

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008476.D
 Acq On : 01 Feb 2019 12:45
 Operator : SY/VA
 Sample : VW0201SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBSD01

Quant Time: Feb 02 00:40:15 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	430561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	658660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	580028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	299675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	210501	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	7.88	113	206523	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
50) Toluene-d8	10.32	98	783378	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	290909	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39497	18.094	ug/l	95
3) Chloromethane	2.21	50	53521	15.228	ug/l	96
4) Vinyl Chloride	2.37	62	73339	16.392	ug/l	96
5) Bromomethane	2.78	94	64340	22.296	ug/l	96
6) Chloroethane	2.92	64	55178	20.166	ug/l	99
7) Trichlorofluoromethane	3.25	101	60633	18.834	ug/l	95
8) Diethyl Ether	3.67	74	38485	17.923	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70274	18.046	ug/l	96
10) Methyl Iodide	4.26	142	114786	18.661	ug/l	99
11) Tert butyl alcohol	5.20	59	28300	83.100	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	69640	17.670	ug/l	95
13) Acrolein	3.89	56	30195	102.997	ug/l	99
14) Allyl chloride	4.66	41	119669	15.991	ug/l	96
15) Acrylonitrile	5.37	53	82052	88.496	ug/l	98
16) Acetone	4.13	43	82525	86.880	ug/l	96
17) Carbon Disulfide	4.37	76	210883	16.754	ug/l	100
18) Methyl Acetate	4.67	43	42472	16.764	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	123040	18.870	ug/l	91
20) Methylene Chloride	4.91	84	80223	18.324	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	78147	17.638	ug/l	94
22) Diisopropyl ether	6.31	45	231362	16.312	ug/l	98
23) Vinyl Acetate	6.25	43	703538	84.006	ug/l	98
24) 1,1-Dichloroethane	6.21	63	134445	16.746	ug/l	98
25) 2-Butanone	7.17	43	117375	88.963	ug/l	98
26) 2,2-Dichloropropane	7.16	77	95959	17.683	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	84585	17.517	ug/l	98
28) Bromochloromethane	7.51	49	64984	17.623	ug/l	94
29) Tetrahydrofuran	7.53	42	73634	88.070	ug/l	97
30) Chloroform	7.67	83	137430	17.404	ug/l	97
31) Cyclohexane	7.95	56	133694	16.105	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	121460	17.808	ug/l	98
36) 1,1-Dichloropropene	8.08	75	111620	17.940	ug/l	99
37) Ethyl Acetate	7.26	43	50630	18.393	ug/l	99
38) Carbon Tetrachloride	8.06	117	117561	18.777	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	143490	17.556	ug/l	99
40) Benzene	8.32	78	303441	17.576	ug/l	98
41) Methacrylonitrile	7.48	41	28608	17.552	ug/l	92
42) 1,2-Dichloroethane	8.40	62	90866	18.161	ug/l	99
43) Isopropyl Acetate	8.42	43	103210	18.048	ug/l	99
44) Trichloroethene	9.09	130	86281	18.378	ug/l	99
45) 1,2-Dichloropropane	9.37	63	74358	17.274	ug/l	97
46) Dibromomethane	9.46	93	40129	18.124	ug/l	95
47) Bromodichloromethane	9.64	83	103778	17.721	ug/l	98
48) Methyl methacrylate	9.43	41	48583	17.374	ug/l	98
49) 1,4-Dioxane	9.46	88	13032	348.218	ug/l #	75
51) 4-Methyl-2-Pentanone	10.21	43	251931	89.171	ug/l	98
52) Toluene	10.38	92	196382	17.231	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	108757	17.453	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	124075	17.545	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	56301	18.333	ug/l	99
56) Ethyl methacrylate	10.65	69	75950	17.650	ug/l	95
57) 1,3-Dichloropropane	10.93	76	99010	17.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	210420	100.640	ug/l	96
59) 2-Hexanone	10.97	43	180169	90.332	ug/l	99
60) Dibromochloromethane	11.13	129	71031	17.998	ug/l	100
61) 1,2-Dibromoethane	11.24	107	55582	18.253	ug/l	98
64) Tetrachloroethene	10.86	164	75435	19.209	ug/l	98
65) Chlorobenzene	11.66	112	214166	18.088	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	77961	18.403	ug/l	98
67) Ethyl Benzene	11.73	91	383725	17.631	ug/l	98
68) m/p-Xylenes	11.84	106	301479	35.701	ug/l	97
69) o-Xylene	12.16	106	142423	17.750	ug/l	97
70) Styrene	12.18	104	228273	17.224	ug/l	98
71) Bromoform	12.35	173	45566	19.117	ug/l #	95
73) Isopropylbenzene	12.46	105	391984	17.545	ug/l	99
74) N-amyl acetate	12.27	43	97568	16.952	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	66111	18.691	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	91804	35.235	ug/l #	17
77) Bromobenzene	12.75	156	89606	18.365	ug/l	94
78) n-propylbenzene	12.80	91	462690	17.243	ug/l	98
79) 2-Chlorotoluene	12.90	91	263485	17.401	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	323151	17.305	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	22478	17.040	ug/l	94
82) 4-Chlorotoluene	12.99	91	272721	16.917	ug/l	97
83) tert-Butylbenzene	13.21	119	283480	17.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	327475	17.253	ug/l	99
85) sec-Butylbenzene	13.38	105	414029	17.446	ug/l	99
86) p-Isopropyltoluene	13.50	119	370100	17.804	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	179545	18.221	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	180637	18.446	ug/l	99
89) n-Butylbenzene	13.83	91	349740	17.135	ug/l	99
90) Hexachloroethane	14.10	117	70645	17.378	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	159592	18.304	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11944	17.797	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	121093	19.462	ug/l	99
94) Hexachlorobutadiene	15.24	225	72857	19.430	ug/l	98
95) Naphthalene	15.37	128	214096	19.597	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	104182	19.739	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

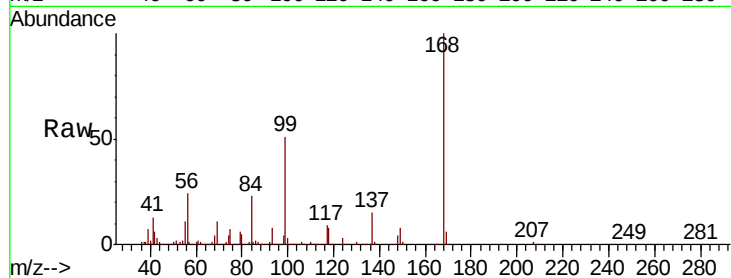
VW0201SBSD01

Tgt Ion:168 Resp: 430561

Ion Ratio Lower Upper

168 100

99 51.4 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

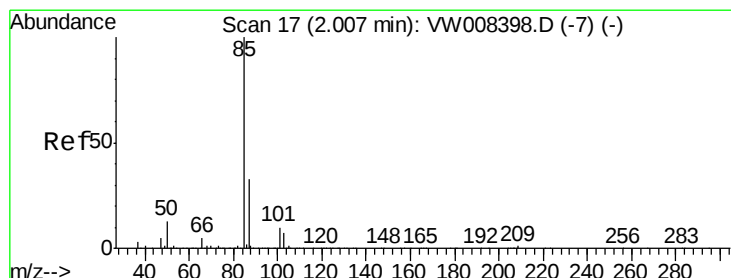
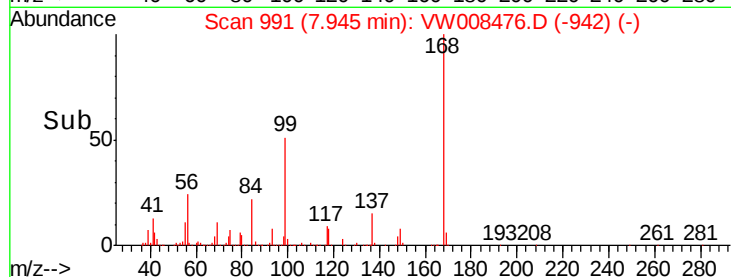
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.094 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW008476.D

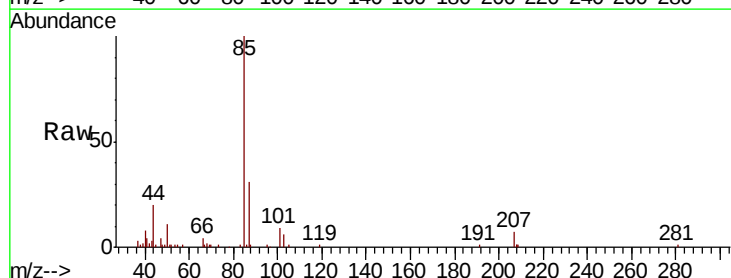
Acq: 01 Feb 2019 12:45

Tgt Ion: 85 Resp: 39497

Ion Ratio Lower Upper

85 100

87 30.7 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

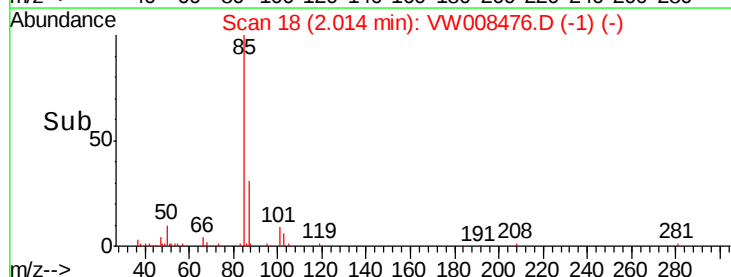
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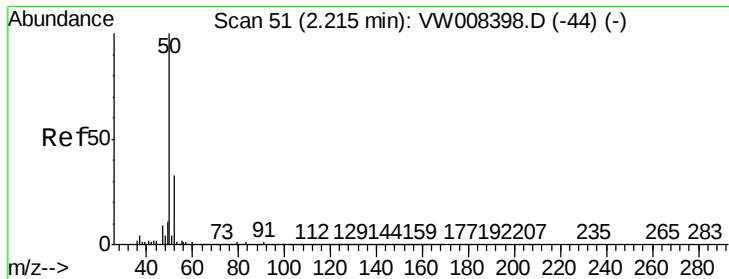
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5000

0

Time-->





#3

Chloromethane

Concen: 15.228 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

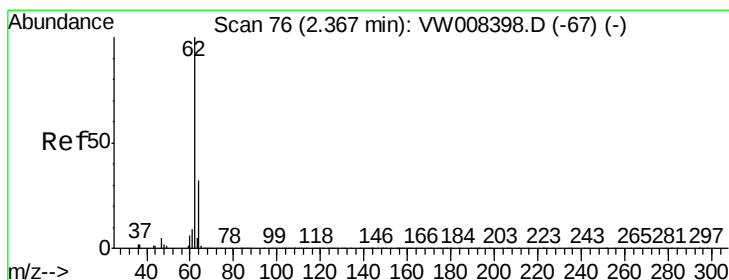
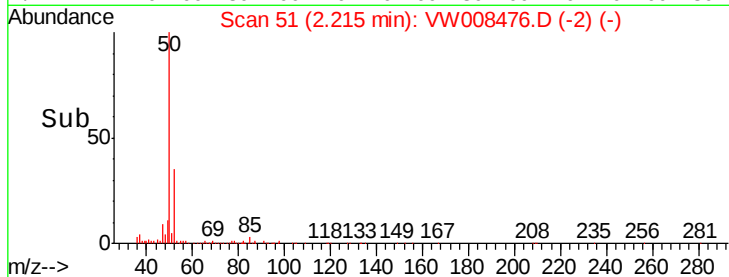
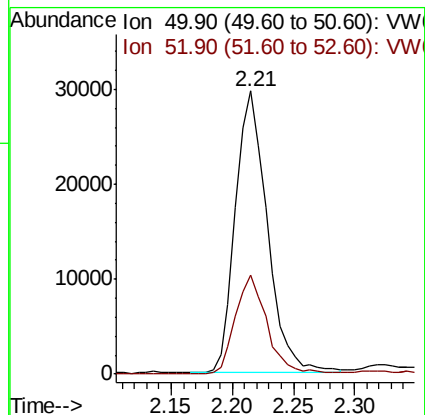
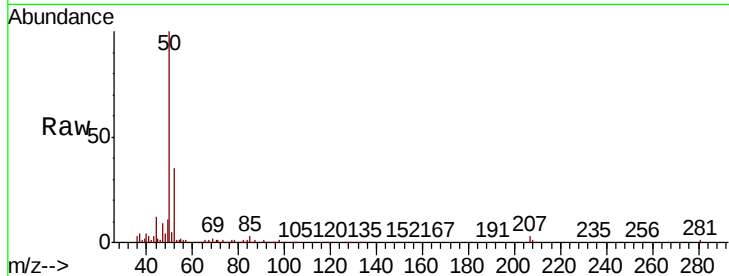
VW0201SBSD01

Tgt Ion: 50 Resp: 53521

Ion Ratio Lower Upper

50 100

52 35.3 26.3 39.5



#4

Vinyl Chloride

Concen: 16.392 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008476.D

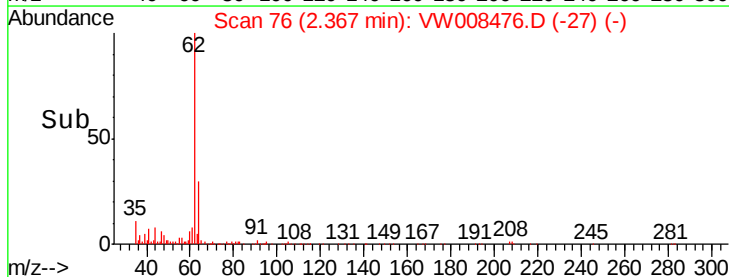
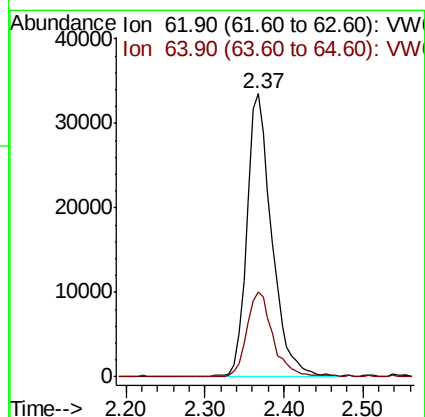
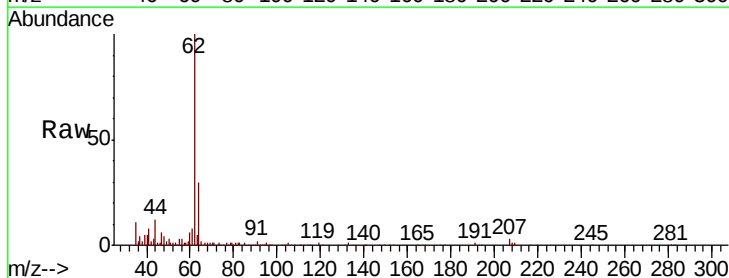
Acq: 01 Feb 2019 12:45

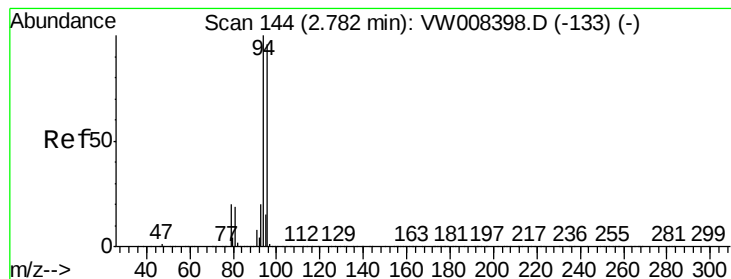
Tgt Ion: 62 Resp: 73339

Ion Ratio Lower Upper

62 100

64 29.7 25.5 38.3





#5

Bromomethane

Concen: 22.296 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

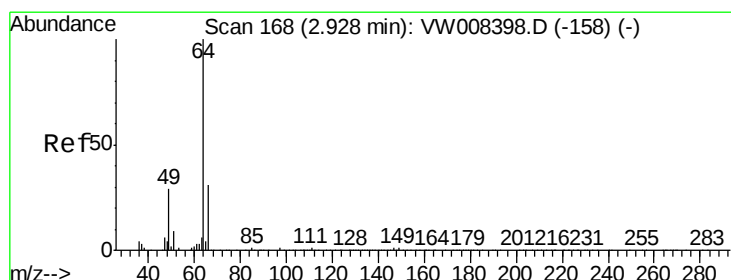
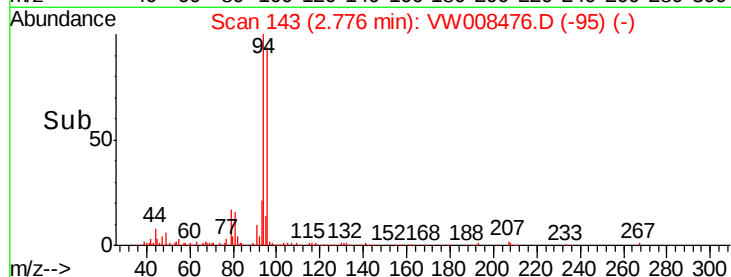
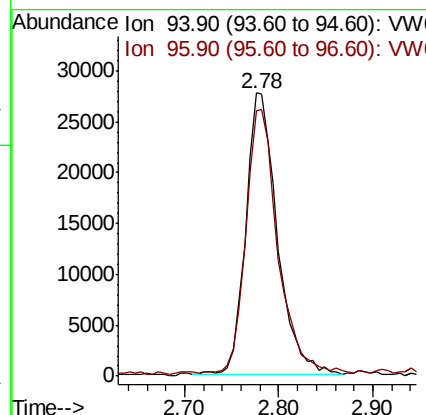
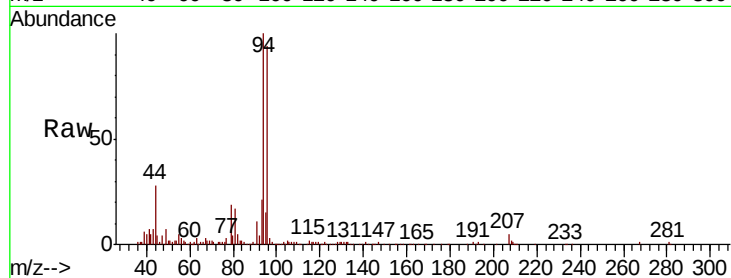
VW0201SBSD01

Tgt Ion: 94 Resp: 64340

Ion Ratio Lower Upper

94 100

96 92.8 77.2 115.8



#6

Chloroethane

Concen: 20.166 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008476.D

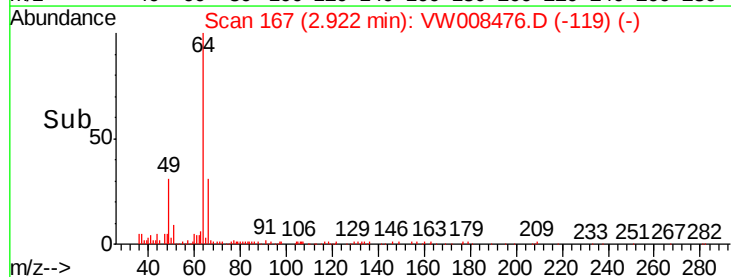
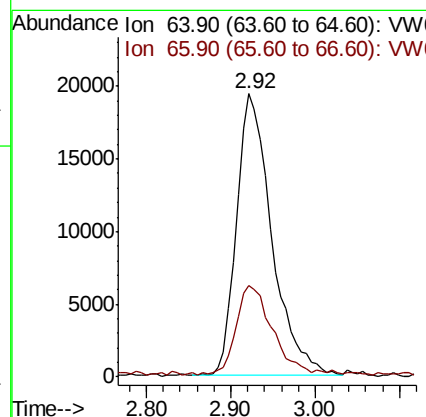
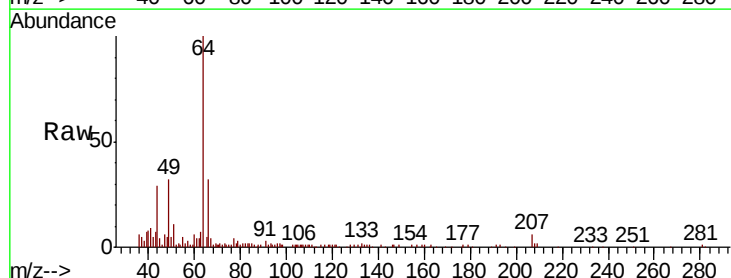
Acq: 01 Feb 2019 12:45

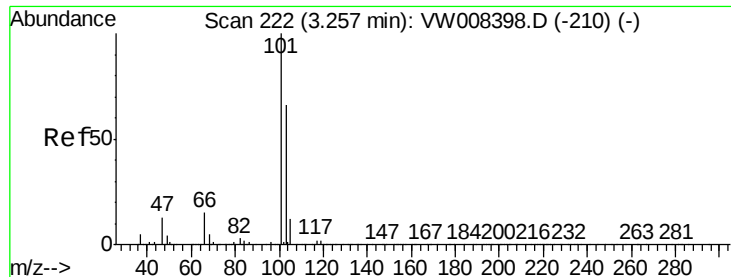
Tgt Ion: 64 Resp: 55178

Ion Ratio Lower Upper

64 100

66 31.5 24.9 37.3



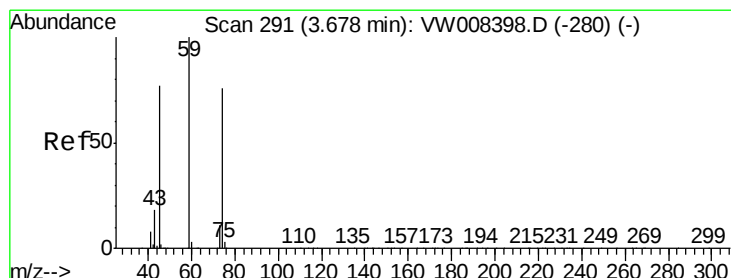
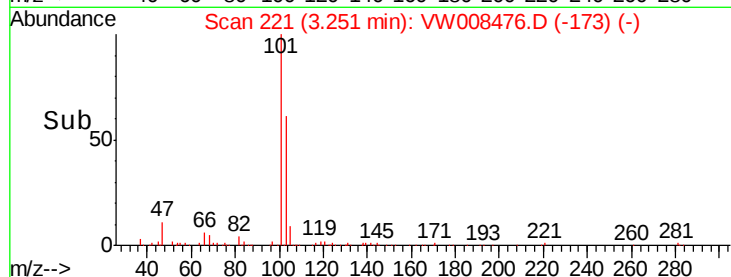
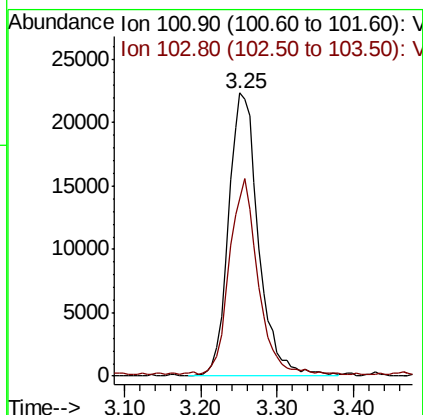
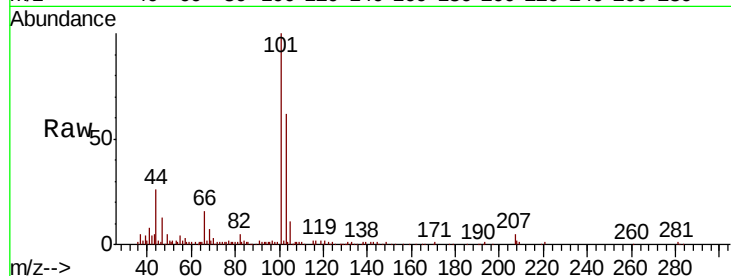


#7

Trichlorofluoromethane
Concen: 18.834 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008476.D
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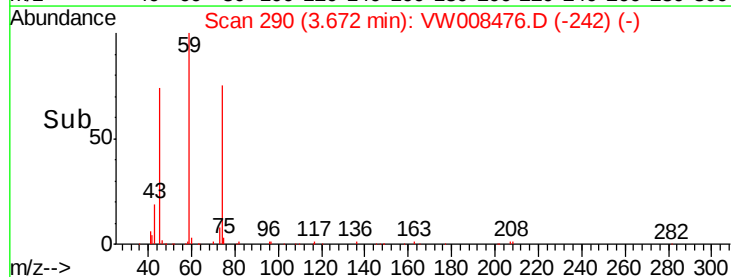
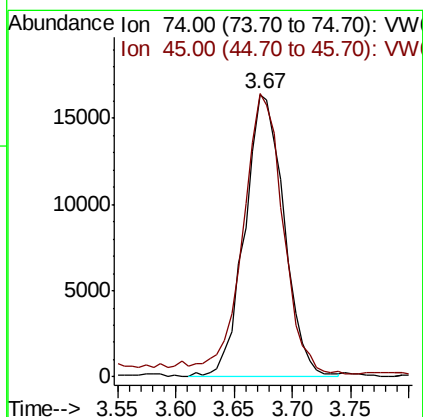
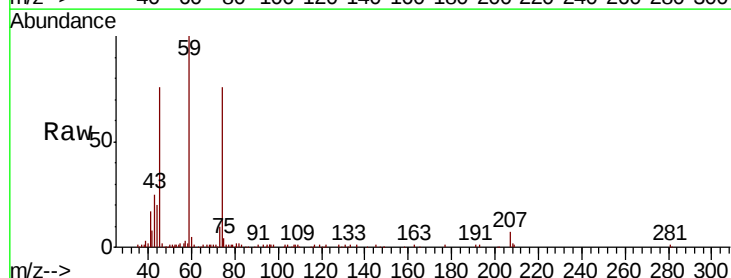
Tgt Ion:101 Resp: 60633
Ion Ratio Lower Upper
101 100
103 61.6 52.5 78.7

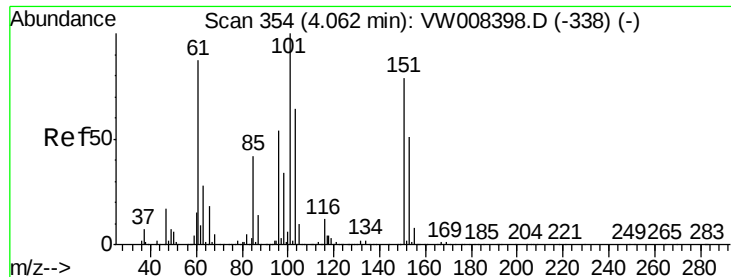


#8

Diethyl Ether
Concen: 17.923 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 74 Resp: 38485
Ion Ratio Lower Upper
74 100
45 99.5 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.046 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

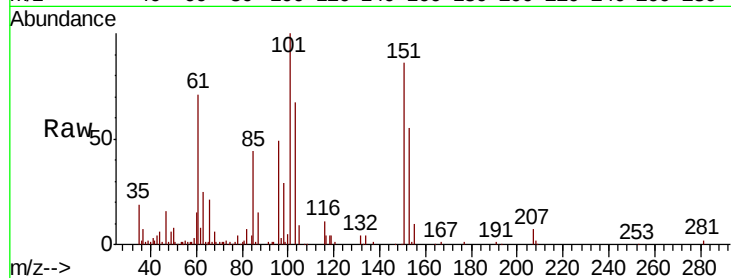
Tgt Ion:101 Resp: 70274

Ion Ratio Lower Upper

101 100

85 43.2 35.0 52.4

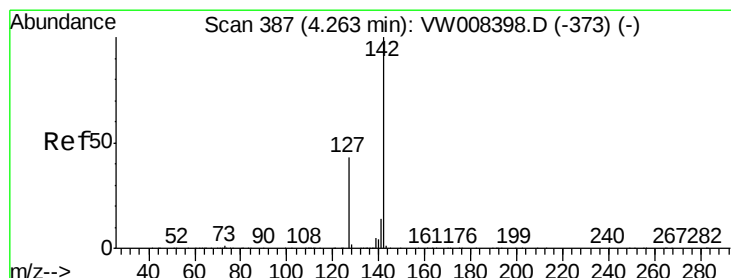
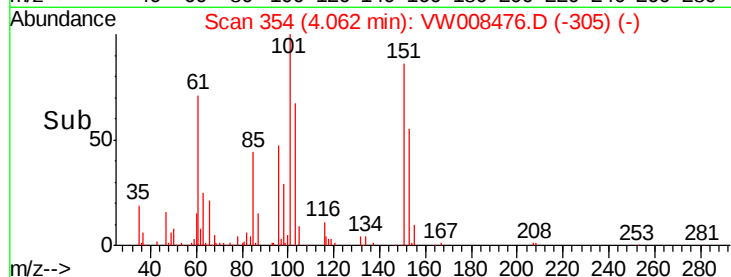
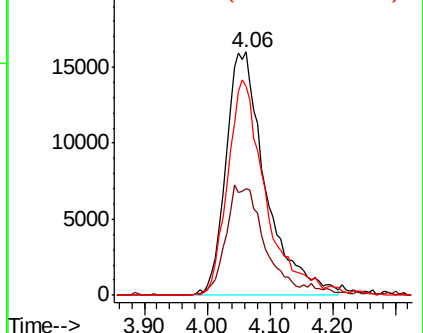
151 83.9 62.6 94.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.661 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

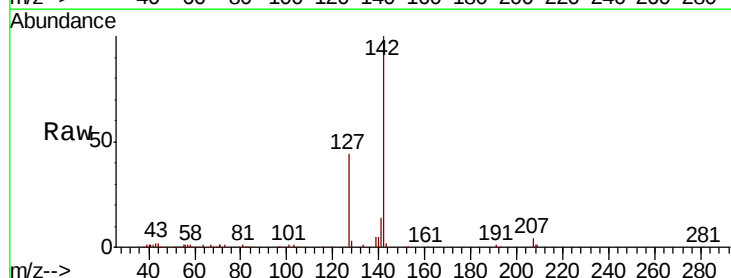
Tgt Ion:142 Resp: 114786

Ion Ratio Lower Upper

142 100

127 42.4 34.6 52.0

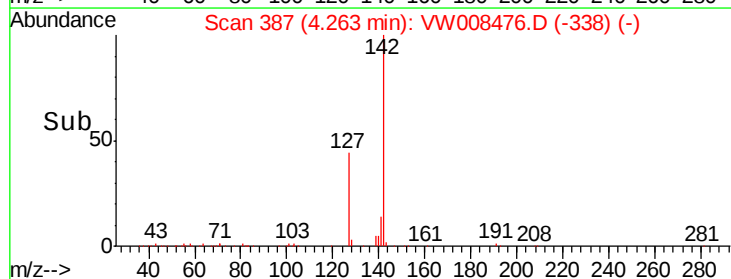
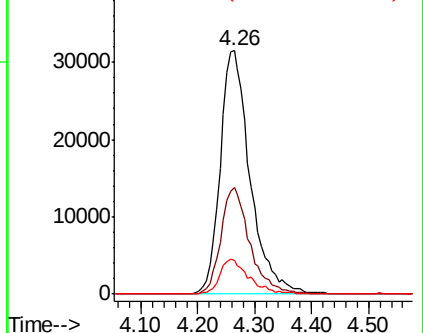
141 14.2 11.4 17.2

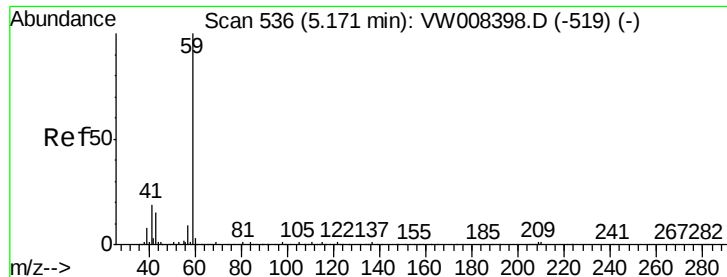


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

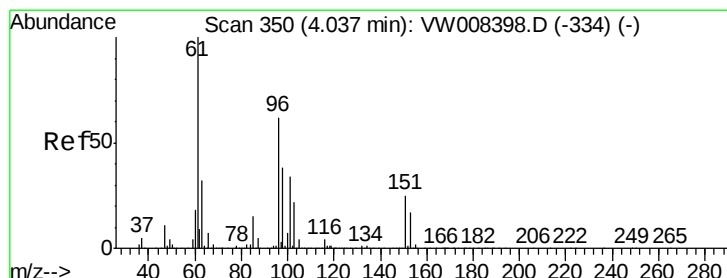
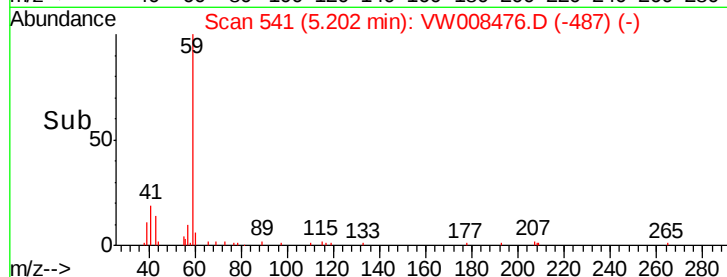
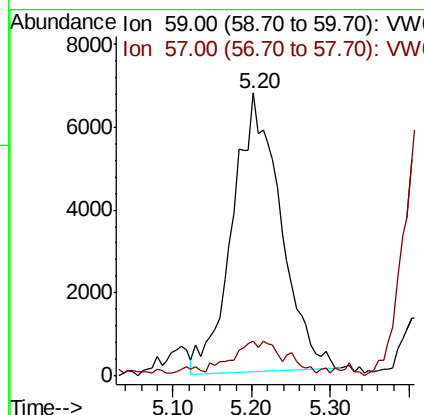
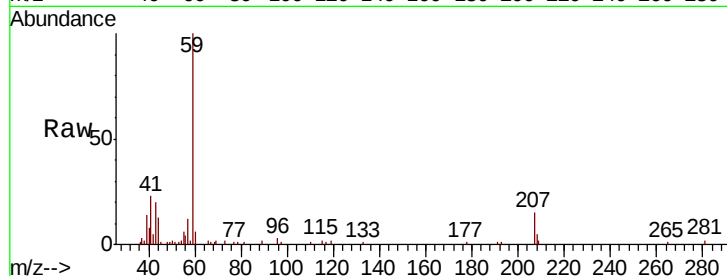




#11
Tert butyl alcohol
Concen: 83.100 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.03 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

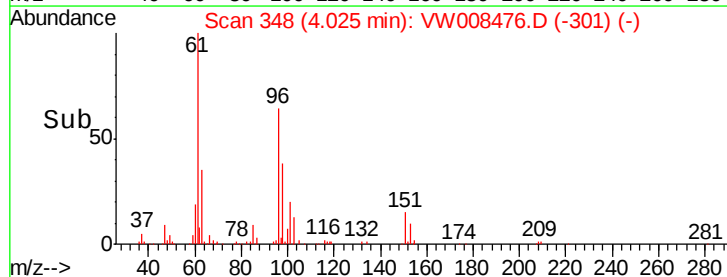
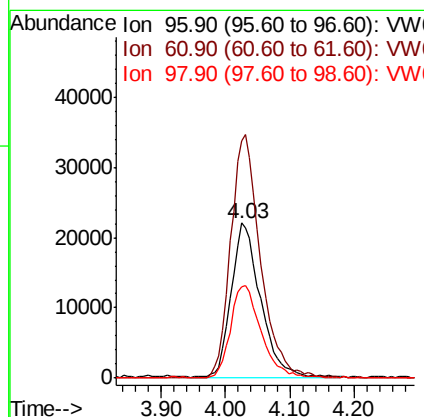
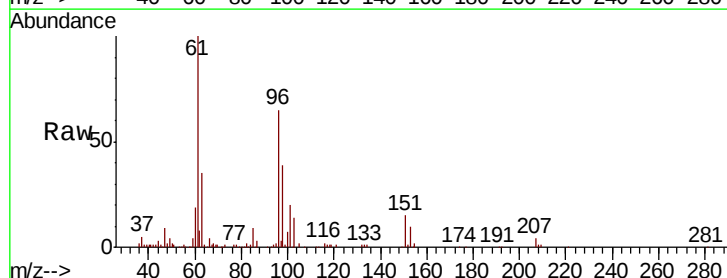
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

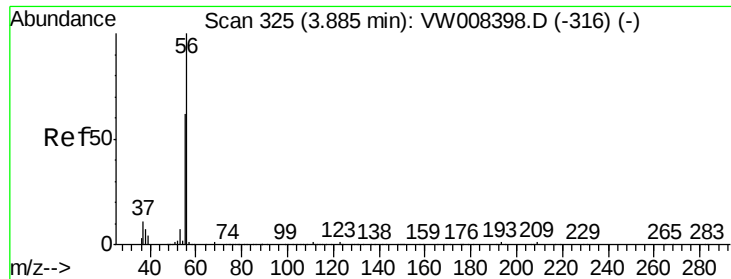
Tgt Ion: 59 Resp: 28300
Ion Ratio Lower Upper
59 100
57 5.6 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 17.670 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 96 Resp: 69640
Ion Ratio Lower Upper
96 100
61 154.4 129.5 194.3
98 59.4 48.6 73.0





#13

Acrolein

Concen: 102.997 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

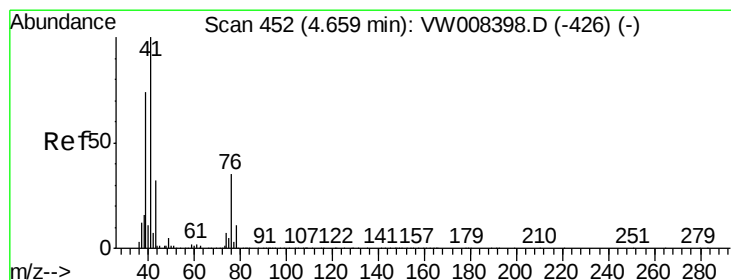
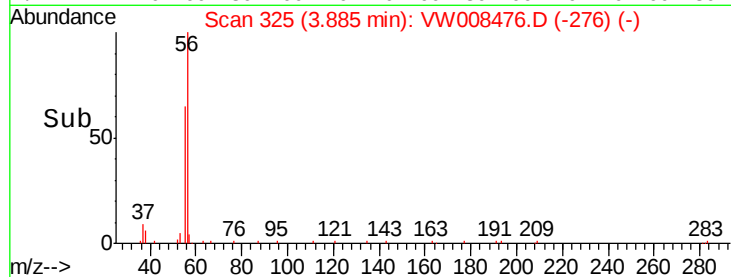
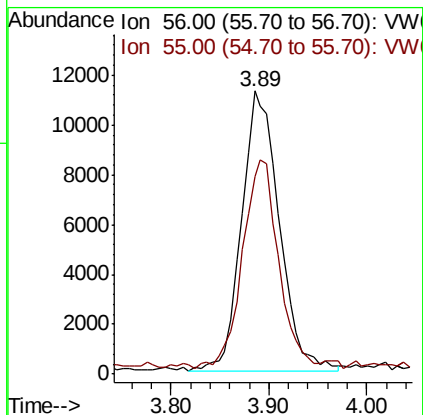
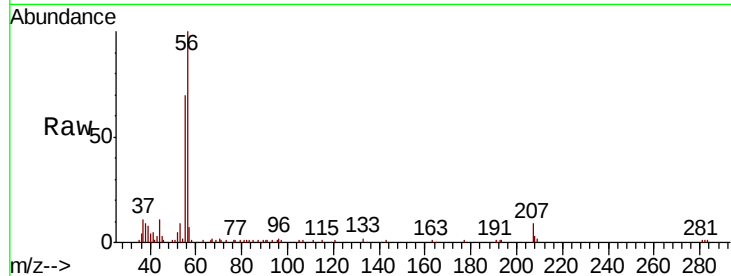
VW0201SBSD01

Tgt Ion: 56 Resp: 30195

Ion Ratio Lower Upper

56 100

55 71.7 56.7 85.1



#14

Allyl chloride

Concen: 15.991 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

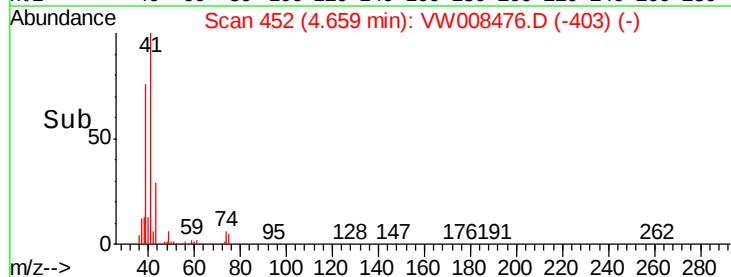
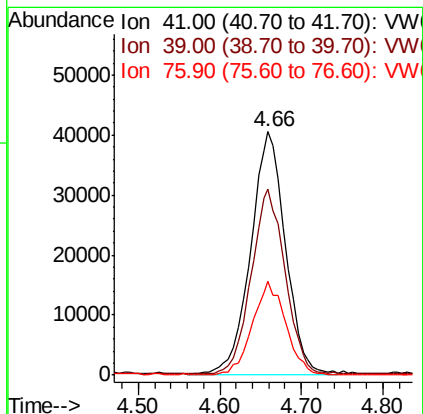
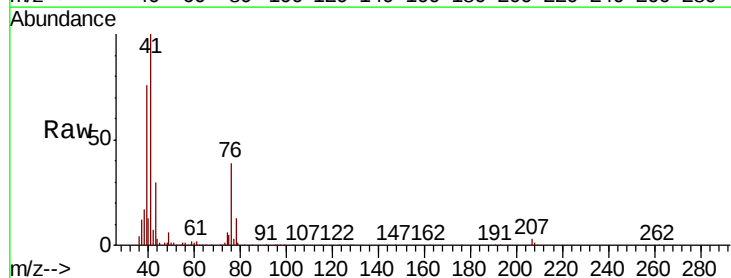
Tgt Ion: 41 Resp: 119669

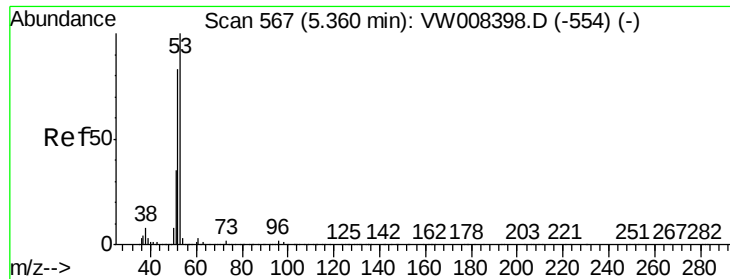
Ion Ratio Lower Upper

41 100

39 74.2 57.7 86.5

76 37.3 26.9 40.3





#15

Acrylonitrile

Concen: 88.496 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

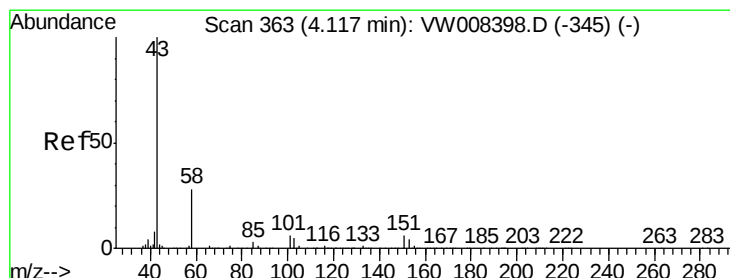
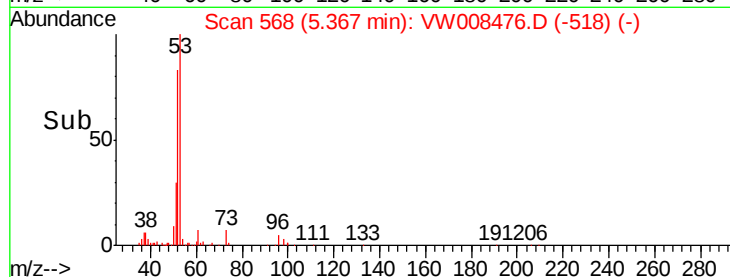
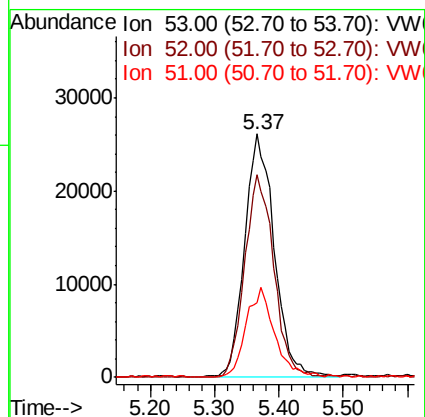
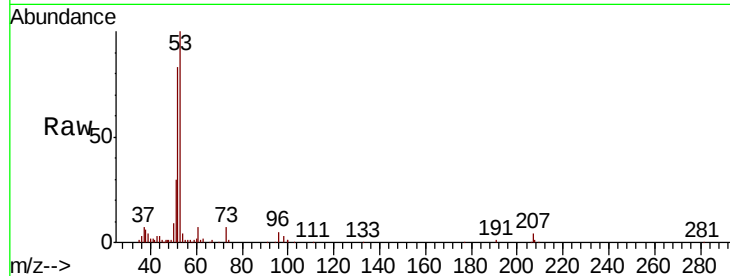
Tgt Ion: 53 Resp: 82052

Ion Ratio Lower Upper

53 100

52 82.0 67.0 100.4

51 35.8 29.8 44.8



#16

Acetone

Concen: 86.880 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008476.D

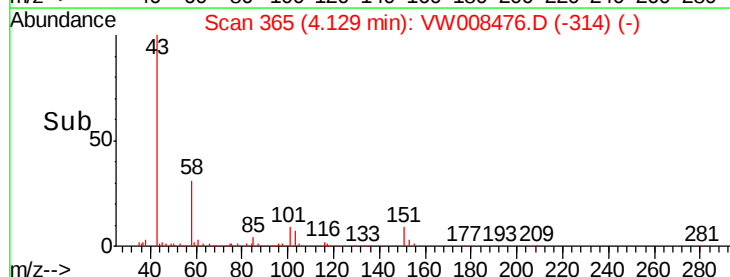
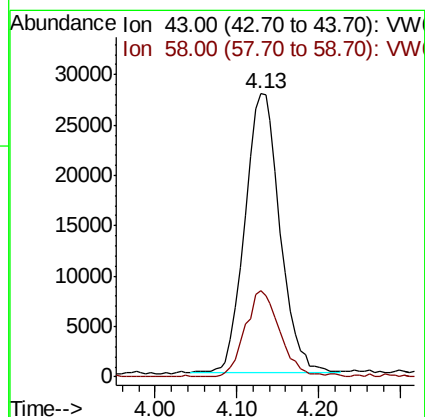
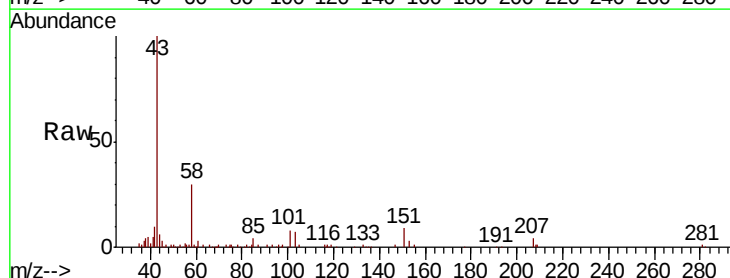
Acq: 01 Feb 2019 12:45

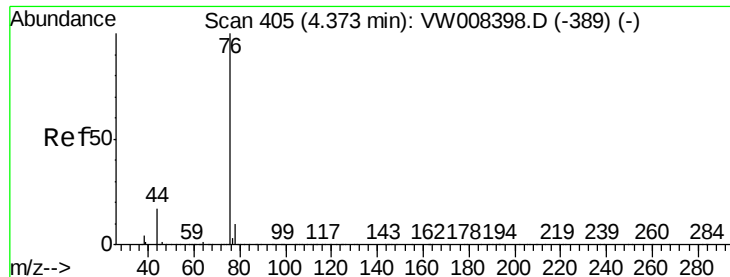
Tgt Ion: 43 Resp: 82525

Ion Ratio Lower Upper

43 100

58 30.4 22.6 34.0

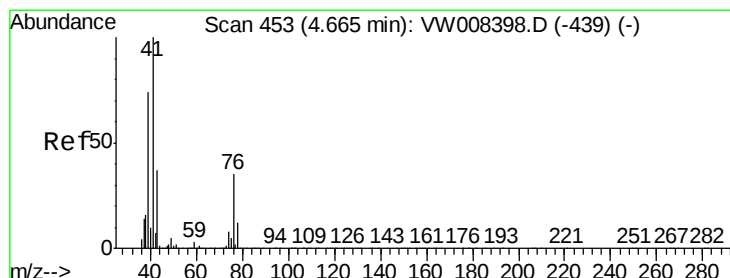
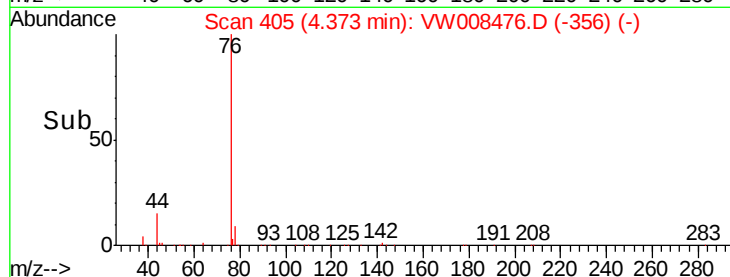
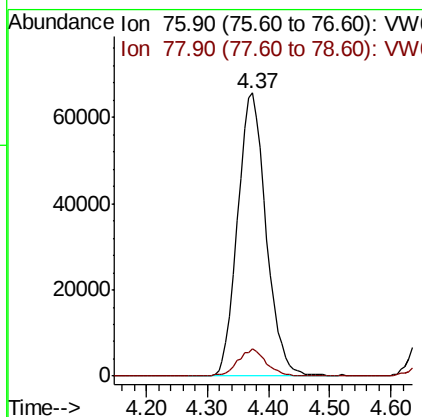
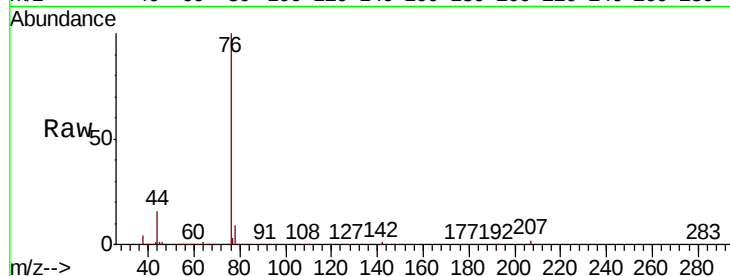




#17
Carbon Disulfide
Concen: 16.754 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

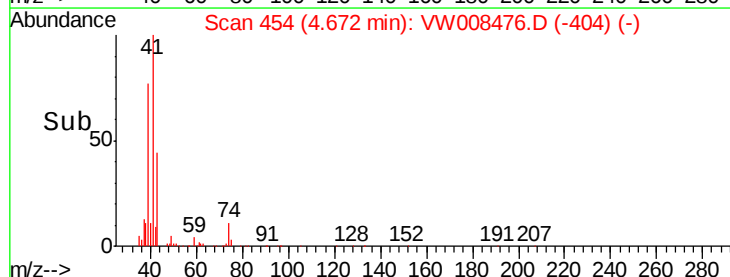
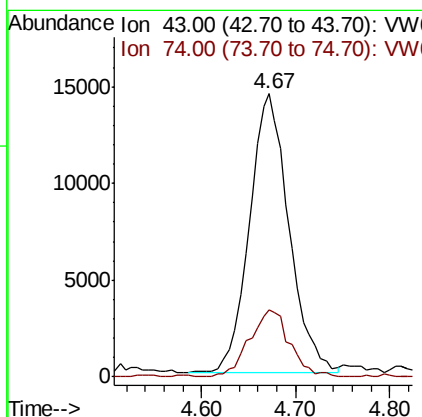
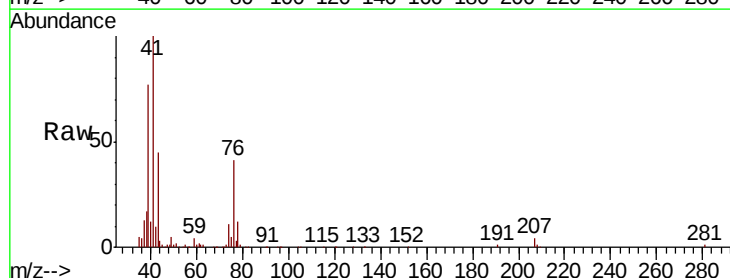
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

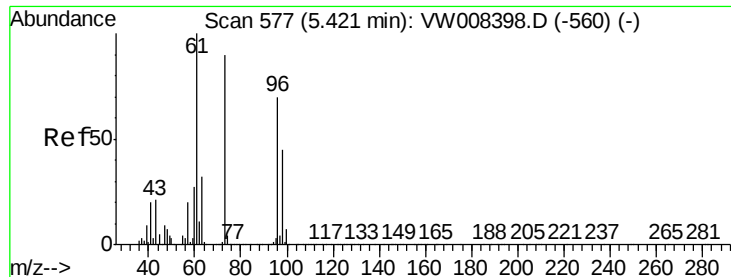
Tgt Ion: 76 Resp: 210883
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 16.764 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 43 Resp: 42472
Ion Ratio Lower Upper
43 100
74 24.4 17.5 26.3



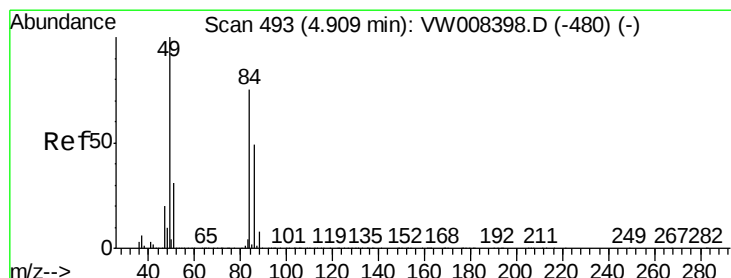
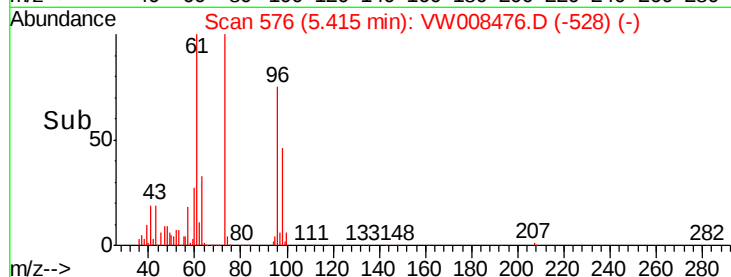
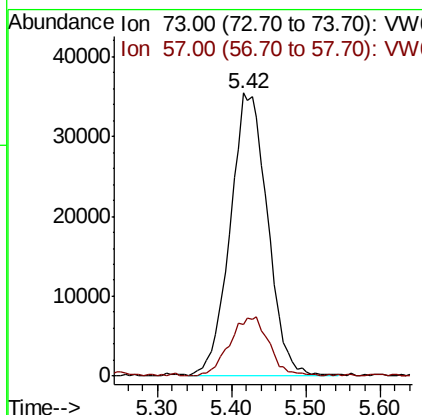
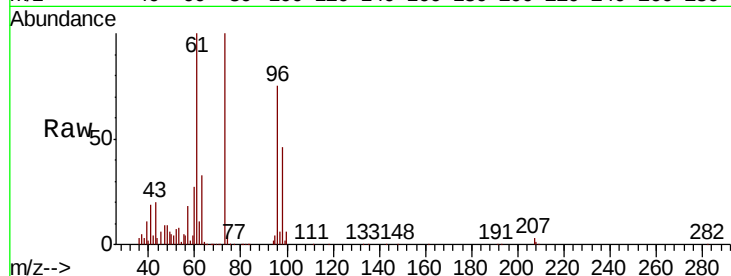


#19

Methyl tert-butyl Ether
 Concen: 18.870 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBSD01

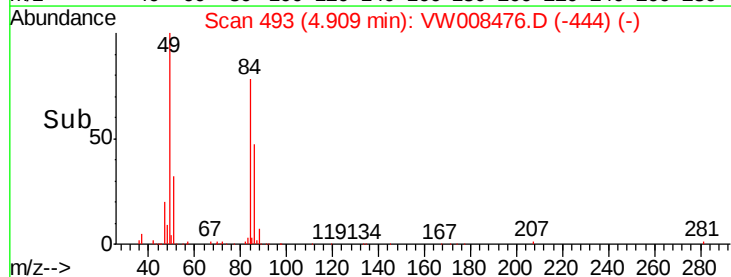
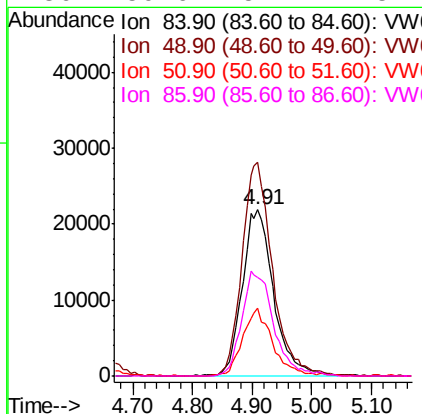
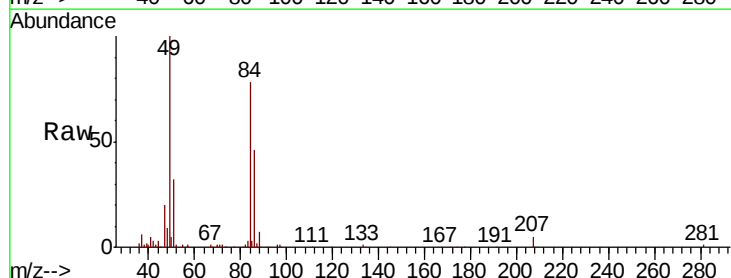
Tgt Ion: 73 Resp: 123040
 Ion Ratio Lower Upper
 73 100
 57 18.3 18.0 27.0

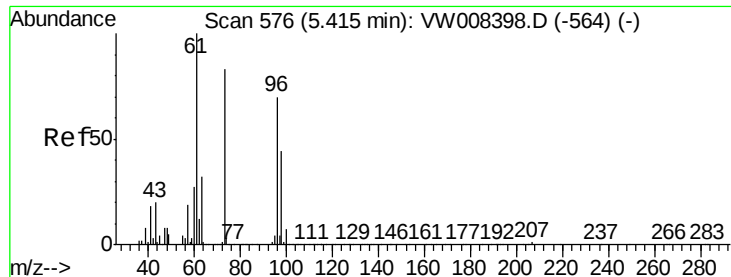


#20

Methylene Chloride
 Concen: 18.324 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Tgt Ion: 84 Resp: 80223
 Ion Ratio Lower Upper
 84 100
 49 128.5 106.8 160.2
 51 41.0 32.9 49.3
 86 59.6 52.2 78.2

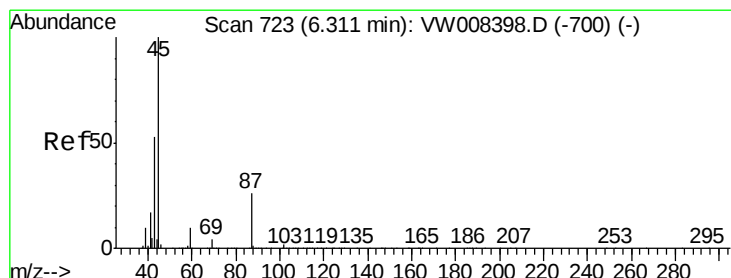
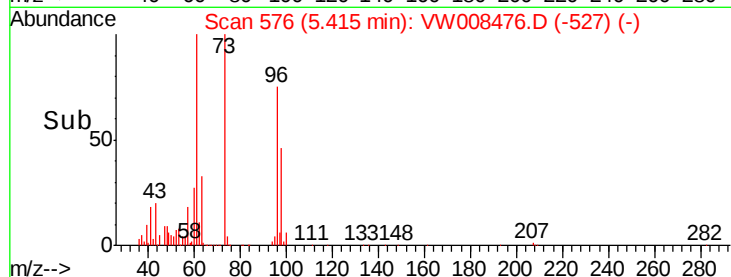
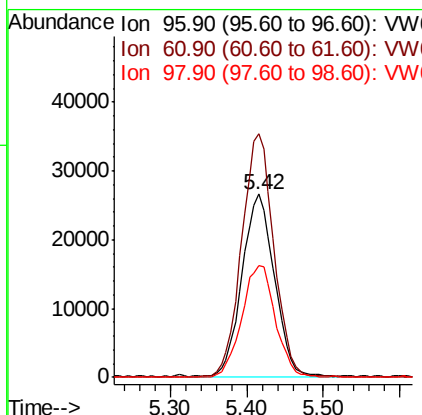
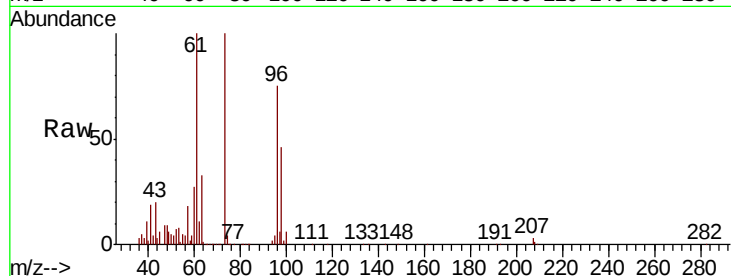




#21
trans-1,2-Dichloroethene
Concen: 17.638 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

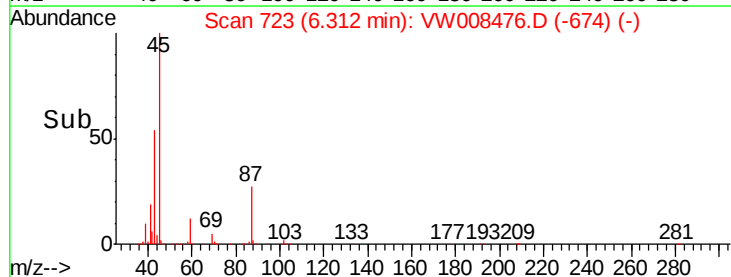
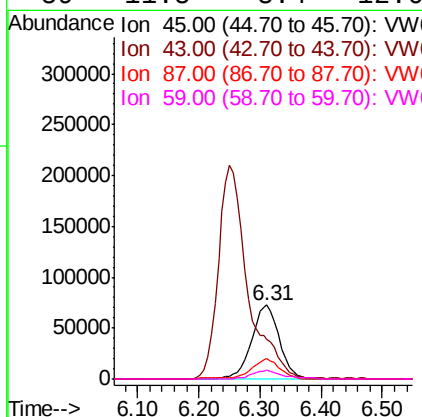
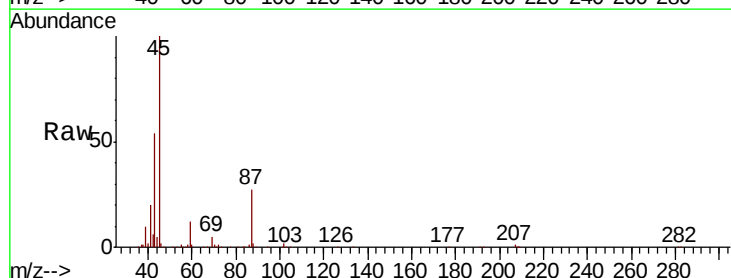
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

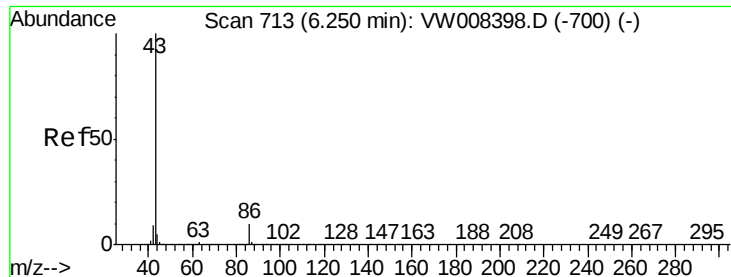
Tgt Ion: 96 Resp: 78147
Ion Ratio Lower Upper
96 100
61 133.3 114.4 171.6
98 61.2 50.6 75.8



#22
Diisopropyl ether
Concen: 16.312 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 45 Resp: 231362
Ion Ratio Lower Upper
45 100
43 53.7 42.6 63.8
87 27.3 20.3 30.5
59 11.5 8.4 12.6





#23

Vinyl Acetate

Concen: 84.006 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

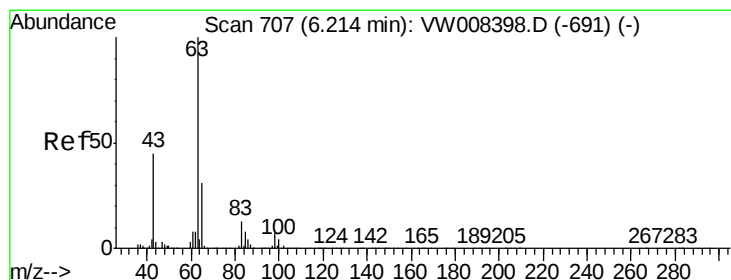
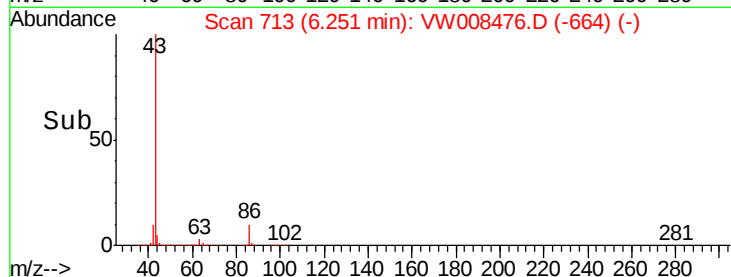
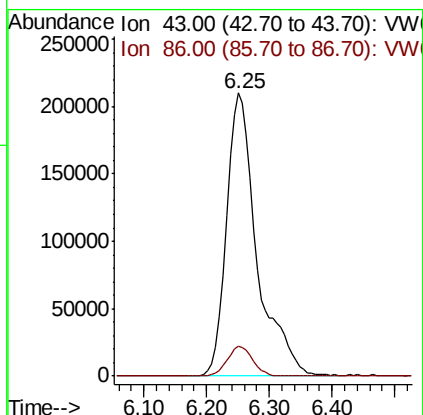
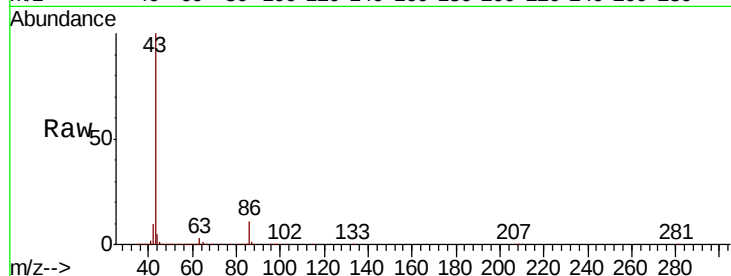
VW0201SBSD01

Tgt Ion: 43 Resp: 703538

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8



#24

1,1-Dichloroethane

Concen: 16.746 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

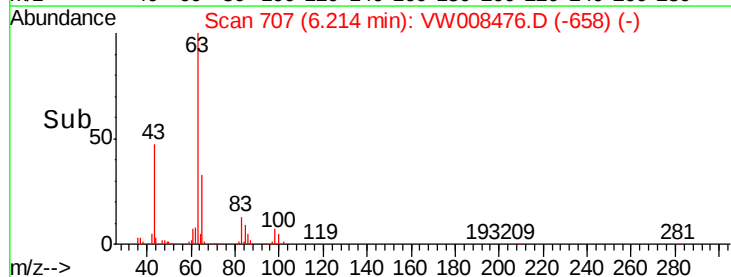
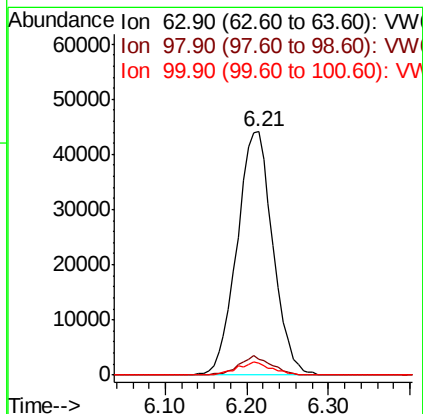
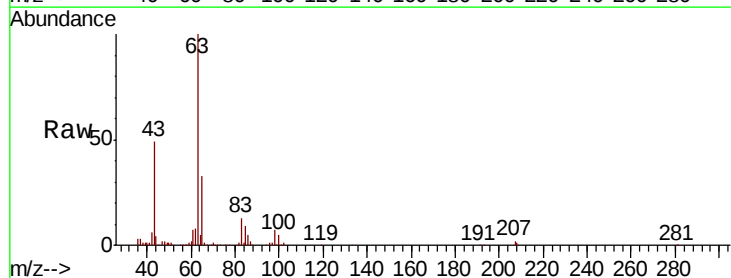
Tgt Ion: 63 Resp: 134445

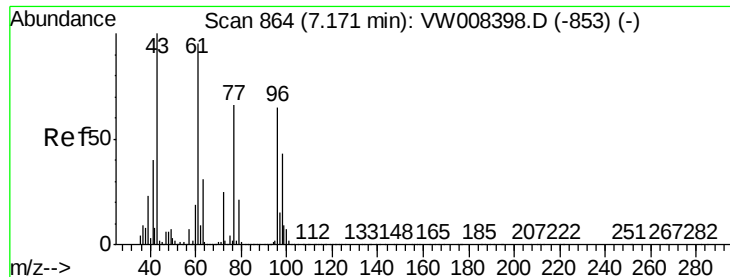
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.8 2.1 6.2





#25

2-Butanone

Concen: 88.963 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

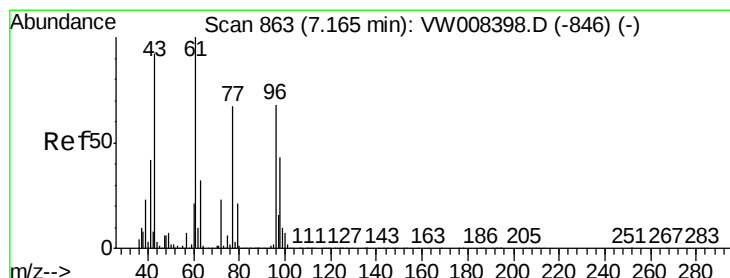
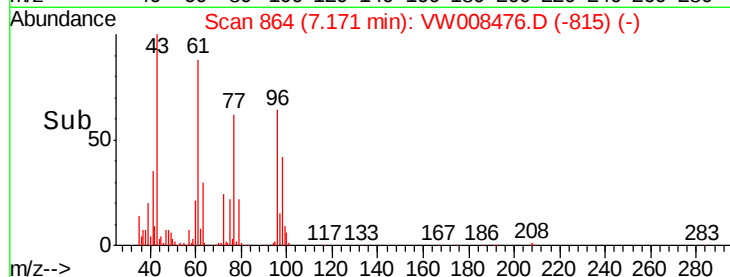
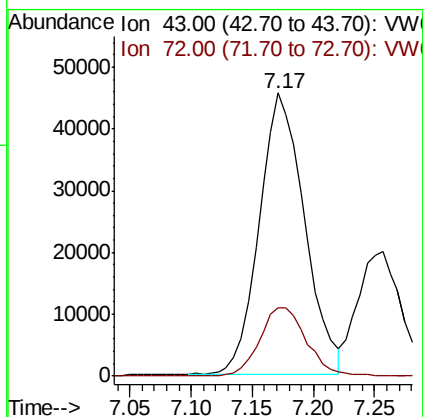
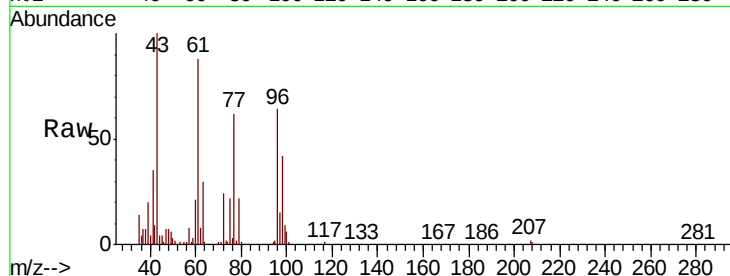
VW0201SBSD01

Tgt Ion: 43 Resp: 117375

Ion Ratio Lower Upper

43 100

72 24.2 20.1 30.1



#26

2,2-Dichloropropane

Concen: 17.683 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008476.D

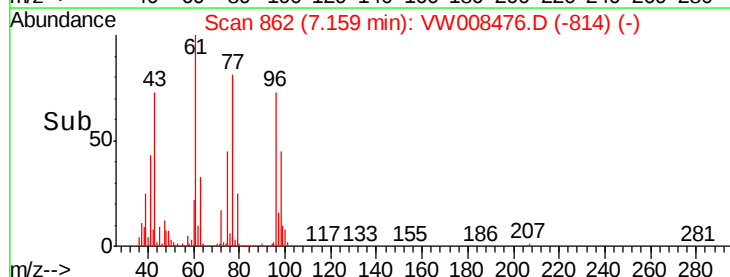
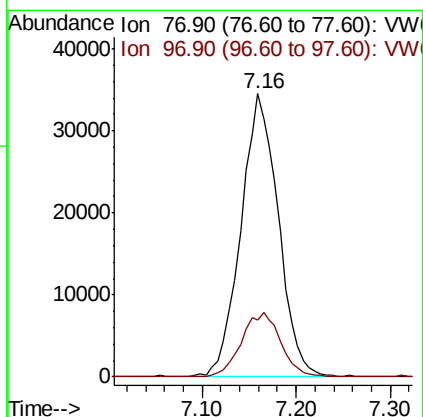
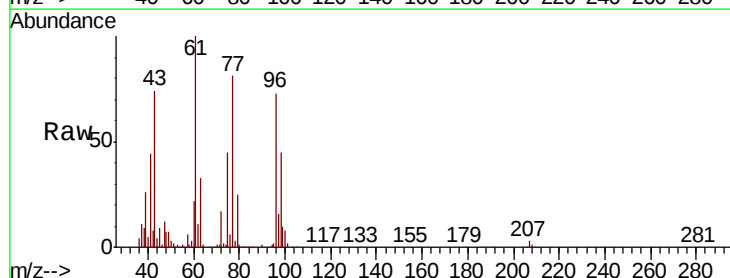
Acq: 01 Feb 2019 12:45

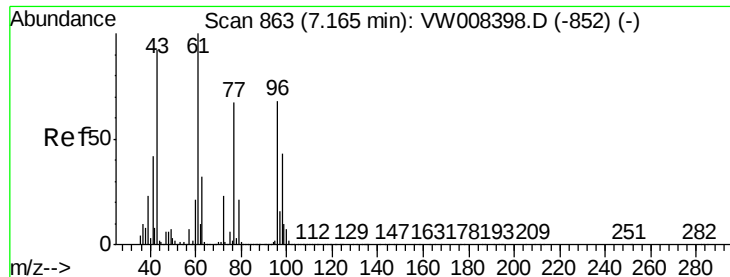
Tgt Ion: 77 Resp: 95959

Ion Ratio Lower Upper

77 100

97 23.8 11.5 34.5



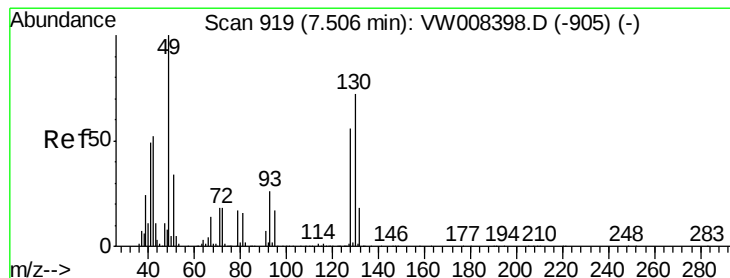
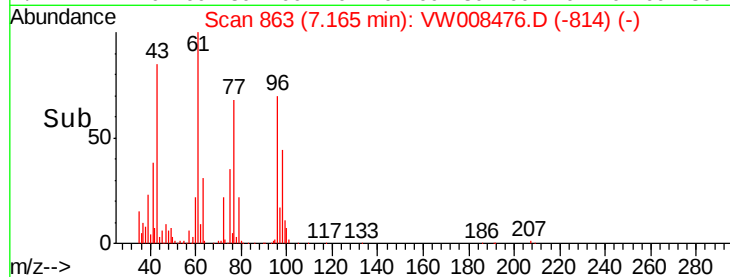
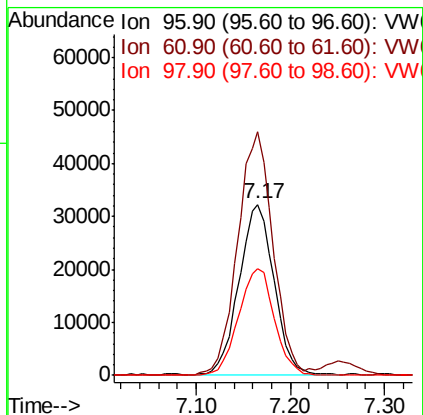
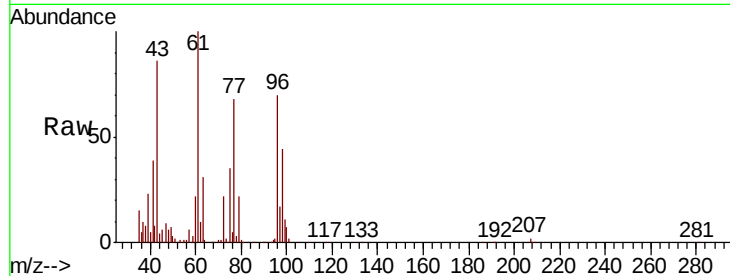


#27

cis-1,2-Dichloroethene
Concen: 17.517 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

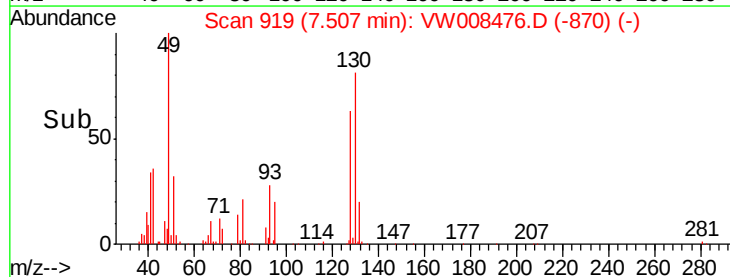
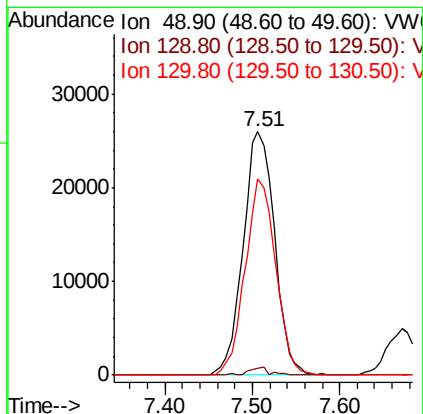
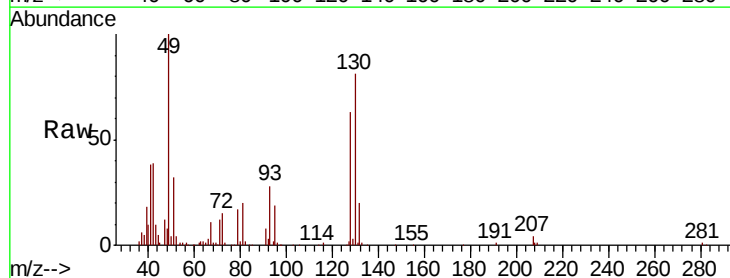
Tgt Ion: 96 Resp: 84585
Ion Ratio Lower Upper
96 100
61 143.0 0.0 292.8
98 63.5 0.0 129.2

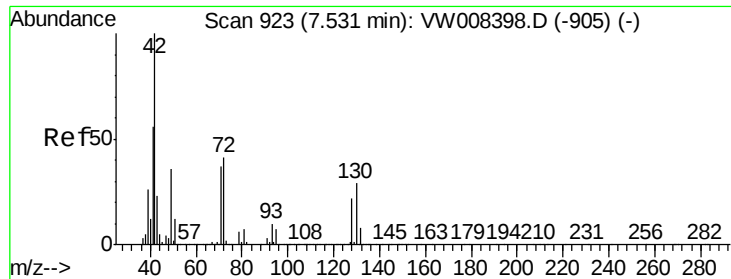


#28

Bromochloromethane
Concen: 17.623 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 49 Resp: 64984
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 78.3 58.6 87.8

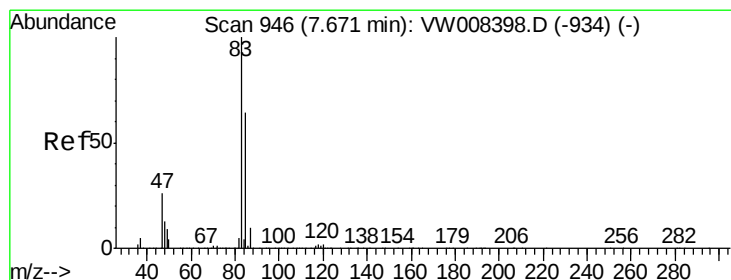
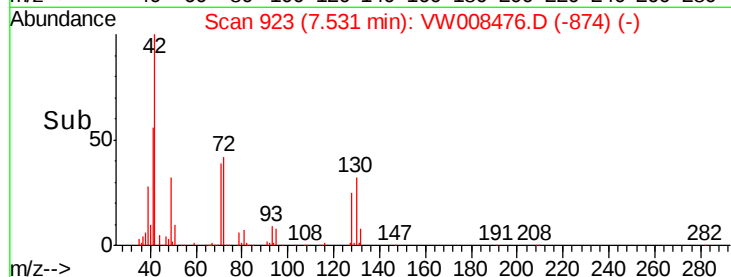
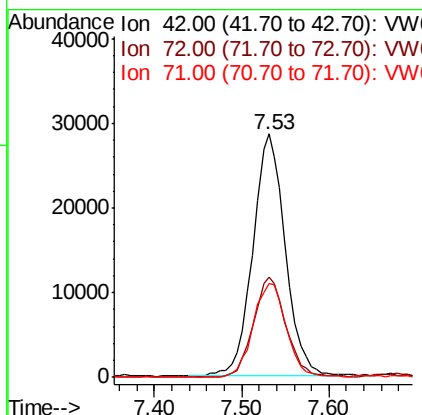
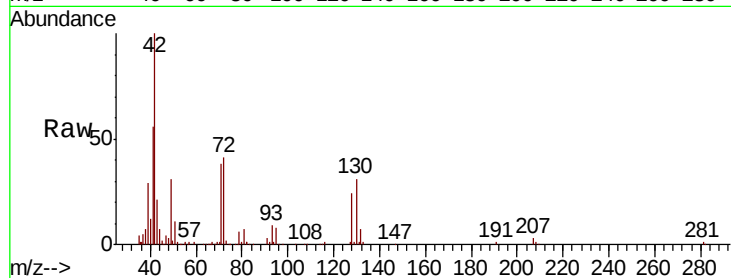




#29
Tetrahydrofuran
Concen: 88.070 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

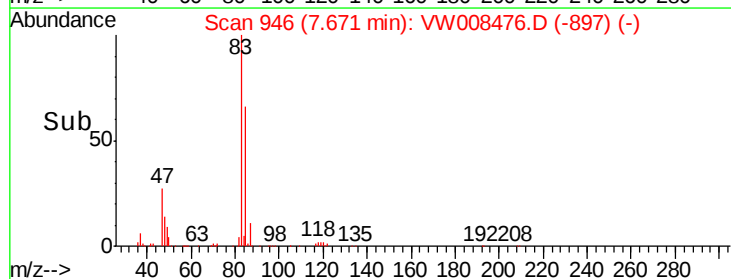
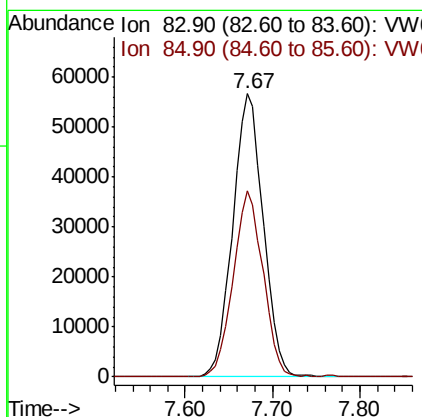
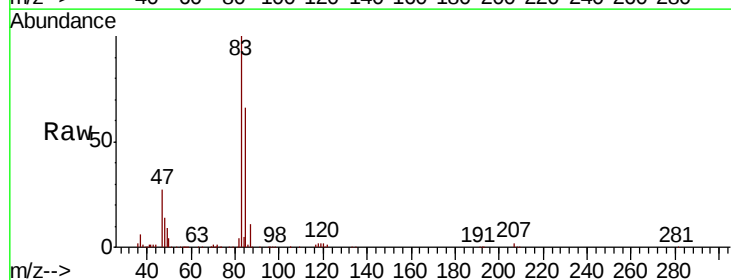
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

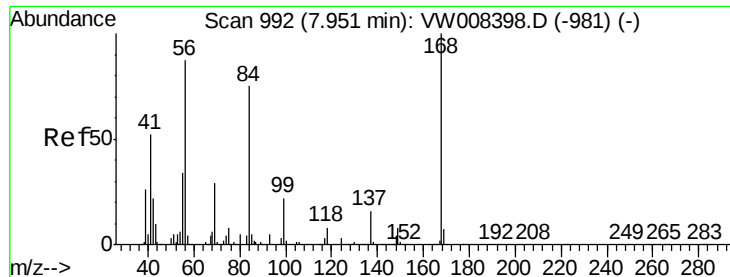
Tgt Ion: 42 Resp: 73634
Ion Ratio Lower Upper
42 100
72 41.5 31.9 47.9
71 40.1 29.9 44.9



#30
Chloroform
Concen: 17.404 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 83 Resp: 137430
Ion Ratio Lower Upper
83 100
85 65.9 50.9 76.3

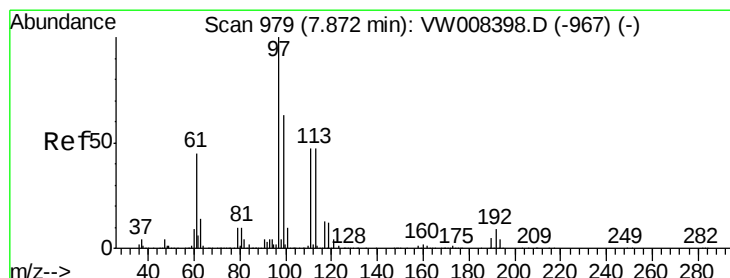
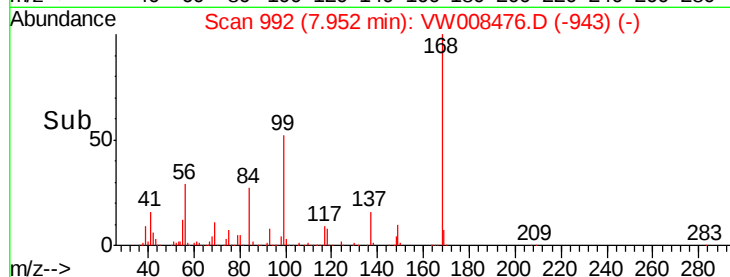
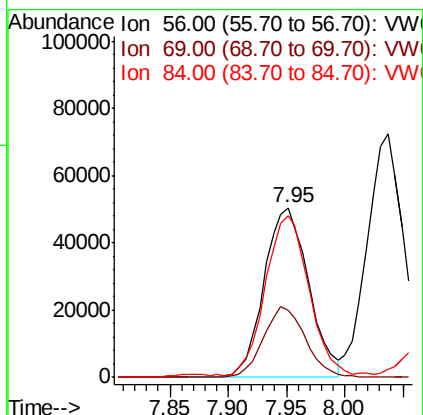
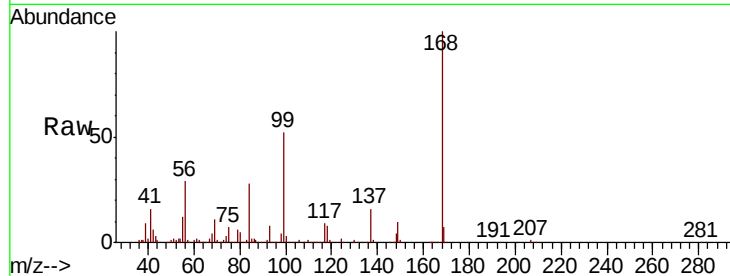




#31
Cyclohexane
Concen: 16.105 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

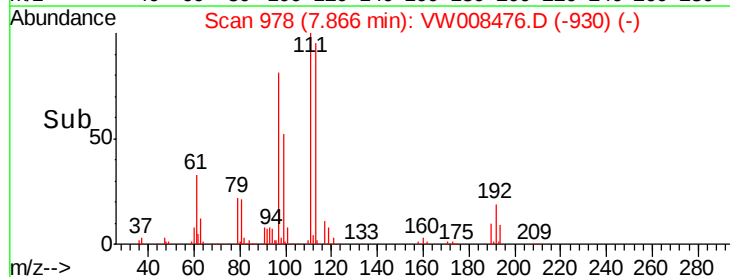
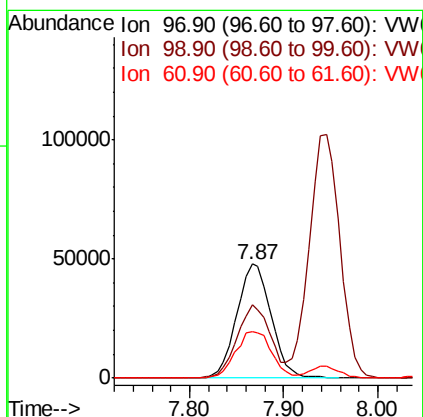
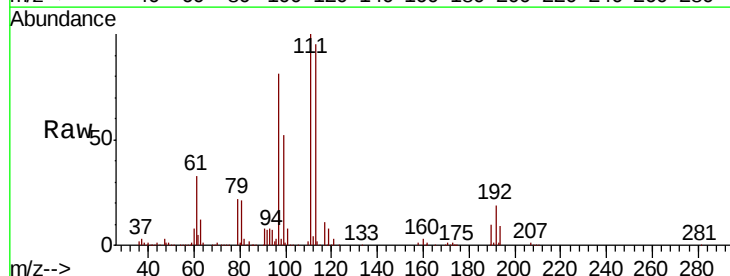
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

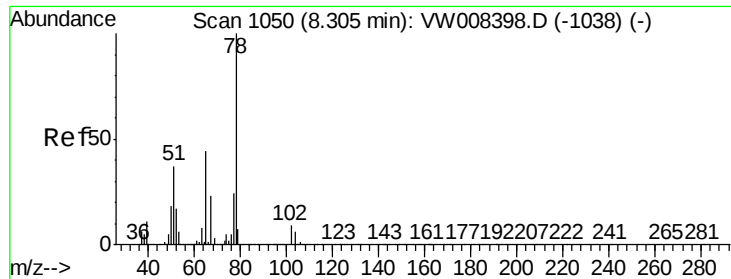
Tgt Ion: 56 Resp: 133694
Ion Ratio Lower Upper
56 100
69 39.3 26.4 39.6
84 93.5 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 17.808 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 97 Resp: 121460
Ion Ratio Lower Upper
97 100
99 62.8 51.3 76.9
61 42.9 36.2 54.4

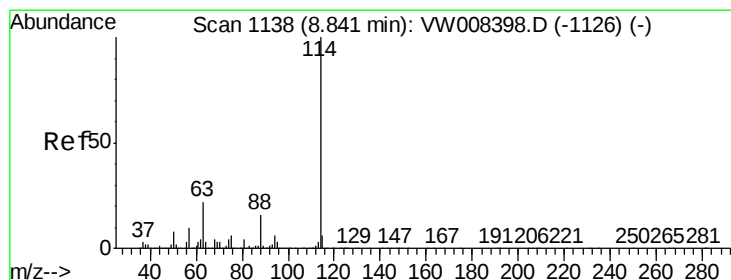
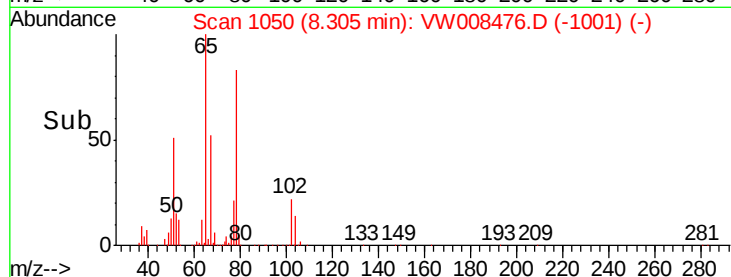
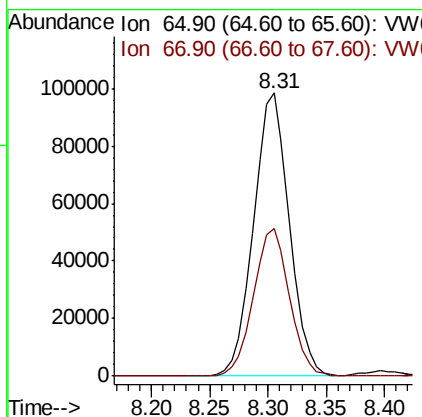
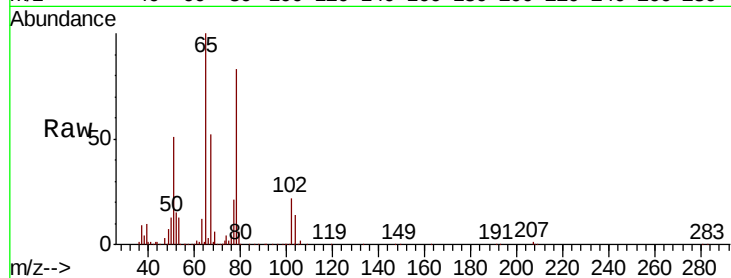




#33
 1,2-Dichloroethane-d4
 Concen: 49.765 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

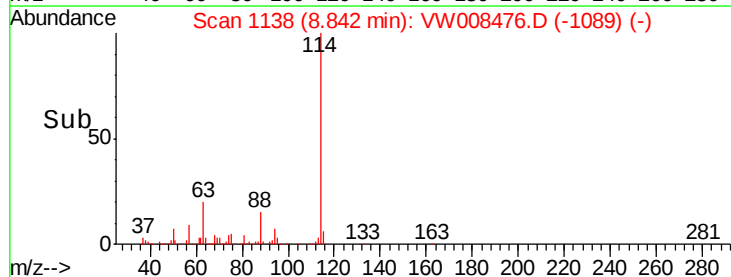
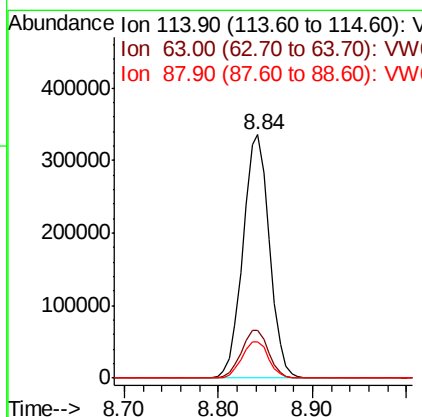
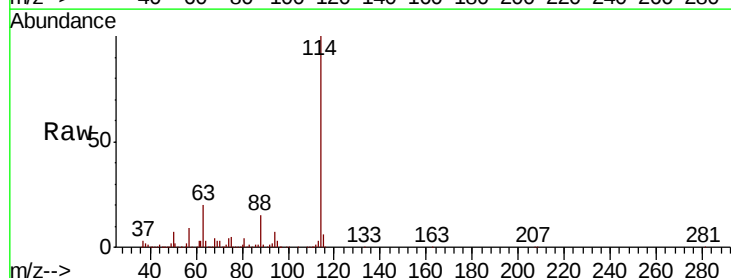
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBSD01

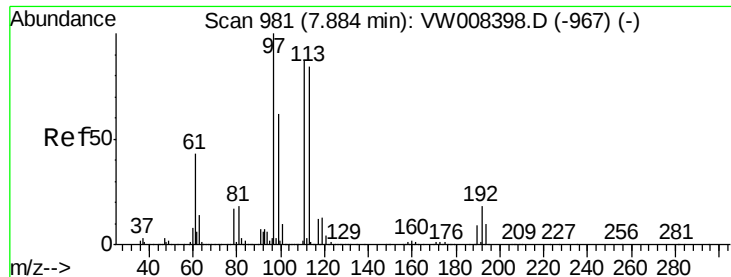
Tgt Ion: 65 Resp: 210501
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Tgt Ion: 114 Resp: 658660
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.6
 88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.623 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

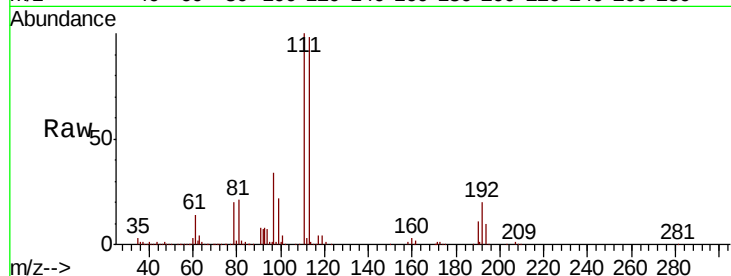
Tgt Ion:113 Resp: 206523

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.4

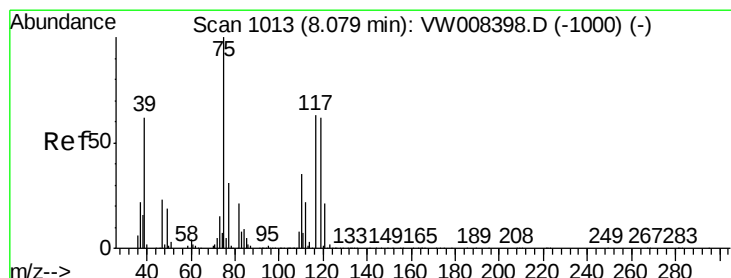
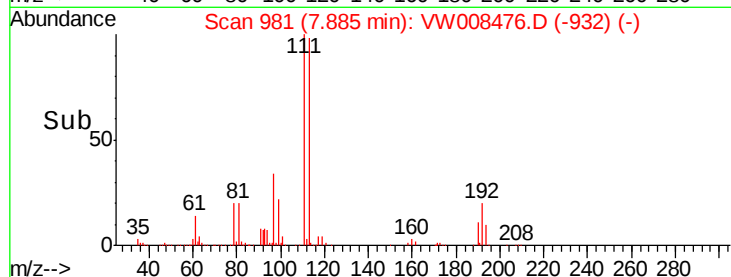
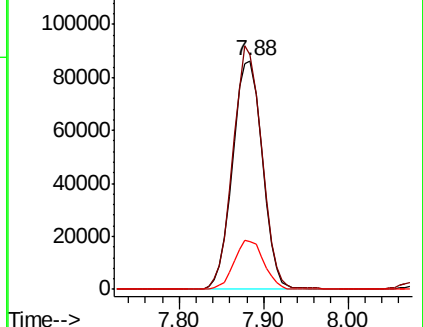
192 21.4 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.940 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

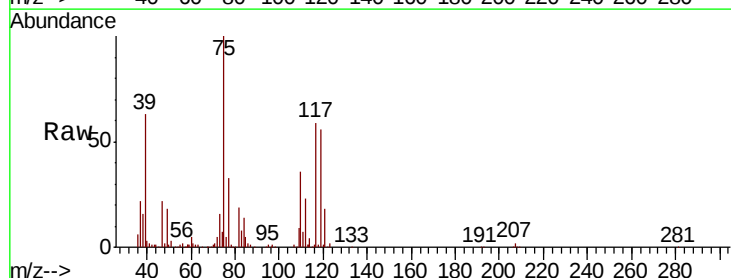
Tgt Ion: 75 Resp: 111620

Ion Ratio Lower Upper

75 100

110 35.4 17.3 52.0

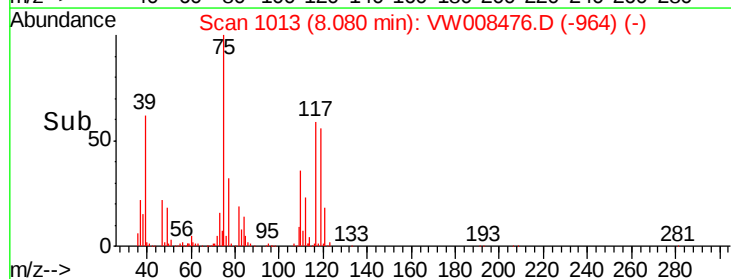
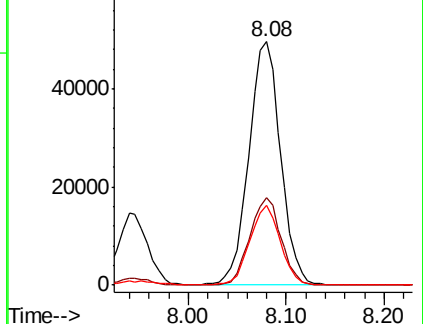
77 31.8 24.7 37.1

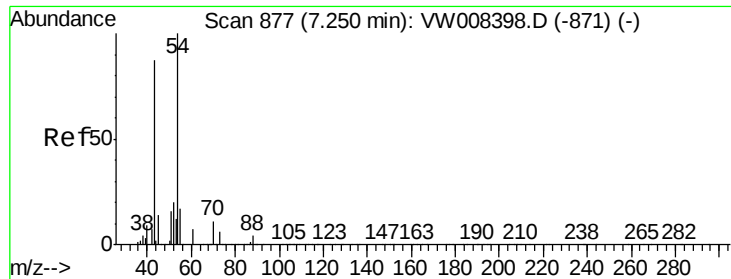


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

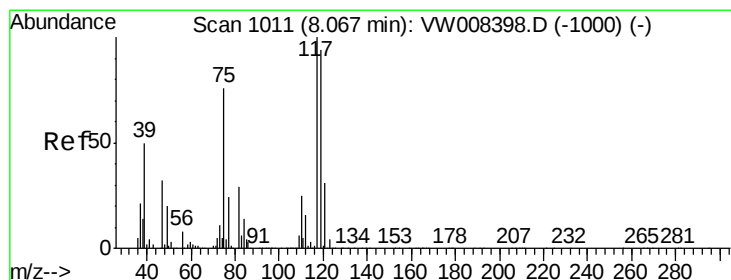
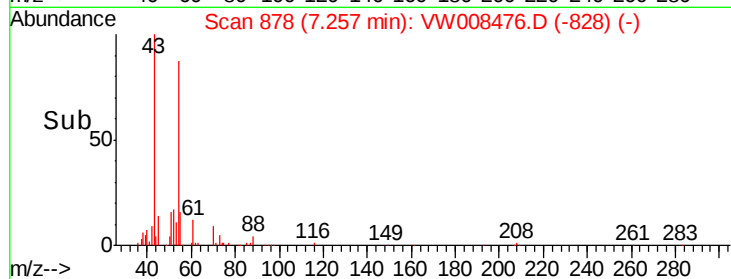
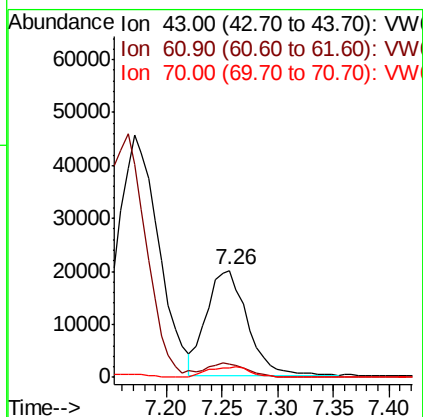
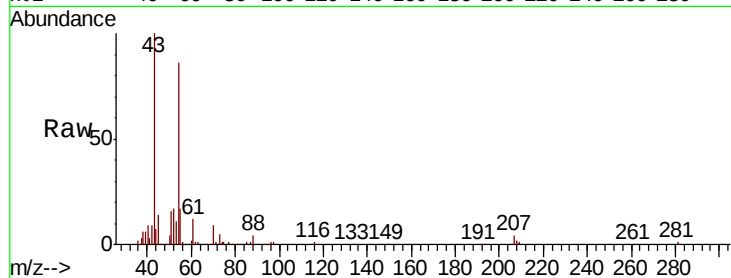




#37
Ethyl Acetate
Concen: 18.393 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

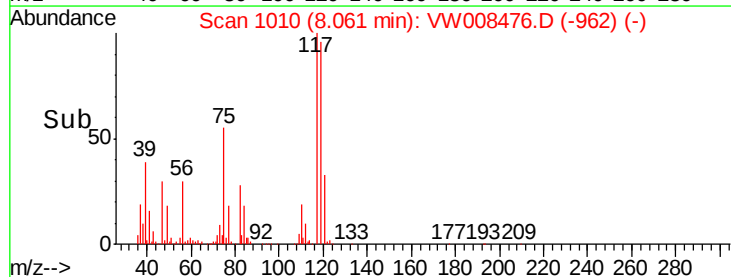
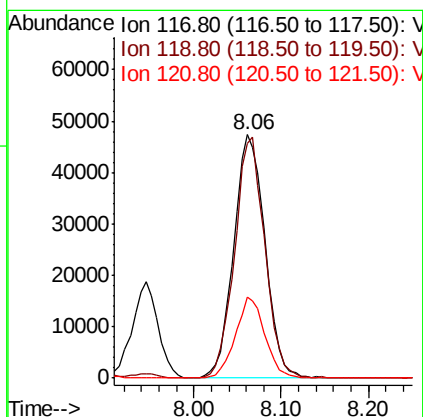
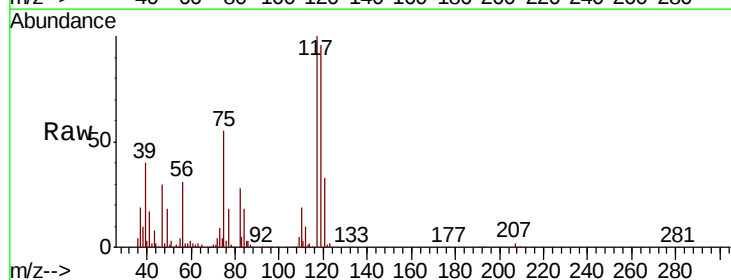
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

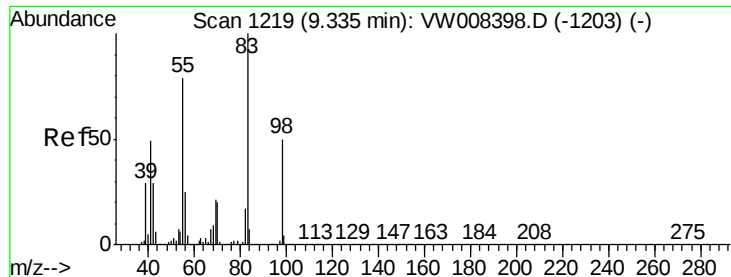
Tgt Ion: 43 Resp: 50630
Ion Ratio Lower Upper
43 100
61 13.4 10.1 15.1
70 9.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 18.777 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 117 Resp: 117561
Ion Ratio Lower Upper
117 100
119 96.3 75.0 112.4
121 33.1 24.9 37.3

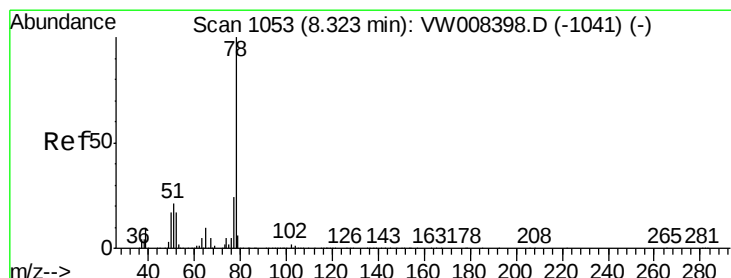
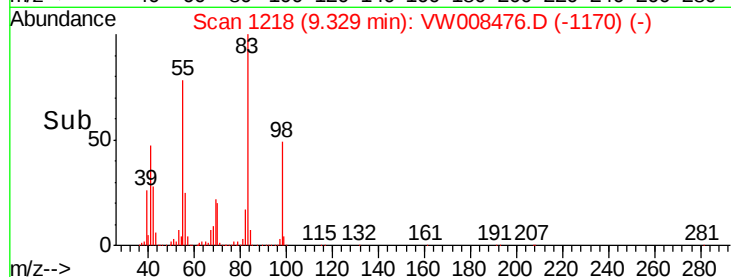
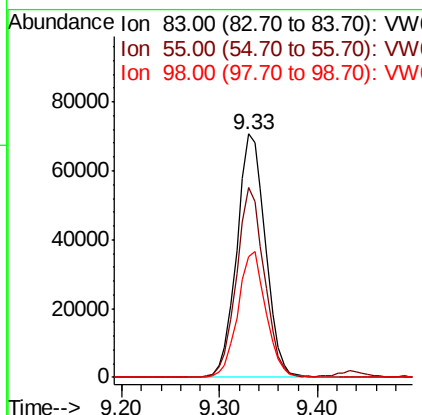
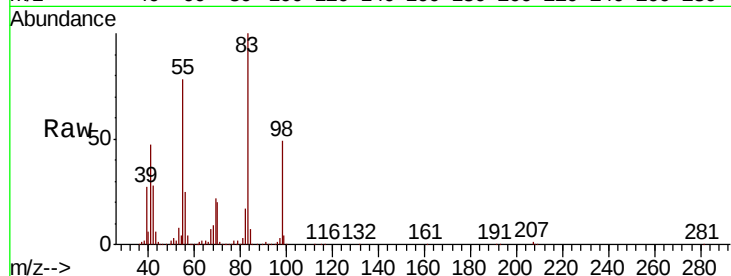




#39
Methylcyclohexane
Concen: 17.556 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

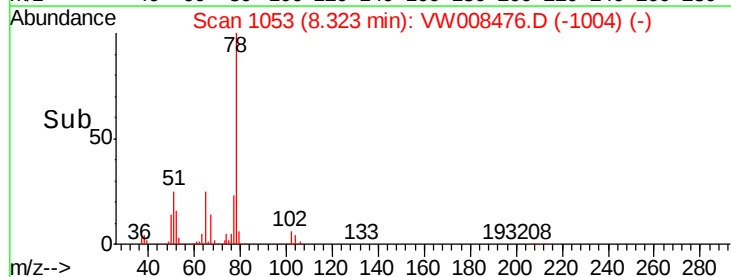
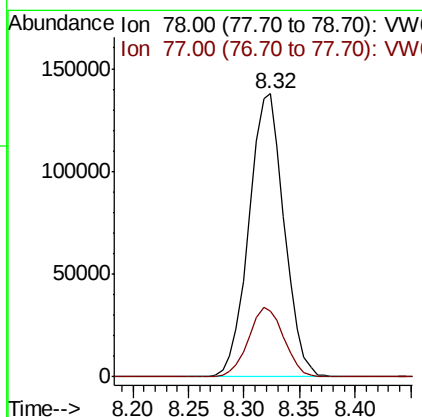
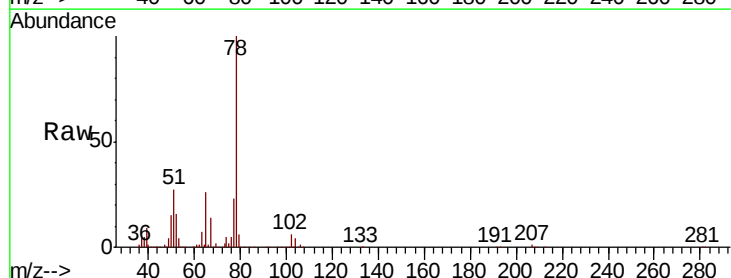
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

Tgt Ion: 83 Resp: 143490
Ion Ratio Lower Upper
83 100
55 78.1 63.3 94.9
98 49.3 39.7 59.5



#40
Benzene
Concen: 17.576 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 78 Resp: 303441
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

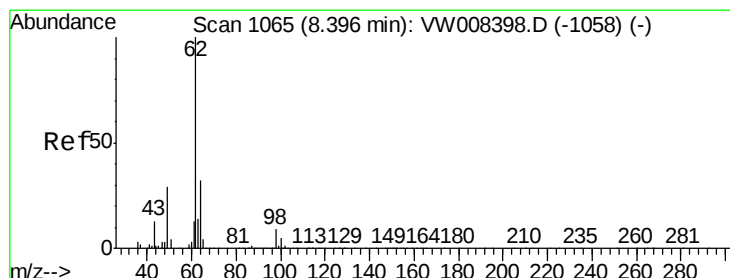
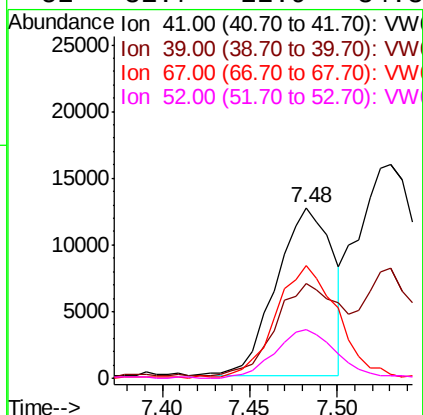
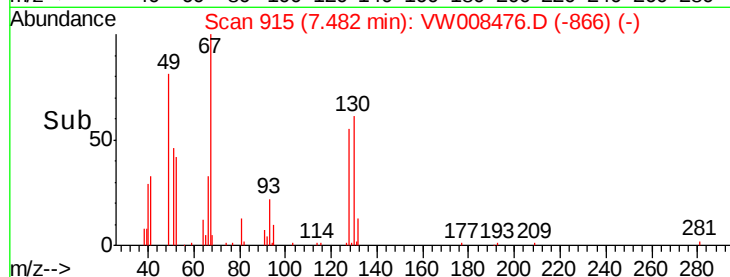
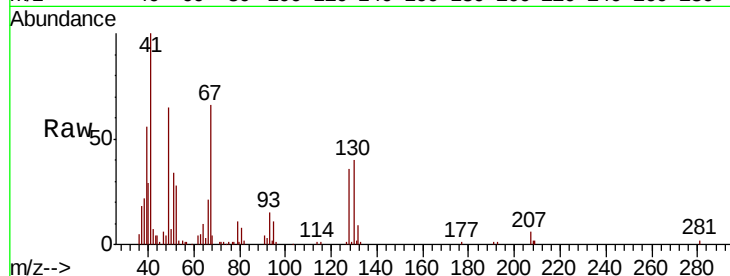




#41
Methacrylonitrile
Concen: 17.552 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

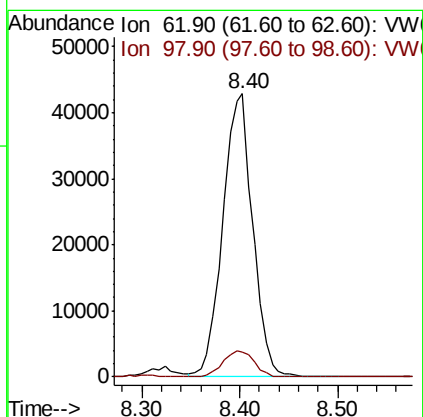
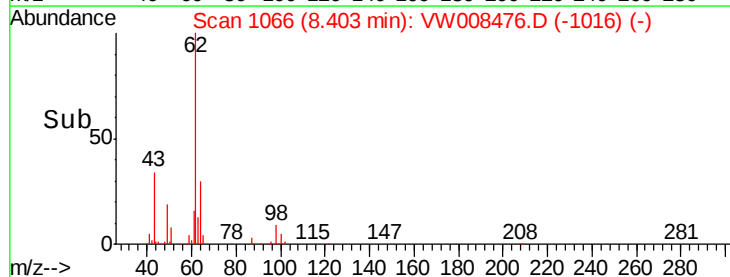
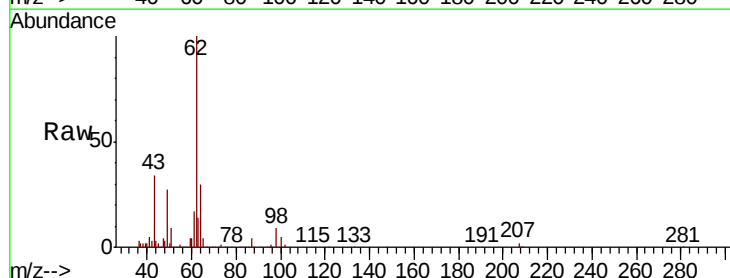
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

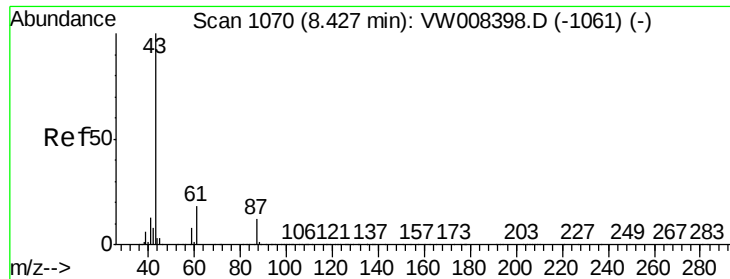
Tgt Ion:	41	Resp:	28608
Ion	Ratio	Lower	Upper
41	100		
39	62.0	43.4	65.0
67	73.7	54.2	81.2
52	31.7	22.9	34.3



#42
1,2-Dichloroethane
Concen: 18.161 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion:	62	Resp:	90866
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6





#43

Isopropyl Acetate

Concen: 18.048 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

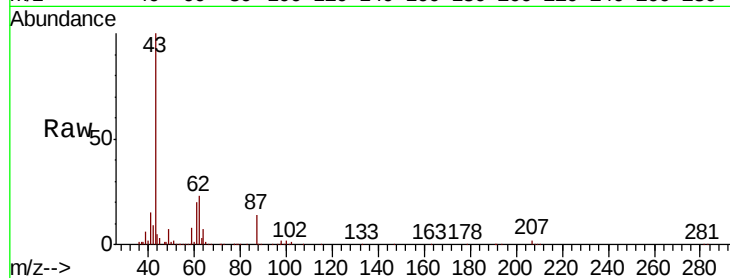
Tgt Ion: 43 Resp: 103210

Ion Ratio Lower Upper

43 100

61 27.6 22.0 33.0

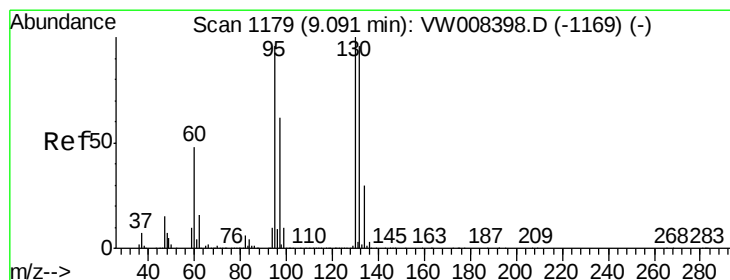
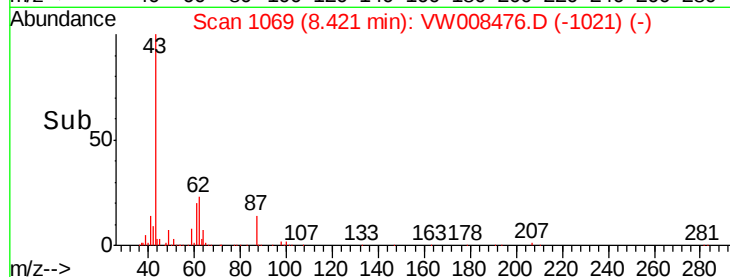
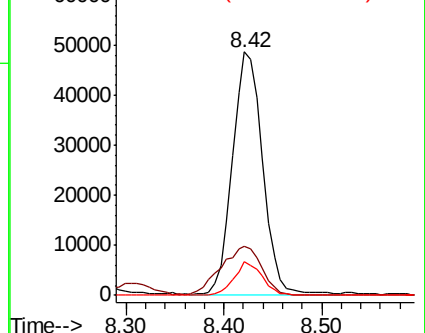
87 12.9 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 18.378 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008476.D

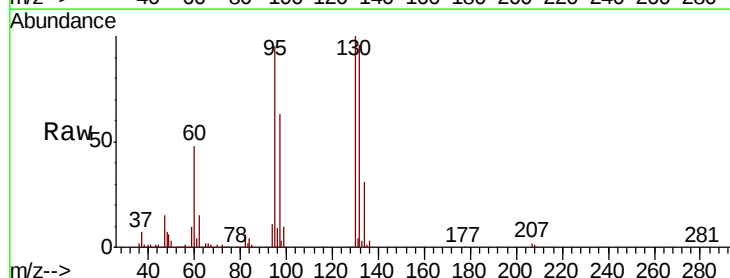
Acq: 01 Feb 2019 12:45

Tgt Ion: 130 Resp: 86281

Ion Ratio Lower Upper

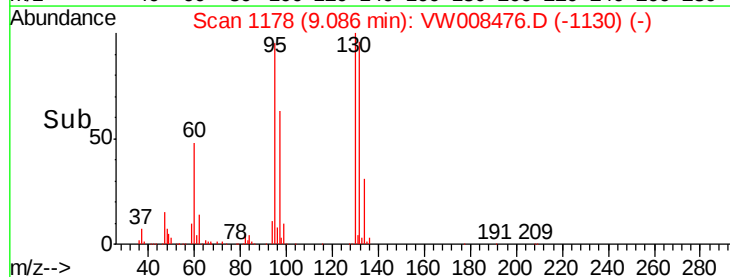
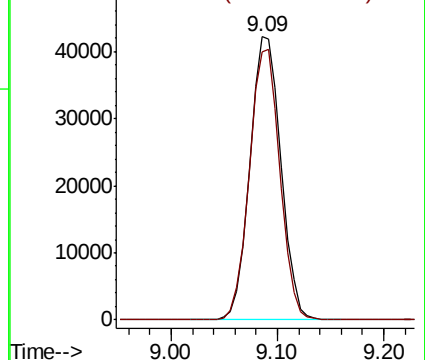
130 100

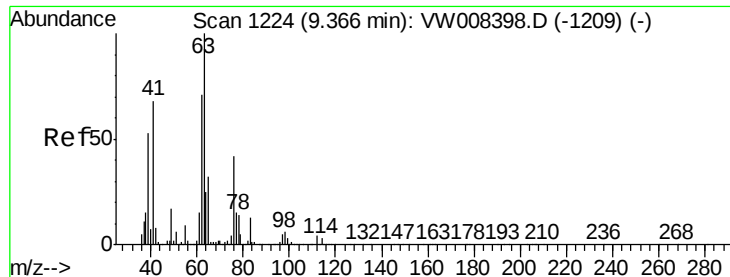
95 94.9 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

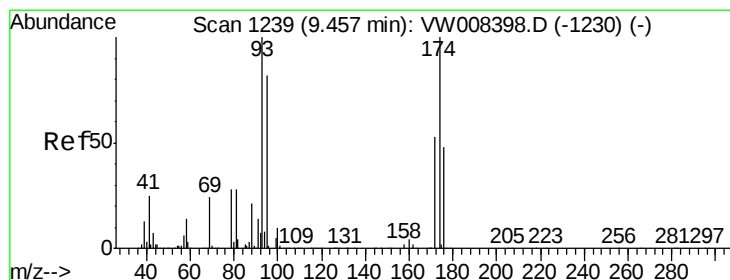
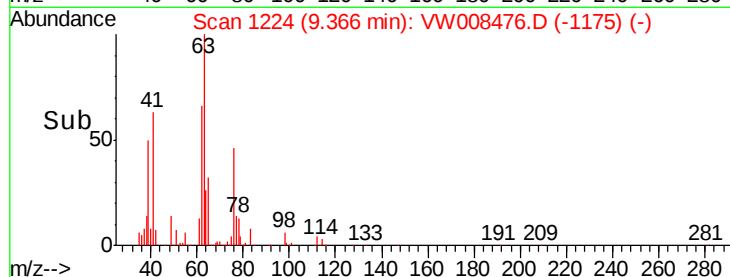
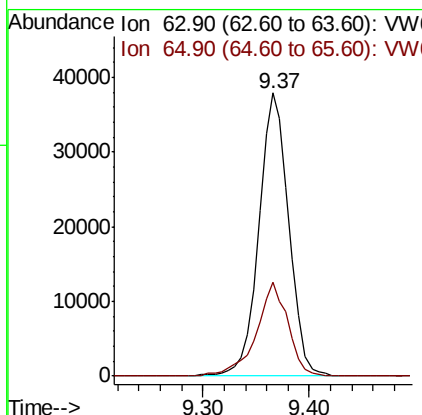
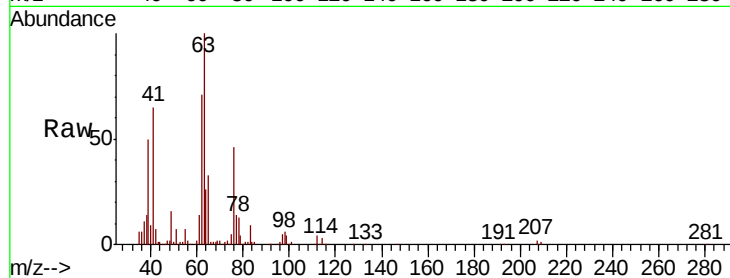




#45
1,2-Dichloropropane
Concen: 17.274 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

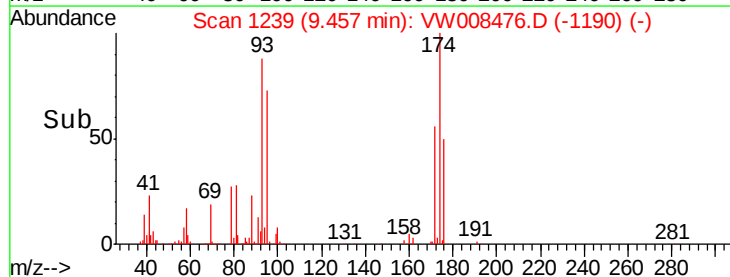
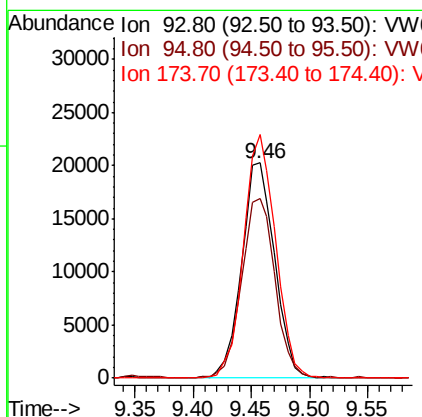
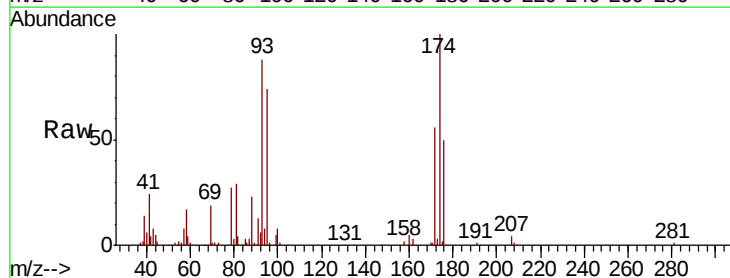
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

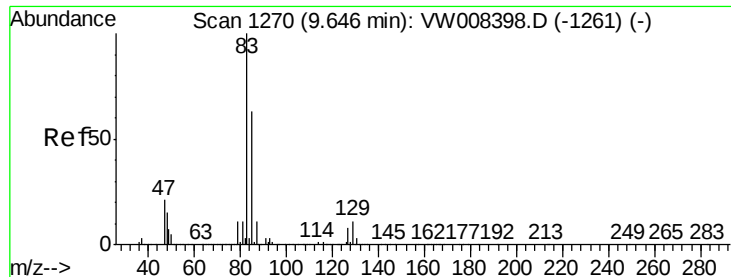
Tgt Ion: 63 Resp: 74358
Ion Ratio Lower Upper
63 100
65 33.1 25.2 37.8



#46
Dibromomethane
Concen: 18.124 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 93 Resp: 40129
Ion Ratio Lower Upper
93 100
95 84.3 65.9 98.9
174 109.5 81.0 121.6





#47

Bromodichloromethane

Concen: 17.721 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

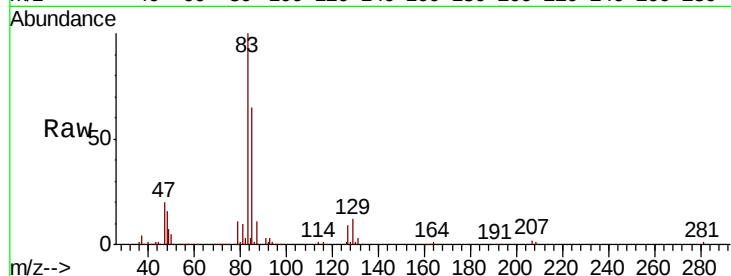
Tgt Ion: 83 Resp: 103778

Ion Ratio Lower Upper

83 100

85 64.8 50.8 76.2

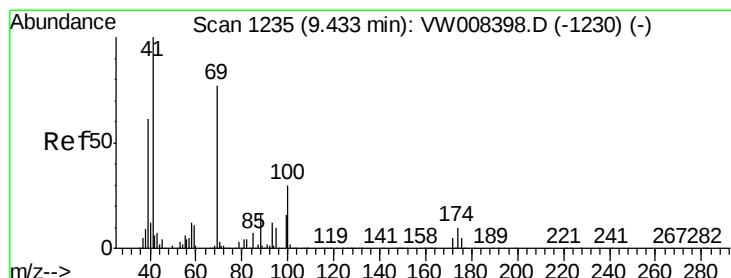
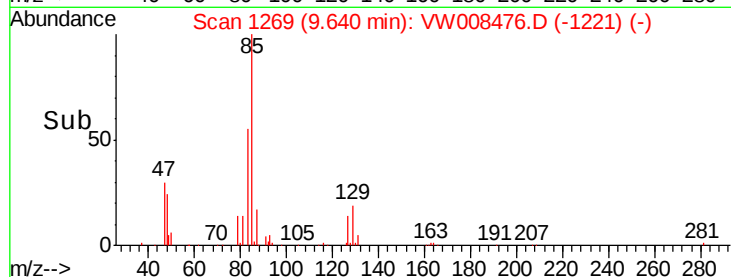
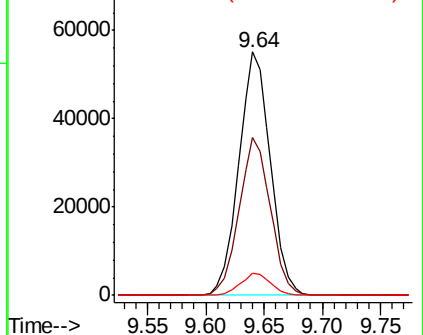
127 9.1 6.8 10.2



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: 17.374 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

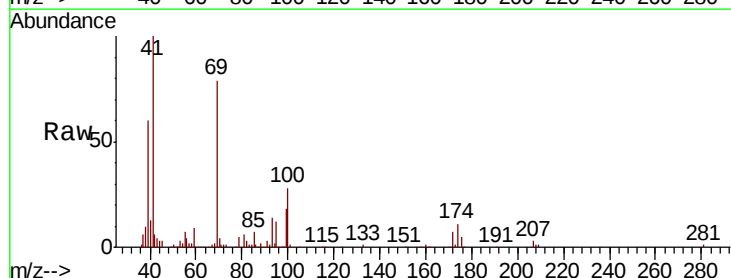
Tgt Ion: 41 Resp: 48583

Ion Ratio Lower Upper

41 100

69 81.7 64.8 97.2

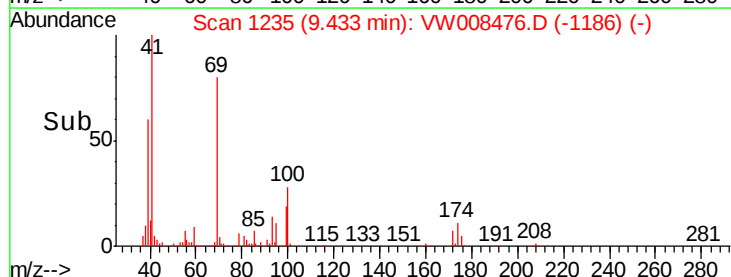
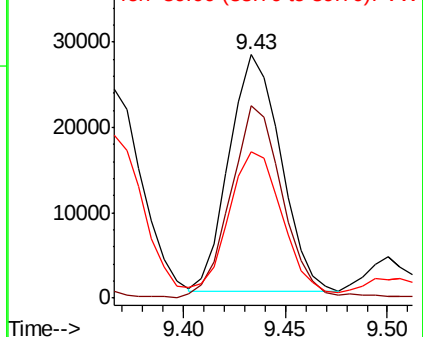
39 64.8 49.1 73.7

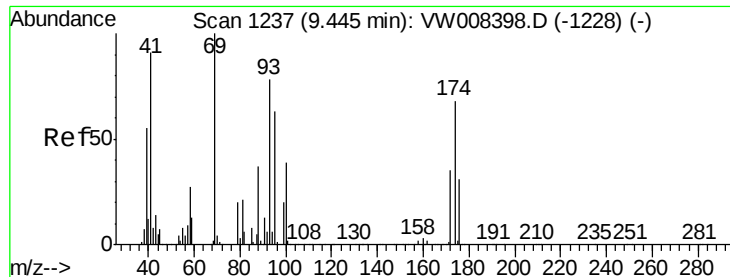


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 348.218 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

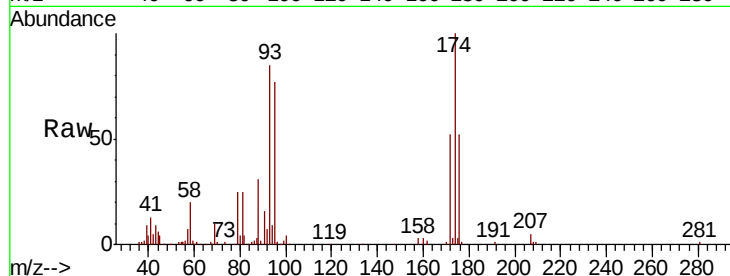
Tgt Ion: 88 Resp: 13032

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

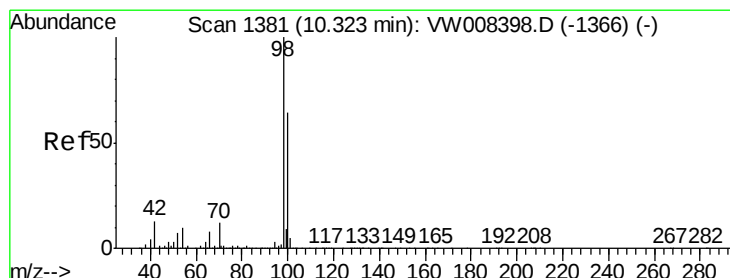
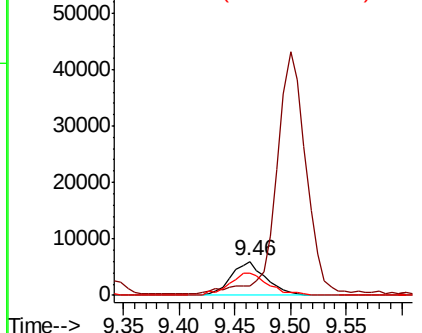
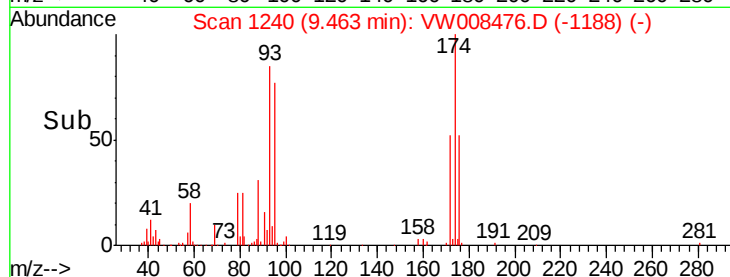
58 75.8 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.723 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008476.D

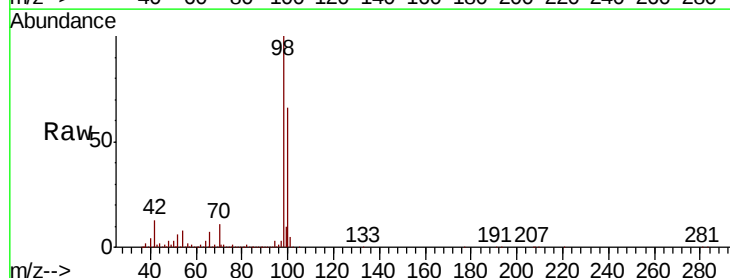
Acq: 01 Feb 2019 12:45

Tgt Ion: 98 Resp: 783378

Ion Ratio Lower Upper

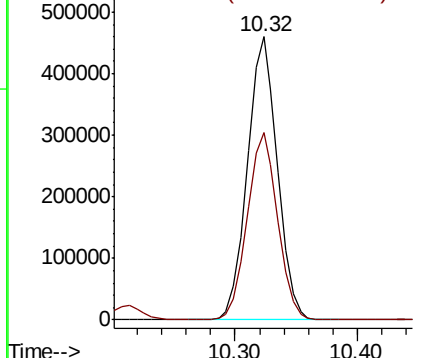
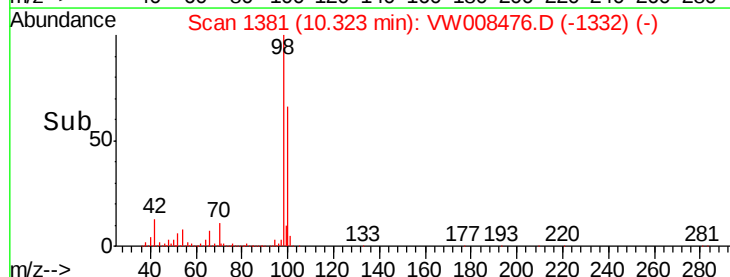
98 100

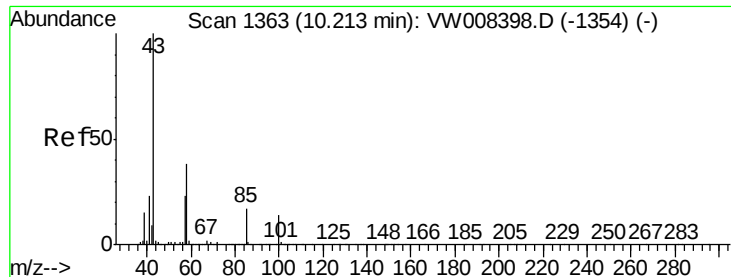
100 66.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

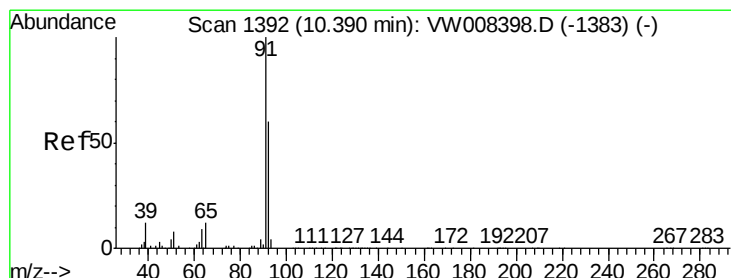
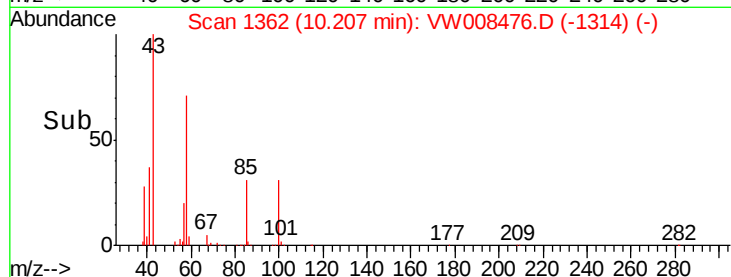
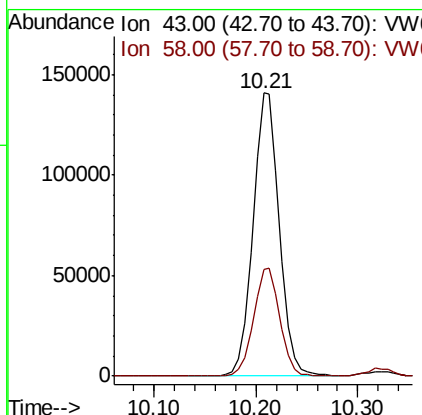
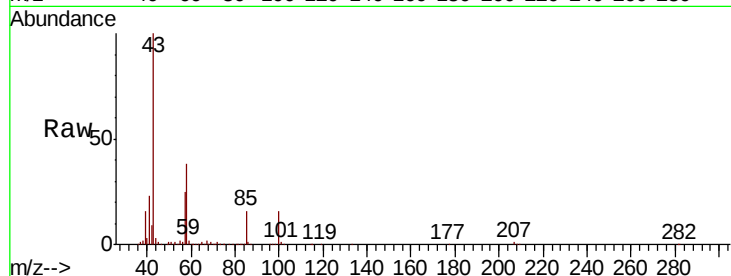




#51
4-Methyl-2-Pentanone
Concen: 89.171 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

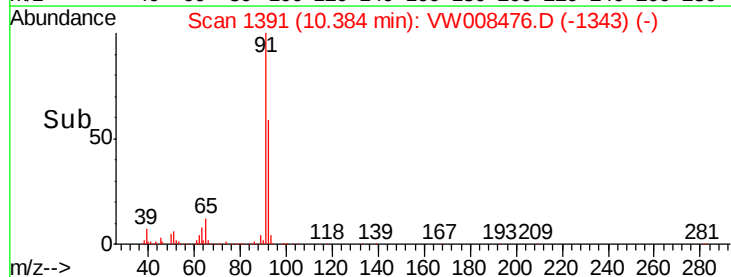
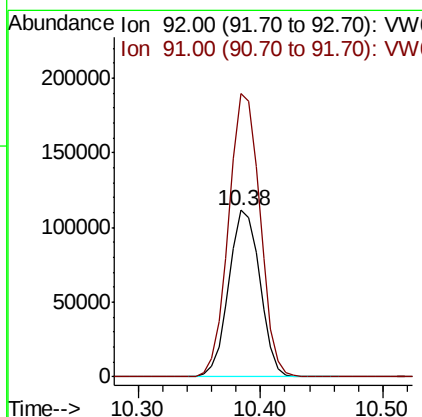
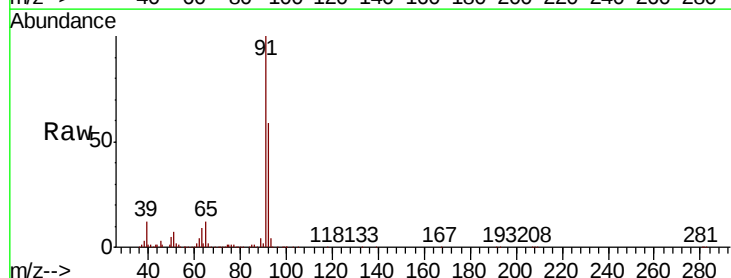
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

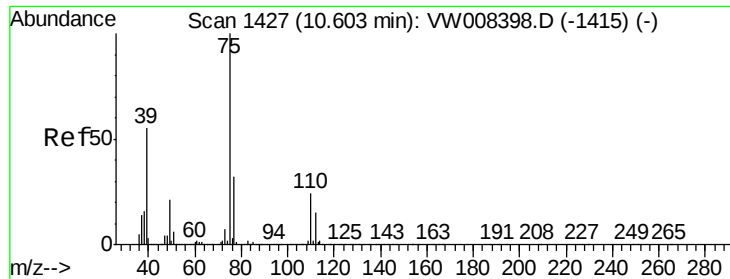
Tgt Ion: 43 Resp: 251931
Ion Ratio Lower Upper
43 100
58 38.3 29.7 44.5



#52
Toluene
Concen: 17.231 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 92 Resp: 196382
Ion Ratio Lower Upper
92 100
91 171.6 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.453 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

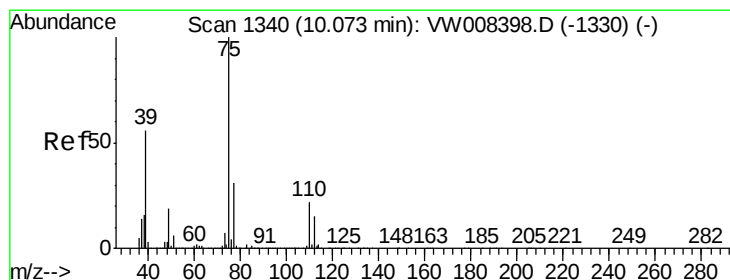
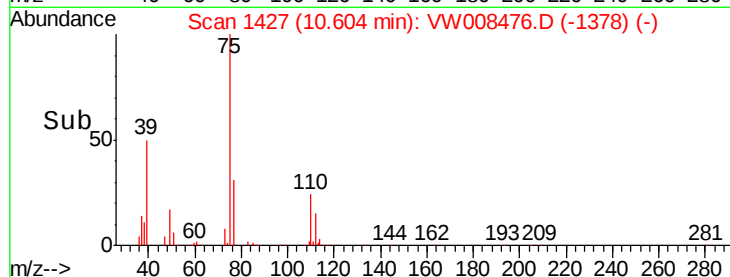
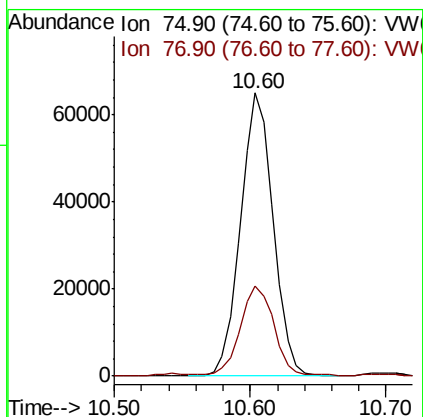
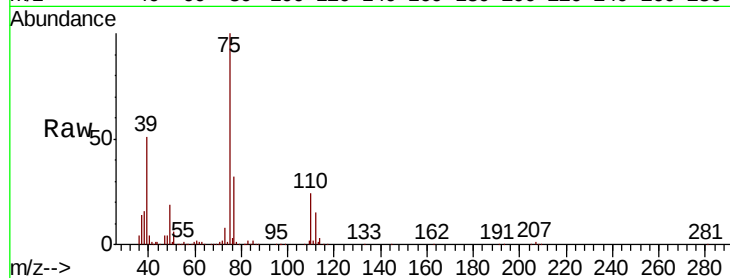
VW0201SBSD01

Tgt Ion: 75 Resp: 108757

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.545 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

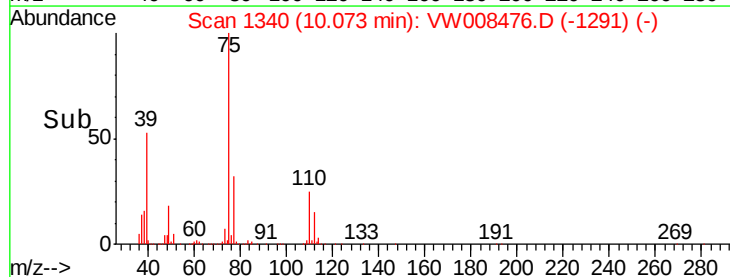
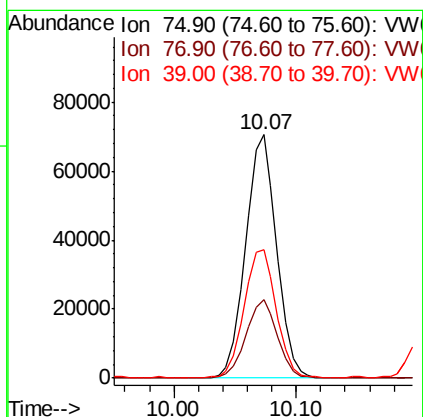
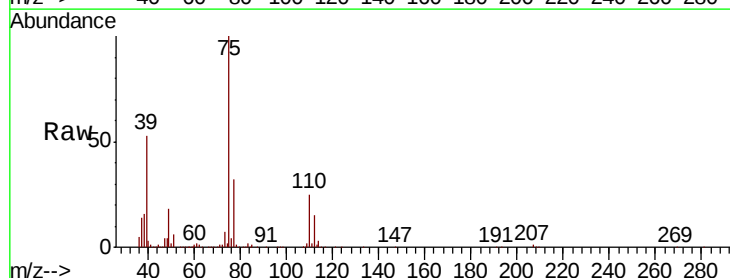
Tgt Ion: 75 Resp: 124075

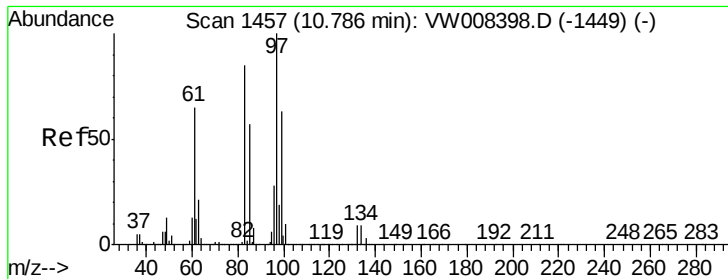
Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.4

39 52.5 44.9 67.3

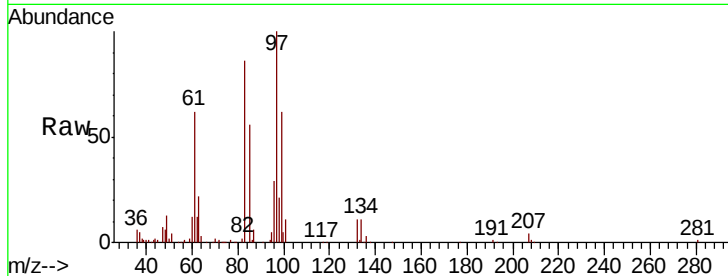




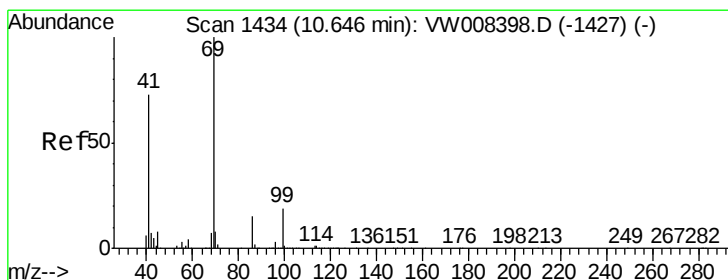
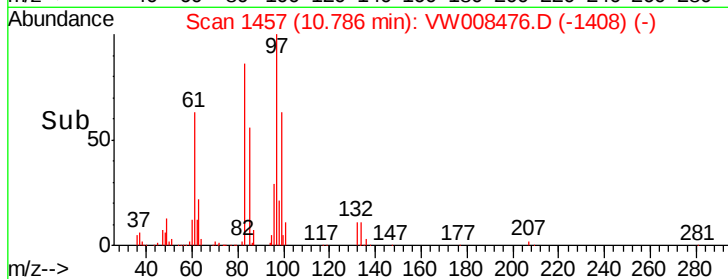
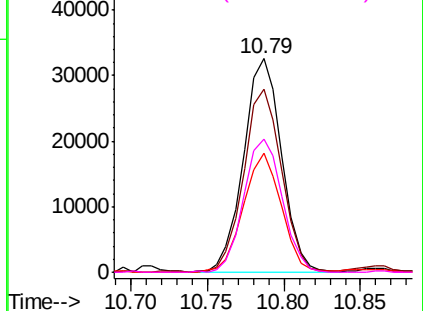
#55
 1,1,2-Trichloroethane
 Concen: 18.333 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBSD01

Tgt Ion:	97	Resp:	56301
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.4	102.6
85	55.6	45.3	67.9
99	62.3	50.6	76.0

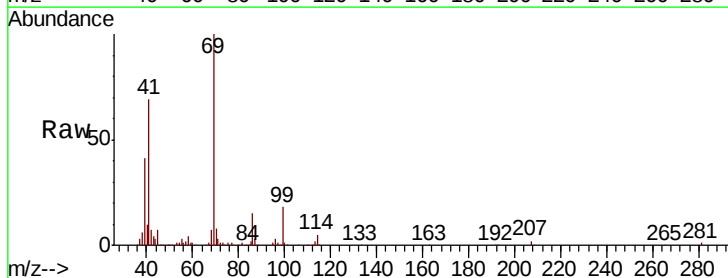


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

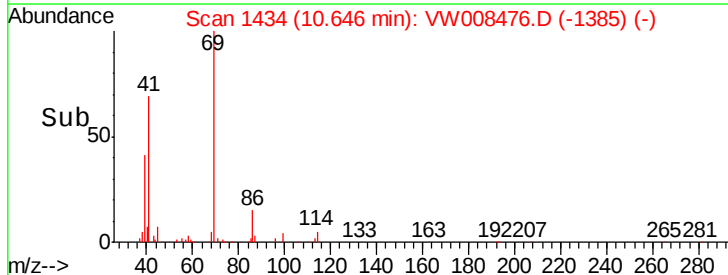
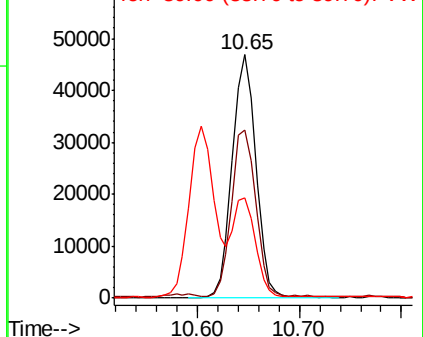


#56
 Ethyl methacrylate
 Concen: 17.650 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Tgt Ion:	69	Resp:	75950
Ion	Ratio	Lower	Upper
69	100		
41	68.8	58.7	88.1
39	38.4	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

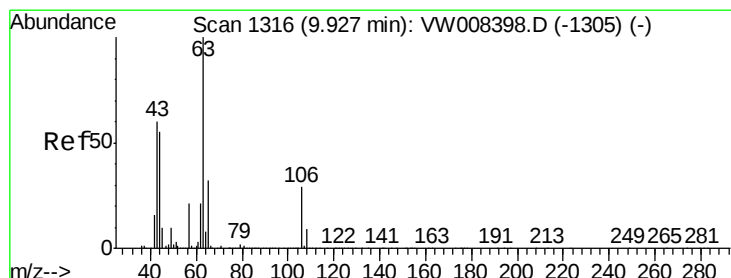
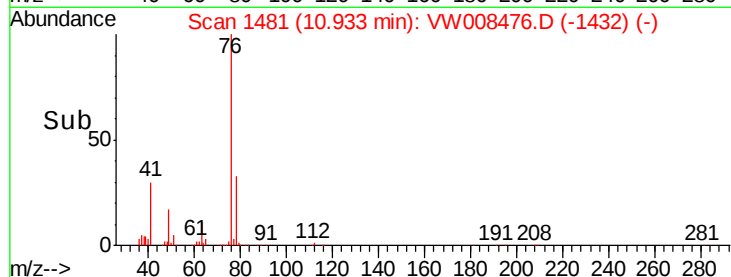
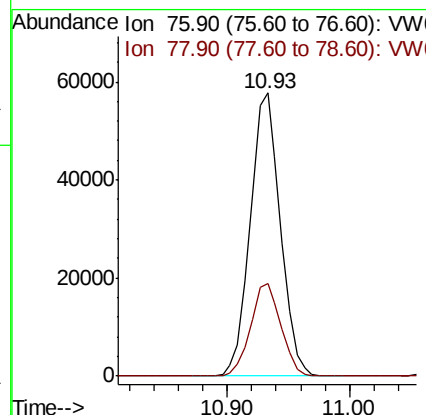
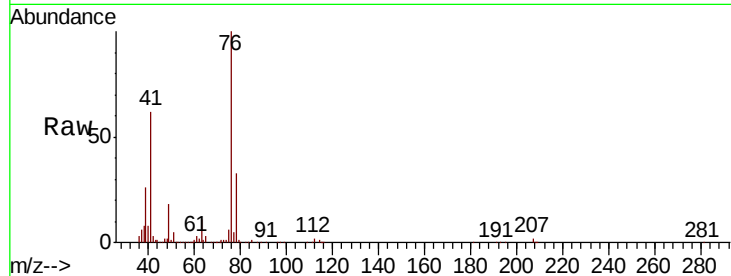




#57
 1,3-Dichloropropane
 Concen: 17.996 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

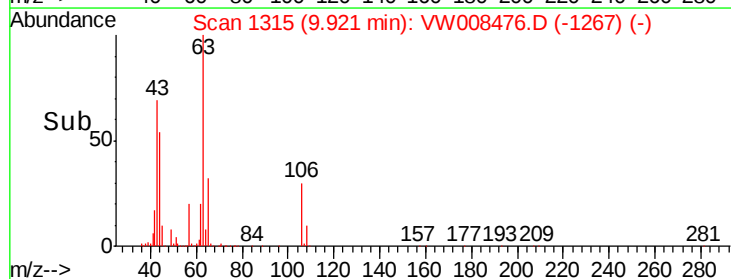
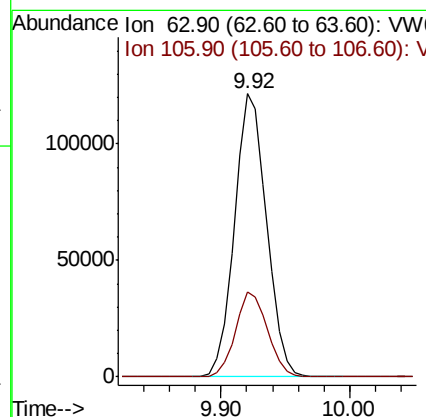
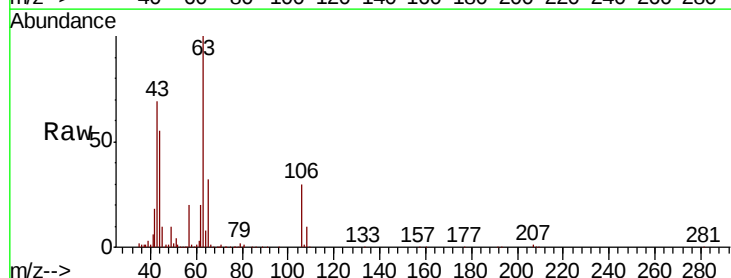
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBSD01

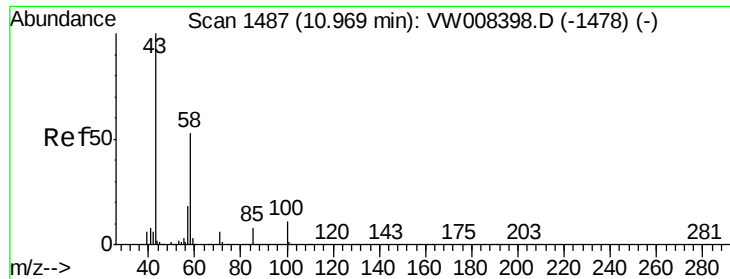
Tgt Ion: 76 Resp: 99010
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.640 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Tgt Ion: 63 Resp: 210420
 Ion Ratio Lower Upper
 63 100
 106 29.9 22.4 33.6

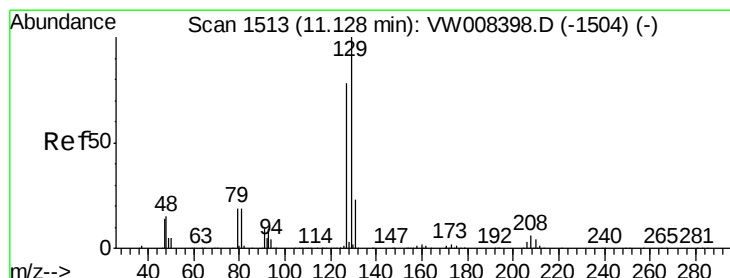
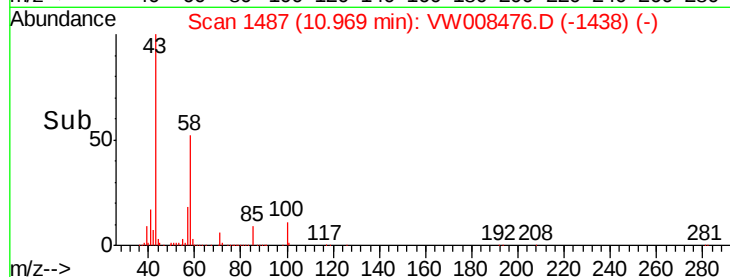
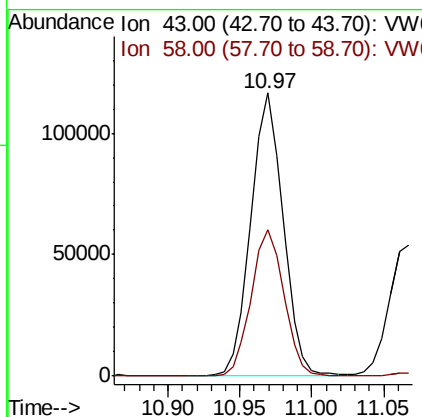
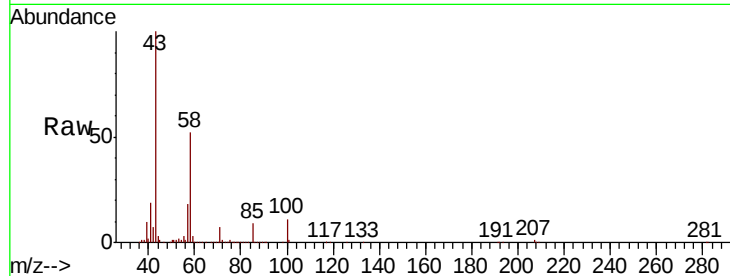




#59
2-Hexanone
Concen: 90.332 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

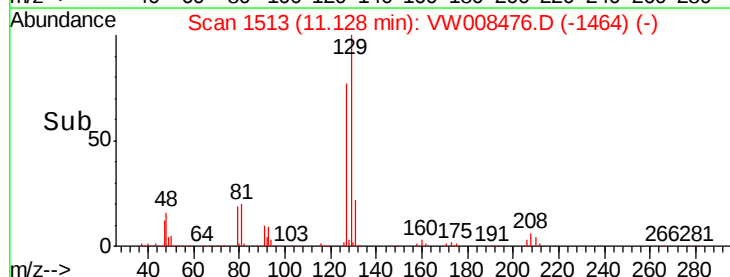
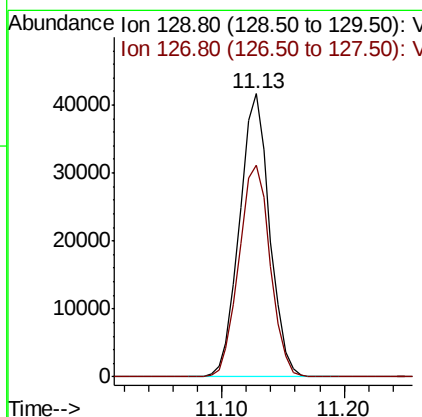
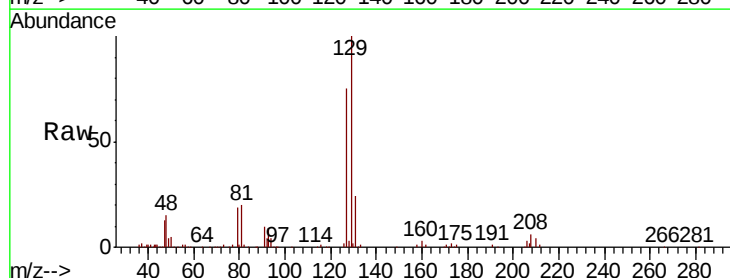
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

Tgt Ion: 43 Resp: 180169
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.7



#60
Dibromochloromethane
Concen: 17.998 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 129 Resp: 71031
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

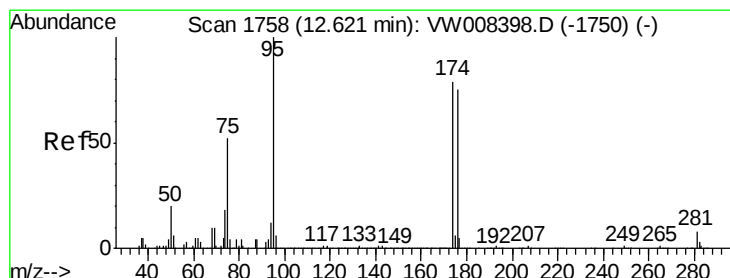
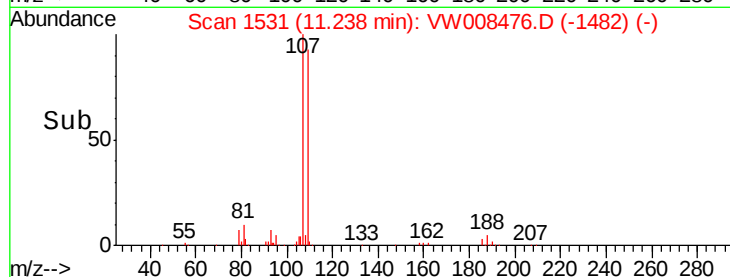
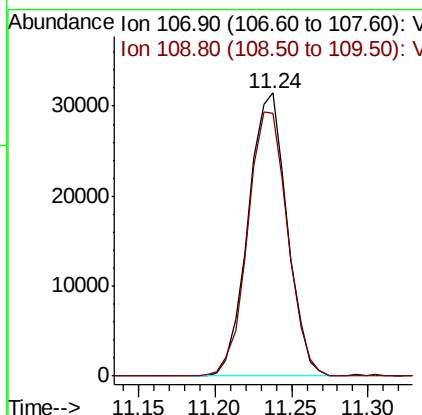
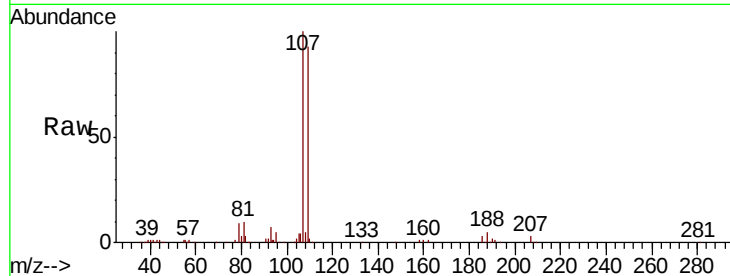




#61
 1,2-Dibromoethane
 Concen: 18.253 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

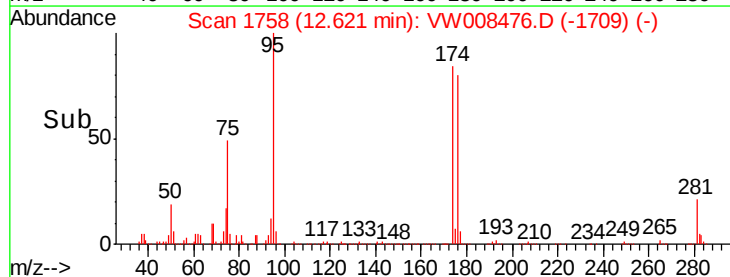
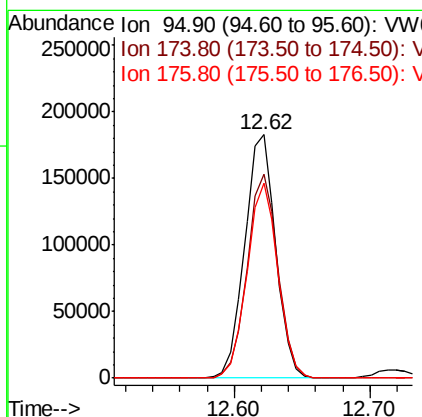
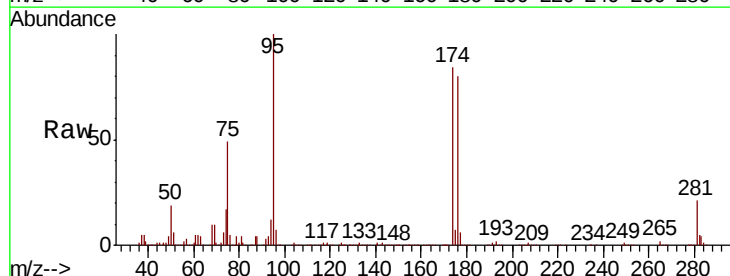
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBSD01

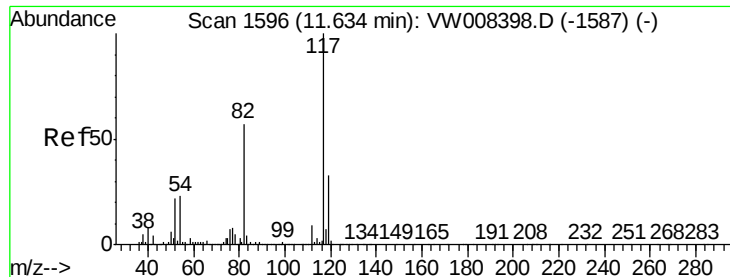
Tgt Ion: 107 Resp: 55582
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 49.003 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Tgt Ion: 95 Resp: 290909
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 157.6
 176 79.9 0.0 151.8

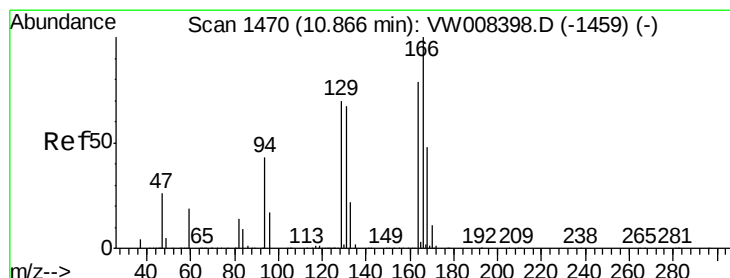
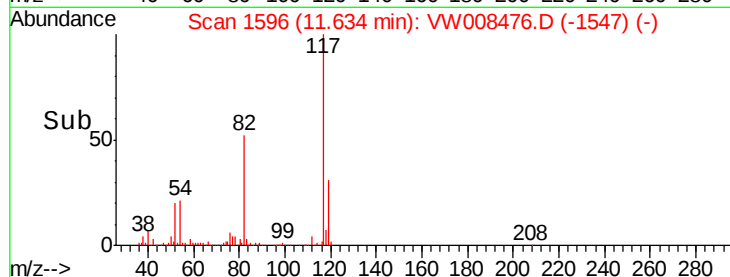
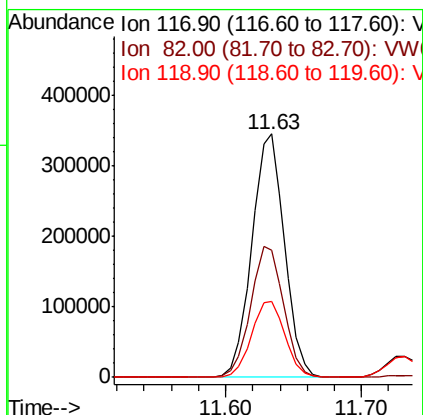
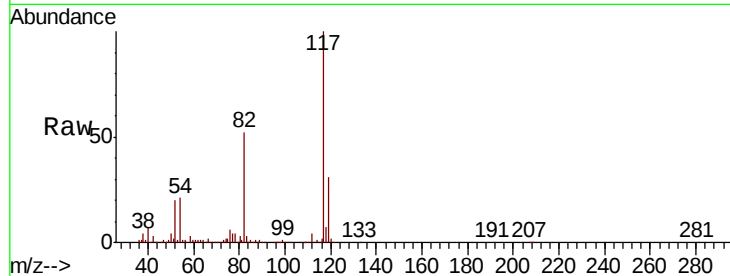




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

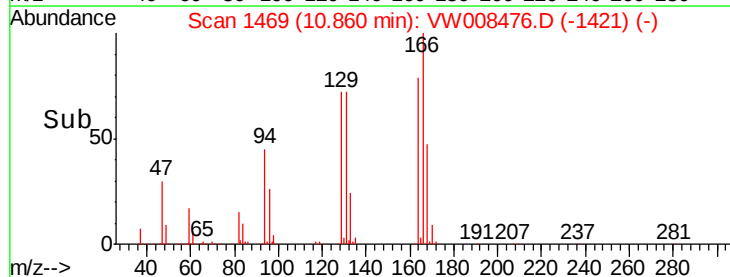
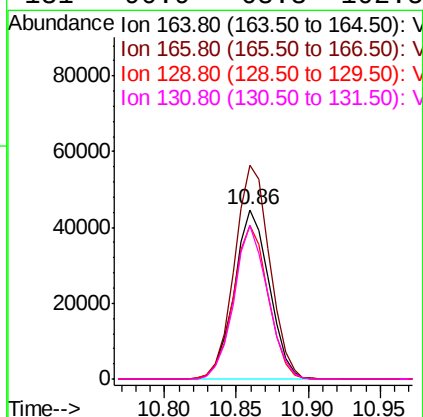
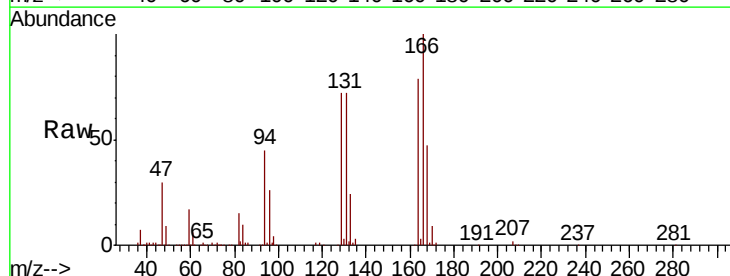
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

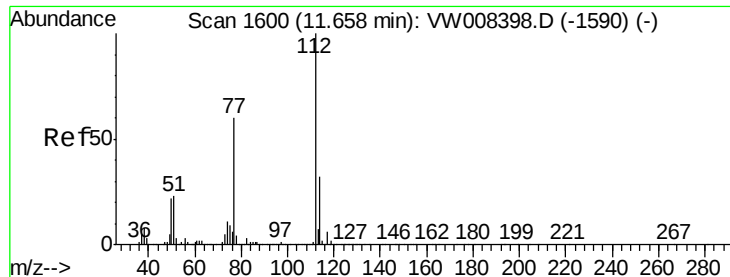
Tgt Ion:117 Resp: 580028
Ion Ratio Lower Upper
117 100
82 52.3 45.4 68.0
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 19.209 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion:164 Resp: 75435
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 90.5 71.0 106.6
131 90.9 68.3 102.5





#65

Chlorobenzene

Concen: 18.088 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

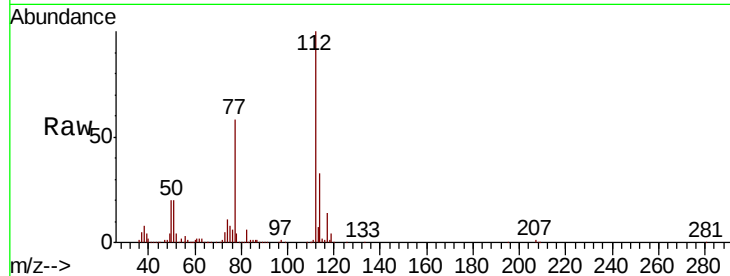
VW0201SBSD01

Tgt Ion:112 Resp: 214166

Ion Ratio Lower Upper

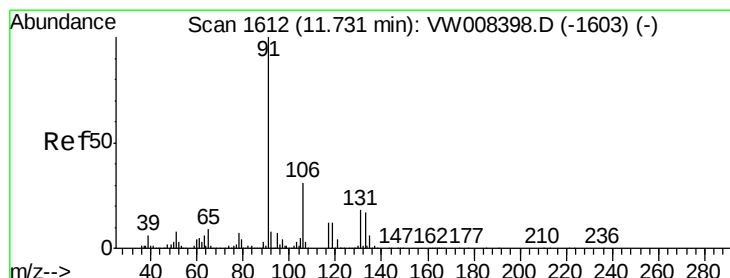
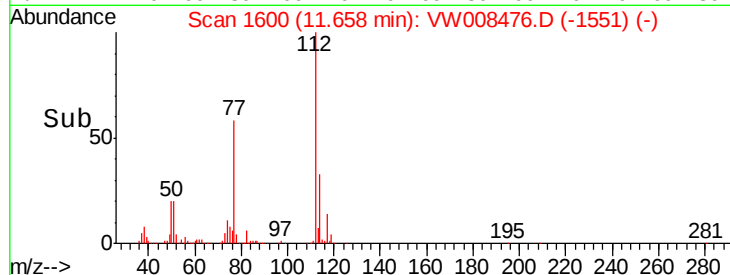
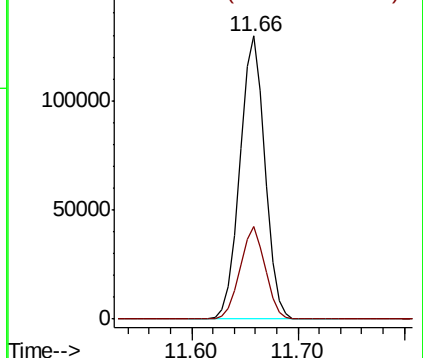
112 100

114 32.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.403 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

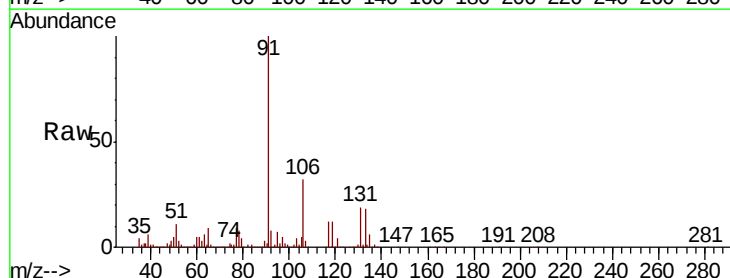
Tgt Ion:131 Resp: 77961

Ion Ratio Lower Upper

131 100

133 97.6 47.0 141.2

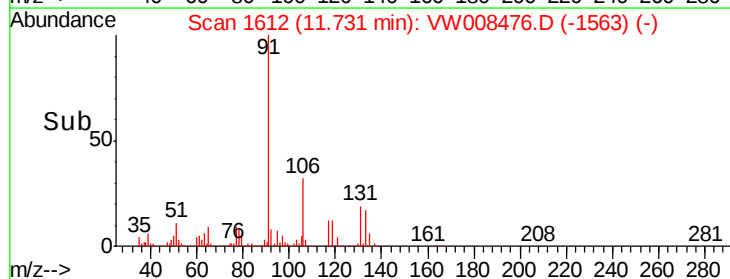
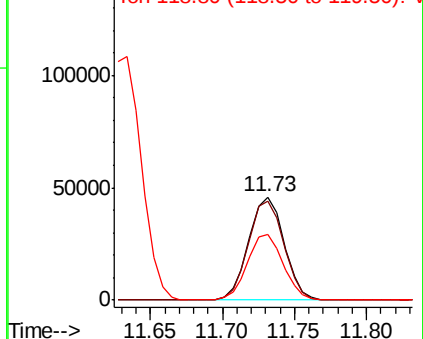
119 64.5 32.1 96.3

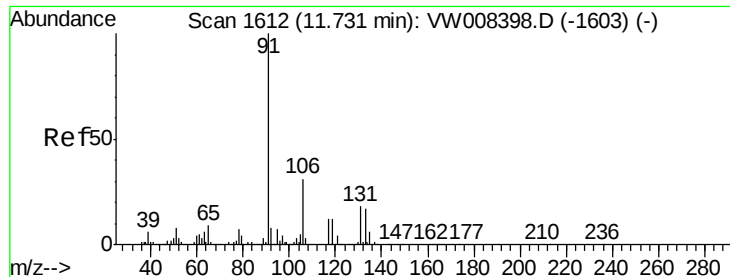


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

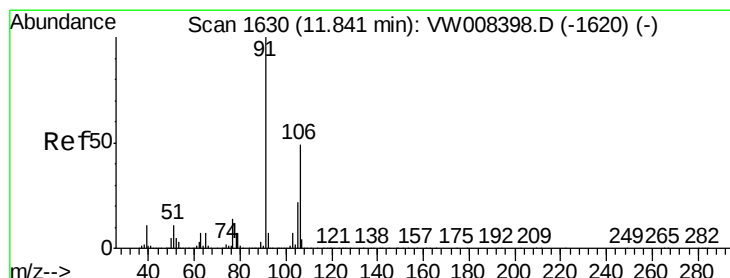
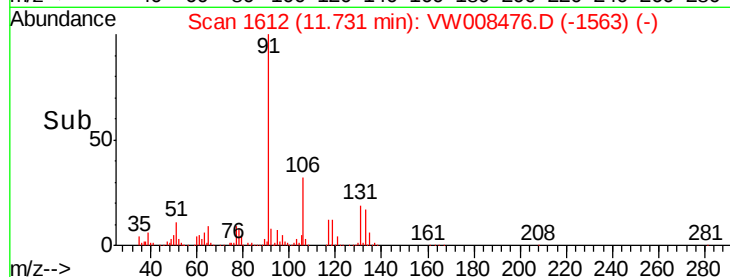
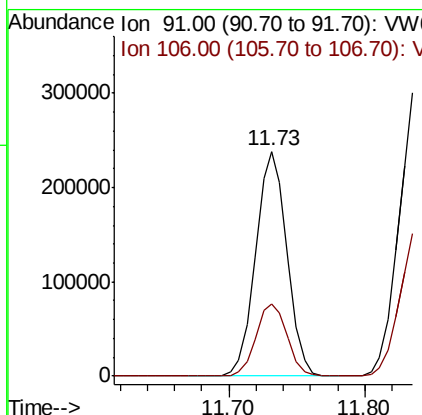
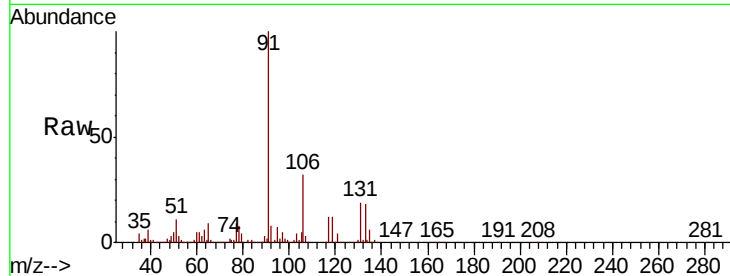




#67
Ethyl Benzene
Concen: 17.631 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

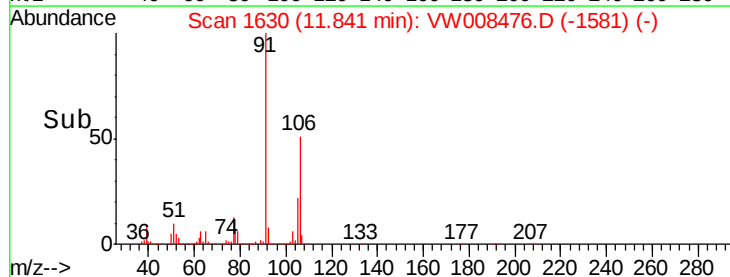
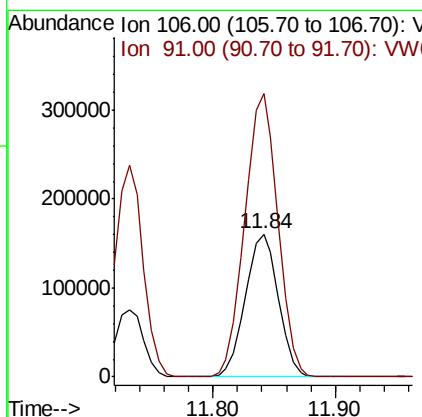
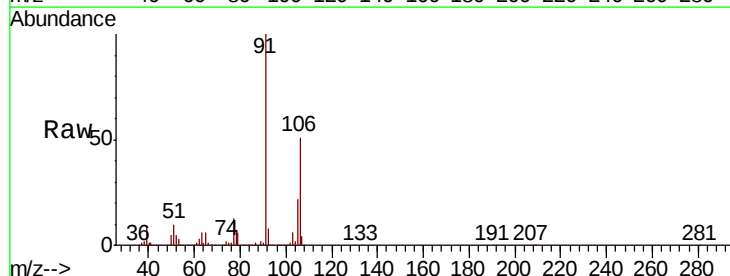
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

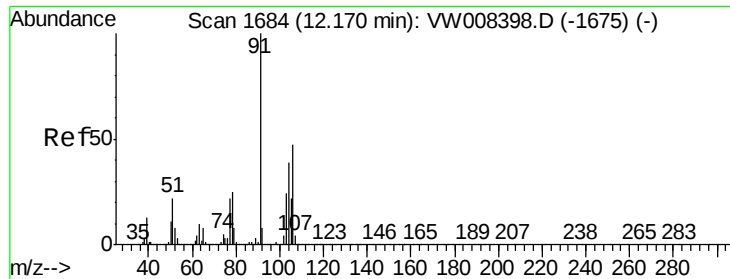
Tgt Ion: 91 Resp: 383725
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1



#68
m/p-Xylenes
Concen: 35.701 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion: 106 Resp: 301479
Ion Ratio Lower Upper
106 100
91 198.7 162.9 244.3

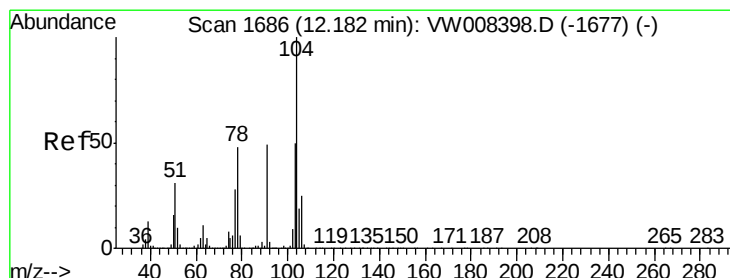
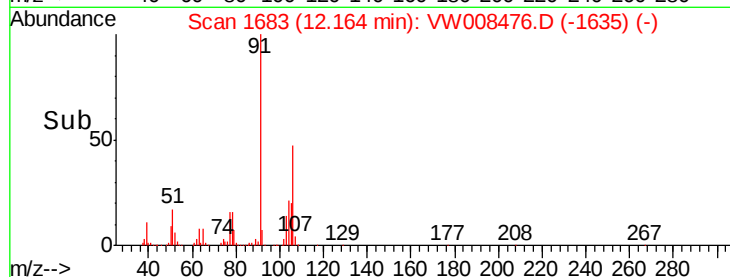
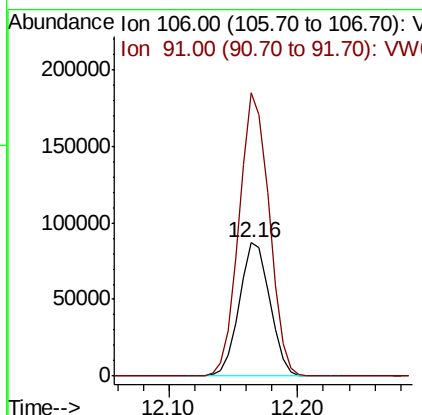
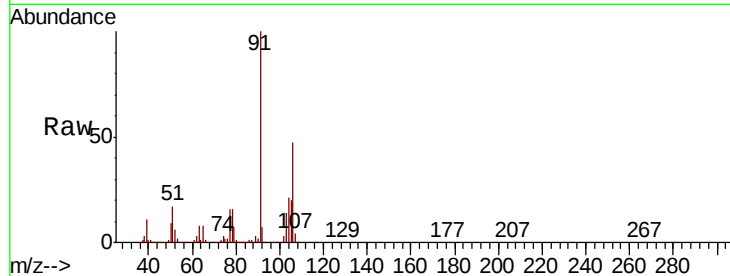




#69
o-Xylene
Concen: 17.750 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

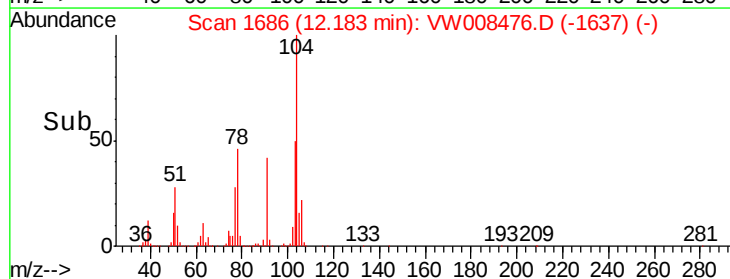
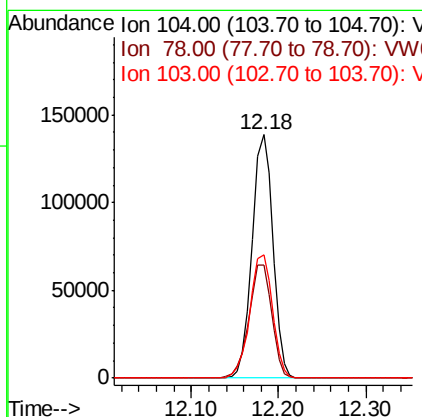
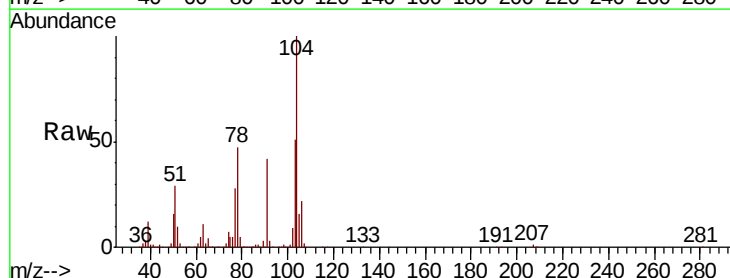
Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

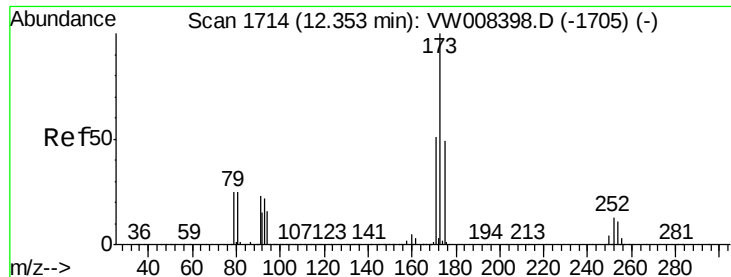
Tgt Ion:106 Resp: 142423
Ion Ratio Lower Upper
106 100
91 210.1 107.5 322.4



#70
Styrene
Concen: 17.224 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion:104 Resp: 228273
Ion Ratio Lower Upper
104 100
78 51.1 42.4 63.6
103 55.3 43.4 65.0





#71

Bromoform

Concen: 19.117 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

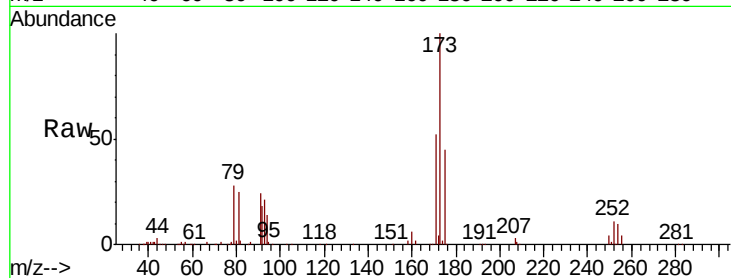
Tgt Ion:173 Resp: 45566

Ion Ratio Lower Upper

173 100

175 45.7 24.4 73.4

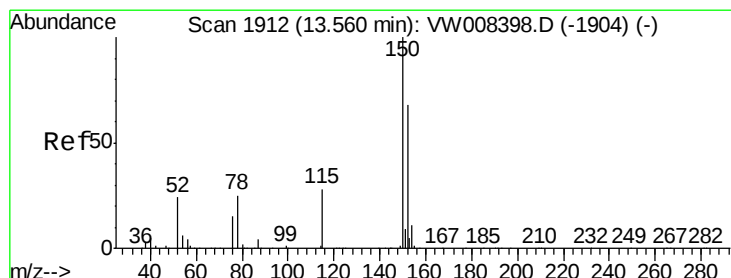
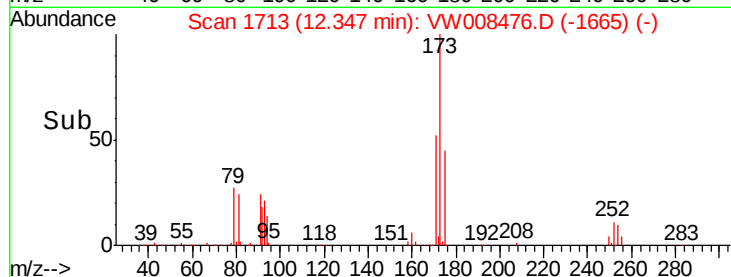
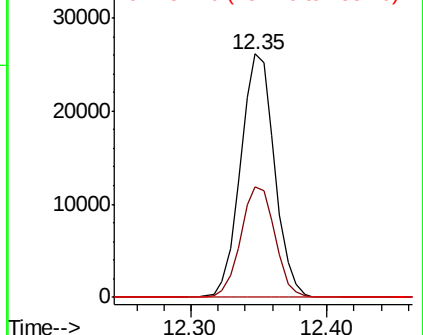
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

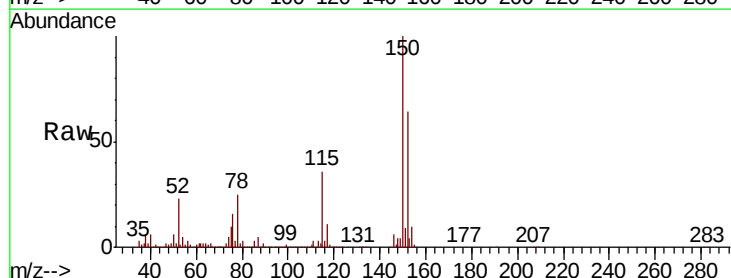
Tgt Ion:152 Resp: 299675

Ion Ratio Lower Upper

152 100

115 57.5 29.9 89.7

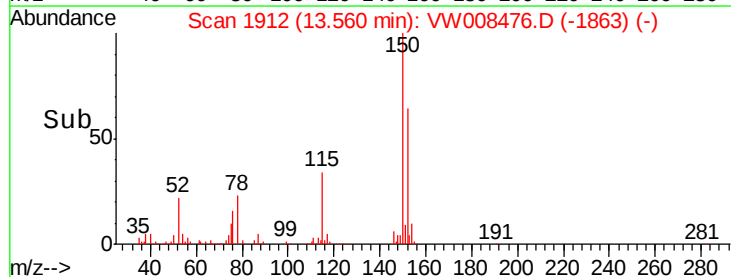
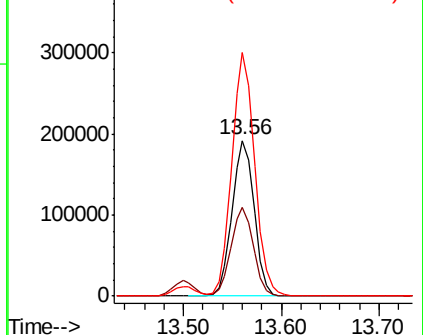
150 162.0 0.0 351.4

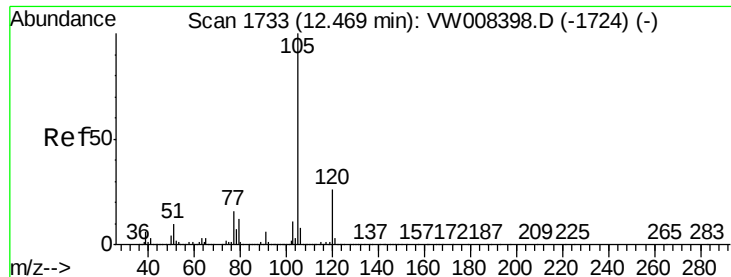


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.545 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

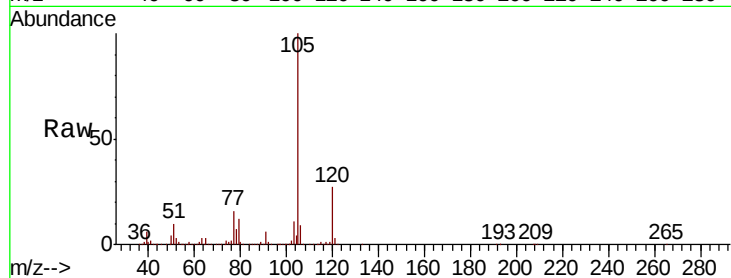
VW0201SBSD01

Tgt Ion: 105 Resp: 391984

Ion Ratio Lower Upper

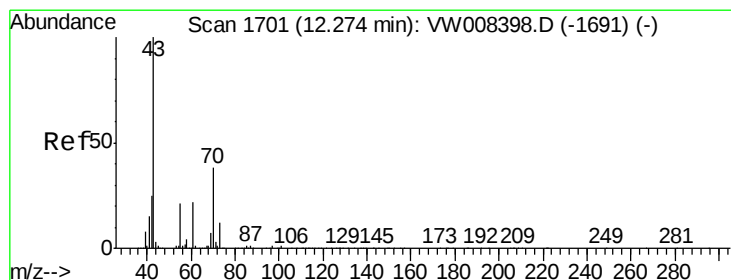
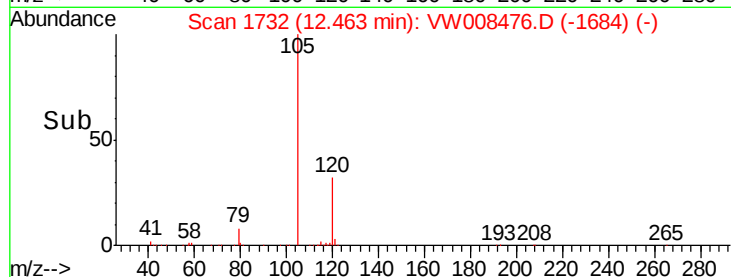
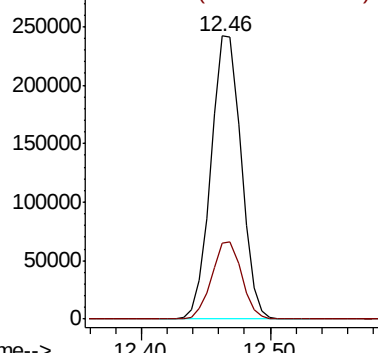
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.952 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Tgt Ion: 43 Resp: 97568

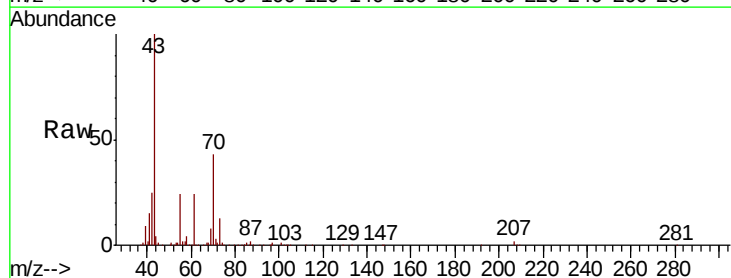
Ion Ratio Lower Upper

43 100

70 41.5 31.0 46.6

55 22.9 17.4 26.2

61 23.4 18.2 27.4

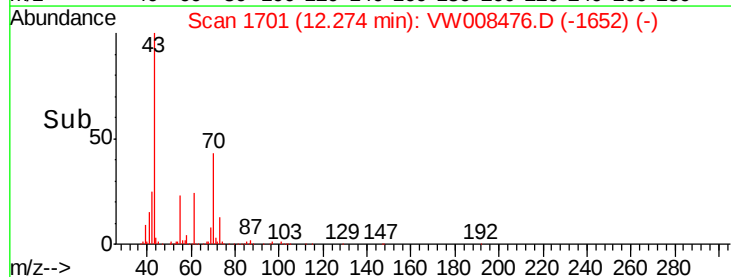
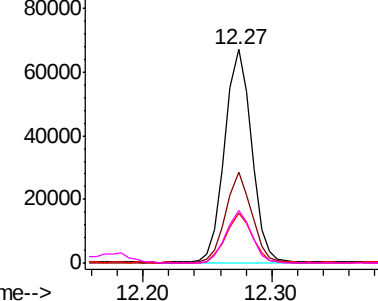


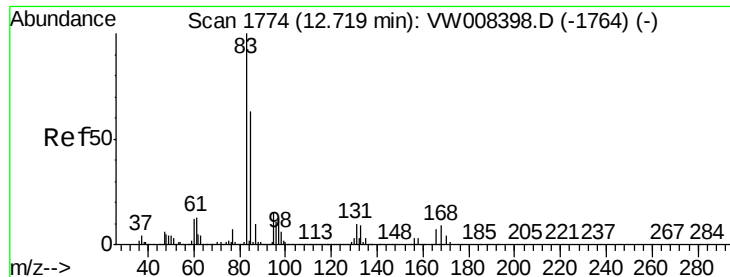
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 18.691 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

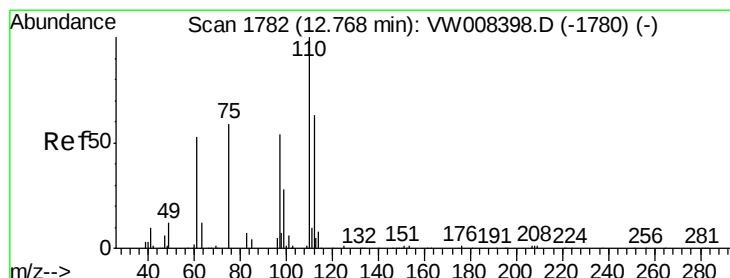
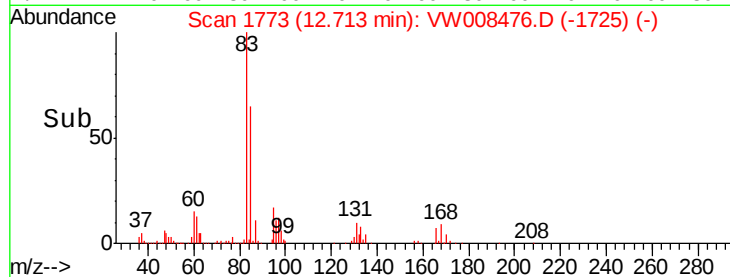
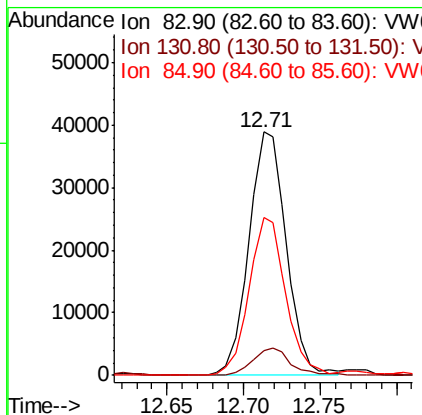
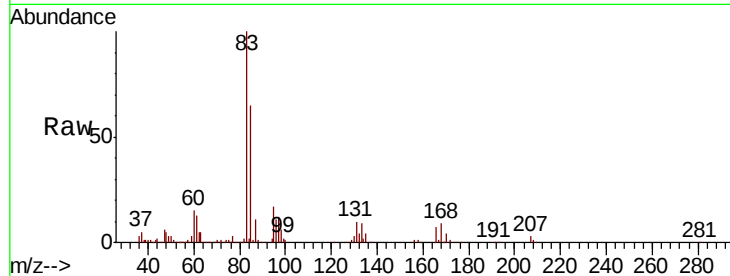
Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

Tgt Ion:	83	Resp:	66111
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.4
85	63.3	31.9	95.5



#76

1,2,3-Trichloropropane

Concen: 35.235 ug/l

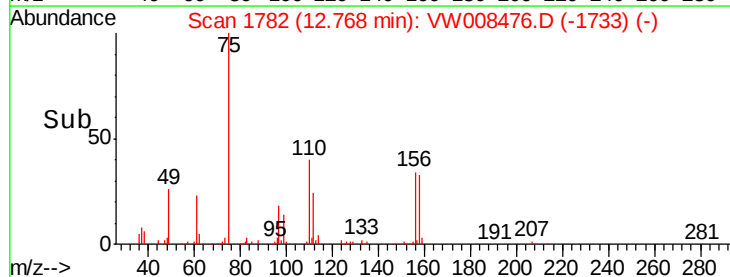
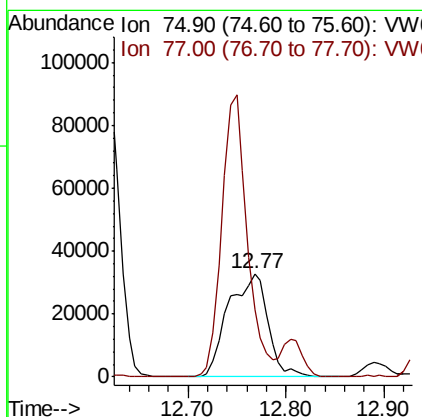
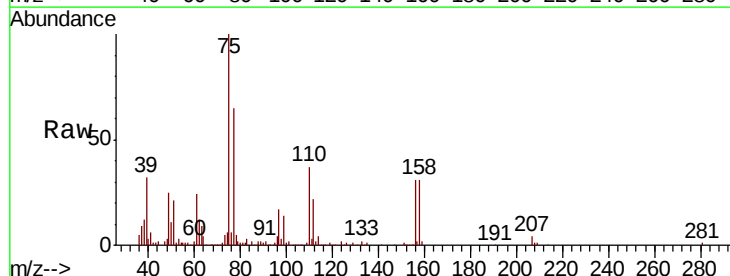
RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Tgt Ion:	75	Resp:	91804
Ion	Ratio	Lower	Upper
75	100		
77	177.2	180.7	542.1#





#77

Bromobenzene

Concen: 18.365 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

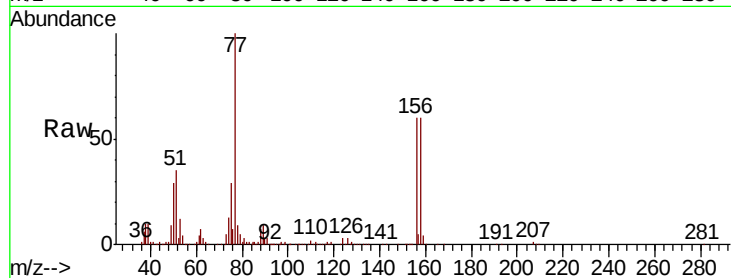
Tgt Ion: 156 Resp: 89606

Ion Ratio Lower Upper

156 100

77 181.6 96.9 290.7

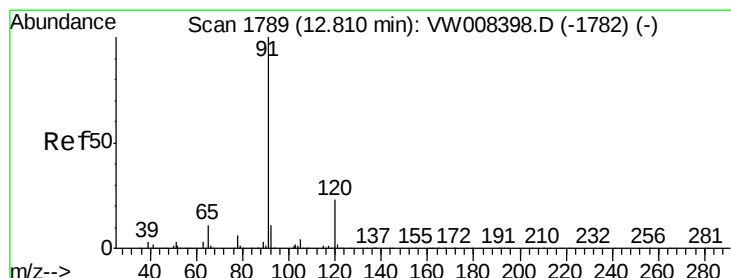
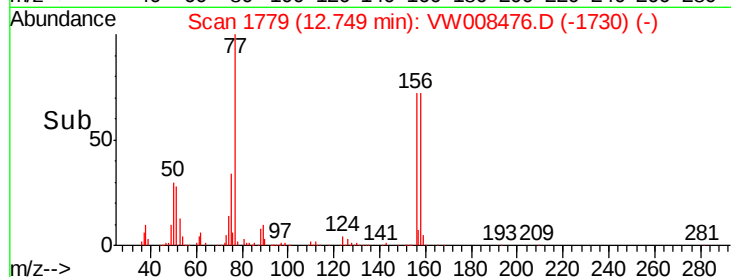
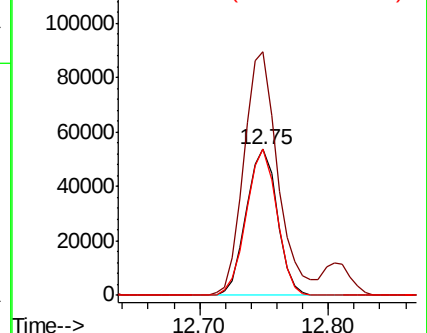
158 97.7 48.8 146.4



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: 17.243 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008476.D

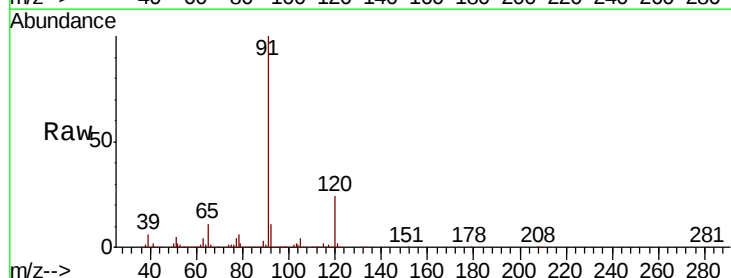
Acq: 01 Feb 2019 12:45

Tgt Ion: 91 Resp: 462690

Ion Ratio Lower Upper

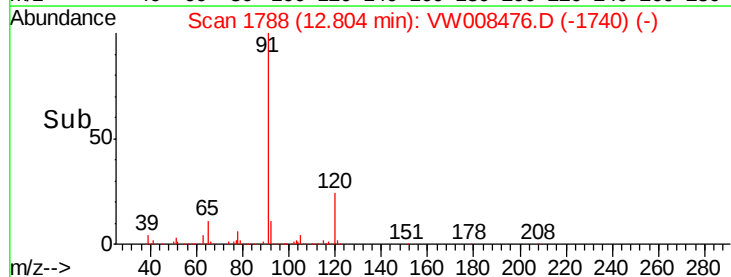
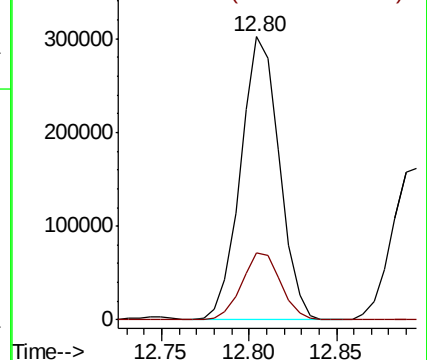
91 100

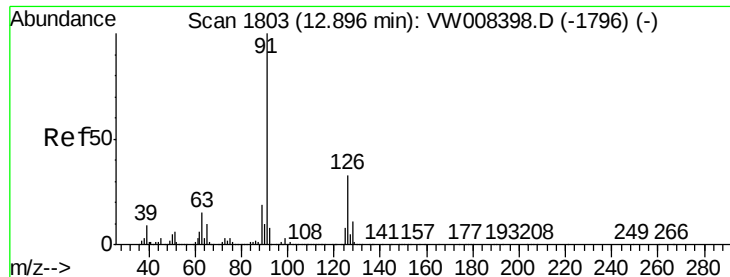
120 23.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.401 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

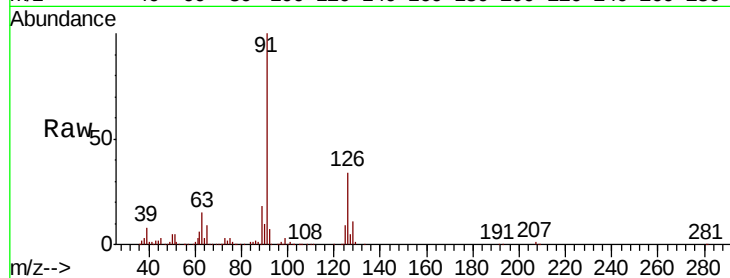
VW0201SBSD01

Tgt Ion: 91 Resp: 263485

Ion Ratio Lower Upper

91 100

126 34.2 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

200000

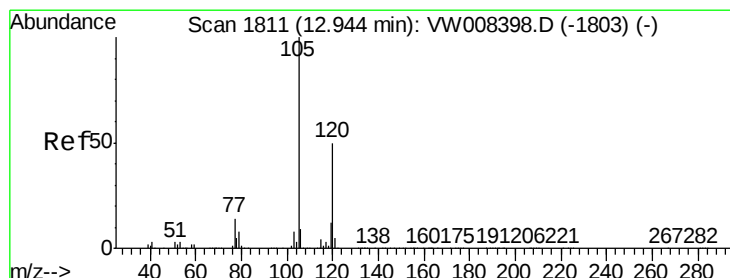
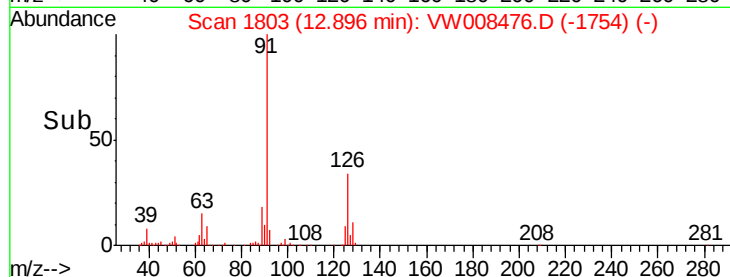
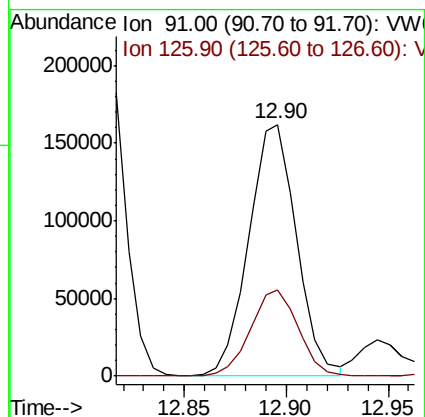
150000

100000

50000

0

12.85 12.90 12.95



#80

1,3,5-Trimethylbenzene

Concen: 17.305 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008476.D

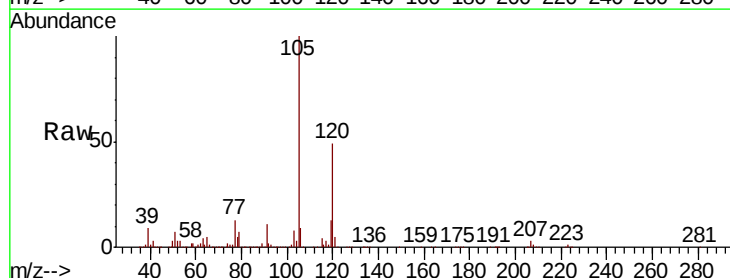
Acq: 01 Feb 2019 12:45

Tgt Ion: 105 Resp: 323151

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

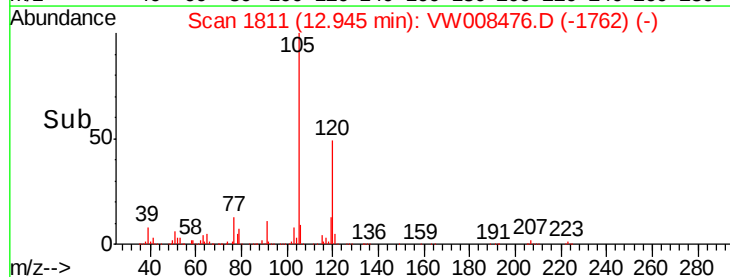
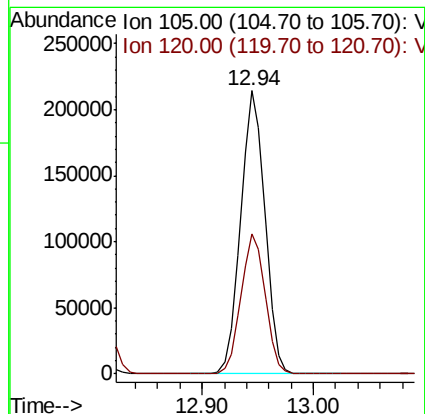
150000

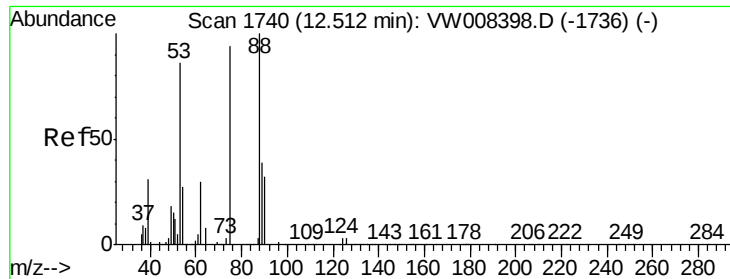
100000

50000

0

12.90 12.94 13.00





#81

trans-1,4-Dichloro-2-butene

Concen: 17.040 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

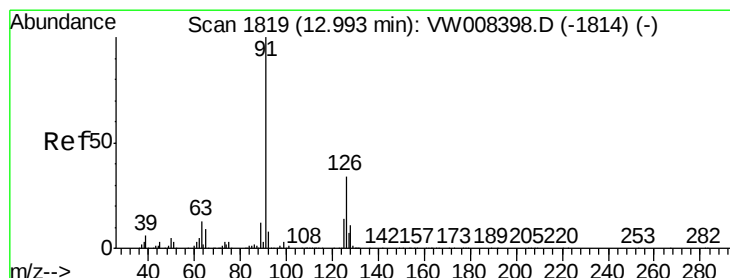
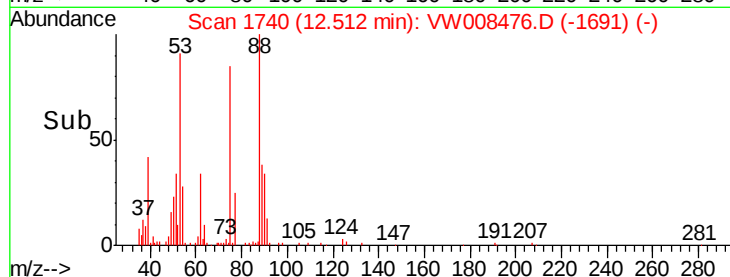
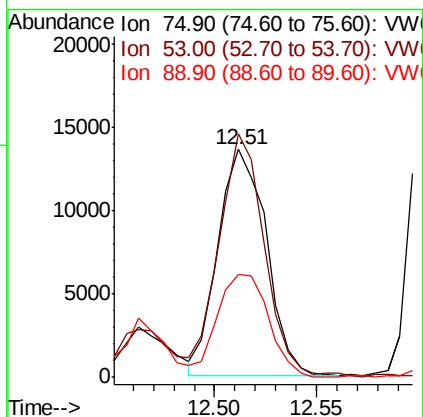
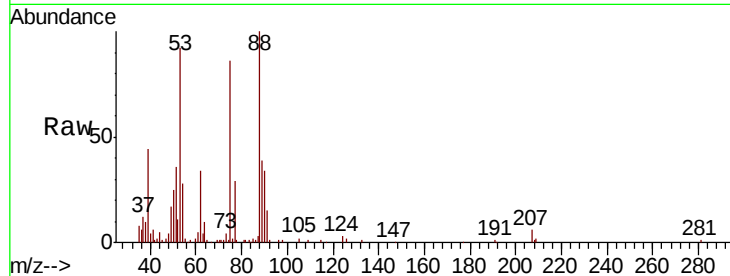
Tgt Ion: 75 Resp: 22478

Ion Ratio Lower Upper

75 100

53 100.6 76.0 114.0

89 48.1 35.4 53.0



#82

4-Chlorotoluene

Concen: 16.917 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008476.D

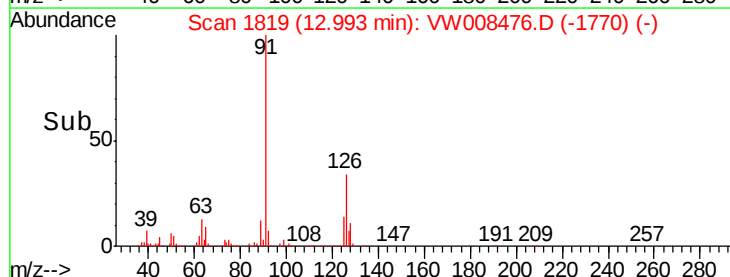
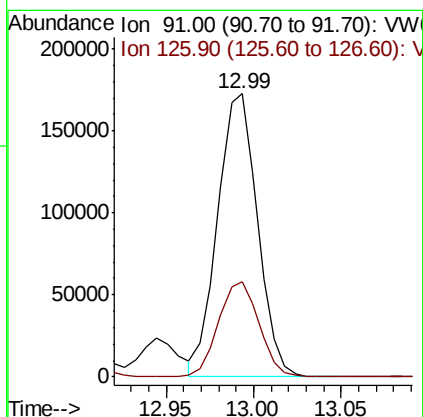
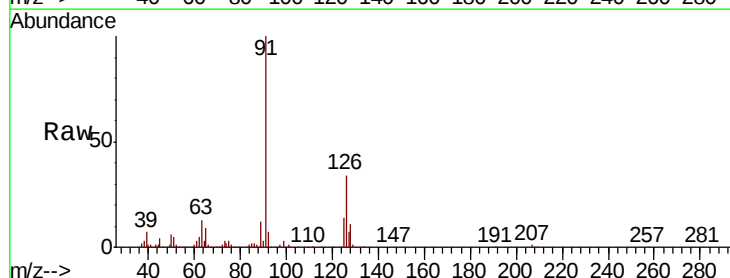
Acq: 01 Feb 2019 12:45

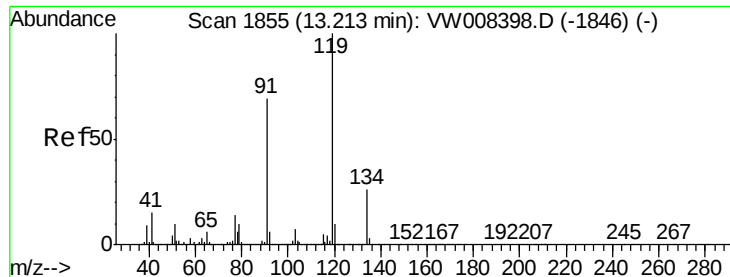
Tgt Ion: 91 Resp: 272721

Ion Ratio Lower Upper

91 100

126 34.4 16.4 49.2





#83

tert-Butylbenzene

Concen: 17.059 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

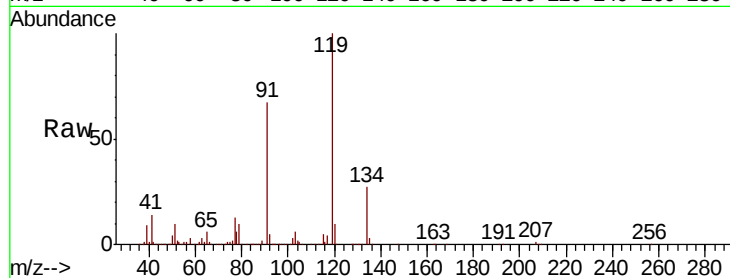
Tgt Ion:119 Resp: 283480

Ion Ratio Lower Upper

119 100

91 66.5 33.8 101.4

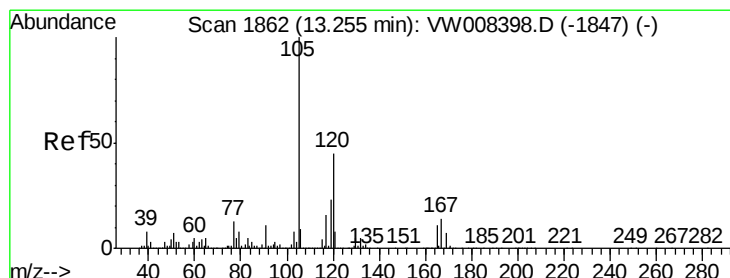
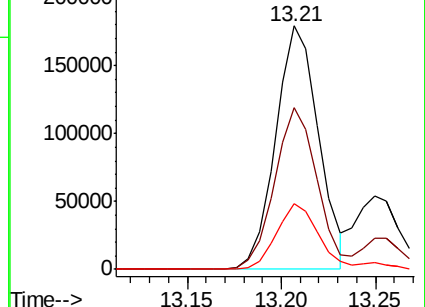
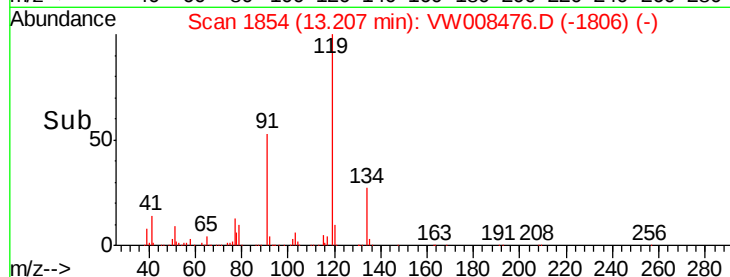
134 28.2 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.253 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008476.D

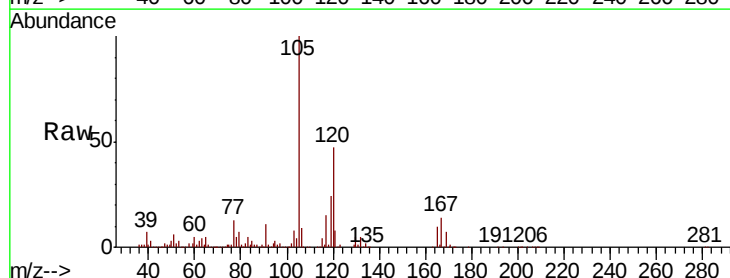
Acq: 01 Feb 2019 12:45

Tgt Ion:105 Resp: 327475

Ion Ratio Lower Upper

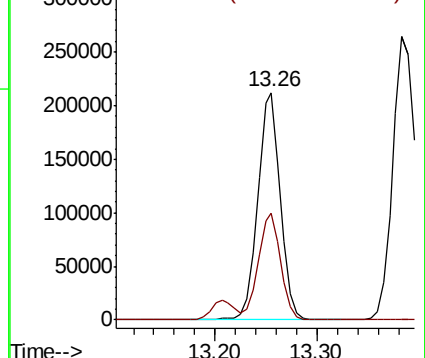
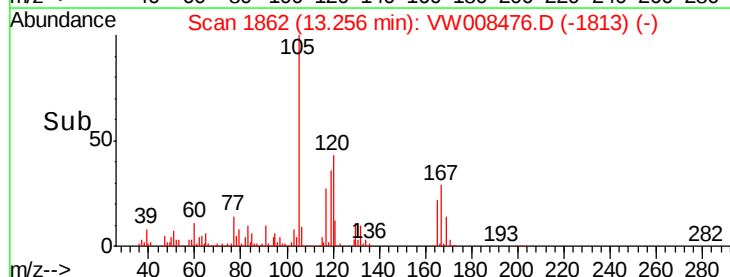
105 100

120 46.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

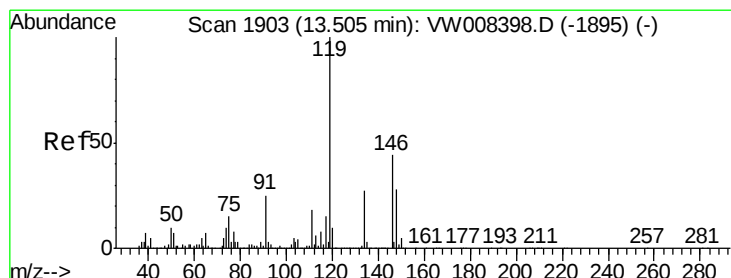
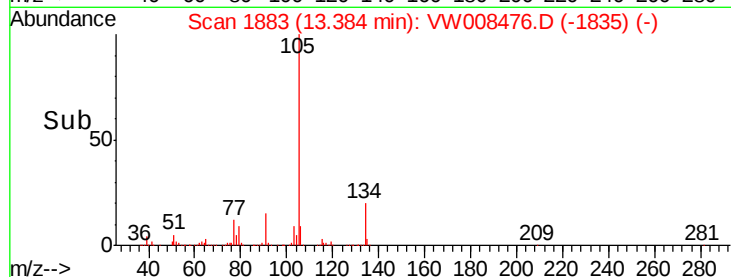
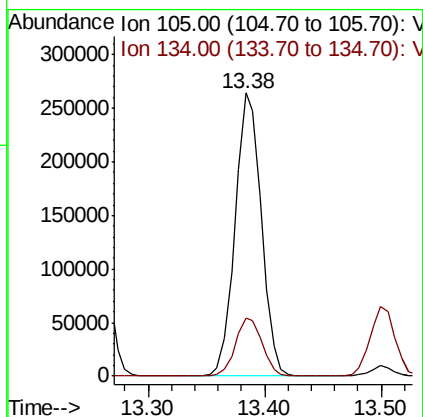
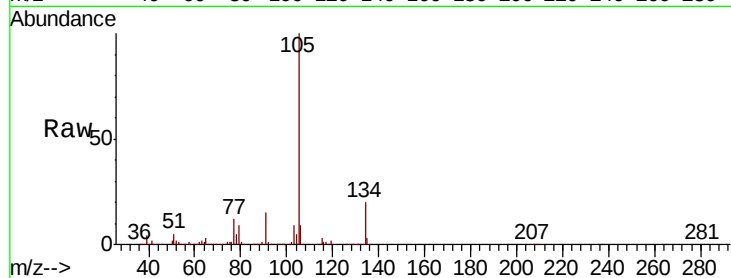




#85
 sec-Butylbenzene
 Concen: 17.446 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

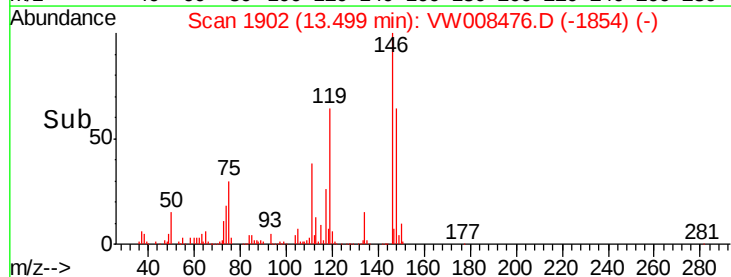
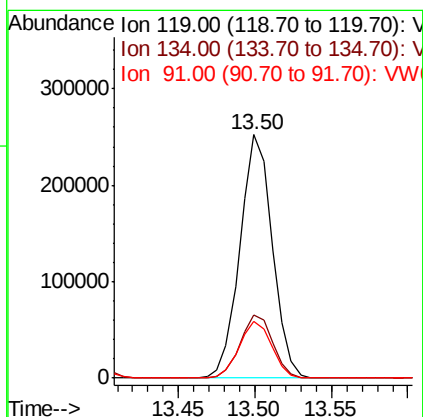
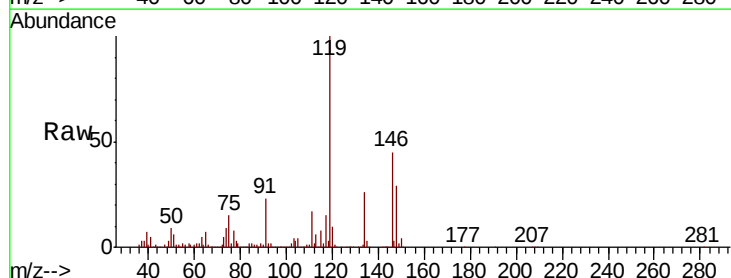
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBSD01

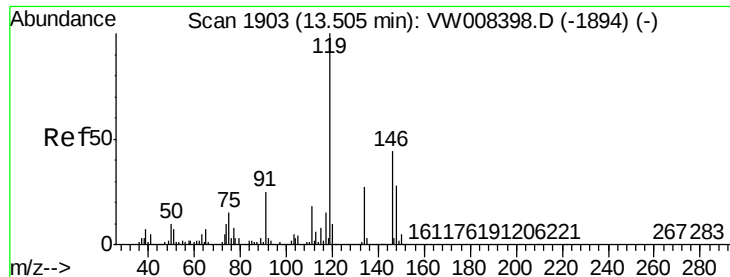
Tgt Ion:105 Resp: 414029
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 17.804 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Tgt Ion:119 Resp: 370100
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.2
 91 23.6 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 18.221 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

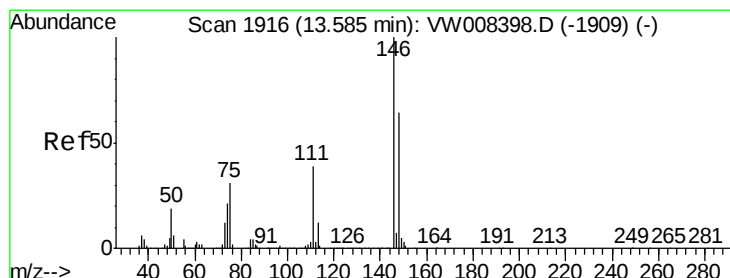
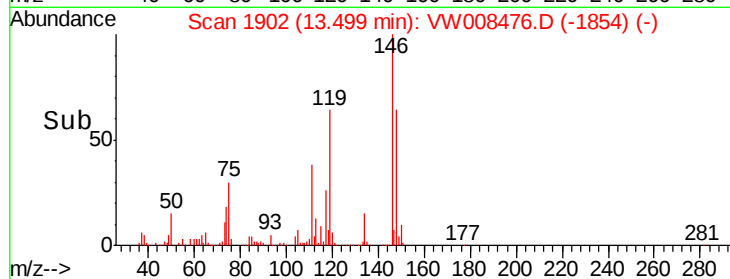
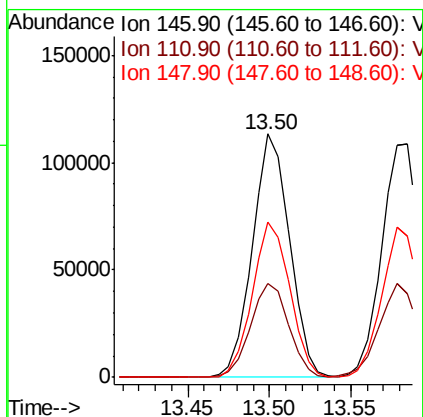
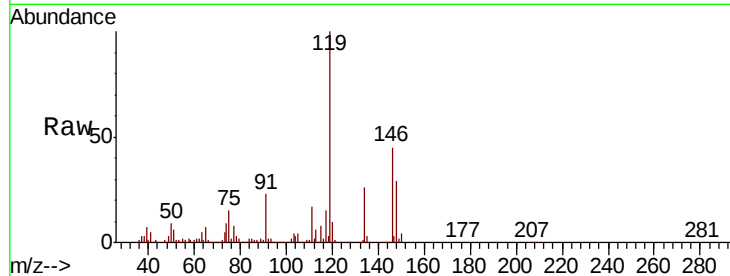
Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

Tgt Ion:	146	Resp:	179545
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.9
148	64.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.446 ug/l

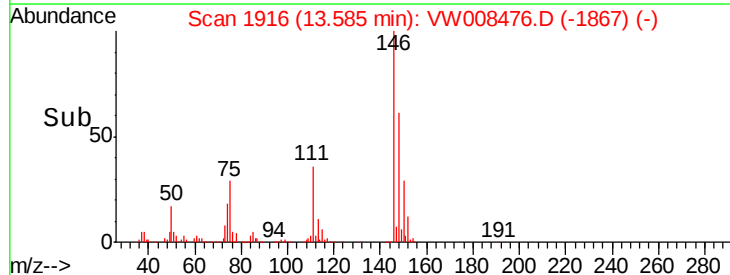
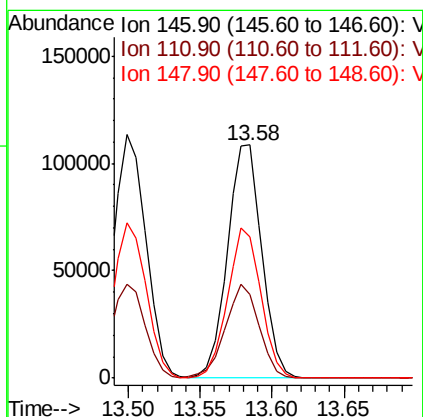
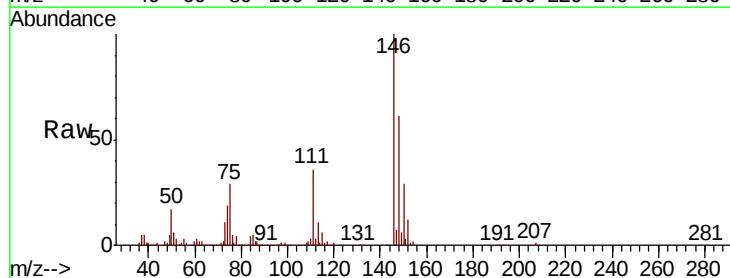
RT: 13.58 min Scan# 1916

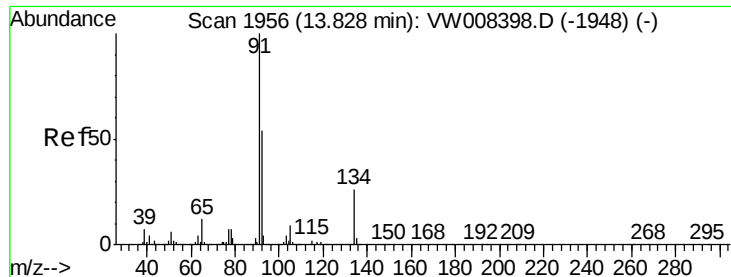
Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Tgt Ion:	146	Resp:	180637
Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	62.8	32.0	96.2





#89

n-Butylbenzene

Concen: 17.135 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

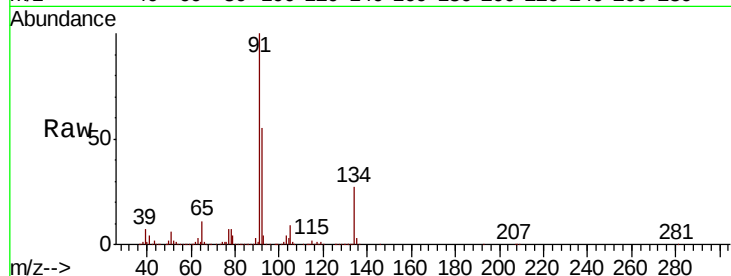
Tgt Ion: 91 Resp: 349740

Ion Ratio Lower Upper

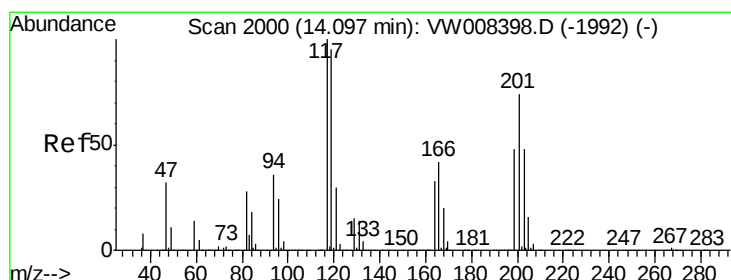
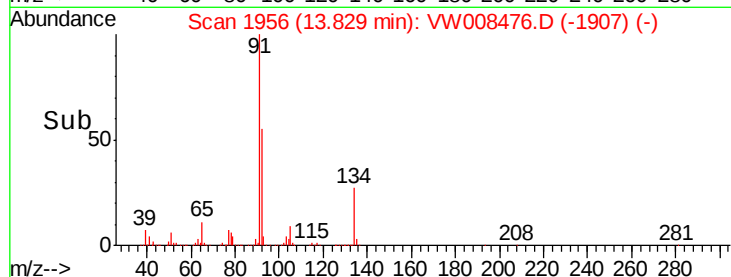
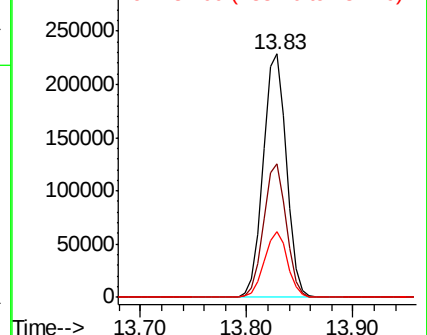
91 100

92 54.0 27.4 82.2

134 26.8 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.378 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008476.D

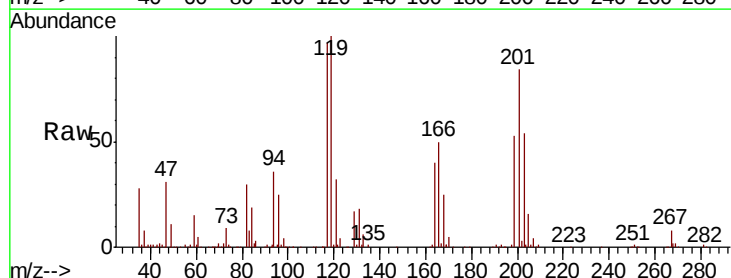
Acq: 01 Feb 2019 12:45

Tgt Ion: 117 Resp: 70645

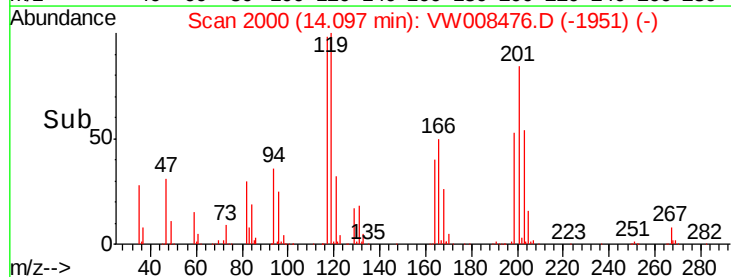
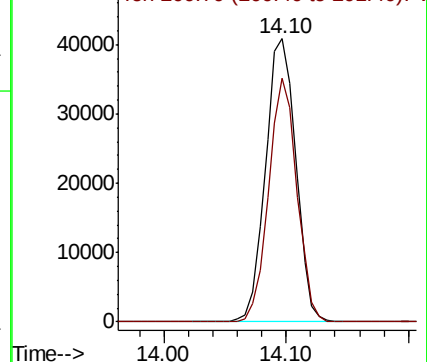
Ion Ratio Lower Upper

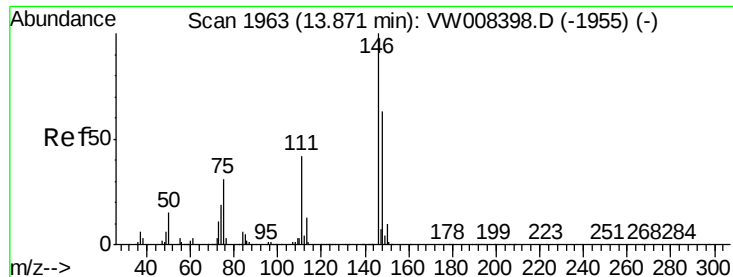
117 100

201 80.3 39.1 117.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.304 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

VW0201SBSD01

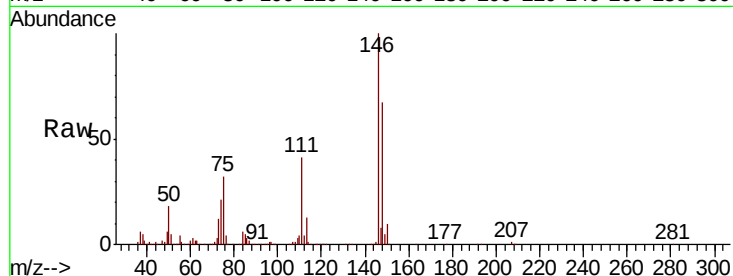
Tgt Ion:146 Resp: 159592

Ion Ratio Lower Upper

146 100

111 40.2 21.1 63.3

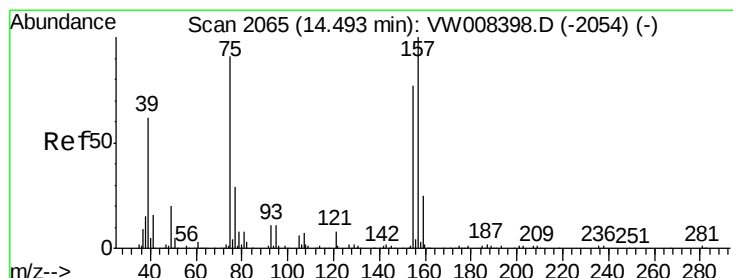
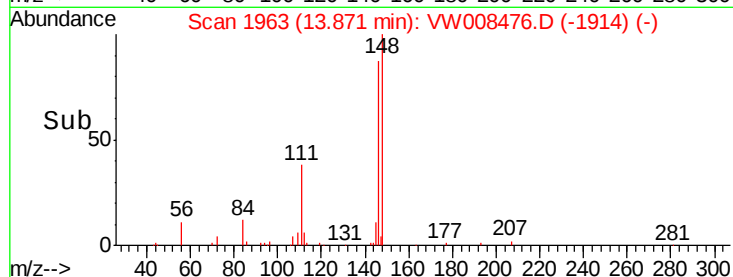
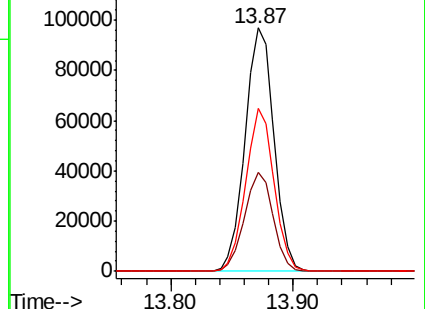
148 65.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.797 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW008476.D

Acq: 01 Feb 2019 12:45

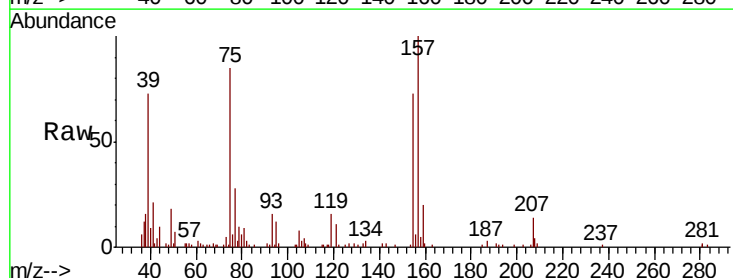
Tgt Ion: 75 Resp: 11944

Ion Ratio Lower Upper

75 100

155 91.3 42.7 128.1

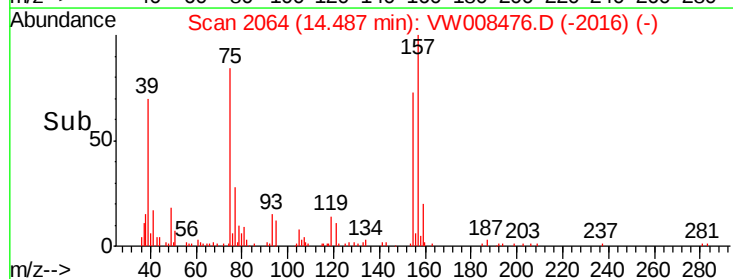
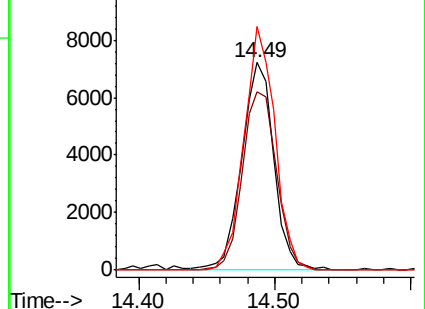
157 112.4 55.5 166.3

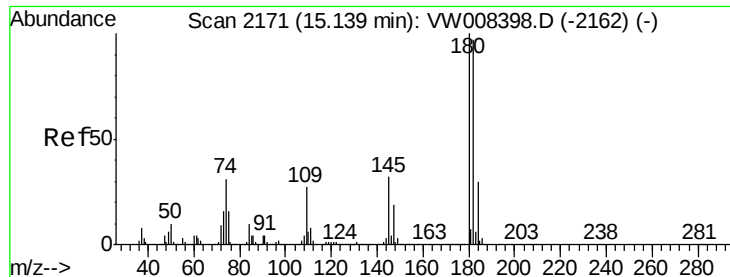


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

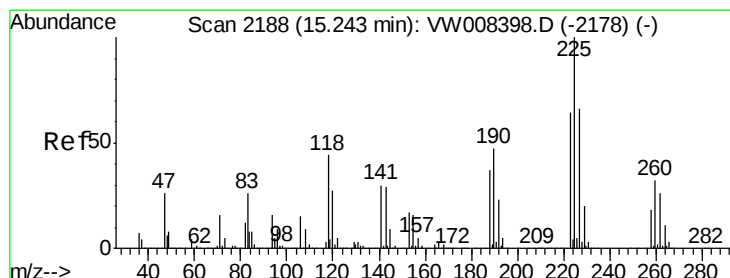
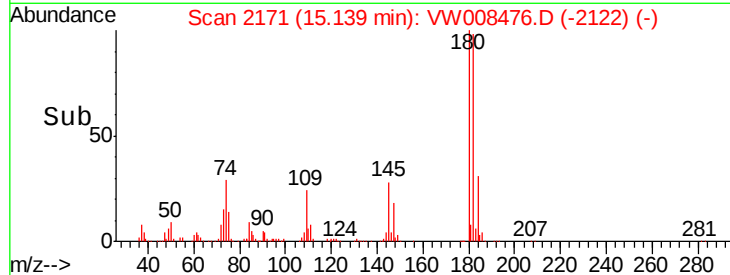
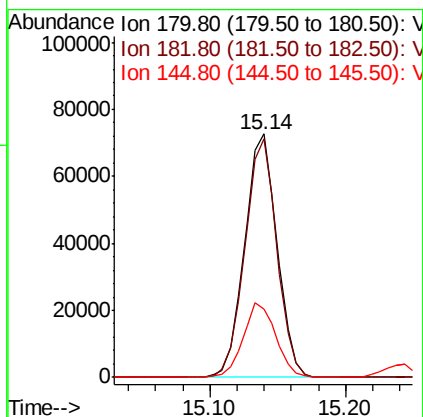
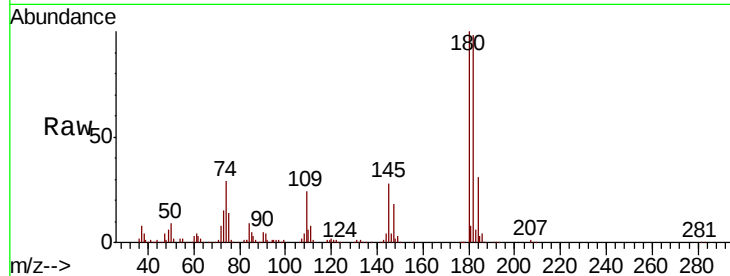




#93
 1,2,4-Trichlorobenzene
 Concen: 19.462 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

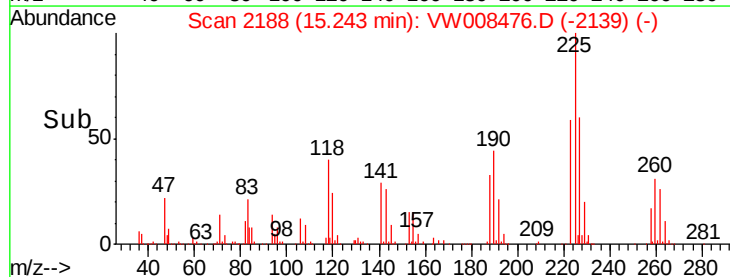
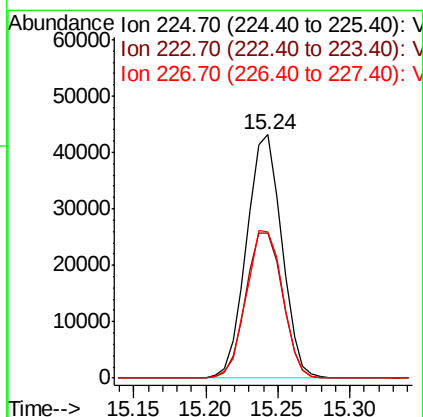
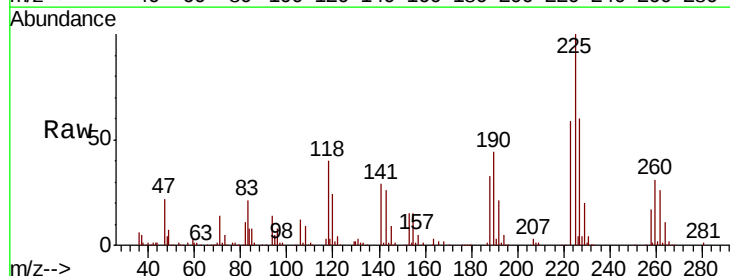
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0201SBSD01

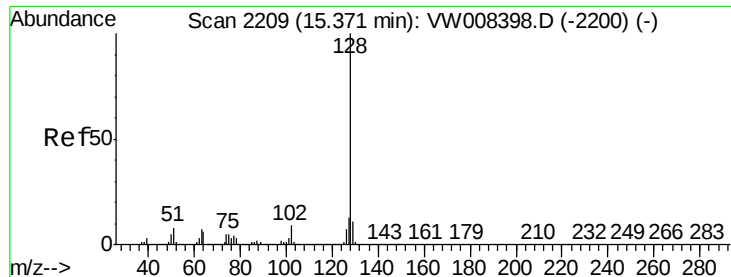
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.9	143.7
145	30.6	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 19.430 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008476.D
 Acq: 01 Feb 2019 12:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.7	95.1
227	62.7	32.1	96.3

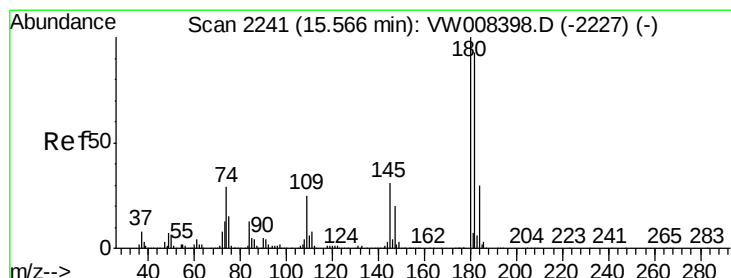
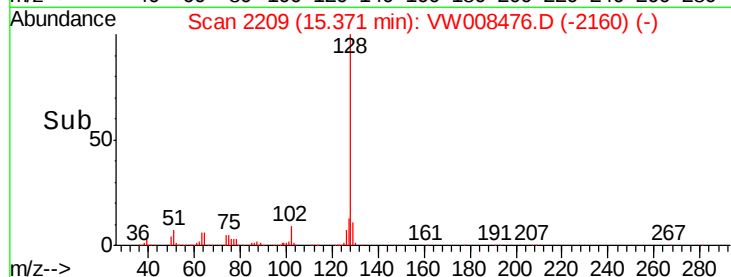
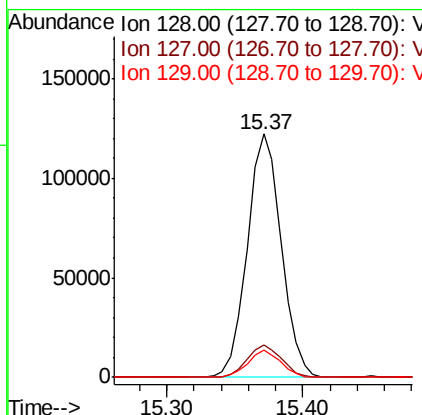
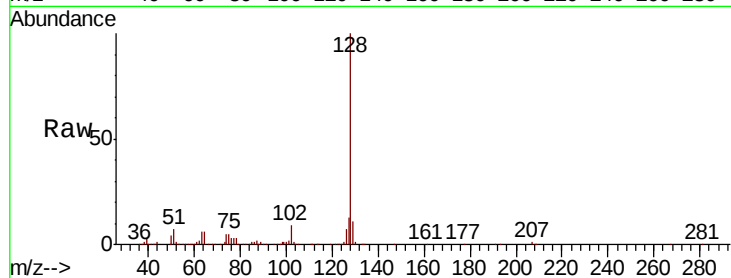




#95
Naphthalene
Concen: 19.597 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0201SBSD01

Tgt Ion:128 Resp: 214096
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.739 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008476.D
Acq: 01 Feb 2019 12:45

Tgt Ion:180 Resp: 104182
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.2
145 31.9 15.9 47.6

