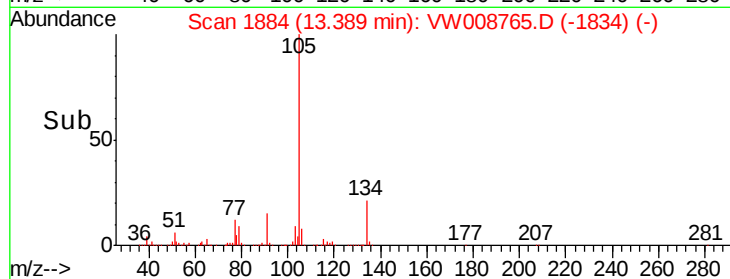
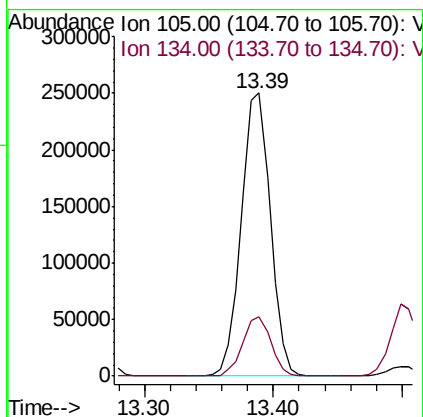
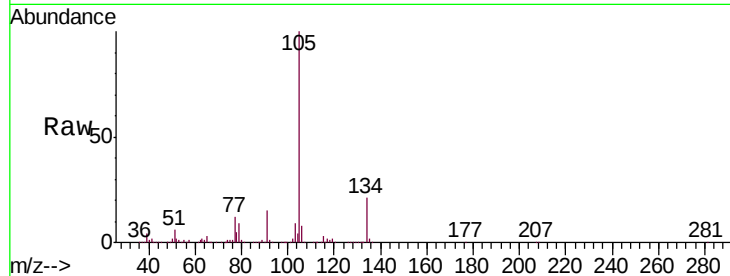




#85
 sec-Butylbenzene
 Concen: 21.273 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

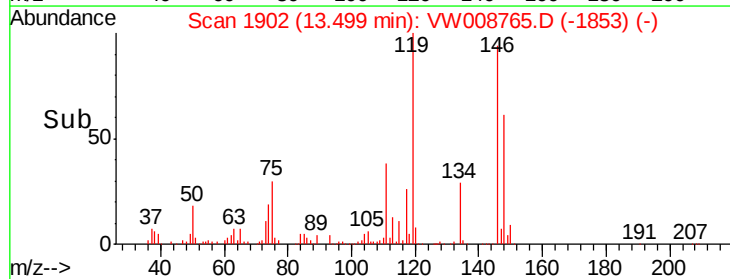
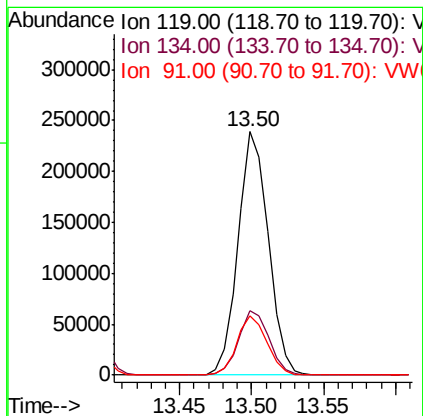
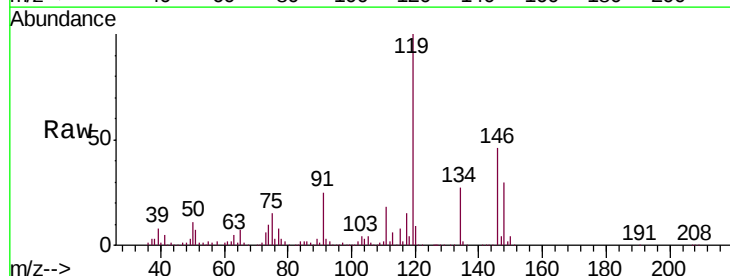
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

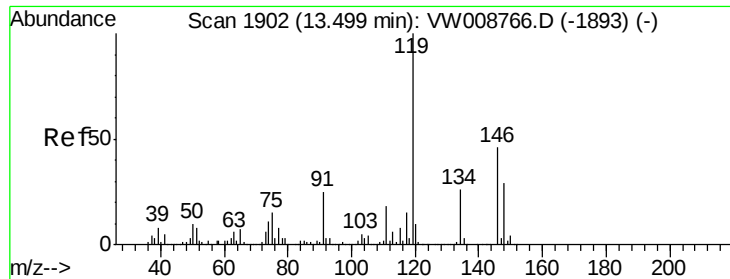
Tgt Ion:105 Resp: 390105
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.722 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion:119 Resp: 348362
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.272 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

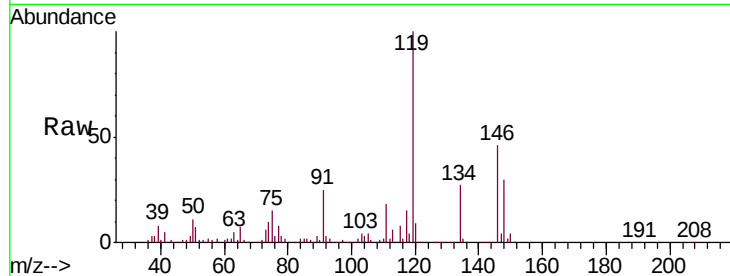
Tgt Ion:146 Resp: 177015

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.7

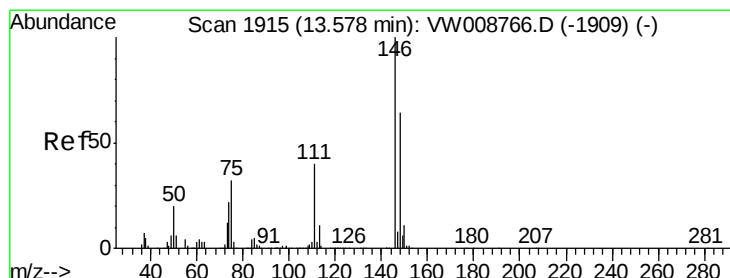
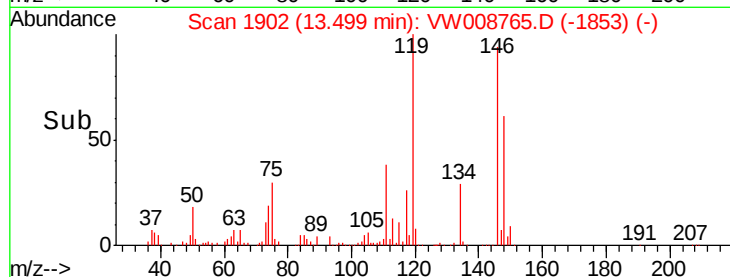
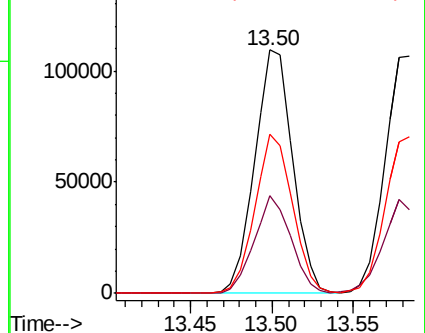
148 64.3 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.480 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

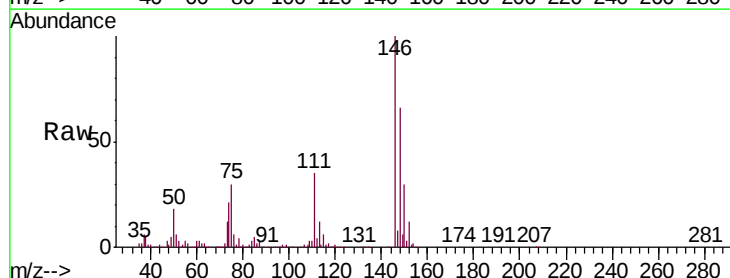
Tgt Ion:146 Resp: 176162

Ion Ratio Lower Upper

146 100

111 39.3 19.3 57.9

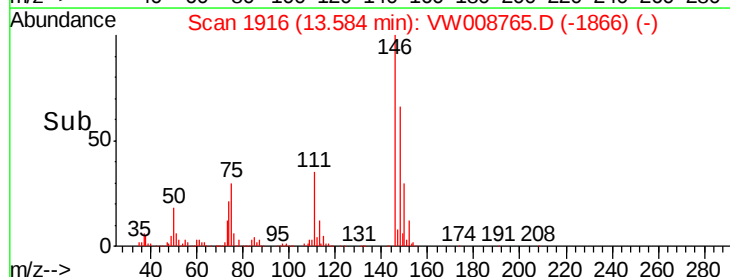
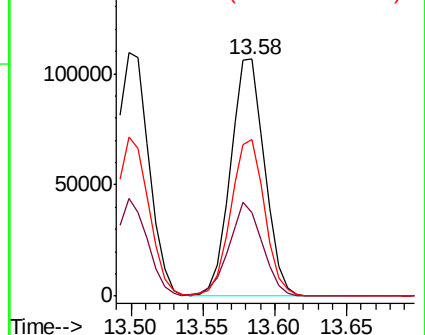
148 65.7 31.9 95.9

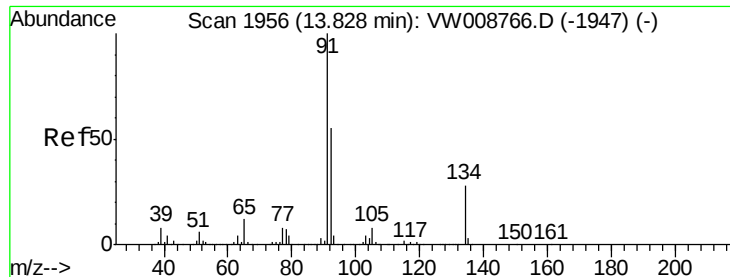


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.551 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008765.D

Acq: 21 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

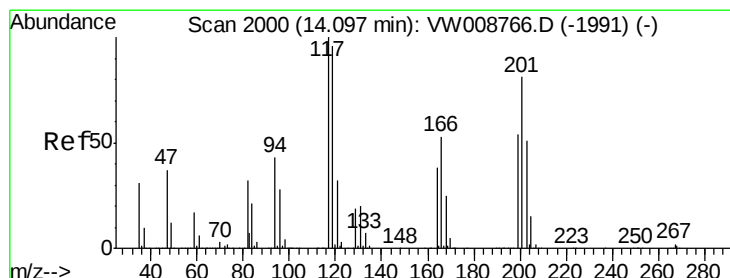
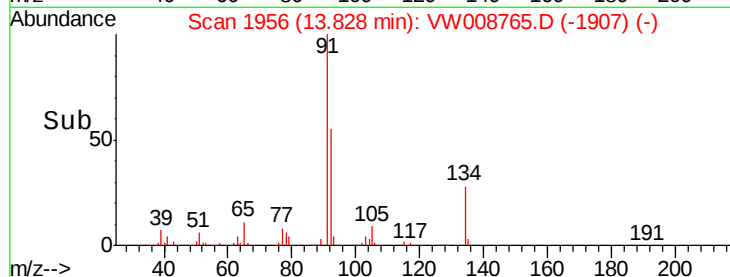
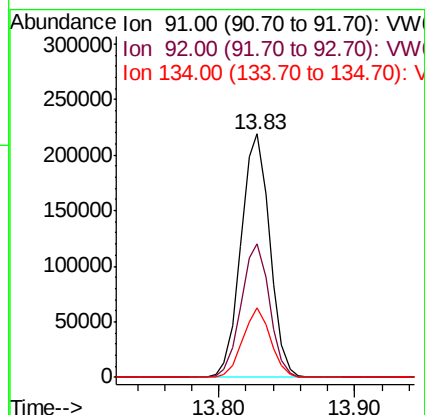
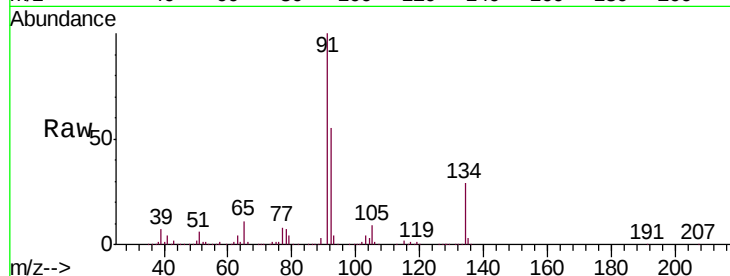
Tgt Ion: 91 Resp: 323664

Ion Ratio Lower Upper

91 100

92 54.2 26.8 80.4

134 27.5 13.5 40.4



#90

Hexachloroethane

Concen: 21.215 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008765.D

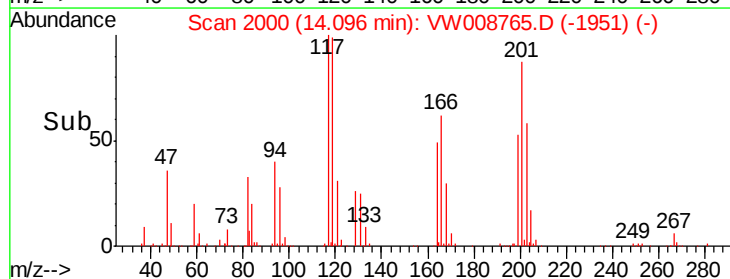
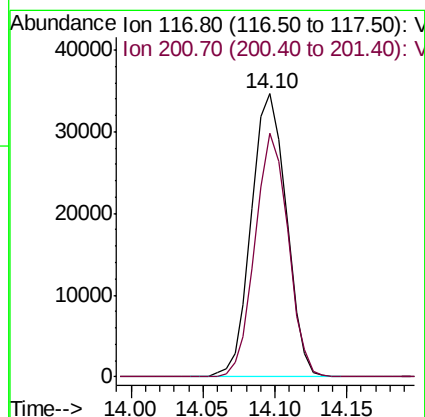
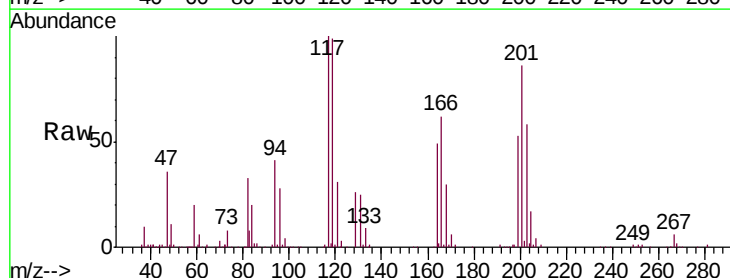
Acq: 21 Feb 2019 11:47

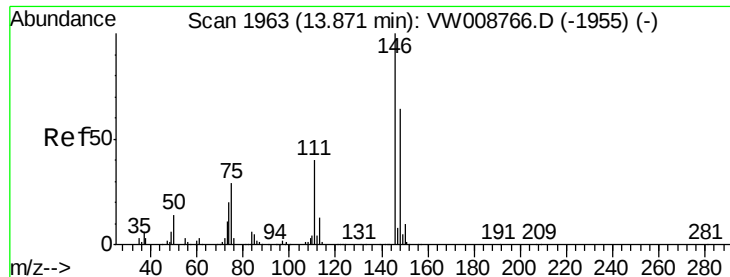
Tgt Ion: 117 Resp: 58383

Ion Ratio Lower Upper

117 100

201 81.3 40.3 120.8

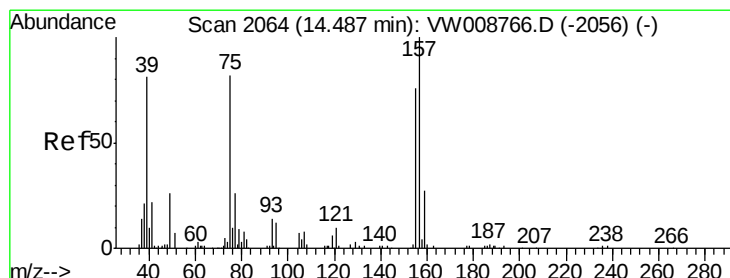
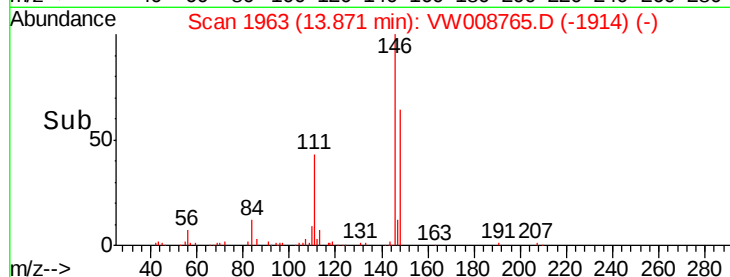
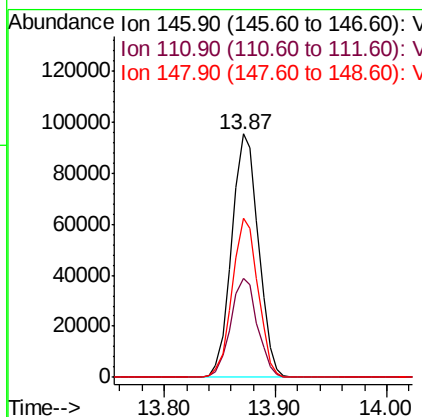
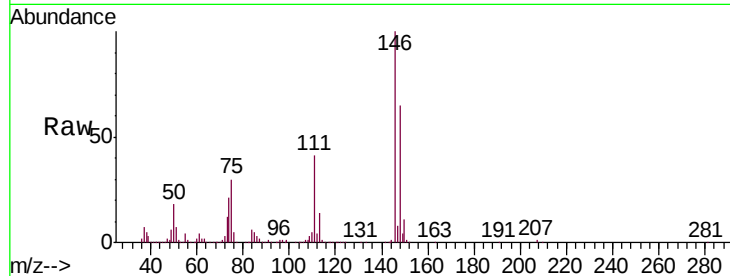




#91
 1,2-Dichlorobenzene
 Concen: 21.350 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

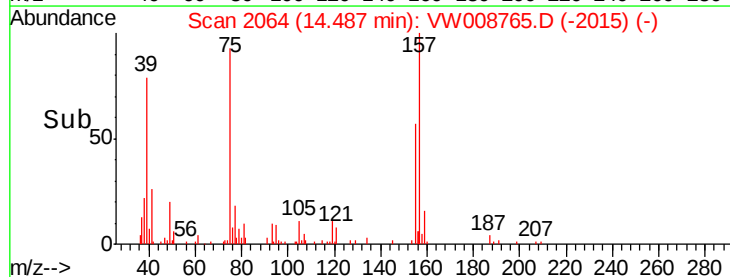
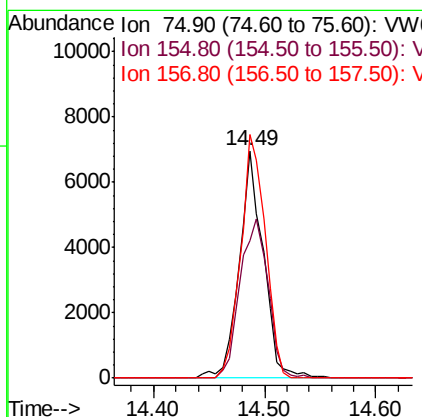
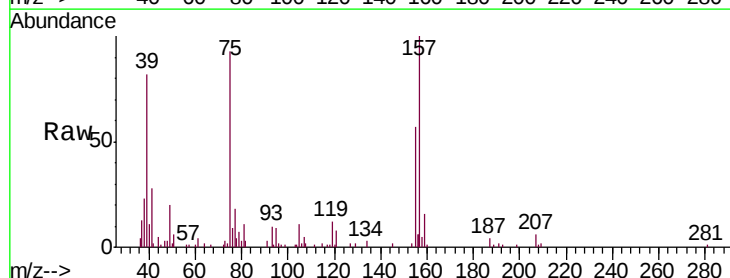
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

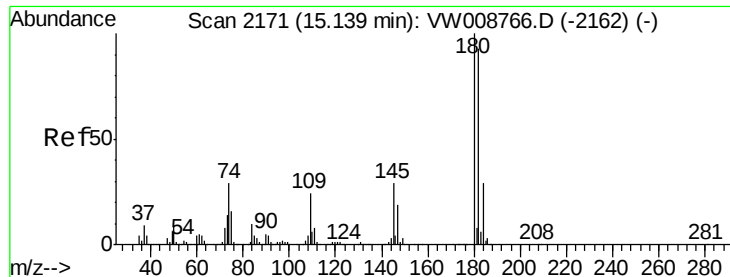
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.2	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.837 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	41.8	125.4
157	109.4	56.6	169.9

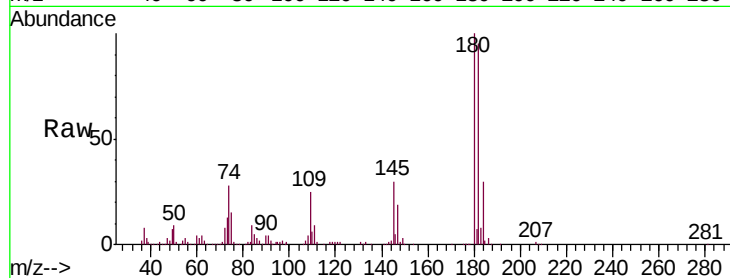




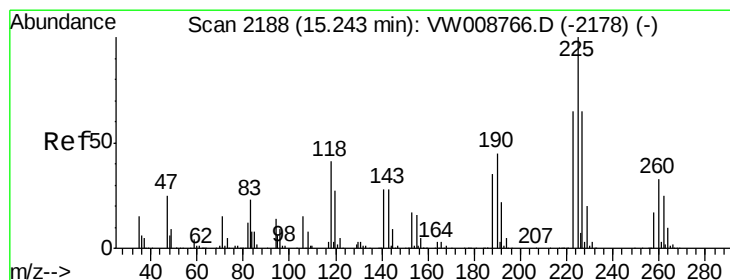
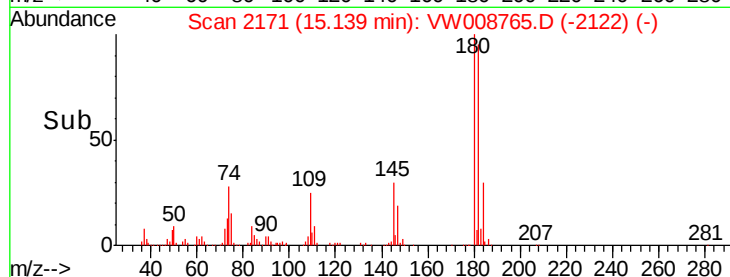
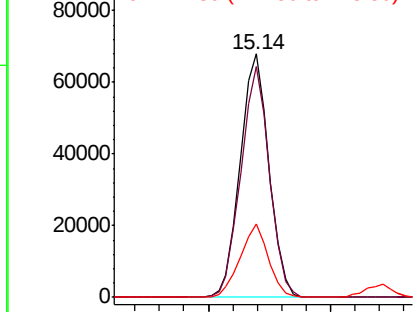
#93
 1,2,4-Trichlorobenzene
 Concen: 20.786 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 111043
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.2 141.6
 145 29.5 14.4 43.0

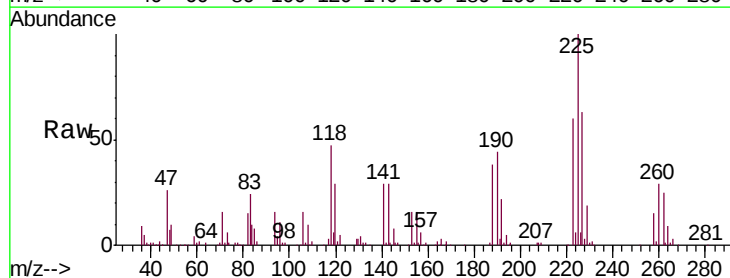


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

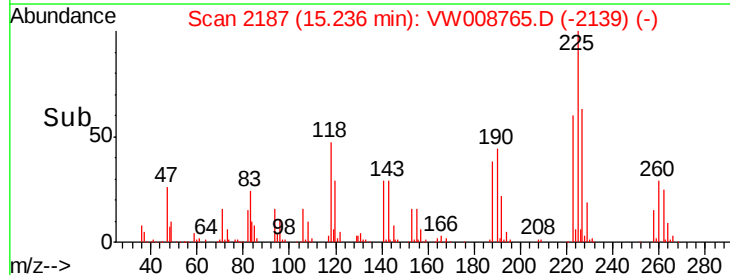
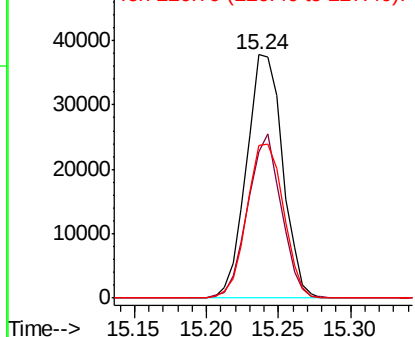


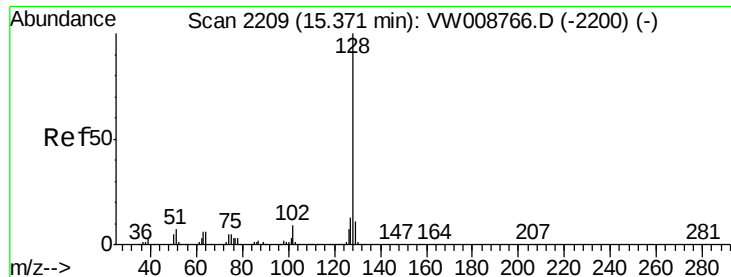
#94
 Hexachlorobutadiene
 Concen: 20.836 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW008765.D
 Acq: 21 Feb 2019 11:47

Tgt Ion:225 Resp: 65565
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.5 94.5
 227 64.4 31.6 94.8



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

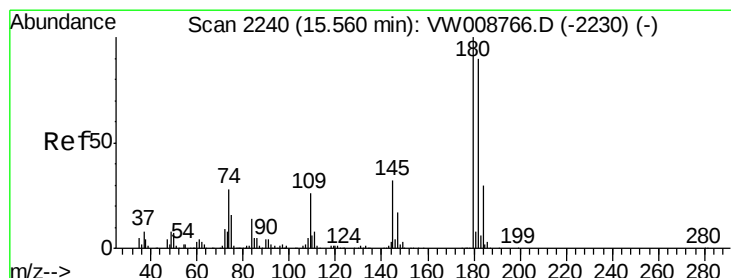
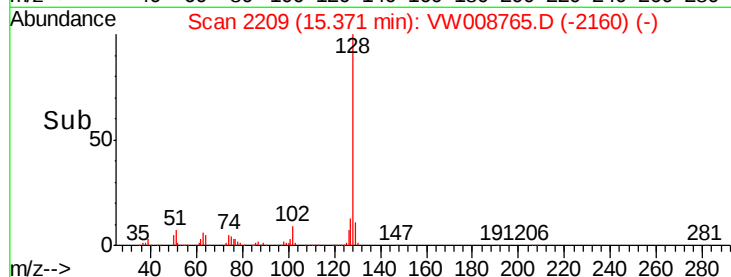
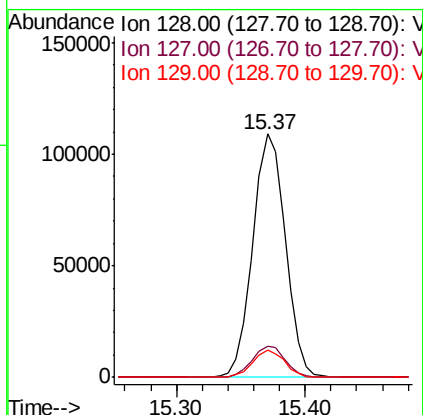
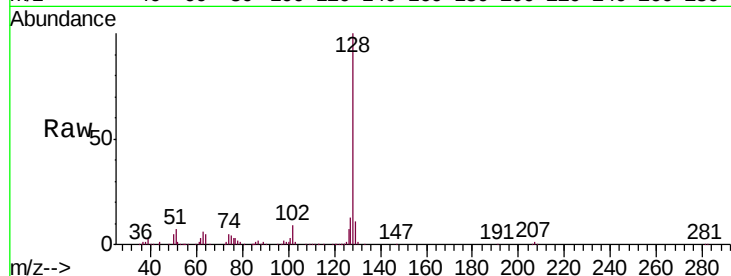




#95
Naphthalene
Concen: 21.005 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.846 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008765.D
Acq: 21 Feb 2019 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.8
145	30.2	15.9	47.6

