

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090119\
 Data File : VW012466.D
 Acq On : 02 Sep 2019 00:15
 Operator : SY/VA
 Sample : VW0901SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Quant Time: Sep 02 07:23:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	139795	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133909	57.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.74%	
35) Dibromofluoromethane	7.88	113	100869	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	10.32	98	399685	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	145437	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	18243	15.220	ug/l	98
3) Chloromethane	2.21	50	35838	19.299	ug/l	93
4) Vinyl Chloride	2.36	62	40875	17.983	ug/l	97
6) Chloroethane	2.89	64	24855	19.385	ug/l	95
7) Trichlorofluoromethane	3.25	101	21741	19.049	ug/l	99
8) Diethyl Ether	3.68	74	22273	20.560	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37118	19.133	ug/l	97
10) Methyl Iodide	4.26	142	49670	18.923	ug/l	98
11) Tert butyl alcohol	5.17	59	17435	125.196	ug/l #	71
12) 1,1-Dichloroethene	4.03	96	35166	18.010	ug/l	97
13) Acrolein	3.89	56	10107	77.100	ug/l	100
14) Allyl chloride	4.66	41	80238	19.222	ug/l	97
15) Acrylonitrile	5.36	53	61010	113.622	ug/l	100
16) Acetone	4.12	43	56274	95.132	ug/l	95
17) Carbon Disulfide	4.37	76	87998	14.912	ug/l	99
18) Methyl Acetate	4.66	43	38801	26.483	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	73663	23.328	ug/l	98
20) Methylene Chloride	4.91	84	44979	20.114	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	39508	18.868	ug/l	89
22) Diisopropyl ether	6.31	45	168201	21.738	ug/l	97
23) Vinyl Acetate	6.25	43	480743	100.958	ug/l	99
24) 1,1-Dichloroethane	6.21	63	86634	20.564	ug/l	99
25) 2-Butanone	7.17	43	86446	107.543	ug/l	99
26) 2,2-Dichloropropane	7.16	77	46762	19.610	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	45745	20.448	ug/l	98
28) Bromochloromethane	7.51	49	41985	22.865	ug/l	98
29) Tetrahydrofuran	7.52	42	54471	112.949	ug/l	98
30) Chloroform	7.68	83	84344	21.882	ug/l	98
31) Cyclohexane	7.95	56	70918	17.014	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	64649	21.202	ug/l	100
36) 1,1-Dichloropropene	8.08	75	62169	18.990	ug/l	100
37) Ethyl Acetate	7.25	43	37513	20.911	ug/l	99
38) Carbon Tetrachloride	8.07	117	56522	19.948	ug/l	97
39) Methylcyclohexane	9.33	83	62330	16.948	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	177400	19.845	ug/l	98
41) Methacrylonitrile	7.48	41	24641	23.370	ug/l	98
42) 1,2-Dichloroethane	8.40	62	63250	22.576	ug/l	99
43) Isopropyl Acetate	8.42	43	70388	21.182	ug/l	99
44) Trichloroethene	9.09	130	43162	19.862	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49048	20.387	ug/l	97
46) Dibromomethane	9.46	93	22831	21.329	ug/l	99
47) Bromodichloromethane	9.64	83	61282	21.511	ug/l	99
48) Methyl methacrylate	9.43	41	33931	21.454	ug/l	96
49) 1,4-Dioxane	9.44	88	7722	471.229	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	194056	114.813	ug/l	98
52) Toluene	10.38	92	108812	20.262	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	59962	20.663	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69724	19.899	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	33464	22.096	ug/l	99
56) Ethyl methacrylate	10.65	69	47736	21.656	ug/l	98
57) 1,3-Dichloropropane	10.93	76	62104	21.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	119887	105.976	ug/l	100
59) 2-Hexanone	10.97	43	130651	109.248	ug/l	98
60) Dibromochloromethane	11.13	129	36715	21.765	ug/l	99
61) 1,2-Dibromoethane	11.23	107	30606	21.692	ug/l	98
64) Tetrachloroethene	10.86	164	37872	20.659	ug/l	98
65) Chlorobenzene	11.66	112	114236	20.518	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	41395	21.312	ug/l	99
67) Ethyl Benzene	11.73	91	212531	19.816	ug/l	99
68) m/p-Xylenes	11.84	106	154028	39.869	ug/l	99
69) o-Xylene	12.16	106	72488	20.273	ug/l	99
70) Styrene	12.18	104	126087	20.372	ug/l	98
71) Bromoform	12.35	173	20837	21.532	ug/l #	99
73) Isopropylbenzene	12.46	105	202112	19.295	ug/l	98
74) N-amyl acetate	12.27	43	63673	20.119	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	41073	21.388	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	53146	39.035	ug/l #	100
77) Bromobenzene	12.74	156	46418	20.483	ug/l	97
78) n-propylbenzene	12.80	91	249698	19.526	ug/l	99
79) 2-Chlorotoluene	12.89	91	146551	20.185	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	178230	20.362	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	11961	19.262	ug/l	92
82) 4-Chlorotoluene	12.99	91	152184	20.019	ug/l	100
83) tert-Butylbenzene	13.21	119	149639	20.182	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	176692	20.096	ug/l	100
85) sec-Butylbenzene	13.38	105	209803	19.751	ug/l	100
86) p-Isopropyltoluene	13.50	119	189363	19.961	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	91850	20.722	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	89798	20.403	ug/l	98
89) n-Butylbenzene	13.82	91	182148	19.308	ug/l	99
90) Hexachloroethane	14.09	117	32911	19.774	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	82342	21.176	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7247	22.385	ug/l	96
93) 1,2,4-Trichlorobenzene	15.13	180	55313	20.584	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

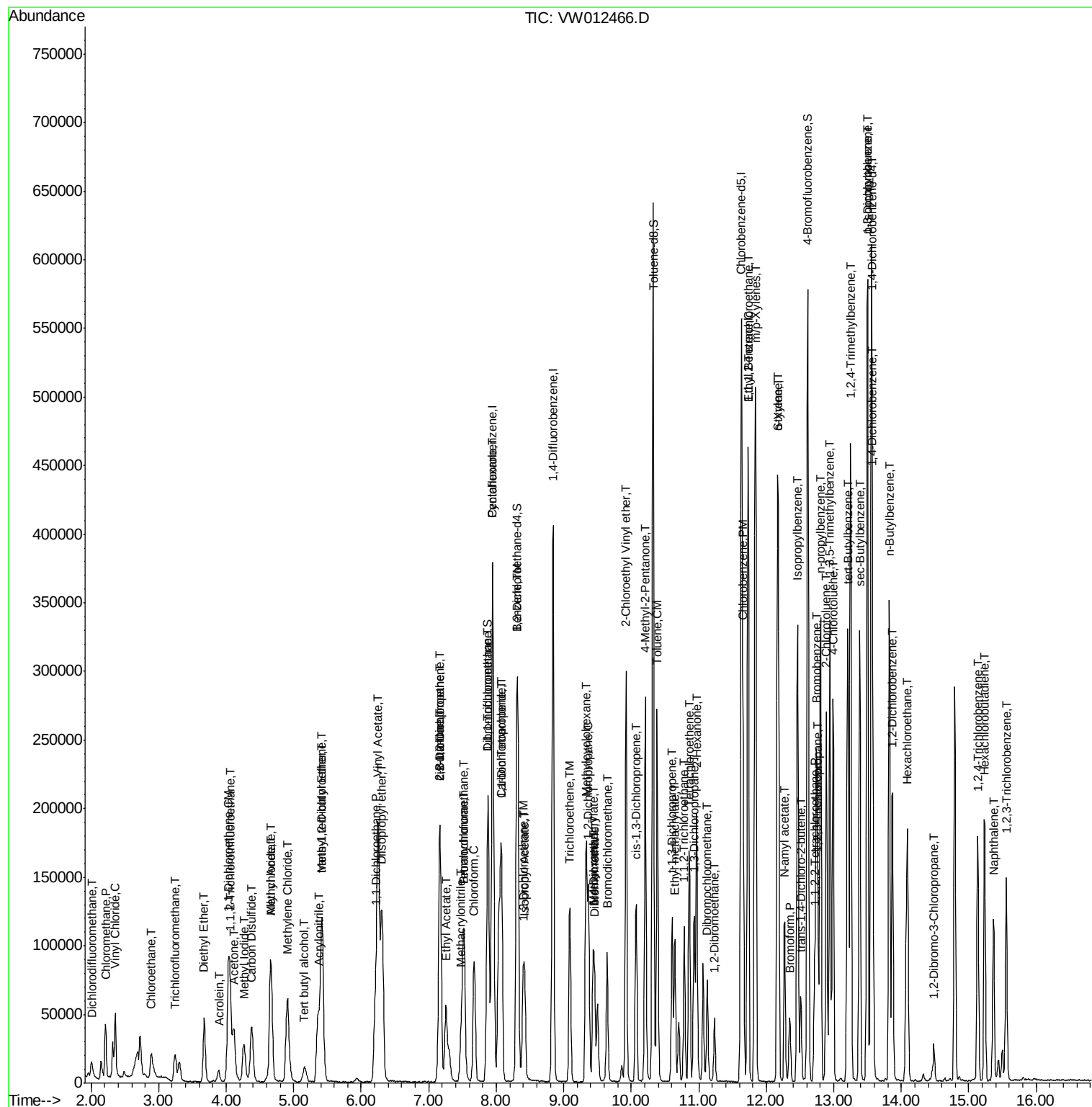
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	38461	21.676	ug/l	99
95) Naphthalene	15.36	128	95062	20.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	49251	21.007	ug/l	99

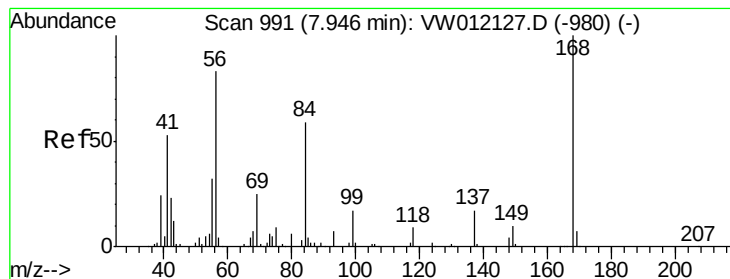
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

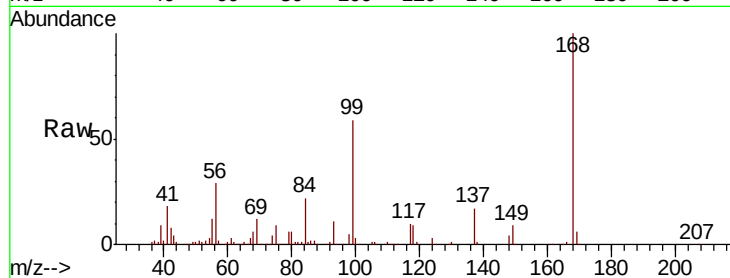
VW0901SBS02

Tgt Ion:168 Resp: 194666

Ion Ratio Lower Upper

168 100

99 59.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

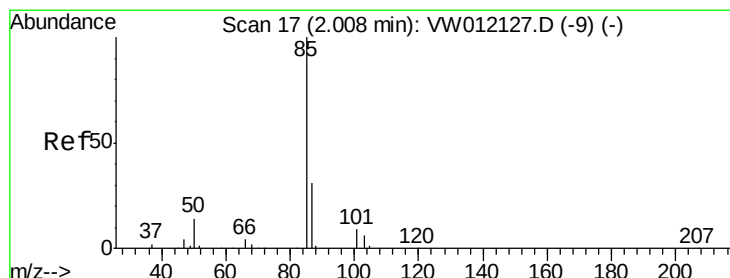
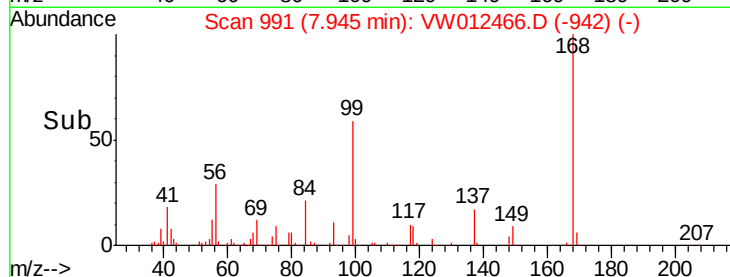
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 15.220 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012466.D

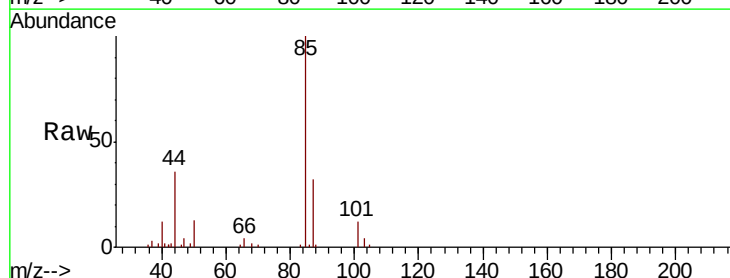
Acq: 02 Sep 2019 00:15

Tgt Ion: 85 Resp: 18243

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

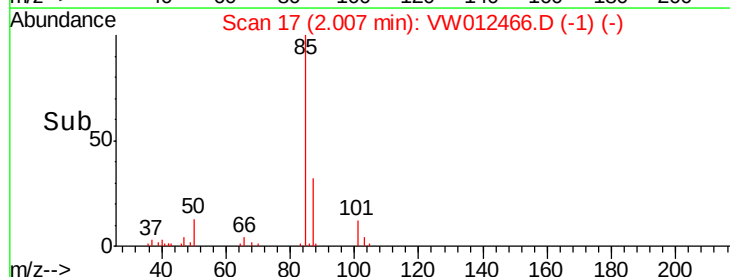
4000

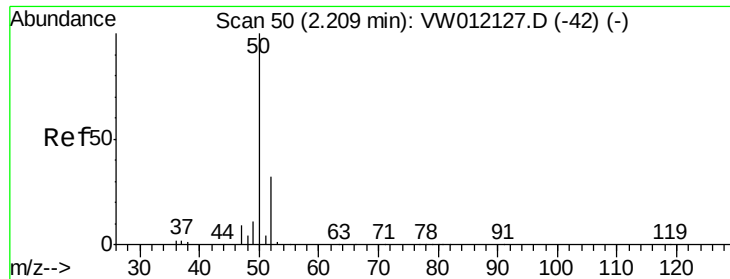
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.299 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

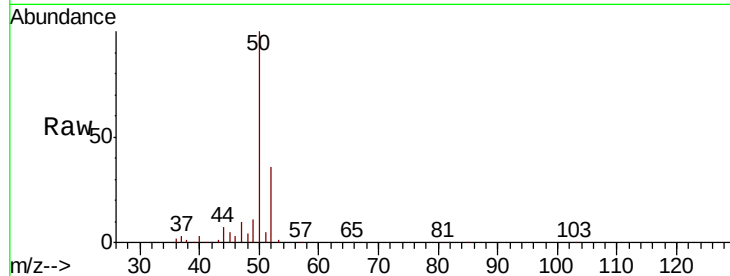
VW0901SBS02

Tgt Ion: 50 Resp: 35838

Ion Ratio Lower Upper

50 100

52 35.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

25000

20000

15000

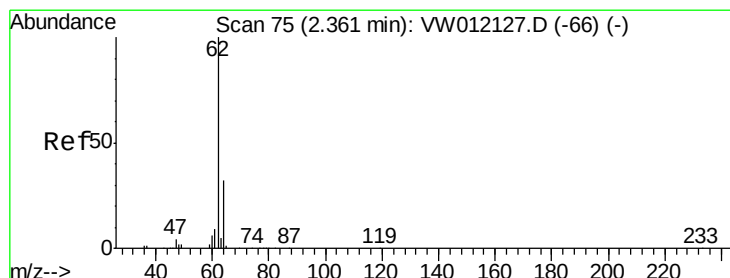
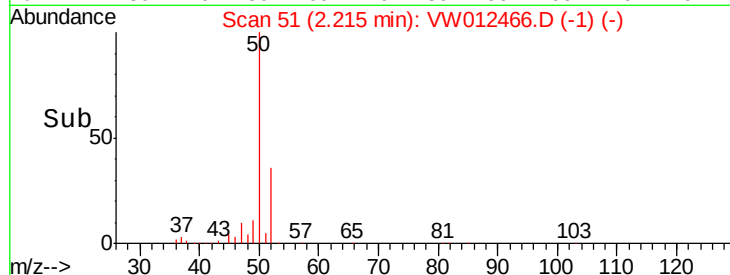
10000

5000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 17.983 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012466.D

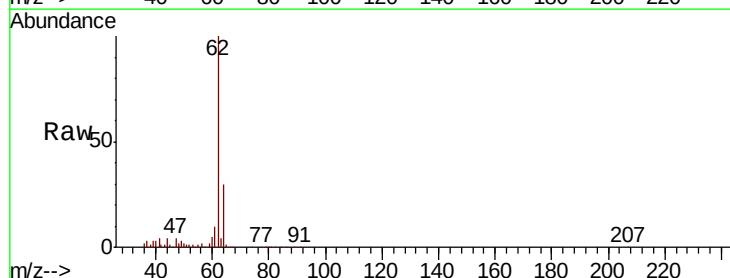
Acq: 02 Sep 2019 00:15

Tgt Ion: 62 Resp: 40875

Ion Ratio Lower Upper

62 100

64 29.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

30000

25000

20000

15000

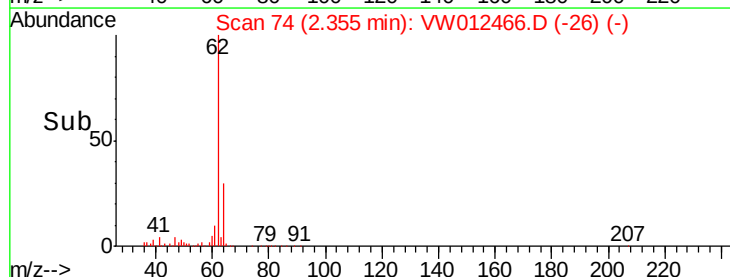
10000

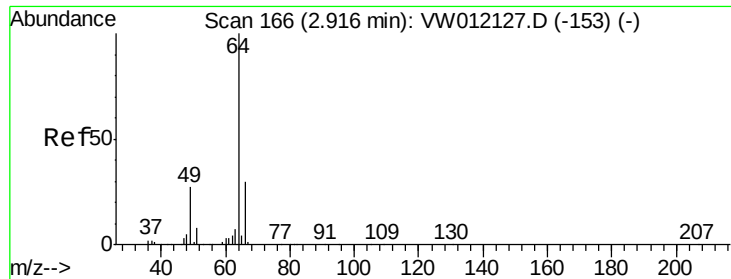
5000

0

Time-->

2.30 2.35 2.40





#6

Chloroethane

Concen: 19.385 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.02 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

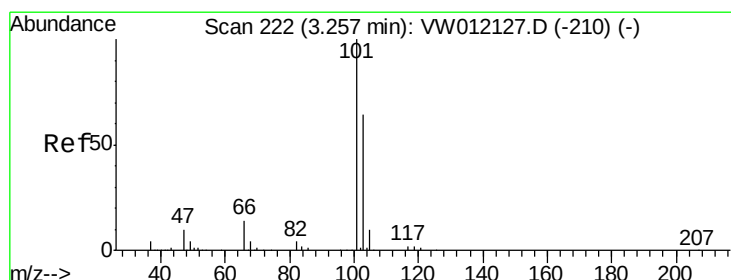
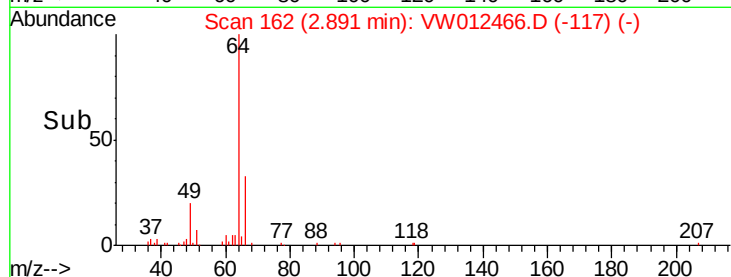
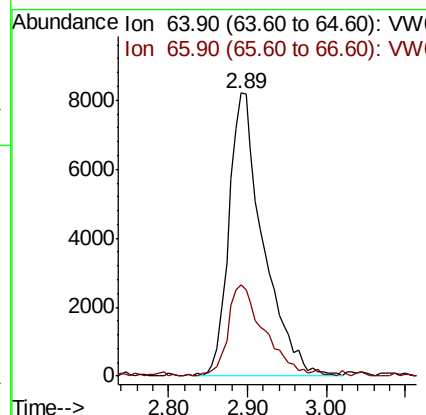
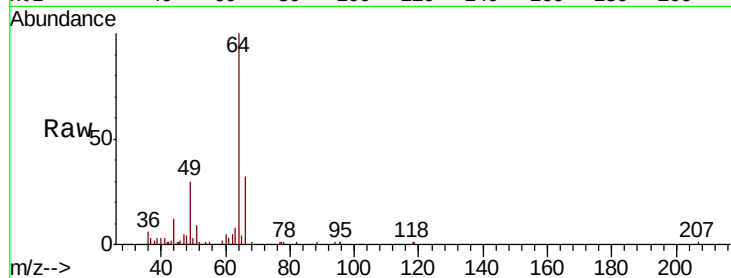
VW0901SBS02

Tgt Ion: 64 Resp: 24855

Ion Ratio Lower Upper

64 100

66 32.4 23.8 35.8



#7

Trichlorofluoromethane

Concen: 19.049 ug/l

RT: 3.25 min Scan# 220

Delta R.T. -0.01 min

Lab File: VW012466.D

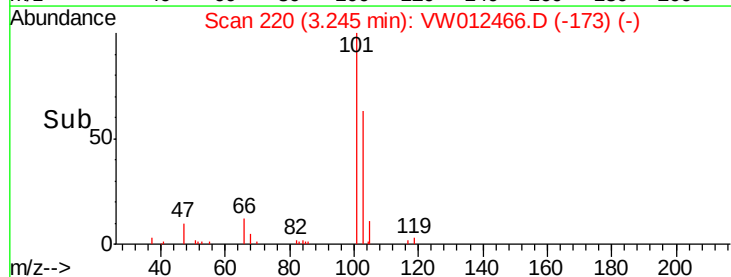
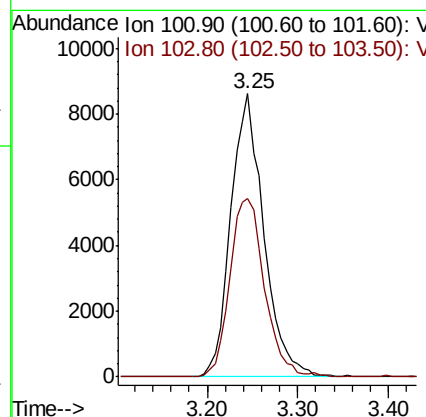
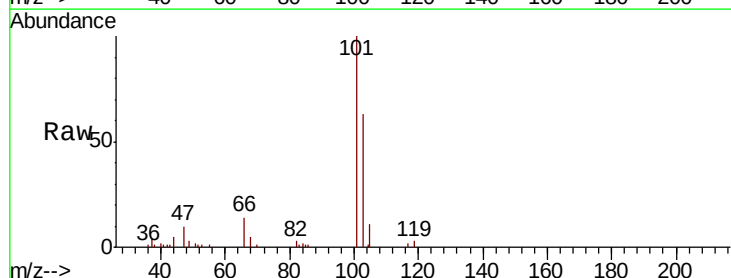
Acq: 02 Sep 2019 00:15

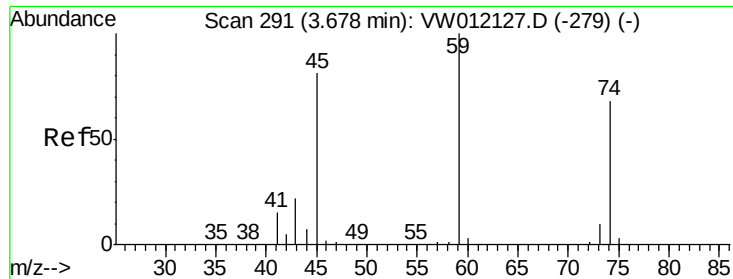
Tgt Ion: 101 Resp: 21741

Ion Ratio Lower Upper

101 100

103 63.0 51.2 76.8





#8

Diethyl Ether

Concen: 20.560 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampled :

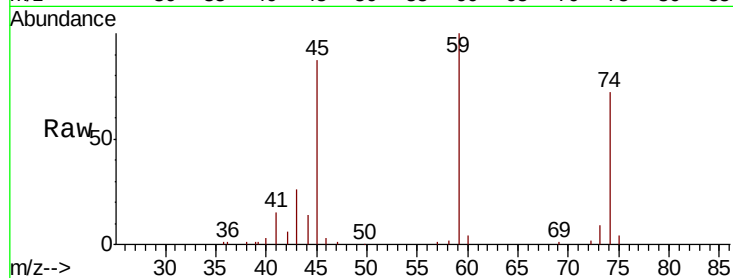
VW0901SBS02

Tgt Ion: 74 Resp: 22273

Ion Ratio Lower Upper

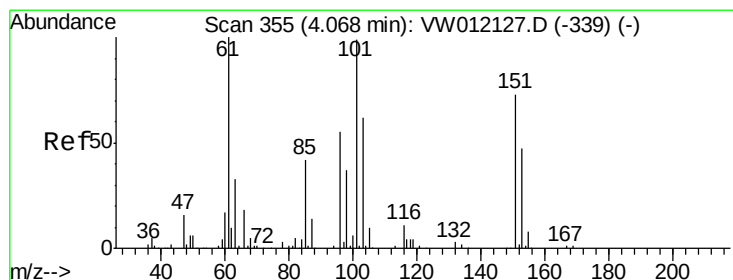
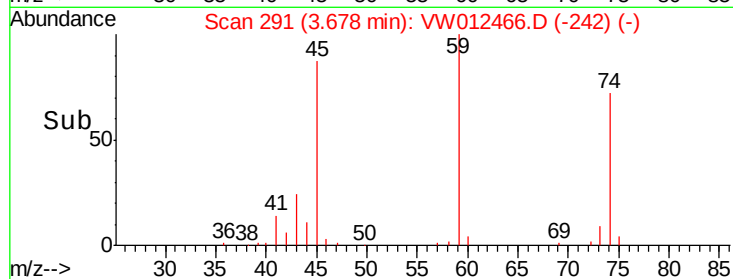
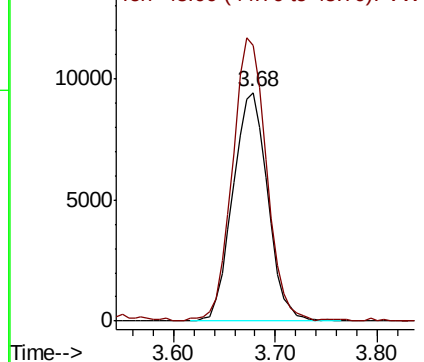
74 100

45 121.6 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.133 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

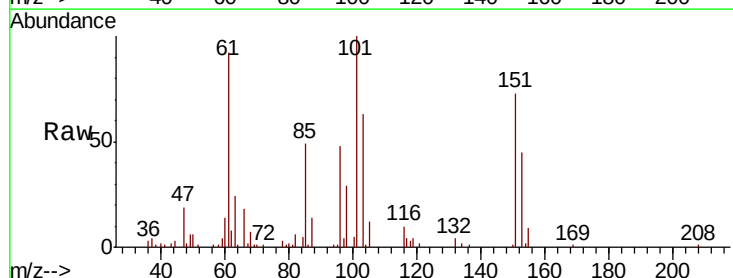
Tgt Ion: 101 Resp: 37118

Ion Ratio Lower Upper

101 100

85 46.1 35.8 53.6

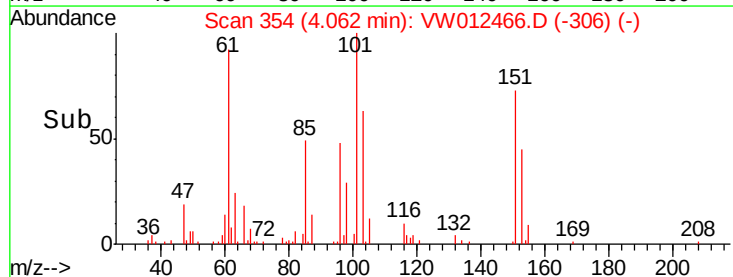
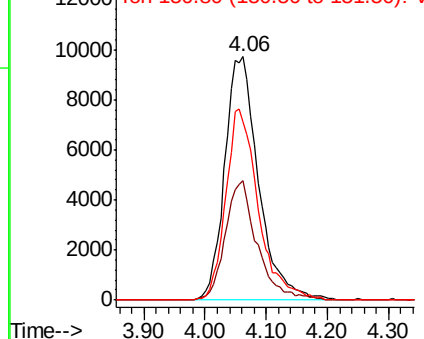
151 75.6 58.6 87.8

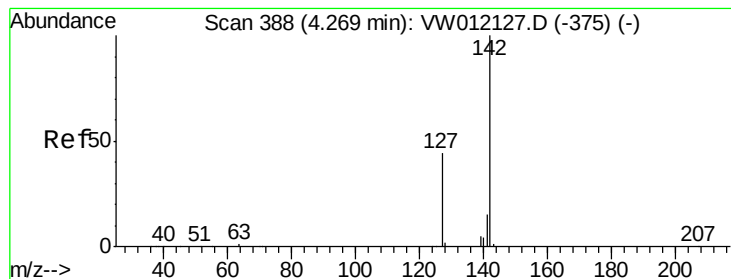


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V





#10

Methyl Iodide

Concen: 18.923 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

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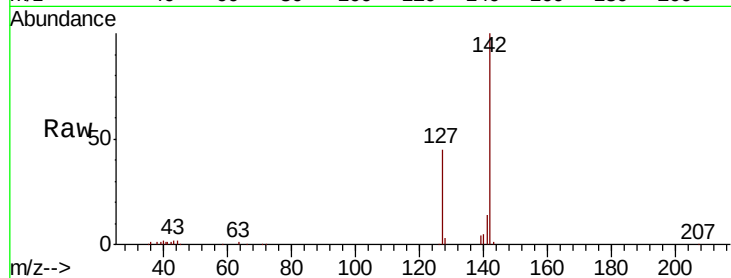
Tgt Ion:142 Resp: 49670

Ion Ratio Lower Upper

142 100

127 46.4 35.5 53.3

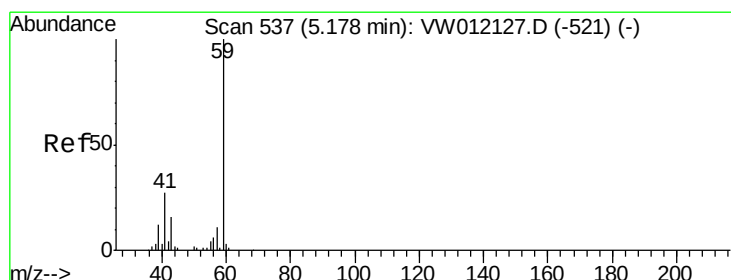
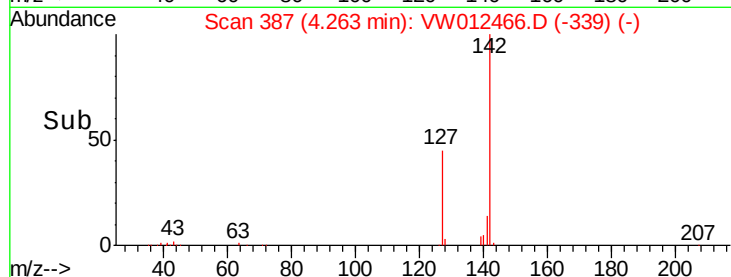
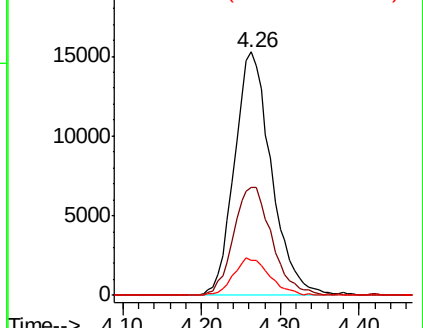
141 14.9 11.8 17.8



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: 125.196 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW012466.D

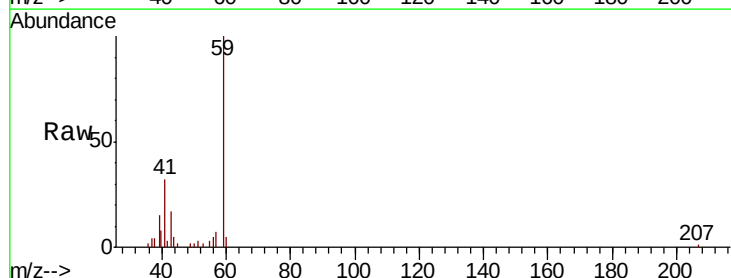
Acq: 02 Sep 2019 00:15

Tgt Ion: 59 Resp: 17435

Ion Ratio Lower Upper

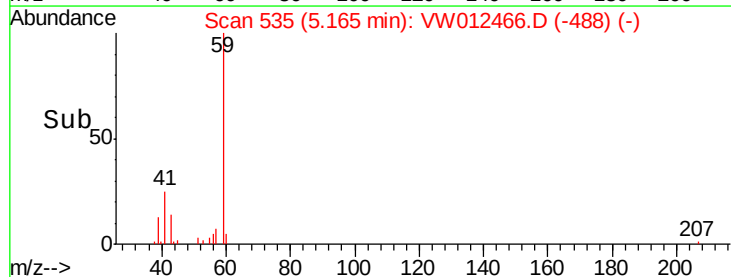
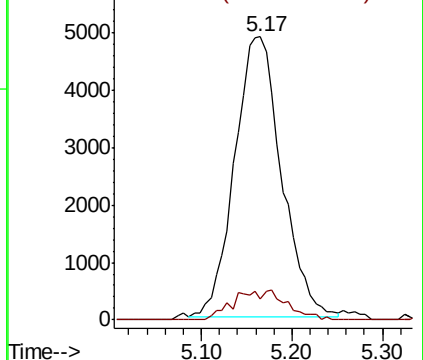
59 100

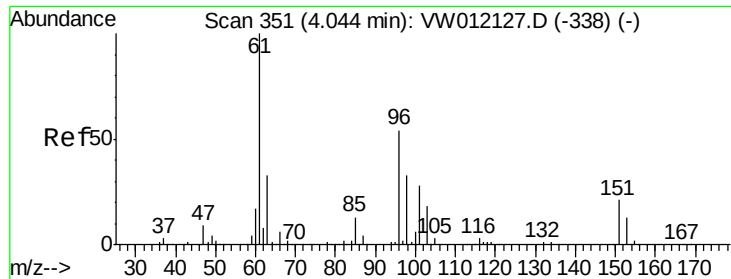
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 18.010 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

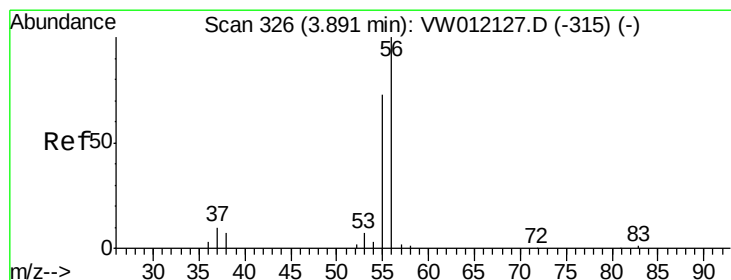
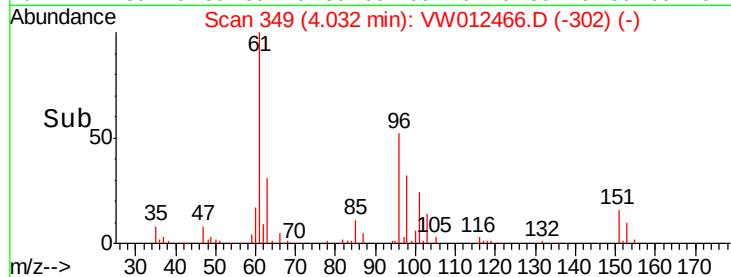
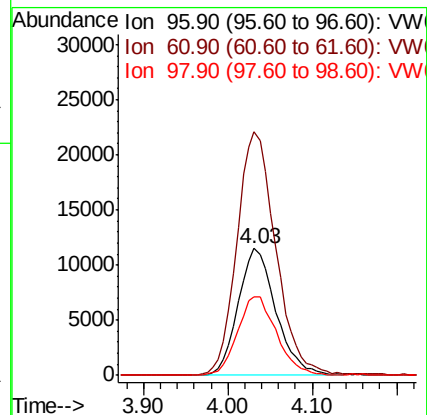
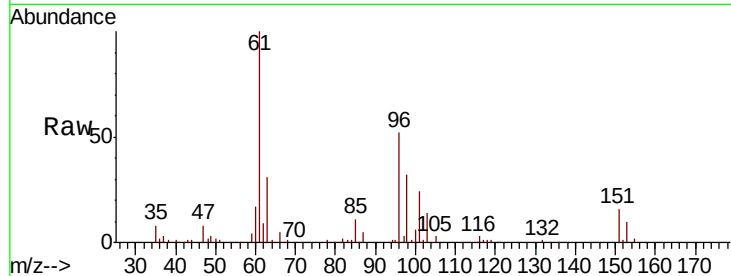
Tgt Ion: 96 Resp: 35166

Ion Ratio Lower Upper

96 100

61 192.1 149.1 223.7

98 61.8 49.4 74.2



#13

Acrolein

Concen: 77.100 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012466.D

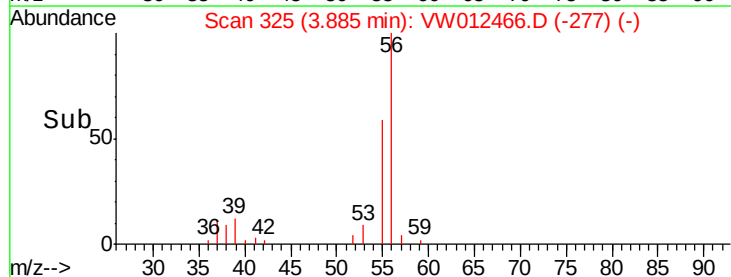
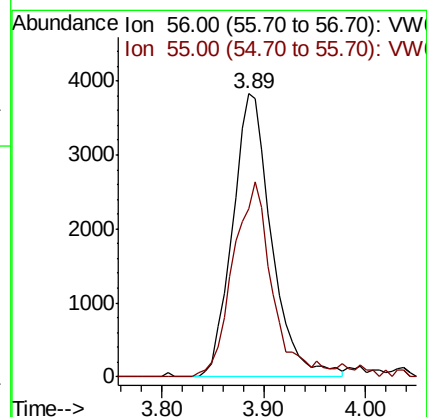
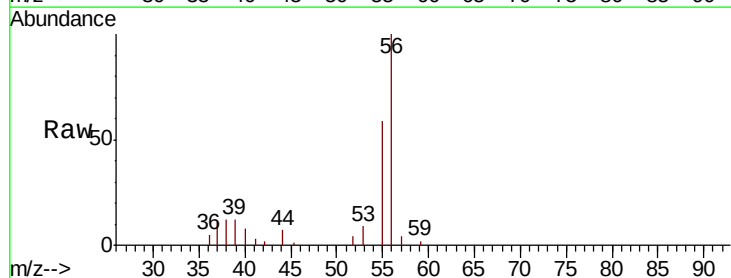
Acq: 02 Sep 2019 00:15

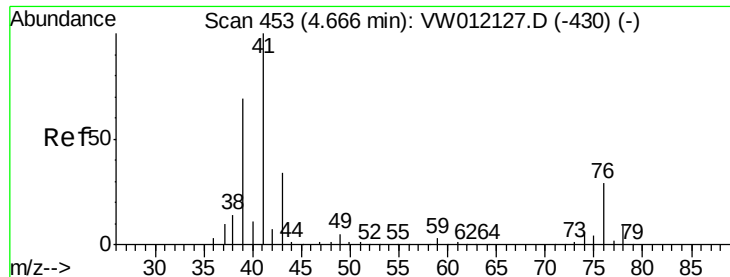
Tgt Ion: 56 Resp: 10107

Ion Ratio Lower Upper

56 100

55 69.7 55.8 83.8

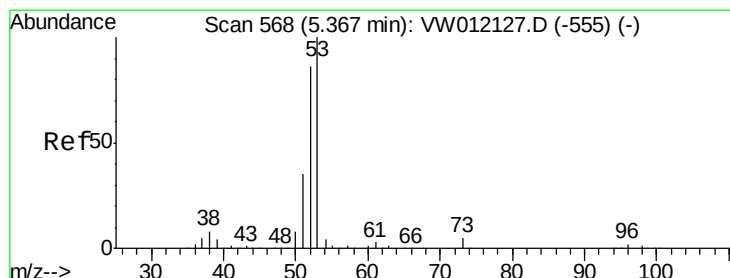
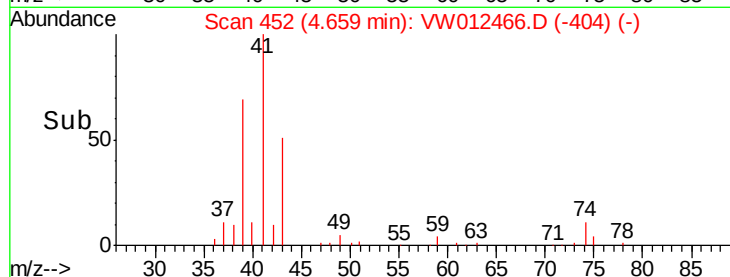
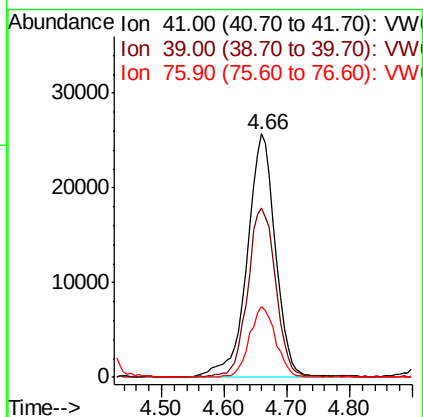
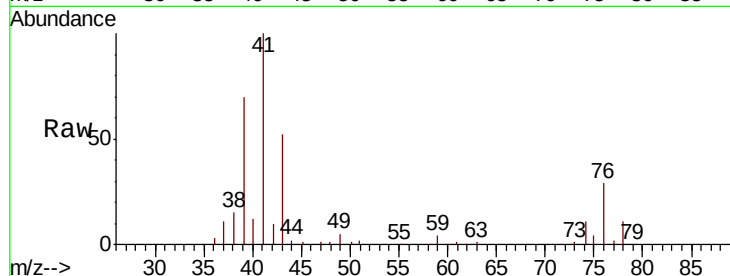




#14
 Allyl chloride
 Concen: 19.222 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

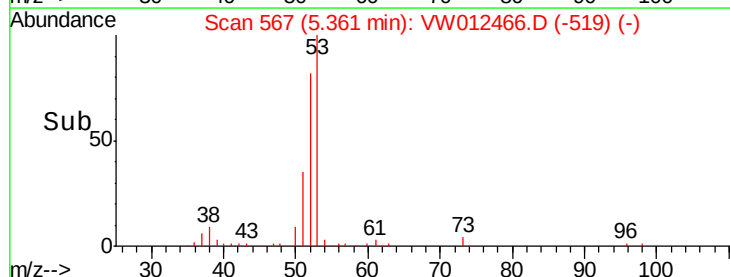
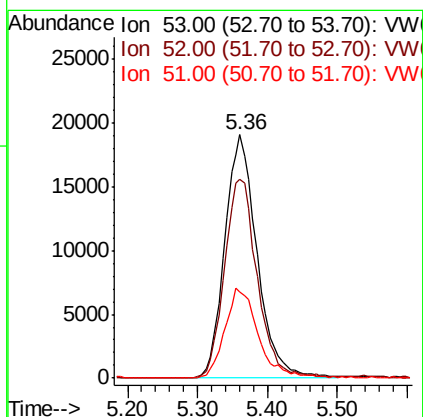
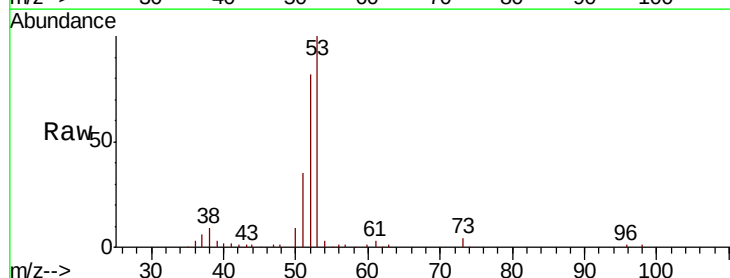
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

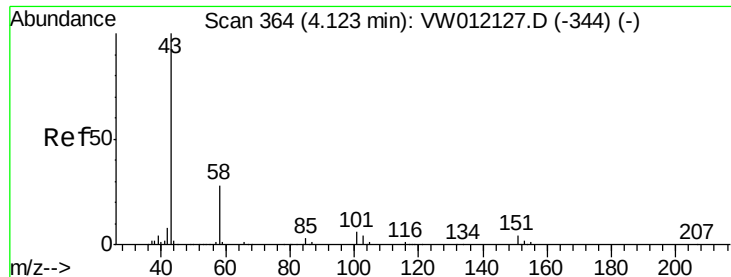
Tgt Ion: 41 Resp: 80238
 Ion Ratio Lower Upper
 41 100
 39 69.4 53.4 80.2
 76 26.8 22.1 33.1



#15
 Acrylonitrile
 Concen: 113.622 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 53 Resp: 61010
 Ion Ratio Lower Upper
 53 100
 52 83.4 66.7 100.1
 51 38.2 30.1 45.1

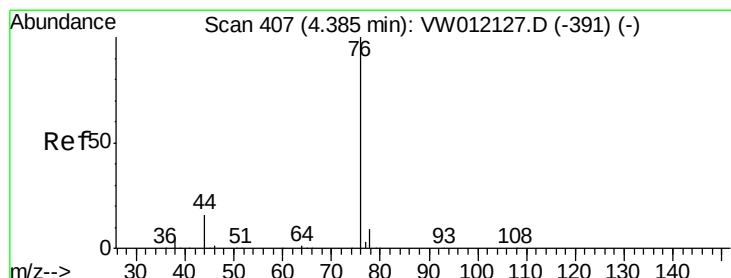
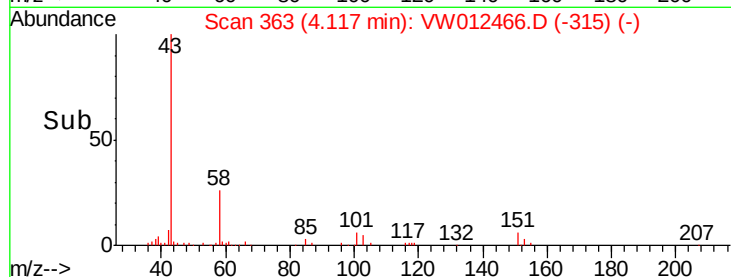
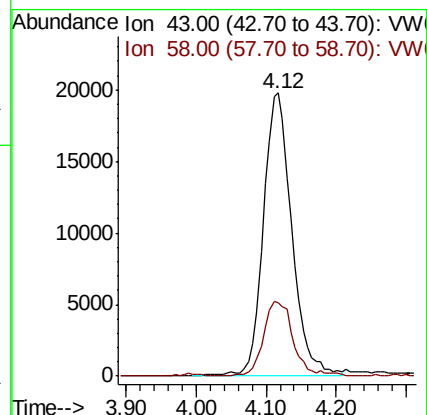
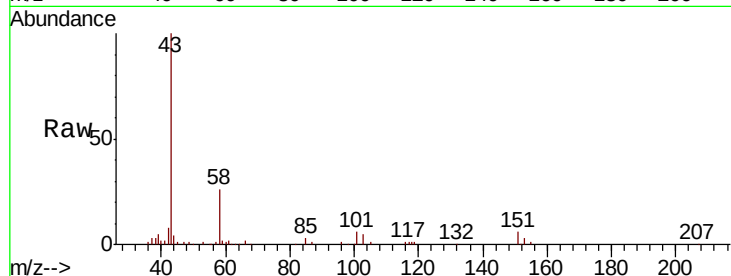




#16
Acetone
Concen: 95.132 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

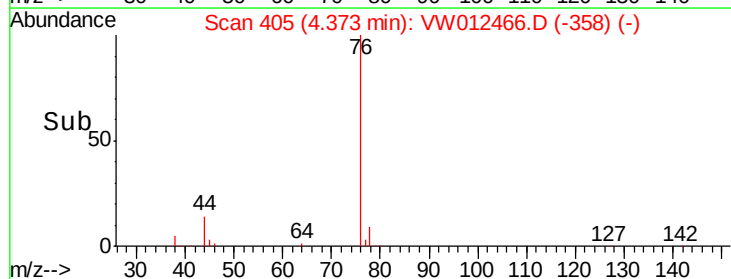
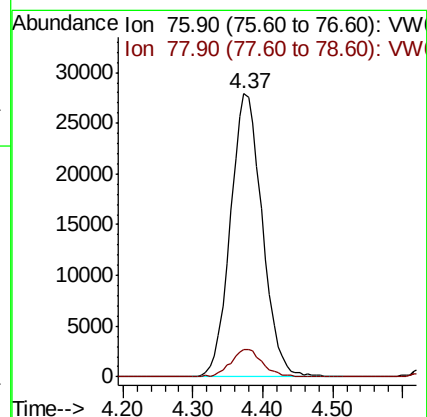
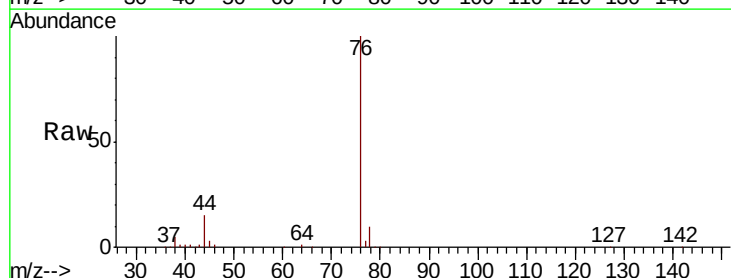
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

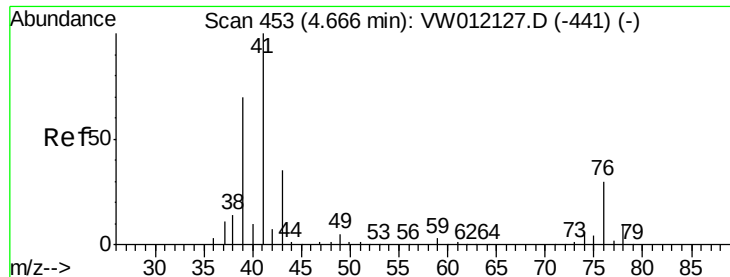
Tgt Ion: 43 Resp: 56274
Ion Ratio Lower Upper
43 100
58 25.5 22.4 33.6



#17
Carbon Disulfide
Concen: 14.912 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion: 76 Resp: 87998
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

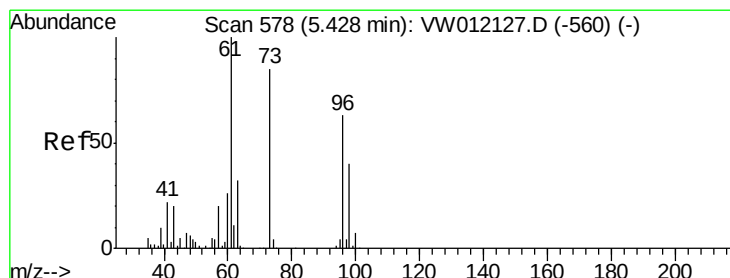
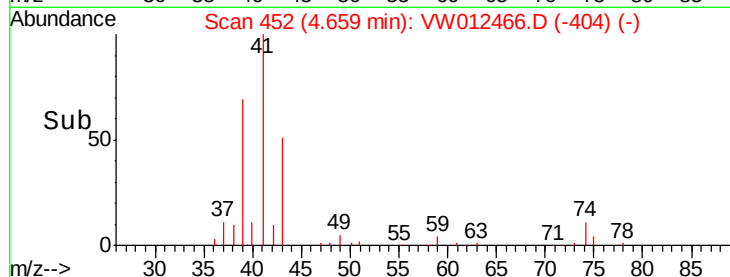
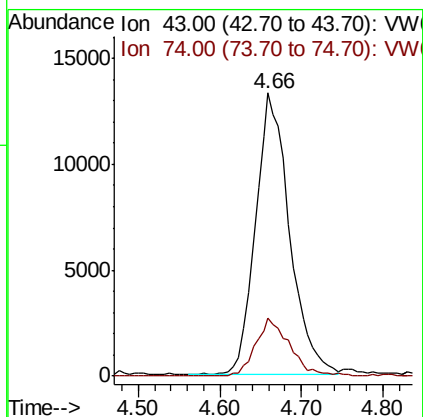
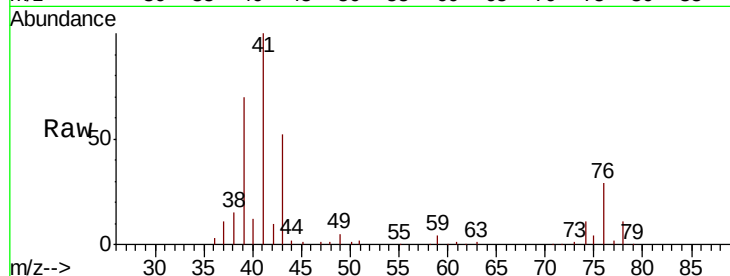




#18
Methyl Acetate
Concen: 26.483 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

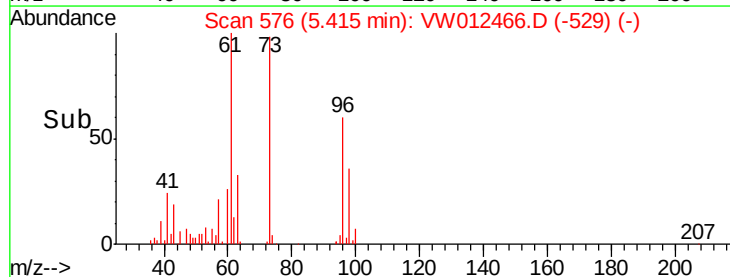
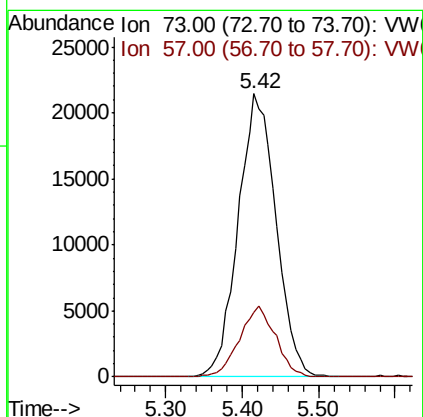
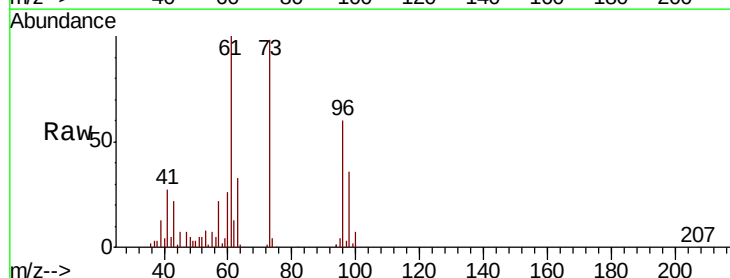
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

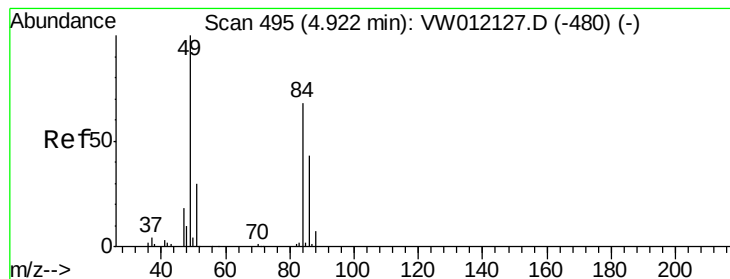
Tgt Ion: 43 Resp: 38801
Ion Ratio Lower Upper
43 100
74 20.6 15.7 23.5



#19
Methyl tert-butyl Ether
Concen: 23.328 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion: 73 Resp: 73663
Ion Ratio Lower Upper
73 100
57 22.8 18.9 28.3





#20

Methylene Chloride

Concen: 20.114 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tgt Ion: 84 Resp: 44979

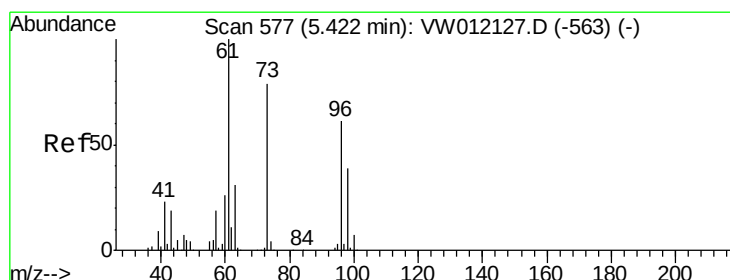
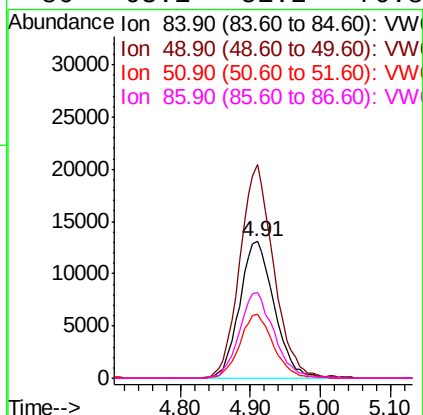
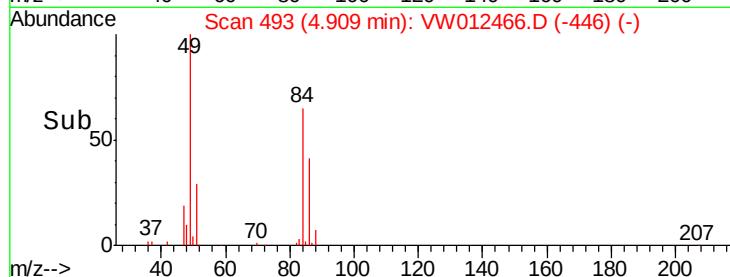
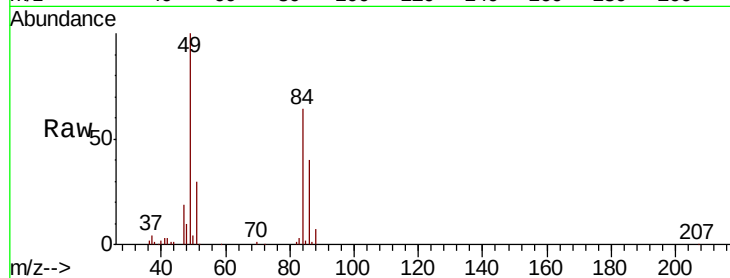
Ion Ratio Lower Upper

84 100

49 156.1 117.8 176.8

51 46.4 35.6 53.4

86 63.1 51.2 76.8



#21

trans-1,2-Dichloroethene

Concen: 18.868 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

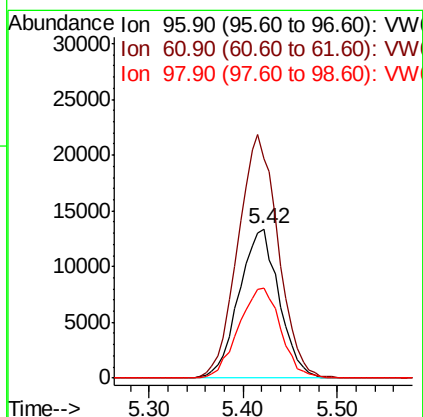
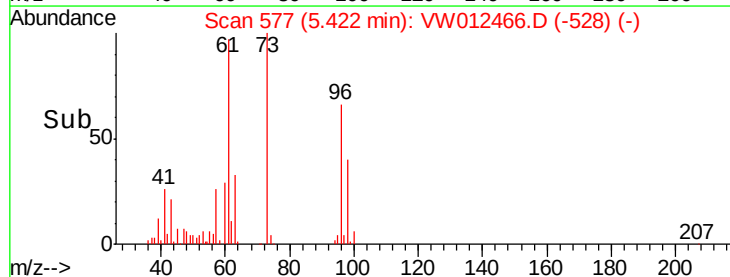
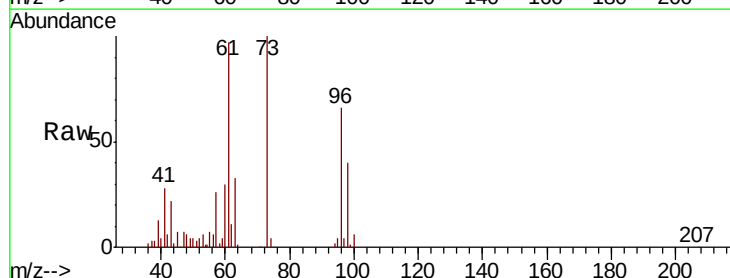
Tgt Ion: 96 Resp: 39508

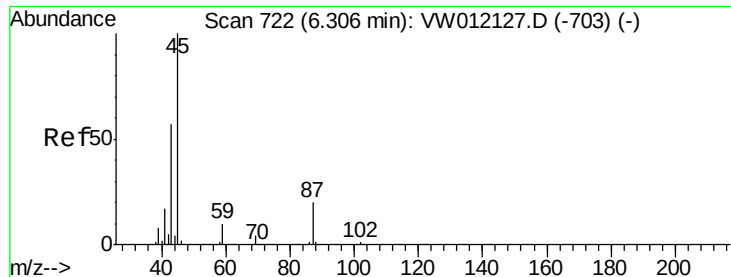
Ion Ratio Lower Upper

96 100

61 146.5 131.4 197.0

98 60.5 51.4 77.0





#22

Diisopropyl ether

Concen: 21.738 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tgt Ion: 45 Resp: 168201

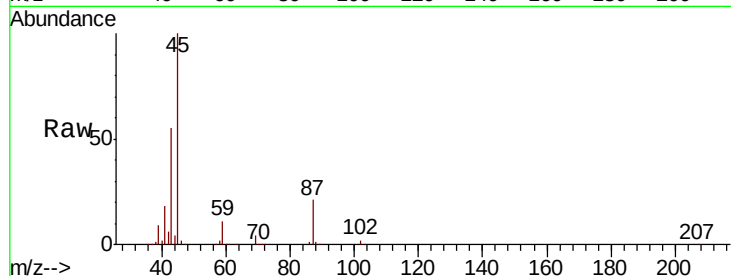
Ion Ratio Lower Upper

45 100

43 54.5 45.5 68.3

87 20.6 16.1 24.1

59 10.7 8.2 12.2

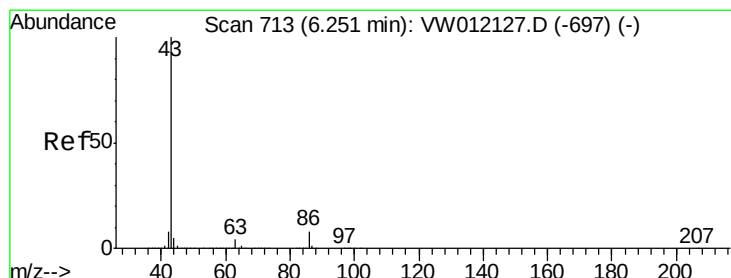
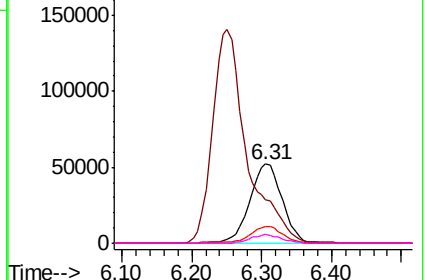
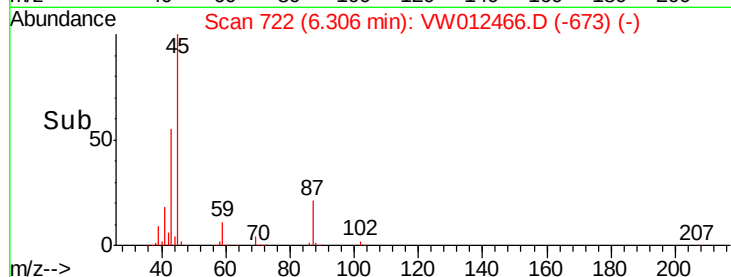


Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW



#23

Vinyl Acetate

Concen: 100.958 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012466.D

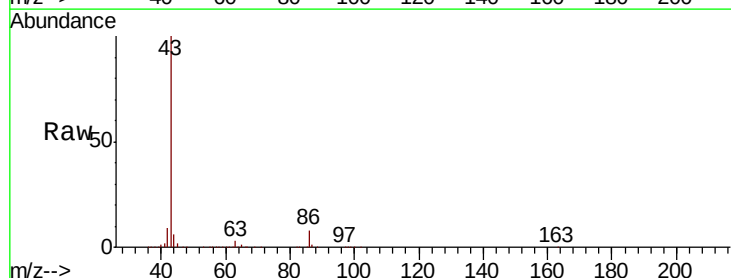
Acq: 02 Sep 2019 00:15

Tgt Ion: 43 Resp: 480743

Ion Ratio Lower Upper

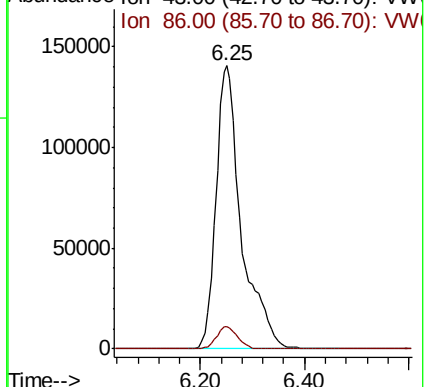
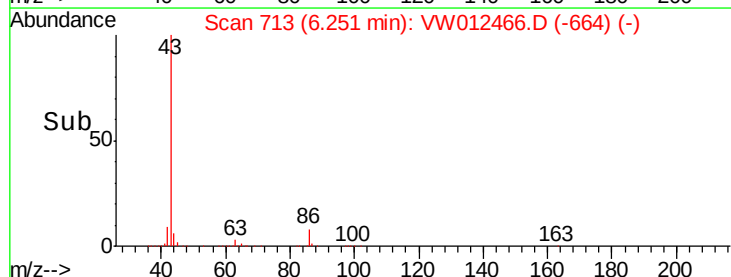
43 100

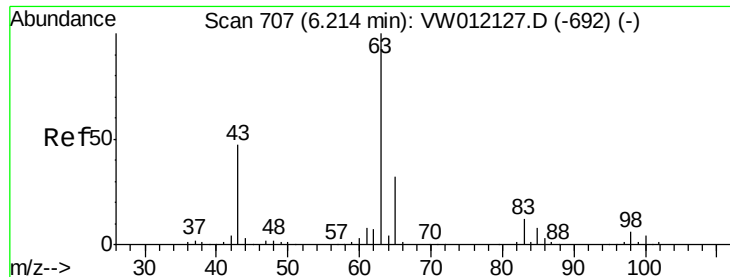
86 7.8 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

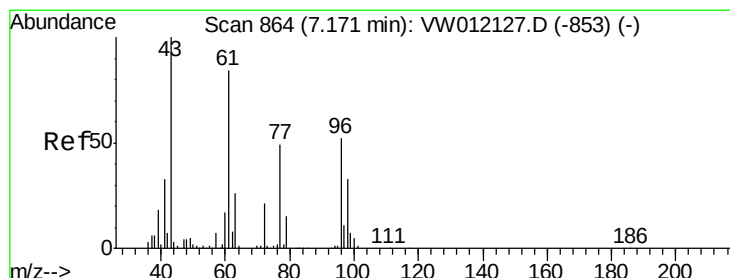
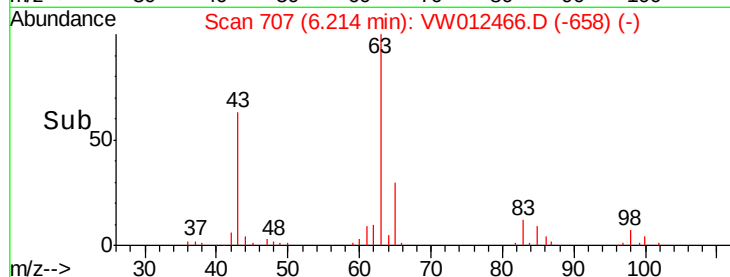
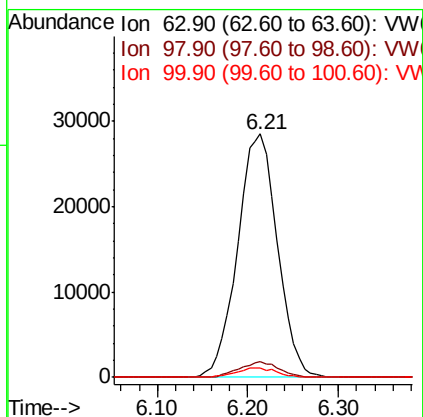
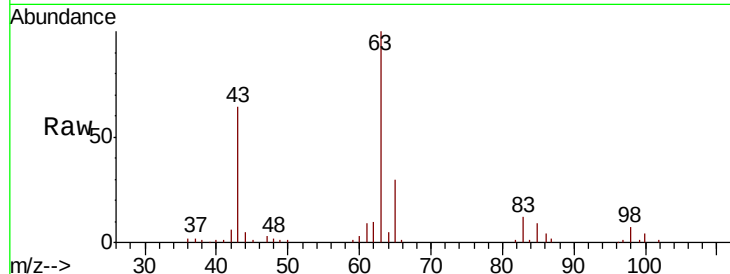




#24
 1,1-Dichloroethane
 Concen: 20.564 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

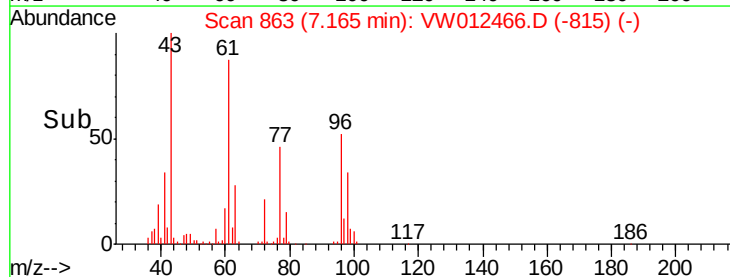
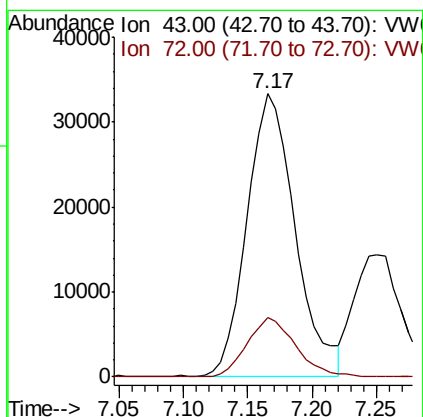
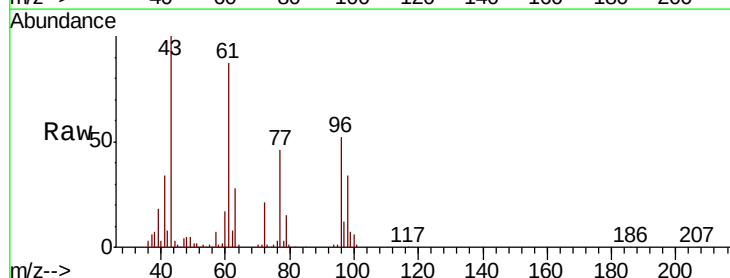
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

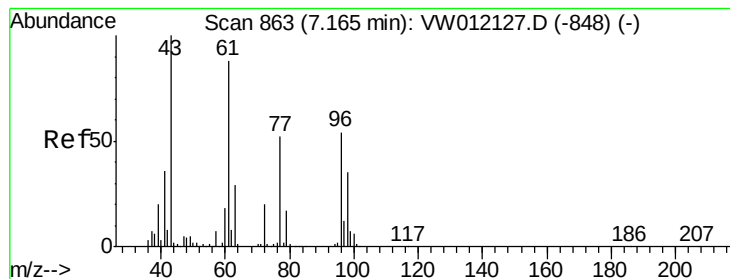
Tgt Ion: 63 Resp: 86634
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.0 9.2
 100 3.9 2.0 6.0



#25
 2-Butanone
 Concen: 107.543 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 43 Resp: 86446
 Ion Ratio Lower Upper
 43 100
 72 21.0 16.6 24.8





#26

2,2-Dichloropropane

Concen: 19.610 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

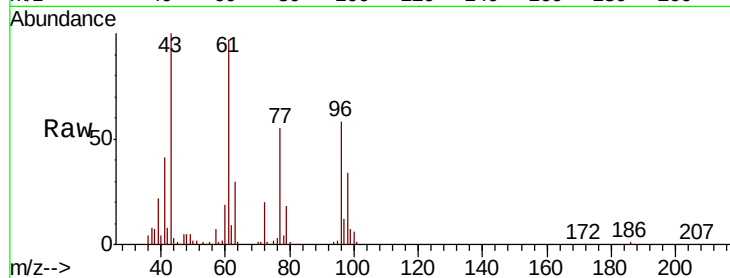
VW0901SBS02

Tgt Ion: 77 Resp: 46762

Ion Ratio Lower Upper

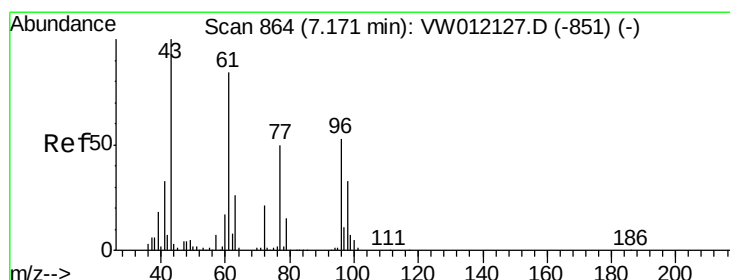
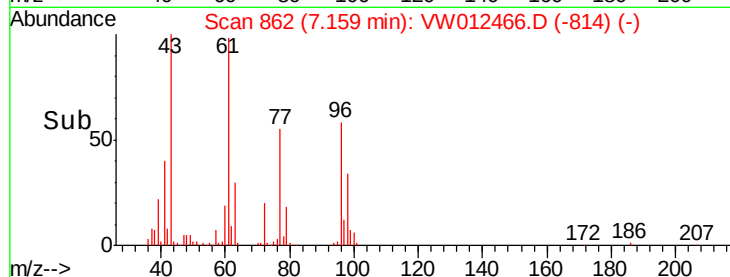
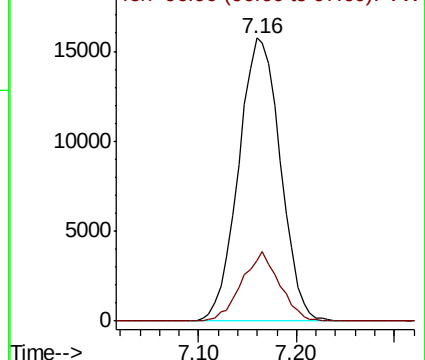
77 100

97 22.2 11.1 33.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#27

cis-1,2-Dichloroethene

Concen: 20.448 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

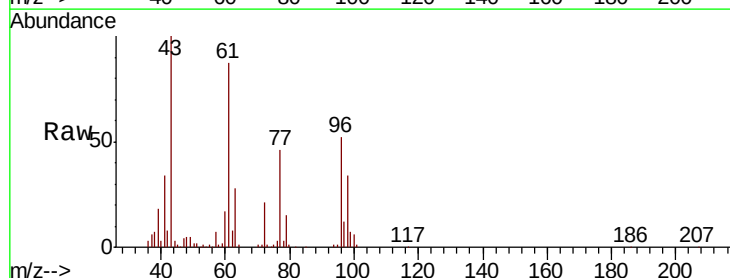
Tgt Ion: 96 Resp: 45745

Ion Ratio Lower Upper

96 100

61 166.2 0.0 326.6

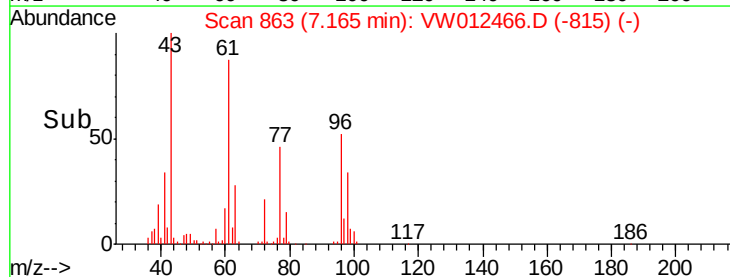
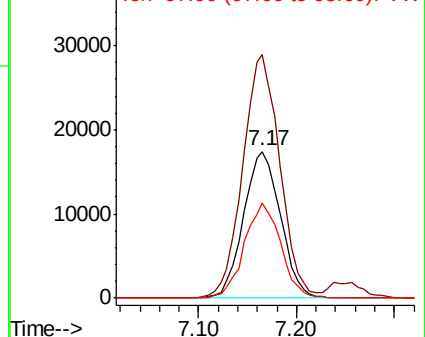
98 63.5 0.0 127.4

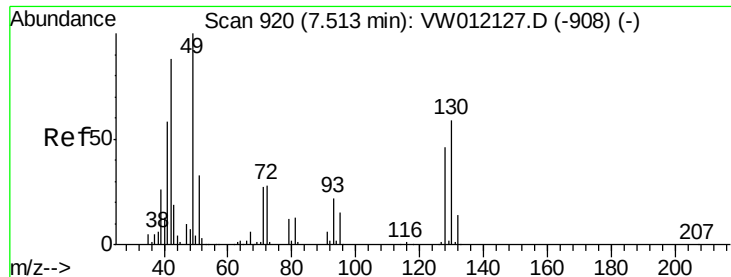


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 22.865 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

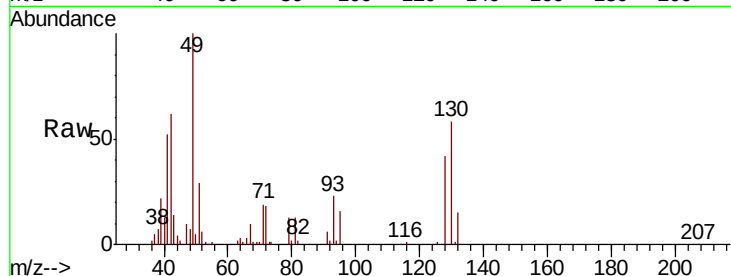
Tgt Ion: 49 Resp: 41985

Ion Ratio Lower Upper

49 100

129 0.5 0.0 1.4

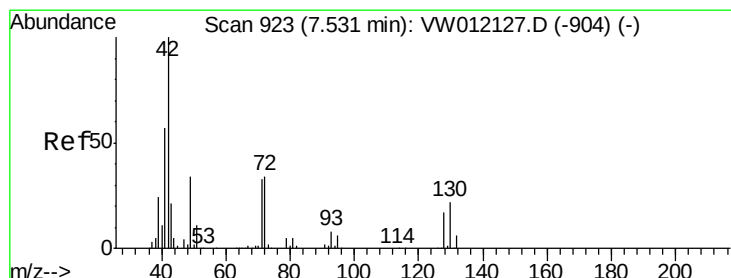
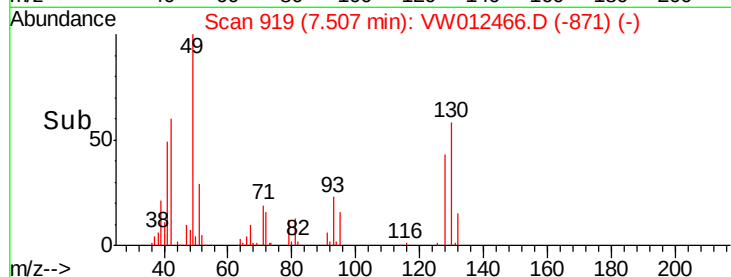
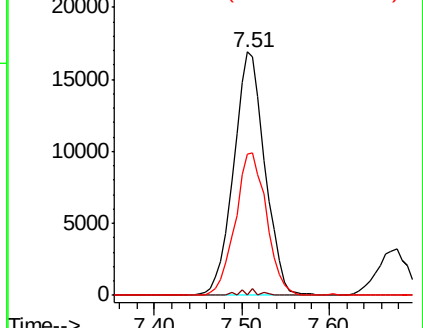
130 58.2 45.5 68.3



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

Ion 129.80 (129.50 to 130.50): VW



#29

Tetrahydrofuran

Concen: 112.949 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

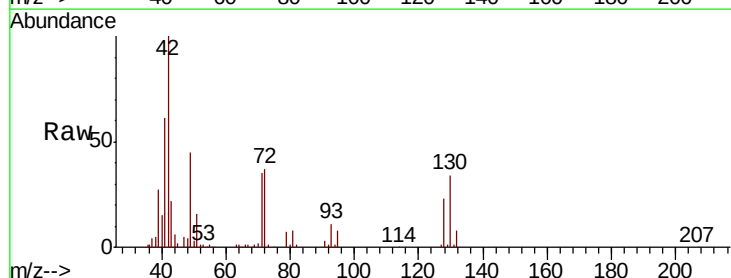
Tgt Ion: 42 Resp: 54471

Ion Ratio Lower Upper

42 100

72 35.2 27.3 40.9

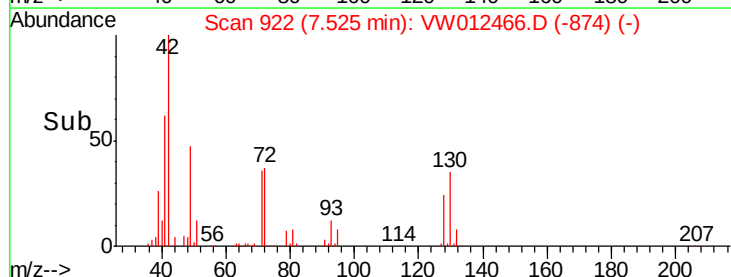
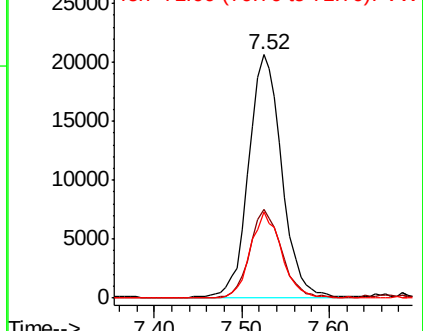
71 33.1 25.5 38.3

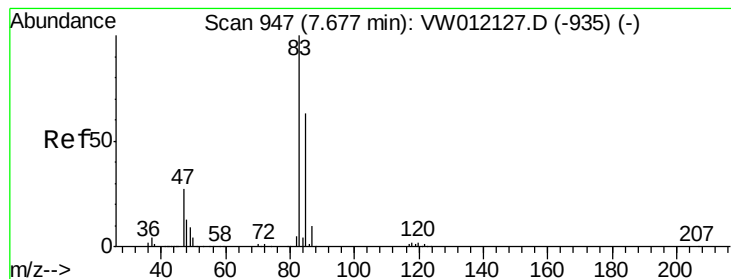


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#30

Chloroform

Concen: 21.882 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

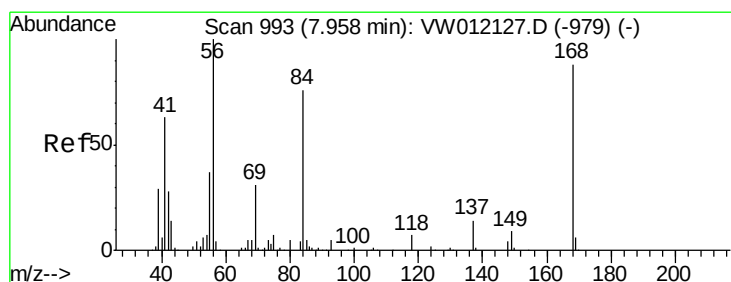
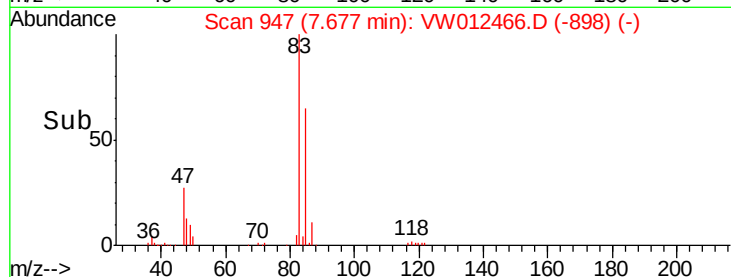
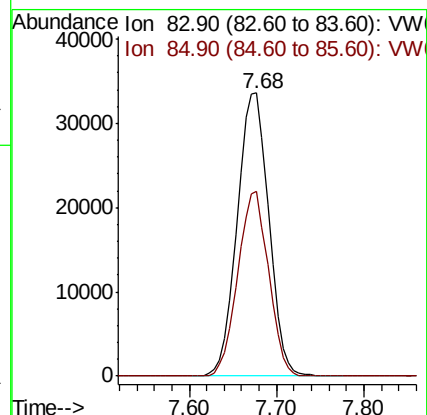
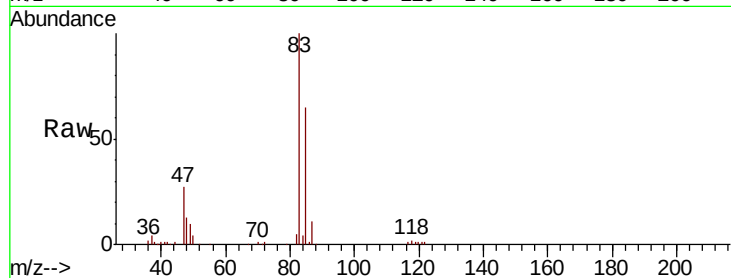
VW0901SBS02

Tgt Ion: 83 Resp: 84344

Ion Ratio Lower Upper

83 100

85 65.1 50.6 76.0



#31

Cyclohexane

Concen: 17.014 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

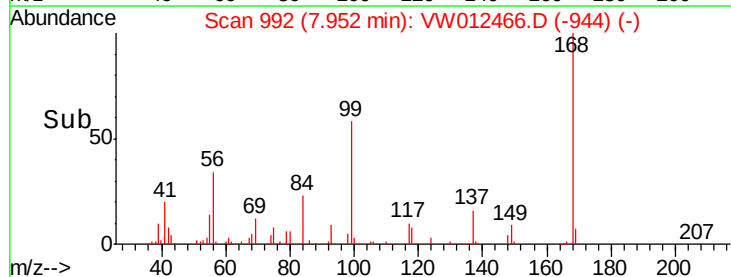
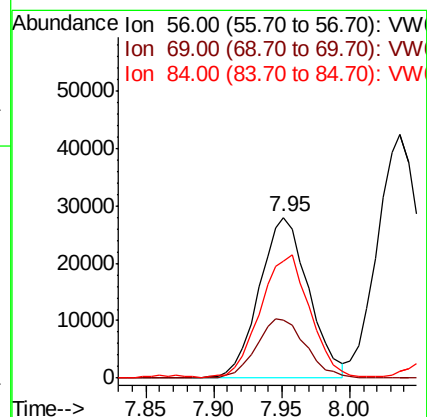
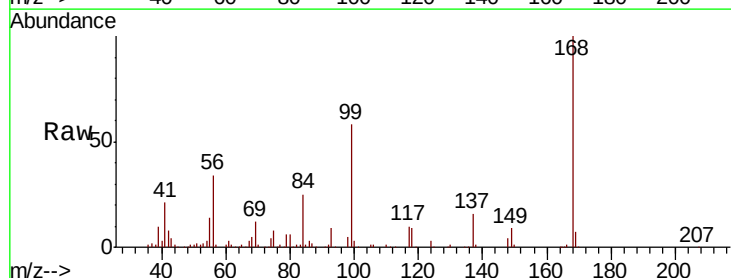
Tgt Ion: 56 Resp: 70918

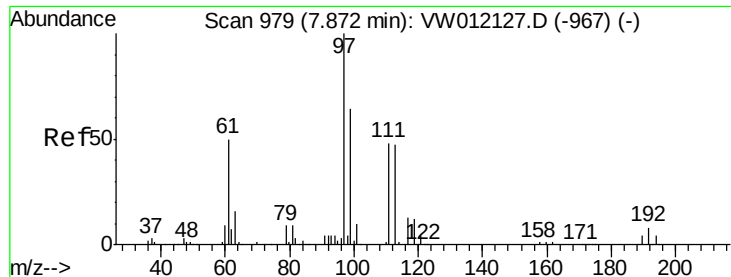
Ion Ratio Lower Upper

56 100

69 36.3 24.9 37.3

84 71.8 60.6 90.8





#32

1,1,1-Trichloroethane

Concen: 21.202 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

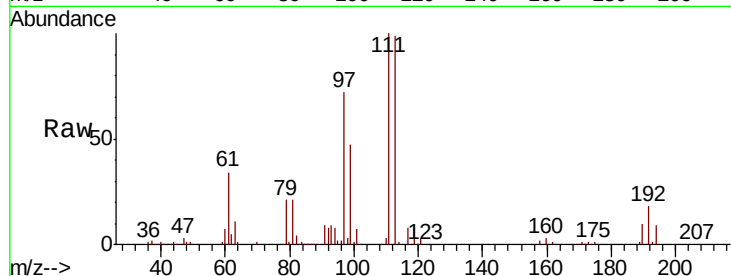
Tgt Ion: 97 Resp: 64649

Ion Ratio Lower Upper

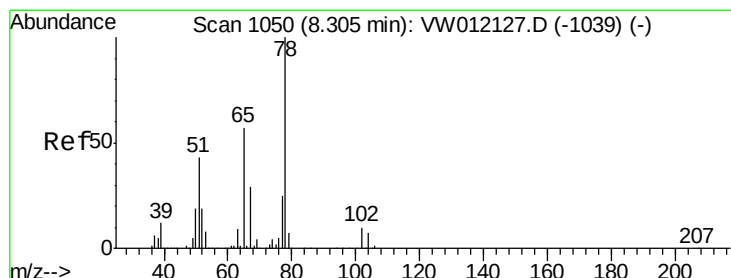
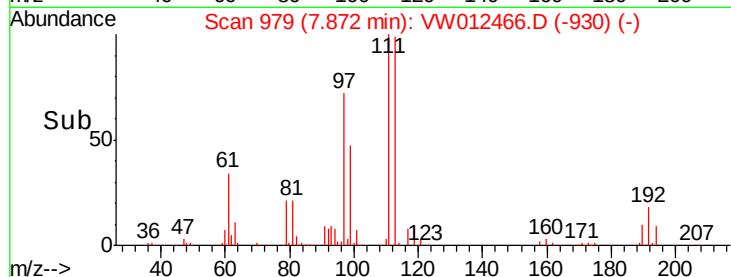
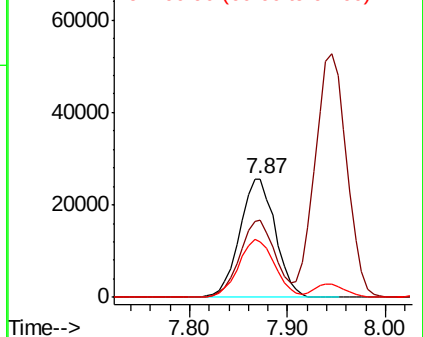
97 100

99 64.4 51.4 77.0

61 49.9 39.5 59.3



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



#33

1,2-Dichloroethane-d4

Concen: 57.866 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012466.D

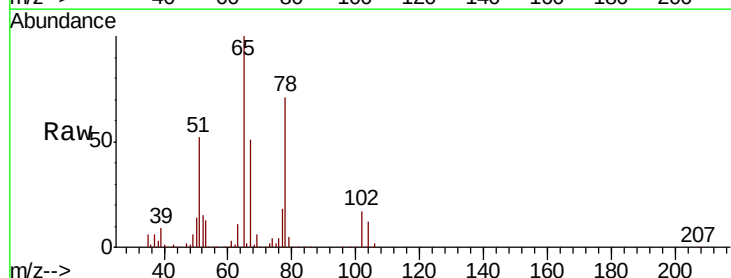
Acq: 02 Sep 2019 00:15

Tgt Ion: 65 Resp: 133909

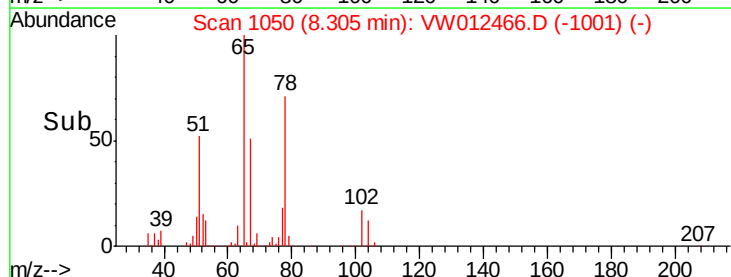
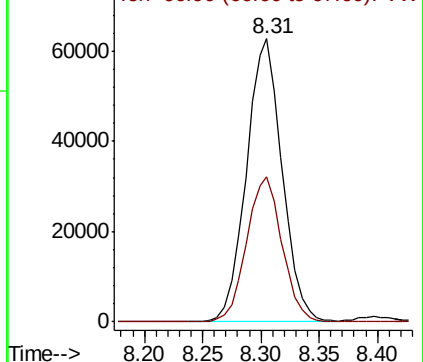
Ion Ratio Lower Upper

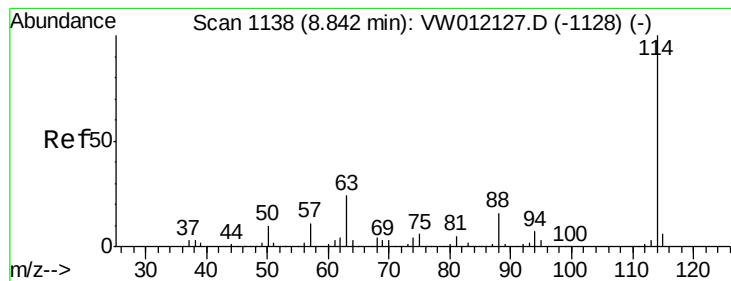
65 100

67 51.1 0.0 102.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

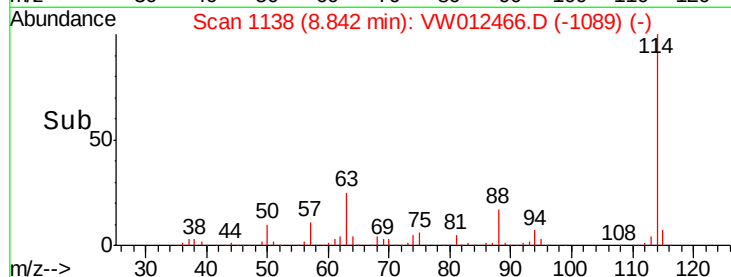
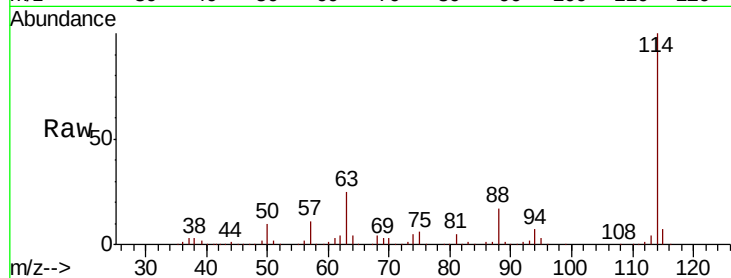
Tgt Ion:114 Resp: 316801

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.6

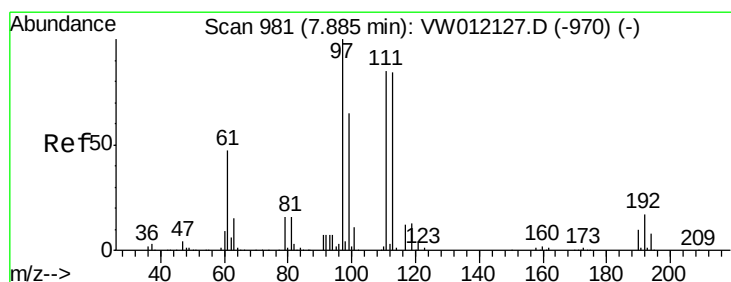
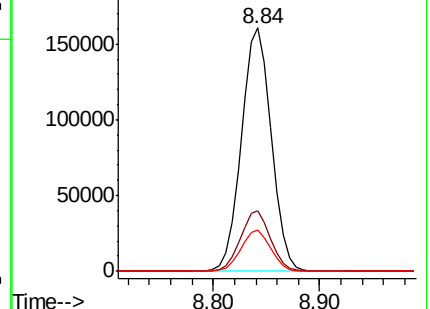
88 17.0 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.342 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

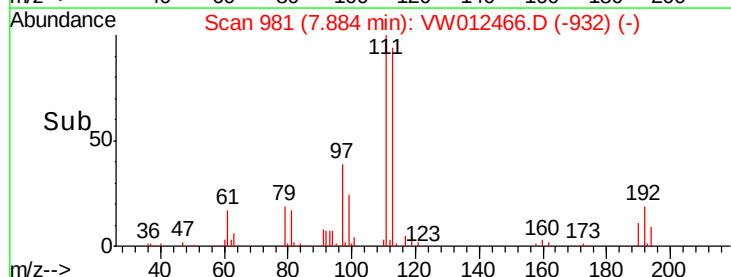
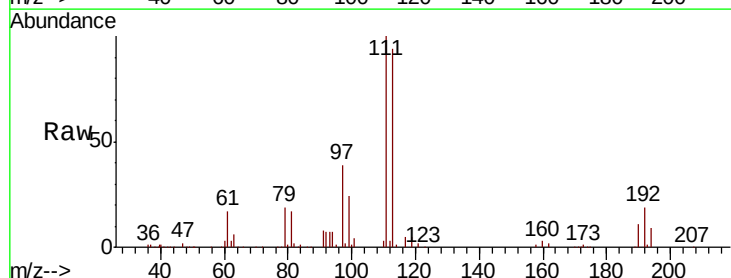
Tgt Ion:113 Resp: 100869

Ion Ratio Lower Upper

113 100

111 104.7 82.7 124.1

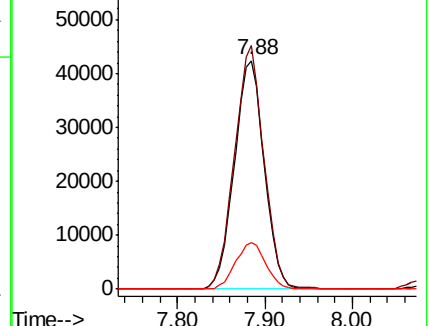
192 20.7 16.2 24.2

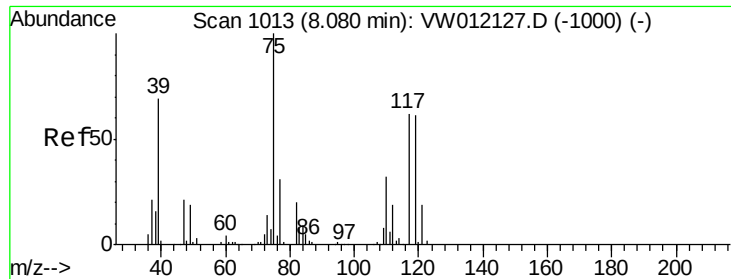


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

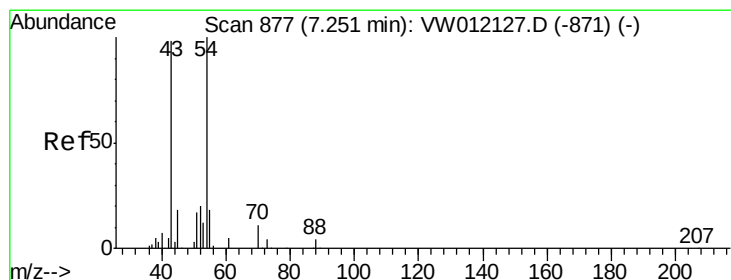
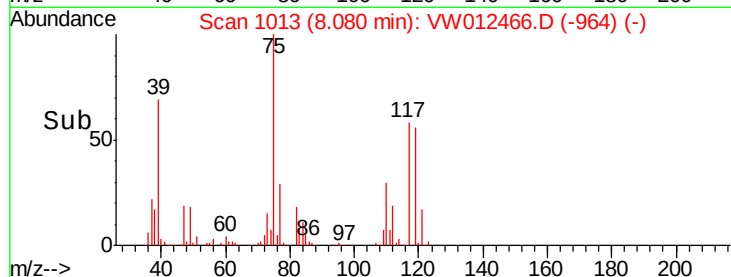
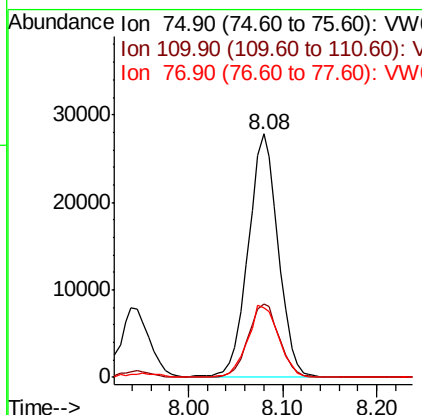
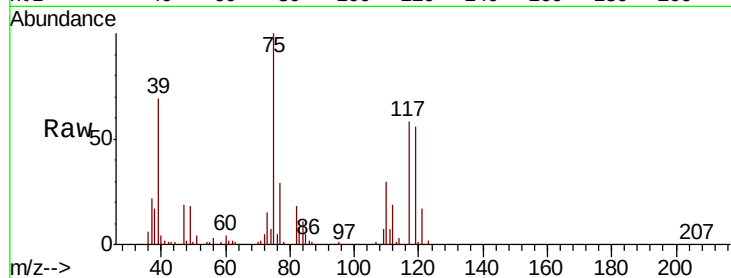




#36
 1,1-Dichloropropene
 Concen: 18.990 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

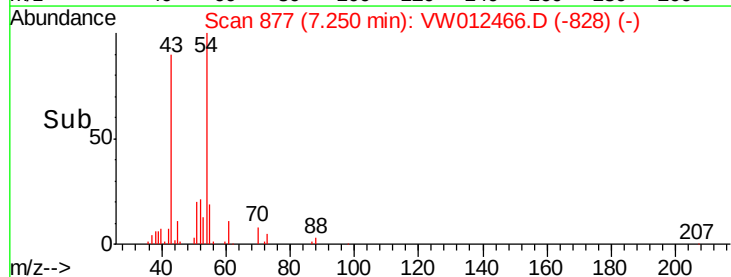
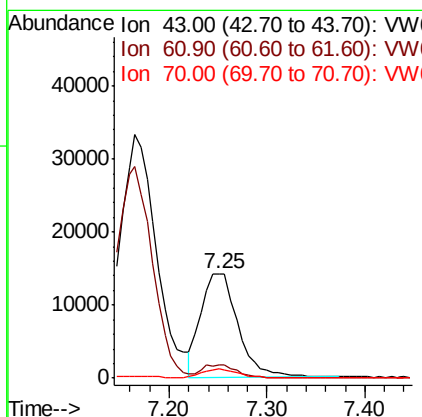
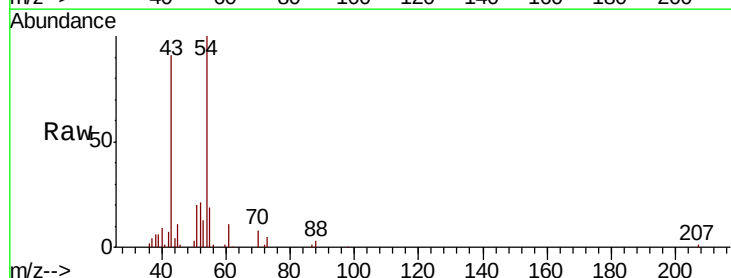
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

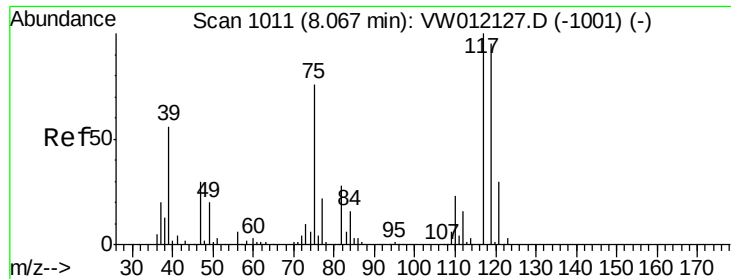
Tgt Ion: 75 Resp: 62169
 Ion Ratio Lower Upper
 75 100
 110 31.3 15.6 46.8
 77 30.8 24.6 36.8



#37
 Ethyl Acetate
 Concen: 20.911 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 43 Resp: 37513
 Ion Ratio Lower Upper
 43 100
 61 12.1 9.2 13.8
 70 8.9 6.9 10.3

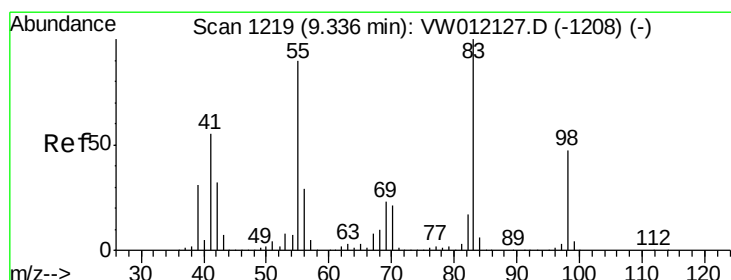
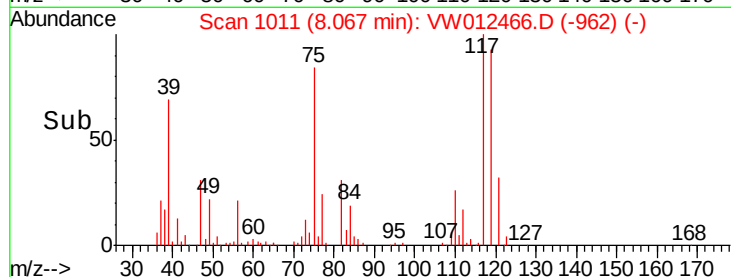
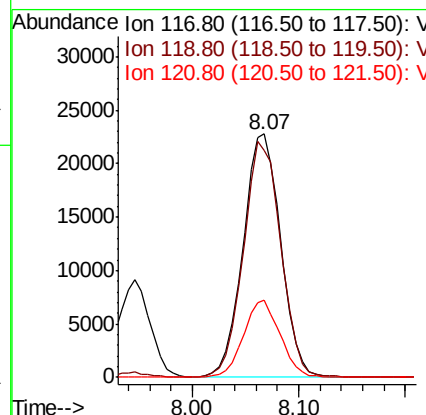
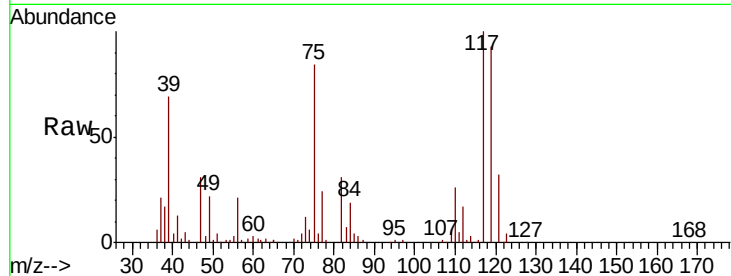




#38
Carbon Tetrachloride
Concen: 19.948 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

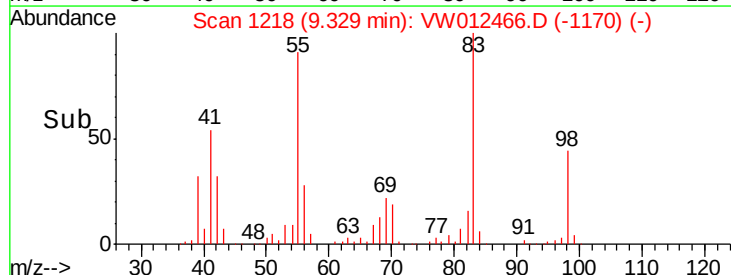
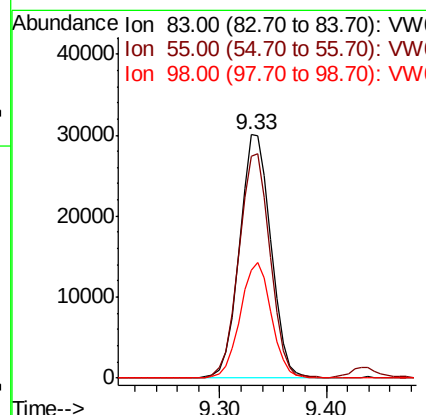
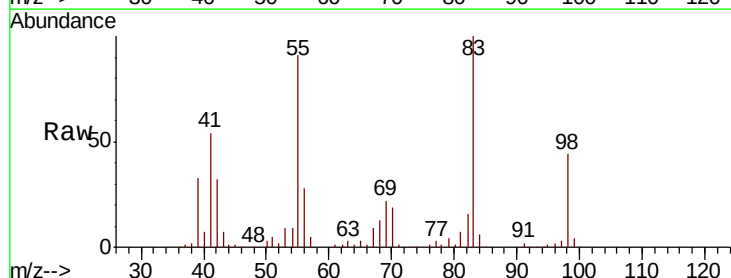
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

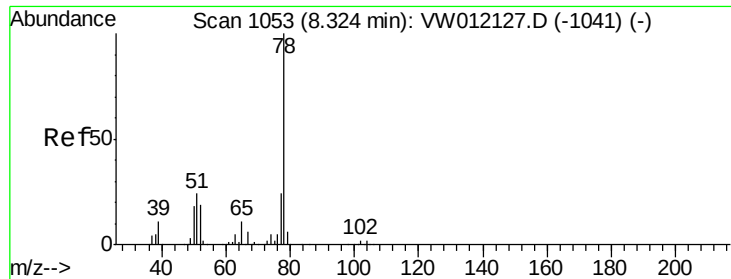
Tgt Ion: 117 Resp: 56522
Ion Ratio Lower Upper
117 100
119 93.0 76.2 114.2
121 31.8 23.8 35.8



#39
Methylcyclohexane
Concen: 16.948 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion: 83 Resp: 62330
Ion Ratio Lower Upper
83 100
55 90.7 71.8 107.8
98 44.2 37.8 56.8





#40

Benzene

Concen: 19.845 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

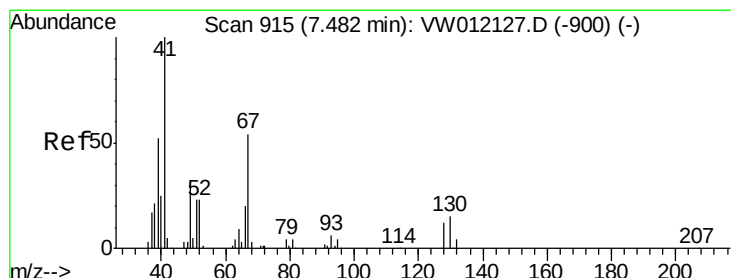
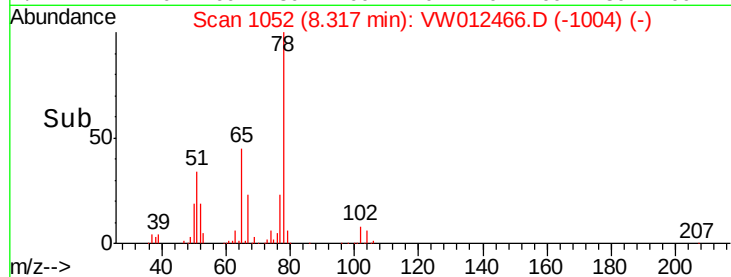
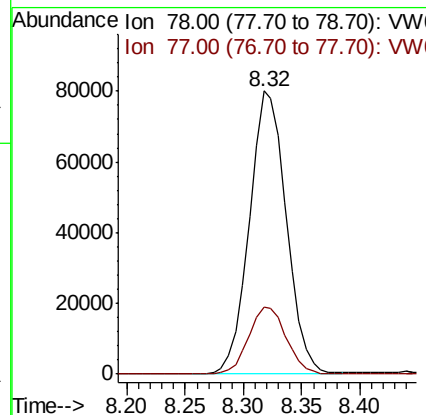
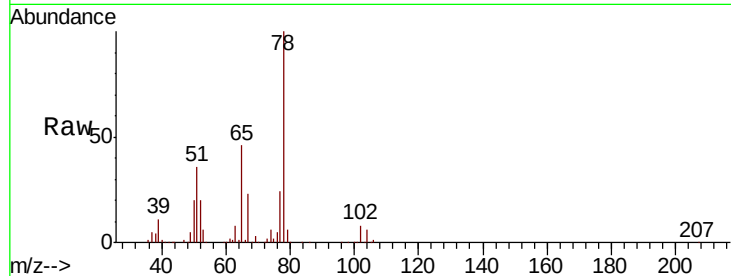
VW0901SBS02

Tgt Ion: 78 Resp: 177400

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3



#41

Methacrylonitrile

Concen: 23.370 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion: 41 Resp: 24641

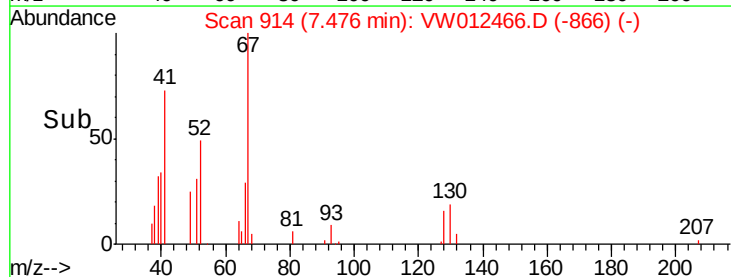
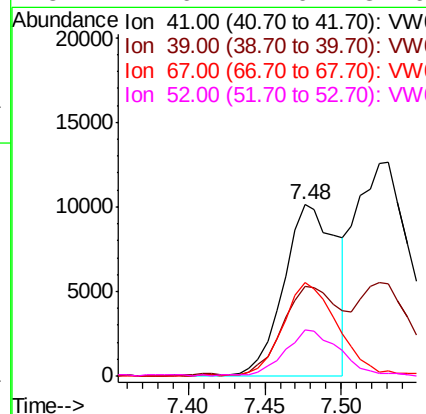
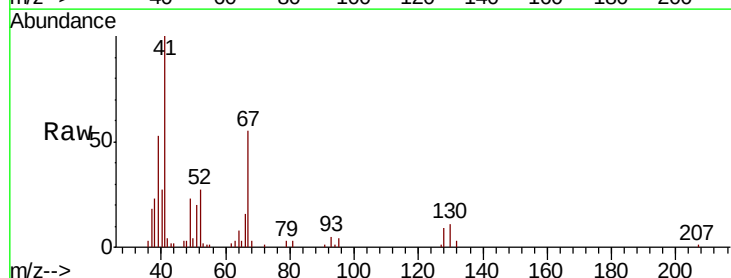
Ion Ratio Lower Upper

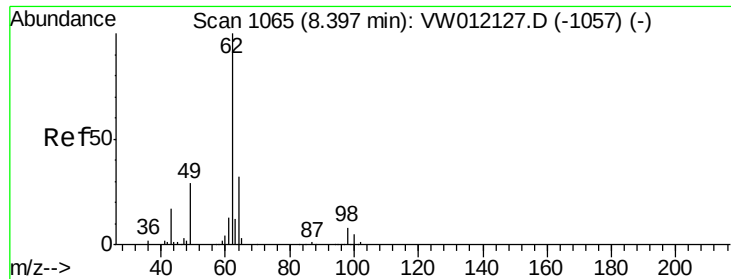
41 100

39 58.1 45.8 68.8

67 56.5 46.2 69.4

52 27.6 21.0 31.6

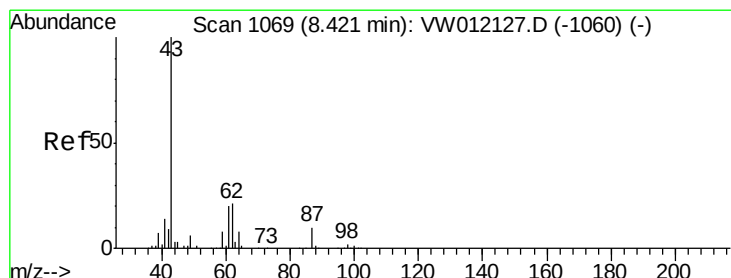
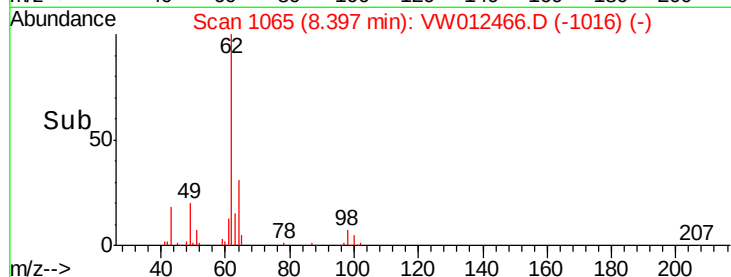
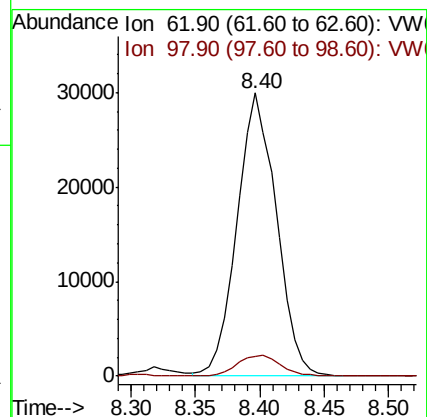
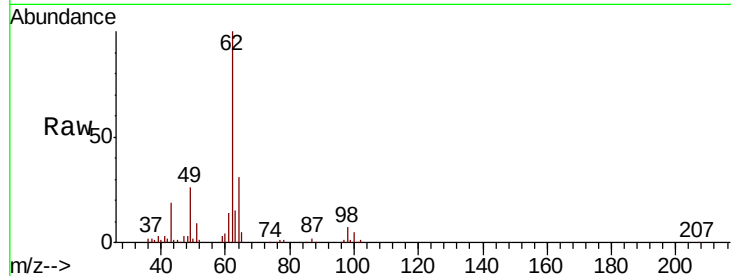




#42
 1,2-Dichloroethane
 Concen: 22.576 ug/l
 RT: 8.40 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

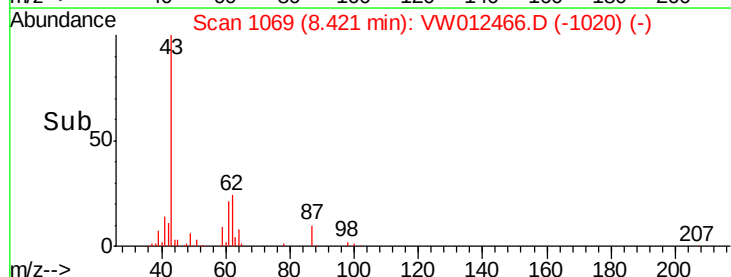
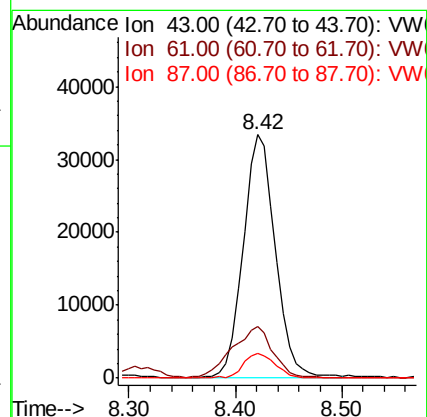
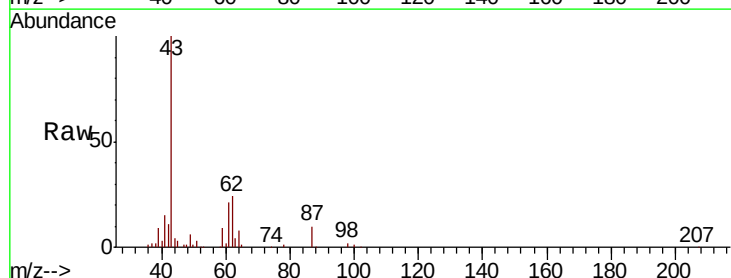
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

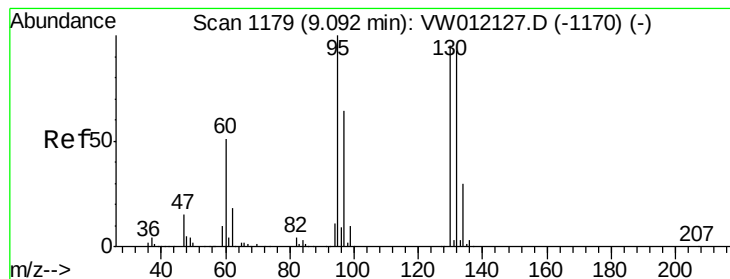
Tgt Ion: 62 Resp: 63250
 Ion Ratio Lower Upper
 62 100
 98 8.0 0.0 16.6



#43
 Isopropyl Acetate
 Concen: 21.182 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 43 Resp: 70388
 Ion Ratio Lower Upper
 43 100
 61 27.0 21.1 31.7
 87 10.3 8.2 12.2





#44

Trichloroethene

Concen: 19.862 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

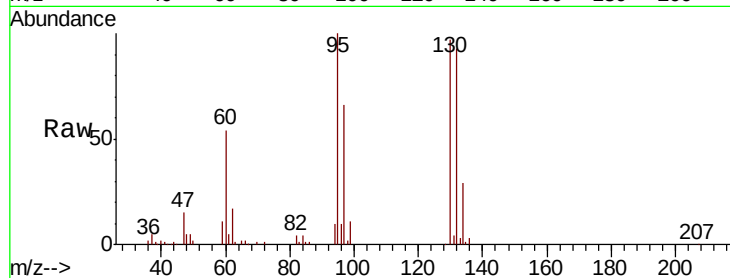
VW0901SBS02

Tgt Ion:130 Resp: 43162

Ion Ratio Lower Upper

130 100

95 103.0 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): VW

Ion 94.90 (94.60 to 95.60): VW

9.09

25000

20000

15000

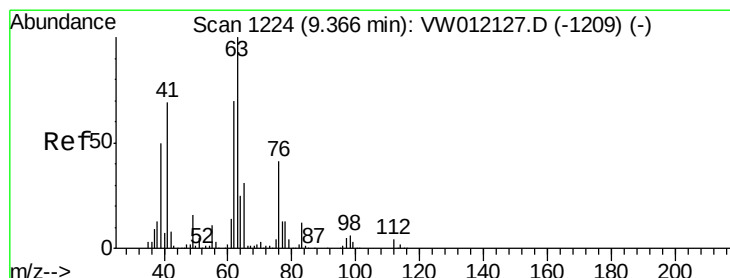
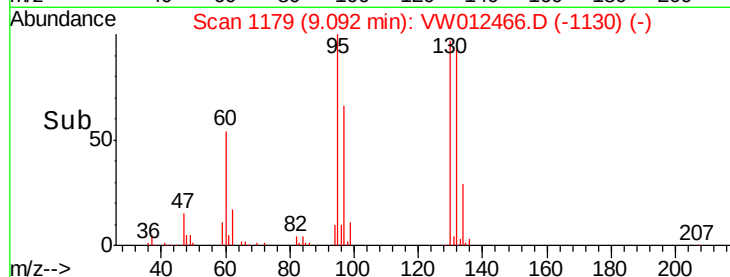
10000

5000

0

9.00 9.05 9.10 9.15 9.20

Time-->



#45

1,2-Dichloropropane

Concen: 20.387 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012466.D

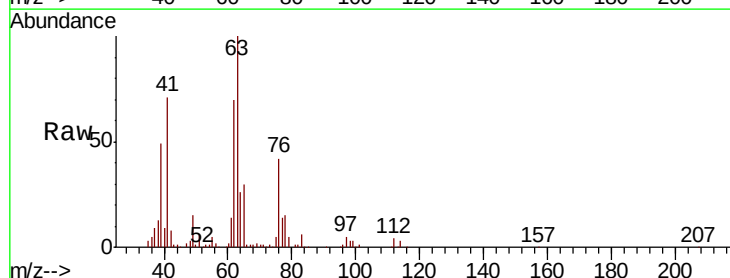
Acq: 02 Sep 2019 00:15

Tgt Ion: 63 Resp: 49048

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

30000

25000

20000

15000

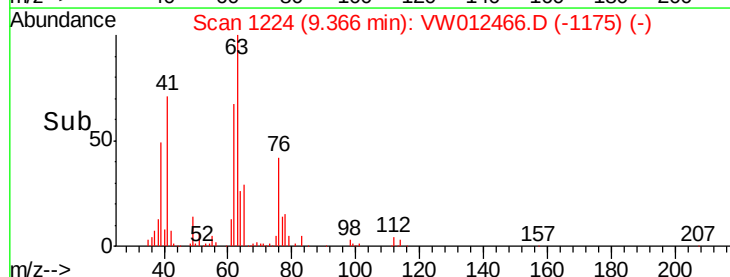
10000

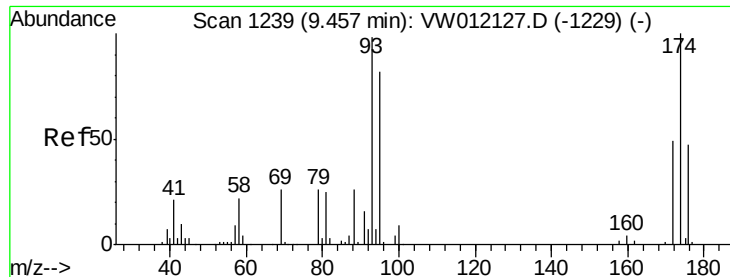
5000

0

9.30 9.40

Time-->





#46

Dibromomethane

Concen: 21.329 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

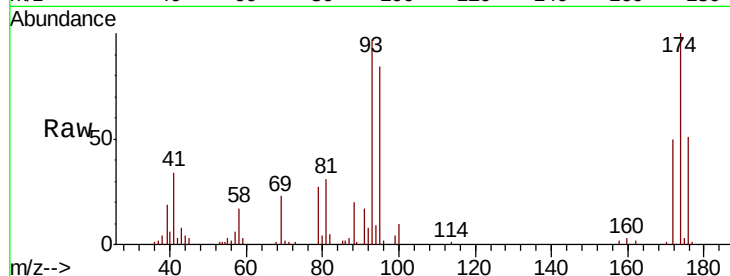
Tgt Ion: 93 Resp: 22831

Ion Ratio Lower Upper

93 100

95 83.1 67.2 100.8

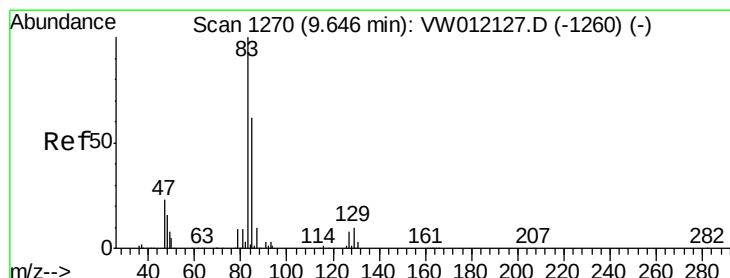
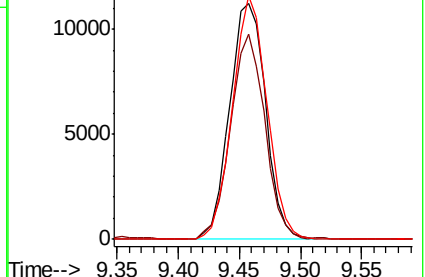
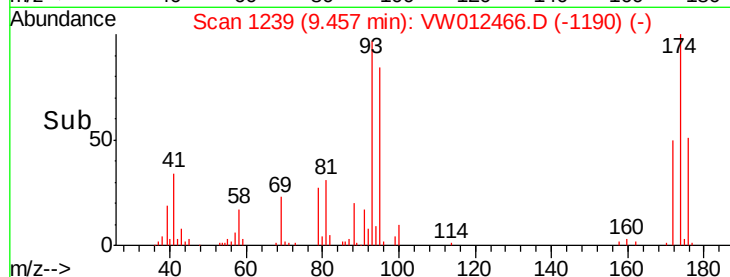
174 98.7 79.0 118.6



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 21.511 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

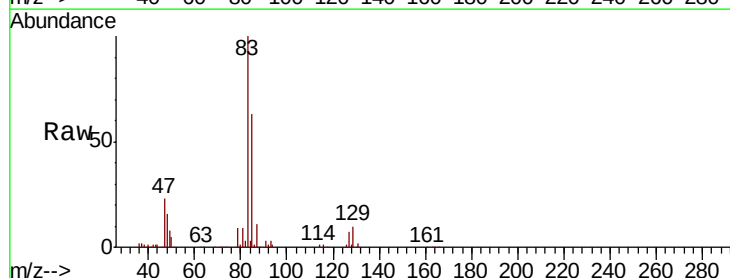
Tgt Ion: 83 Resp: 61282

Ion Ratio Lower Upper

83 100

85 63.1 49.4 74.2

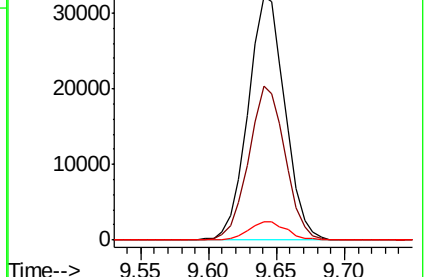
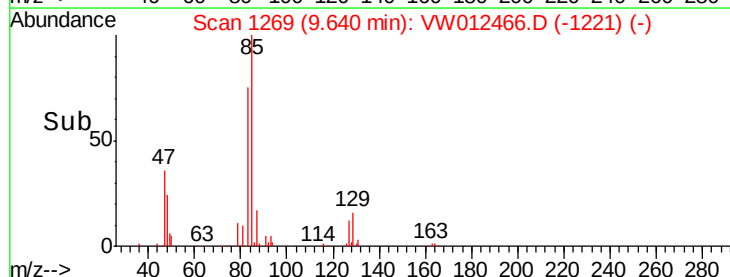
127 7.5 6.1 9.1

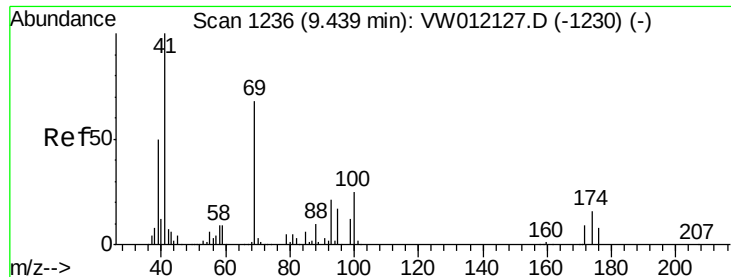


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

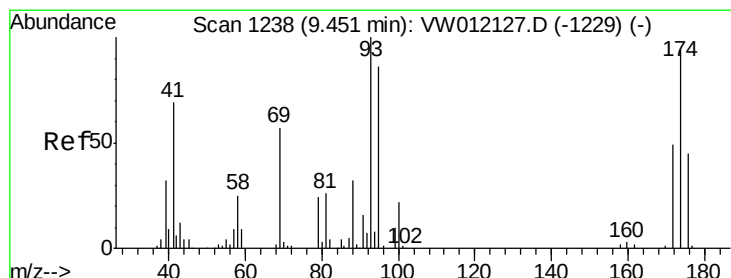
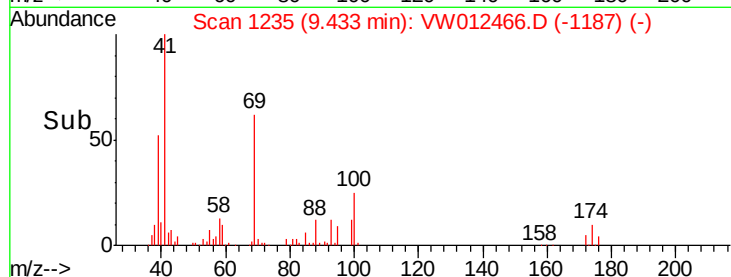
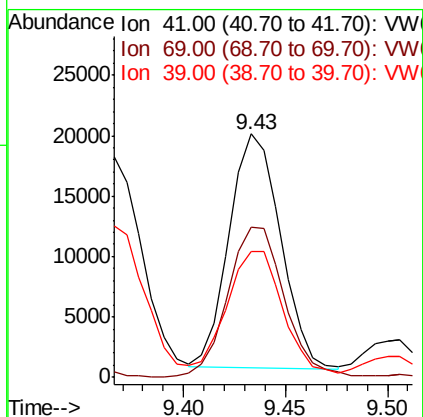
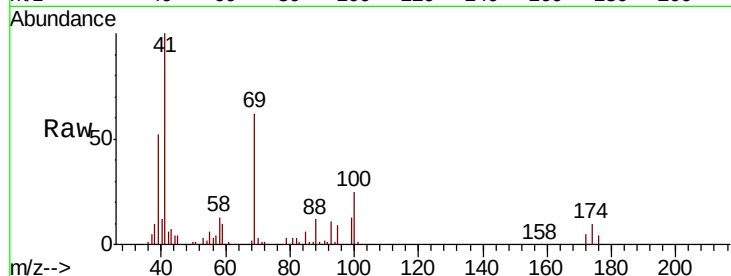




#48
Methyl methacrylate
Concen: 21.454 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

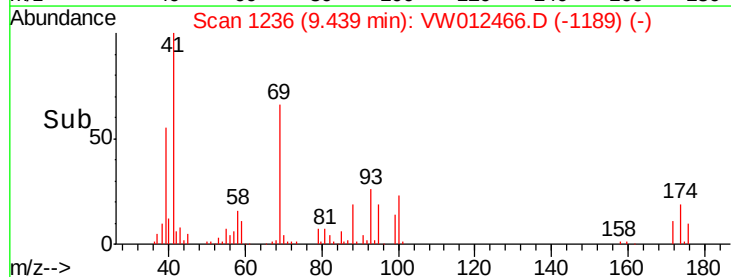
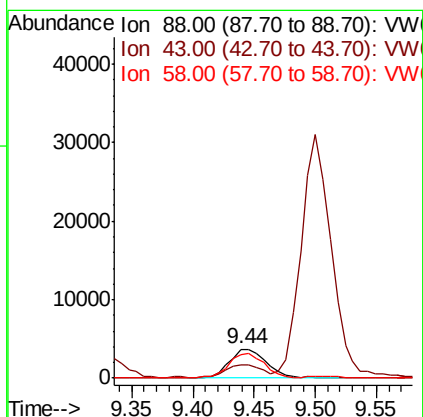
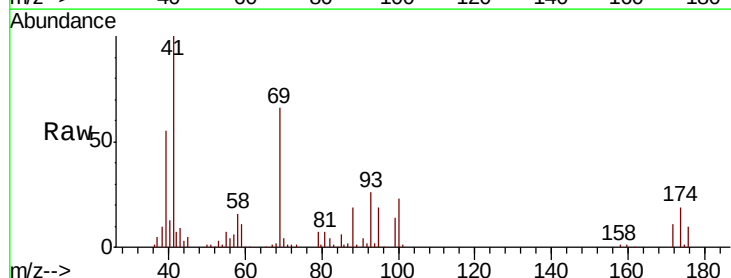
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

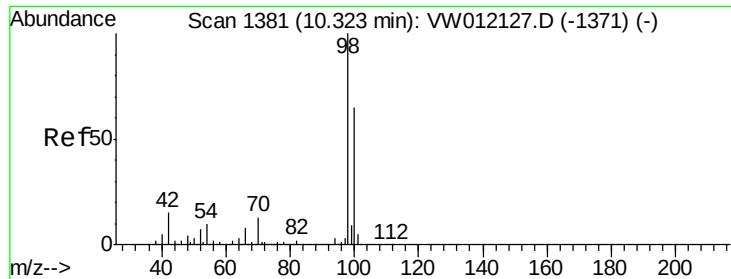
Tgt Ion: 41 Resp: 33931
Ion Ratio Lower Upper
41 100
69 71.1 56.7 85.1
39 58.8 42.0 63.0



#49
1,4-Dioxane
Concen: 471.229 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion: 88 Resp: 7722
Ion Ratio Lower Upper
88 100
43 43.9 32.9 49.3
58 83.0 71.0 106.4

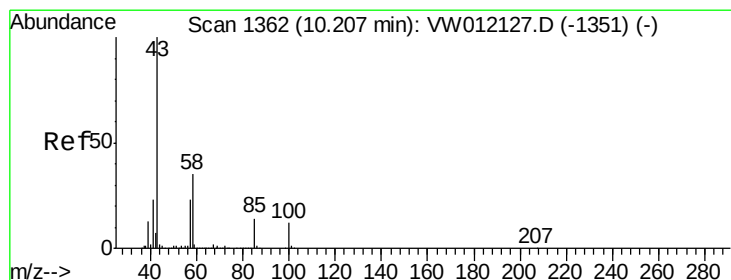
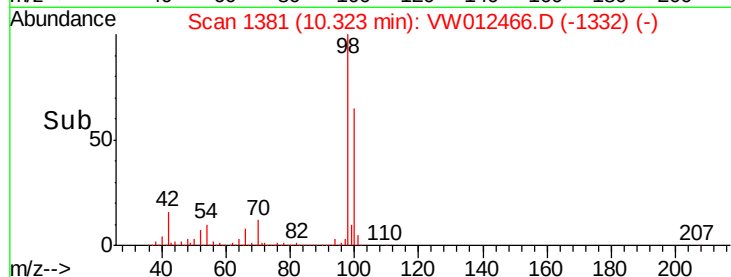
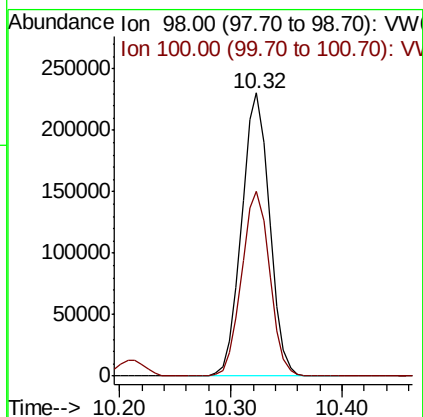
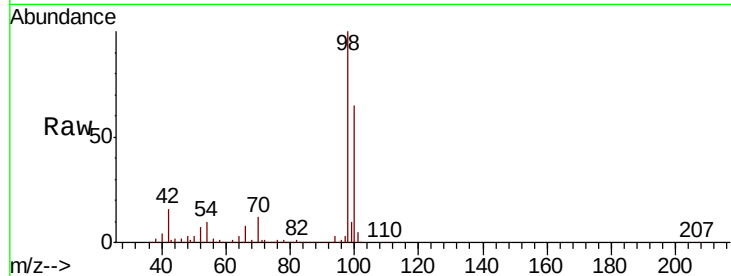




#50
Toluene-d8
Concen: 52.128 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

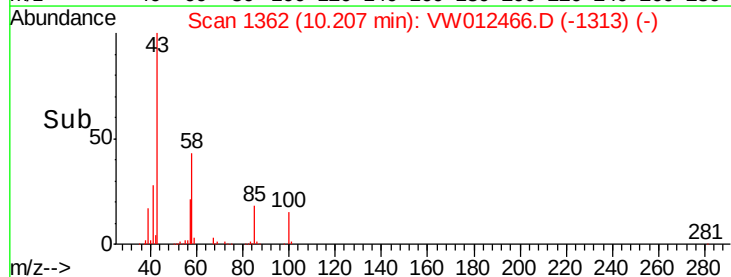
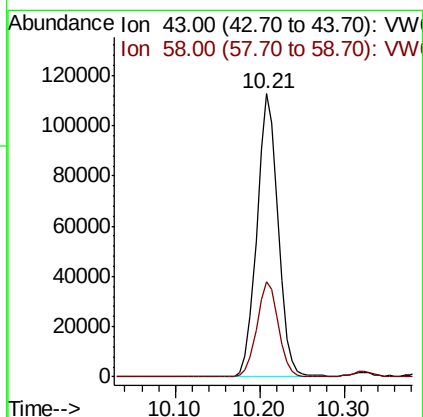
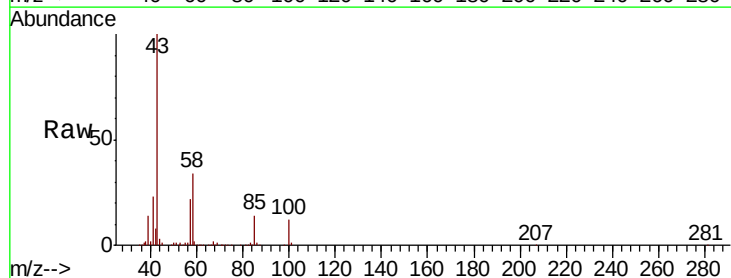
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

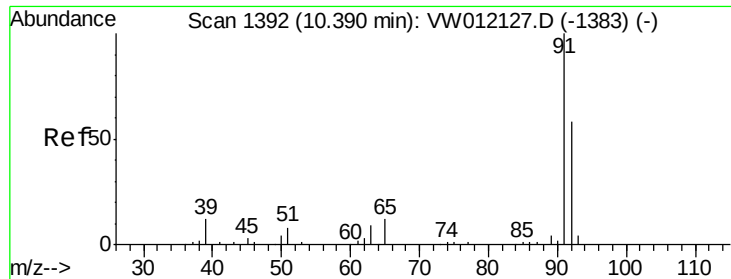
Tgt Ion: 98 Resp: 399685
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 114.813 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion: 43 Resp: 194056
Ion Ratio Lower Upper
43 100
58 34.1 28.2 42.2





#52

Toluene

Concen: 20.262 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

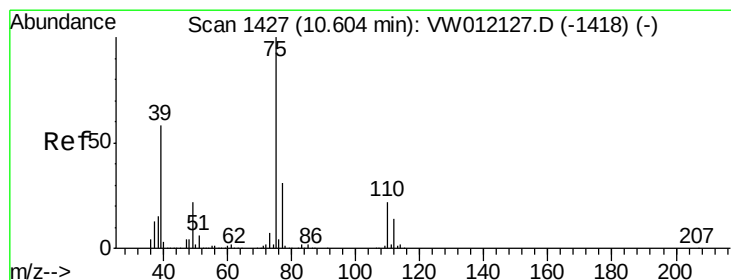
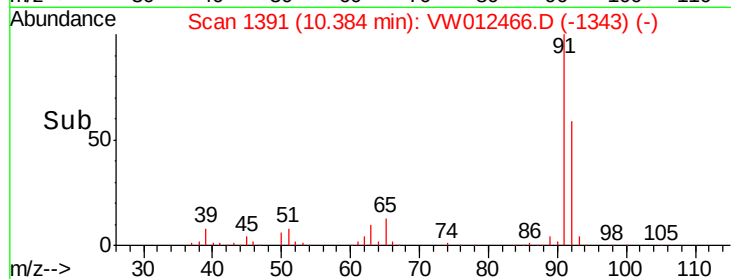
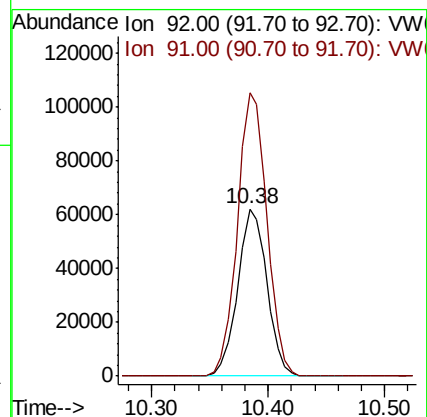
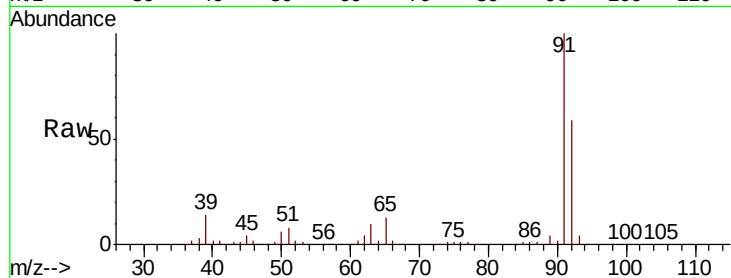
VW0901SBS02

Tgt Ion: 92 Resp: 108812

Ion Ratio Lower Upper

92 100

91 170.9 136.6 204.8



#53

t-1,3-Dichloropropene

Concen: 20.663 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012466.D

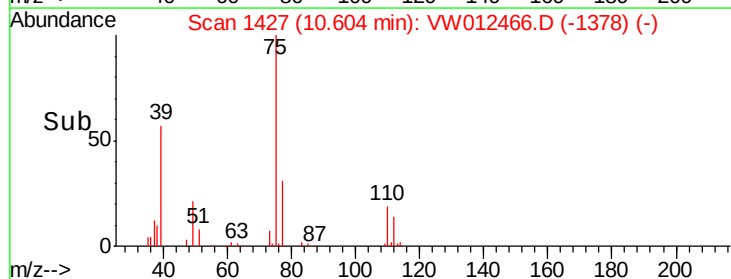
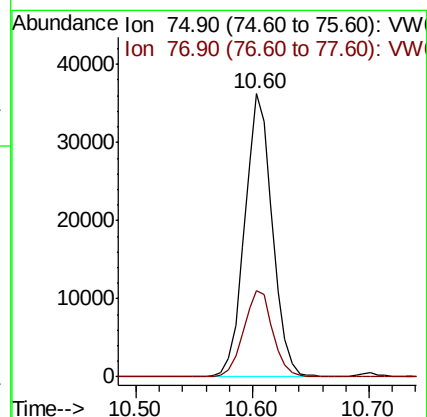
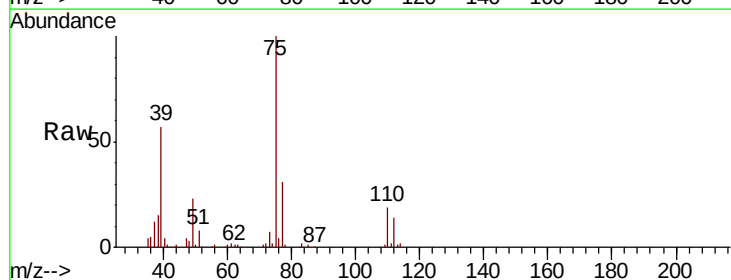
Acq: 02 Sep 2019 00:15

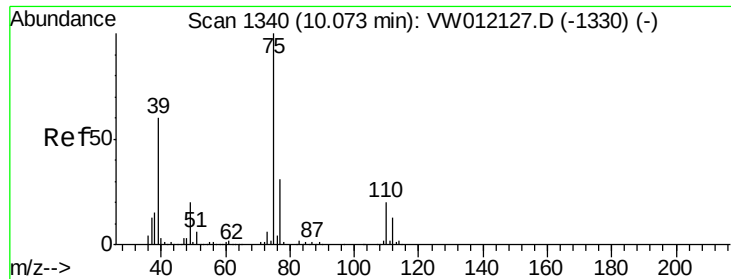
Tgt Ion: 75 Resp: 59962

Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4





#54

cis-1,3-Dichloropropene

Concen: 19.899 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

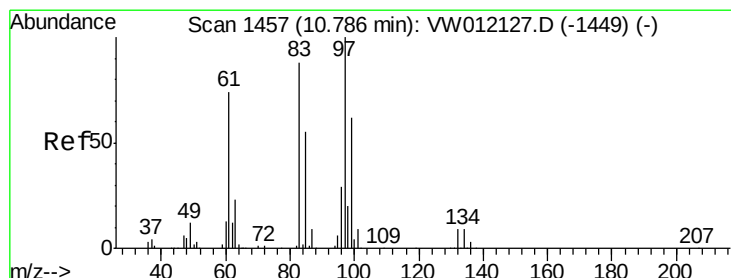
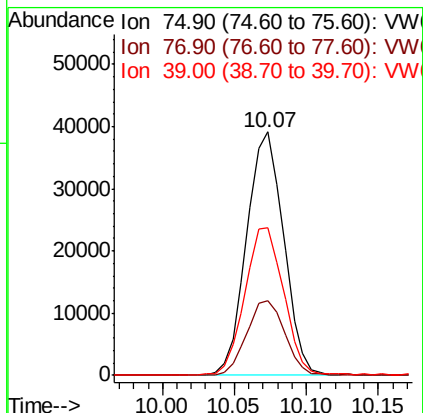
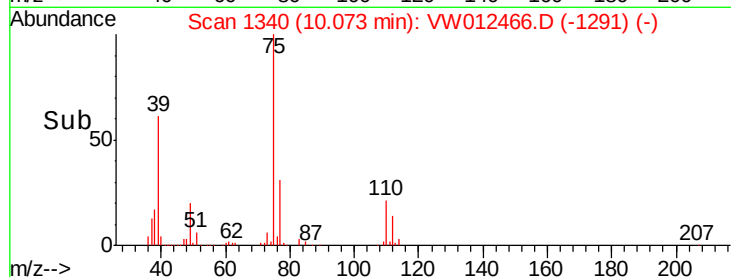
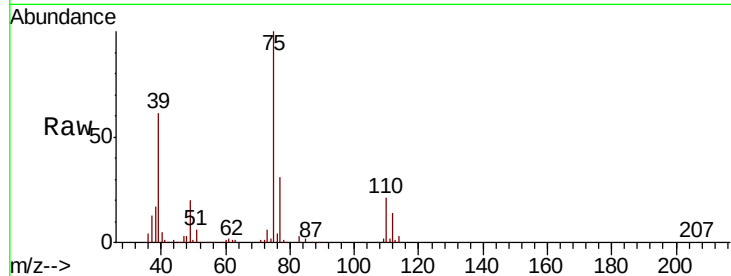
Tgt Ion: 75 Resp: 69724

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

39 60.3 48.3 72.5



#55

1,1,2-Trichloroethane

Concen: 22.096 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Tgt Ion: 97 Resp: 33464

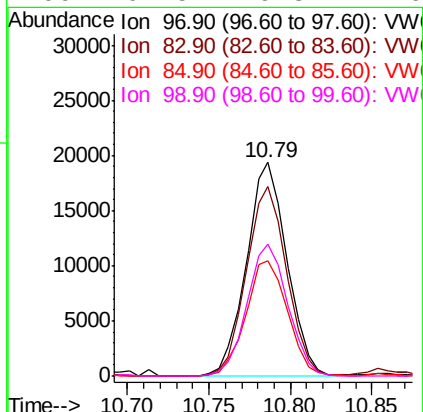
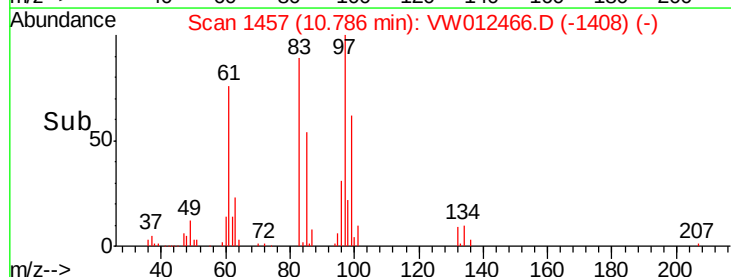
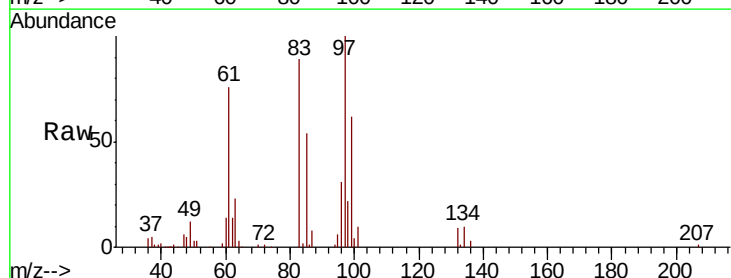
Ion Ratio Lower Upper

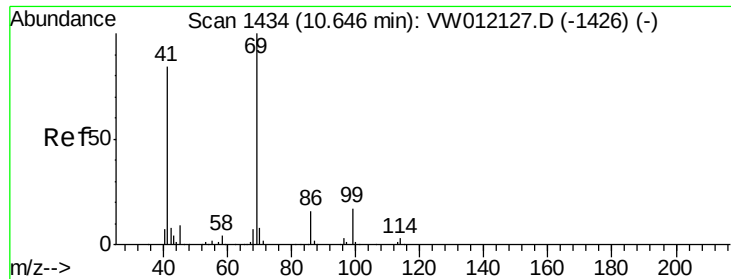
97 100

83 88.7 70.8 106.2

85 53.9 43.8 65.8

99 61.5 49.8 74.6

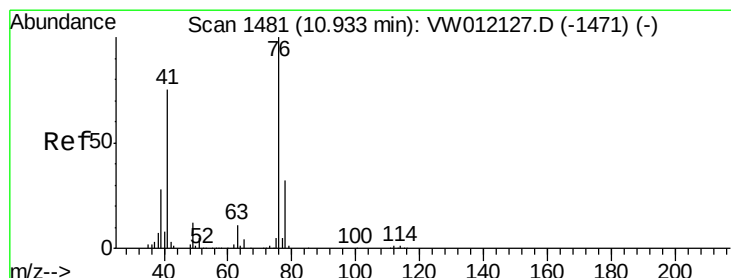
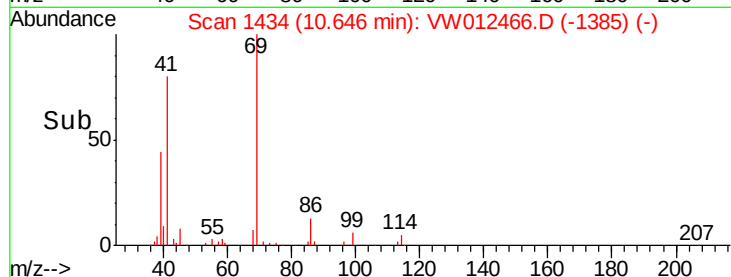
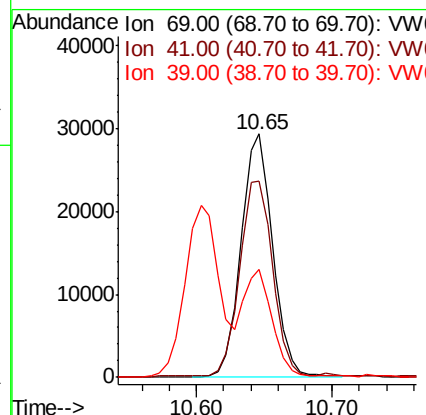
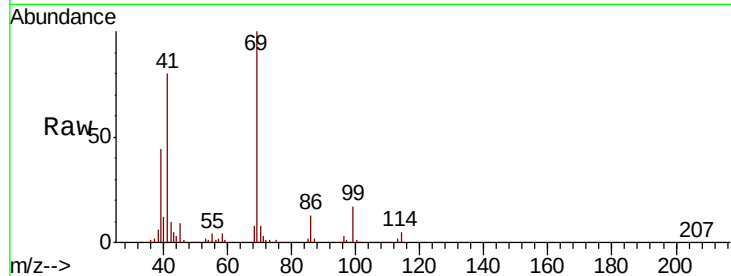




#56
 Ethyl methacrylate
 Concen: 21.656 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

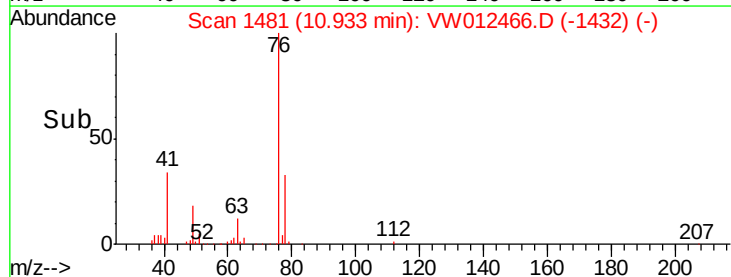
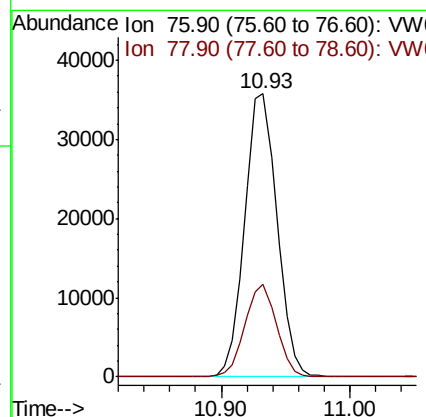
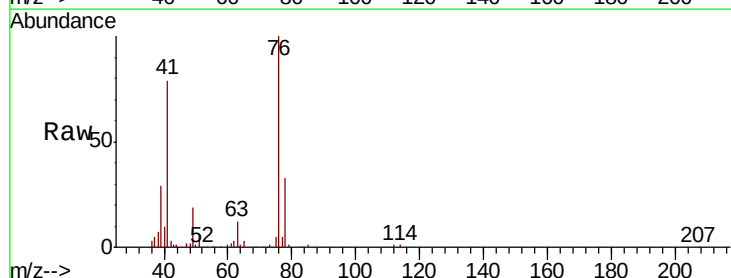
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

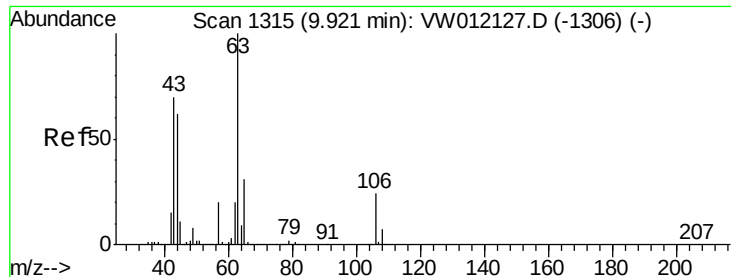
Tgt Ion: 69 Resp: 47736
 Ion Ratio Lower Upper
 69 100
 41 85.5 66.5 99.7
 39 39.8 31.0 46.4



#57
 1,3-Dichloropropane
 Concen: 21.699 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 76 Resp: 62104
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

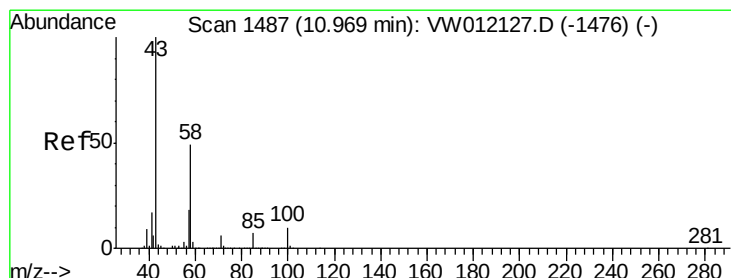
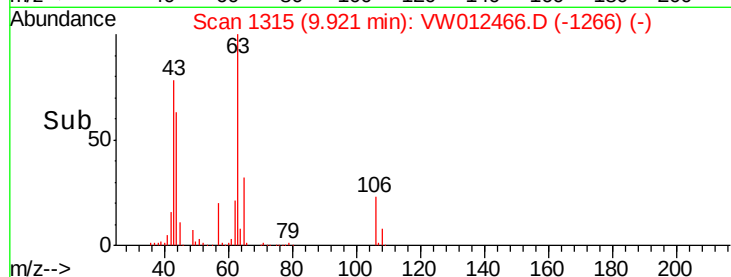
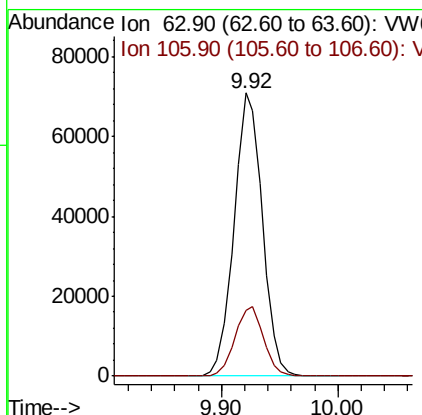
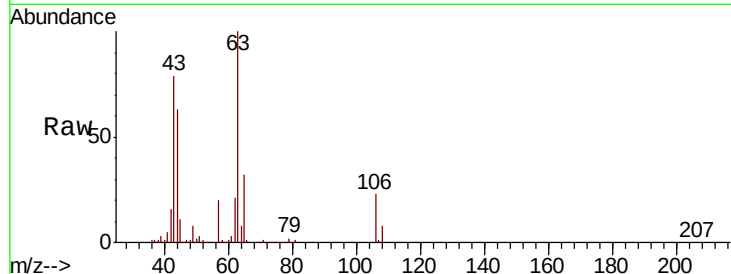




#58
 2-Chloroethyl Vinyl ether
 Concen: 105.976 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

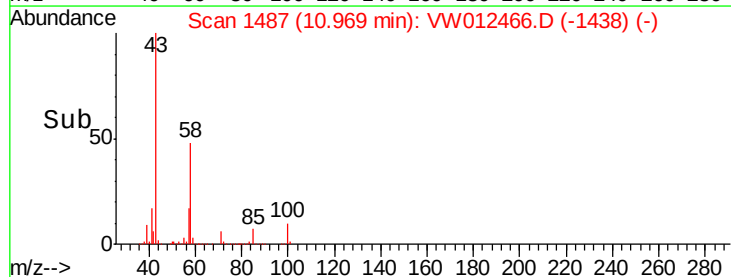
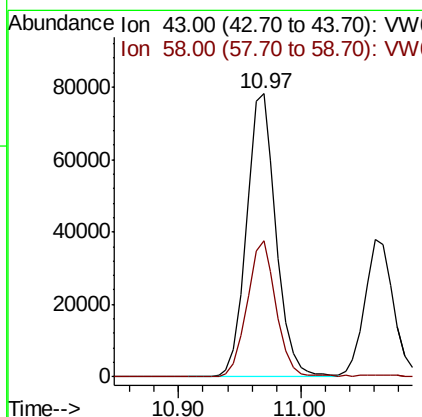
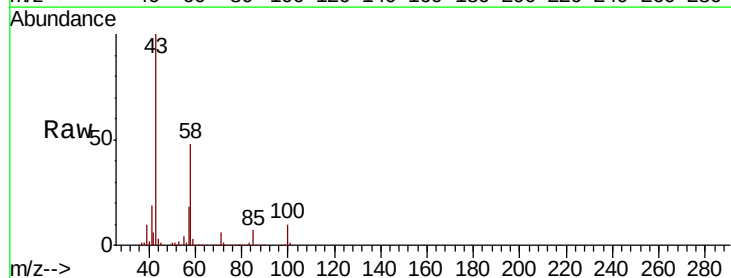
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

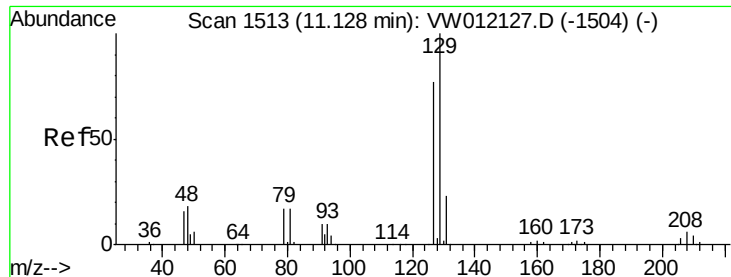
Tgt Ion: 63 Resp: 119887
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.8



#59
 2-Hexanone
 Concen: 109.248 ug/l
 RT: 10.97 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 43 Resp: 130651
 Ion Ratio Lower Upper
 43 100
 58 47.3 24.3 72.9

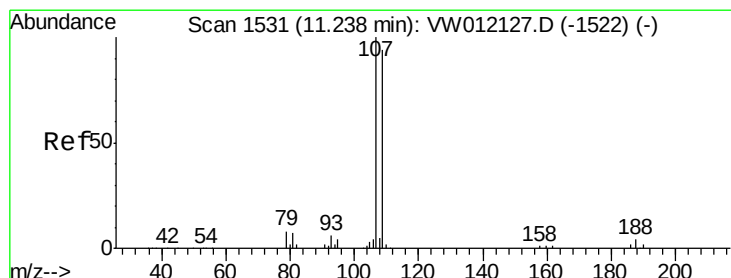
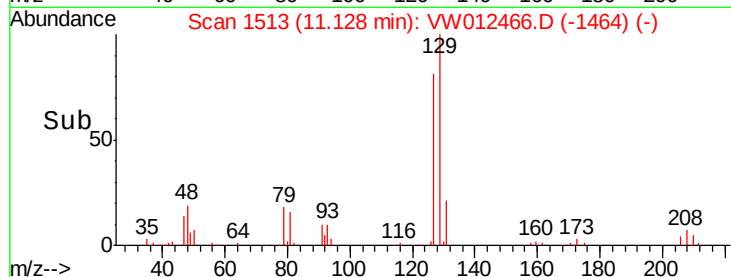
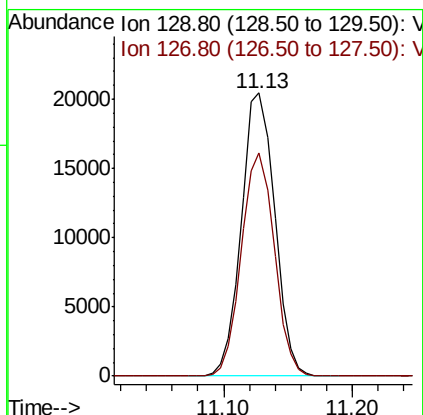
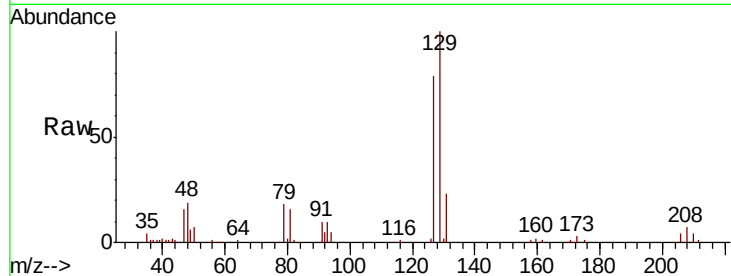




#60
Dibromochloromethane
Concen: 21.765 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

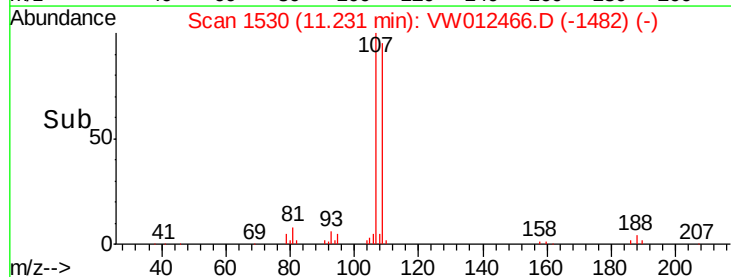
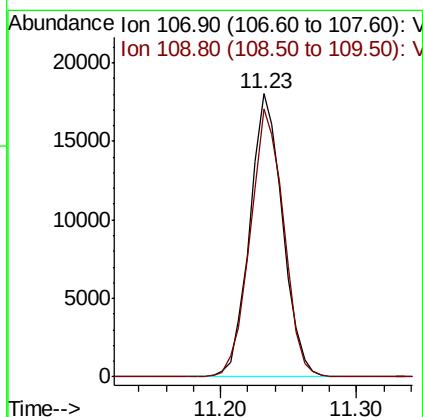
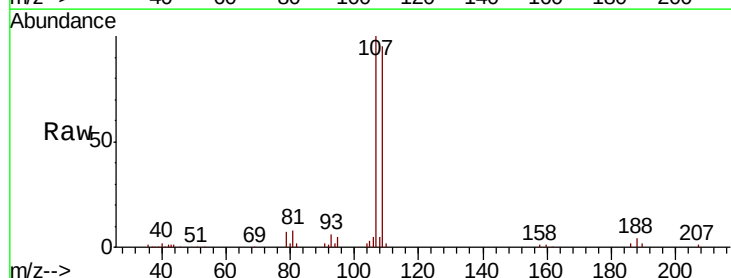
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

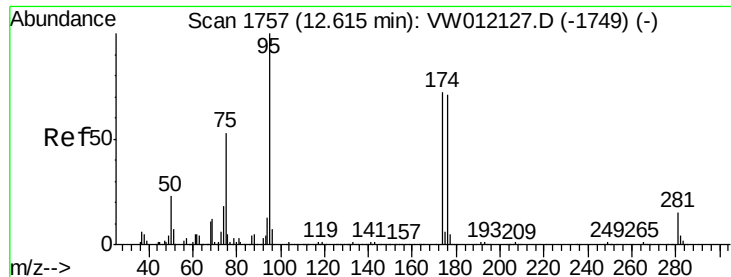
Tgt Ion:129 Resp: 36715
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8



#61
1,2-Dibromoethane
Concen: 21.692 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion:107 Resp: 30606
Ion Ratio Lower Upper
107 100
109 96.4 75.4 113.2

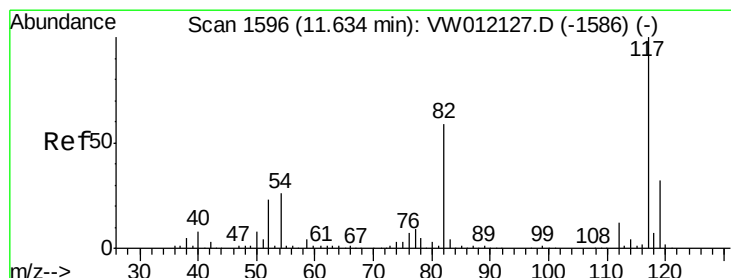
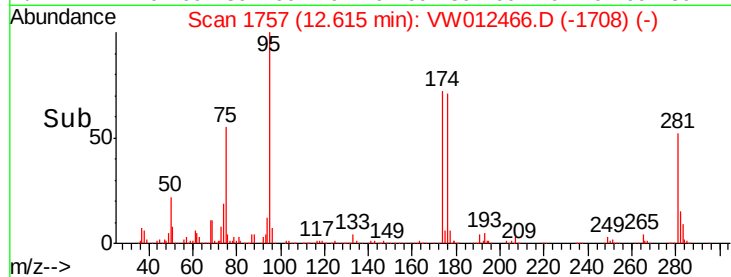
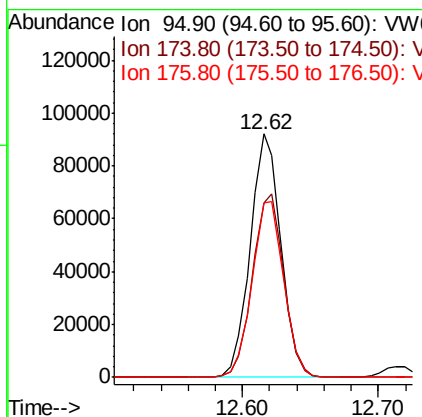
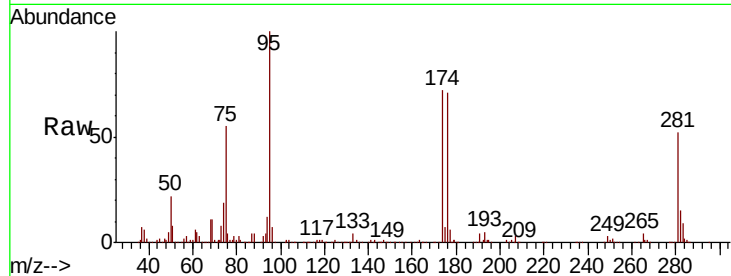




#62
4-Bromofluorobenzene
Concen: 53.810 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

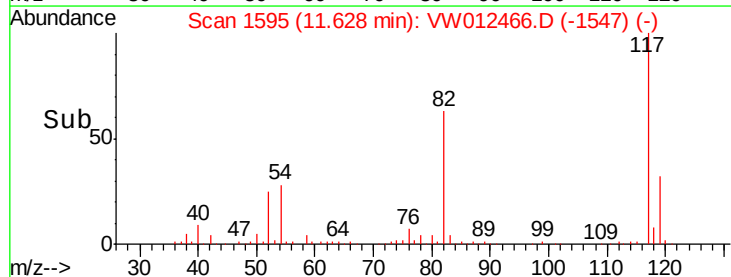
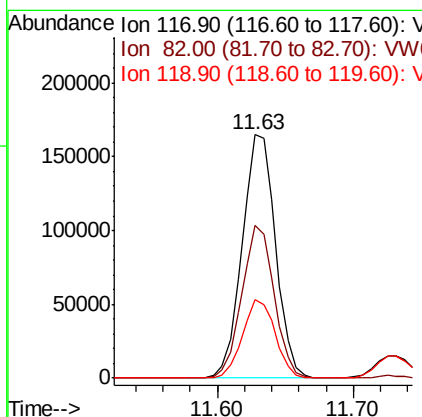
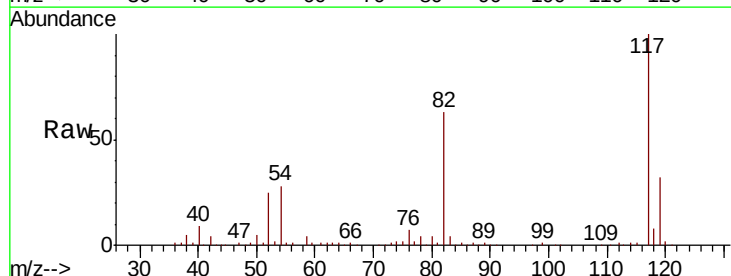
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

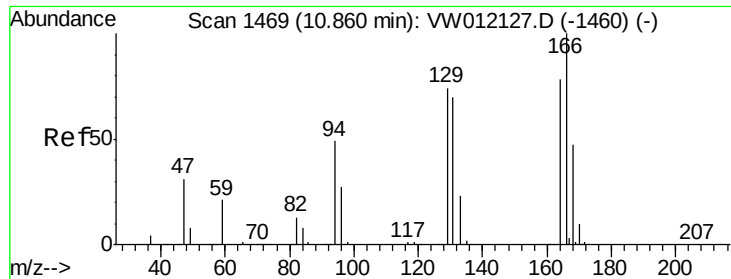
Tgt Ion: 95 Resp: 145437
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.8
176 75.1 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion: 117 Resp: 282756
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 32.1 25.4 38.2





#64

Tetrachloroethene

Concen: 20.659 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tgt Ion:164 Resp: 37872

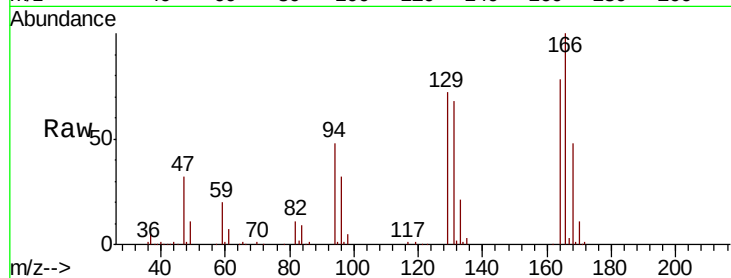
Ion Ratio Lower Upper

164 100

166 128.1 102.4 153.6

129 91.7 75.8 113.6

131 86.5 71.4 107.2

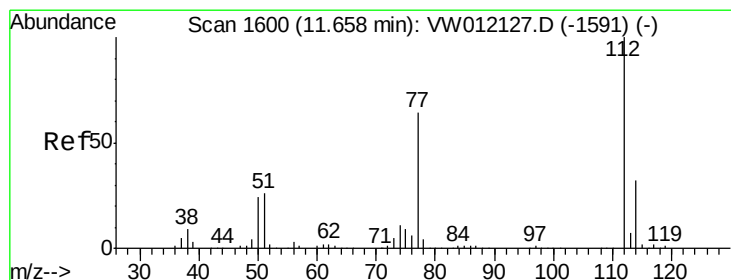
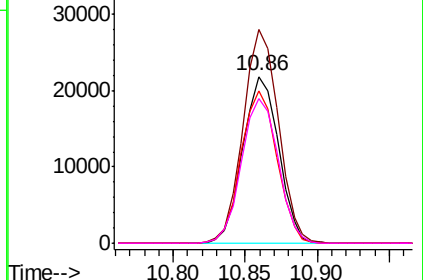
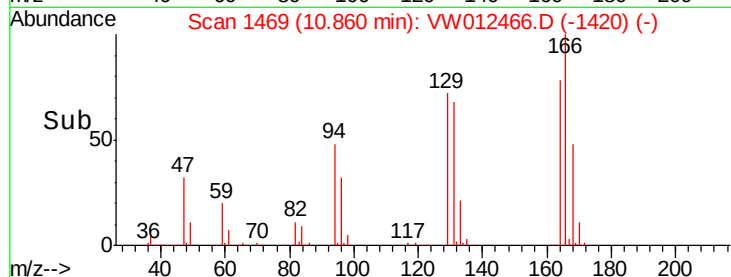


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 20.518 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012466.D

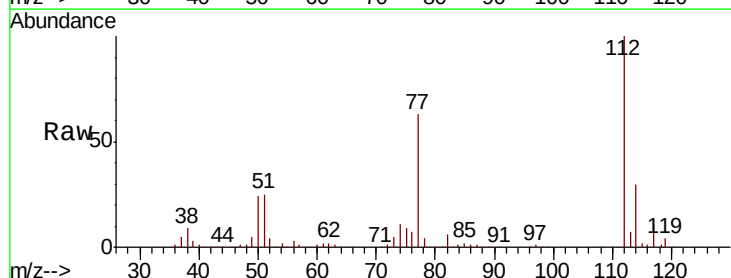
Acq: 02 Sep 2019 00:15

Tgt Ion:112 Resp: 114236

Ion Ratio Lower Upper

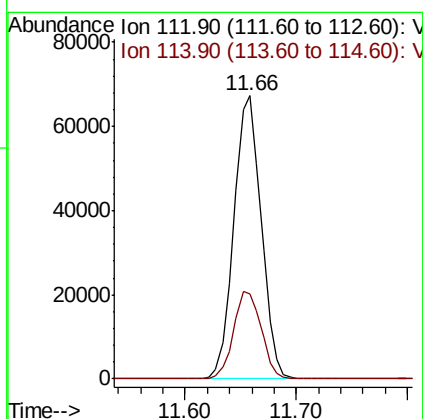
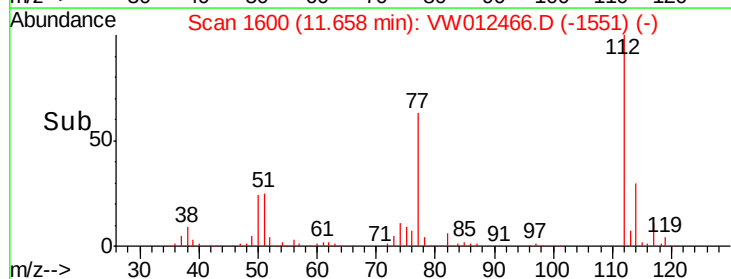
112 100

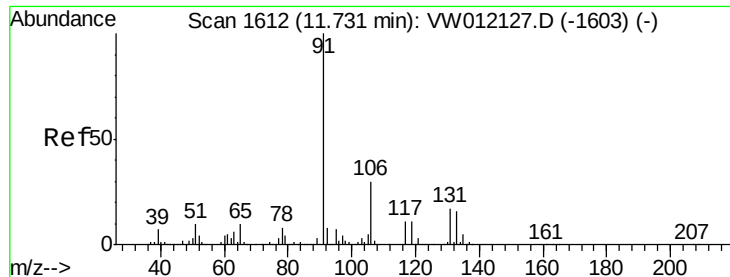
114 29.8 25.8 38.6



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: 21.312 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

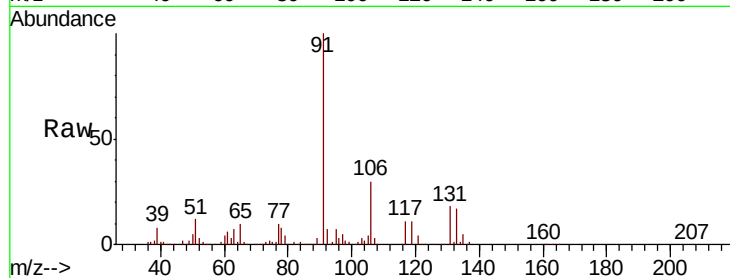
Tgt Ion: 131 Resp: 41395

Ion Ratio Lower Upper

131 100

133 94.4 47.1 141.3

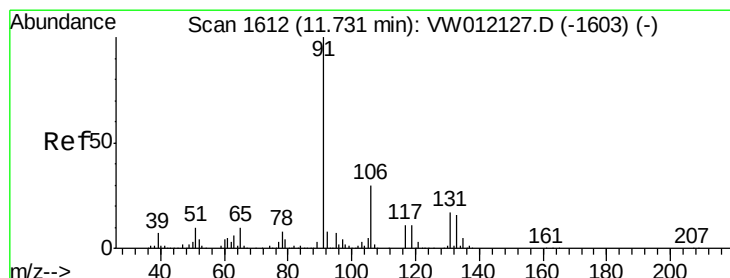
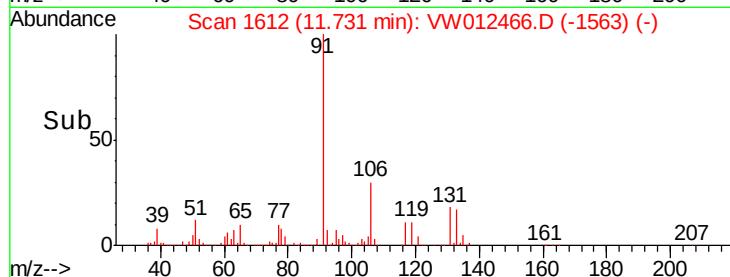
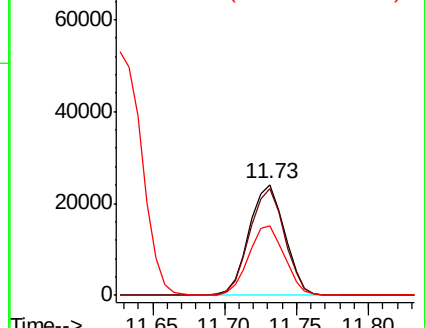
119 62.6 31.8 95.3



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: 19.816 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012466.D

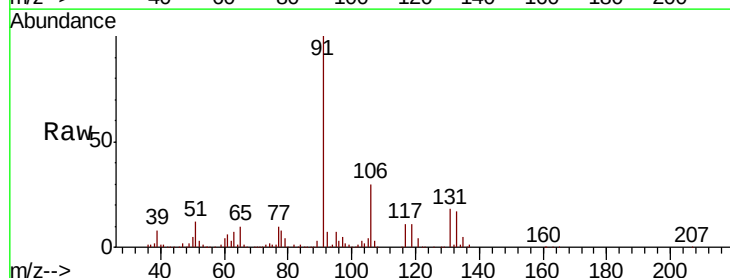
Acq: 02 Sep 2019 00:15

Tgt Ion: 91 Resp: 212531

Ion Ratio Lower Upper

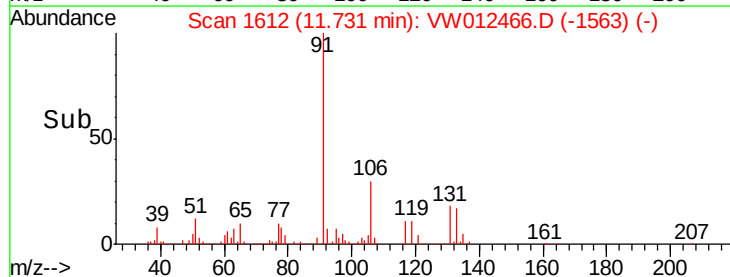
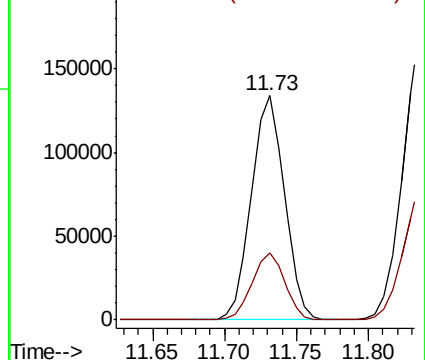
91 100

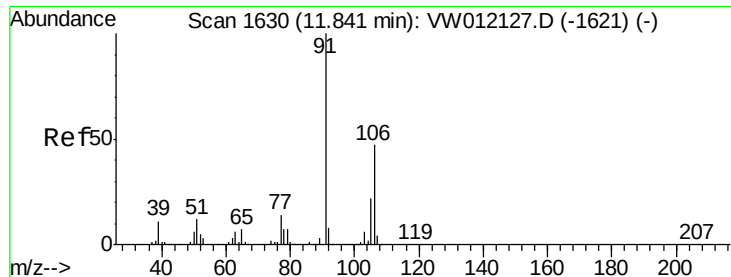
106 29.8 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

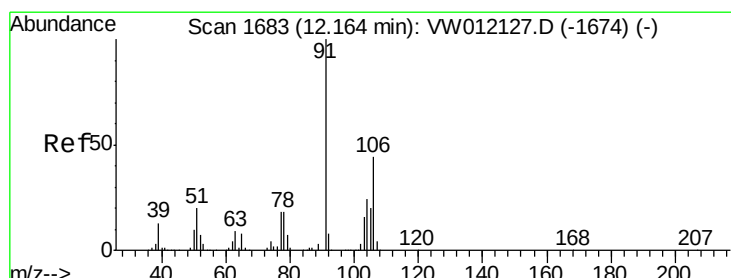
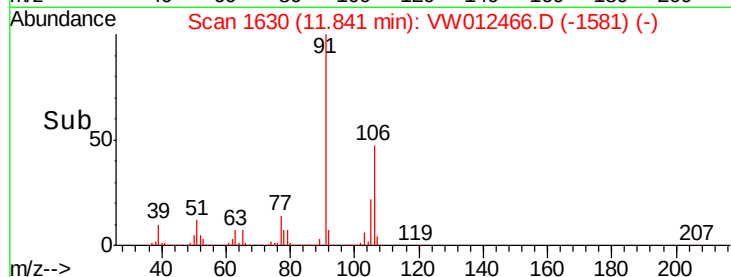
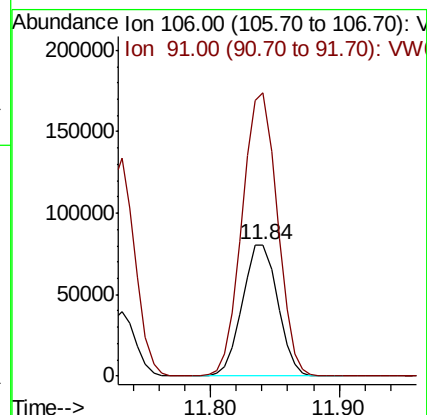
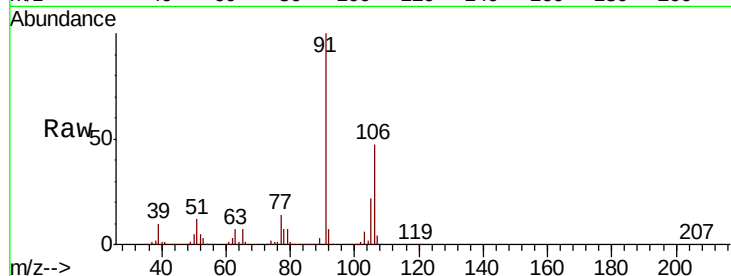




#68
m/p-Xylenes
Concen: 39.869 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

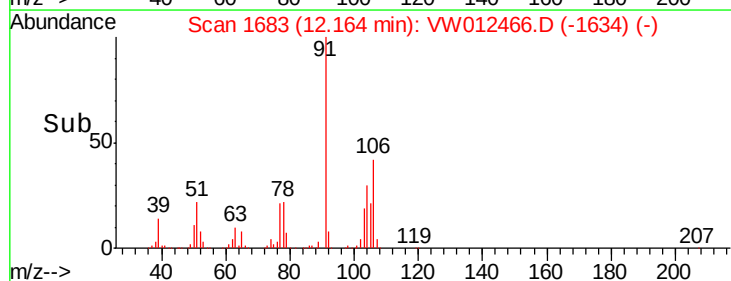
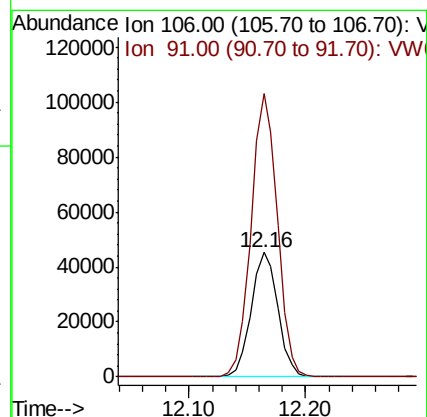
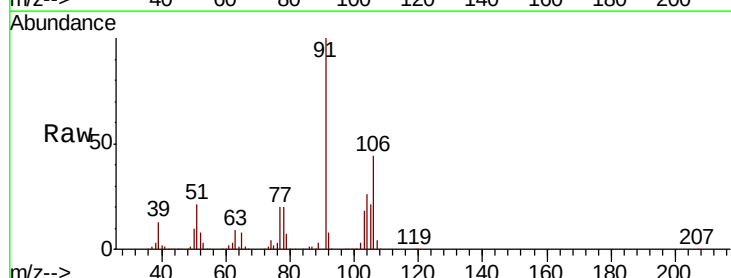
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

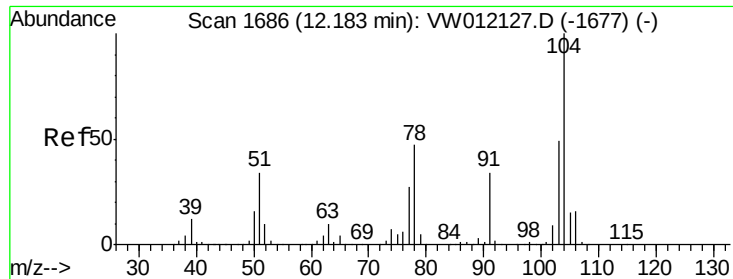
Tgt Ion:106 Resp: 154028
Ion Ratio Lower Upper
106 100
91 213.6 169.5 254.3



#69
o-Xylene
Concen: 20.273 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion:106 Resp: 72488
Ion Ratio Lower Upper
106 100
91 224.3 111.6 334.6

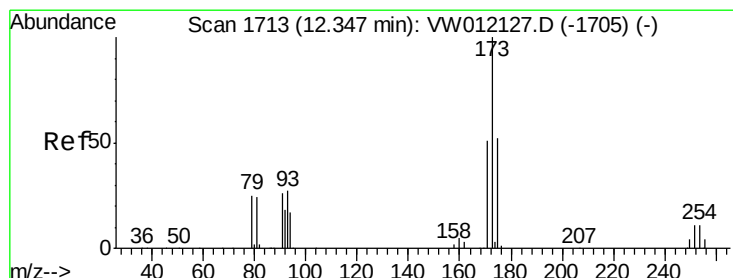
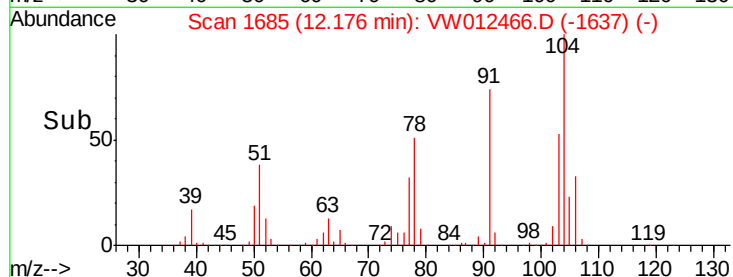
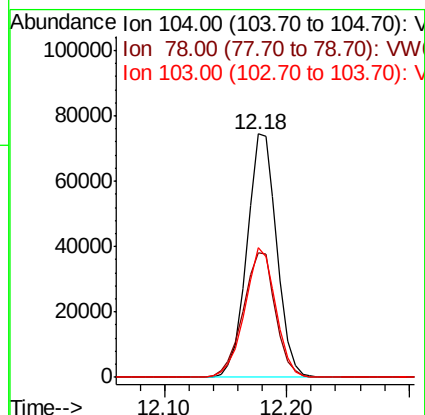
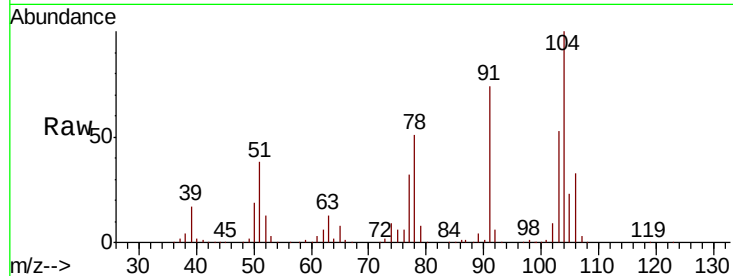




#70
Styrene
Concen: 20.372 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

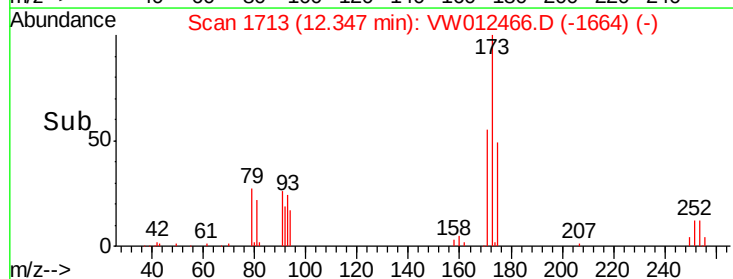
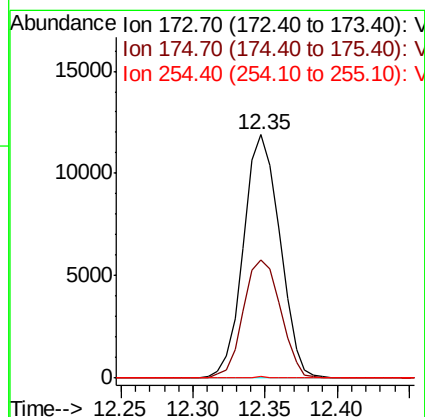
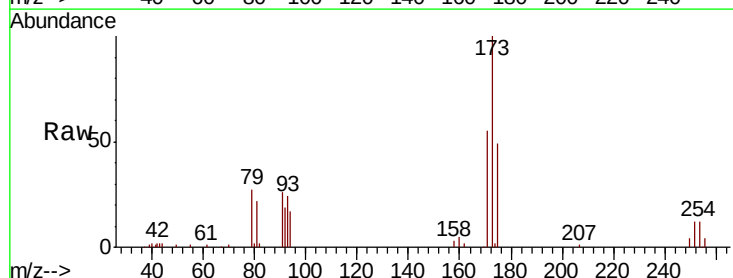
Instrument :
MSVOA_W
ClientSampleId :
VW0901SBS02

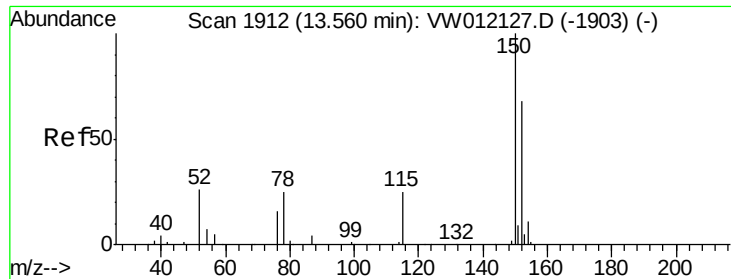
Tgt Ion:104 Resp: 126087
Ion Ratio Lower Upper
104 100
78 55.6 43.1 64.7
103 55.2 43.5 65.3



#71
Bromoform
Concen: 21.532 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012466.D
Acq: 02 Sep 2019 00:15

Tgt Ion:173 Resp: 20837
Ion Ratio Lower Upper
173 100
175 49.8 24.6 74.0
254 0.1 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

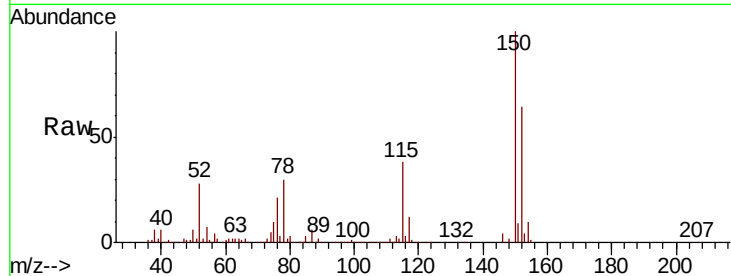
Tgt Ion:152 Resp: 139795

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

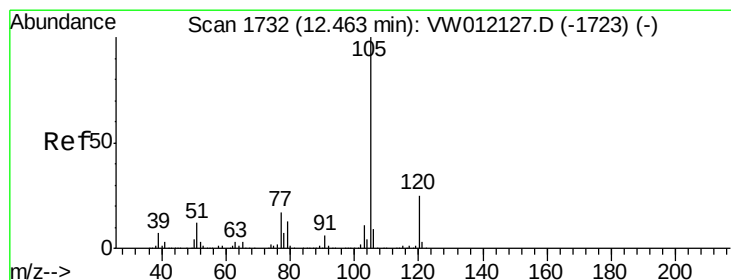
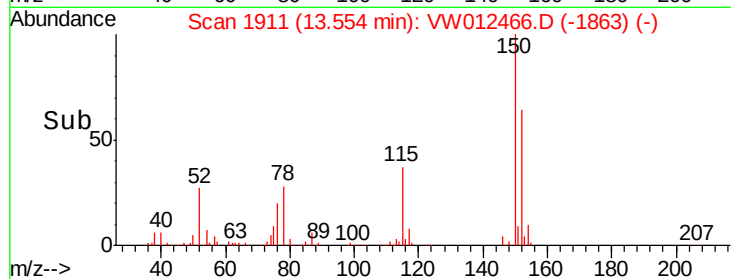
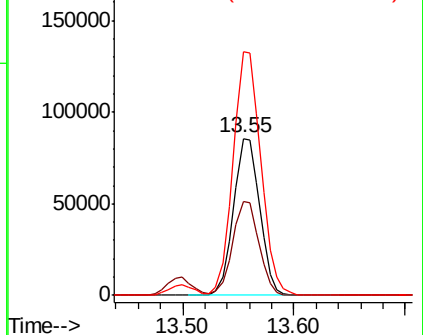
150 164.2 0.0 345.8



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: 19.295 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012466.D

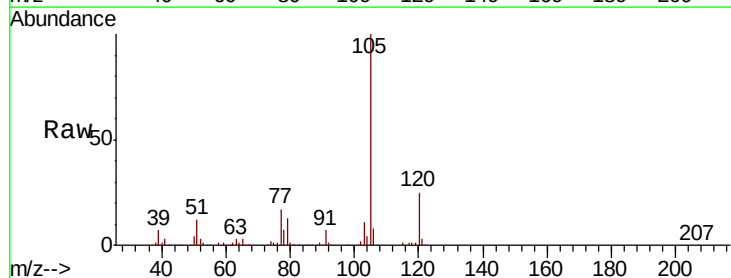
Acq: 02 Sep 2019 00:15

Tgt Ion:105 Resp: 202112

Ion Ratio Lower Upper

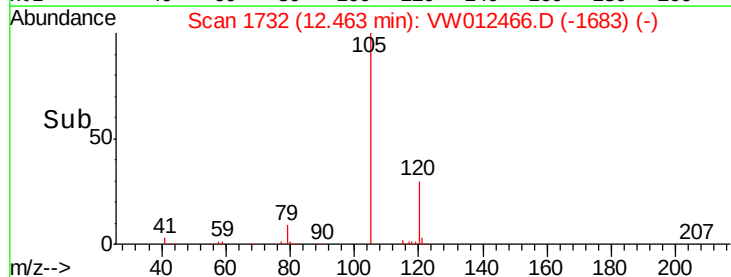
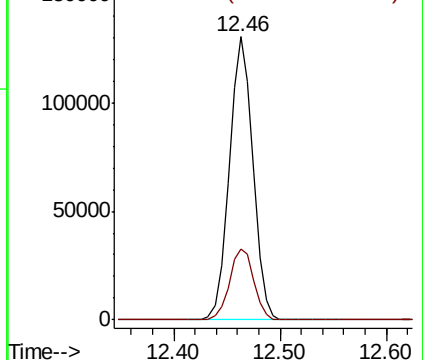
105 100

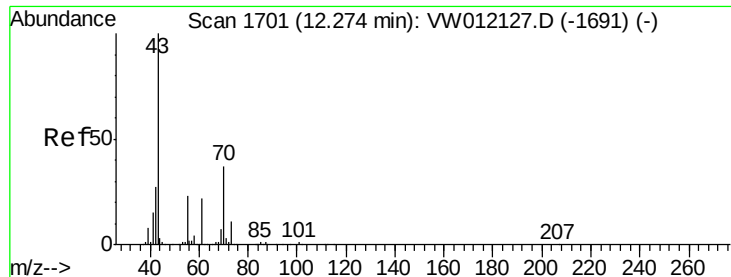
120 25.9 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 20.119 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

Tgt Ion: 43 Resp: 63673

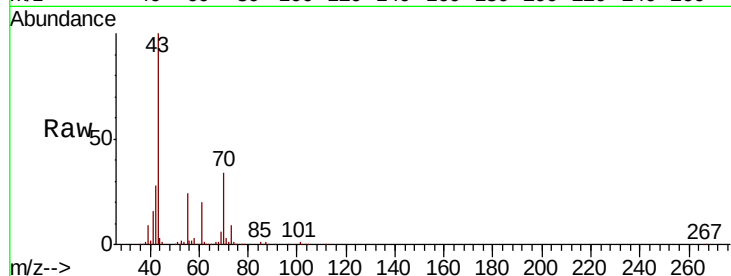
Ion Ratio Lower Upper

43 100

70 36.5 28.6 43.0

55 25.1 17.8 26.6

61 21.9 17.3 25.9



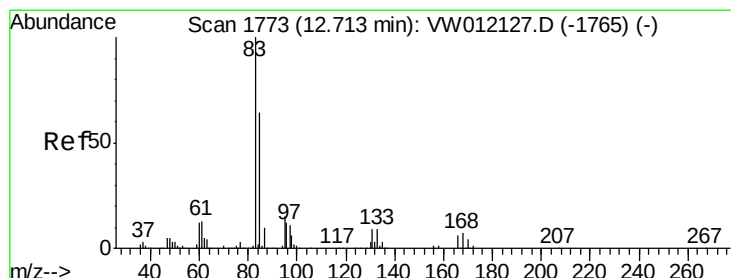
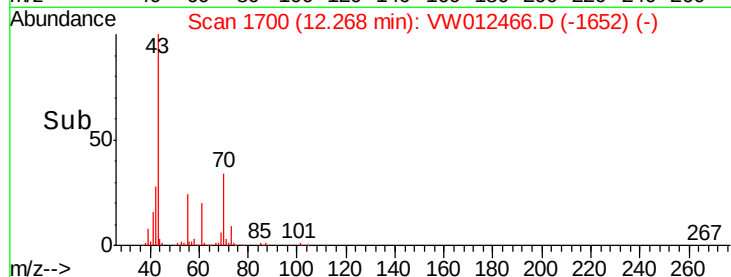
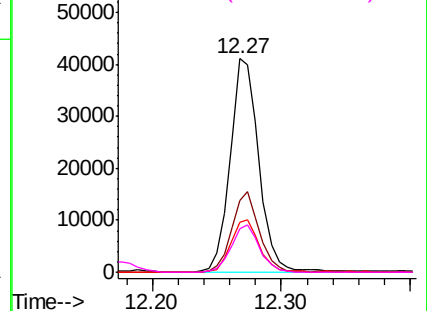
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 21.388 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

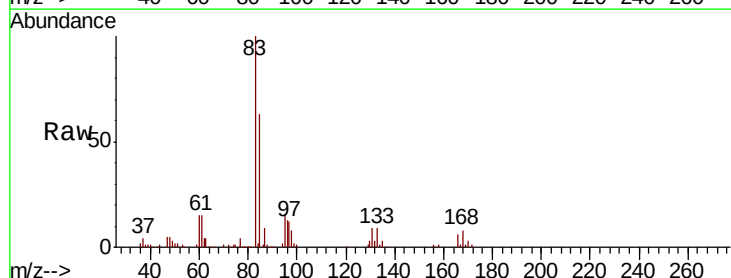
Tgt Ion: 83 Resp: 41073

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

85 61.7 31.9 95.7

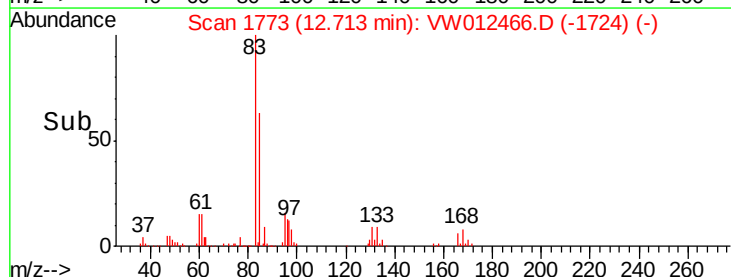
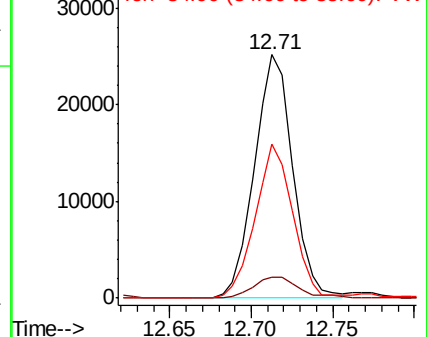


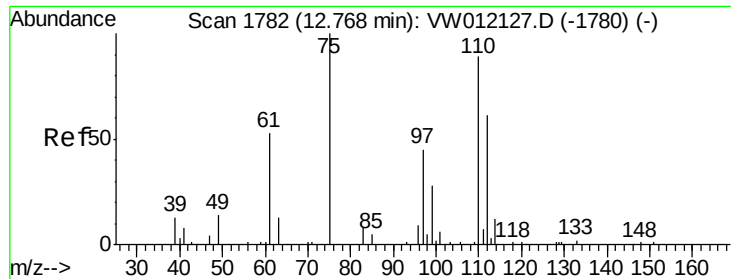
Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW

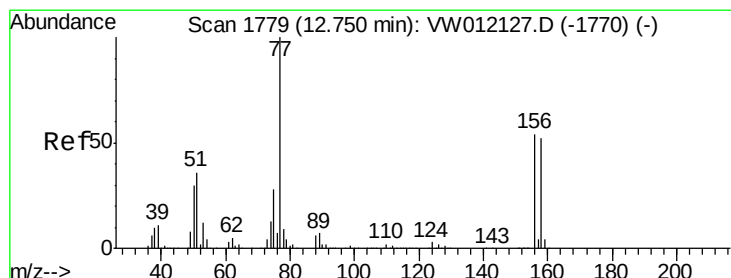
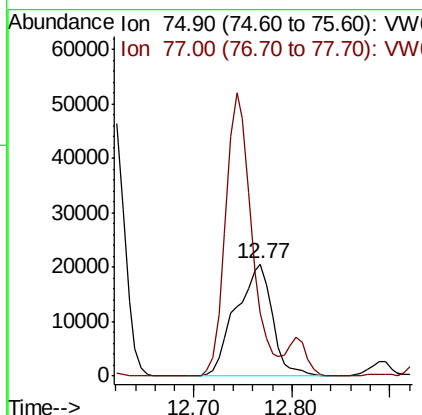
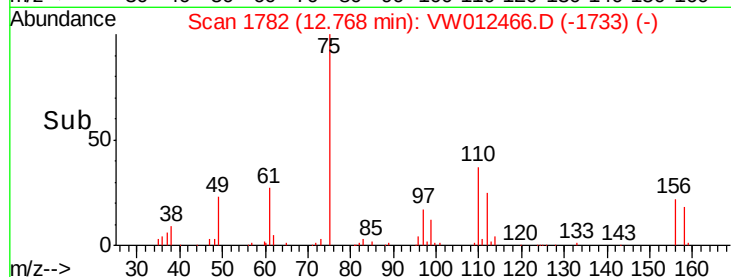
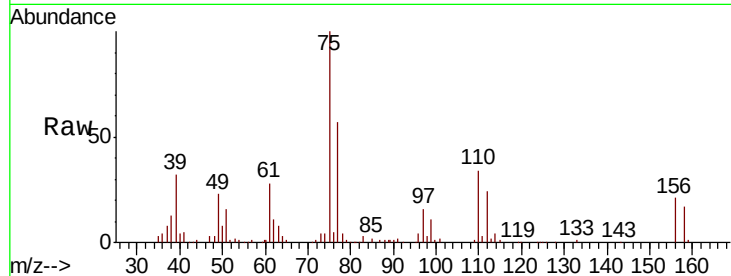




#76
 1,2,3-Trichloropropane
 Concen: 39.035 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

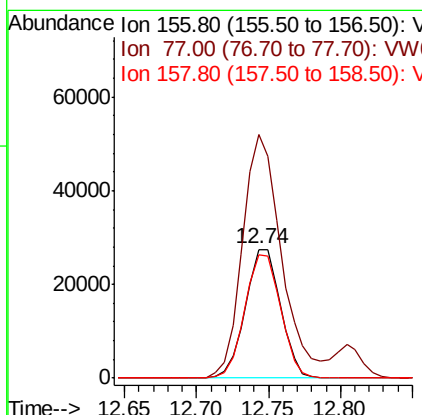
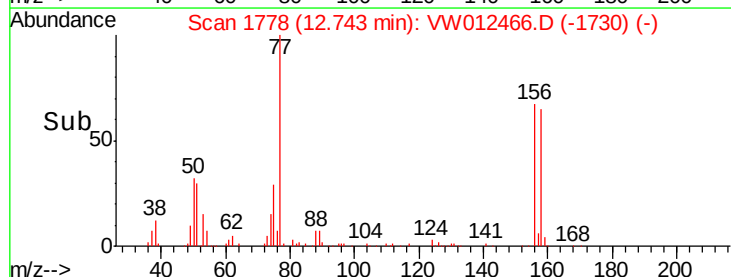
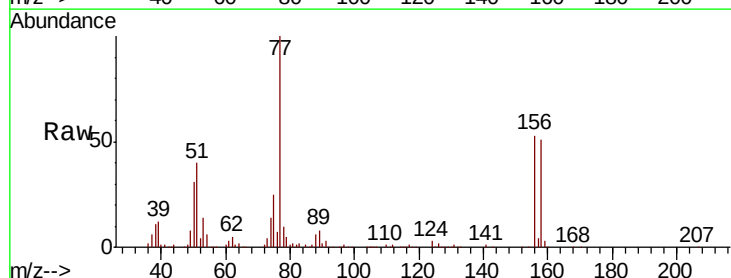
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

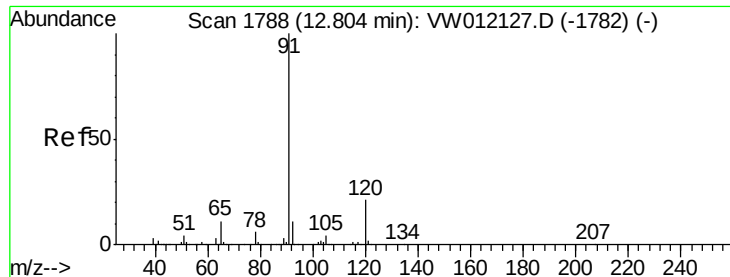
Tgt Ion: 75 Resp: 53146
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 20.483 ug/l
 RT: 12.74 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 156 Resp: 46418
 Ion Ratio Lower Upper
 156 100
 77 208.6 107.3 321.8
 158 97.1 49.0 147.0





#78

n-propylbenzene

Concen: 19.526 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

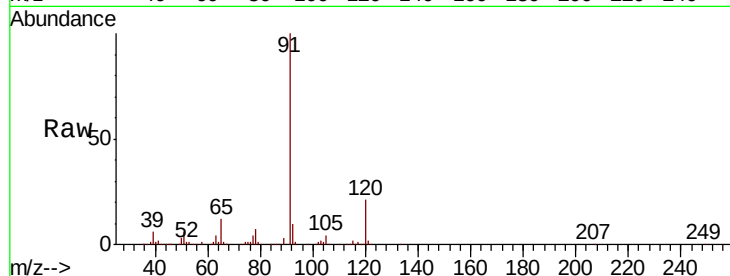
VW0901SBS02

Tgt Ion: 91 Resp: 249698

Ion Ratio Lower Upper

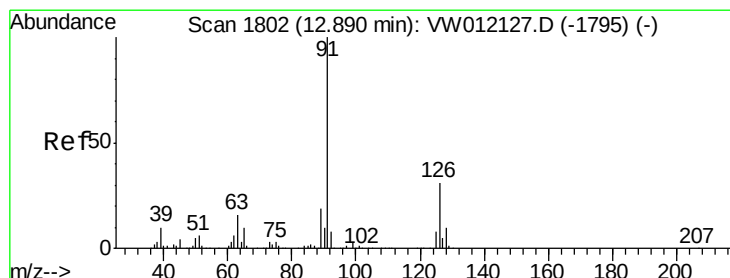
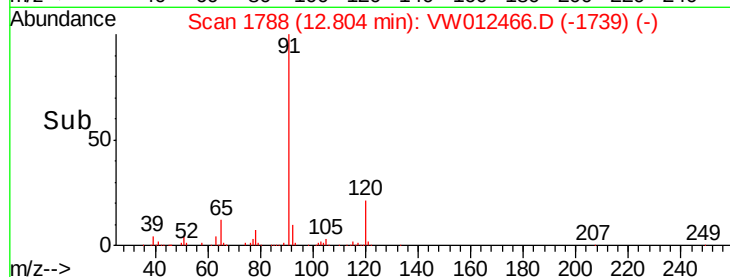
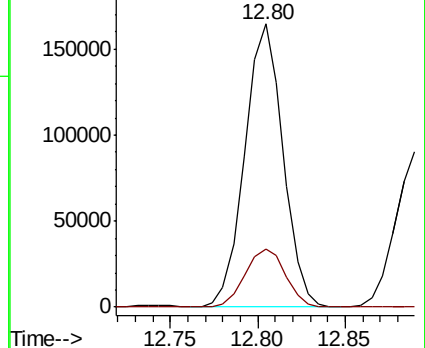
91 100

120 21.7 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 20.185 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012466.D

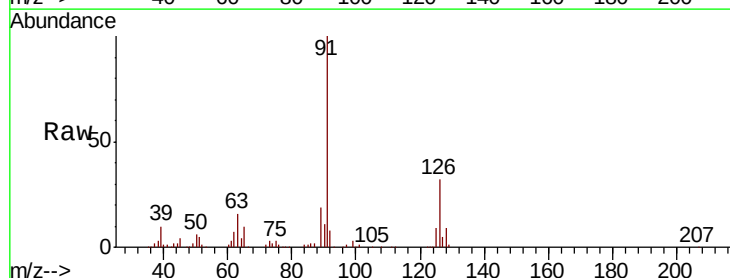
Acq: 02 Sep 2019 00:15

Tgt Ion: 91 Resp: 146551

Ion Ratio Lower Upper

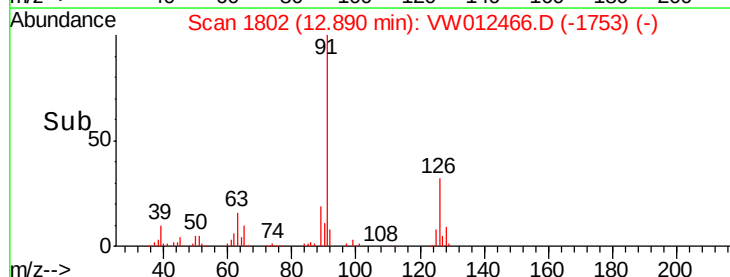
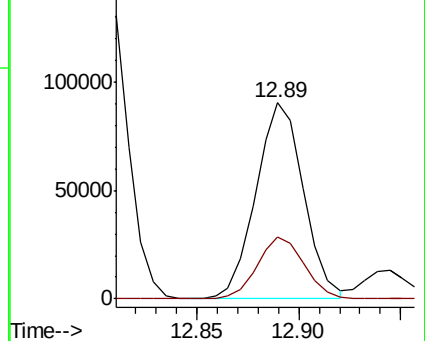
91 100

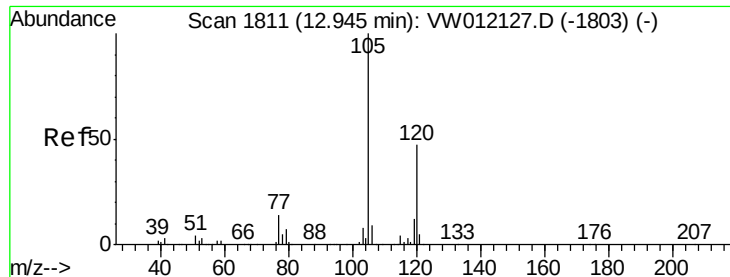
126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

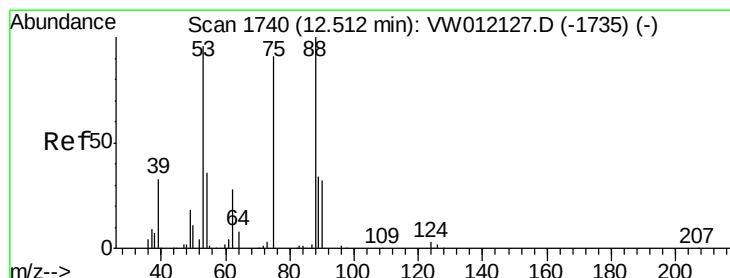
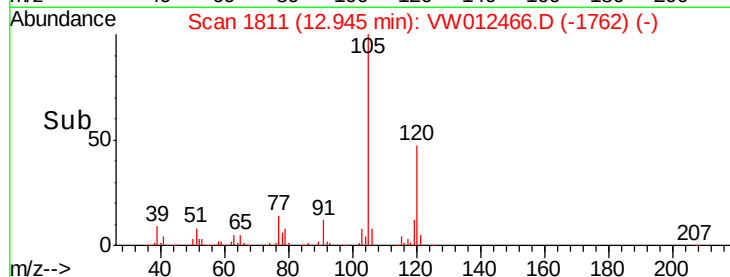
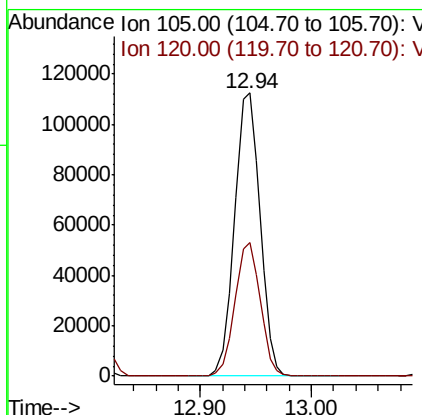
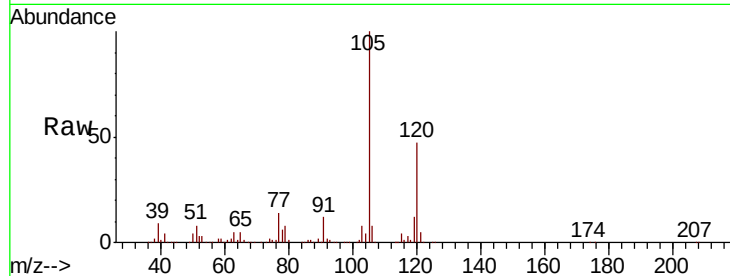




#80
 1,3,5-Trimethylbenzene
 Concen: 20.362 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

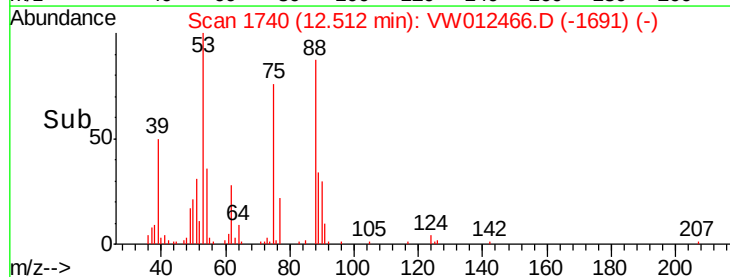
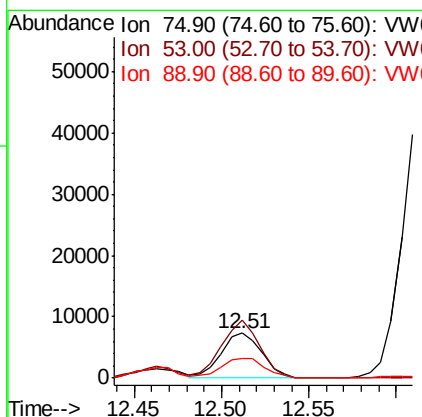
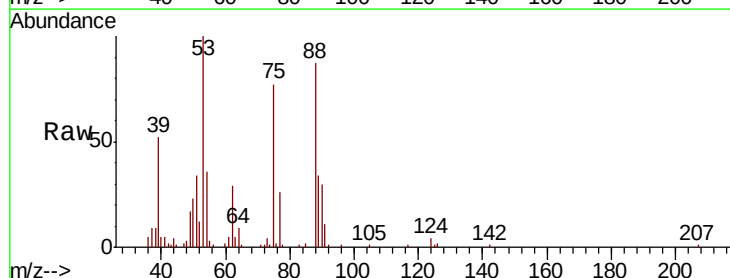
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

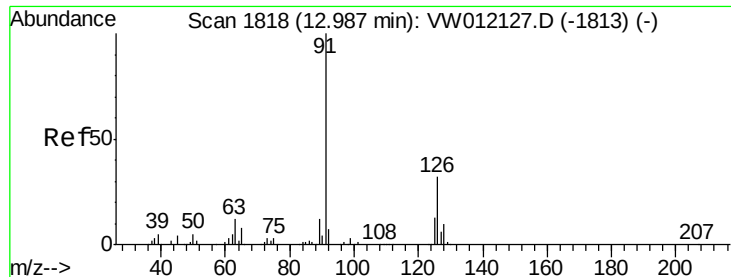
Tgt Ion:105 Resp: 178230
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.262 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion: 75 Resp: 11961
 Ion Ratio Lower Upper
 75 100
 53 120.9 89.4 134.0
 89 47.0 34.5 51.7





#82

4-Chlorotoluene

Concen: 20.019 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

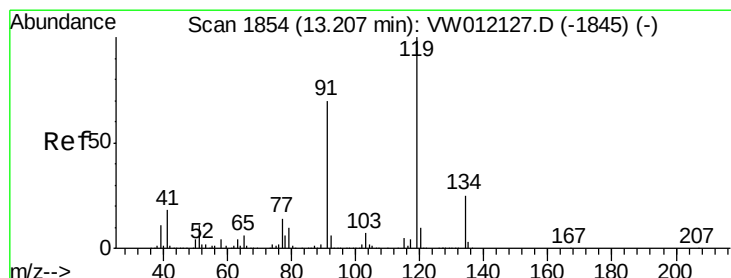
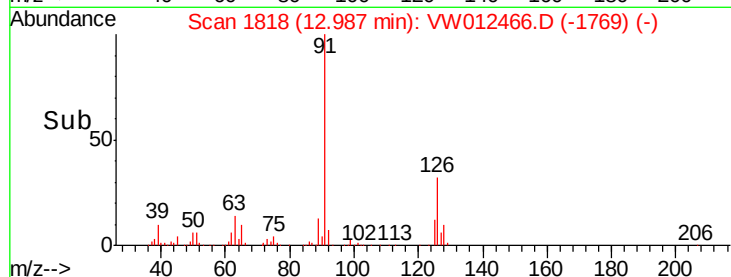
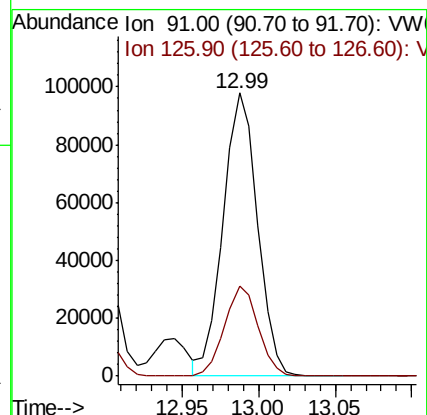
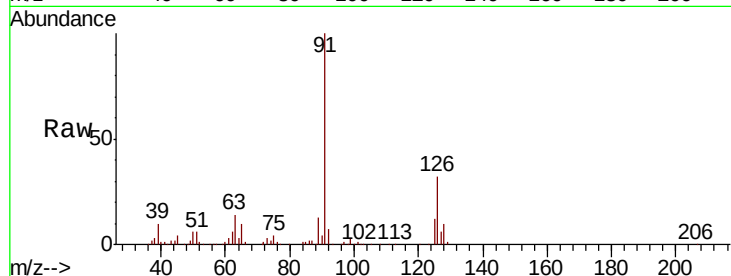
VW0901SBS02

Tgt Ion: 91 Resp: 152184

Ion Ratio Lower Upper

91 100

126 31.5 15.6 46.8



#83

tert-Butylbenzene

Concen: 20.182 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

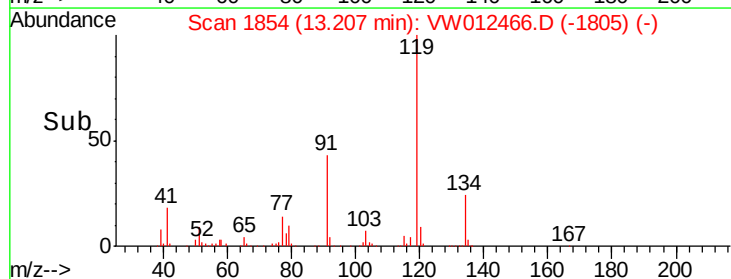
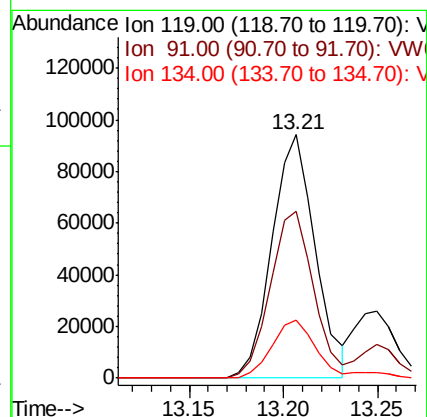
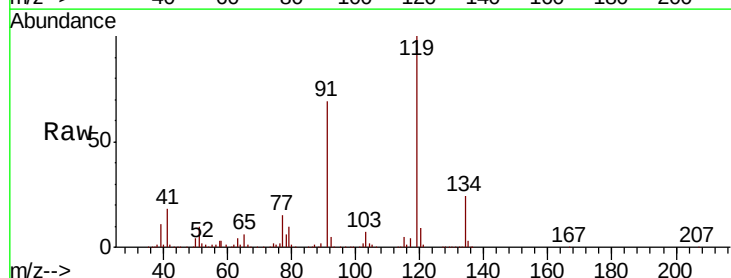
Tgt Ion: 119 Resp: 149639

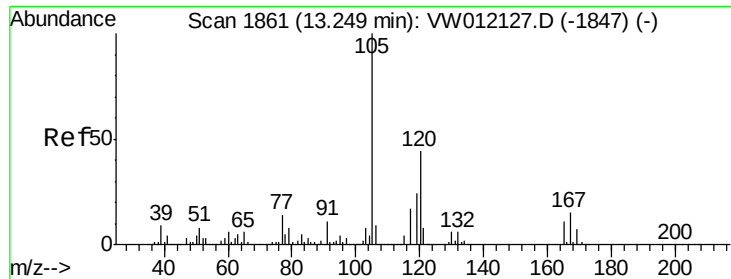
Ion Ratio Lower Upper

119 100

91 68.7 34.8 104.3

134 26.0 13.3 39.8

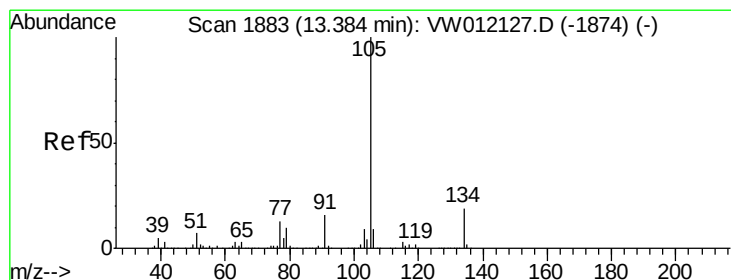
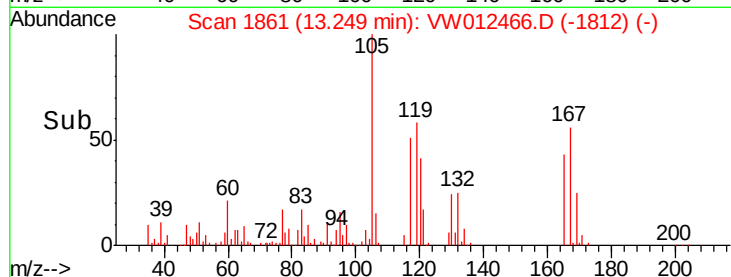
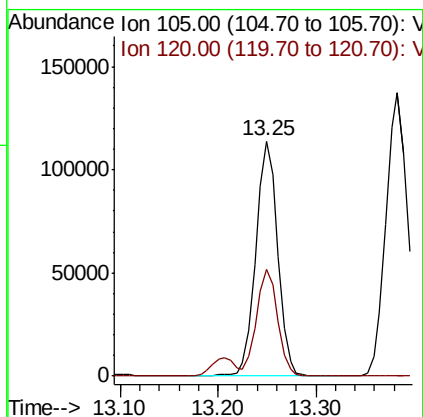
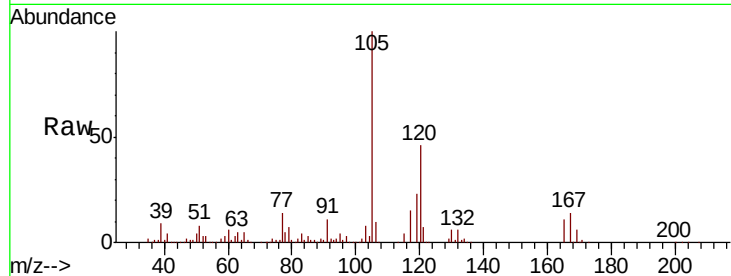




#84
 1,2,4-Trimethylbenzene
 Concen: 20.096 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

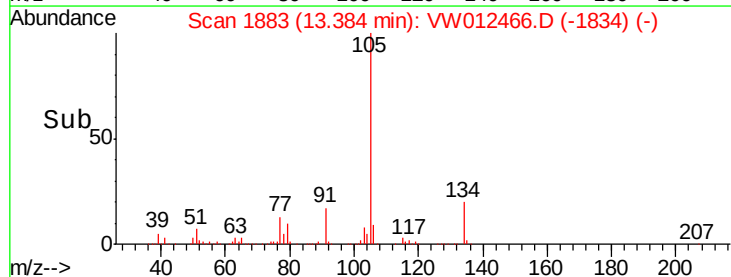
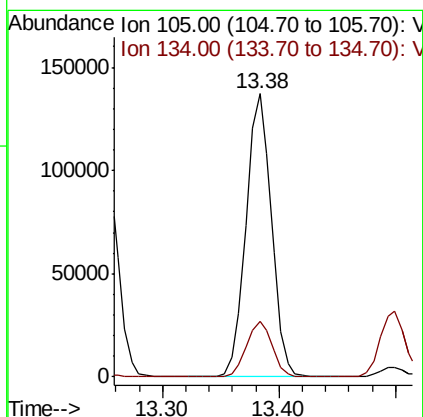
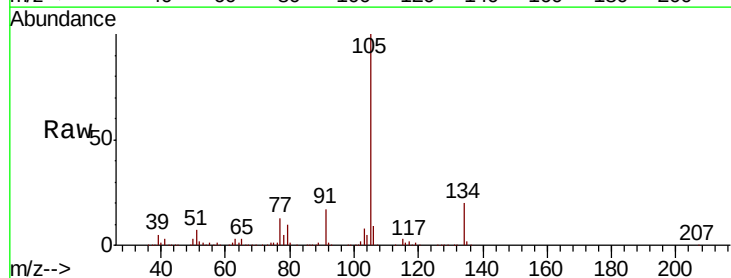
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

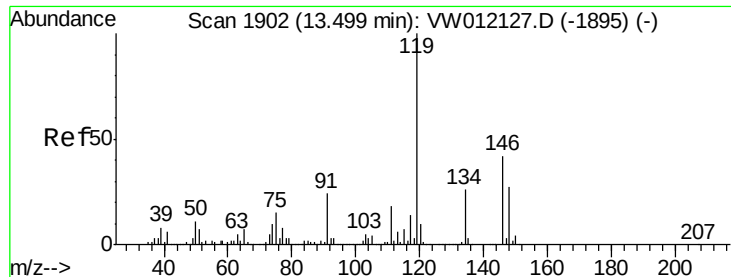
Tgt Ion:105 Resp: 176692
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 19.751 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion:105 Resp: 209803
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

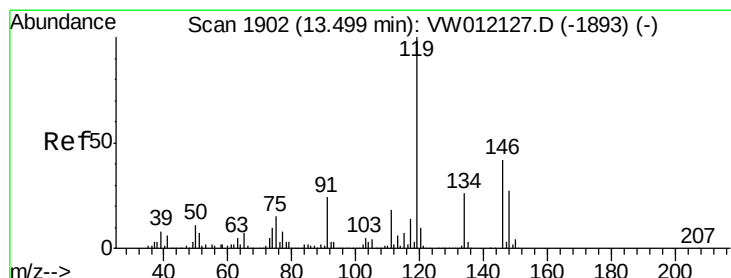
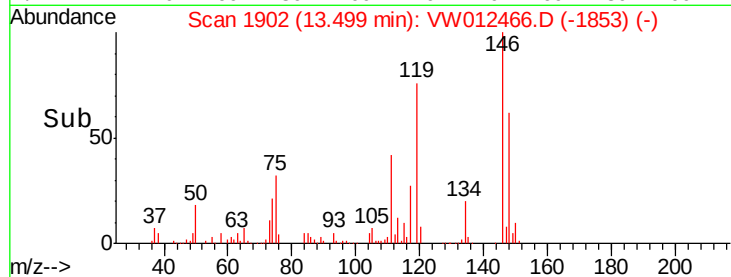
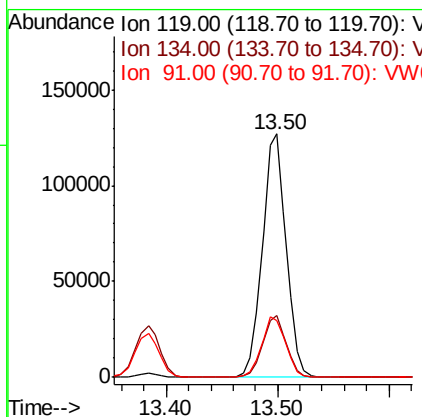
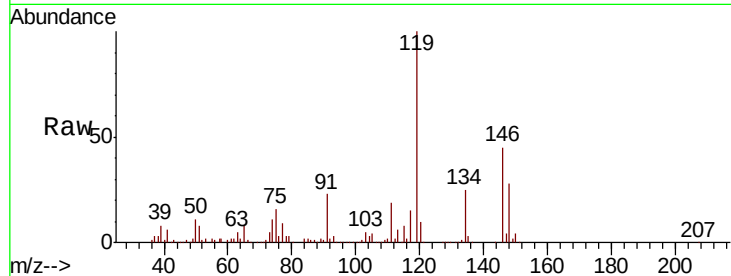




#86
 p-Isopropyltoluene
 Concen: 19.961 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

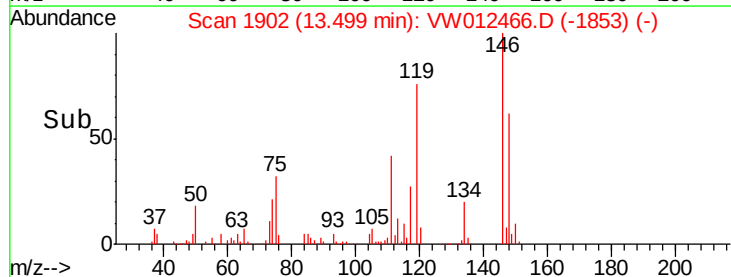
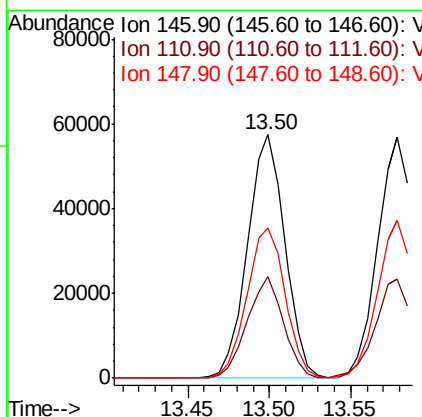
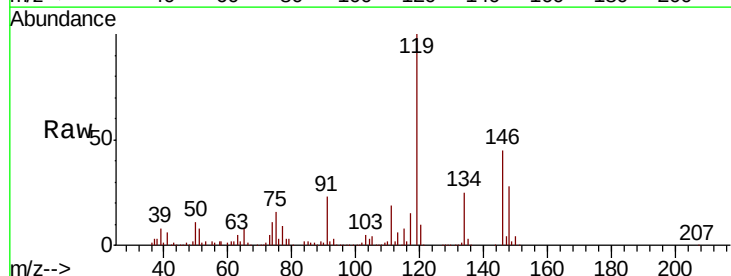
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

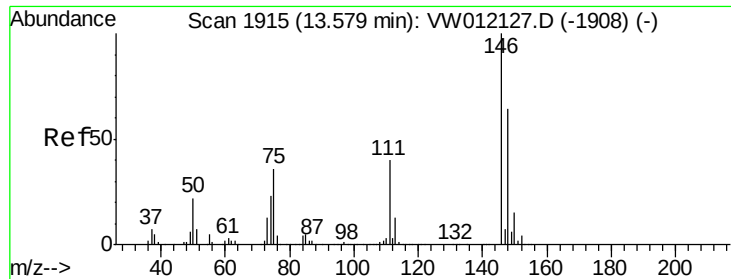
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.3
91	25.3	12.3	36.9



#87
 1,3-Dichlorobenzene
 Concen: 20.722 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.9	62.7
148	63.2	32.2	96.6

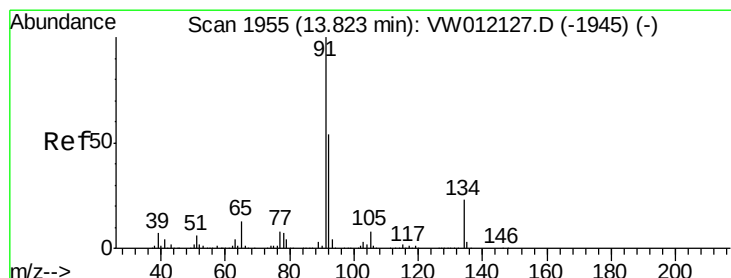
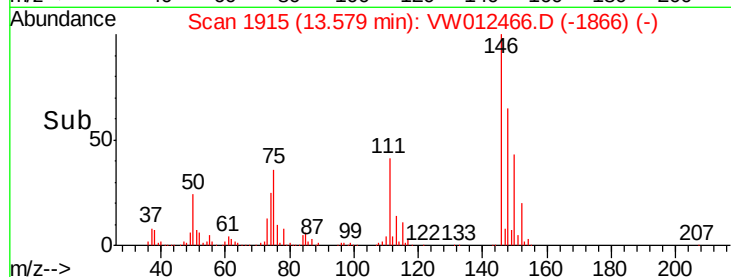
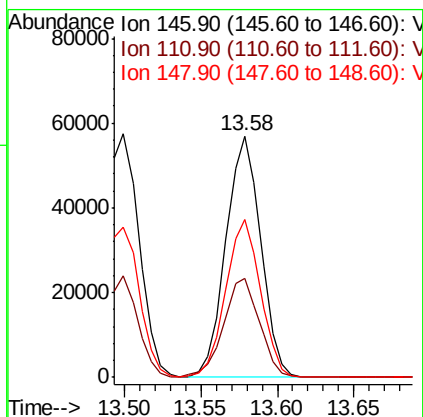
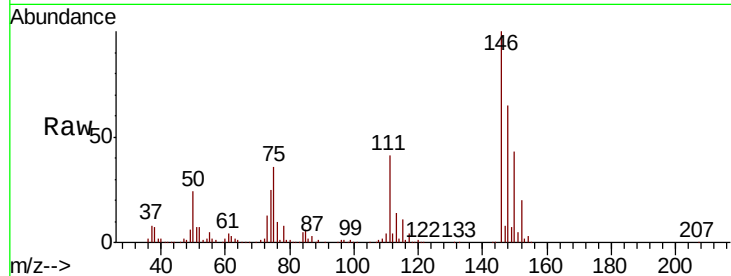




#88
 1,4-Dichlorobenzene
 Concen: 20.403 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

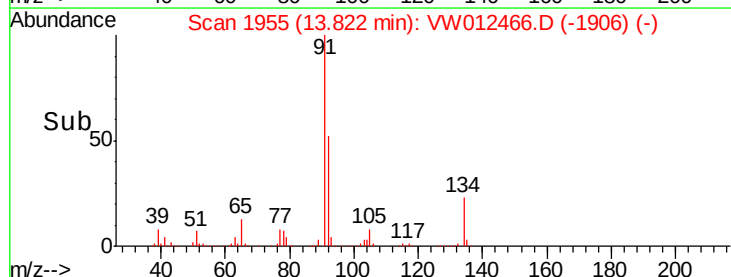
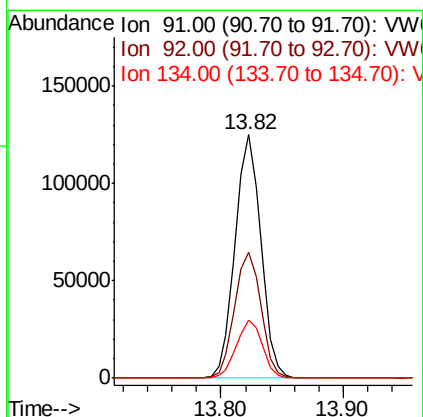
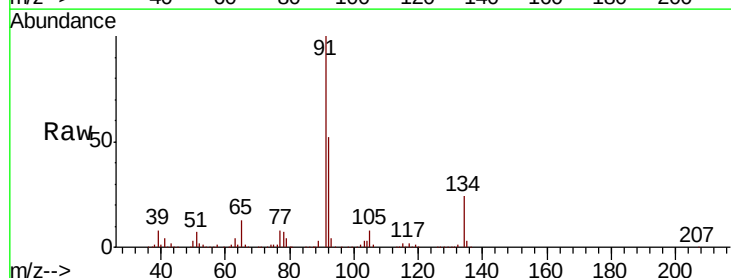
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

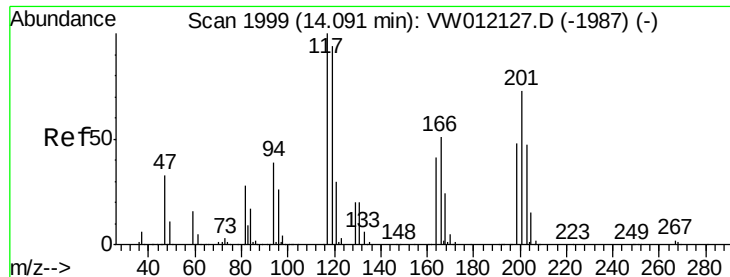
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.0	60.0
148	65.2	32.1	96.3



#89
 n-Butylbenzene
 Concen: 19.308 ug/l
 RT: 13.82 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.1	81.2
134	24.0	12.2	36.4





#90

Hexachloroethane

Concen: 19.774 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

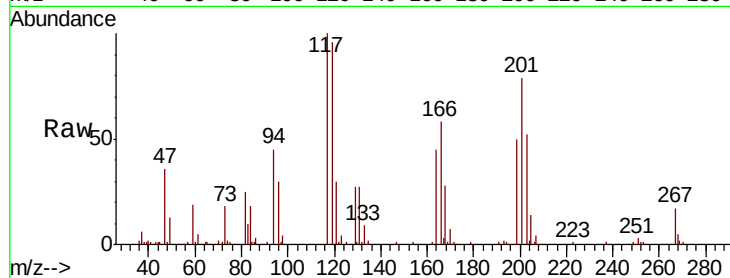
VW0901SBS02

Tgt Ion:117 Resp: 32911

Ion Ratio Lower Upper

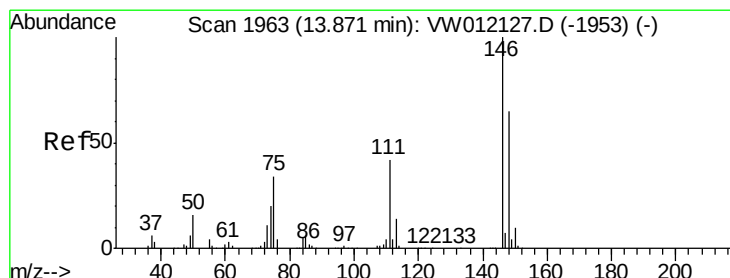
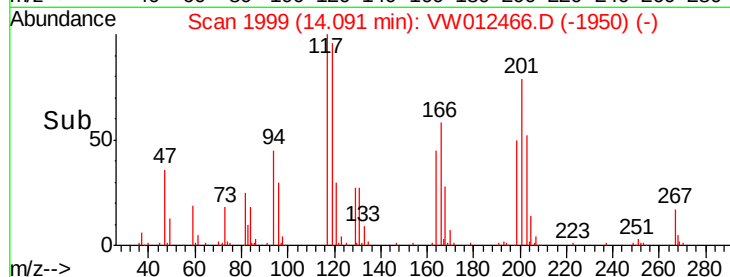
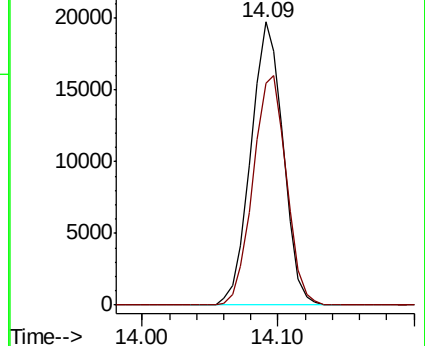
117 100

201 83.8 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 21.176 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

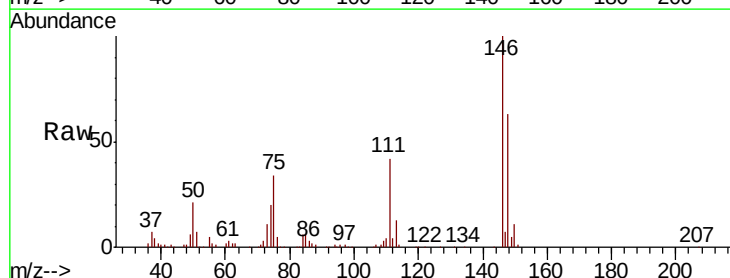
Tgt Ion:146 Resp: 82342

Ion Ratio Lower Upper

146 100

111 43.1 21.2 63.6

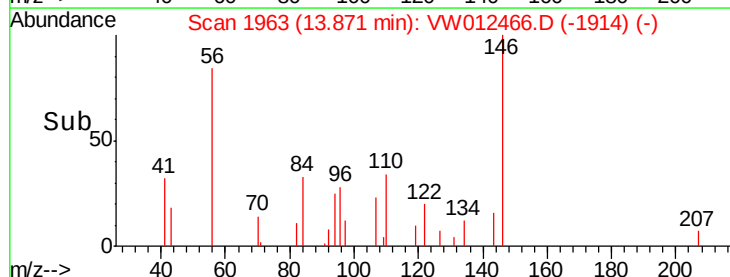
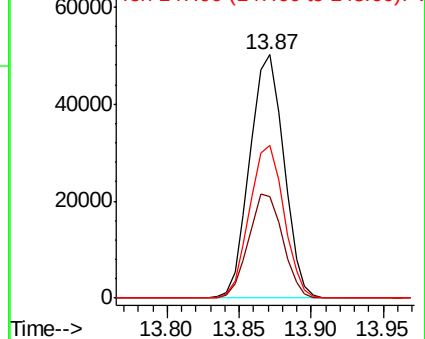
148 63.5 32.5 97.4

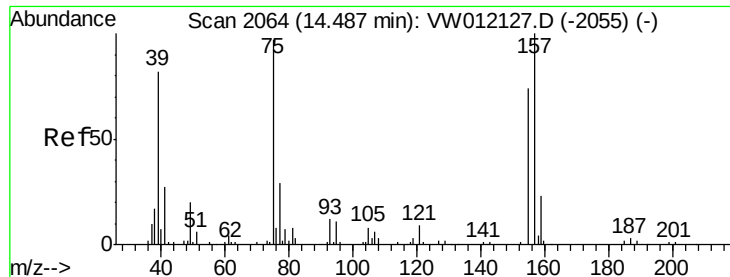


Abundance Ion 145.90 (145.60 to 146.60): V

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: 22.385 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

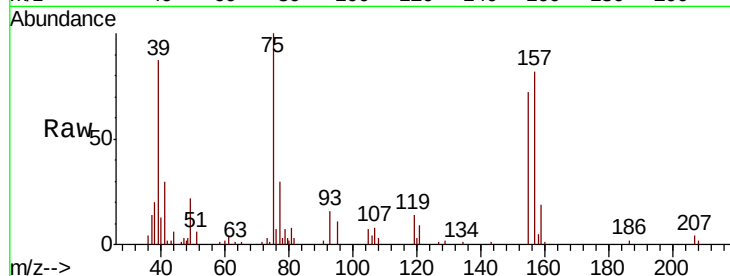
Tgt Ion: 75 Resp: 7247

Ion Ratio Lower Upper

75 100

155 75.0 37.5 112.3

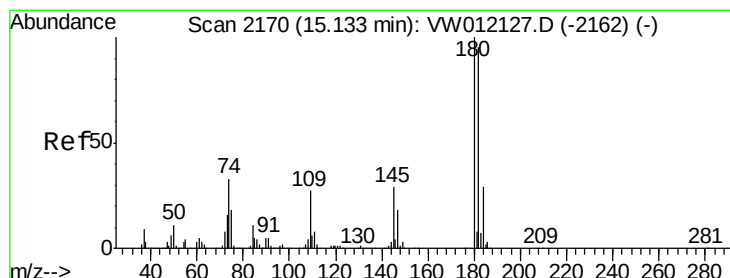
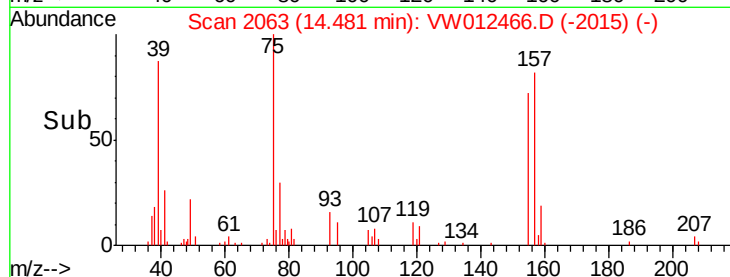
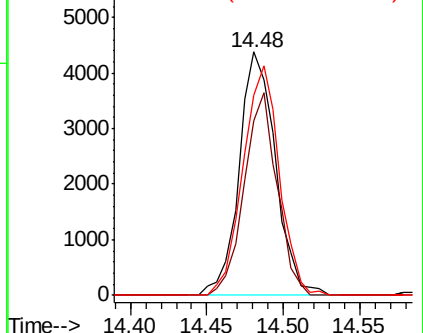
157 94.2 50.5 151.5



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: 20.584 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

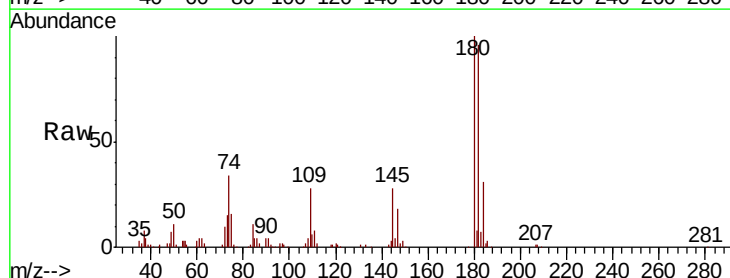
Tgt Ion: 180 Resp: 55313

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.4

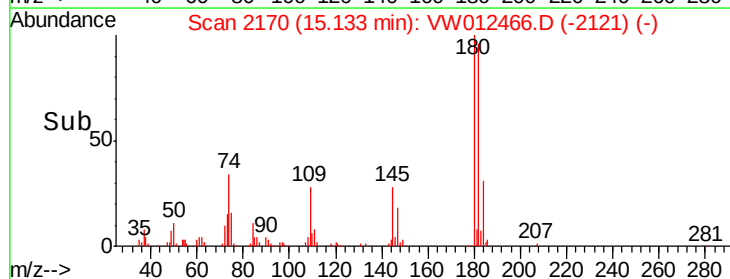
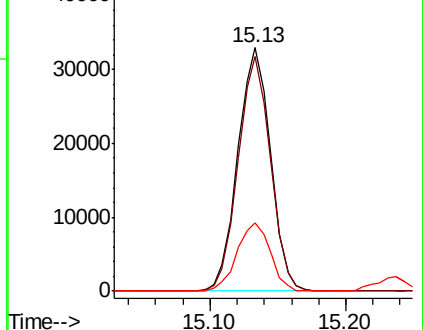
145 28.5 15.0 45.1

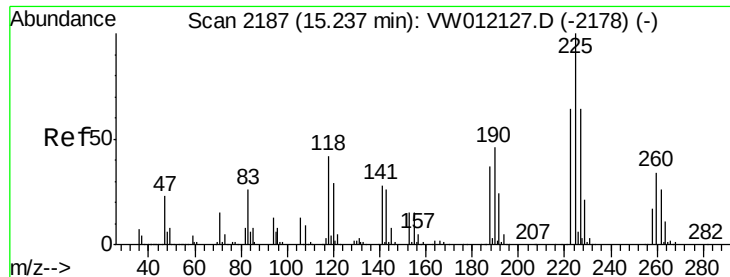


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 21.676 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

Instrument :

MSVOA_W

ClientSampleId :

VW0901SBS02

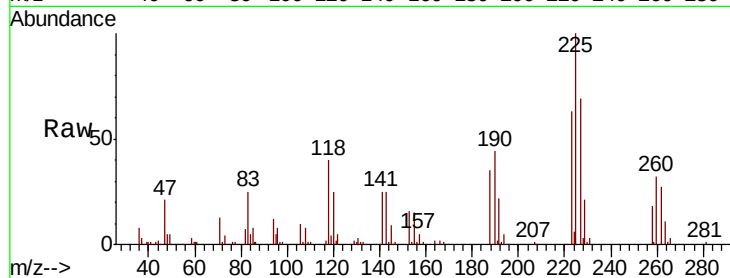
Tgt Ion:225 Resp: 38461

Ion Ratio Lower Upper

225 100

223 63.0 32.3 96.8

227 66.0 32.9 98.6

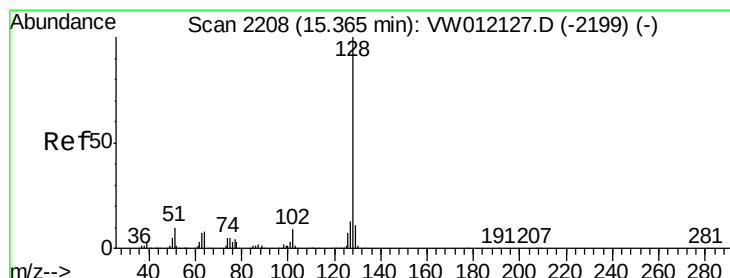
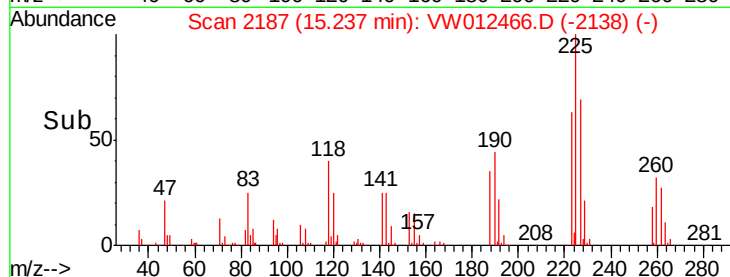
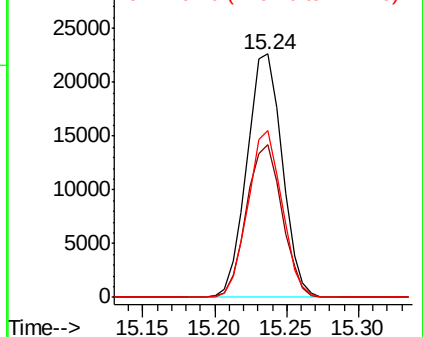


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 20.791 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012466.D

Acq: 02 Sep 2019 00:15

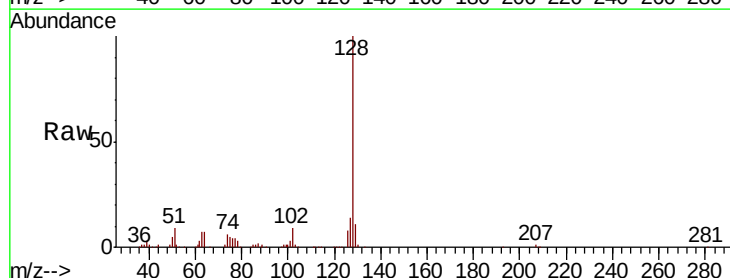
Tgt Ion:128 Resp: 95062

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.7 8.7 13.1

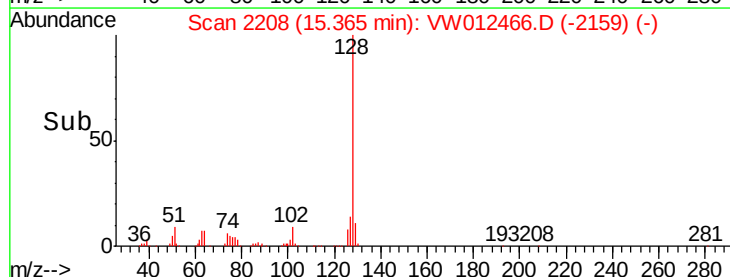
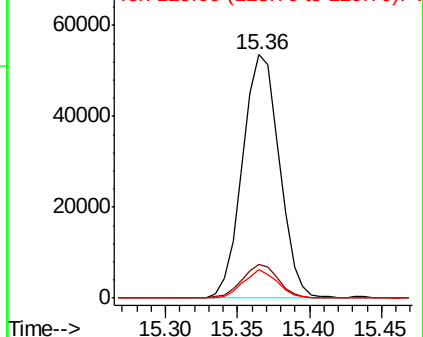


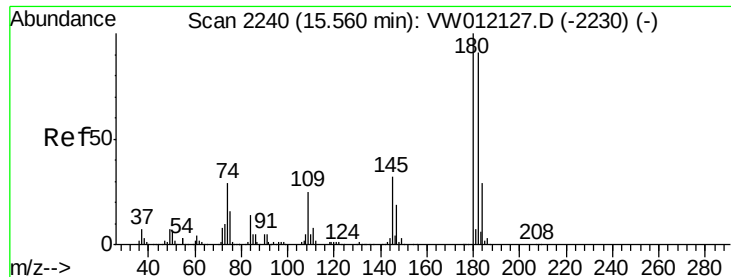
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

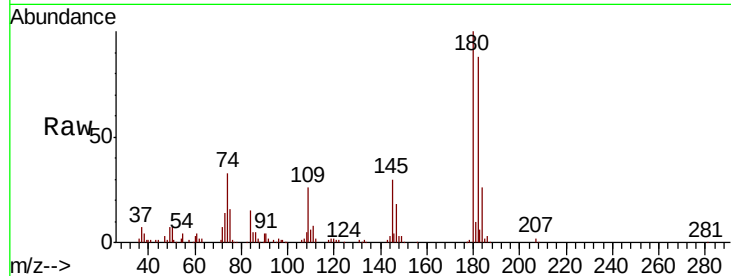




#96
 1,2,3-Trichlorobenzene
 Concen: 21.007 ug/l
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: VW012466.D
 Acq: 02 Sep 2019 00:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS02

Tgt Ion:	180	Resp:	49251
Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.3
145	30.5	16.2	48.5



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

