

Data File : VW008500.D
Acq On : 04 Feb 2019 11:47
Operator : SY/VA
Sample : VW0204SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

Quant Time: Feb 05 03:01:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	385021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	585266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	524138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	269621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	201621	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	7.88	113	192094	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
50) Toluene-d8	10.32	98	745858	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.62	95	279876	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29941	15.834	ug/l	96
3) Chloromethane	2.21	50	48987	15.587	ug/l	98
4) Vinyl Chloride	2.36	62	66912	16.725	ug/l	96
5) Bromomethane	2.77	94	51626	20.006	ug/l	98
6) Chloroethane	2.93	64	49390	20.186	ug/l	92
7) Trichlorofluoromethane	3.25	101	54906	19.012	ug/l	95
8) Diethyl Ether	3.67	74	35487	18.482	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	63712	18.296	ug/l	95
10) Methyl Iodide	4.26	142	98006	17.818	ug/l	99
11) Tert butyl alcohol	5.17	59	29356	96.397	ug/l	98
12) 1,1-Dichloroethene	4.03	96	61064	17.327	ug/l	97
13) Acrolein	3.88	56	26301	100.435	ug/l	98
14) Allyl chloride	4.65	41	106435	15.905	ug/l	97
15) Acrylonitrile	5.36	53	76963	92.826	ug/l	100
16) Acetone	4.12	43	71444	84.110	ug/l	96
17) Carbon Disulfide	4.37	76	187166	16.629	ug/l	99
18) Methyl Acetate	4.66	43	39408	17.394	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	109359	18.755	ug/l	96
20) Methylene Chloride	4.91	84	69727	17.810	ug/l	86
21) trans-1,2-Dichloroethene	5.41	96	70266	17.735	ug/l	94
22) Diisopropyl ether	6.31	45	208939	16.474	ug/l	97
23) Vinyl Acetate	6.25	43	640324	85.501	ug/l	98
24) 1,1-Dichloroethane	6.20	63	122754	17.099	ug/l	99
25) 2-Butanone	7.17	43	105787	89.664	ug/l	99
26) 2,2-Dichloropropane	7.16	77	85382	17.595	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	77833	18.025	ug/l	97
28) Bromochloromethane	7.50	49	58255	17.667	ug/l	95
29) Tetrahydrofuran	7.53	42	67359	90.094	ug/l	97
30) Chloroform	7.67	83	124626	17.649	ug/l	96
31) Cyclohexane	7.95	56	122988	16.568	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	110598	18.134	ug/l	97
36) 1,1-Dichloropropene	8.08	75	101545	18.368	ug/l	98
37) Ethyl Acetate	7.25	43	47788	19.538	ug/l	96
38) Carbon Tetrachloride	8.06	117	106056	19.064	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	9.33	83	130914	18.026	ug/l	97
40) Benzene	8.32	78	278189	18.134	ug/l	97
41) Methacrylonitrile	7.48	41	23711	16.372	ug/l	91
42) 1,2-Dichloroethane	8.40	62	83310	18.739	ug/l	99
43) Isopropyl Acetate	8.43	43	93987	18.496	ug/l	96
44) Trichloroethene	9.09	130	80111	19.203	ug/l	99
45) 1,2-Dichloropropane	9.37	63	69023	18.045	ug/l	99
46) Dibromomethane	9.46	93	37002	18.808	ug/l	96
47) Bromodichloromethane	9.64	83	95661	18.383	ug/l	96
48) Methyl methacrylate	9.43	41	43711	17.592	ug/l	98
49) 1,4-Dioxane	9.45	88	12447	374.294	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	230913	91.981	ug/l	98
52) Toluene	10.38	92	181007	17.874	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	99520	17.973	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	111583	17.757	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	53180	19.488	ug/l	94
56) Ethyl methacrylate	10.65	69	68618	17.945	ug/l	97
57) 1,3-Dichloropropane	10.93	76	90665	18.546	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	182818	98.404	ug/l	96
59) 2-Hexanone	10.97	43	165253	93.244	ug/l	99
60) Dibromochloromethane	11.13	129	65224	18.599	ug/l	100
61) 1,2-Dibromoethane	11.23	107	52608	19.443	ug/l	99
64) Tetrachloroethene	10.86	164	68430	19.283	ug/l	97
65) Chlorobenzene	11.66	112	200717	18.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	71704	18.731	ug/l	98
67) Ethyl Benzene	11.73	91	352006	17.898	ug/l	99
68) m/p-Xylenes	11.84	106	276652	36.254	ug/l	96
69) o-Xylene	12.17	106	133500	18.413	ug/l	94
70) Styrene	12.18	104	207841	17.354	ug/l	98
71) Bromoform	12.35	173	40215	18.671	ug/l #	98
73) Isopropylbenzene	12.46	105	355549	17.688	ug/l	99
74) N-amyl acetate	12.27	43	92316	17.827	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	62124	19.521	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	84064	35.861	ug/l #	1
77) Bromobenzene	12.75	156	84193	19.179	ug/l	94
78) n-propylbenzene	12.80	91	431183	17.860	ug/l	98
79) 2-Chlorotoluene	12.89	91	240151	17.628	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	299730	17.840	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	21095	17.774	ug/l	97
82) 4-Chlorotoluene	12.99	91	252218	17.389	ug/l	97
83) tert-Butylbenzene	13.21	119	266364	17.816	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	305536	17.892	ug/l	100
85) sec-Butylbenzene	13.38	105	383404	17.957	ug/l	99
86) p-Isopropyltoluene	13.50	119	343048	18.342	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	165884	18.711	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	165352	18.767	ug/l	99
89) n-Butylbenzene	13.83	91	325721	17.737	ug/l	99
90) Hexachloroethane	14.10	117	64278	17.574	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	147715	18.830	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11266	18.658	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020419\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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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	112406	20.080	ug/l	99
94) Hexachlorobutadiene	15.24	225	67617	20.043	ug/l	99
95) Naphthalene	15.37	128	196562	19.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	97399	20.511	ug/l	99

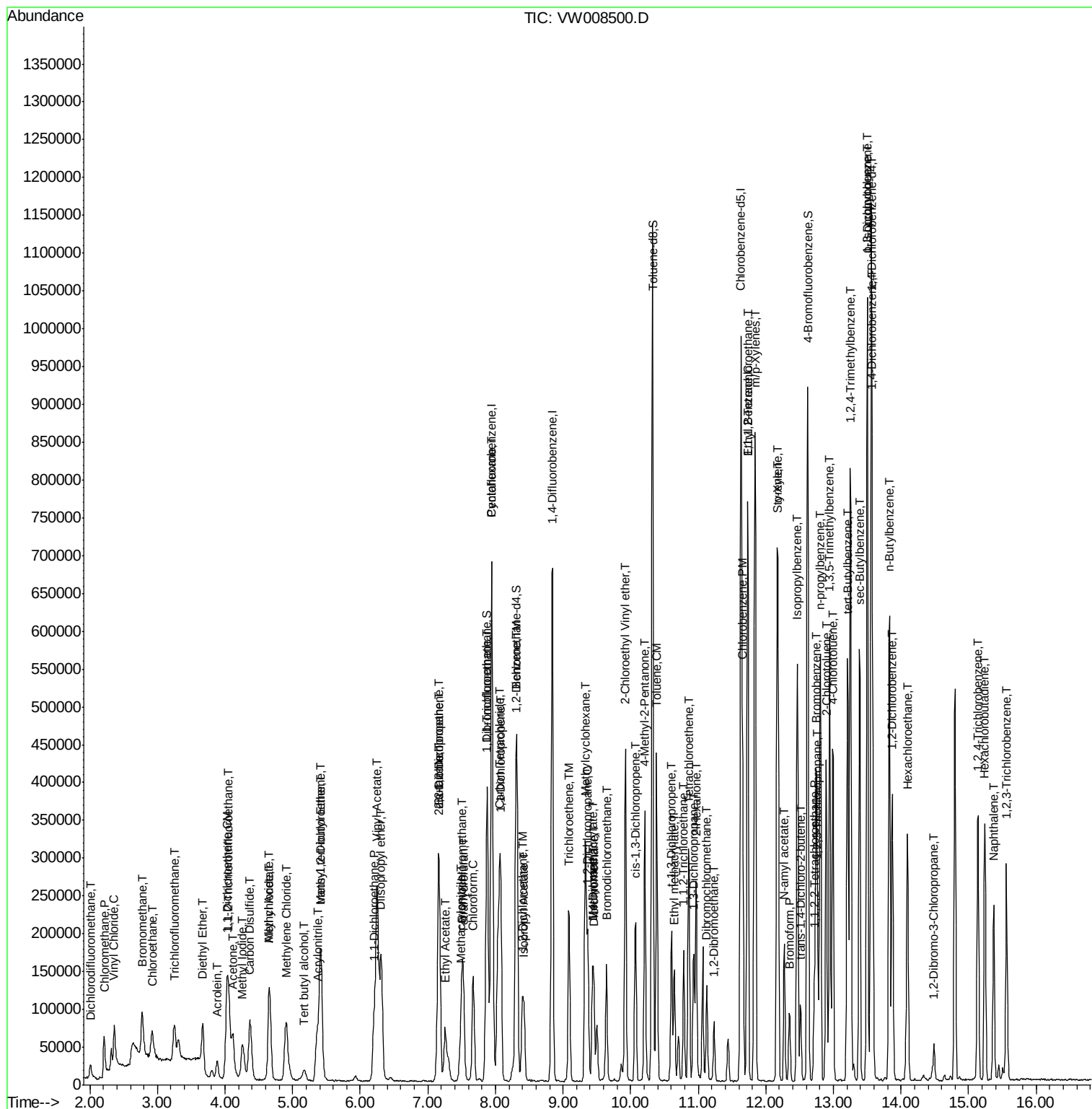
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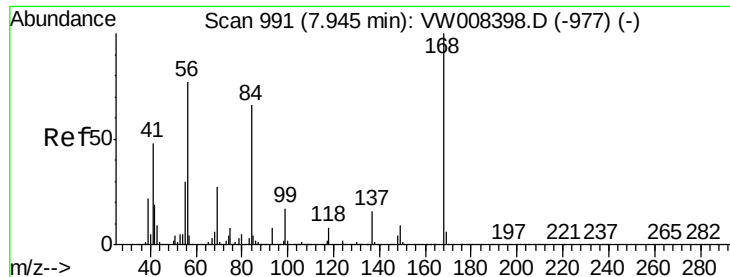
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Acq On       : 04 Feb 2019   11:47
Operator     : SY/VA
Sample       : VW0204SBD01
Misc         : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial     : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

Quant Time: Feb 05 03:01:11 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

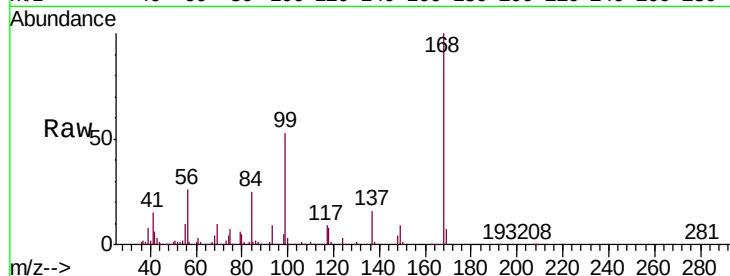
VW0204SBSD01

Tgt Ion: 168 Resp: 385021

Ion Ratio Lower Upper

168 100

99 53.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

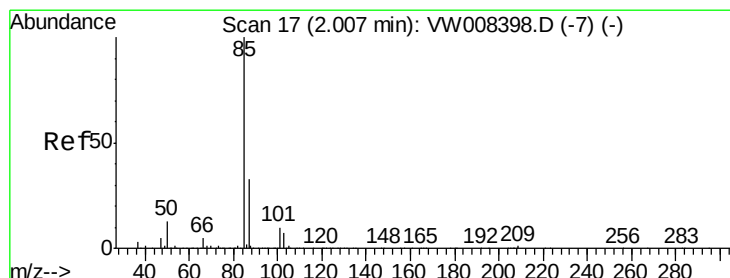
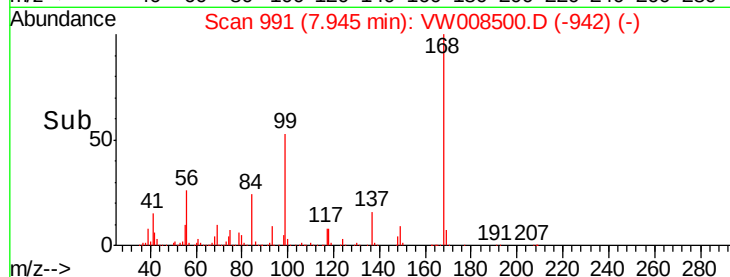
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 15.834 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008500.D

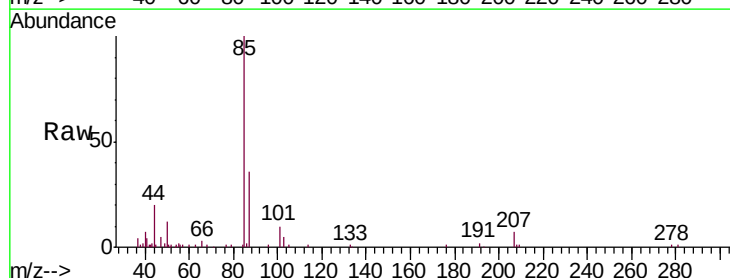
Acq: 04 Feb 2019 11:47

Tgt Ion: 85 Resp: 29941

Ion Ratio Lower Upper

85 100

87 35.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

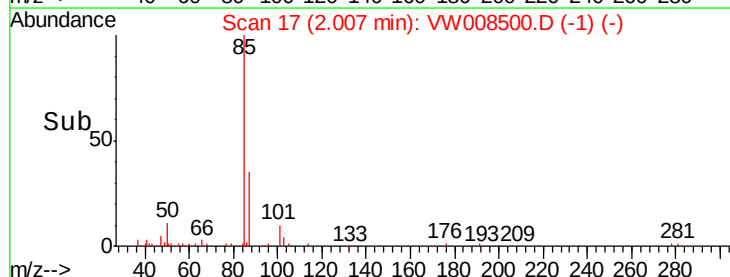
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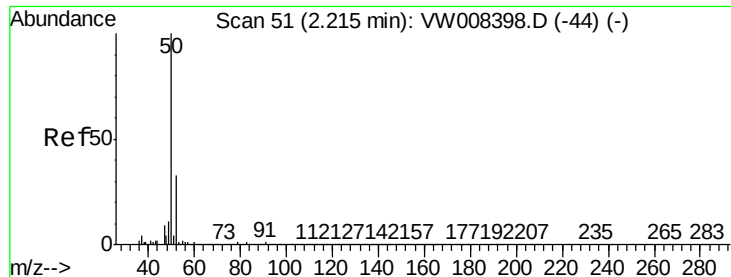
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2000

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Time--> 1.90 2.00 2.10

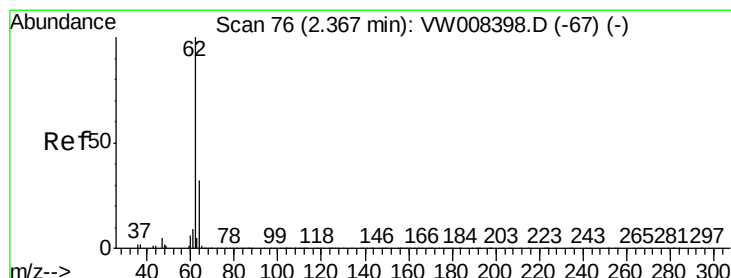
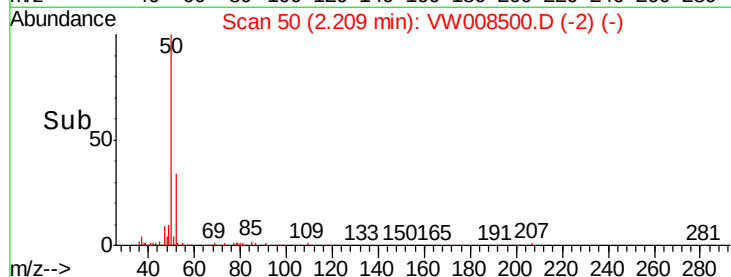
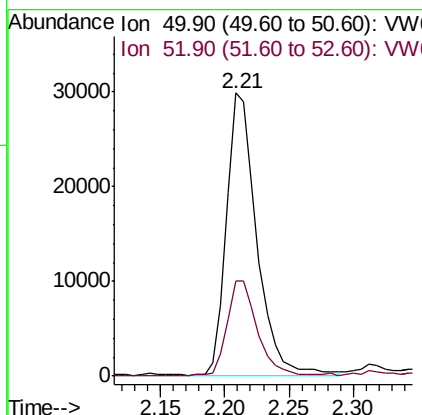
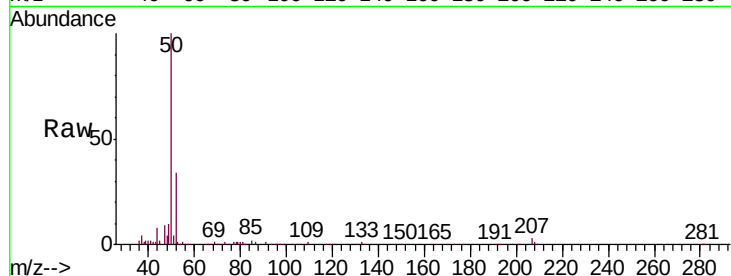




#3
Chloromethane
Concen: 15.587 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

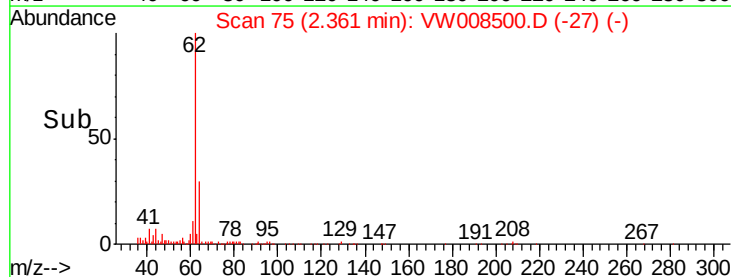
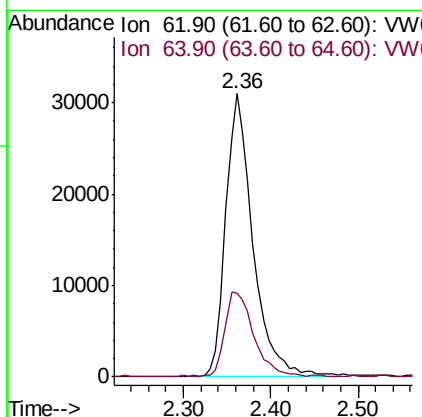
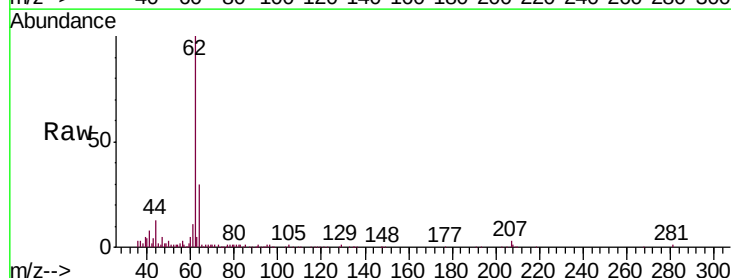
Instrument :
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ClientSampleId :
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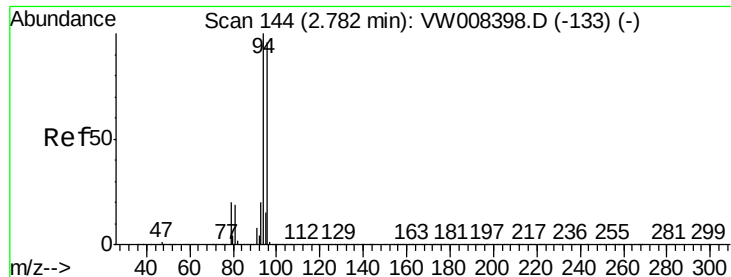
Tgt Ion: 50 Resp: 48987
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5



#4
Vinyl Chloride
Concen: 16.725 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 62 Resp: 66912
Ion Ratio Lower Upper
62 100
64 29.7 25.5 38.3





#5

Bromomethane

Concen: 20.006 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

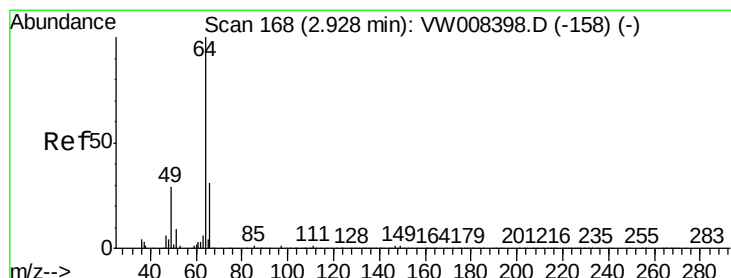
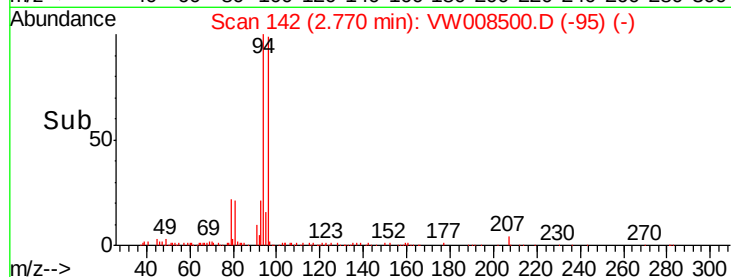
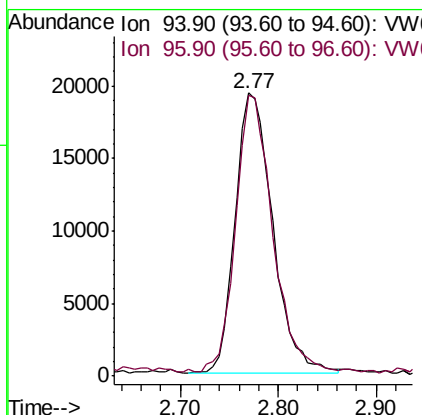
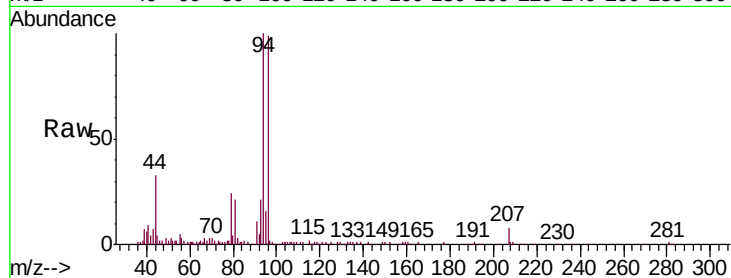
VW0204SBSD01

Tgt Ion: 94 Resp: 51626

Ion Ratio Lower Upper

94 100

96 98.0 77.2 115.8



#6

Chloroethane

Concen: 20.186 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008500.D

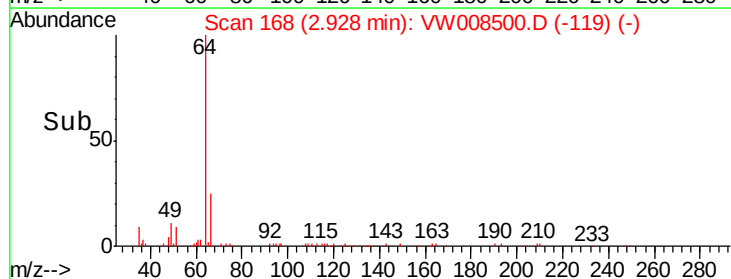
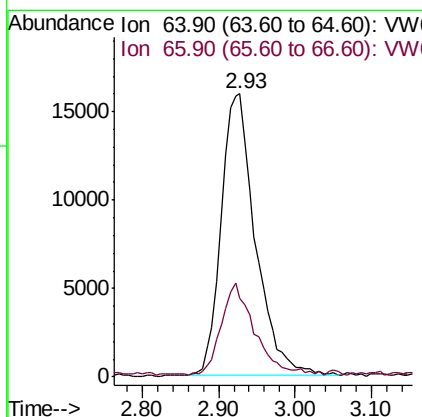
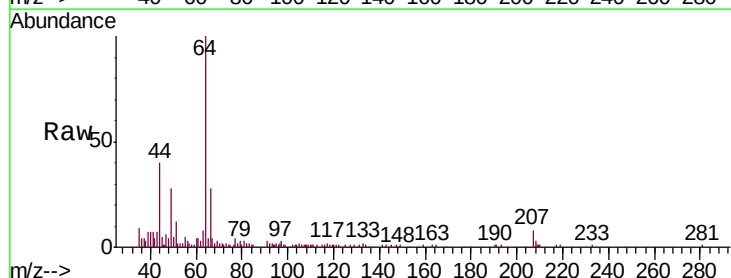
Acq: 04 Feb 2019 11:47

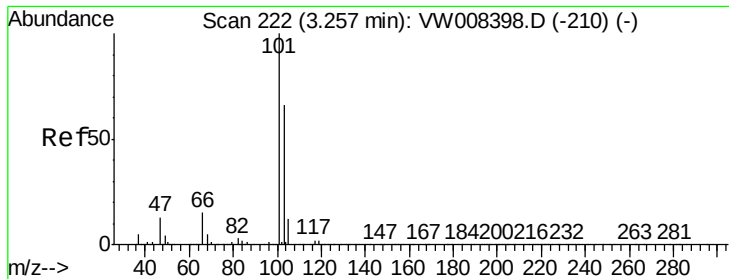
Tgt Ion: 64 Resp: 49390

Ion Ratio Lower Upper

64 100

66 26.9 24.9 37.3



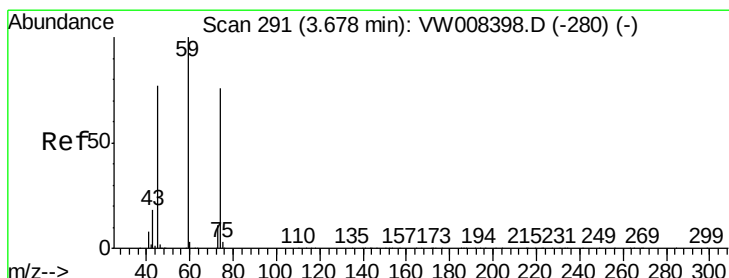
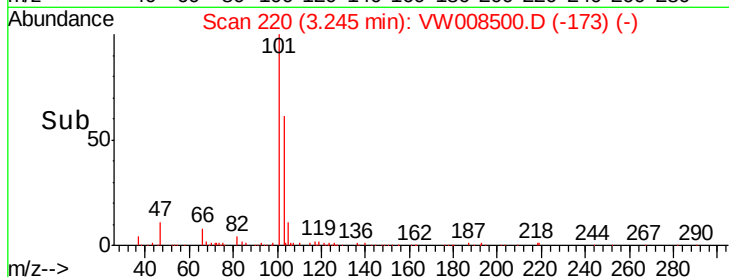
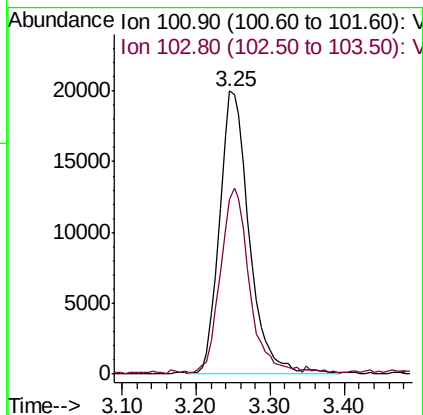
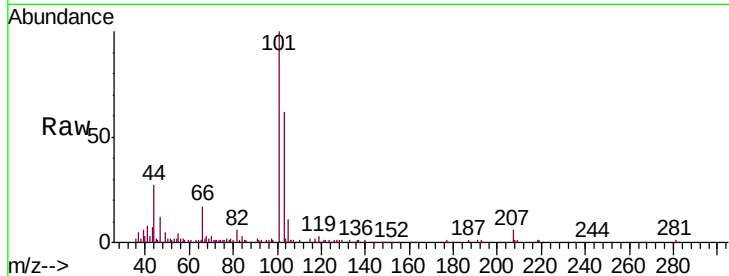


#7

Trichlorofluoromethane
 Concen: 19.012 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Instrument :
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 ClientSampleId :
 VW0204SBSD01

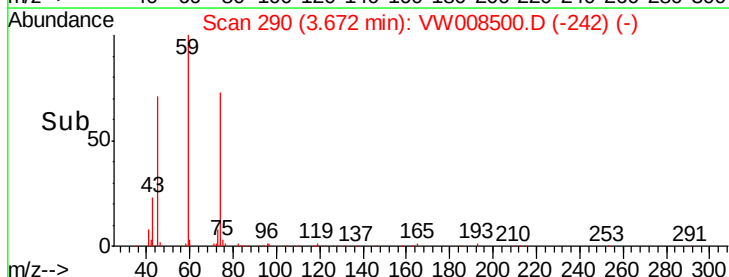
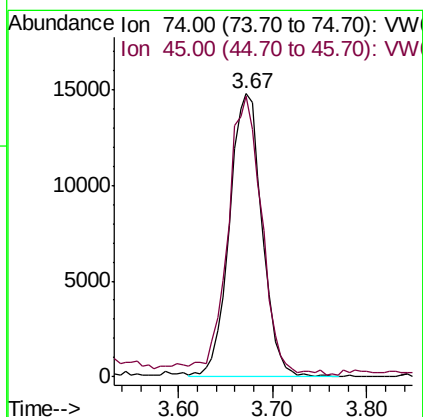
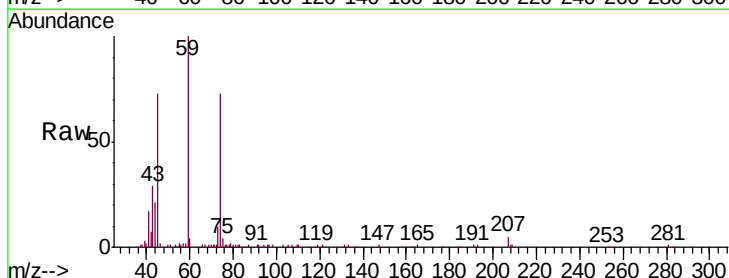
Tgt Ion: 101 Resp: 54906
 Ion Ratio Lower Upper
 101 100
 103 61.3 52.5 78.7

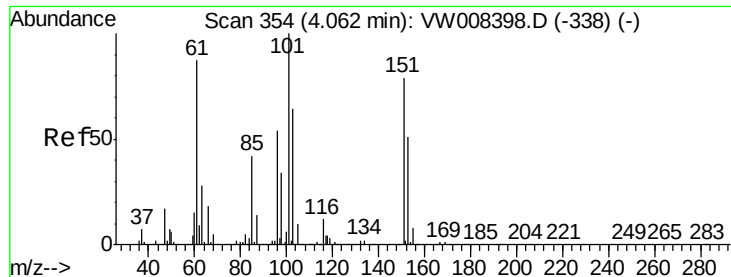


#8

Diethyl Ether
 Concen: 18.482 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion: 74 Resp: 35487
 Ion Ratio Lower Upper
 74 100
 45 98.5 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.296 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

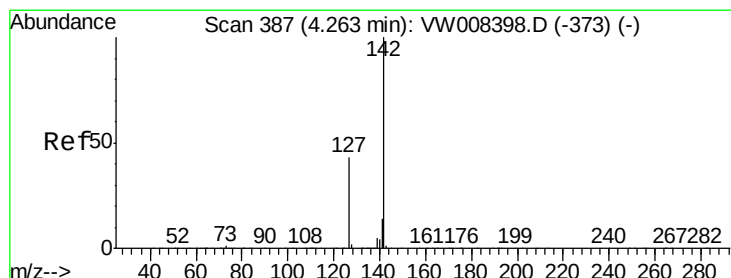
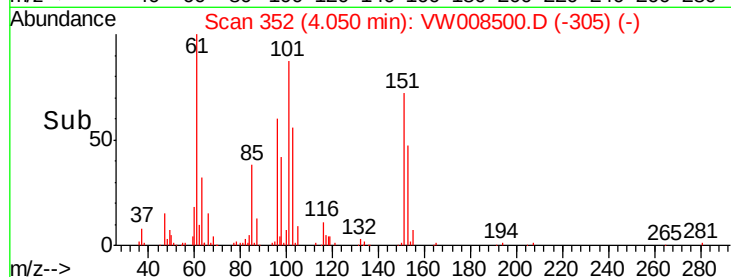
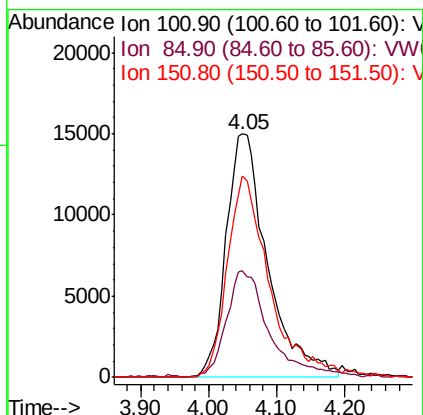
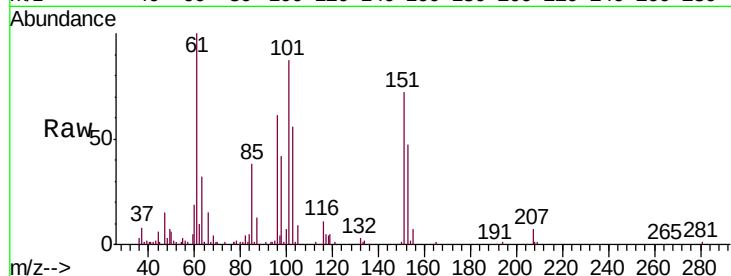
Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

Tgt Ion:	101	Resp:	63712
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.0	52.4
151	83.2	62.6	94.0



#10

Methyl Iodide

Concen: 17.818 ug/l

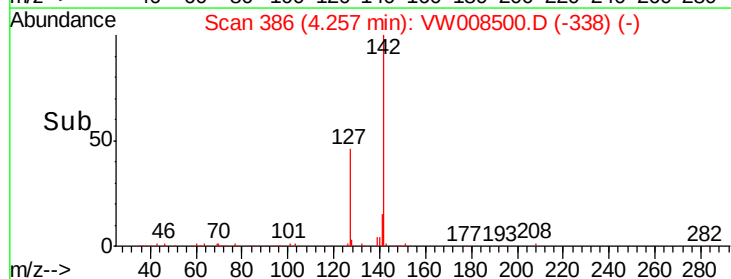
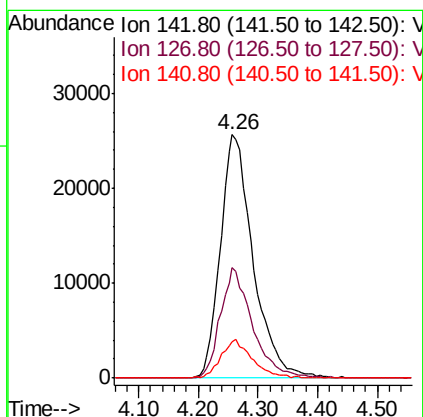
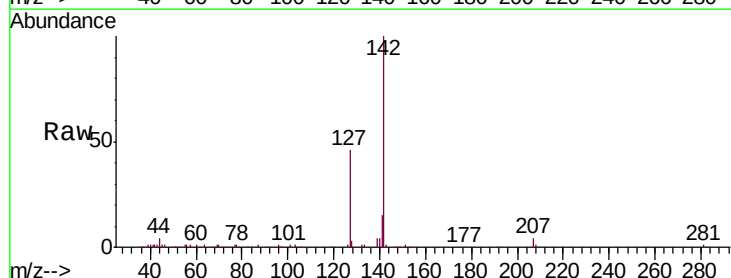
RT: 4.26 min Scan# 386

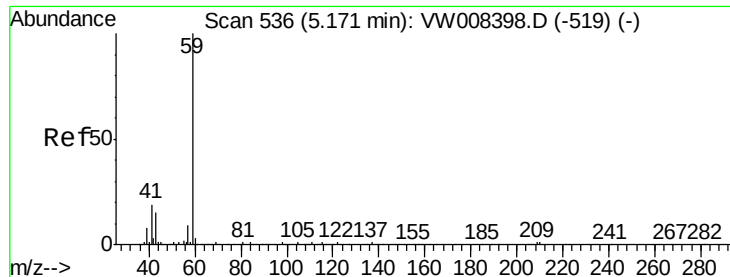
Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Tgt Ion:	142	Resp:	98006
Ion Ratio	Lower	Upper	
142	100		
127	44.0	34.6	52.0
141	15.0	11.4	17.2

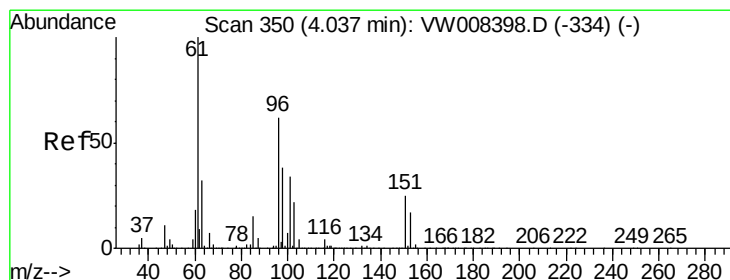
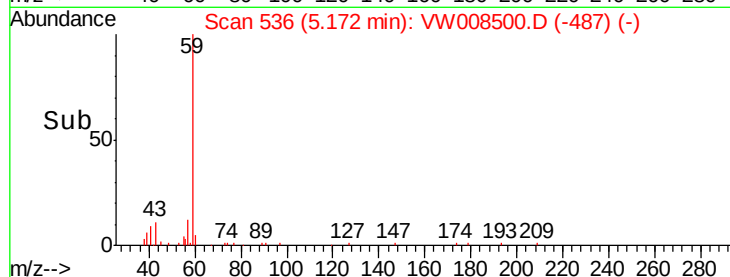
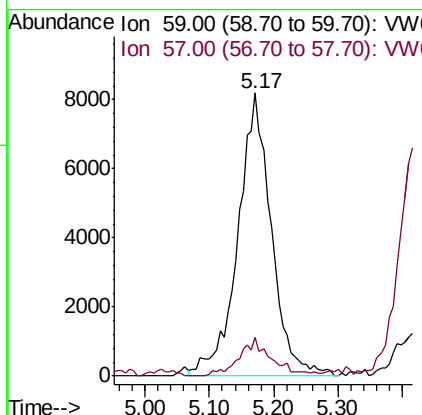
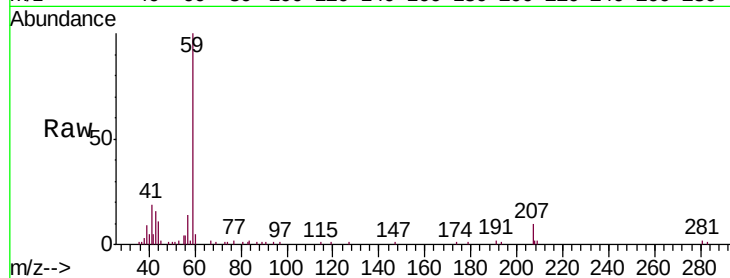




#11
Tert butyl alcohol
Concen: 96.397 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

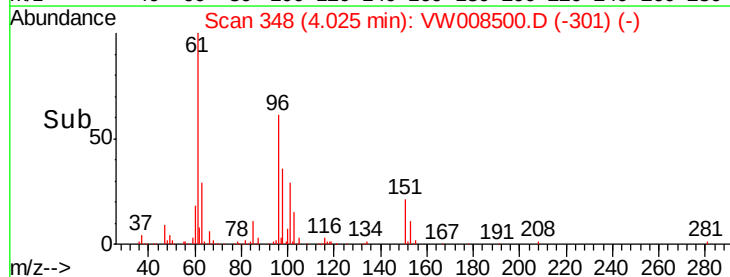
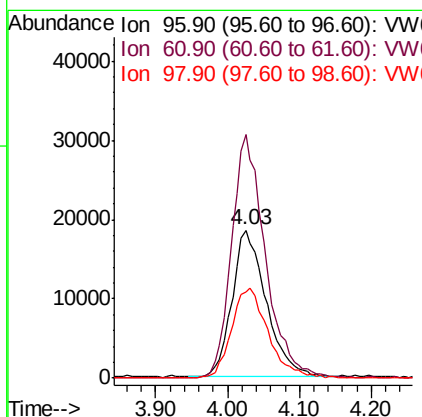
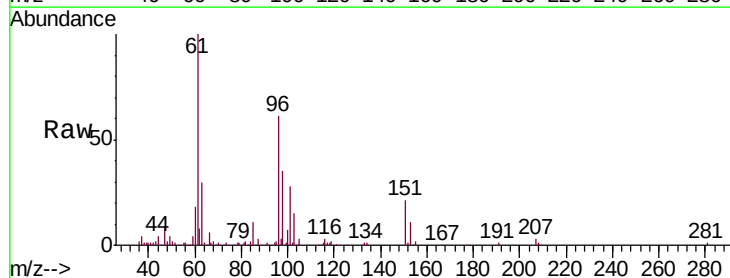
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

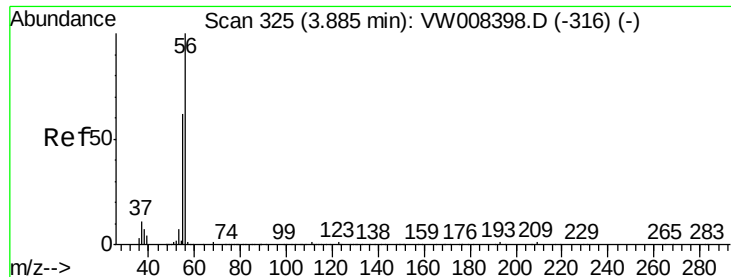
Tgt Ion: 59 Resp: 29356
Ion Ratio Lower Upper
59 100
57 12.5 9.3 13.9



#12
1,1-Dichloroethene
Concen: 17.327 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 96 Resp: 61064
Ion Ratio Lower Upper
96 100
61 166.3 129.5 194.3
98 59.0 48.6 73.0





#13

Acrolein

Concen: 100.435 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

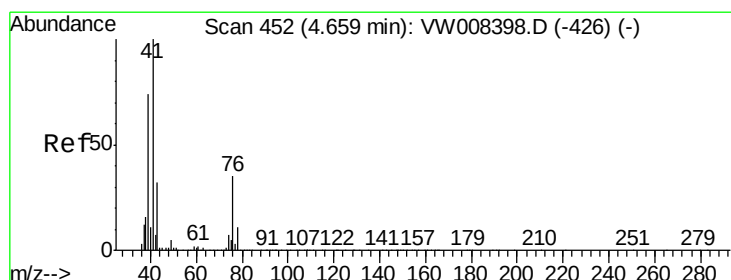
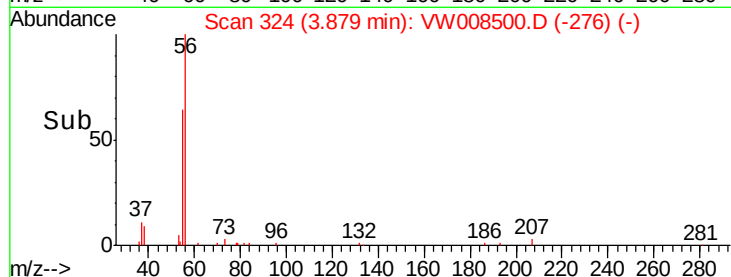
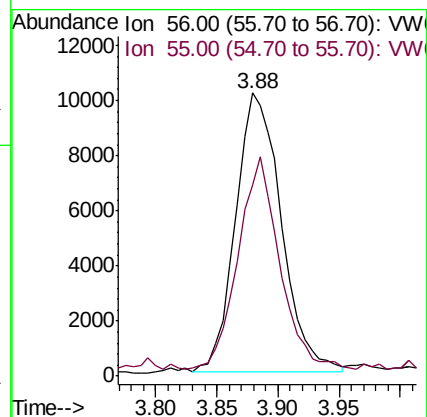
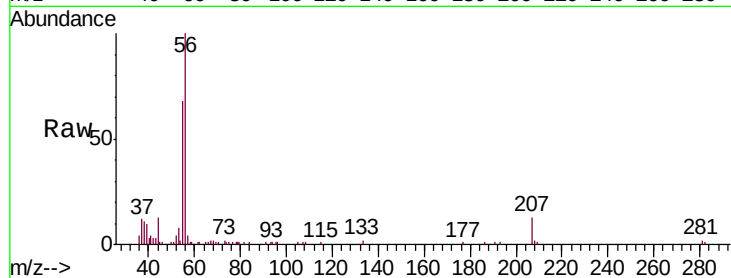
VW0204SBSD01

Tgt Ion: 56 Resp: 26301

Ion Ratio Lower Upper

56 100

55 69.0 56.7 85.1



#14

Allyl chloride

Concen: 15.905 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

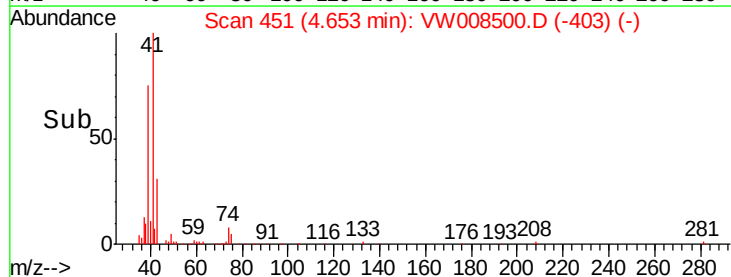
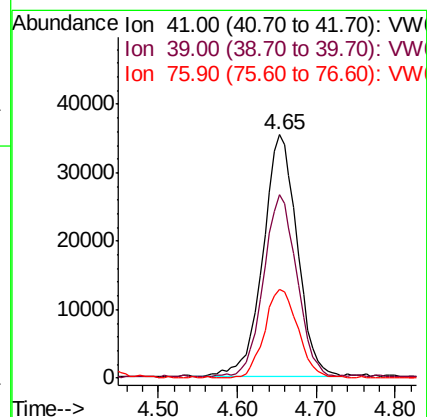
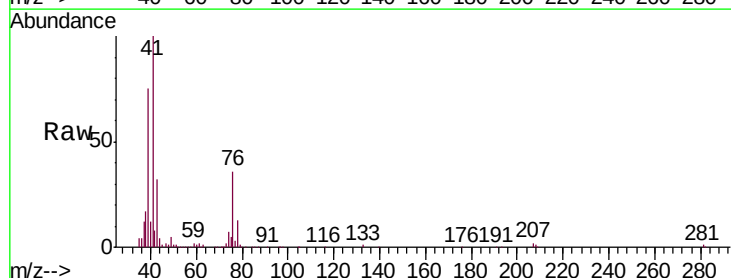
Tgt Ion: 41 Resp: 106435

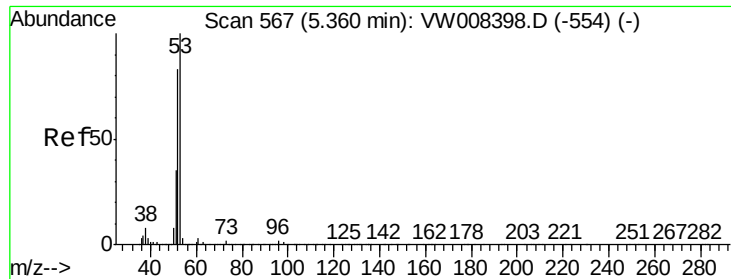
Ion Ratio Lower Upper

41 100

39 73.6 57.7 86.5

76 36.1 26.9 40.3





#15

Acrylonitrile

Concen: 92.826 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

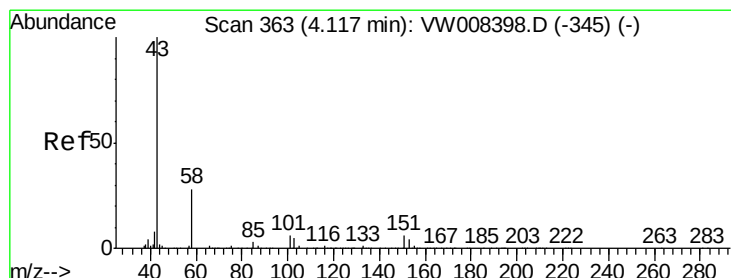
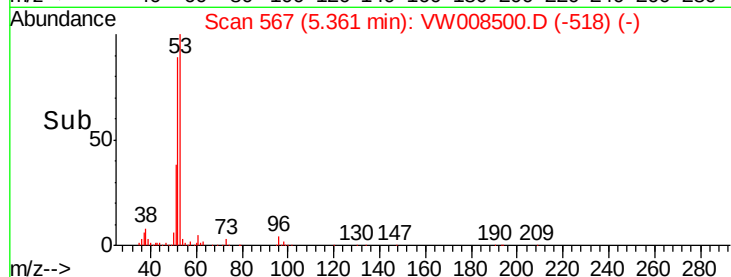
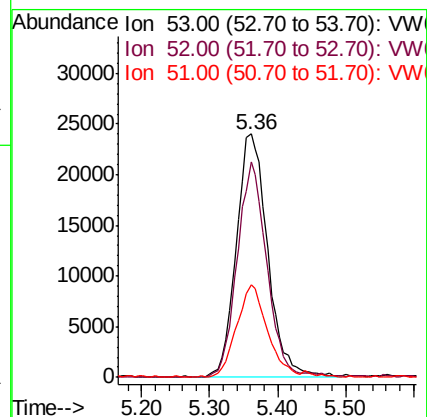
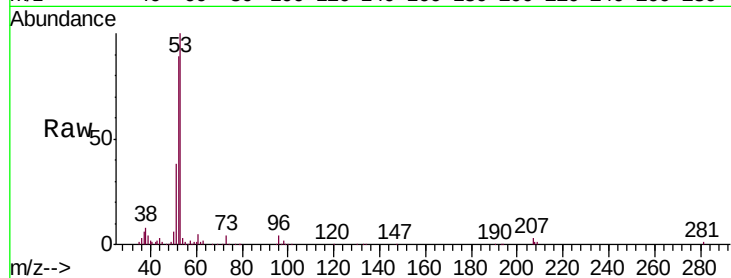
Tgt Ion: 53 Resp: 76963

Ion Ratio Lower Upper

53 100

52 83.5 67.0 100.4

51 37.2 29.8 44.8



#16

Acetone

Concen: 84.110 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008500.D

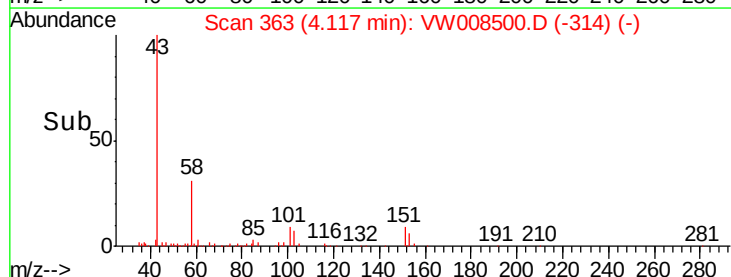
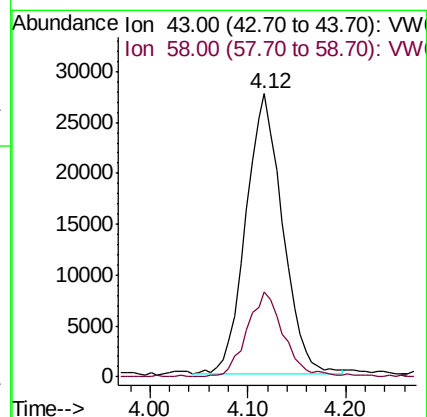
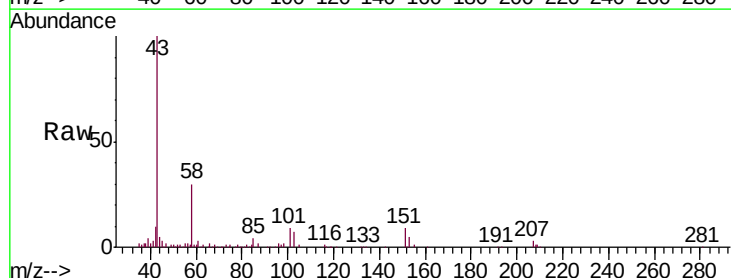
Acq: 04 Feb 2019 11:47

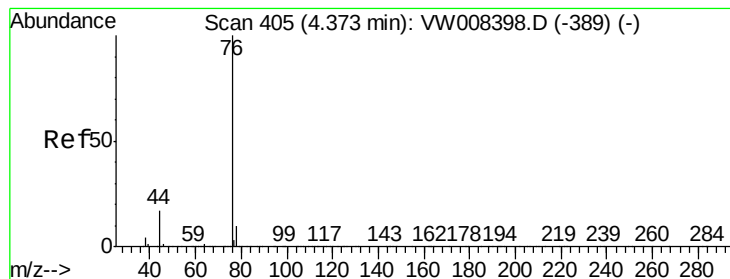
Tgt Ion: 43 Resp: 71444

Ion Ratio Lower Upper

43 100

58 30.2 22.6 34.0





#17

Carbon Disulfide

Concen: 16.629 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

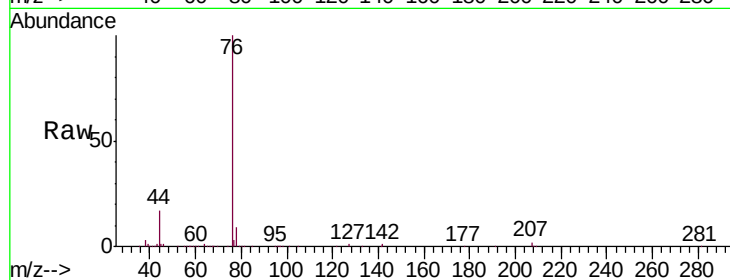
VW0204SBSD01

Tgt Ion: 76 Resp: 187166

Ion Ratio Lower Upper

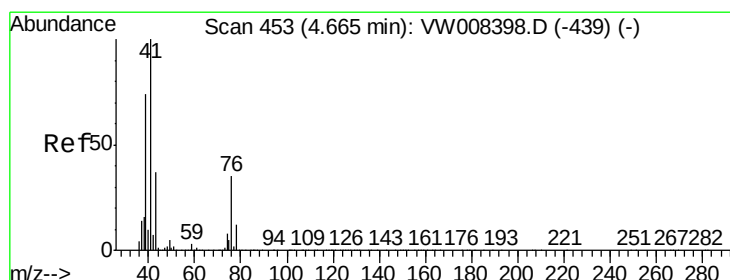
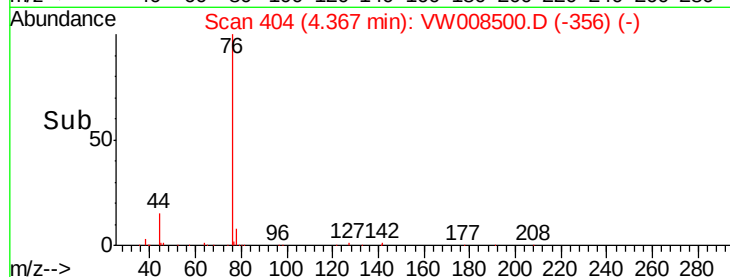
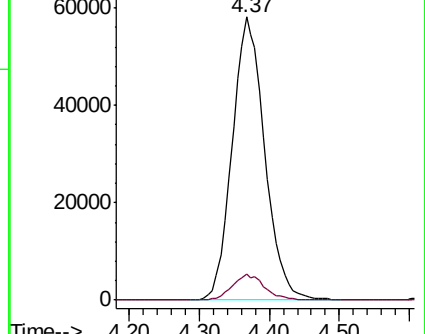
76 100

78 9.1 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 17.394 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008500.D

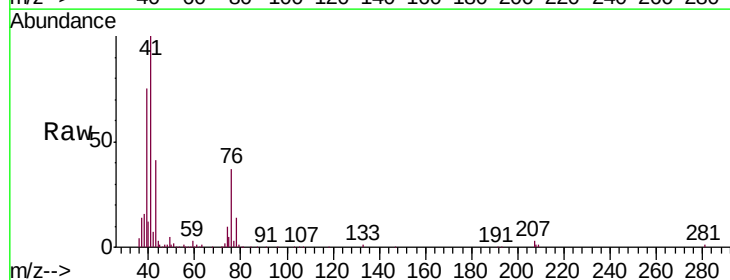
Acq: 04 Feb 2019 11:47

Tgt Ion: 43 Resp: 39408

Ion Ratio Lower Upper

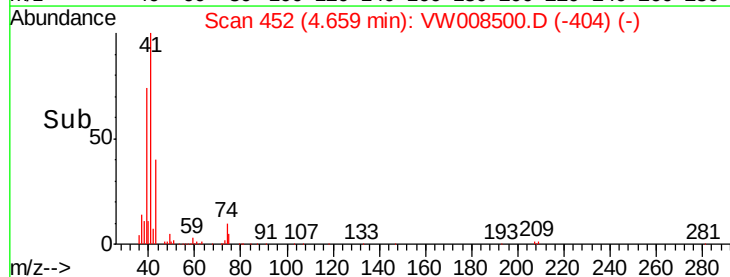
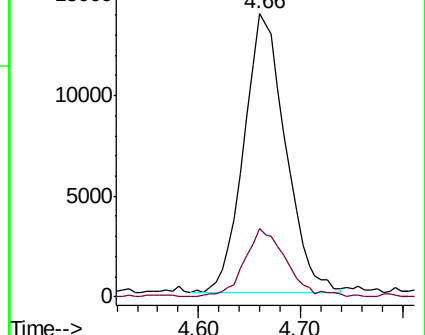
43 100

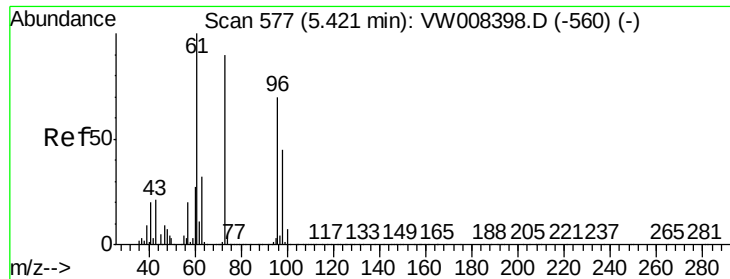
74 24.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



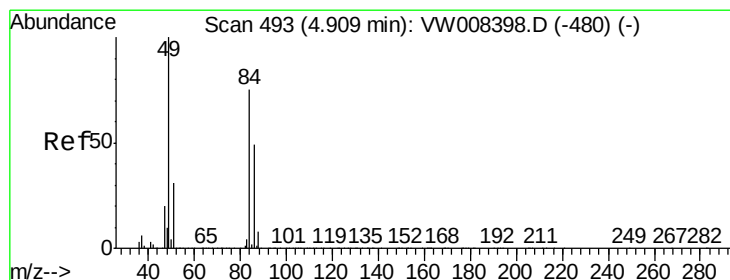
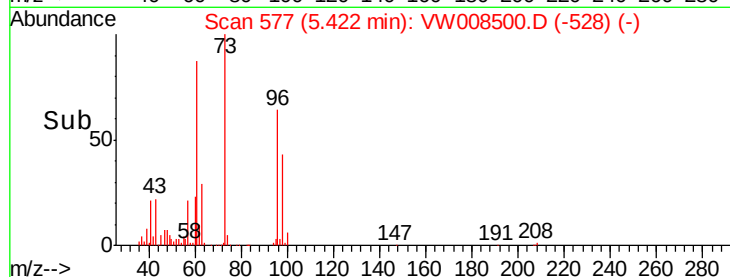
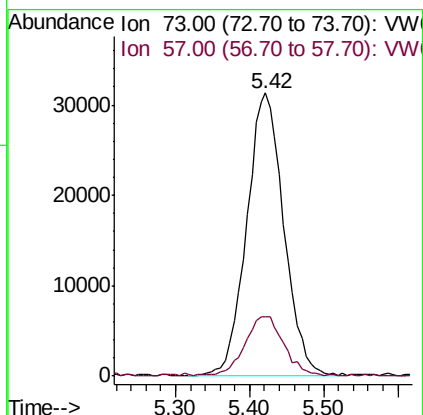
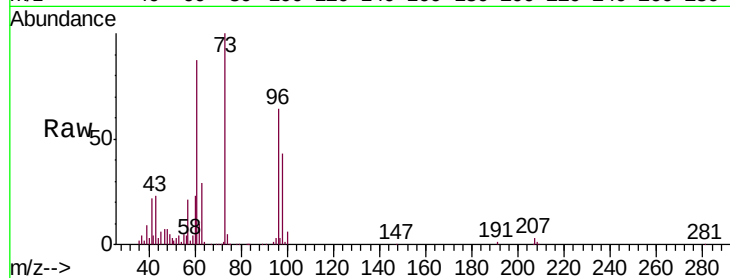


#19

Methyl tert-butyl Ether
 Concen: 18.755 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

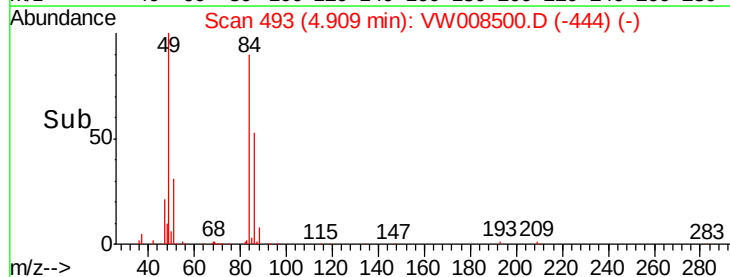
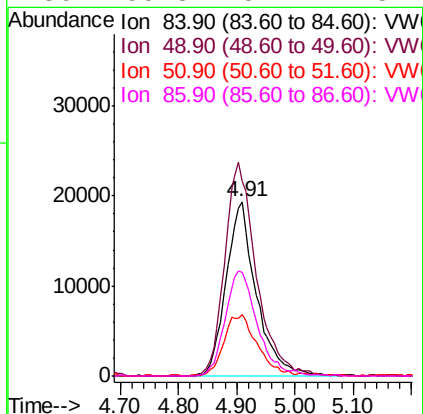
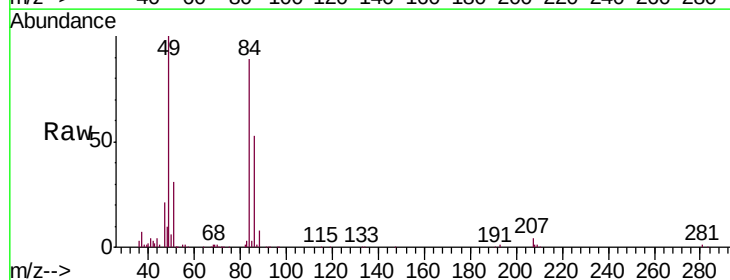
Tgt Ion: 73 Resp: 109359
 Ion Ratio Lower Upper
 73 100
 57 20.6 18.0 27.0

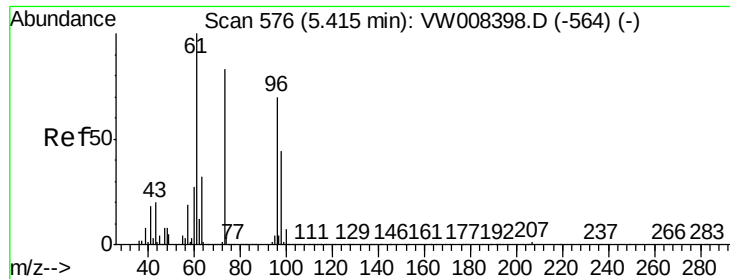


#20

Methylene Chloride
 Concen: 17.810 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion: 84 Resp: 69727
 Ion Ratio Lower Upper
 84 100
 49 112.1 106.8 160.2
 51 35.3 32.9 49.3
 86 59.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 17.735 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

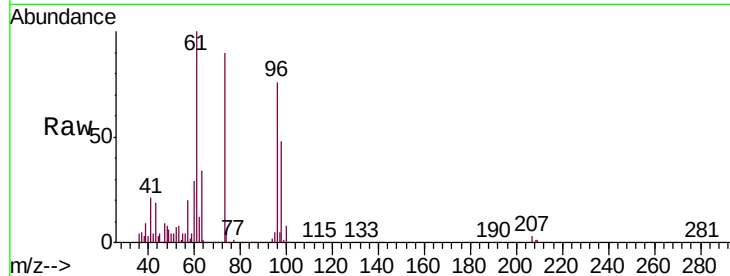
Tgt Ion: 96 Resp: 70266

Ion Ratio Lower Upper

96 100

61 132.2 114.4 171.6

98 63.3 50.6 75.8

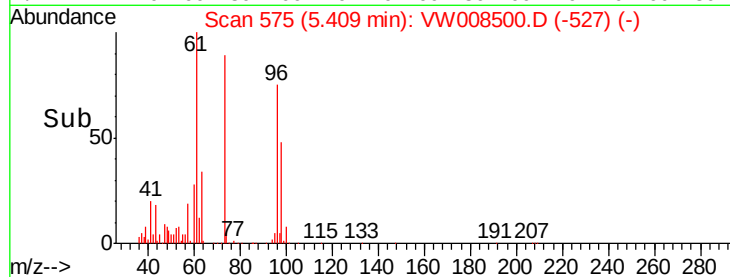
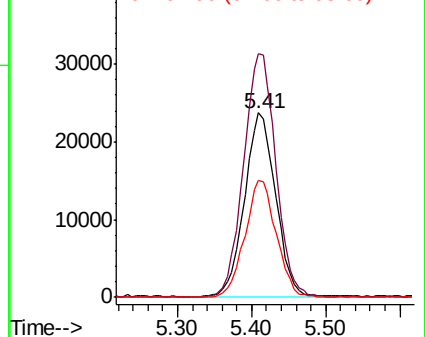


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 16.474 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Tgt Ion: 45 Resp: 208939

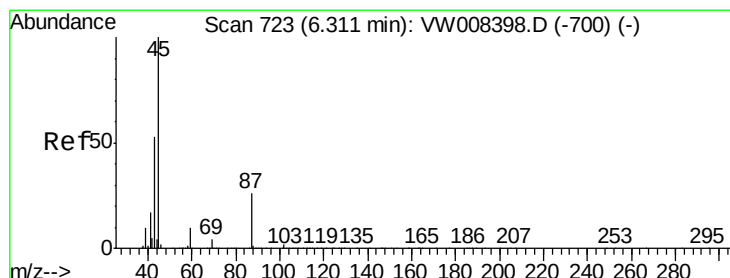
Ion Ratio Lower Upper

45 100

43 56.3 42.6 63.8

87 25.9 20.3 30.5

59 11.0 8.4 12.6



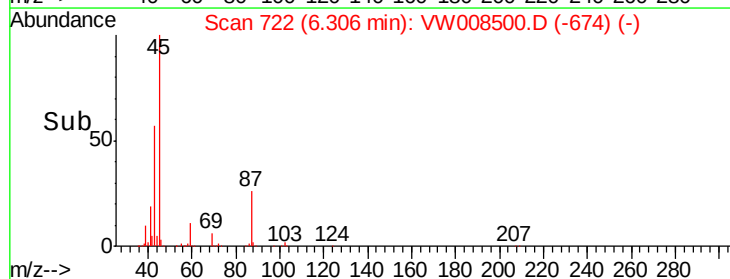
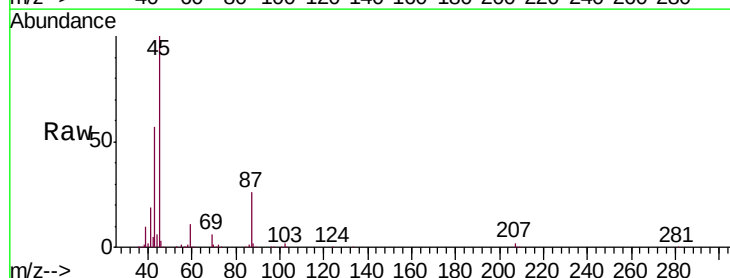
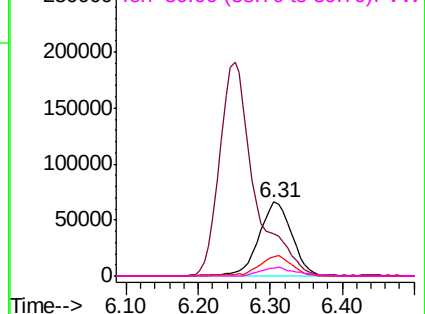
Abundance

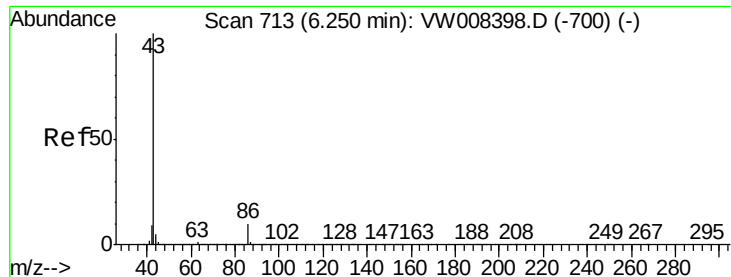
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 85.501 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

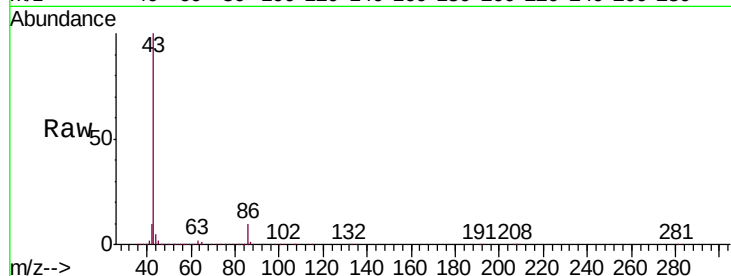
VW0204SBSD01

Tgt Ion: 43 Resp: 640324

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

200000

150000

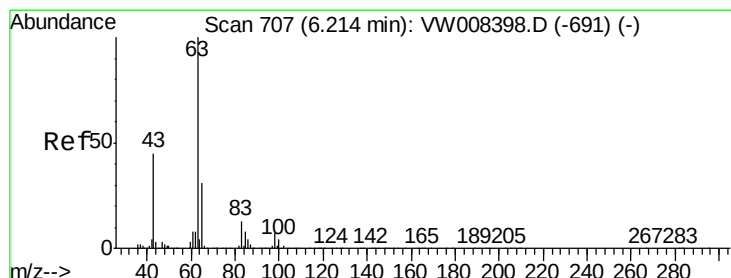
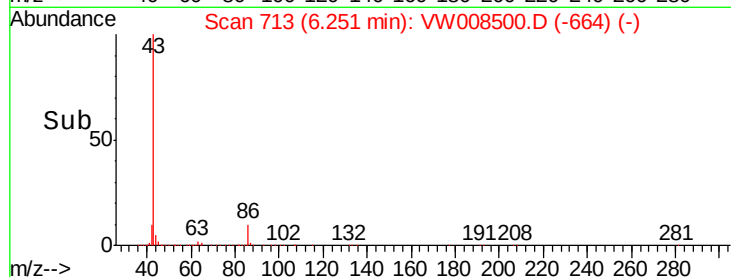
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 17.099 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

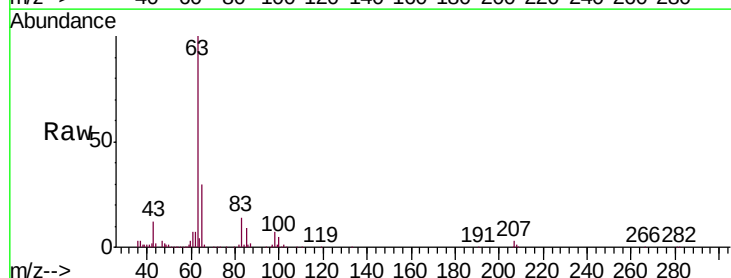
Tgt Ion: 63 Resp: 122754

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.9 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.20

50000

40000

30000

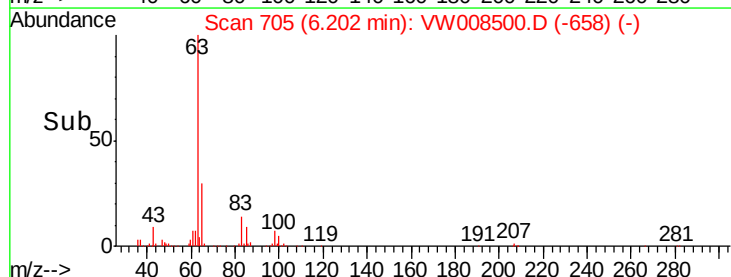
20000

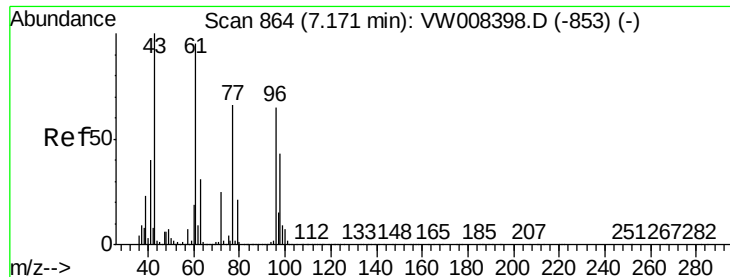
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 89.664 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

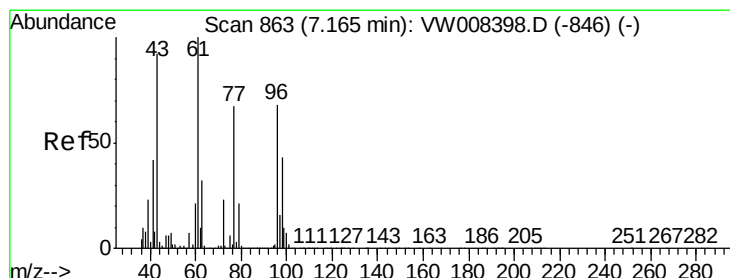
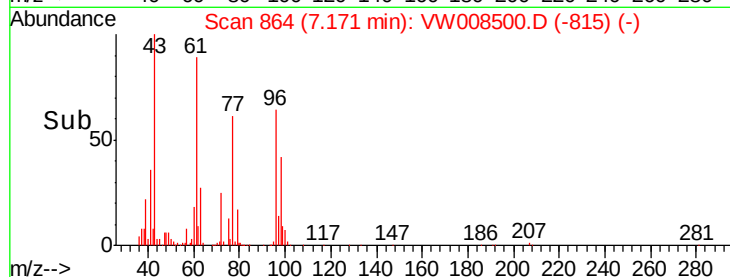
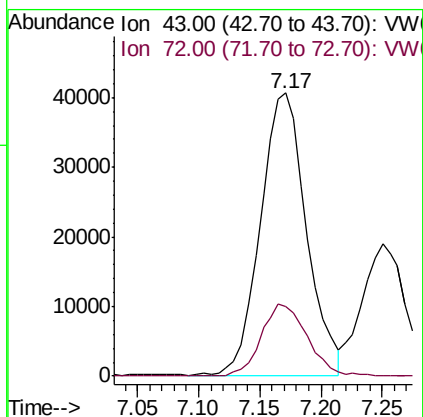
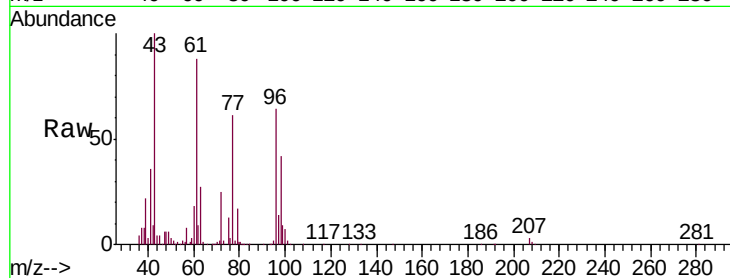
VW0204SBSD01

Tgt Ion: 43 Resp: 105787

Ion Ratio Lower Upper

43 100

72 24.7 20.1 30.1



#26

2,2-Dichloropropane

Concen: 17.595 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008500.D

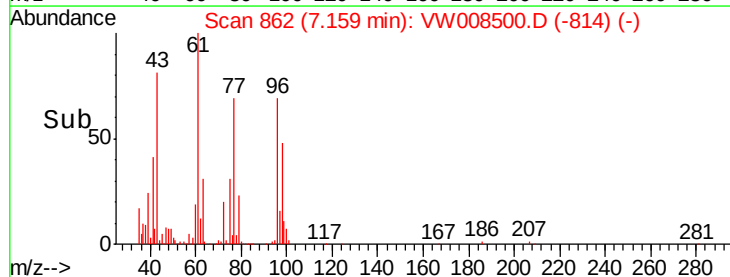
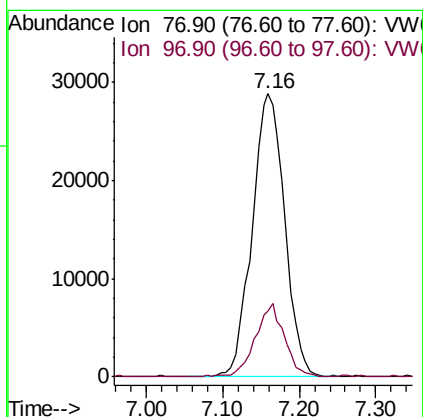
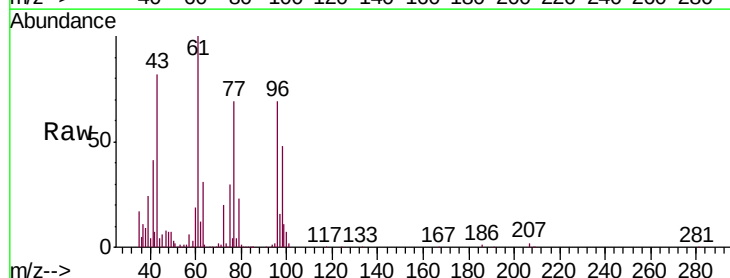
Acq: 04 Feb 2019 11:47

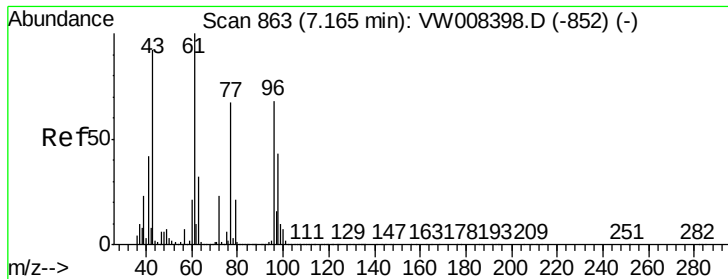
Tgt Ion: 77 Resp: 85382

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5



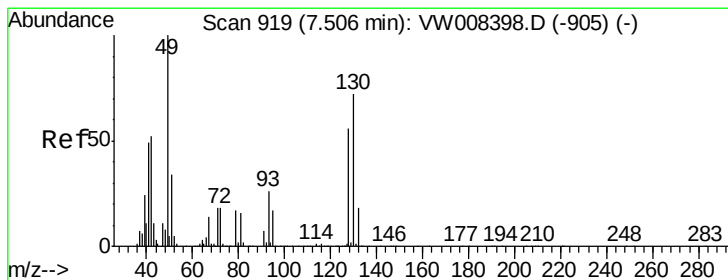
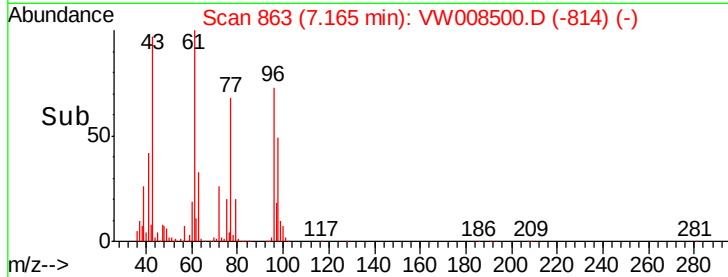
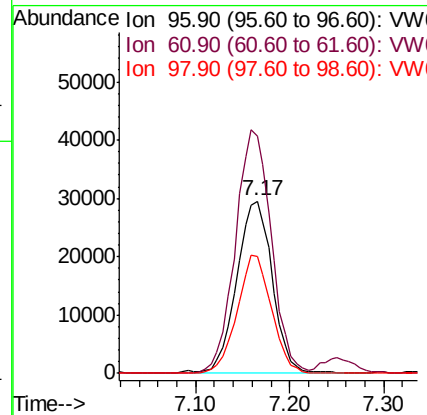
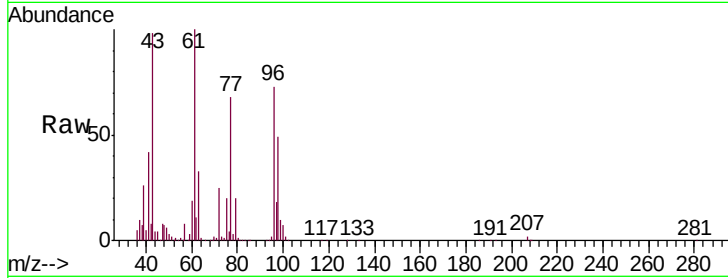


#27

cis-1,2-Dichloroethene
 Concen: 18.025 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

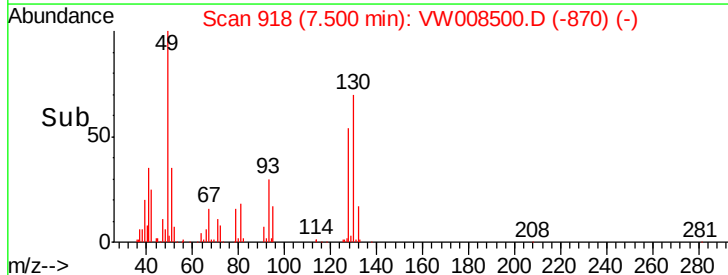
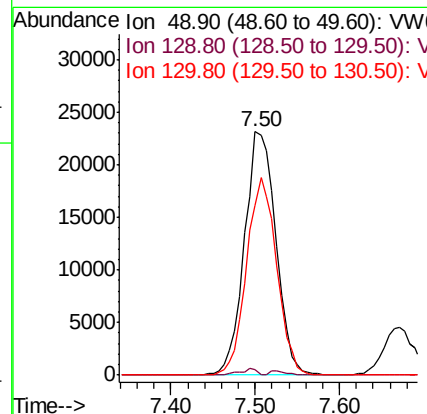
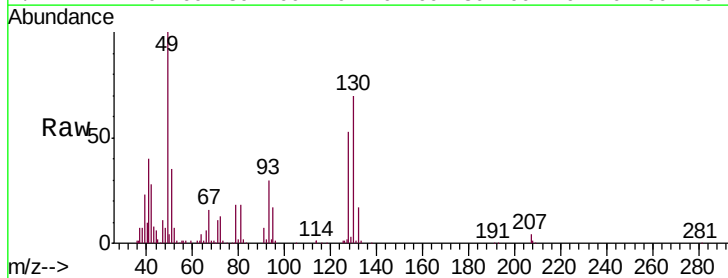
Tgt Ion	Resp	Lower	Upper
96	77833		
61	142.4	0.0	292.8
98	66.0	0.0	129.2

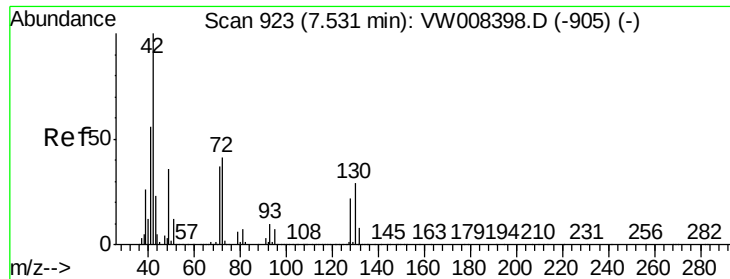


#28

Bromochloromethane
 Concen: 17.667 ug/l
 RT: 7.50 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion	Resp	Lower	Upper
49	58255		
129	1.3	0.0	4.6
130	77.6	58.6	87.8

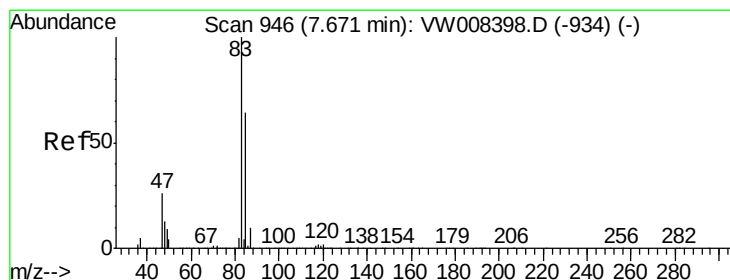
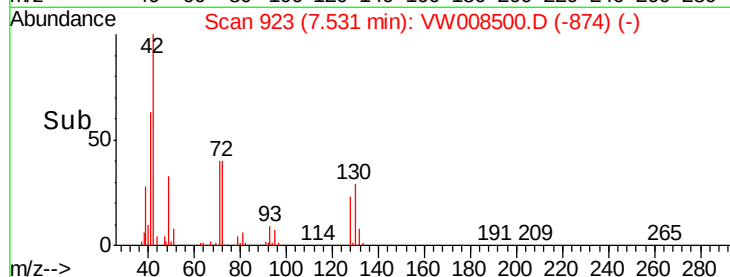
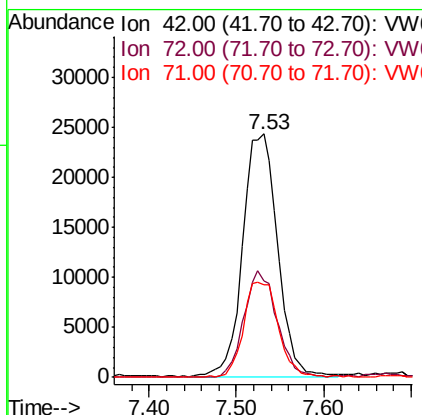
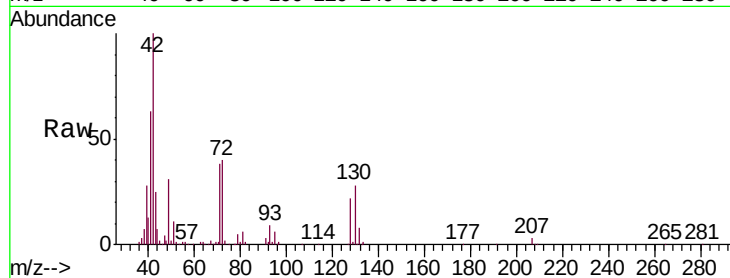




#29
Tetrahydrofuran
Concen: 90.094 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

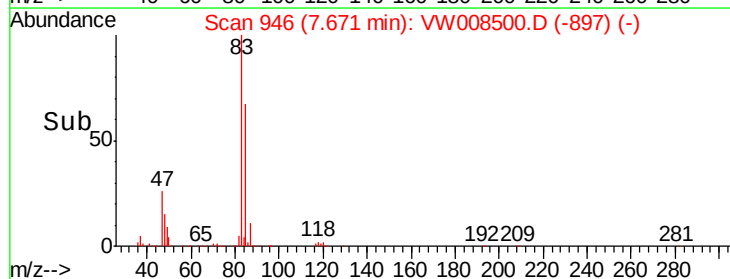
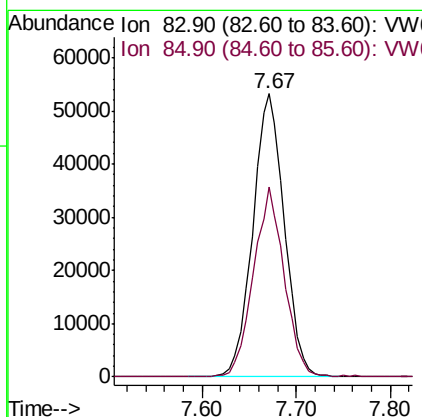
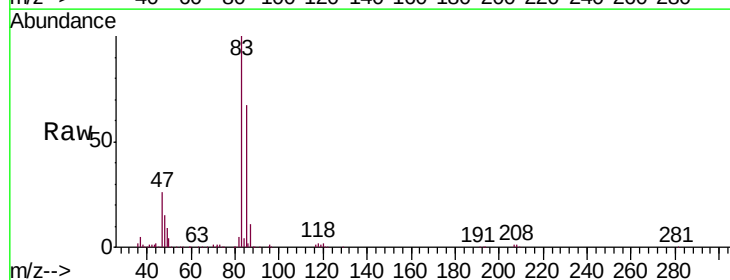
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

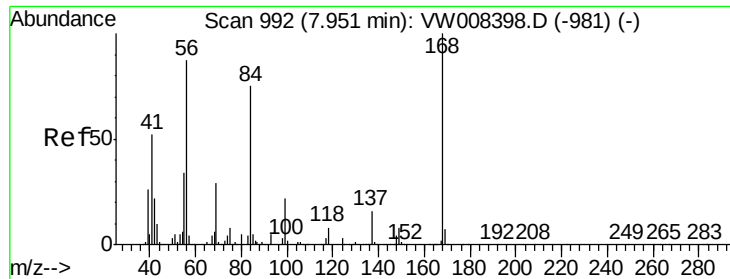
Tgt Ion: 42 Resp: 67359
Ion Ratio Lower Upper
42 100
72 41.9 31.9 47.9
71 39.5 29.9 44.9



#30
Chloroform
Concen: 17.649 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 83 Resp: 124626
Ion Ratio Lower Upper
83 100
85 66.9 50.9 76.3

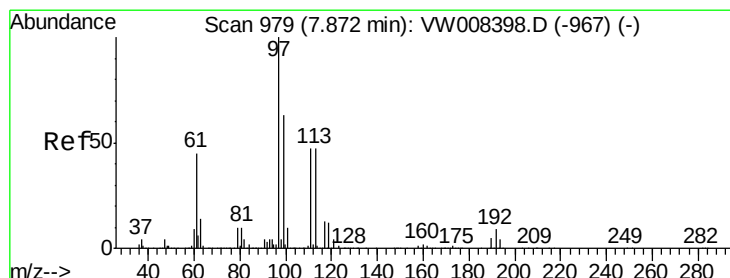
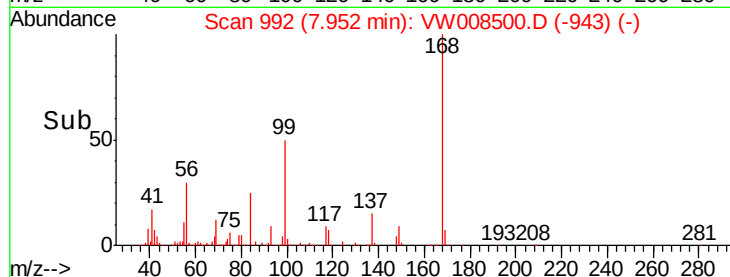
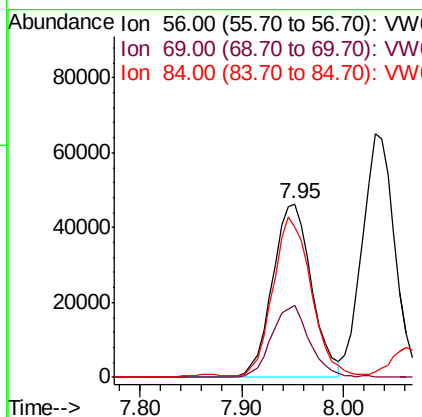
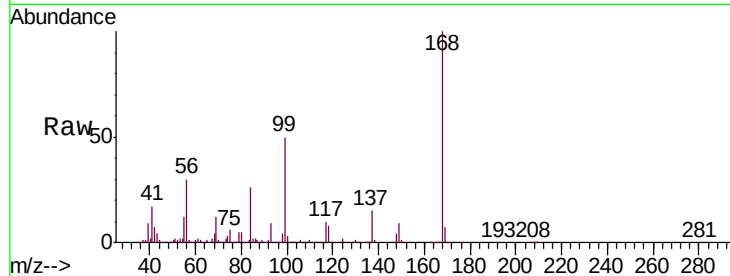




#31
Cyclohexane
Concen: 16.568 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

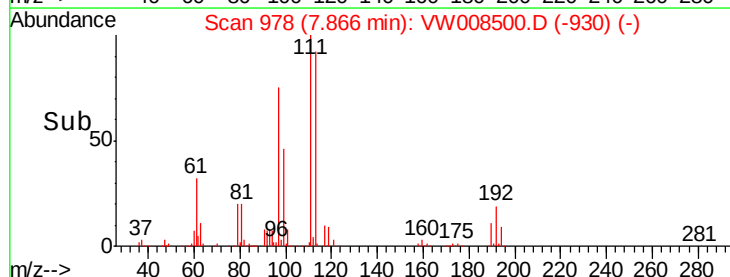
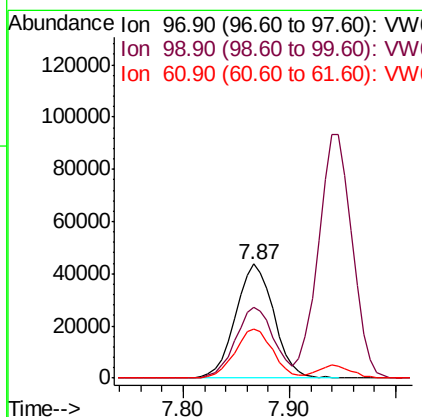
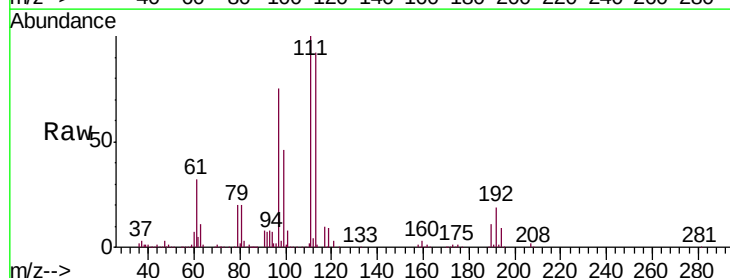
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

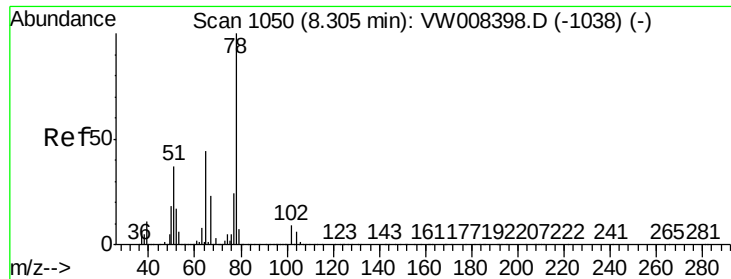
Tgt Ion: 56 Resp: 122988
Ion Ratio Lower Upper
56 100
69 41.7 26.4 39.6#
84 85.6 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 18.134 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 97 Resp: 110598
Ion Ratio Lower Upper
97 100
99 62.3 51.3 76.9
61 42.4 36.2 54.4

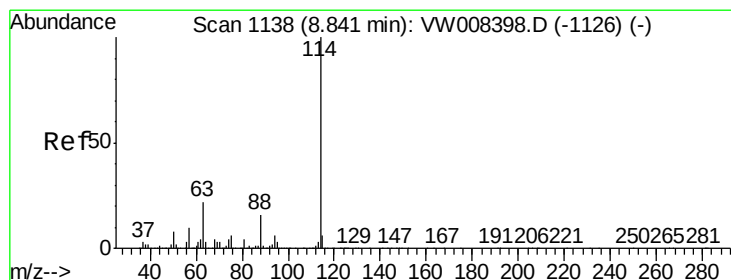
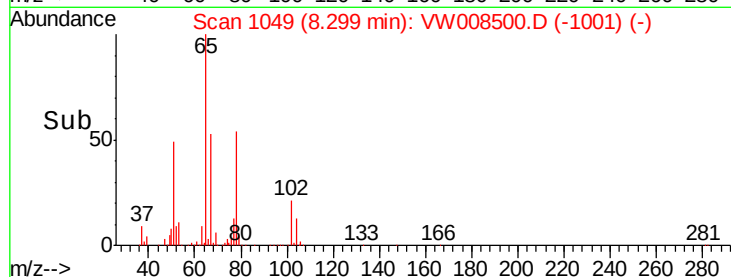
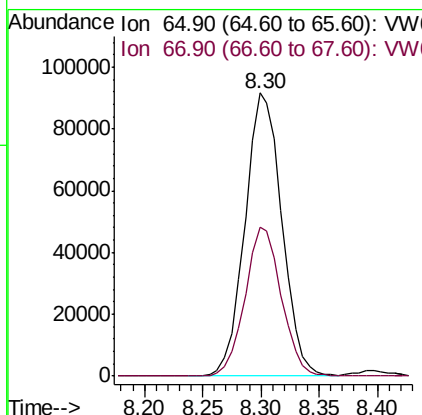
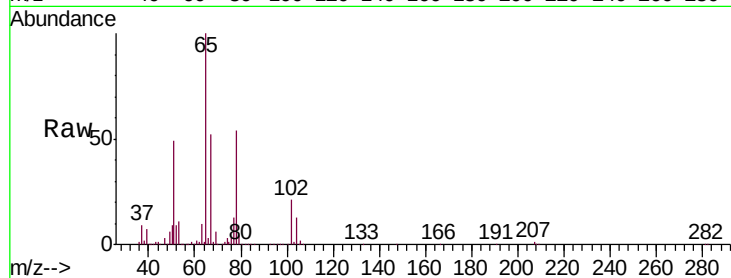




#33
 1,2-Dichloroethane-d4
 Concen: 53.304 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

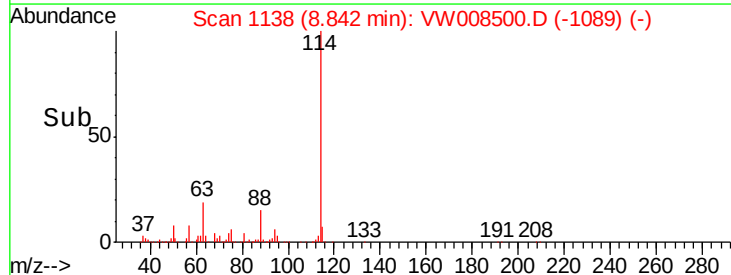
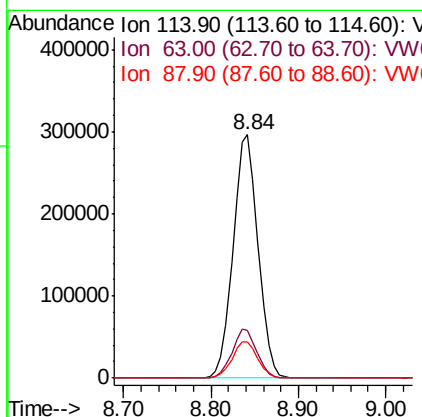
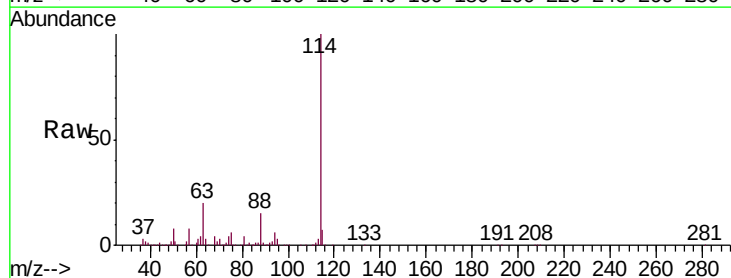
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

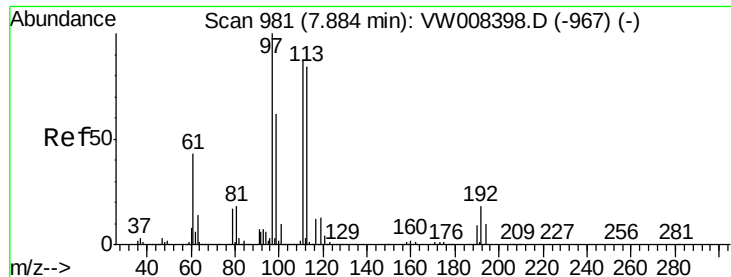
Tgt Ion: 65 Resp: 201621
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion: 114 Resp: 585266
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 15.0 0.0 31.8

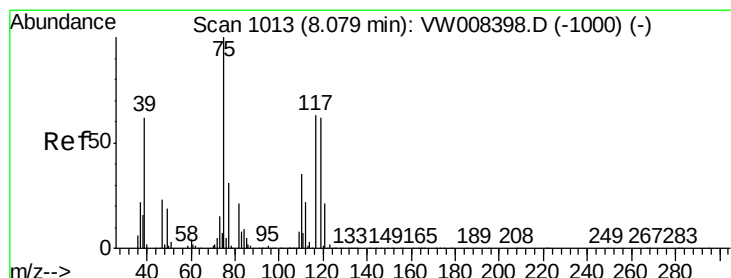
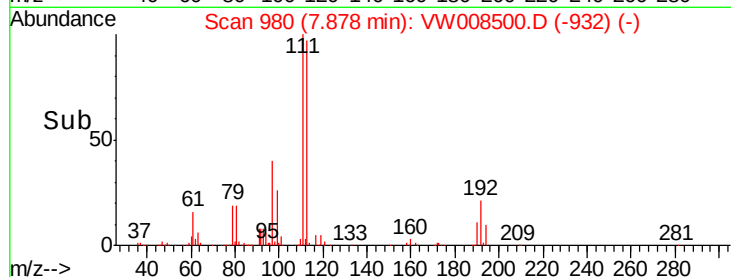
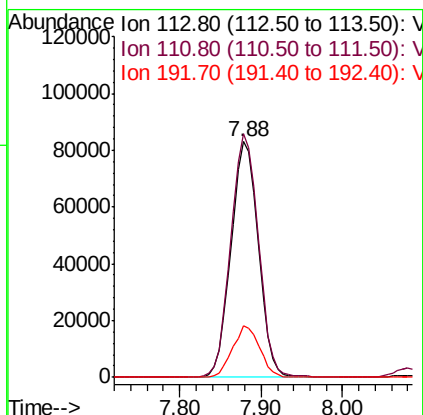
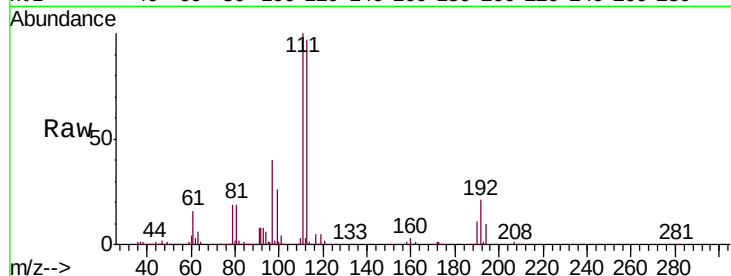




#35
 Dibromofluoromethane
 Concen: 56.131 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

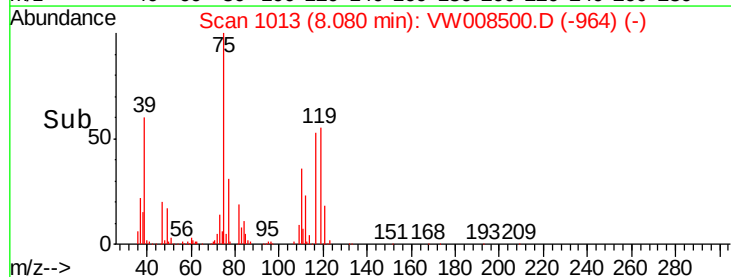
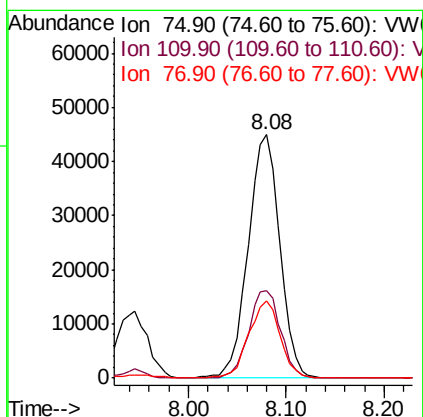
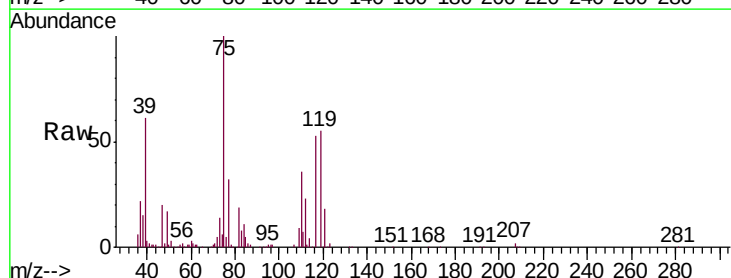
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

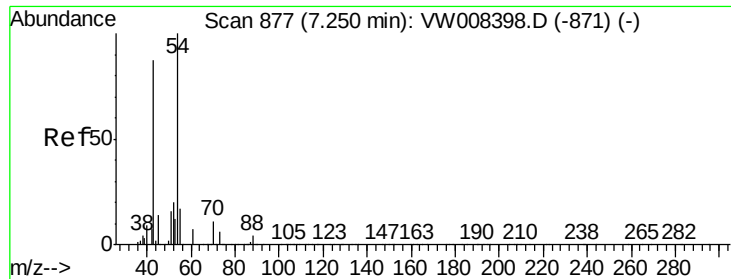
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.0	121.4
192	21.7	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 18.368 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.3	52.0
77	31.6	24.7	37.1

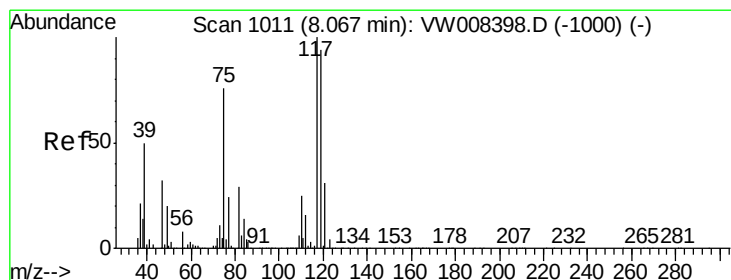
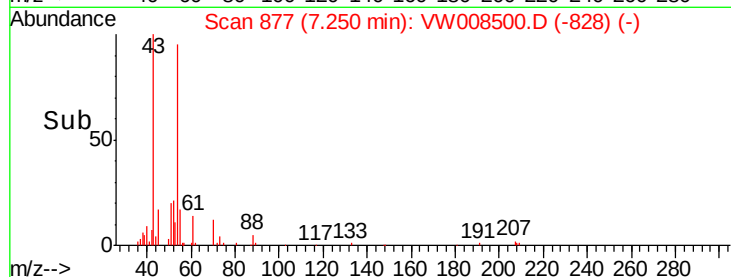
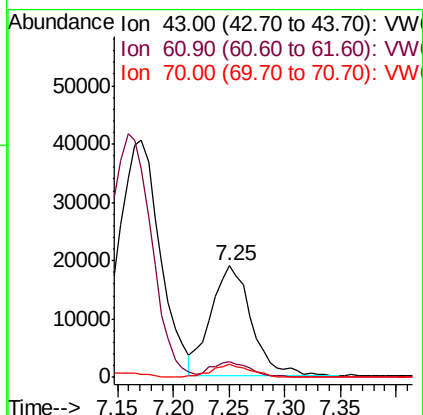
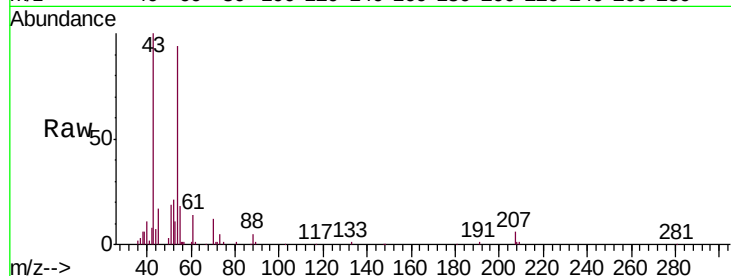




#37
Ethyl Acetate
Concen: 19.538 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

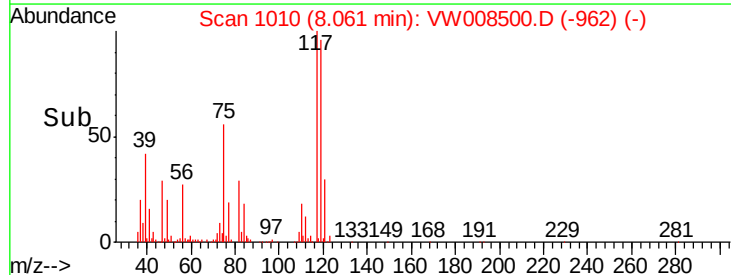
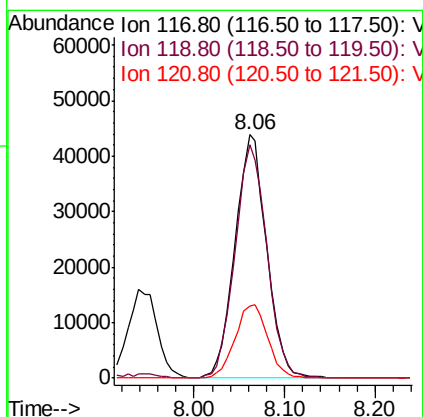
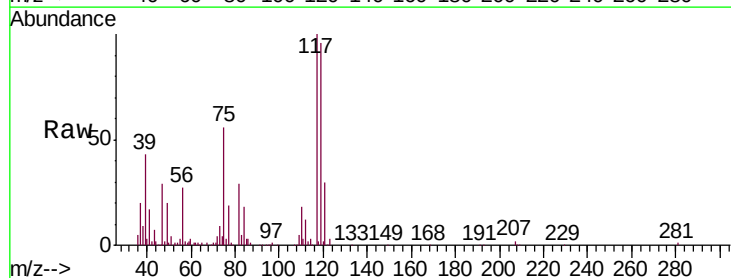
Instrument :
MSVOA_W
ClientSampled :
VW0204SBSD01

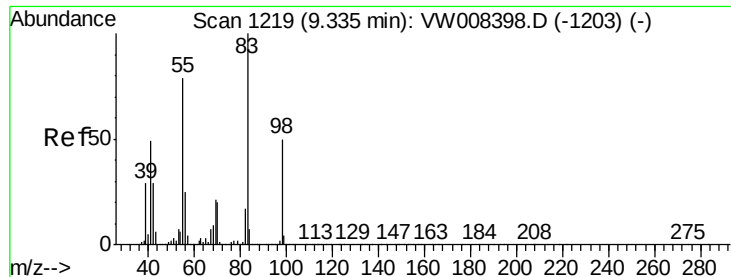
Tgt Ion: 43 Resp: 47788
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 11.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 19.064 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 117 Resp: 106056
Ion Ratio Lower Upper
117 100
119 95.8 75.0 112.4
121 29.6 24.9 37.3

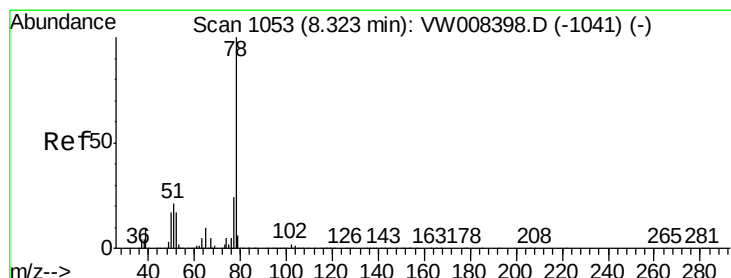
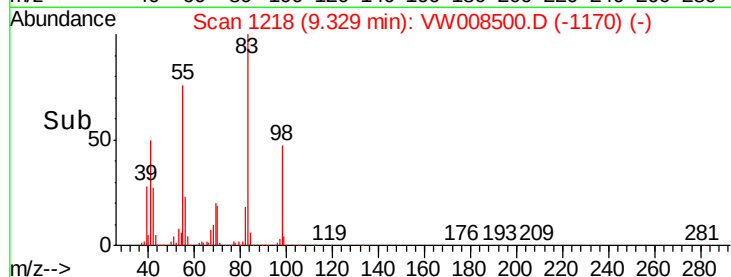
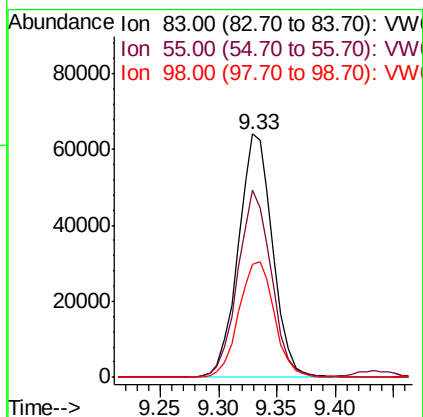
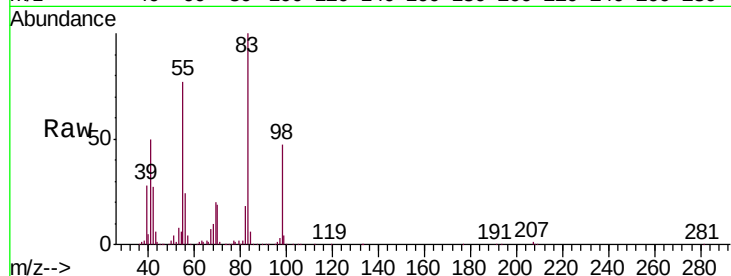




#39
Methylcyclohexane
Concen: 18.026 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

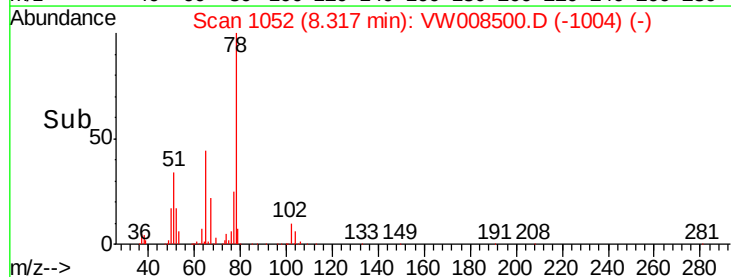
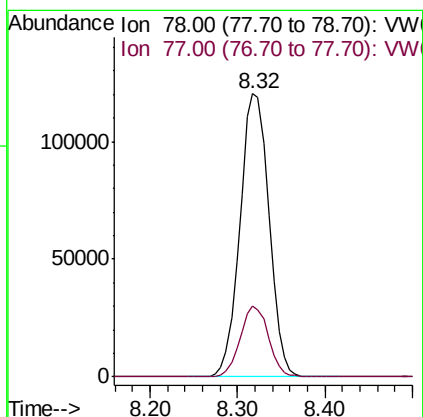
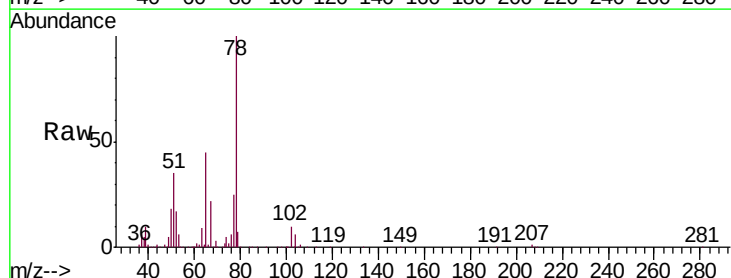
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

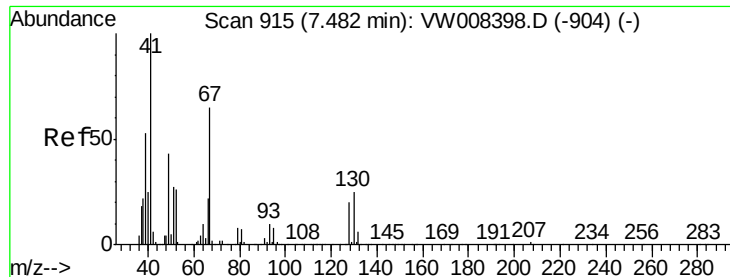
Tgt Ion: 83 Resp: 130914
Ion Ratio Lower Upper
83 100
55 76.6 63.3 94.9
98 46.6 39.7 59.5



#40
Benzene
Concen: 18.134 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 78 Resp: 278189
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.6

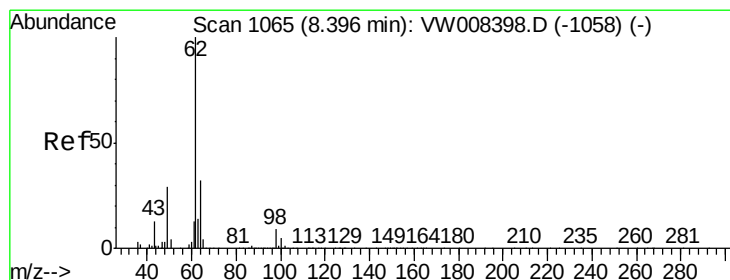
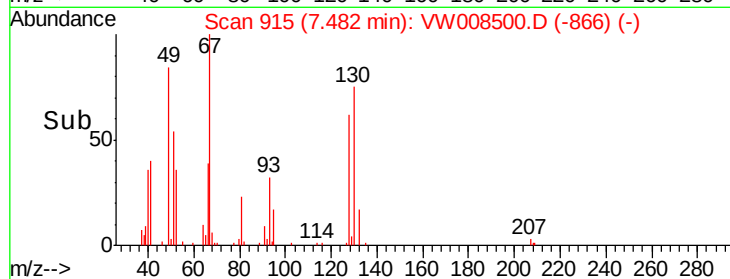
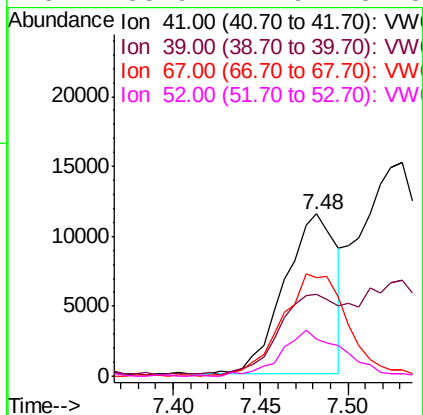
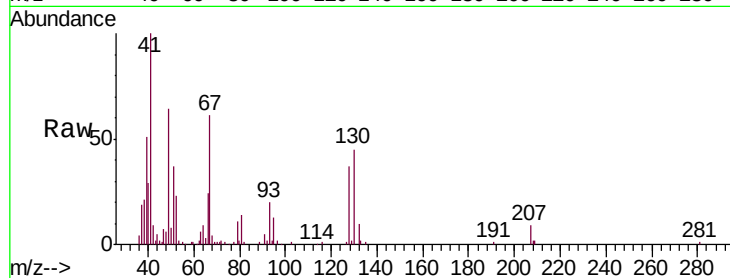




#41
Methacrylonitrile
Concen: 16.372 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

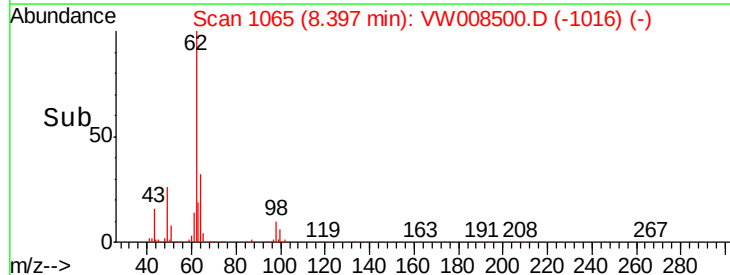
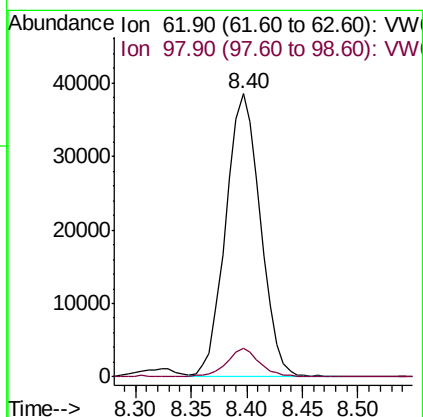
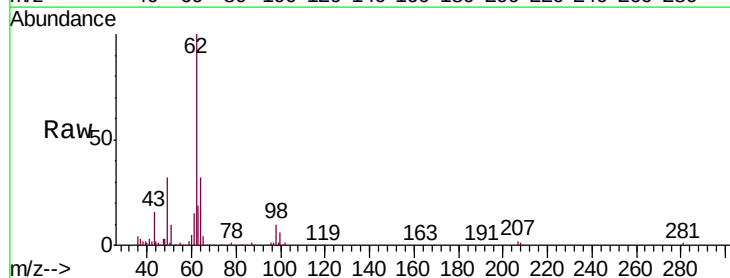
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

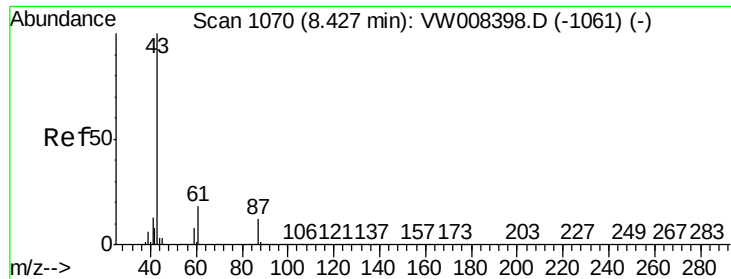
Tgt Ion:	41	Resp:	23711
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.4	65.0
67	81.0	54.2	81.2
52	33.9	22.9	34.3



#42
1,2-Dichloroethane
Concen: 18.739 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion:	62	Resp:	83310
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 18.496 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

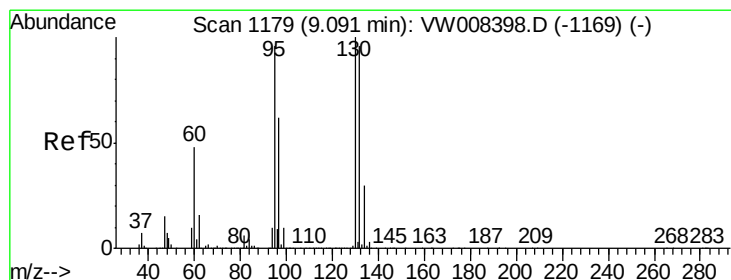
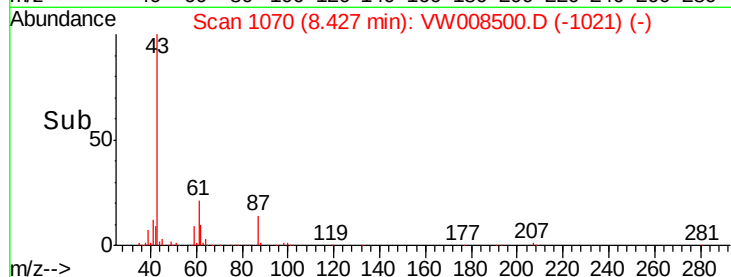
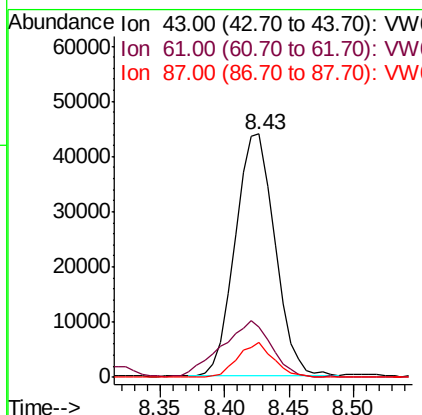
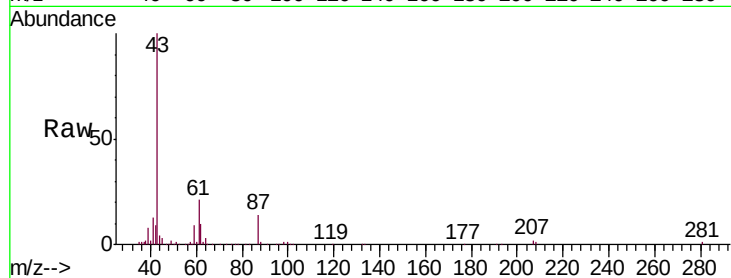
Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

Tgt Ion:	43	Resp:	93987
Ion	Ratio	Lower	Upper
43	100		
61	29.6	22.0	33.0
87	12.9	9.3	13.9



#44

Trichloroethene

Concen: 19.203 ug/l

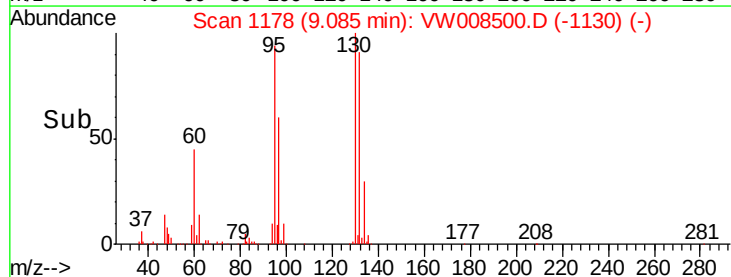
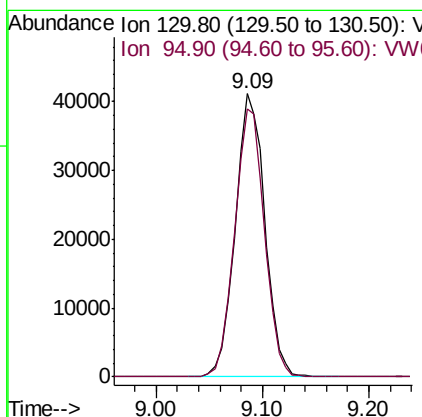
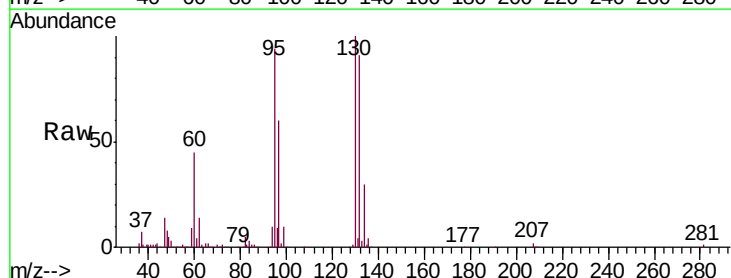
RT: 9.09 min Scan# 1178

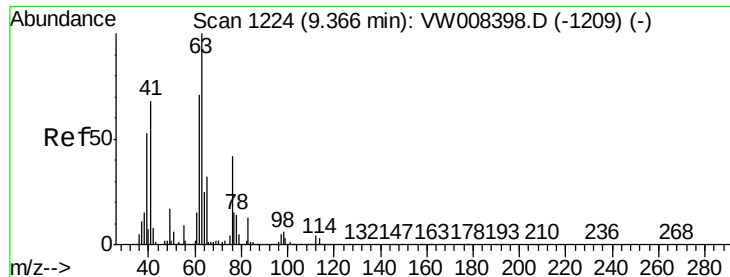
Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Tgt Ion:	130	Resp:	80111
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	191.6





#45

1,2-Dichloropropane

Concen: 18.045 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

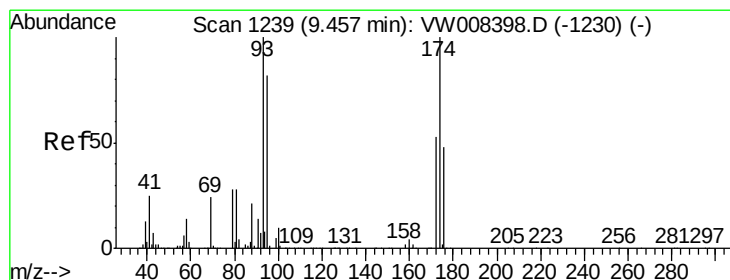
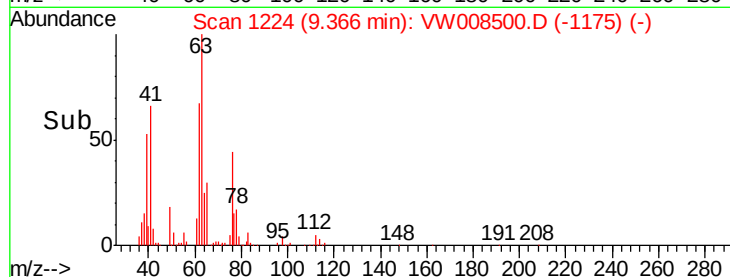
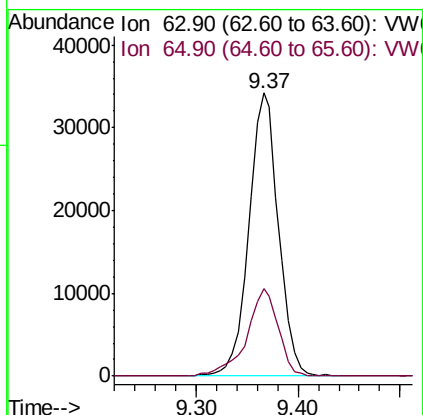
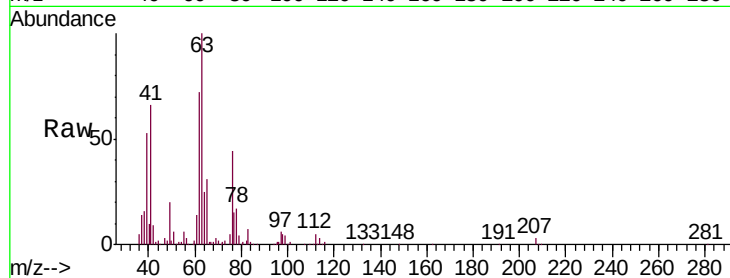
VW0204SBSD01

Tgt Ion: 63 Resp: 69023

Ion Ratio Lower Upper

63 100

65 30.7 25.2 37.8



#46

Dibromomethane

Concen: 18.808 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

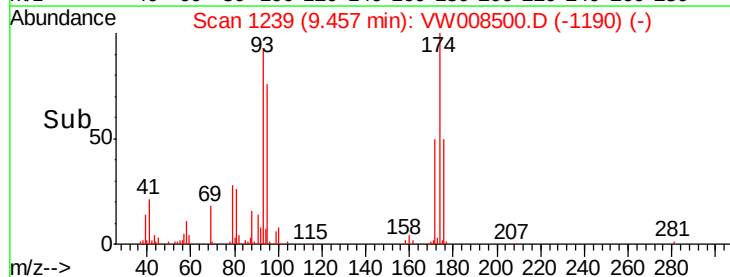
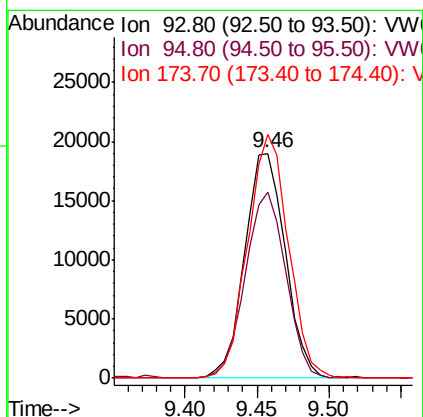
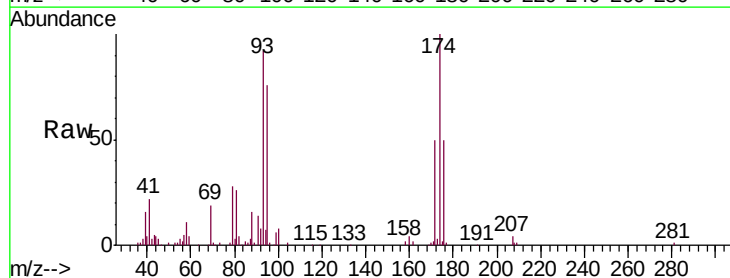
Tgt Ion: 93 Resp: 37002

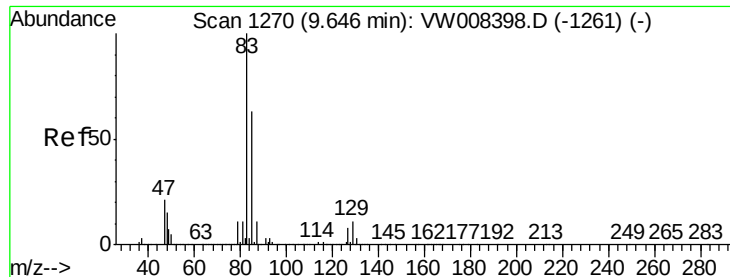
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 108.8 81.0 121.6





#47

Bromodichloromethane

Concen: 18.383 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampled :

VW0204SBSD01

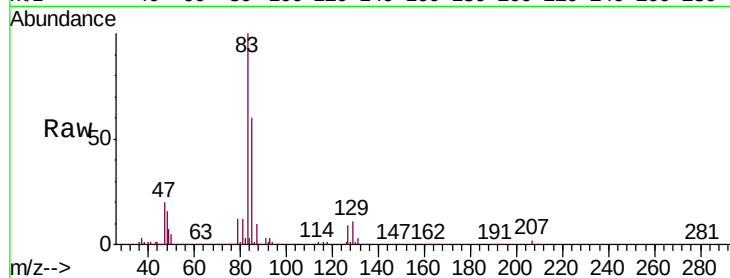
Tgt Ion: 83 Resp: 95661

Ion Ratio Lower Upper

83 100

85 60.4 50.8 76.2

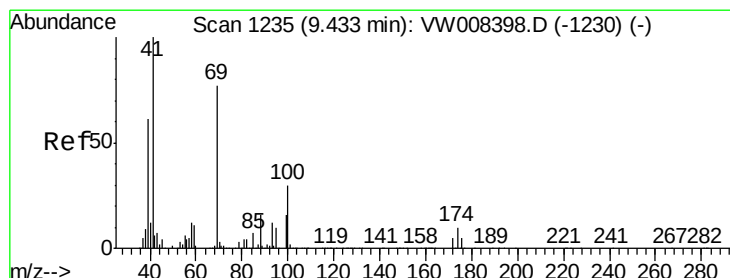
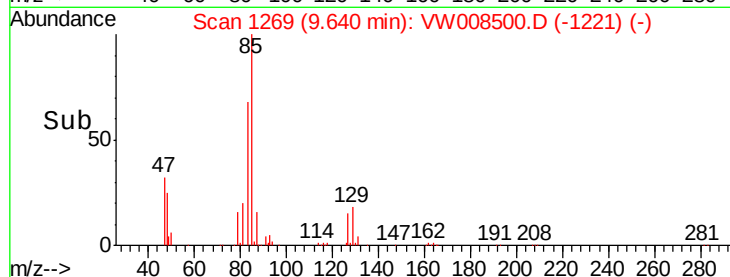
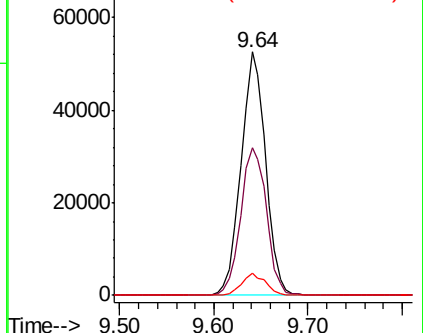
127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 17.592 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

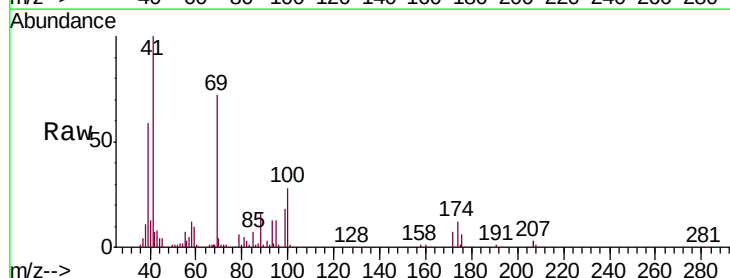
Tgt Ion: 41 Resp: 43711

Ion Ratio Lower Upper

41 100

69 83.7 64.8 97.2

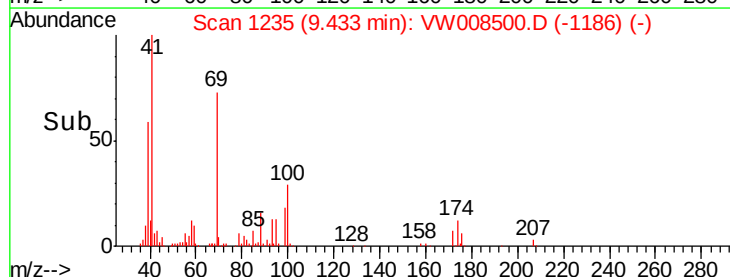
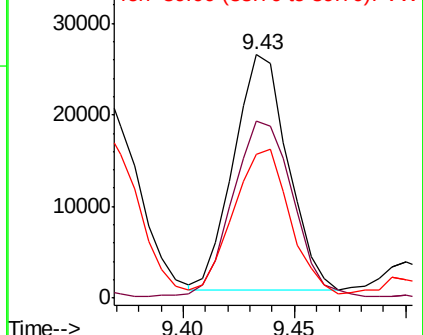
39 62.5 49.1 73.7

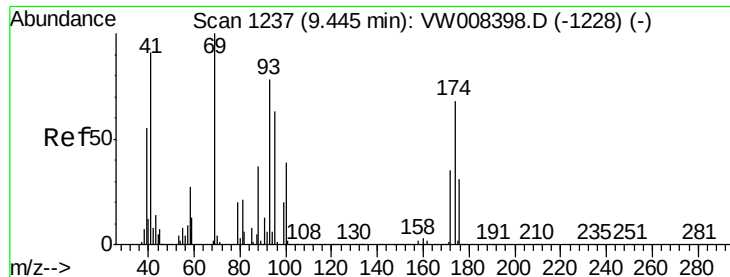


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

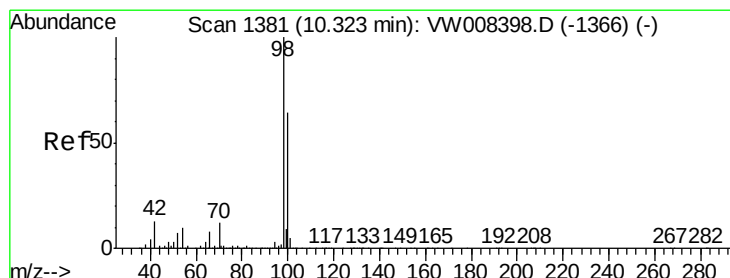
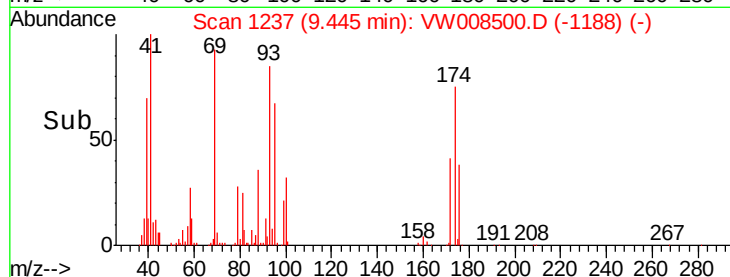
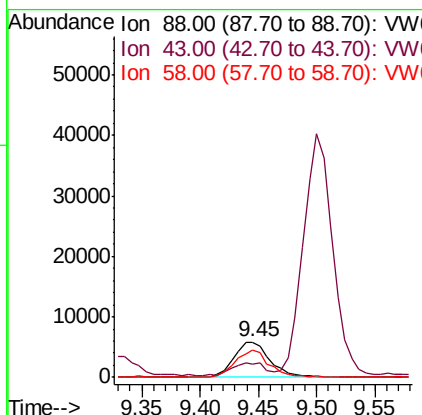
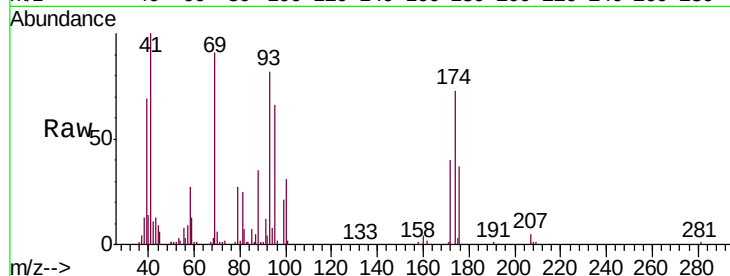




#49
1,4-Dioxane
Concen: 374.294 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

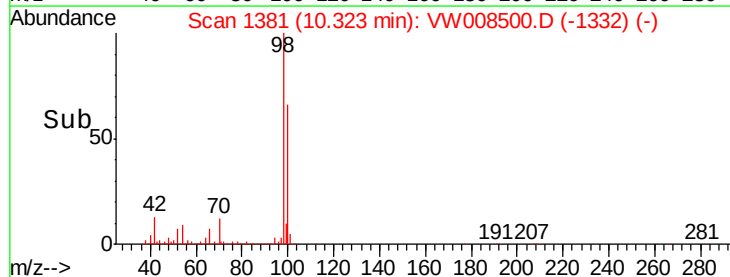
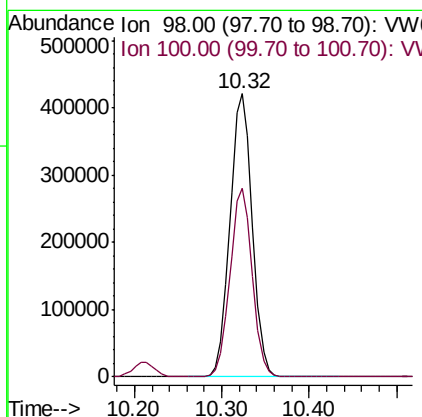
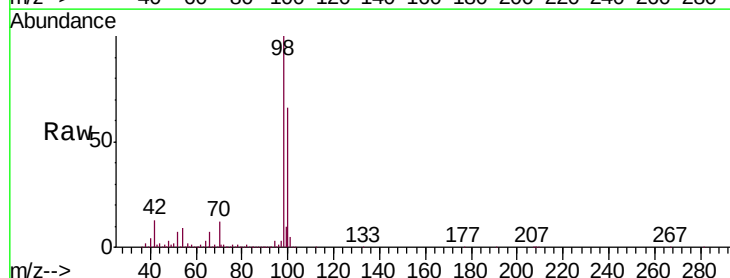
Instrument :
MSVOA_W
ClientSampled :
VW0204SBSD01

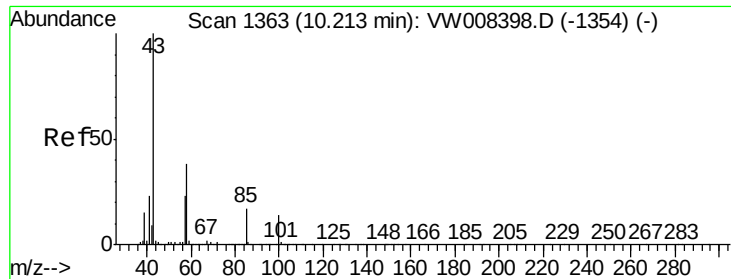
Tgt Ion: 88 Resp: 12447
Ion Ratio Lower Upper
88 100
43 35.6 29.0 43.4
58 75.6 56.4 84.6



#50
Toluene-d8
Concen: 54.350 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 98 Resp: 745858
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

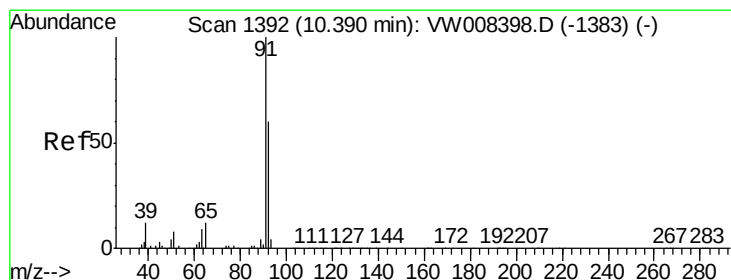
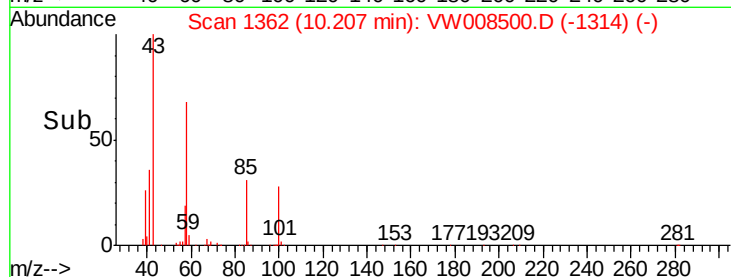
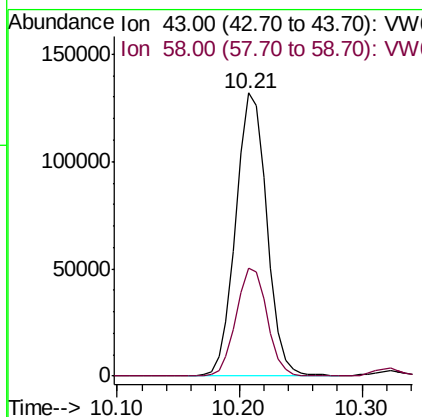
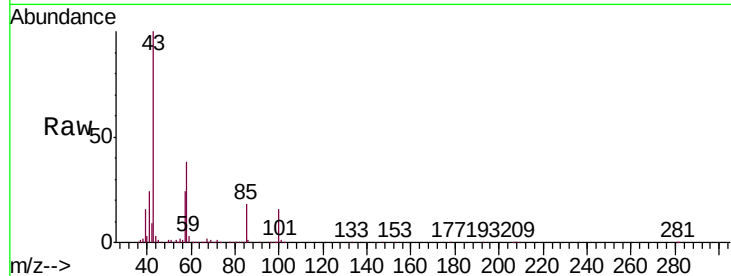




#51
 4-Methyl-2-Pentanone
 Concen: 91.981 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

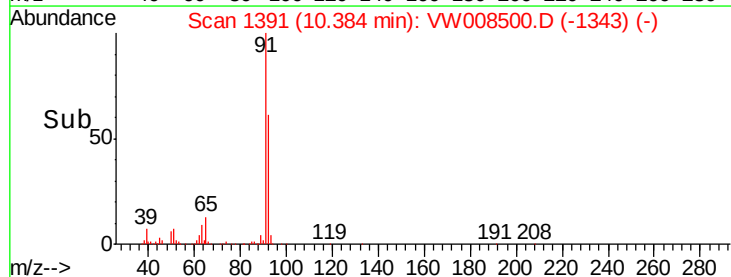
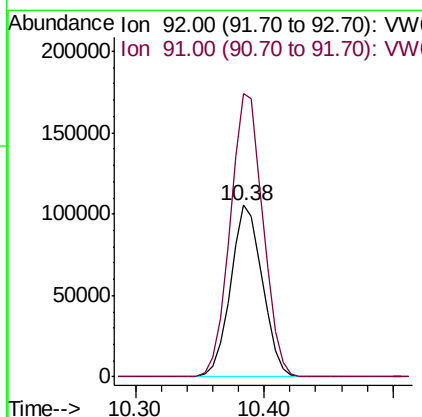
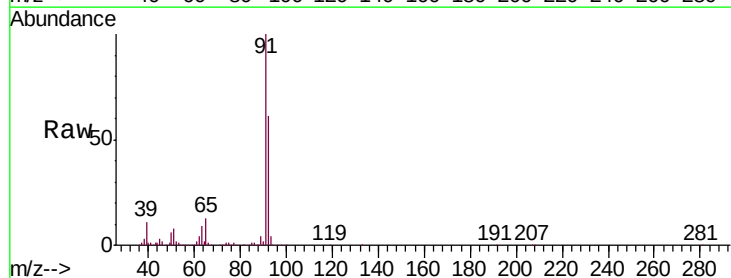
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

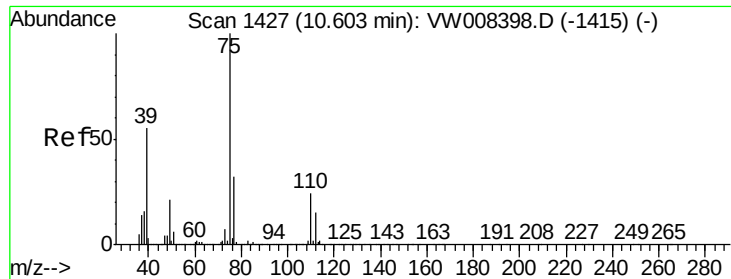
Tgt Ion: 43 Resp: 230913
 Ion Ratio Lower Upper
 43 100
 58 38.4 29.7 44.5



#52
 Toluene
 Concen: 17.874 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion: 92 Resp: 181007
 Ion Ratio Lower Upper
 92 100
 91 170.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.973 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

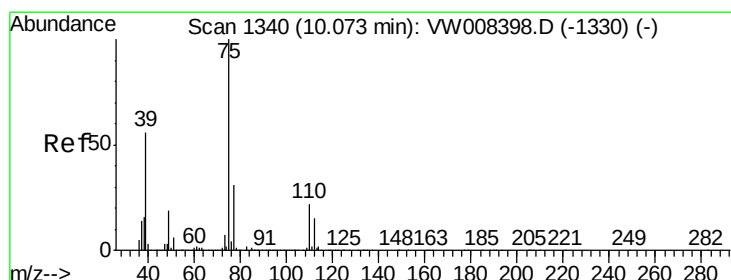
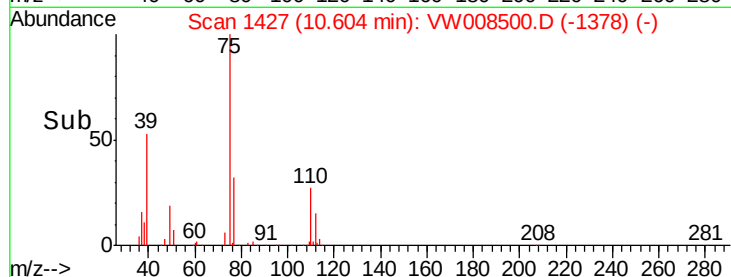
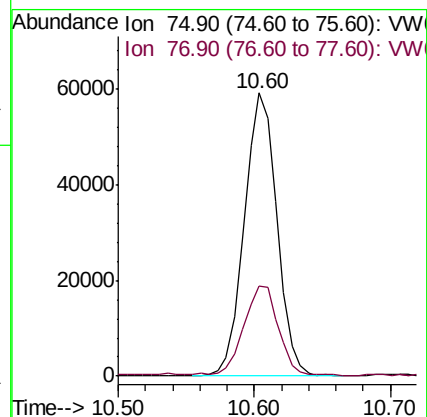
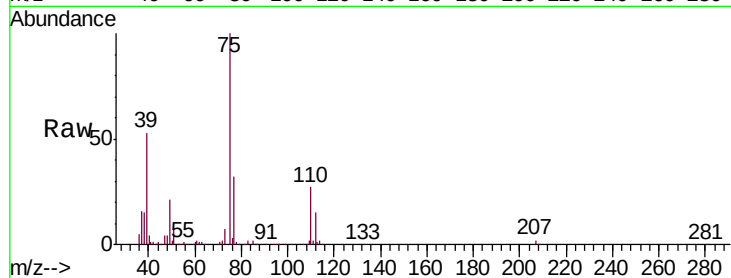
VW0204SBSD01

Tgt Ion: 75 Resp: 99520

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.757 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

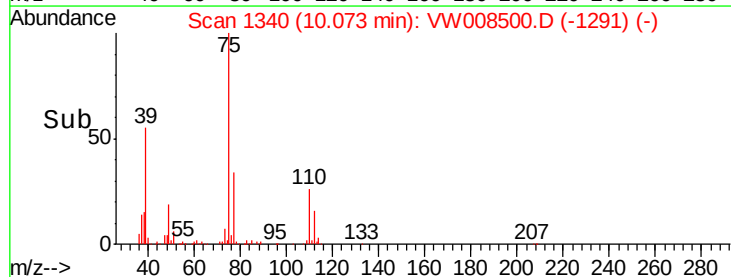
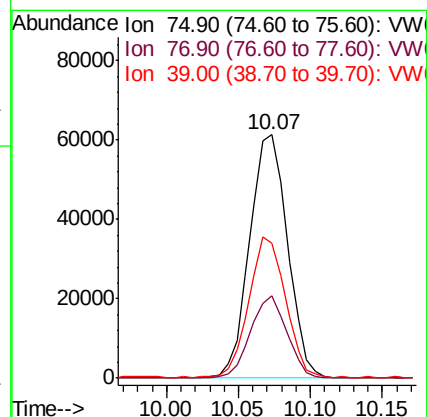
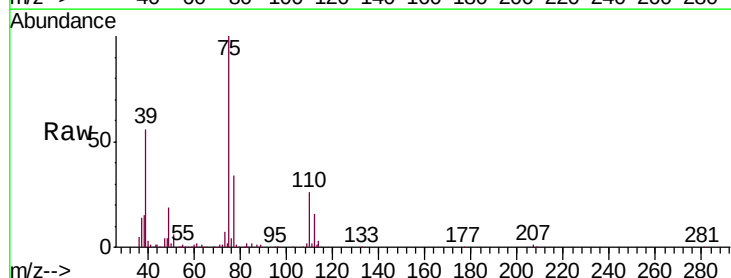
Tgt Ion: 75 Resp: 111583

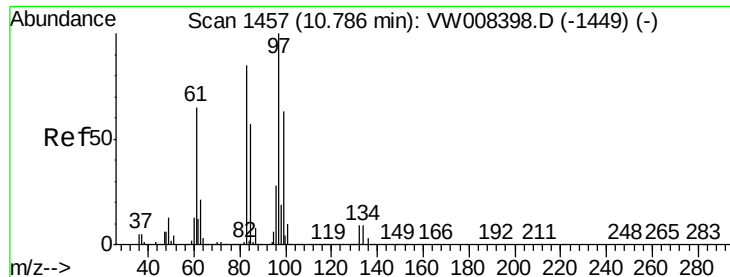
Ion Ratio Lower Upper

75 100

77 33.5 25.0 37.4

39 55.3 44.9 67.3

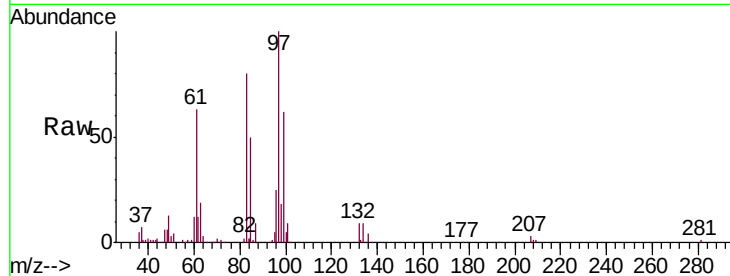




#55
 1,1,2-Trichloroethane
 Concen: 19.488 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

Tgt Ion:	97	Resp:	53180
Ion	Ratio	Lower	Upper
97	100		
83	79.9	68.4	102.6
85	49.6	45.3	67.9
99	62.0	50.6	76.0



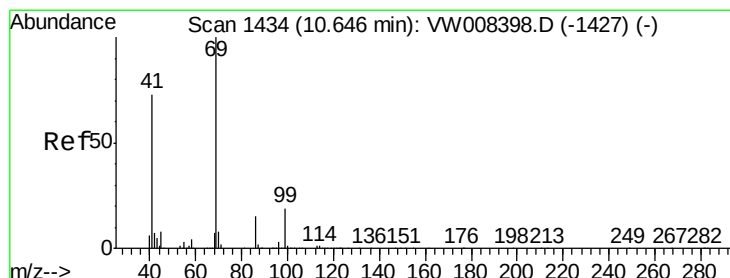
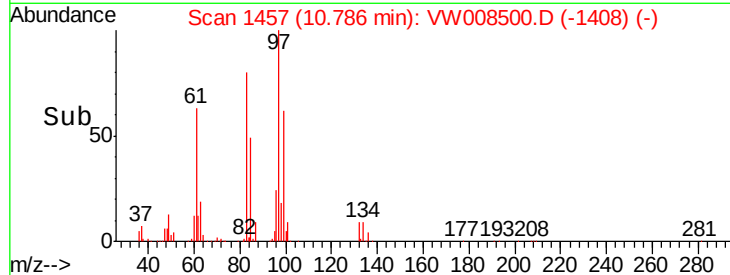
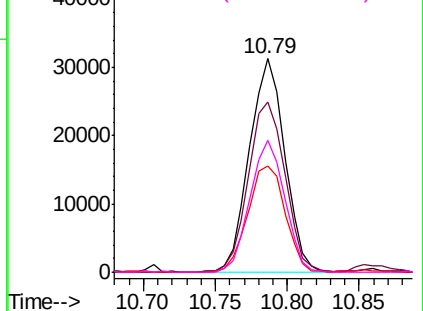
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

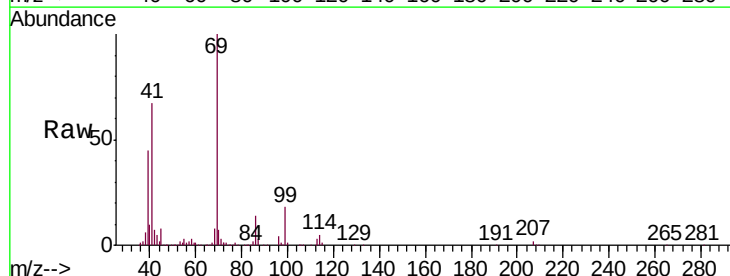
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 17.945 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion:	69	Resp:	68618
Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.7	88.1
39	41.4	32.6	48.8

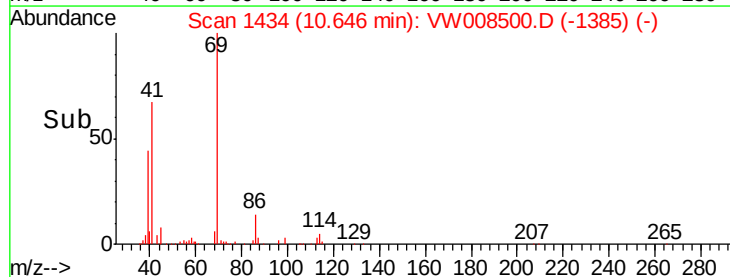
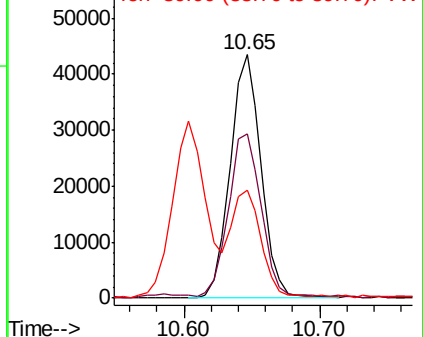


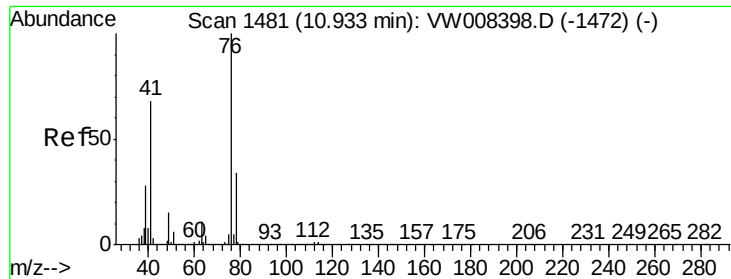
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

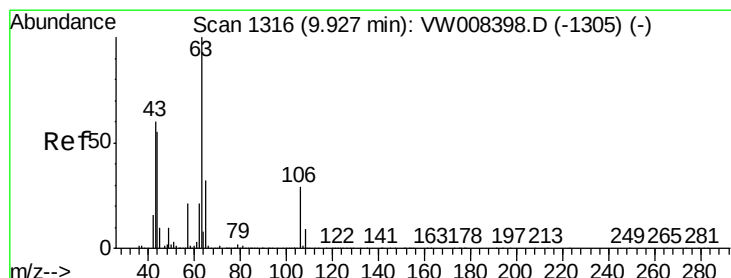
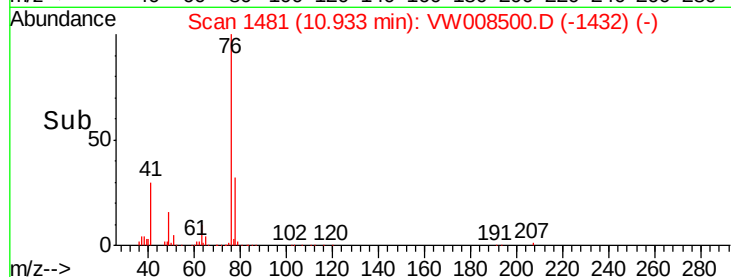
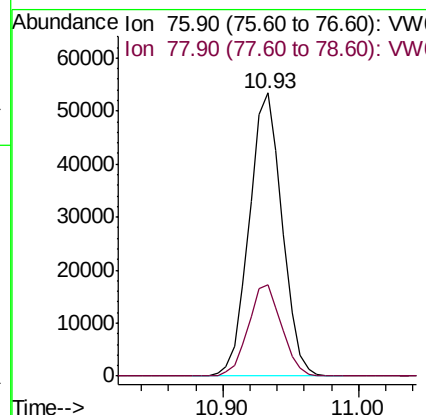
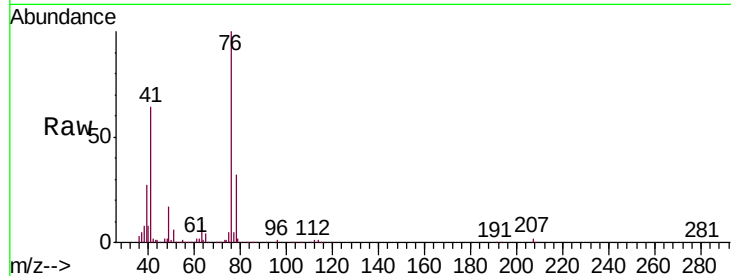




#57
 1,3-Dichloropropane
 Concen: 18.546 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

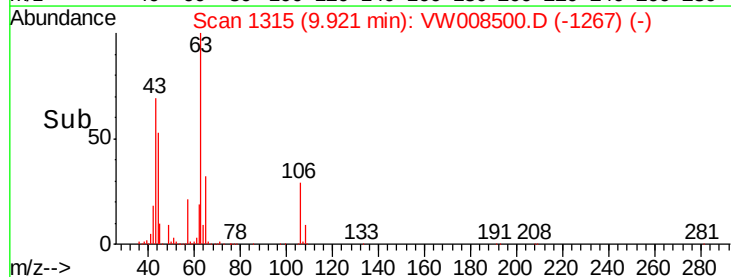
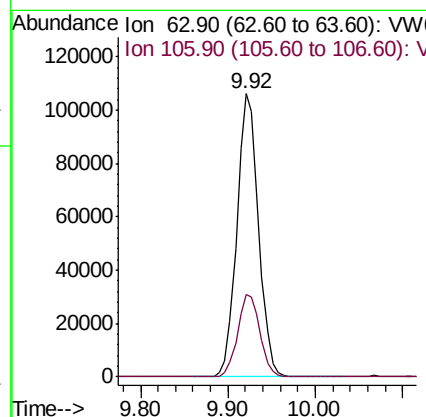
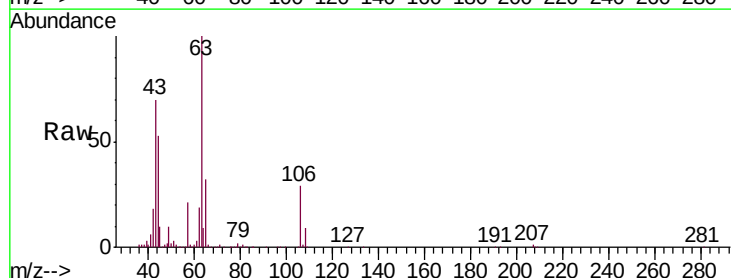
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

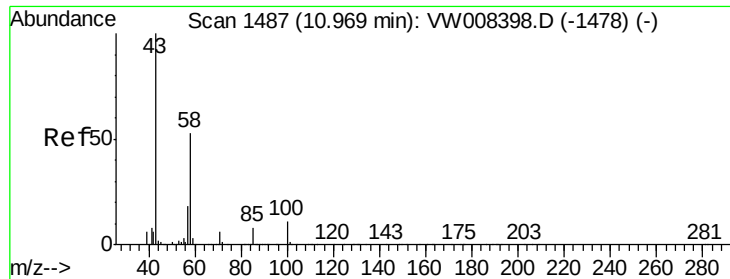
Tgt Ion: 76 Resp: 90665
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.404 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion: 63 Resp: 182818
 Ion Ratio Lower Upper
 63 100
 106 30.0 22.4 33.6





#59

2-Hexanone

Concen: 93.244 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

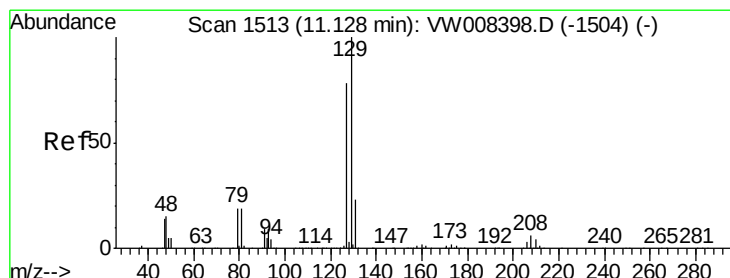
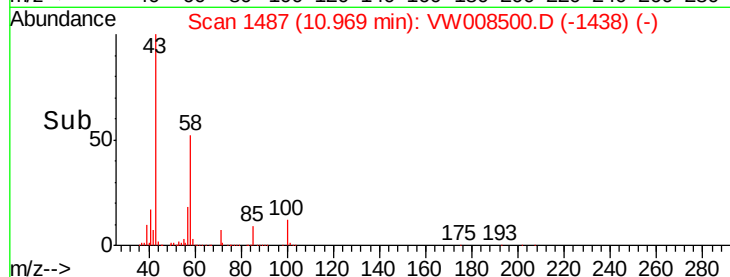
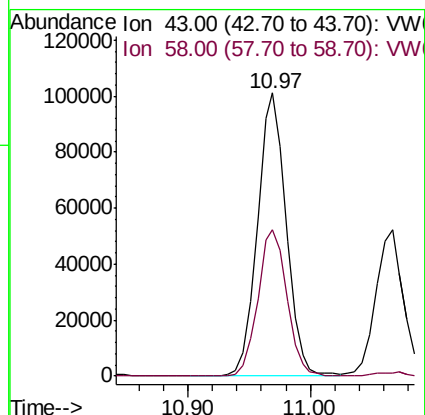
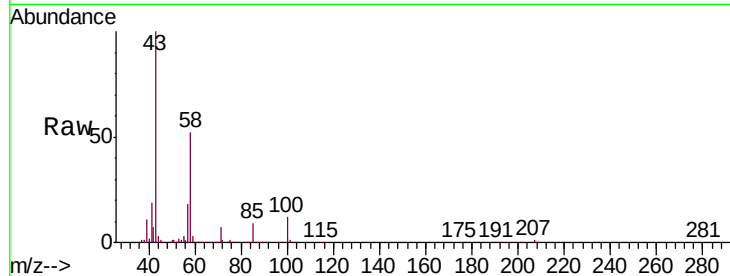
VW0204SBSD01

Tgt Ion: 43 Resp: 165253

Ion Ratio Lower Upper

43 100

58 52.5 25.9 77.7



#60

Dibromochloromethane

Concen: 18.599 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008500.D

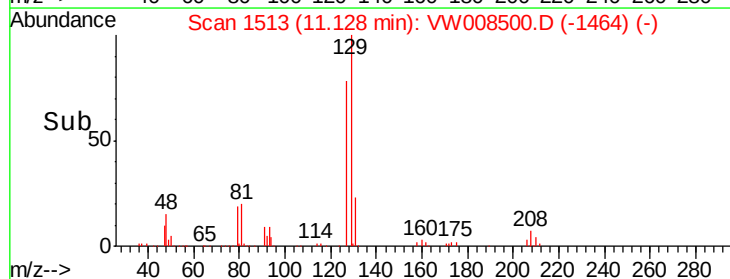
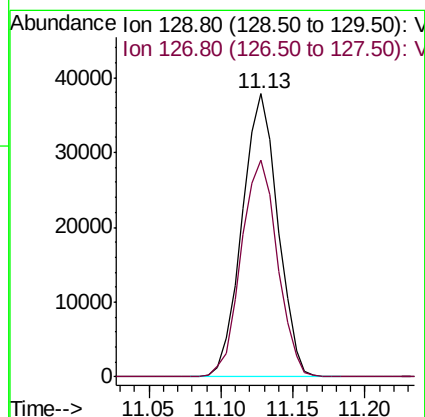
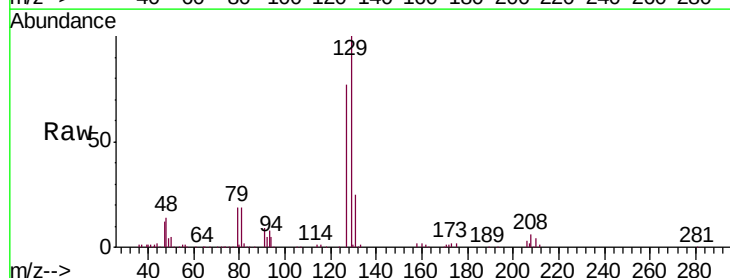
Acq: 04 Feb 2019 11:47

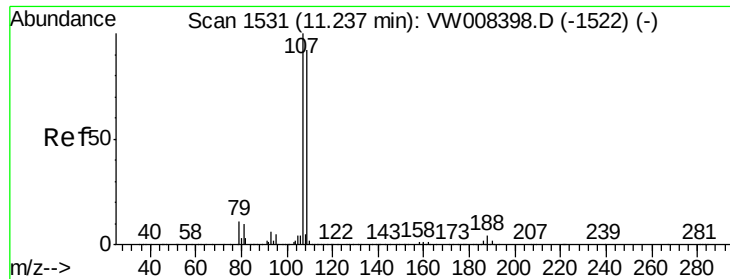
Tgt Ion: 129 Resp: 65224

Ion Ratio Lower Upper

129 100

127 77.7 39.1 117.2

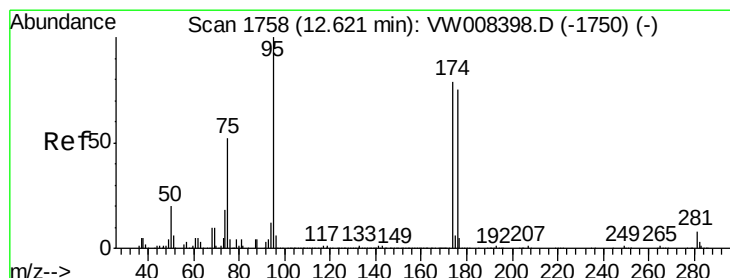
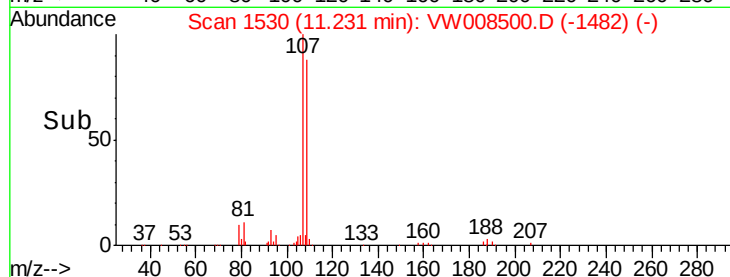
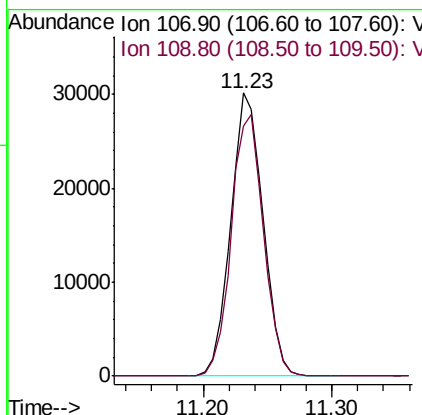
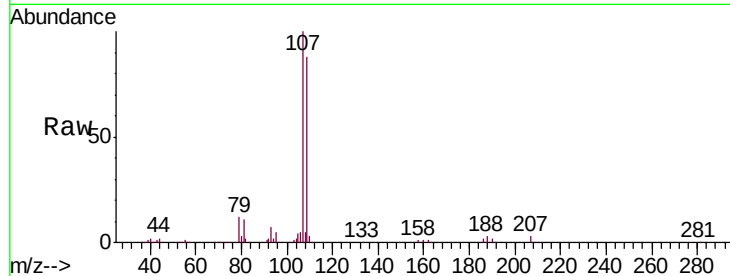




#61
 1,2-Dibromoethane
 Concen: 19.443 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

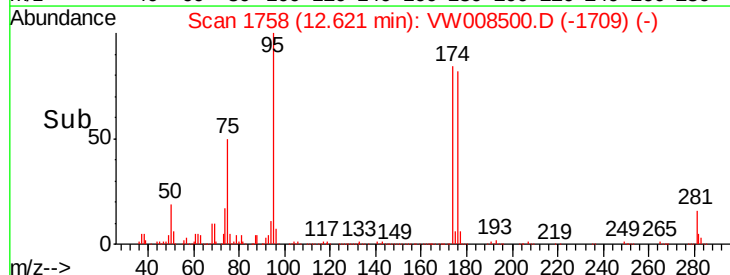
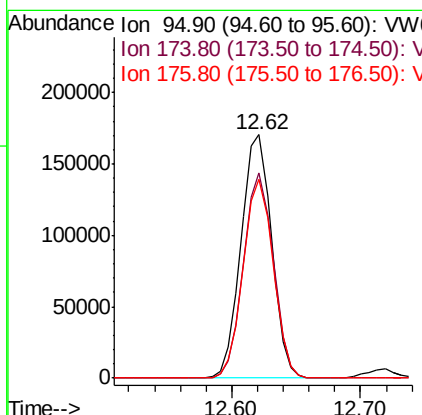
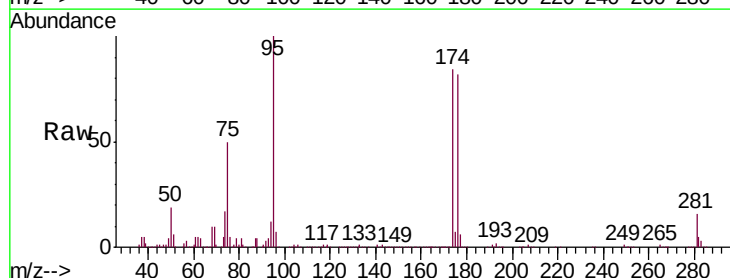
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

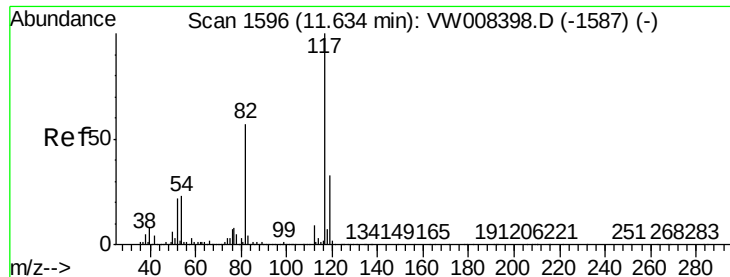
Tgt Ion: 107 Resp: 52608
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 53.057 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion: 95 Resp: 279876
 Ion Ratio Lower Upper
 95 100
 174 82.3 0.0 157.6
 176 80.3 0.0 151.8

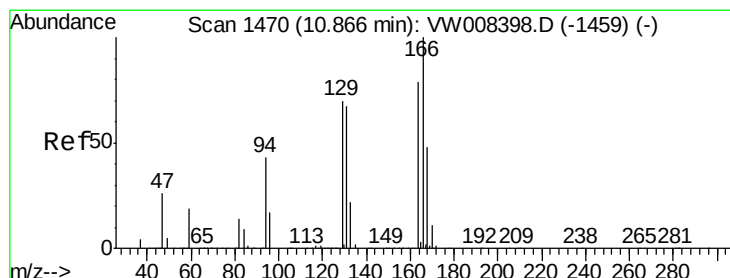
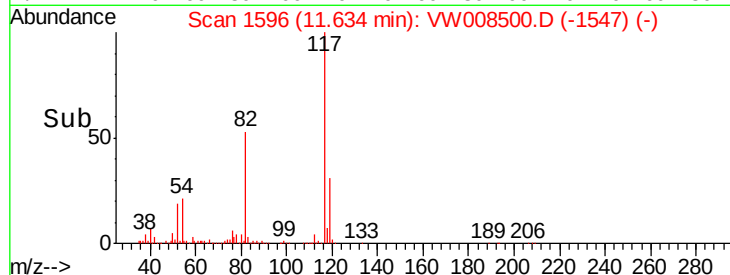
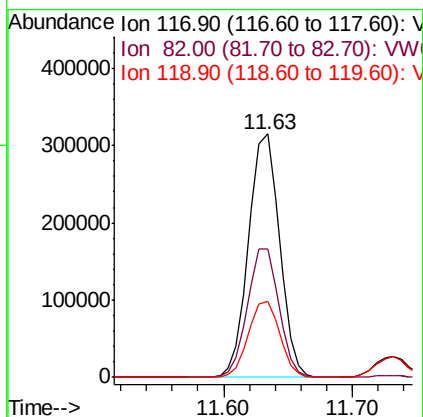
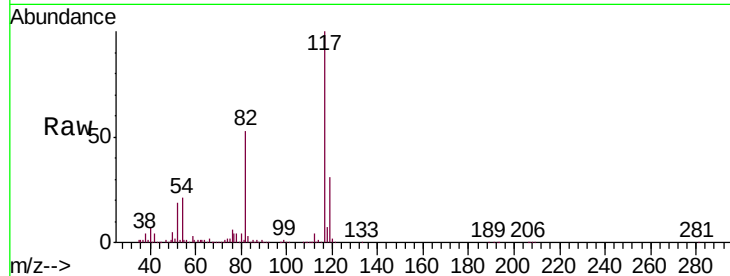




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

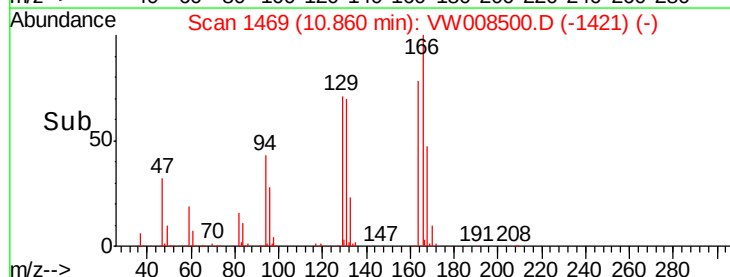
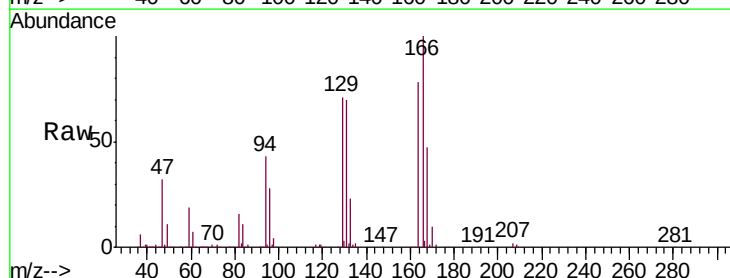
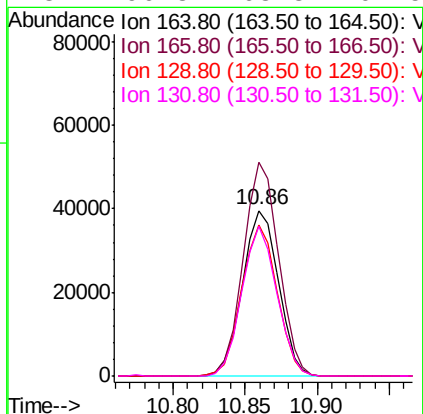
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

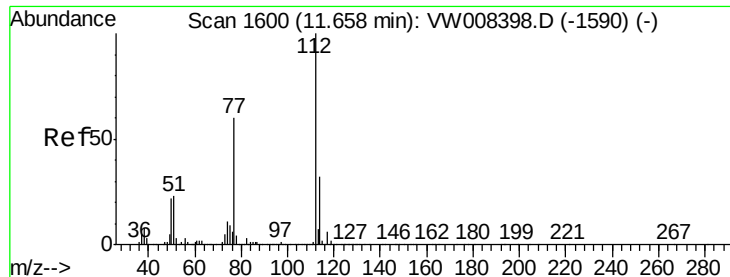
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.4	68.0
119	31.1	26.2	39.4



#64
Tetrachloroethene
Concen: 19.283 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.4	152.0
129	91.4	71.0	106.6
131	90.8	68.3	102.5





#65

Chlorobenzene

Concen: 18.759 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

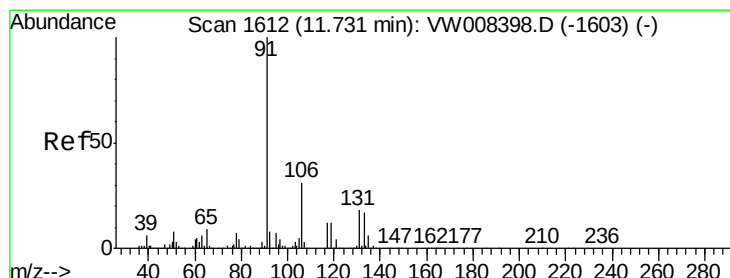
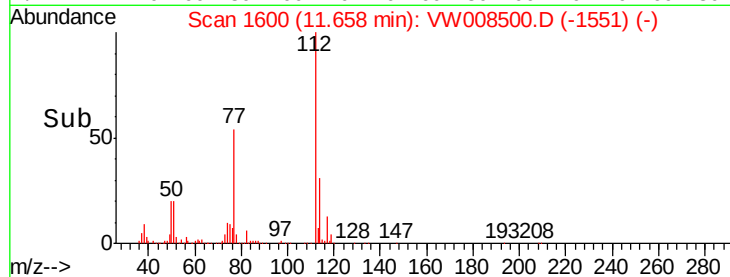
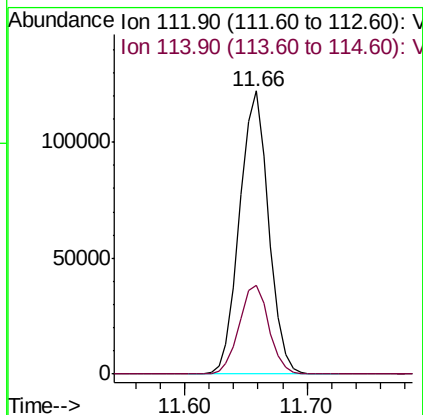
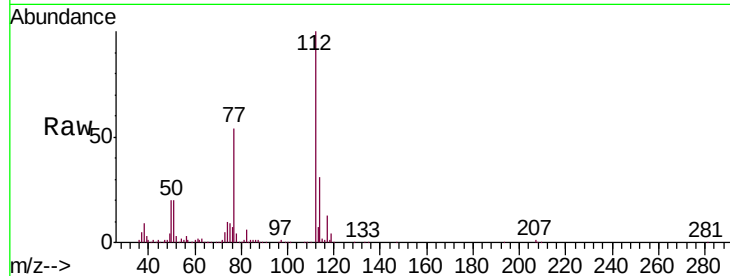
VW0204SBSD01

Tgt Ion:112 Resp: 200717

Ion Ratio Lower Upper

112 100

114 31.3 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 18.731 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

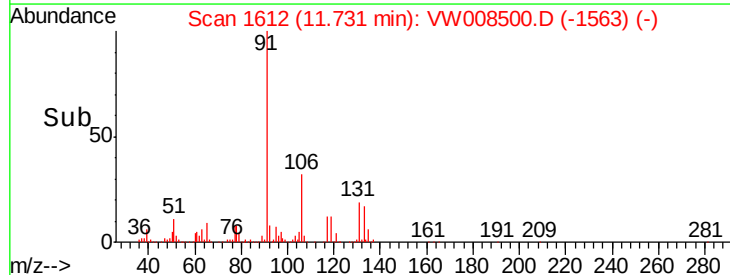
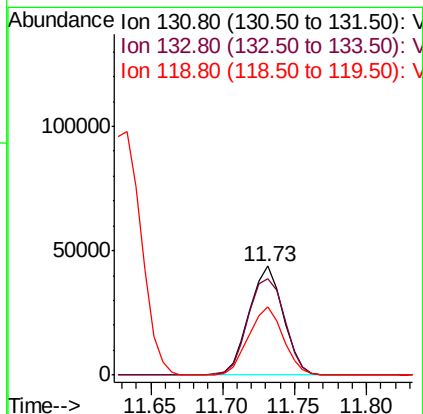
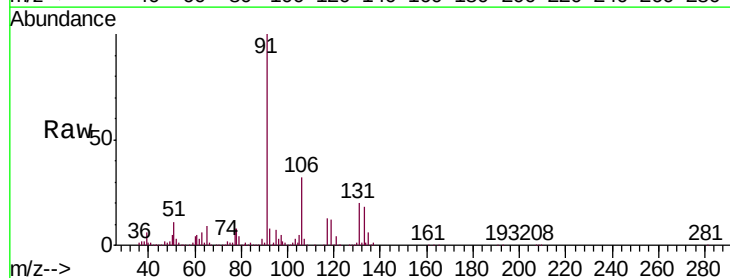
Tgt Ion:131 Resp: 71704

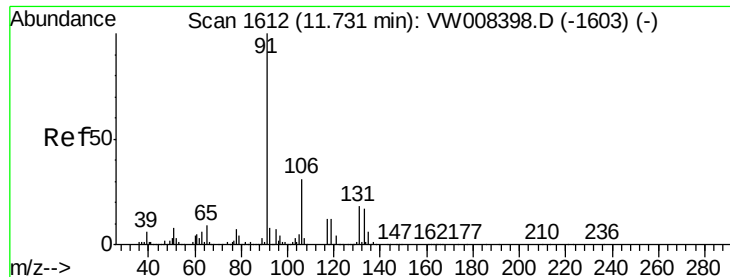
Ion Ratio Lower Upper

131 100

133 96.6 47.0 141.2

119 63.5 32.1 96.3





#67

Ethyl Benzene

Concen: 17.898 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

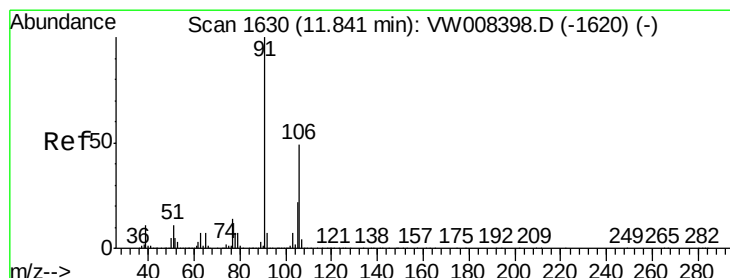
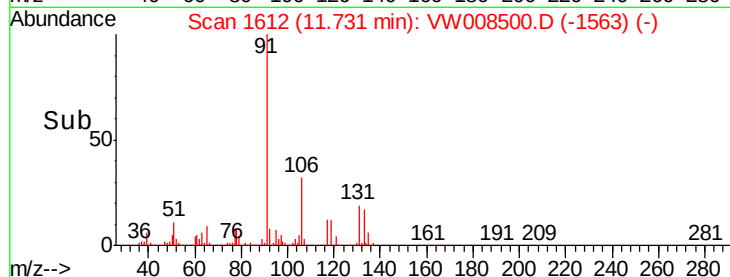
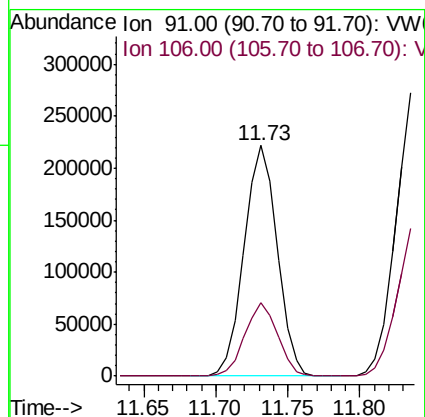
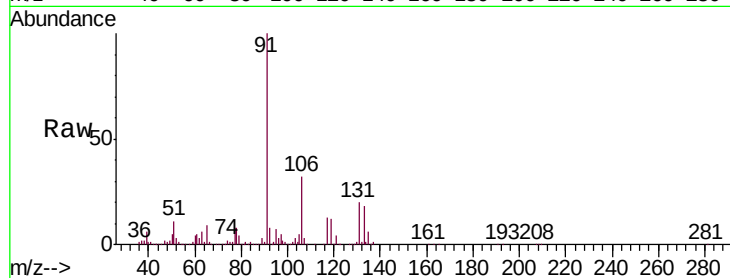
VW0204SBSD01

Tgt Ion: 91 Resp: 352006

Ion Ratio Lower Upper

91 100

106 31.7 24.7 37.1



#68

m/p-Xylenes

Concen: 36.254 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008500.D

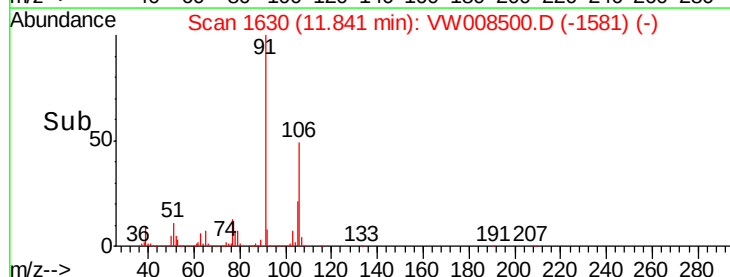
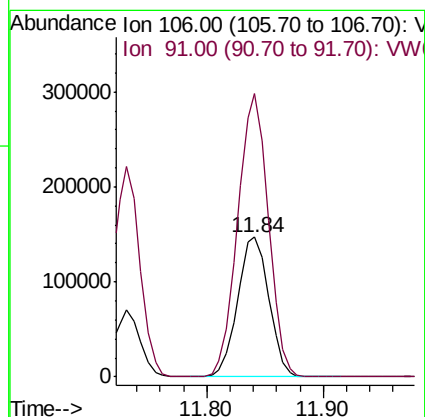
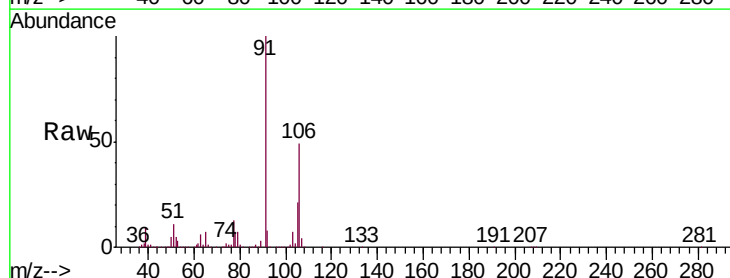
Acq: 04 Feb 2019 11:47

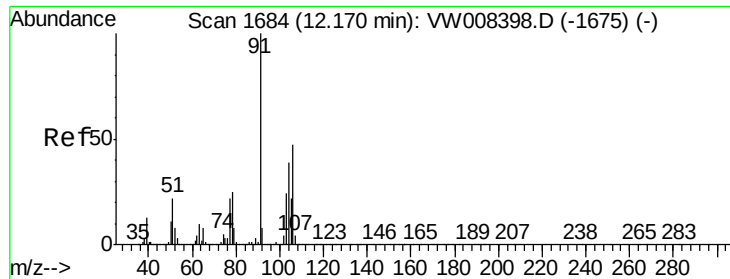
Tgt Ion: 106 Resp: 276652

Ion Ratio Lower Upper

106 100

91 197.5 162.9 244.3

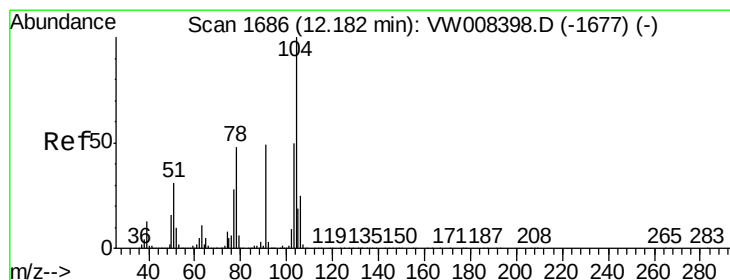
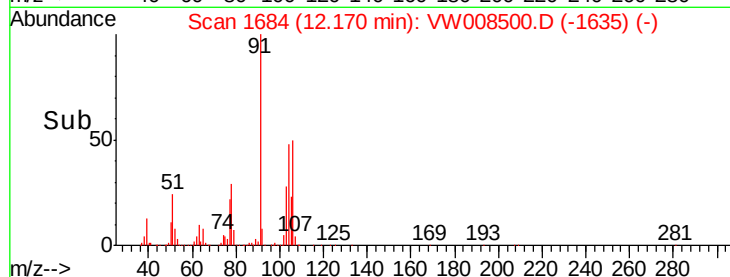
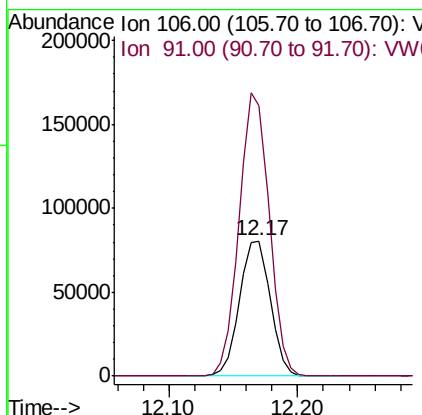
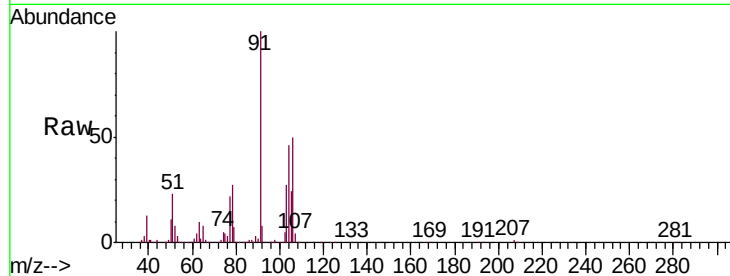




#69
o-Xylene
Concen: 18.413 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

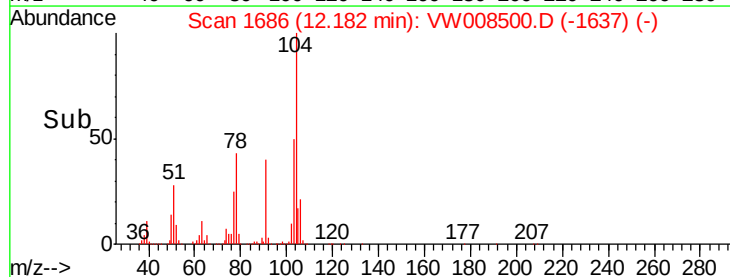
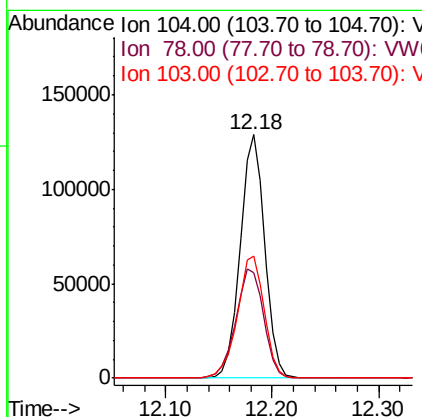
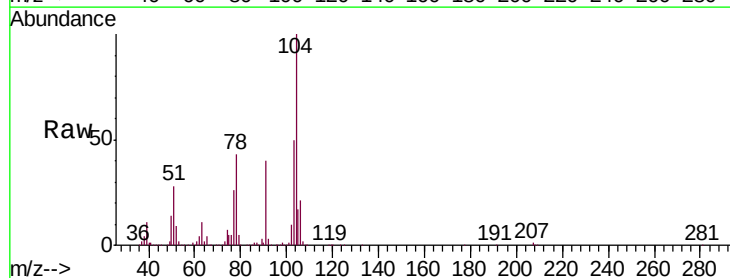
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

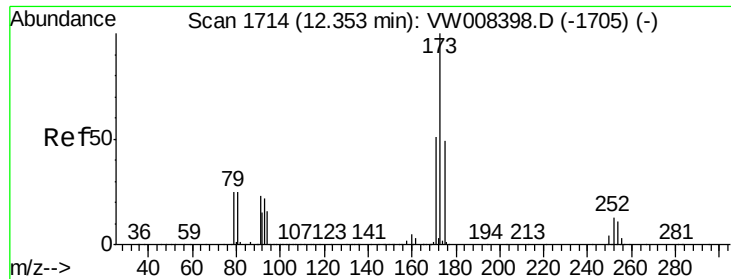
Tgt Ion:106 Resp: 133500
Ion Ratio Lower Upper
106 100
91 204.9 107.5 322.4



#70
Styrene
Concen: 17.354 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion:104 Resp: 207841
Ion Ratio Lower Upper
104 100
78 51.3 42.4 63.6
103 55.1 43.4 65.0

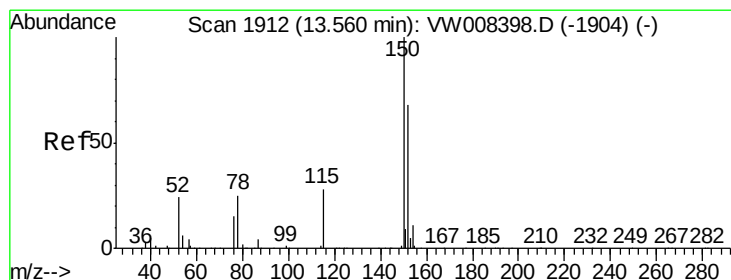
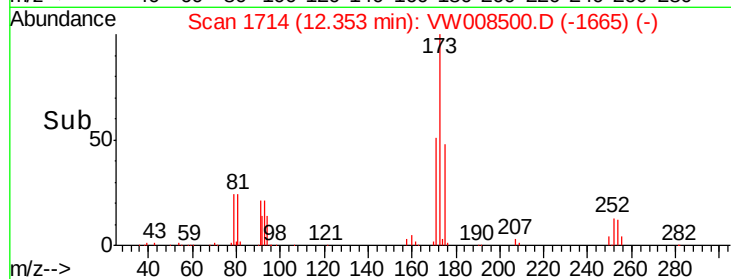
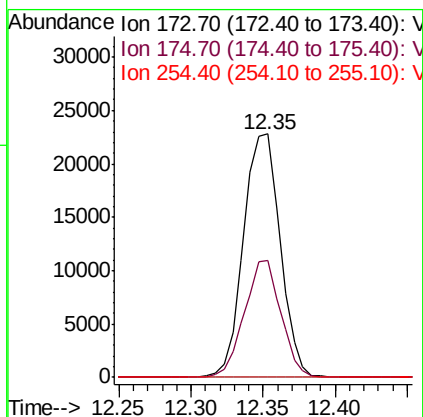
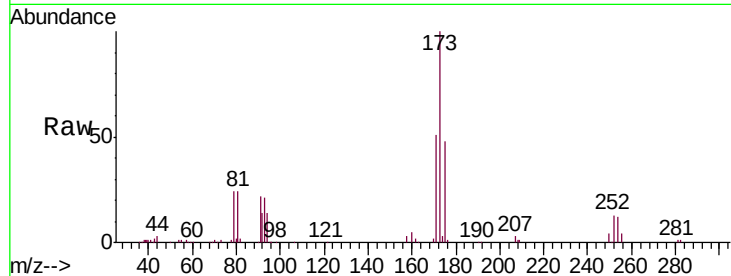




#71
Bromoform
Concen: 18.671 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

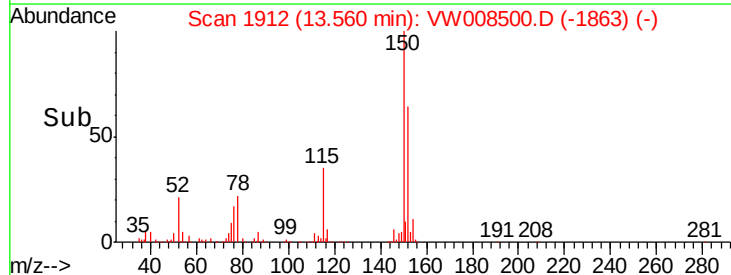
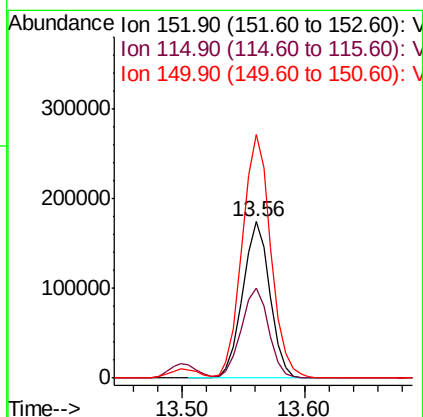
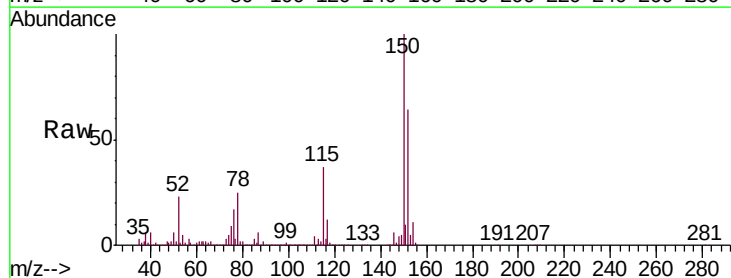
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

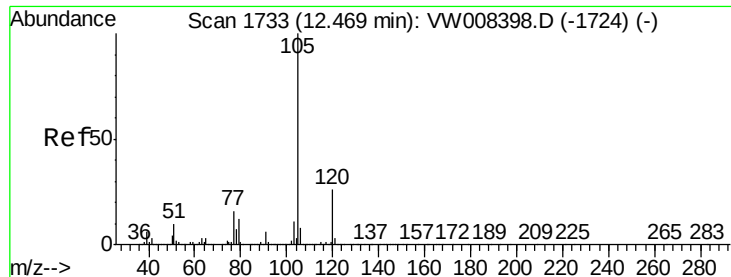
Tgt Ion:173 Resp: 40215
Ion Ratio Lower Upper
173 100
175 47.7 24.4 73.4
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion:152 Resp: 269621
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.7
150 163.6 0.0 351.4

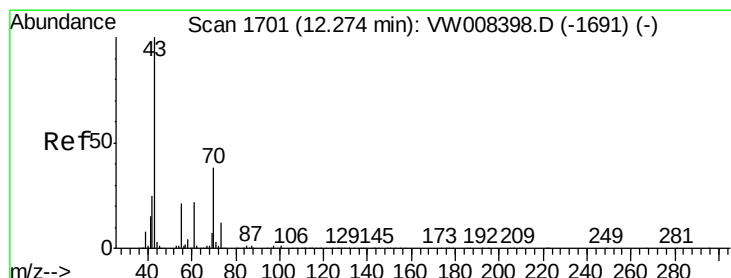
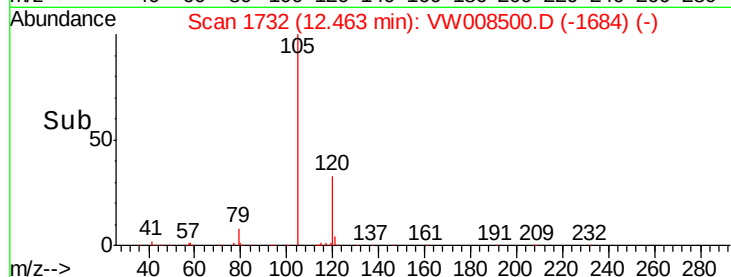
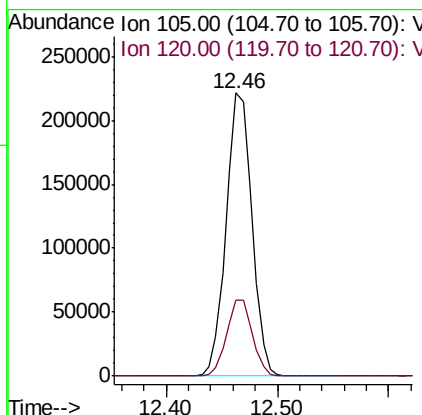
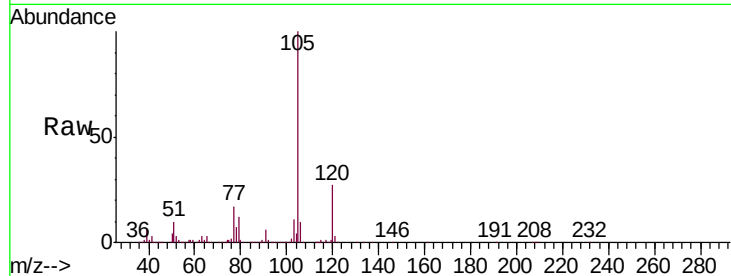




#73
Isopropylbenzene
Concen: 17.688 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

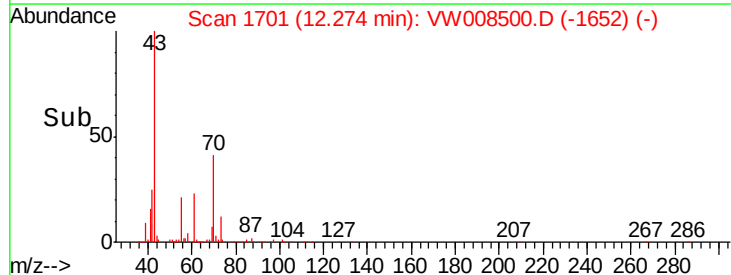
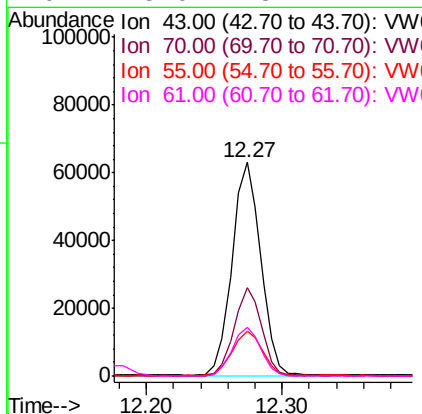
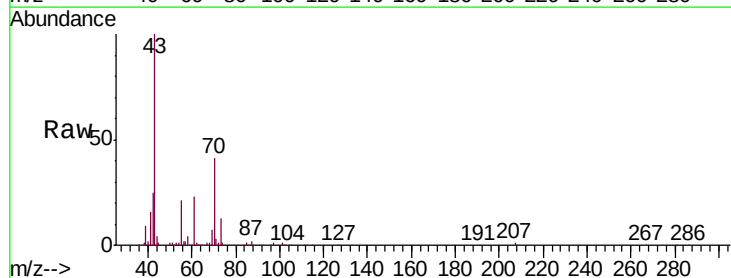
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

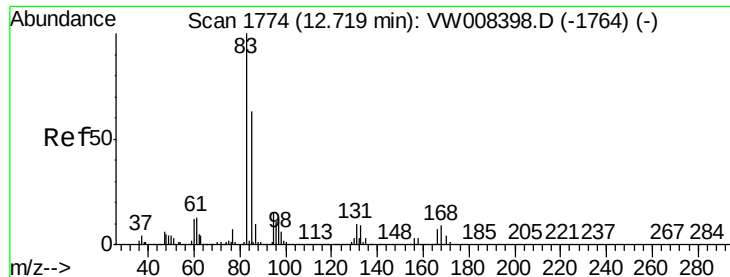
Tgt Ion: 105 Resp: 355549
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.8



#74
N-ethyl acetate
Concen: 17.827 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 43 Resp: 92316
Ion Ratio Lower Upper
43 100
70 40.0 31.0 46.6
55 21.9 17.4 26.2
61 23.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.521 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

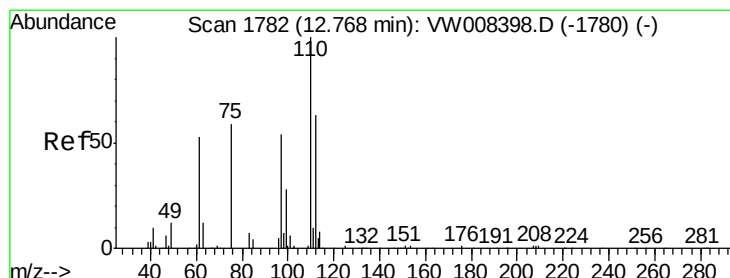
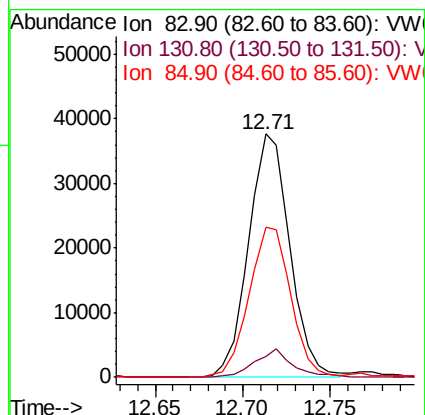
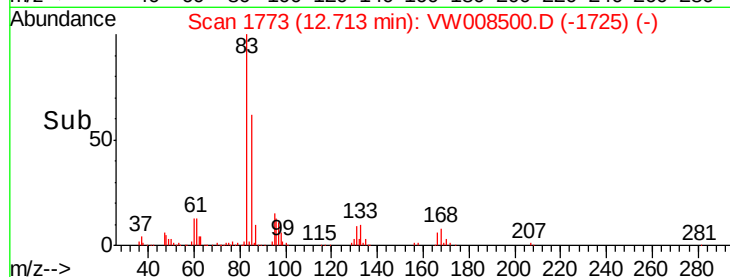
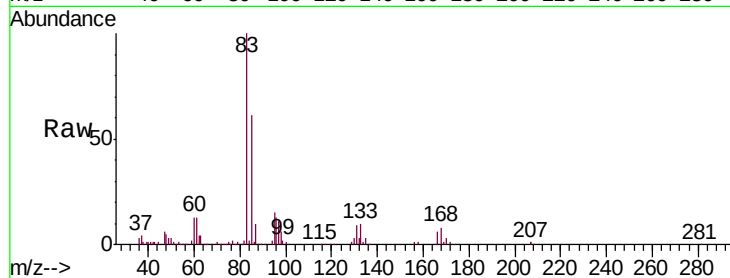
Tgt Ion: 83 Resp: 62124

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 62.5 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 35.861 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008500.D

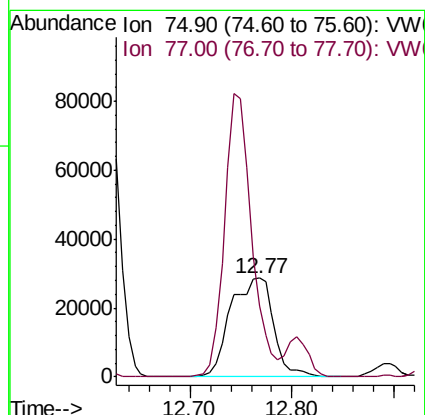
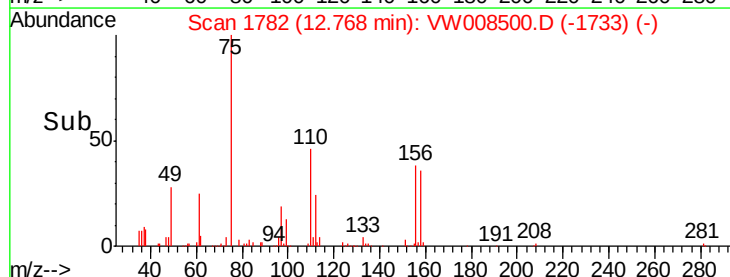
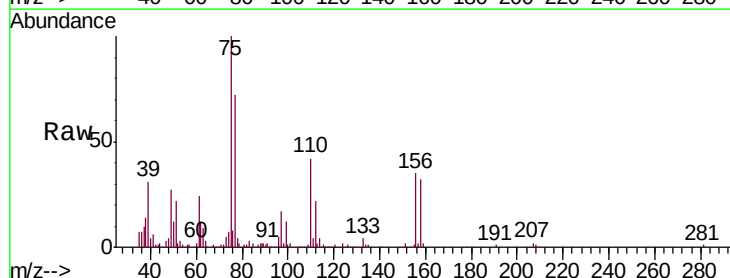
Acq: 04 Feb 2019 11:47

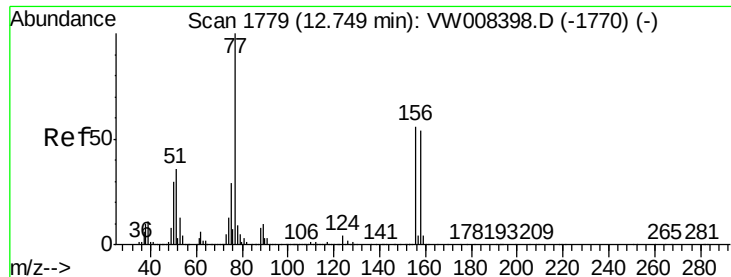
Tgt Ion: 75 Resp: 84064

Ion Ratio Lower Upper

75 100

77 0.0 180.7 542.1#





#77

Bromobenzene

Concen: 19.179 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

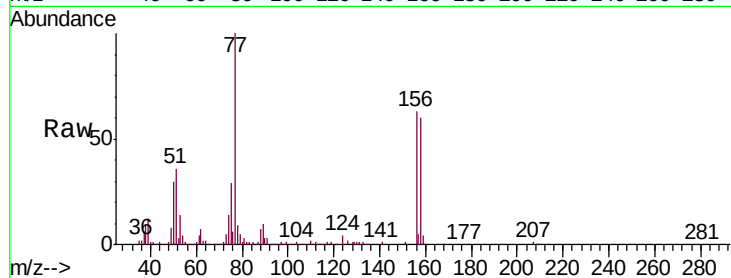
Tgt Ion: 156 Resp: 84193

Ion Ratio Lower Upper

156 100

77 180.6 96.9 290.7

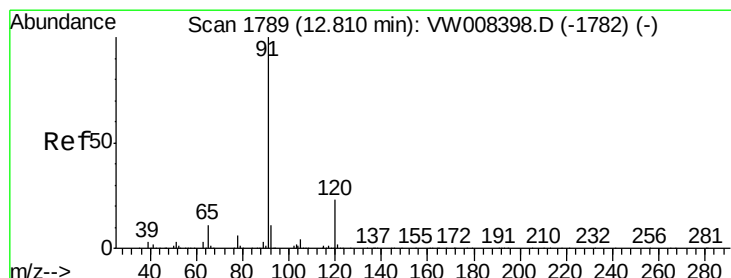
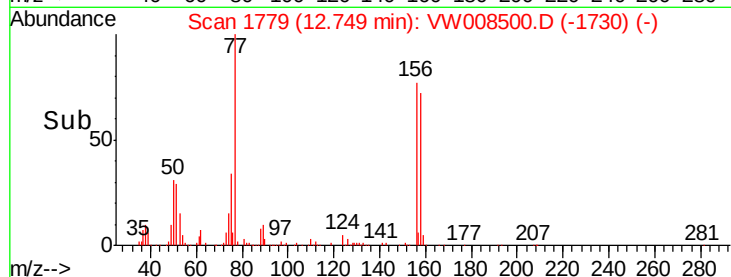
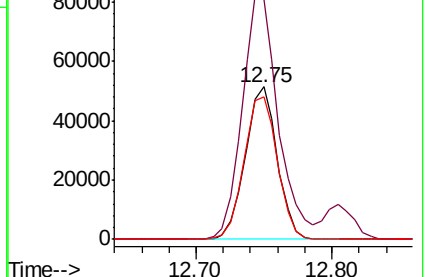
158 97.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.860 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008500.D

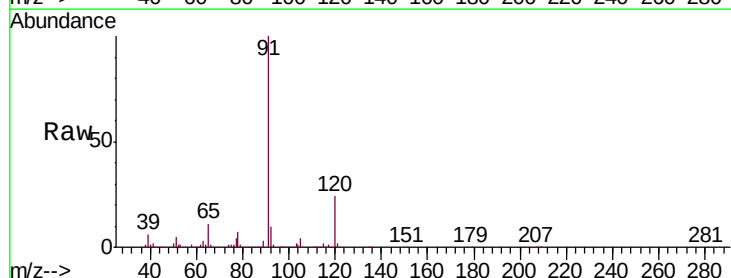
Acq: 04 Feb 2019 11:47

Tgt Ion: 91 Resp: 431183

Ion Ratio Lower Upper

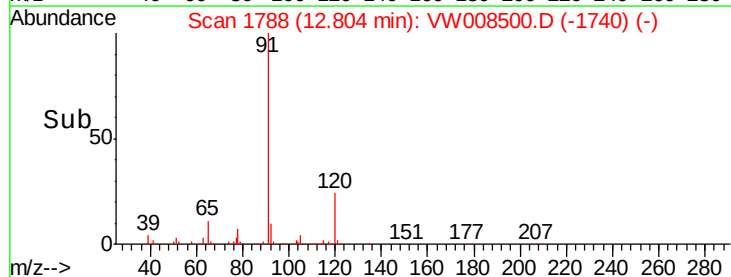
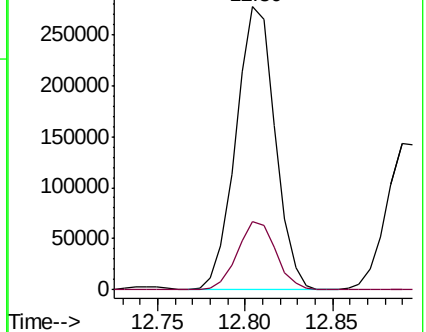
91 100

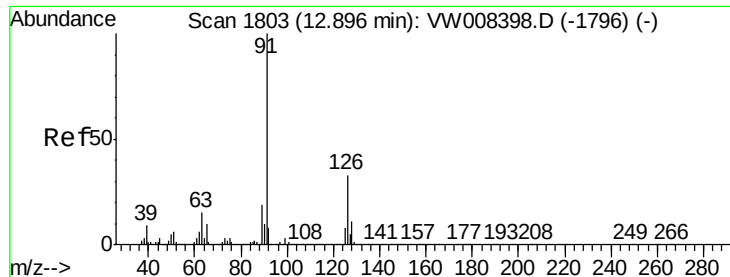
120 23.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.628 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

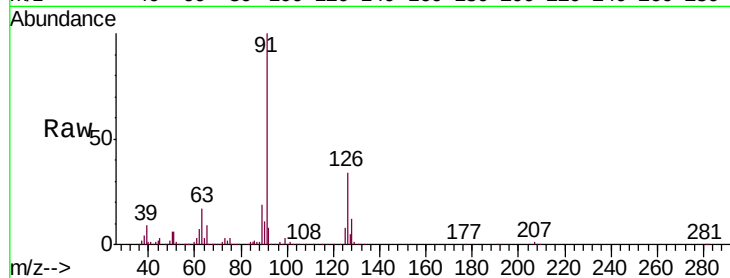
VW0204SBSD01

Tgt Ion: 91 Resp: 240151

Ion Ratio Lower Upper

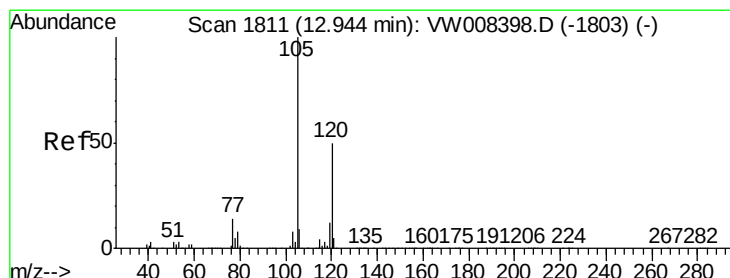
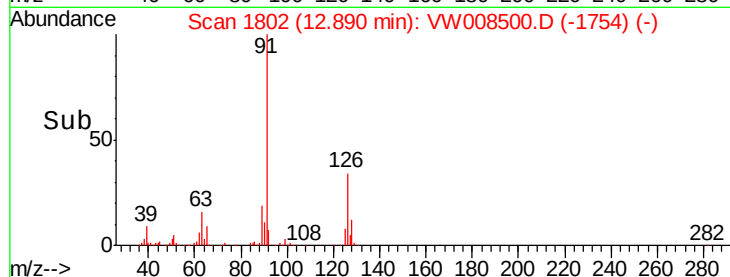
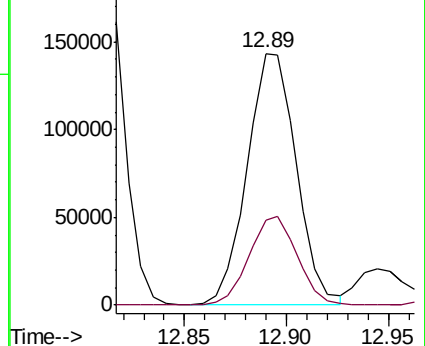
91 100

126 34.6 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.840 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008500.D

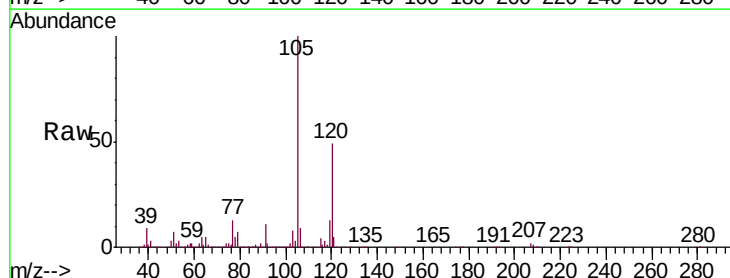
Acq: 04 Feb 2019 11:47

Tgt Ion: 105 Resp: 299730

Ion Ratio Lower Upper

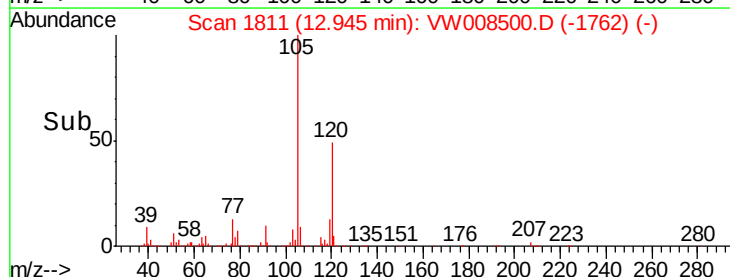
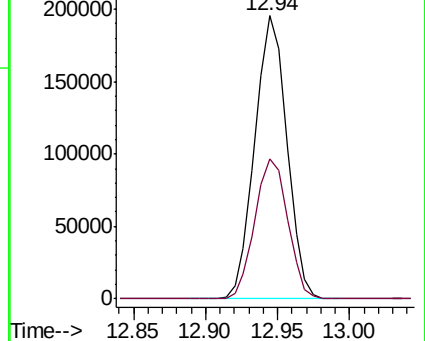
105 100

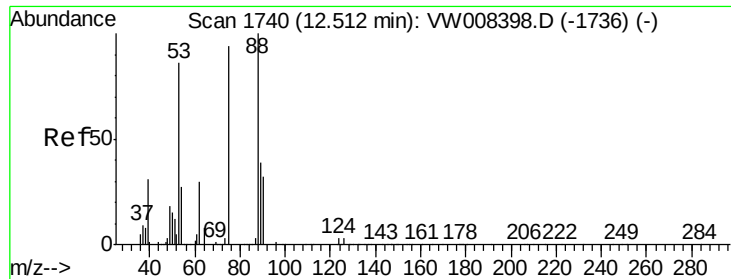
120 50.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

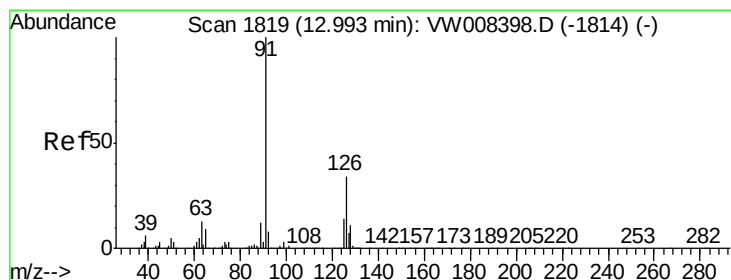
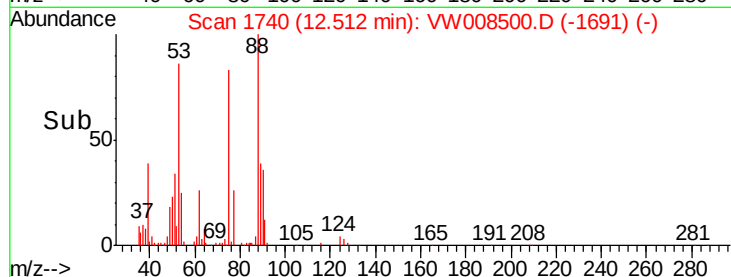
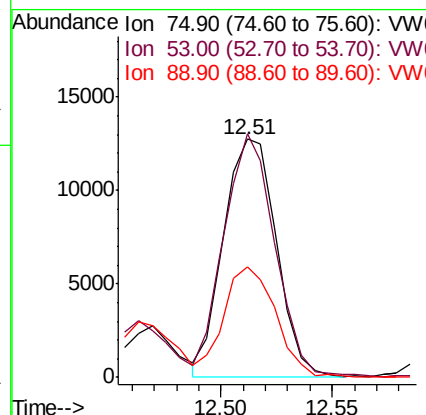
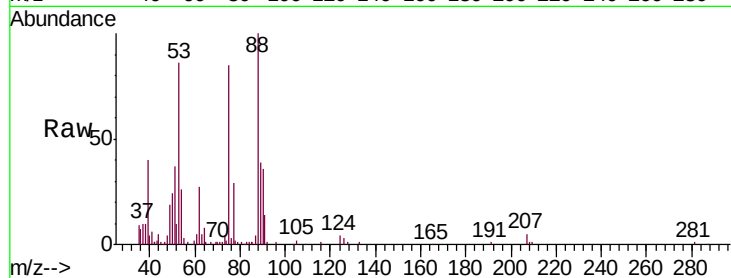




#81
trans-1,4-Dichloro-2-butene
Concen: 17.774 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

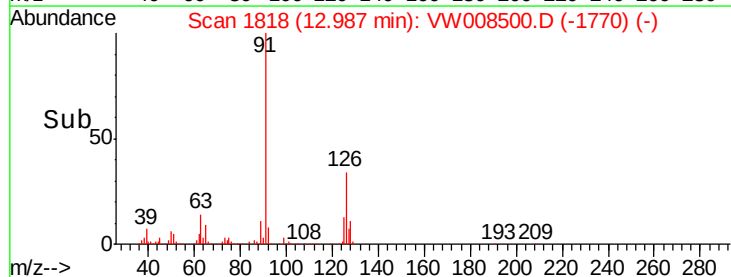
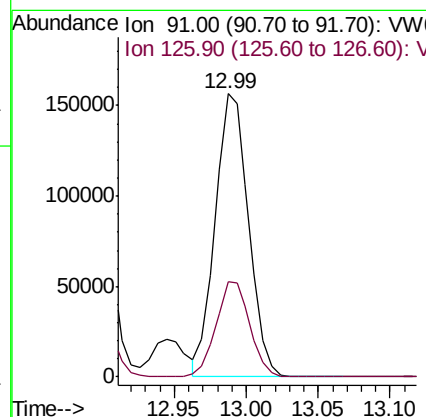
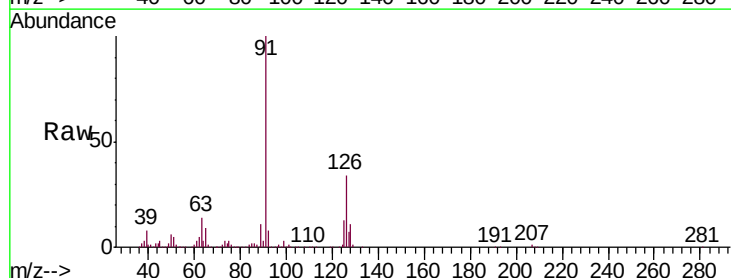
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

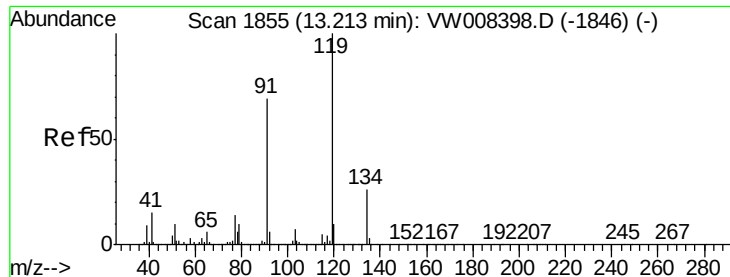
Tgt Ion: 75 Resp: 21095
Ion Ratio Lower Upper
75 100
53 97.9 76.0 114.0
89 45.7 35.4 53.0



#82
4-Chlorotoluene
Concen: 17.389 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion: 91 Resp: 252218
Ion Ratio Lower Upper
91 100
126 34.4 16.4 49.2





#83

tert-Butylbenzene

Concen: 17.816 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

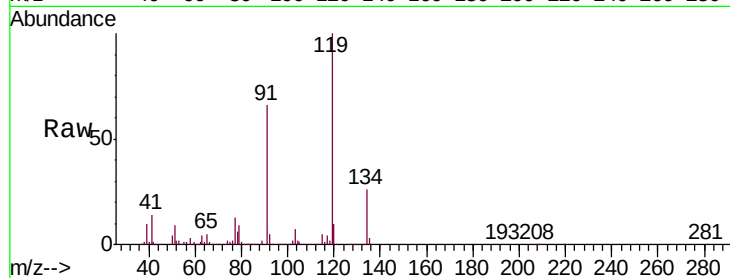
Tgt Ion:119 Resp: 266364

Ion Ratio Lower Upper

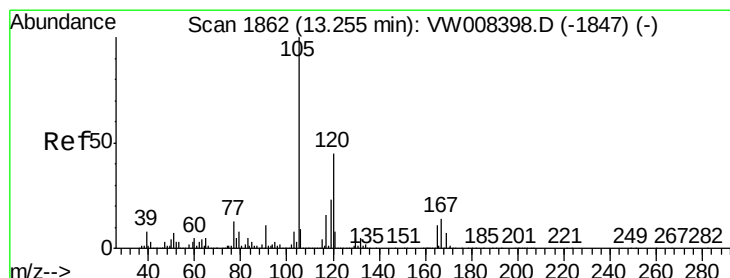
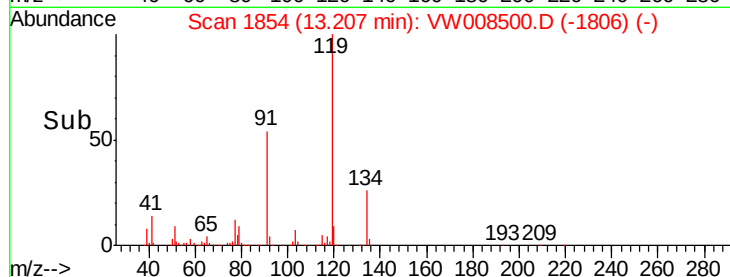
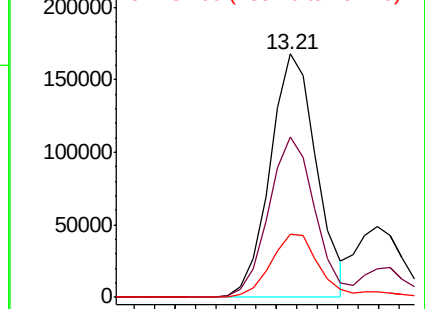
119 100

91 66.4 33.8 101.4

134 28.5 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.892 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008500.D

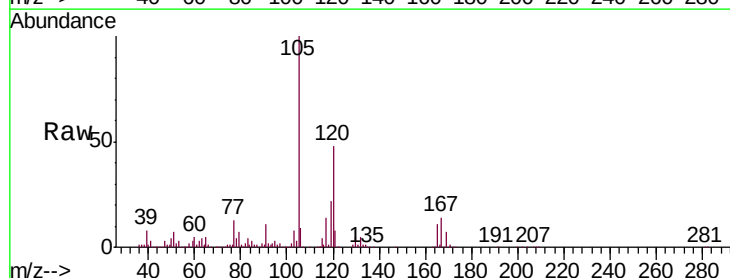
Acq: 04 Feb 2019 11:47

Tgt Ion:105 Resp: 305536

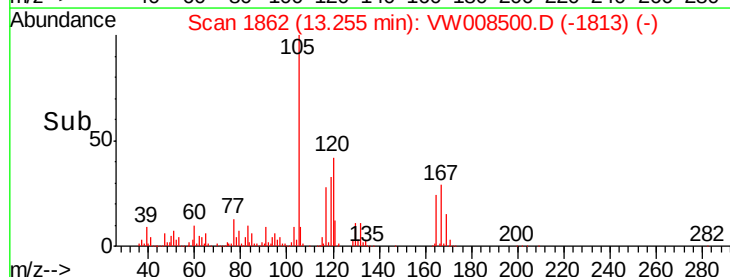
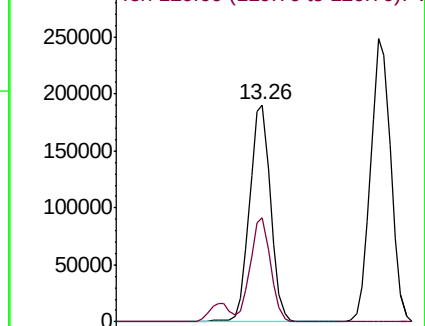
Ion Ratio Lower Upper

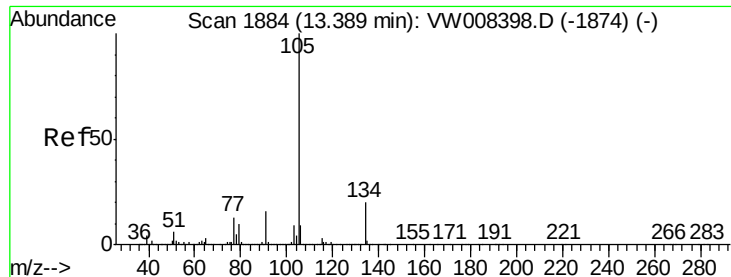
105 100

120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.957 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

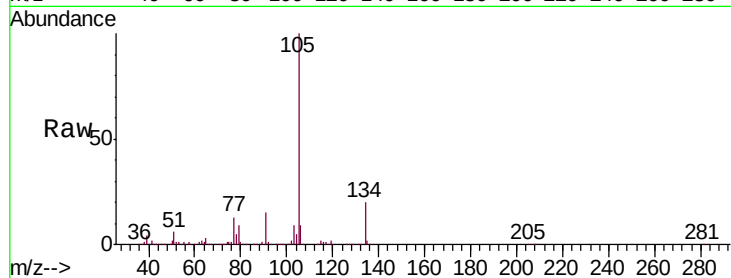
VW0204SBSD01

Tgt Ion:105 Resp: 383404

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

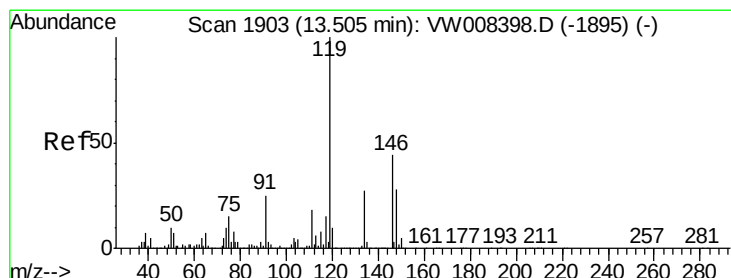
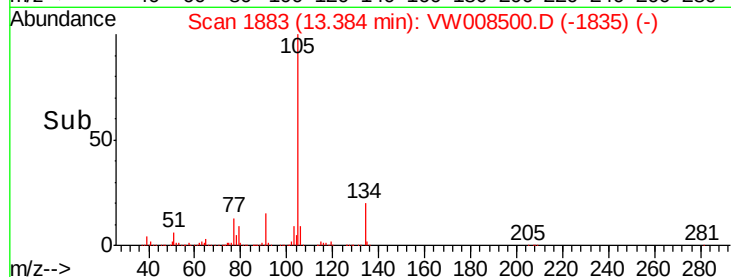
0

13.38

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 18.342 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

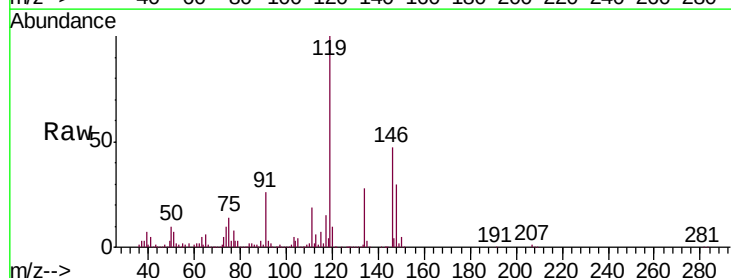
Tgt Ion:119 Resp: 343048

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 24.0 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

100000

50000

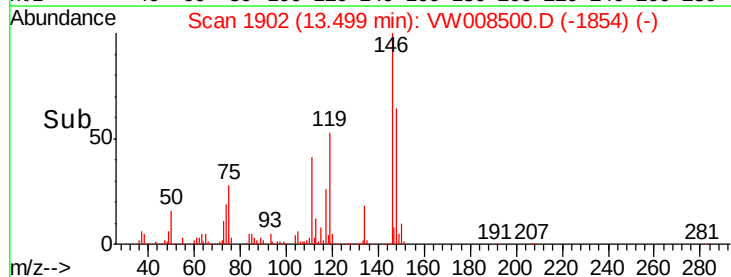
0

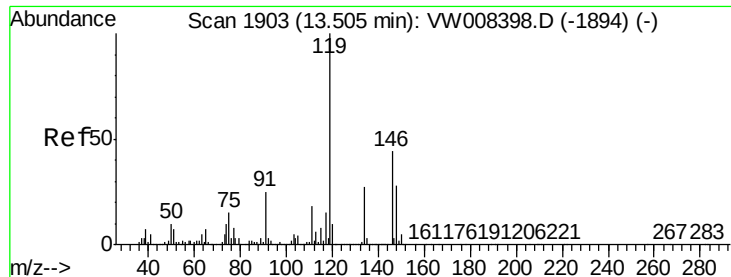
13.50

13.45

13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.711 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

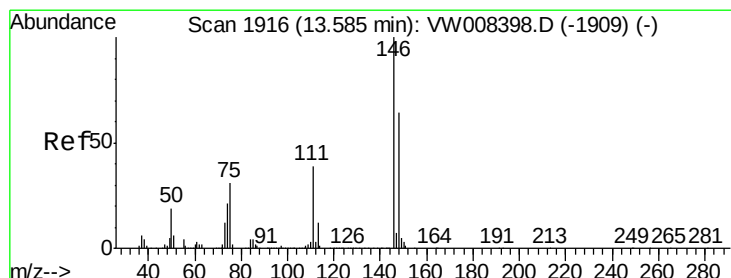
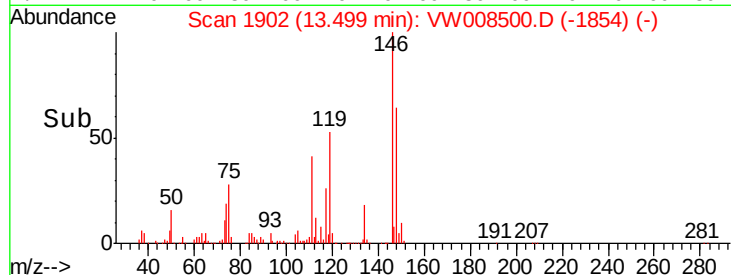
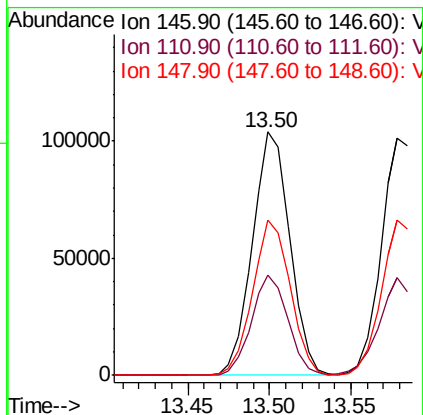
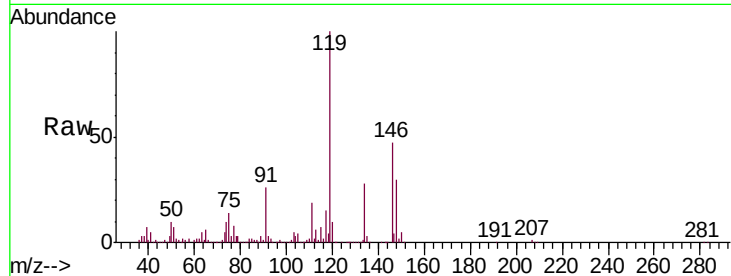
Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

Tgt Ion:	146	Resp:	165884
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	64.1	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.767 ug/l

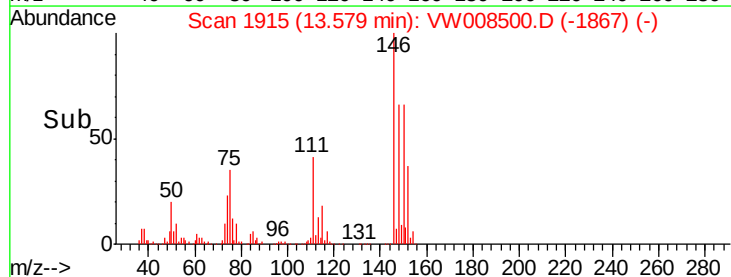
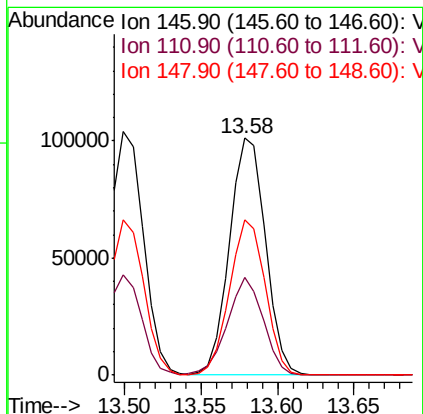
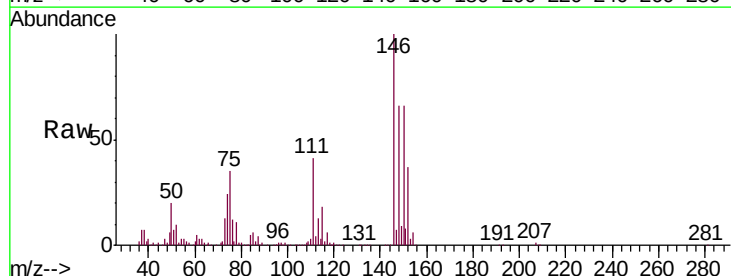
RT: 13.58 min Scan# 1915

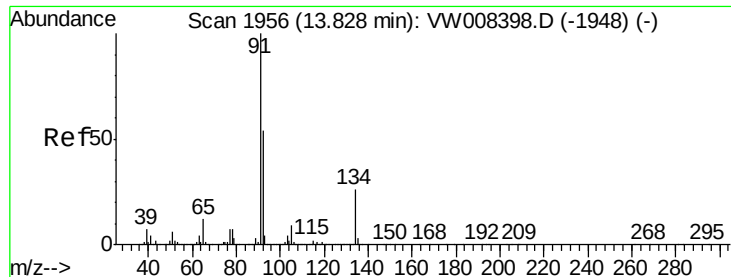
Delta R.T. -0.01 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Tgt Ion:	146	Resp:	165352
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.0	60.0
148	65.0	32.0	96.2





#89

n-Butylbenzene

Concen: 17.737 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008500.D

Acq: 04 Feb 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0204SBSD01

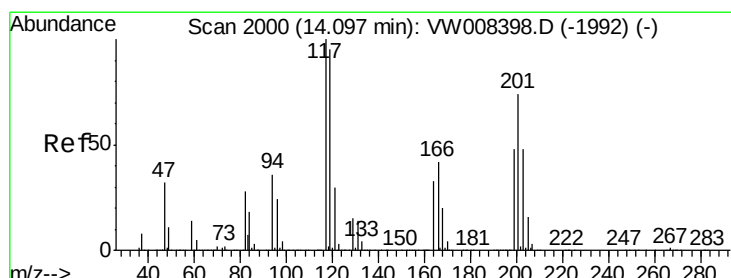
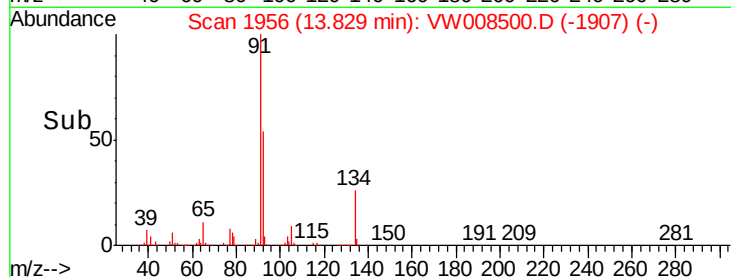
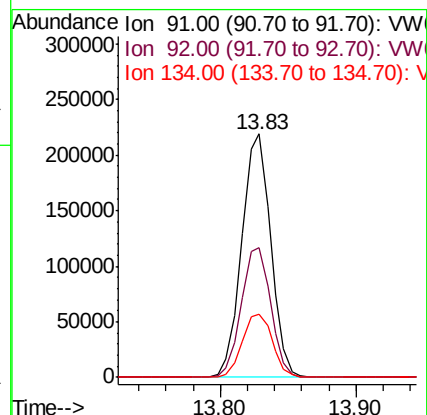
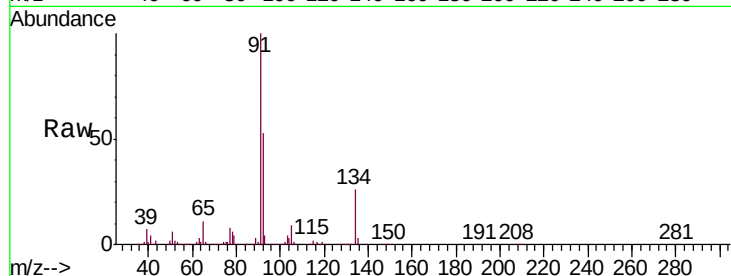
Tgt Ion: 91 Resp: 325721

Ion Ratio Lower Upper

91 100

92 54.2 27.4 82.2

134 27.2 13.0 39.0



#90

Hexachloroethane

Concen: 17.574 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008500.D

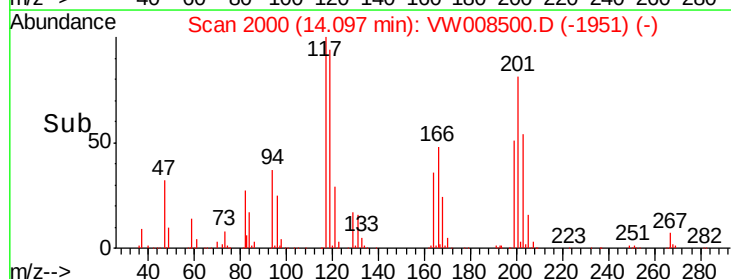
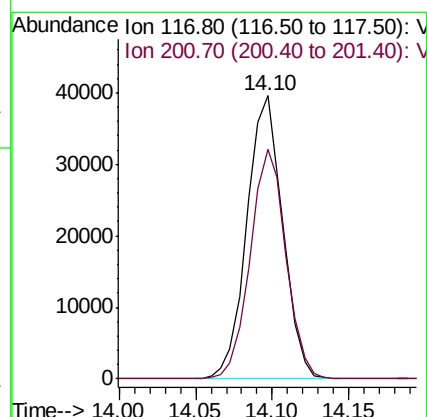
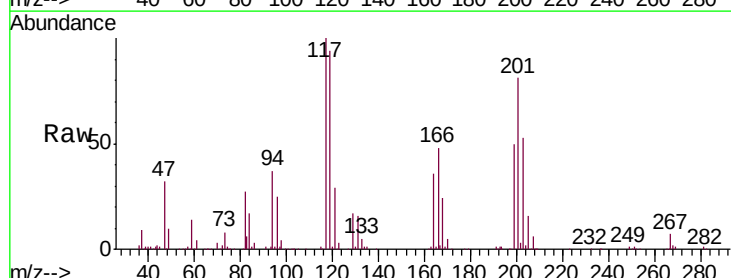
Acq: 04 Feb 2019 11:47

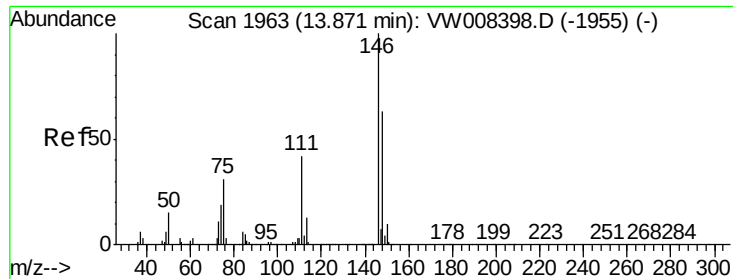
Tgt Ion: 117 Resp: 64278

Ion Ratio Lower Upper

117 100

201 80.8 39.1 117.5

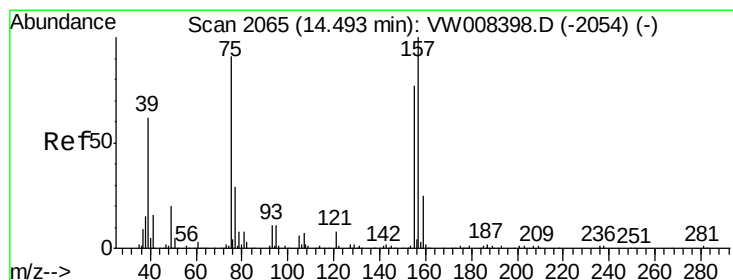
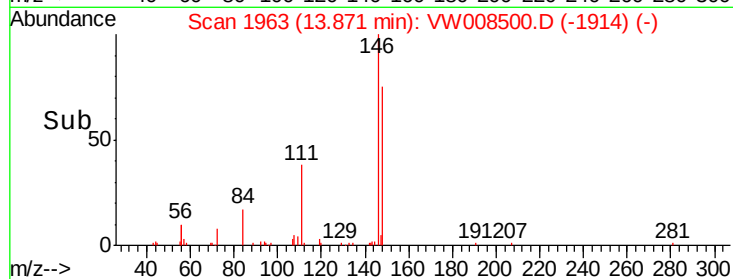
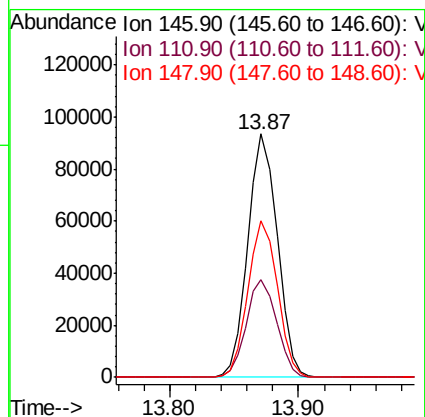
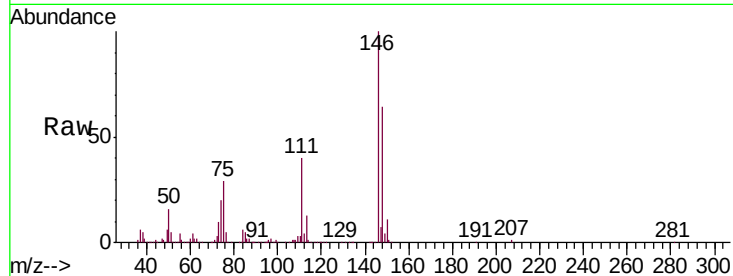




#91
 1,2-Dichlorobenzene
 Concen: 18.830 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

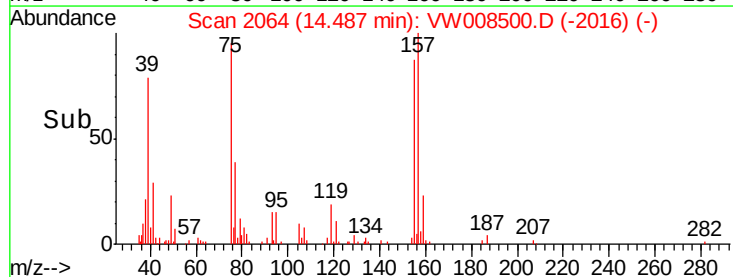
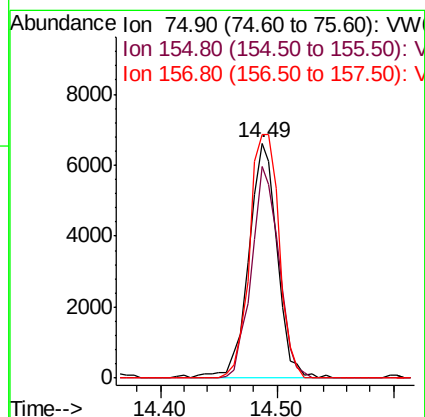
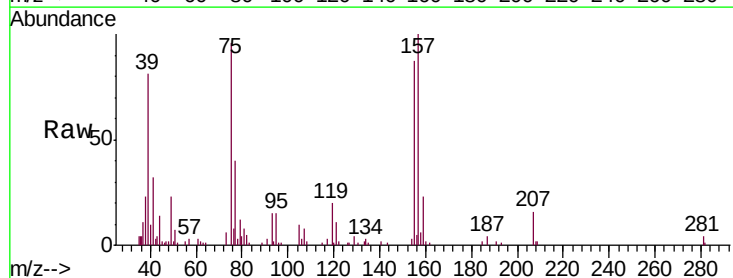
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

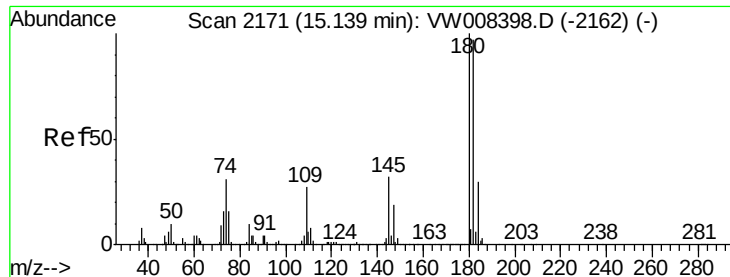
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	64.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.658 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	42.7	128.1
157	107.8	55.5	166.3

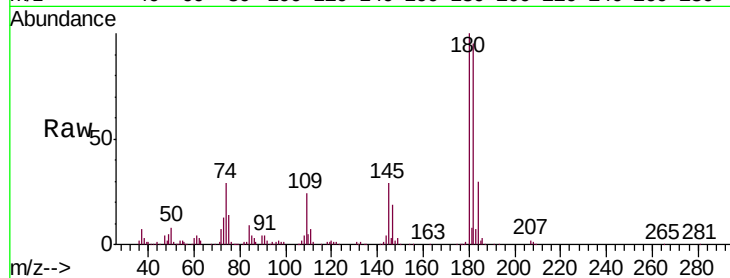




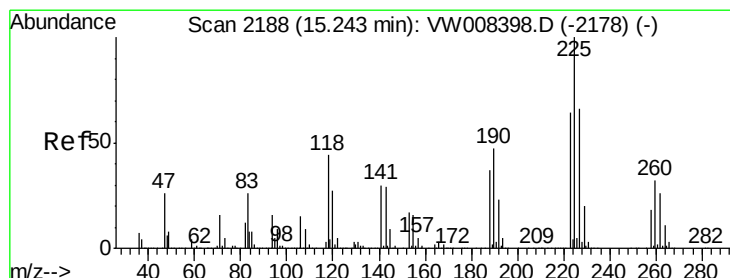
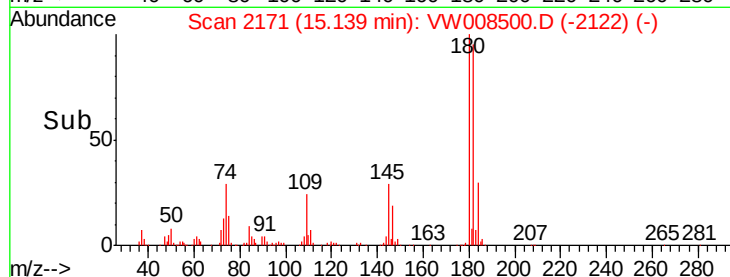
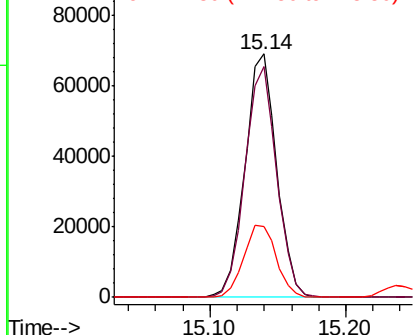
#93
 1,2,4-Trichlorobenzene
 Concen: 20.080 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBSD01

Tgt Ion:180 Resp: 112406
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.7
 145 30.7 15.5 46.5

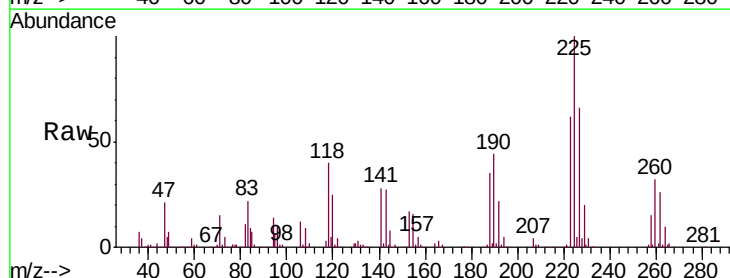


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

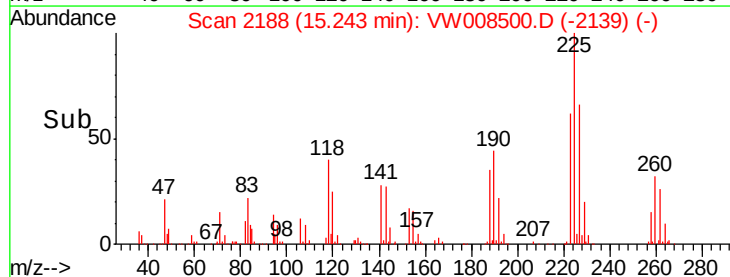
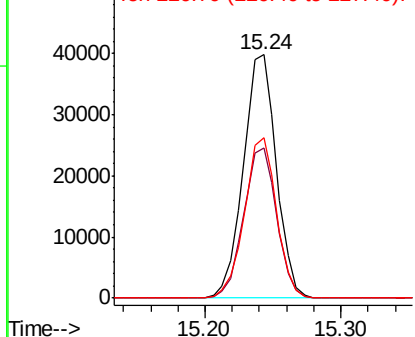


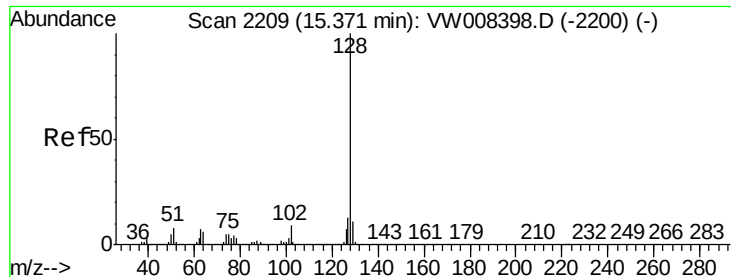
#94
 Hexachlorobutadiene
 Concen: 20.043 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008500.D
 Acq: 04 Feb 2019 11:47

Tgt Ion:225 Resp: 67617
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.7 95.1
 227 64.0 32.1 96.3



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

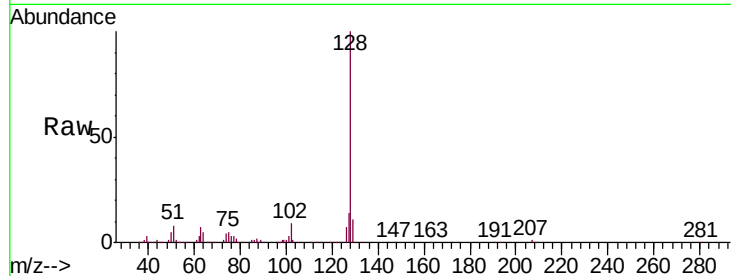




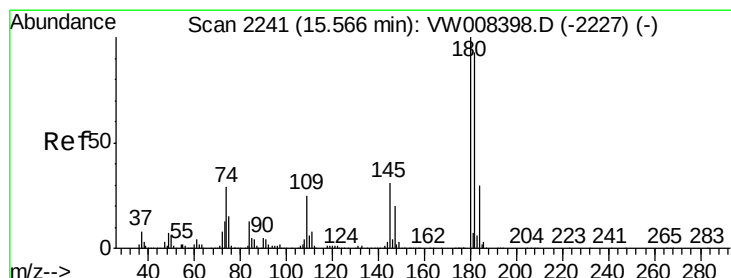
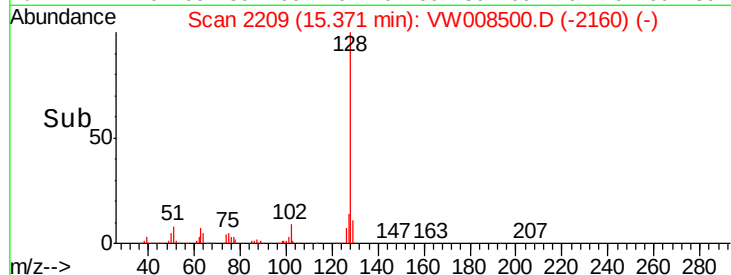
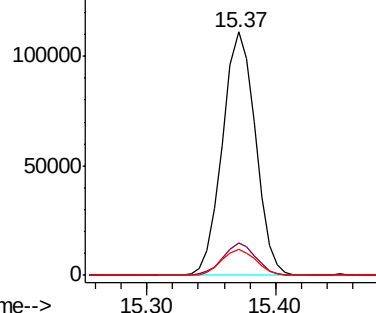
#95
Naphthalene
Concen: 19.998 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBSD01

Tgt Ion:128 Resp: 196562
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.2 8.7 13.1

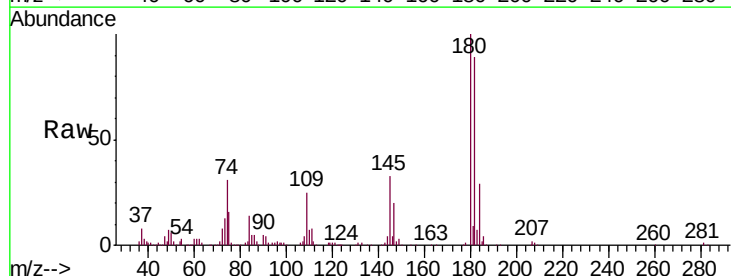


Abundance Ion 128.00 (127.70 to 128.70): V
150000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.511 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008500.D
Acq: 04 Feb 2019 11:47

Tgt Ion:180 Resp: 97399
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 31.2 15.9 47.6



Abundance Ion 179.80 (179.50 to 180.50): V
60000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

