

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012515.D
 Acq On : 02 Sep 2019 23:21
 Operator : SY/VA
 Sample : VW0902SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

Quant Time: Sep 03 07:44:05 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	189642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	308197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122918	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
35) Dibromofluoromethane	7.88	113	99050	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
50) Toluene-d8	10.32	98	395167	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.62	95	142884	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	17644	15.110	ug/l	97
3) Chloromethane	2.21	50	32231	17.816	ug/l	97
4) Vinyl Chloride	2.36	62	37391	16.886	ug/l	98
5) Bromomethane	2.76	94	19795	17.652	ug/l	92
6) Chloroethane	2.92	64	22223	17.791	ug/l	96
7) Trichlorofluoromethane	3.25	101	19328	17.384	ug/l	93
8) Diethyl Ether	3.68	74	21130	20.022	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37548	19.868	ug/l	97
10) Methyl Iodide	4.27	142	49630	19.409	ug/l	98
11) Tert butyl alcohol	5.18	59	16927	124.768	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	36497	19.187	ug/l	93
13) Acrolein	3.89	56	7751	60.694	ug/l	90
14) Allyl chloride	4.67	41	77345	19.019	ug/l	100
15) Acrylonitrile	5.37	53	56225	107.485	ug/l	98
16) Acetone	4.12	43	49188	85.356	ug/l	96
17) Carbon Disulfide	4.38	76	87922	15.294	ug/l	97
18) Methyl Acetate	4.67	43	42169	29.544	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	72571	23.591	ug/l	95
20) Methylene Chloride	4.92	84	43270	19.862	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	38948	19.094	ug/l	90
22) Diisopropyl ether	6.31	45	157824	20.938	ug/l	97
23) Vinyl Acetate	6.25	43	444372	95.792	ug/l	99
24) 1,1-Dichloroethane	6.21	63	83749	20.405	ug/l	100
25) 2-Butanone	7.17	43	78438	100.166	ug/l	99
26) 2,2-Dichloropropane	7.16	77	44336	19.085	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	44994	20.645	ug/l	100
28) Bromochloromethane	7.51	49	37211	20.802	ug/l #	92
29) Tetrahydrofuran	7.53	42	52162	111.027	ug/l	98
30) Chloroform	7.67	83	80158	21.347	ug/l	100
31) Cyclohexane	7.95	56	72386	17.826	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	63020	21.216	ug/l	97
36) 1,1-Dichloropropene	8.08	75	60689	19.055	ug/l	99
37) Ethyl Acetate	7.25	43	36936	21.164	ug/l	100
38) Carbon Tetrachloride	8.07	117	55307	20.064	ug/l	97

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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)
39) Methylcyclohexane	9.34	83	66966	18.716	ug/l	96
40) Benzene	8.32	78	173356	19.934	ug/l	97
41) Methacrylonitrile	7.48	41	24706	24.086	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	56860	20.862	ug/l	99
43) Isopropyl Acetate	8.42	43	67013	20.729	ug/l	98
44) Trichloroethene	9.09	130	43127	20.400	ug/l	91
45) 1,2-Dichloropropane	9.37	63	48096	20.550	ug/l	97
46) Dibromomethane	9.46	93	21616	20.758	ug/l	98
47) Bromodichloromethane	9.64	83	58595	21.142	ug/l	95
48) Methyl methacrylate	9.43	41	32412	21.065	ug/l	95
49) 1,4-Dioxane	9.46	88	7154	448.755	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	176161	107.136	ug/l	98
52) Toluene	10.38	92	106815	20.446	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	57501	20.368	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	68438	20.077	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32497	22.056	ug/l	97
56) Ethyl methacrylate	10.65	69	46697	21.777	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58830	21.129	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	117934	107.160	ug/l	100
59) 2-Hexanone	10.97	43	118530	101.879	ug/l	99
60) Dibromochloromethane	11.13	129	34923	21.280	ug/l	99
61) 1,2-Dibromoethane	11.23	107	29978	21.840	ug/l	98
64) Tetrachloroethene	10.86	164	37812	22.201	ug/l	97
65) Chlorobenzene	11.66	112	109067	21.085	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	39359	21.811	ug/l	99
67) Ethyl Benzene	11.73	91	209757	21.051	ug/l	100
68) m/p-Xylenes	11.84	106	150116	41.823	ug/l	100
69) o-Xylene	12.16	106	71966	21.663	ug/l	99
70) Styrene	12.18	104	124190	21.598	ug/l	99
71) Bromoform	12.35	173	20250	22.523	ug/l #	99
73) Isopropylbenzene	12.46	105	202730	20.688	ug/l	99
74) N-amyl acetate	12.27	43	58252	19.675	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	38562	21.465	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	49955	39.220	ug/l #	100
77) Bromobenzene	12.74	156	45478	21.452	ug/l	94
78) n-propylbenzene	12.80	91	241259	20.167	ug/l	99
79) 2-Chlorotoluene	12.89	91	139385	20.522	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	169311	20.677	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11116	19.135	ug/l	94
82) 4-Chlorotoluene	12.99	91	144543	20.324	ug/l	99
83) tert-Butylbenzene	13.21	119	147190	21.220	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	169742	20.636	ug/l	99
85) sec-Butylbenzene	13.38	105	204788	20.608	ug/l	99
86) p-Isopropyltoluene	13.50	119	183124	20.634	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	85674	20.661	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	85889	20.860	ug/l	99
89) n-Butylbenzene	13.82	91	172473	19.543	ug/l	99
90) Hexachloroethane	14.09	117	31307	20.107	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	78061	21.459	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6654	21.970	ug/l	97

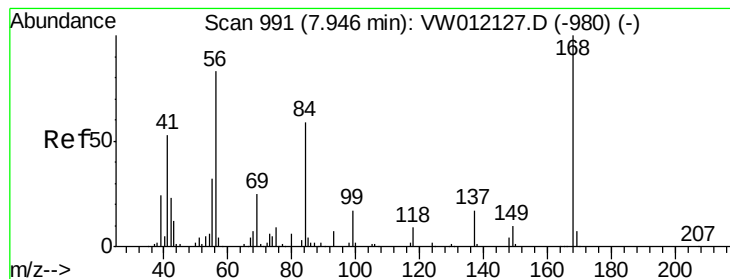
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	52974	21.072	ug/l	99
94) Hexachlorobutadiene	15.24	225	35843	21.593	ug/l	99
95) Naphthalene	15.36	128	98327	22.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	47950	21.862	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleID :

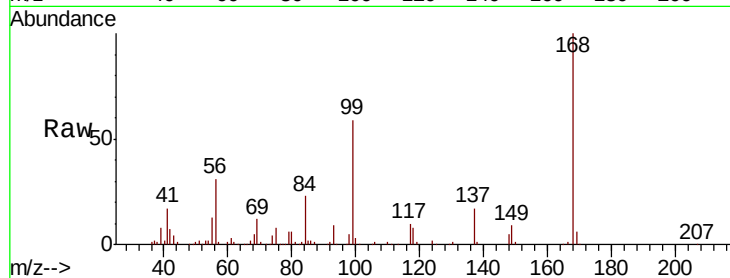
VW0902SBSD02

Tgt Ion:168 Resp: 189642

Ion Ratio Lower Upper

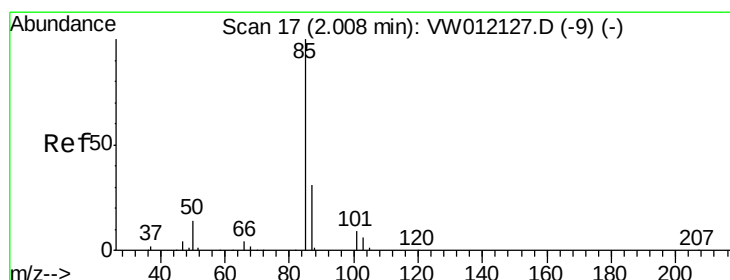
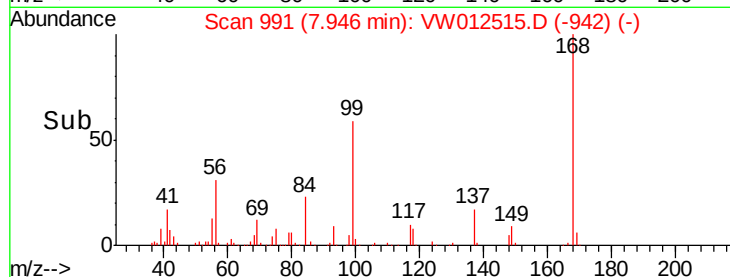
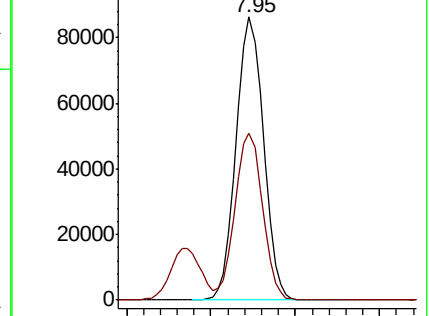
168 100

99 59.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 15.110 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012515.D

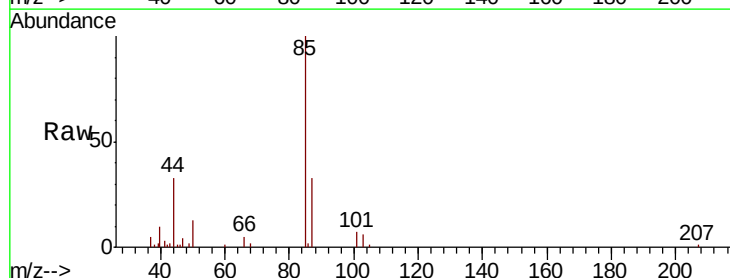
Acq: 02 Sep 2019 23:21

Tgt Ion: 85 Resp: 17644

Ion Ratio Lower Upper

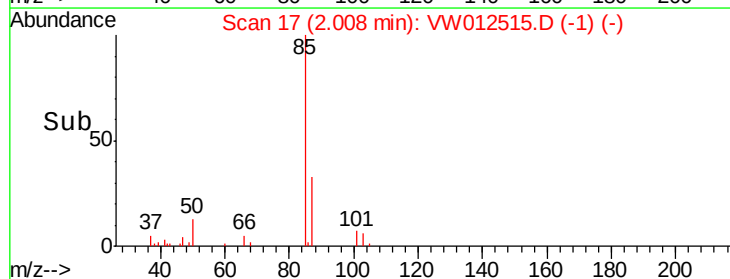
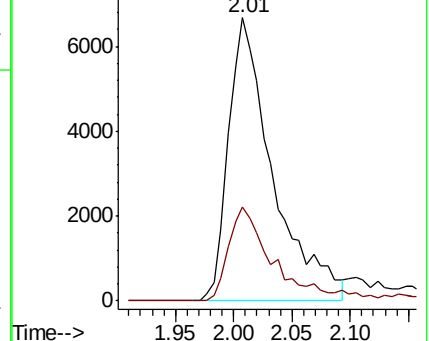
85 100

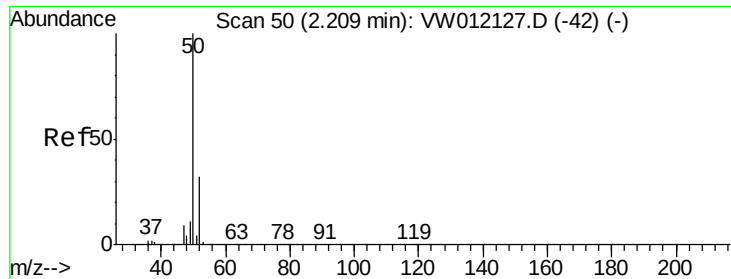
87 33.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

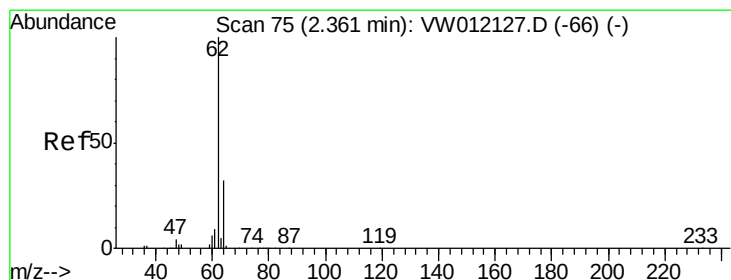
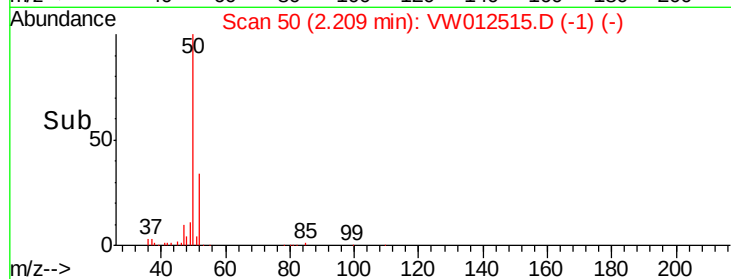
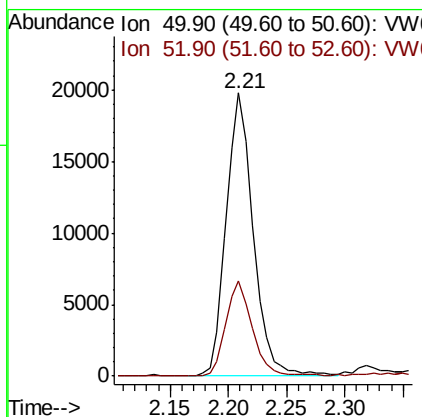
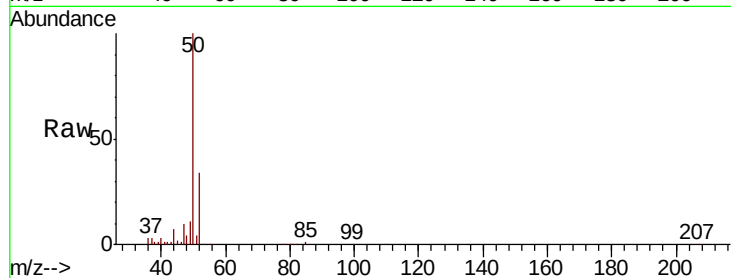




#3
Chloromethane
Concen: 17.816 ug/l
RT: 2.21 min Scan# 50
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

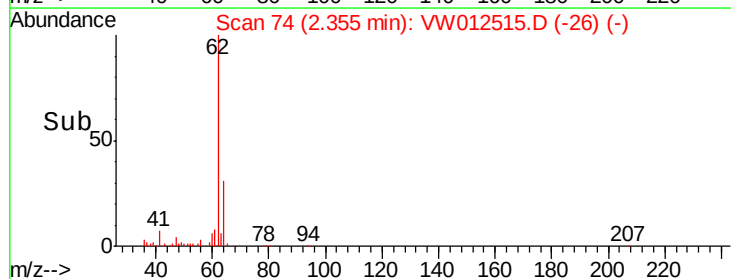
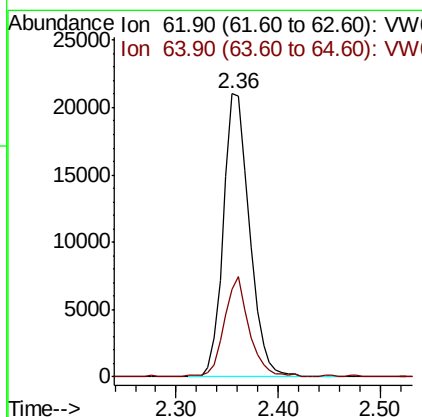
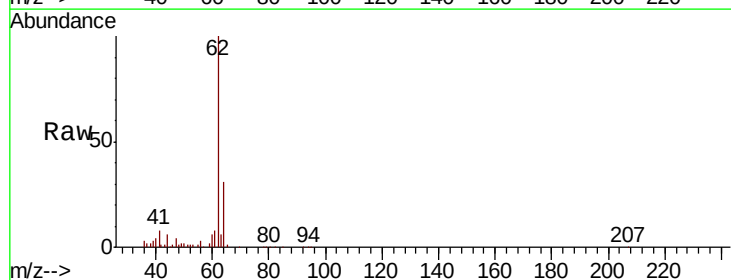
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

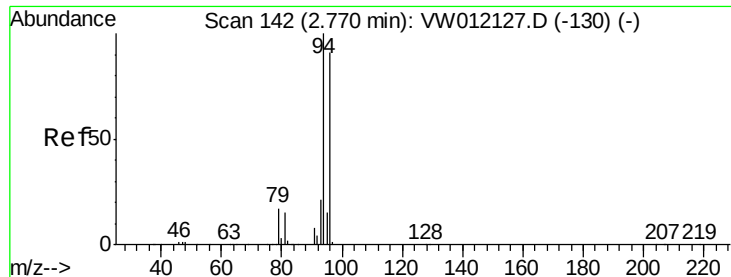
Tgt Ion: 50 Resp: 32231
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3



#4
Vinyl Chloride
Concen: 16.886 ug/l
RT: 2.36 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 62 Resp: 37391
Ion Ratio Lower Upper
62 100
64 30.4 25.3 37.9





#5

Bromomethane

Concen: 17.652 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

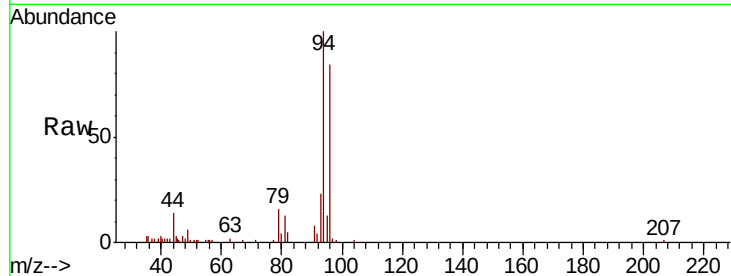
VW0902SBSD02

Tgt Ion: 94 Resp: 19795

Ion Ratio Lower Upper

94 100

96 83.9 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

10000

8000

6000

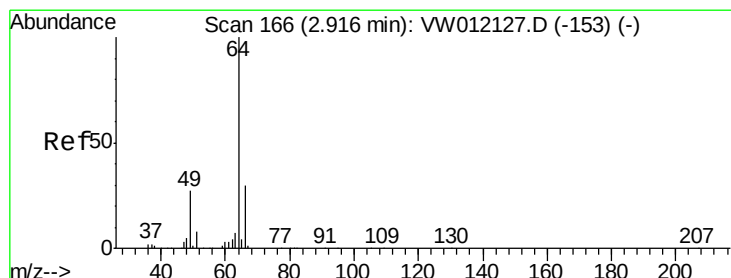
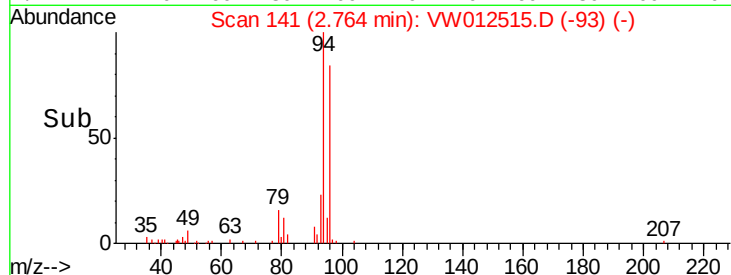
4000

2000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 17.791 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW012515.D

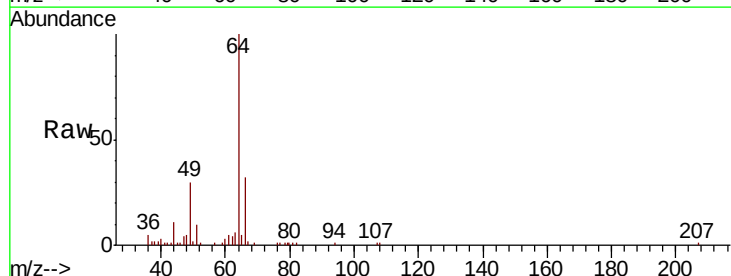
Acq: 02 Sep 2019 23:21

Tgt Ion: 64 Resp: 22223

Ion Ratio Lower Upper

64 100

66 31.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

10000

8000

6000

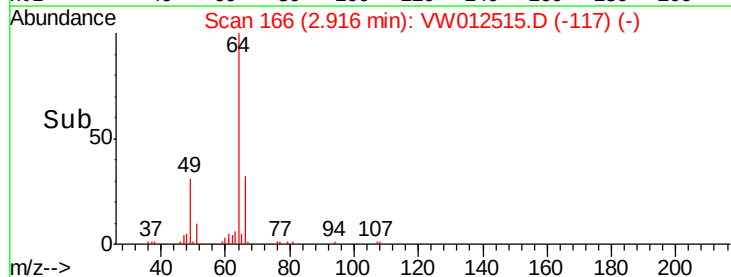
4000

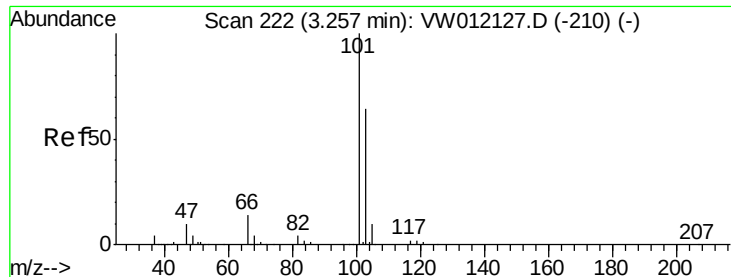
2000

0

Time-->

2.80 2.90 3.00 3.10



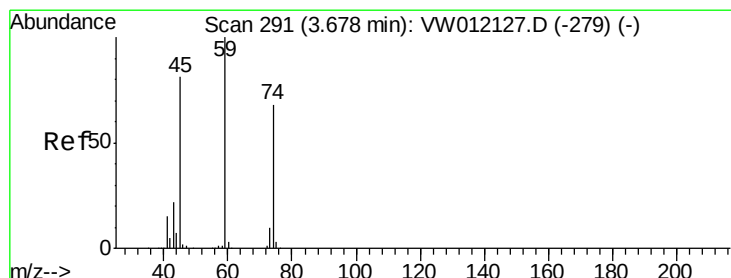
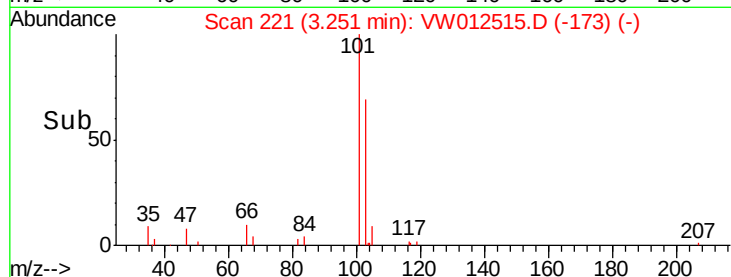
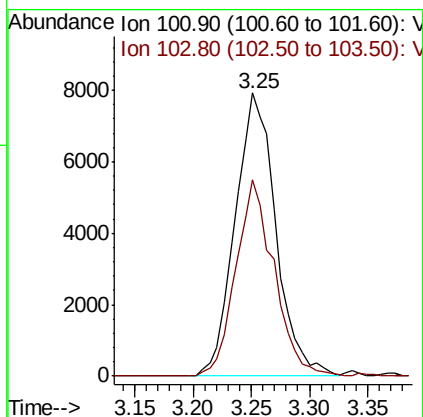
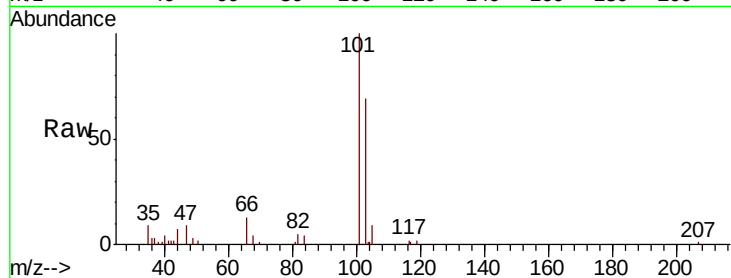


#7

Trichlorofluoromethane
Concen: 17.384 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

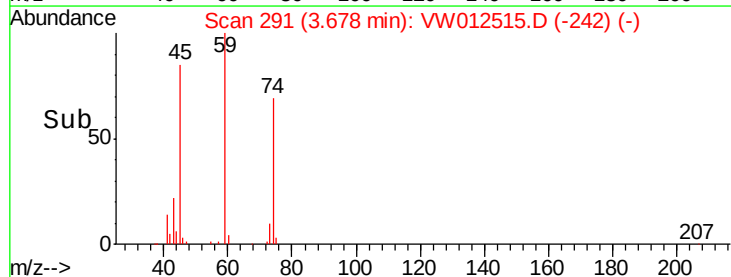
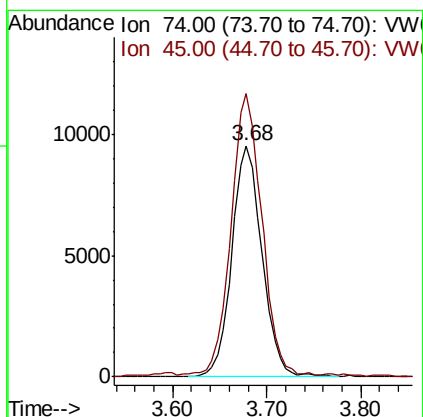
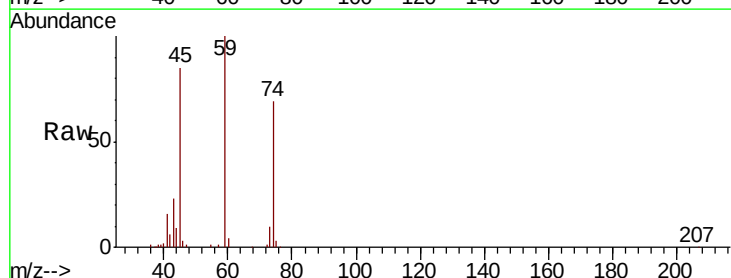
Tgt Ion:101 Resp: 19328
Ion Ratio Lower Upper
101 100
103 69.2 51.2 76.8

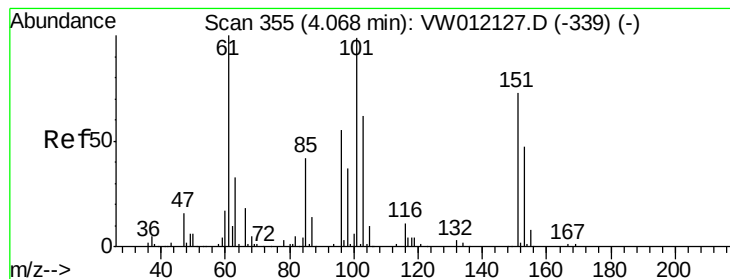


#8

Diethyl Ether
Concen: 20.022 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 74 Resp: 21130
Ion Ratio Lower Upper
74 100
45 125.2 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.868 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

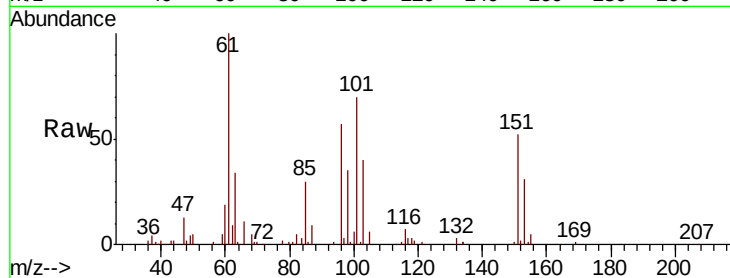
Tgt Ion:101 Resp: 37548

Ion Ratio Lower Upper

101 100

85 45.4 35.8 53.6

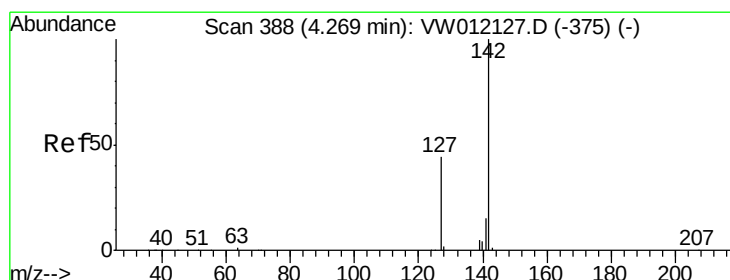
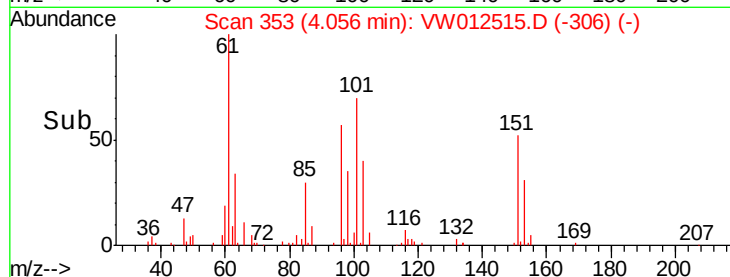
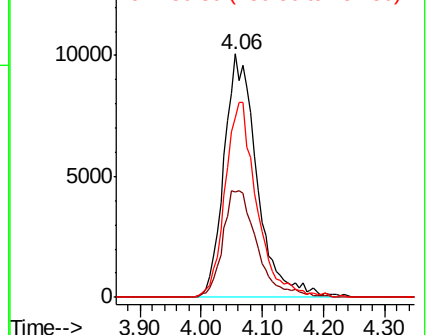
151 76.2 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.409 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

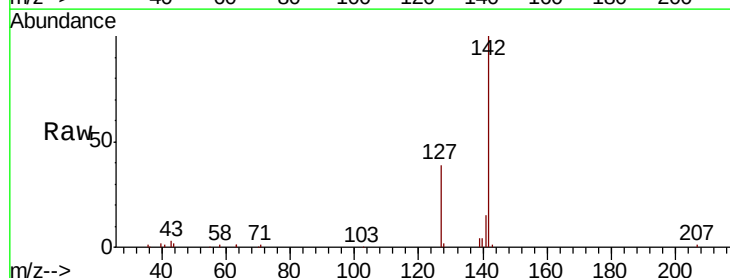
Tgt Ion:142 Resp: 49630

Ion Ratio Lower Upper

142 100

127 43.8 35.5 53.3

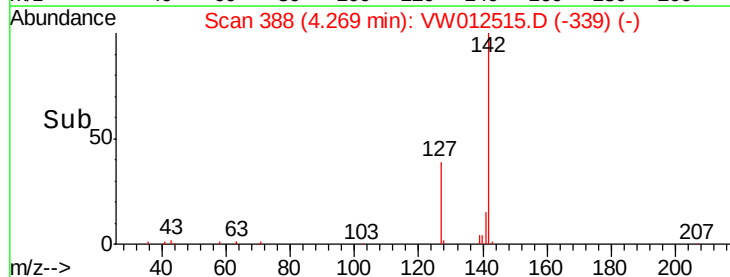
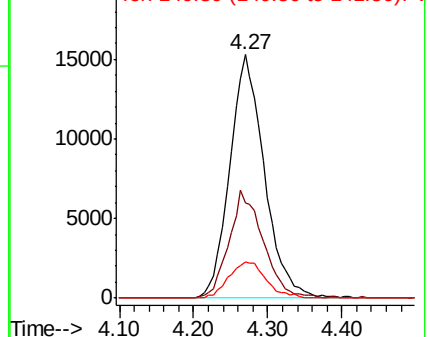
141 16.1 11.8 17.8

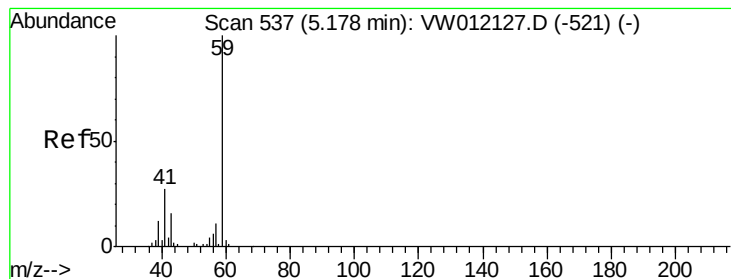


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



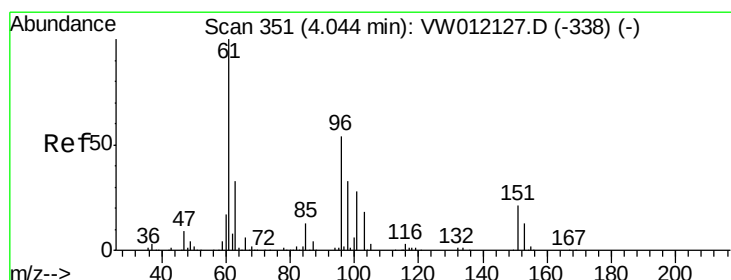
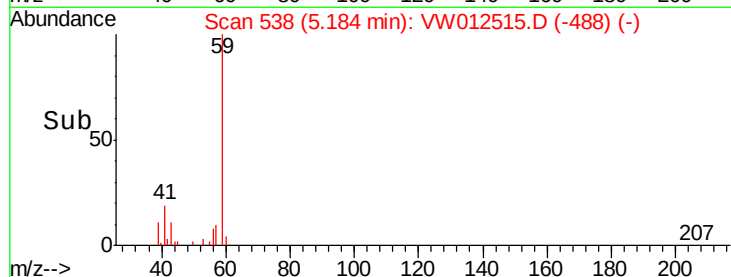
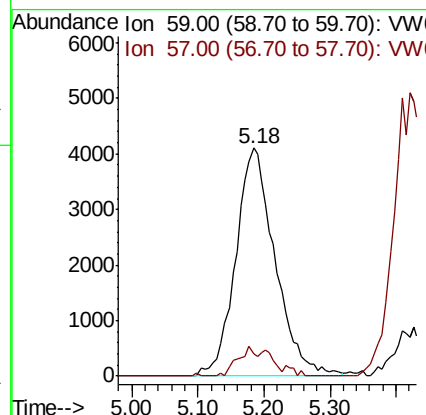
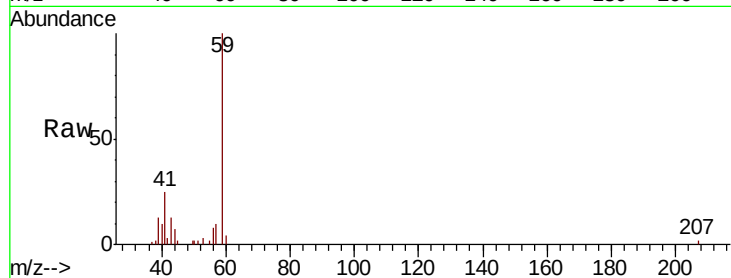


#11

Tert butyl alcohol
Concen: 124.768 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

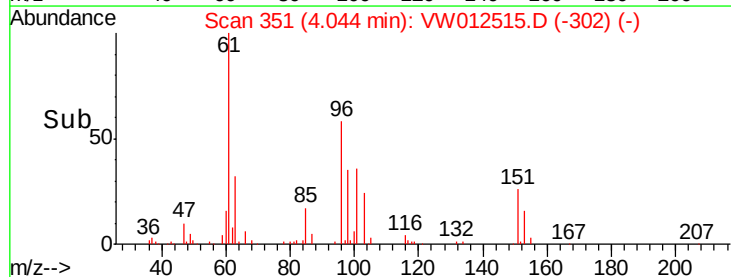
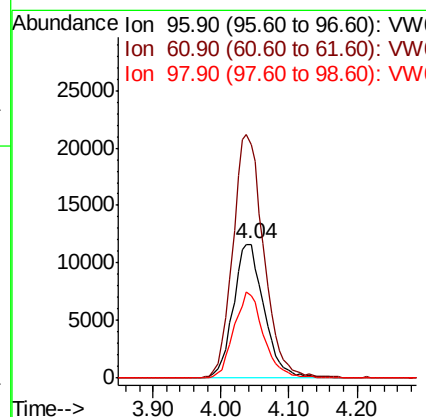
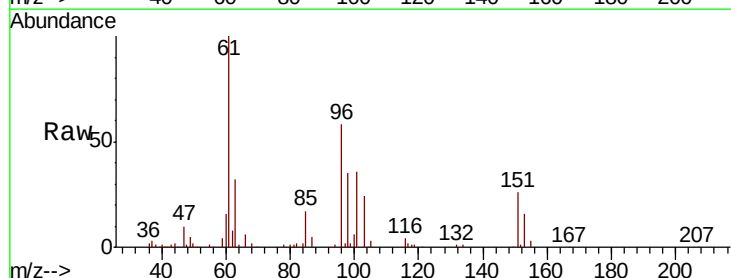
Tgt Ion: 59 Resp: 16927
Ion Ratio Lower Upper
59 100
57 6.0 9.0 13.4#

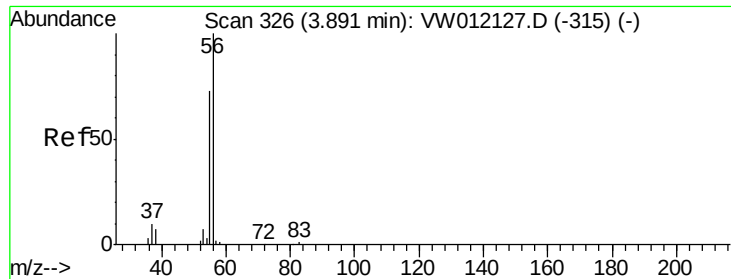


#12

1,1-Dichloroethene
Concen: 19.187 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 96 Resp: 36497
Ion Ratio Lower Upper
96 100
61 173.9 149.1 223.7
98 61.2 49.4 74.2





#13

Acrolein

Concen: 60.694 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

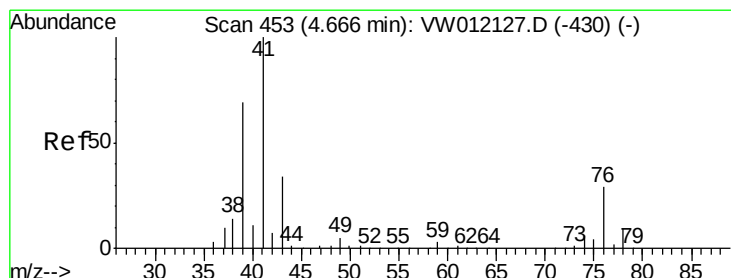
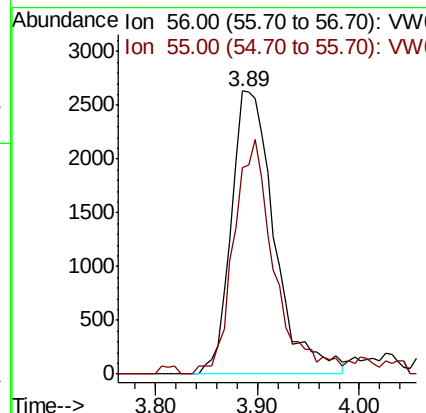
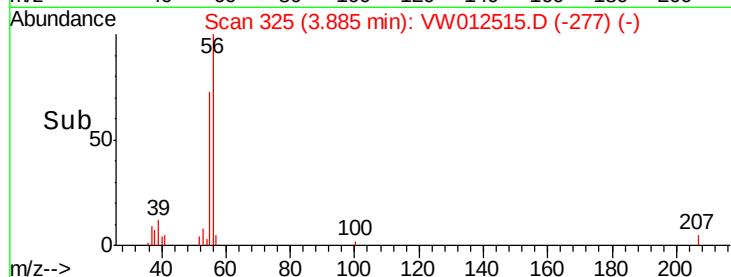
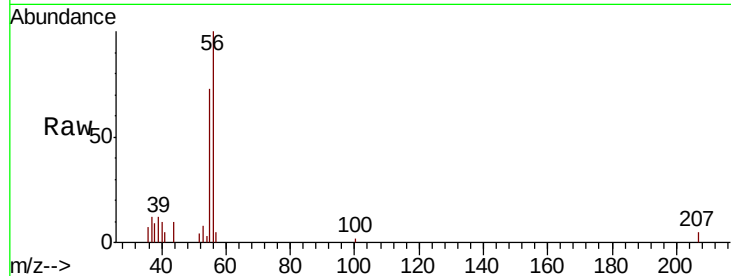
VW0902SBSD02

Tgt Ion: 56 Resp: 7751

Ion Ratio Lower Upper

56 100

55 77.6 55.8 83.8



#14

Allyl chloride

Concen: 19.019 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

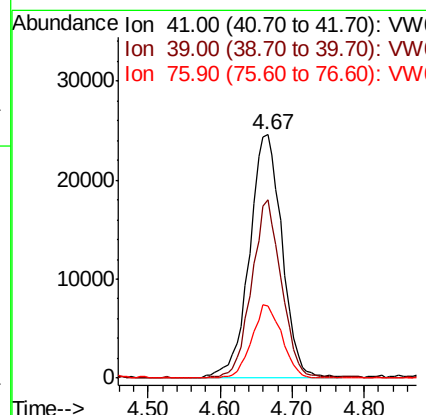
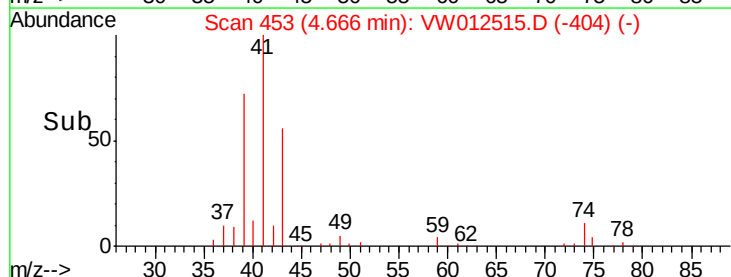
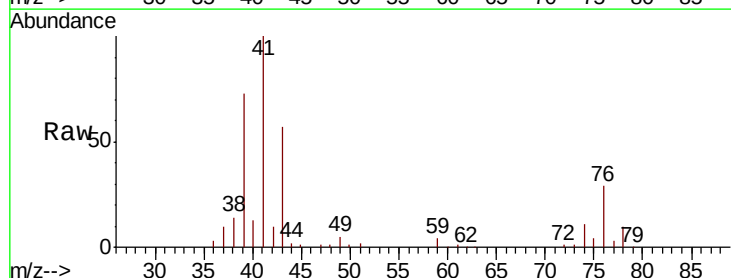
Tgt Ion: 41 Resp: 77345

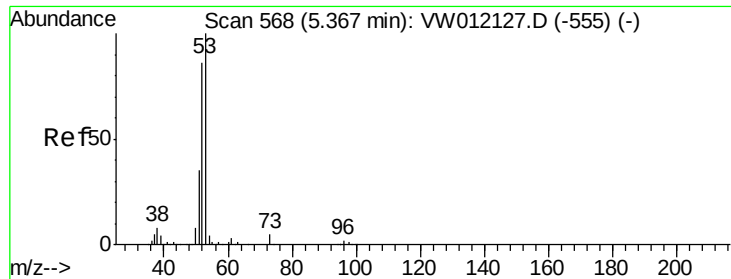
Ion Ratio Lower Upper

41 100

39 67.1 53.4 80.2

76 27.8 22.1 33.1





#15

Acrylonitrile

Concen: 107.485 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

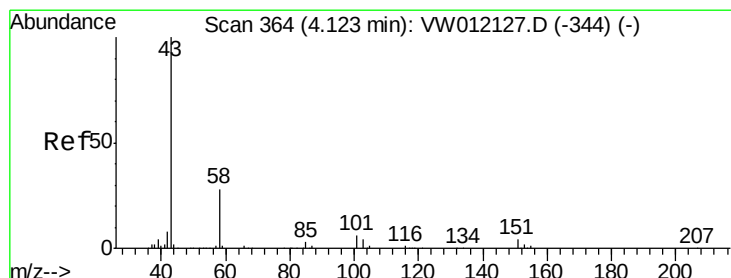
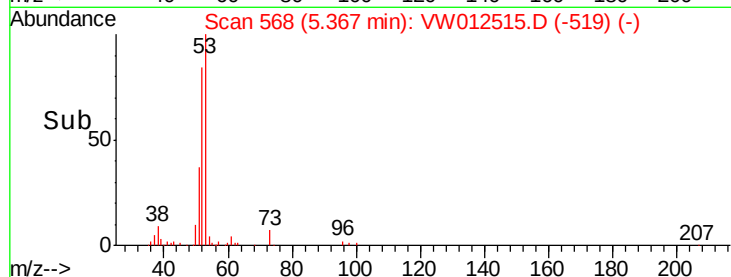
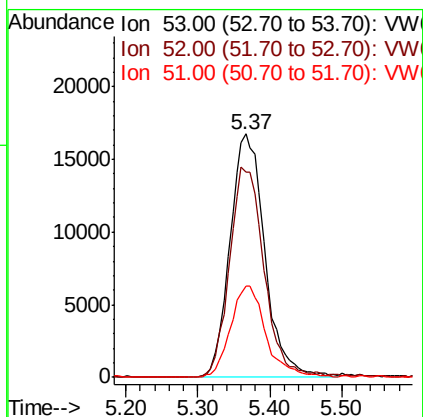
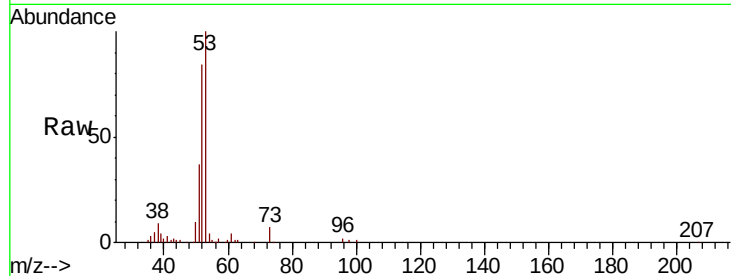
Tgt Ion: 53 Resp: 56225

Ion Ratio Lower Upper

53 100

52 85.6 66.7 100.1

51 38.2 30.1 45.1



#16

Acetone

Concen: 85.356 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW012515.D

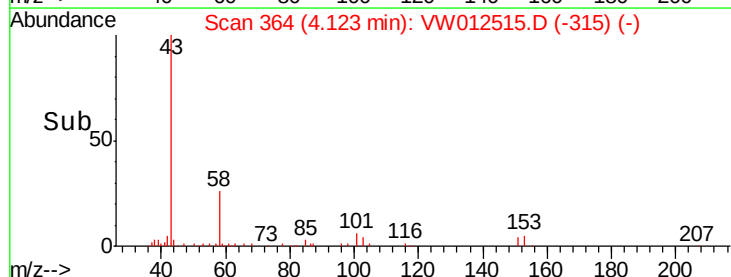
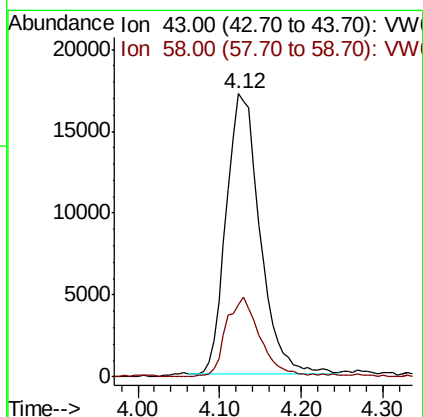
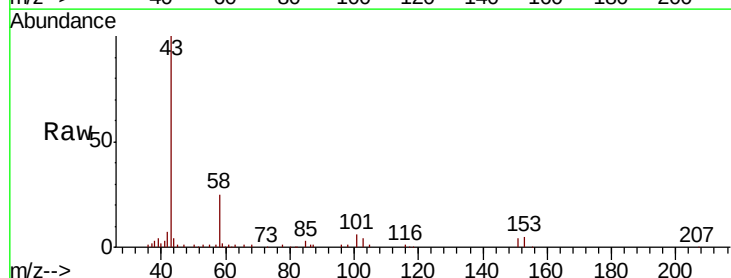
Acq: 02 Sep 2019 23:21

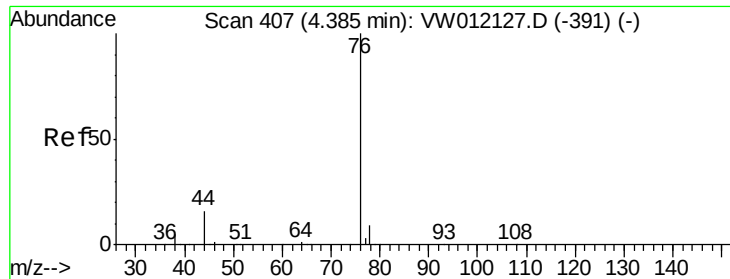
Tgt Ion: 43 Resp: 49188

Ion Ratio Lower Upper

43 100

58 25.7 22.4 33.6

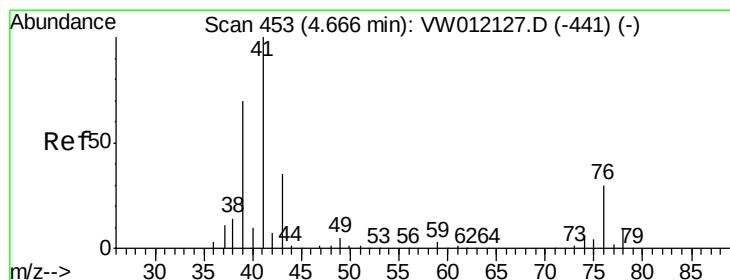
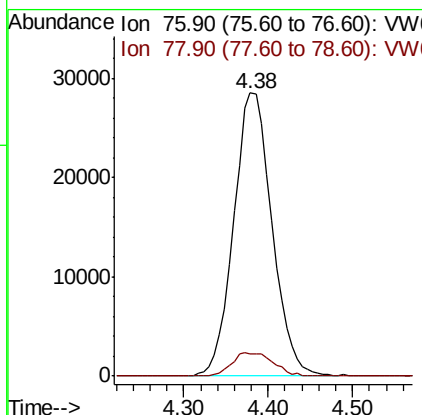
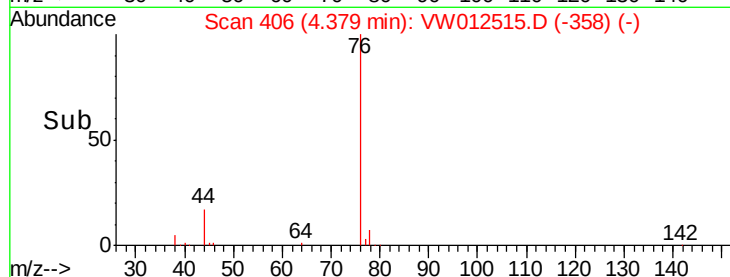
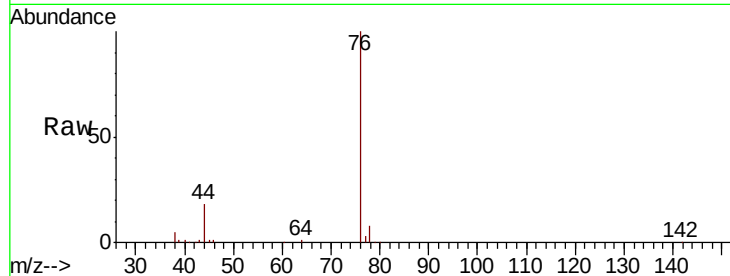




#17
Carbon Disulfide
Concen: 15.294 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

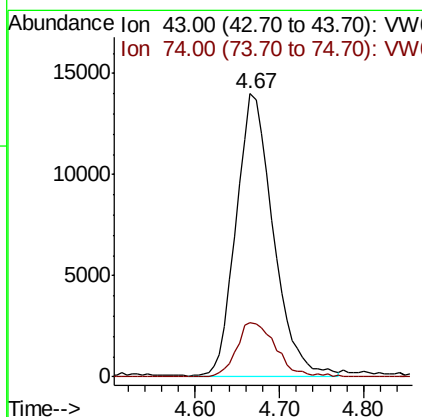
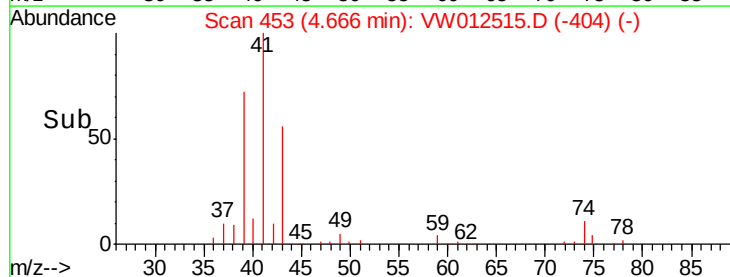
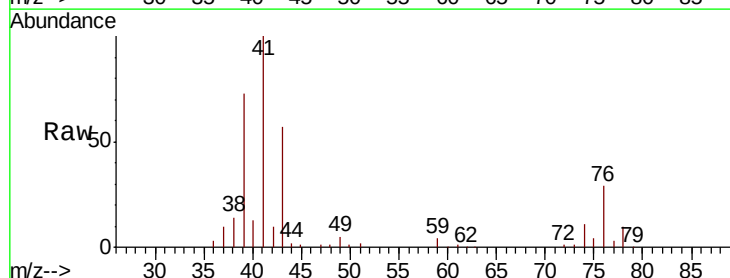
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

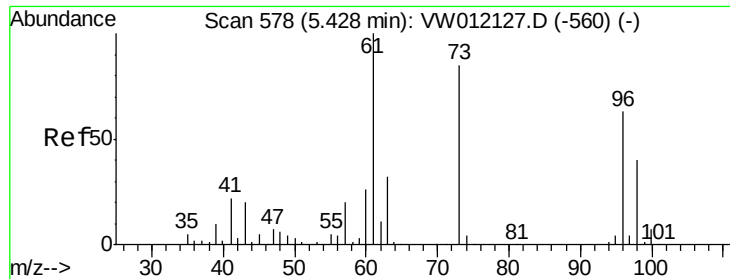
Tgt Ion: 76 Resp: 87922
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#18
Methyl Acetate
Concen: 29.544 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 43 Resp: 42169
Ion Ratio Lower Upper
43 100
74 19.7 15.7 23.5

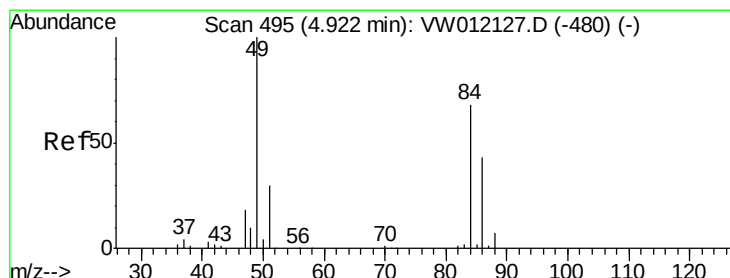
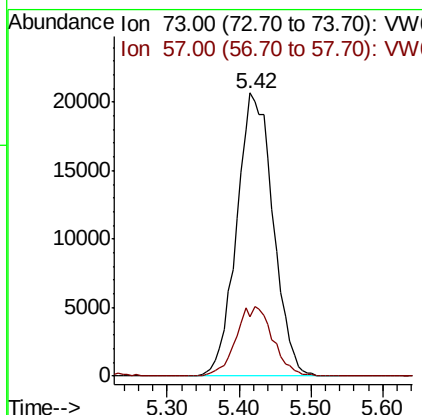
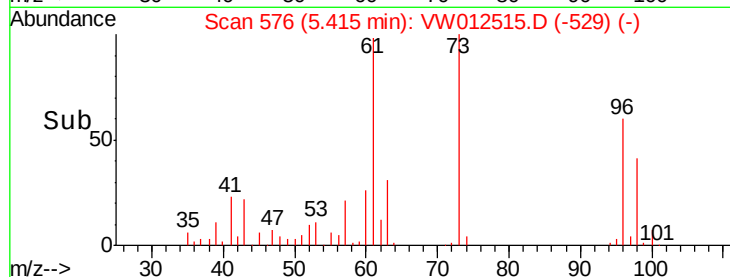
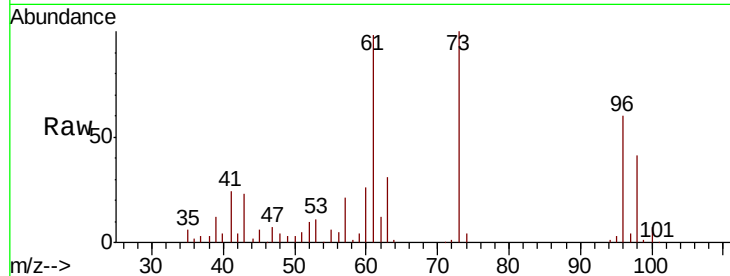




#19
Methyl tert-butyl Ether
Concen: 23.591 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

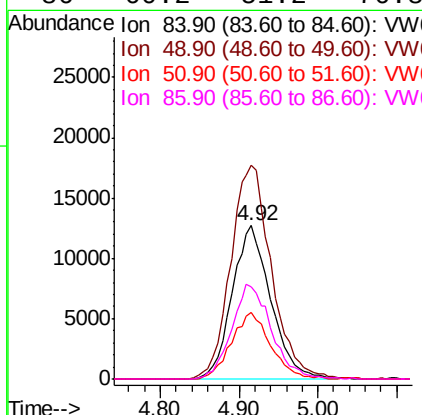
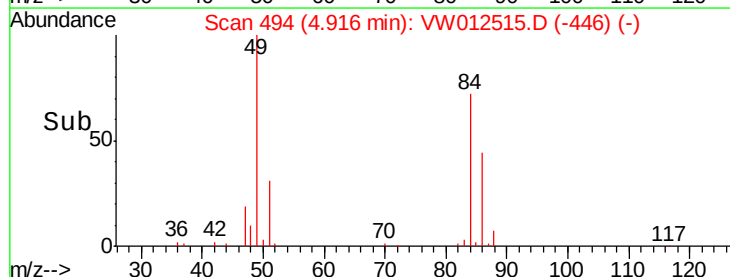
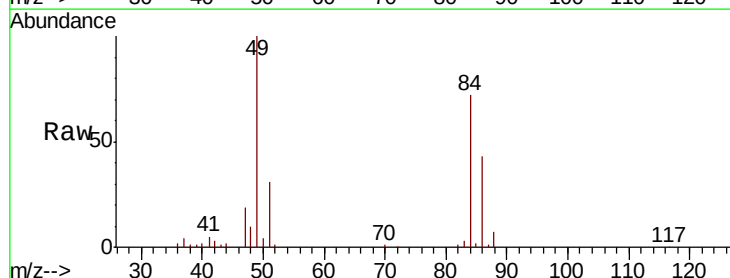
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

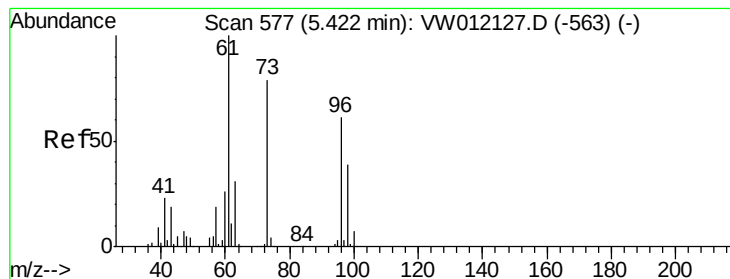
Tgt Ion: 73 Resp: 72571
Ion Ratio Lower Upper
73 100
57 21.0 18.9 28.3



#20
Methylene Chloride
Concen: 19.862 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 84 Resp: 43270
Ion Ratio Lower Upper
84 100
49 139.3 117.8 176.8
51 43.3 35.6 53.4
86 60.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.094 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

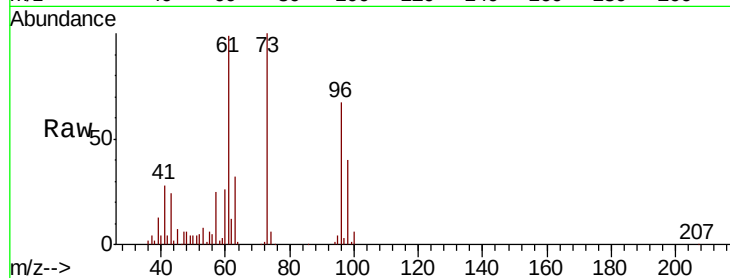
Tgt Ion: 96 Resp: 38948

Ion Ratio Lower Upper

96 100

61 147.8 131.4 197.0

98 59.9 51.4 77.0

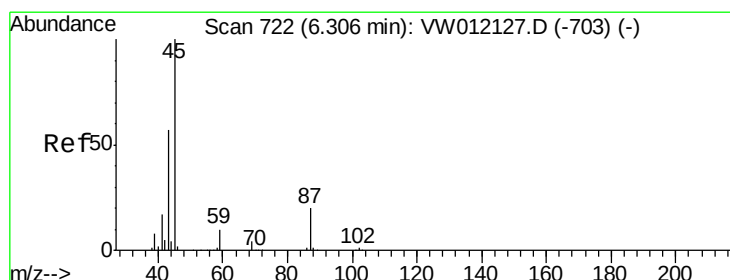
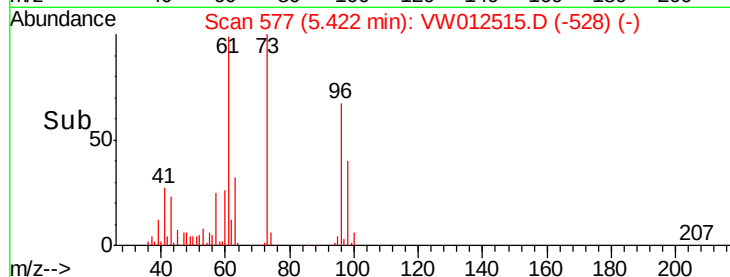
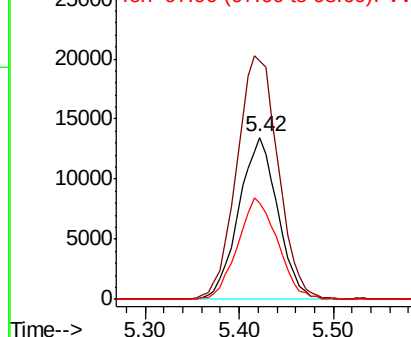


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.938 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Tgt Ion: 45 Resp: 157824

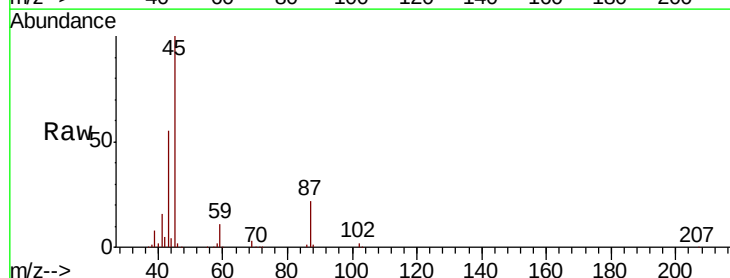
Ion Ratio Lower Upper

45 100

43 54.8 45.5 68.3

87 21.8 16.1 24.1

59 11.1 8.2 12.2



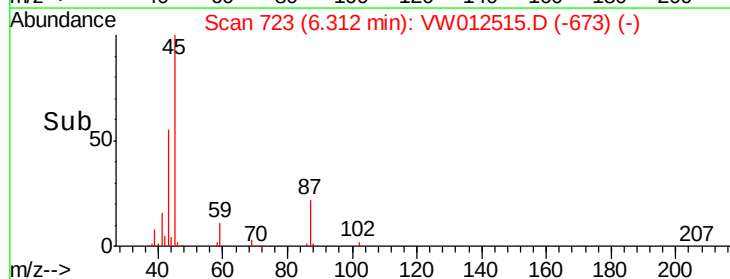
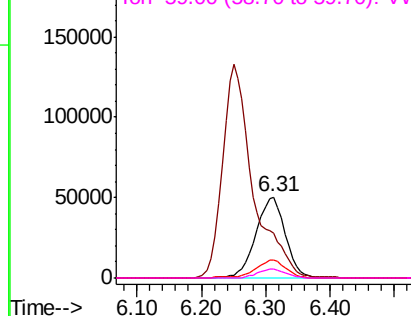
Abundance

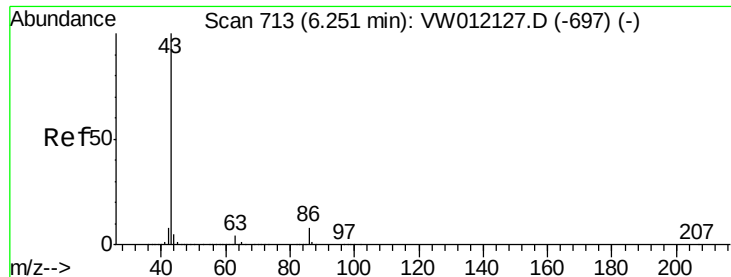
Ion 45.00 (44.70 to 45.70): VW

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: 95.792 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

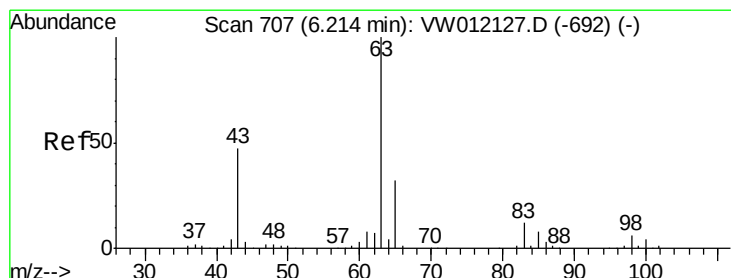
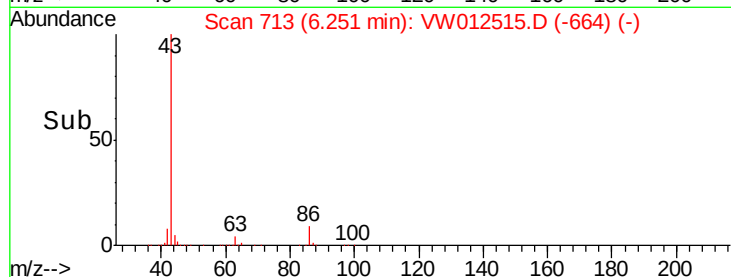
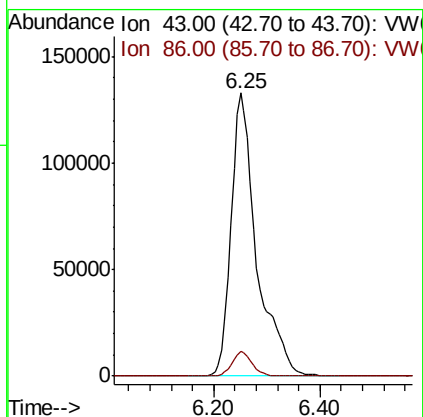
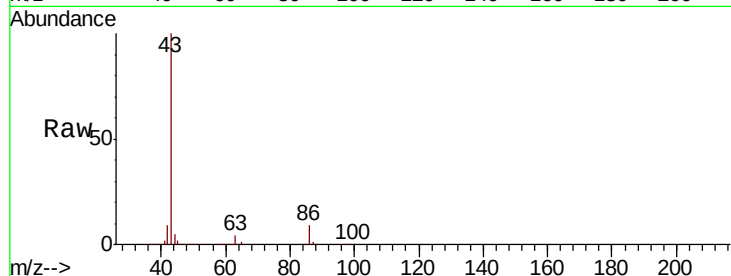
VW0902SBSD02

Tgt Ion: 43 Resp: 444372

Ion Ratio Lower Upper

43 100

86 8.6 6.5 9.7



#24

1,1-Dichloroethane

Concen: 20.405 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

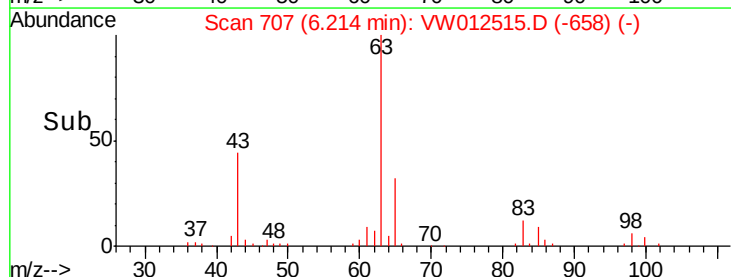
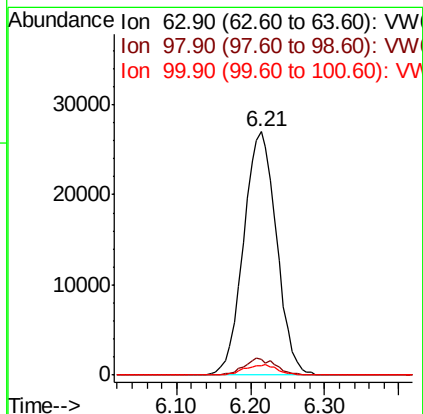
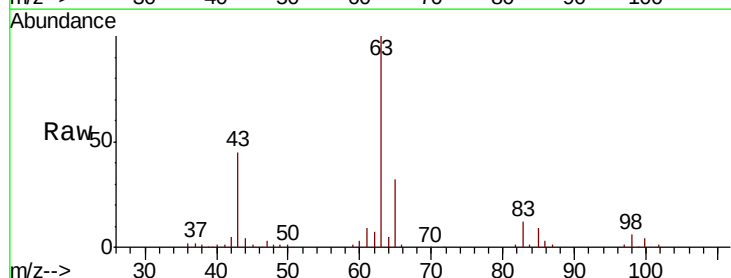
Tgt Ion: 63 Resp: 83749

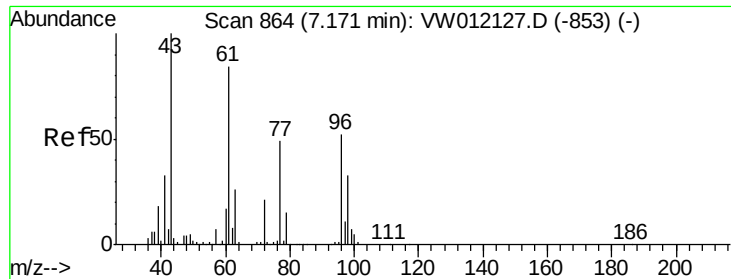
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 100.166 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

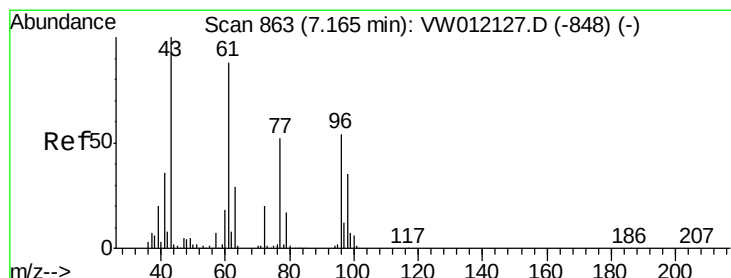
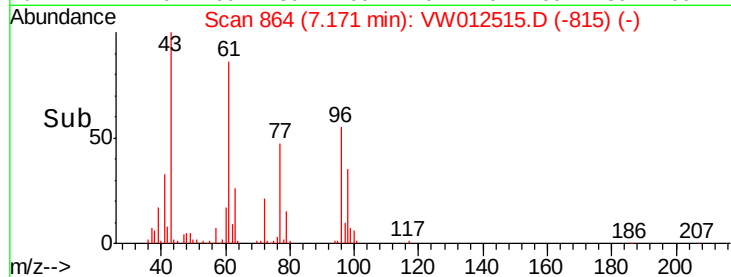
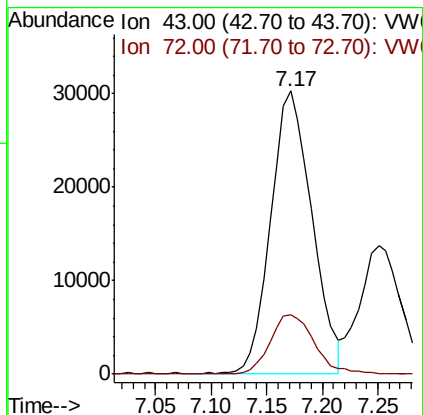
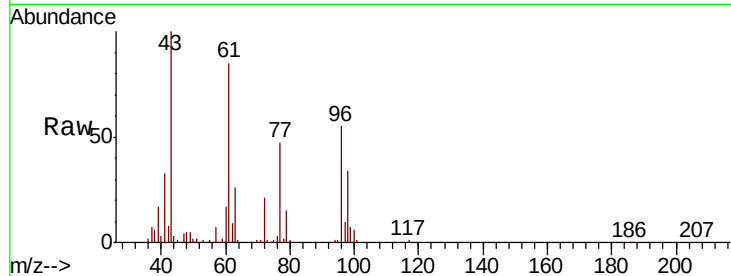
VW0902SBSD02

Tgt Ion: 43 Resp: 78438

Ion Ratio Lower Upper

43 100

72 21.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 19.085 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012515.D

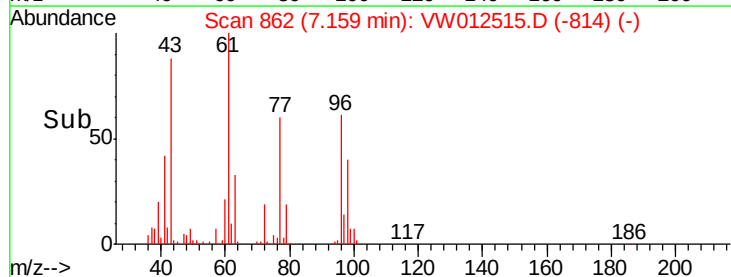
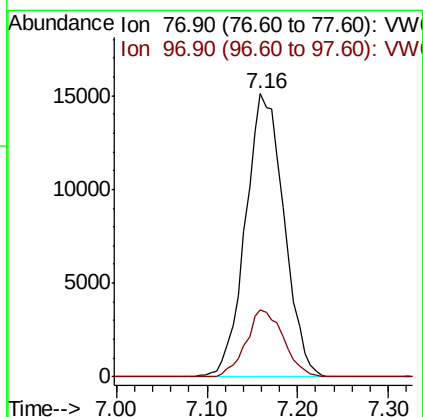
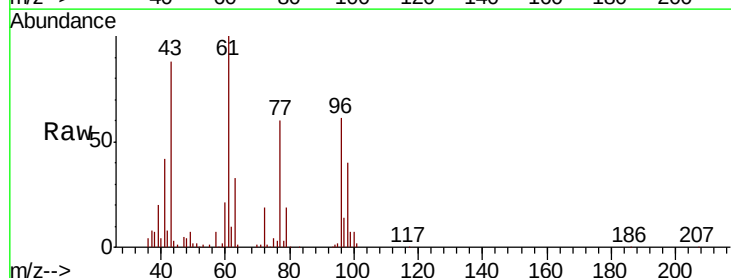
Acq: 02 Sep 2019 23:21

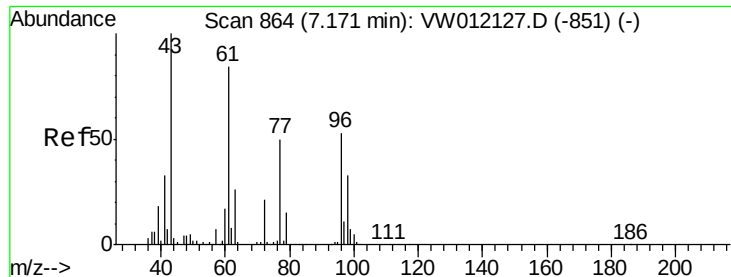
Tgt Ion: 77 Resp: 44336

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.1



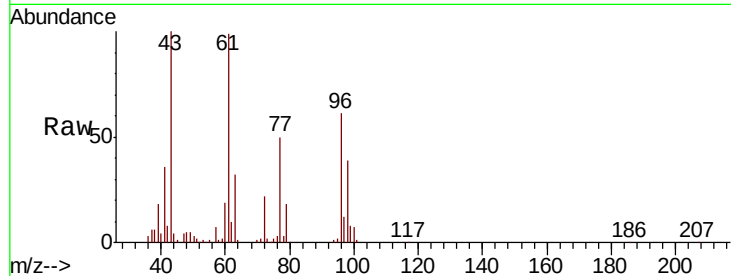


#27

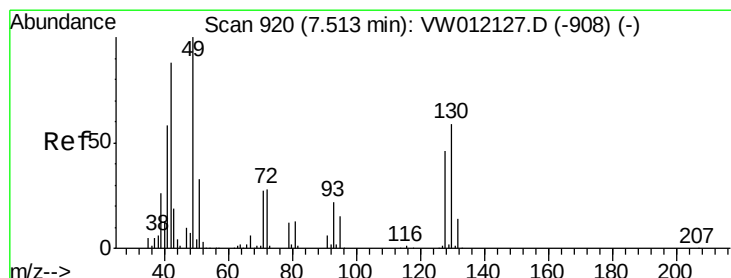
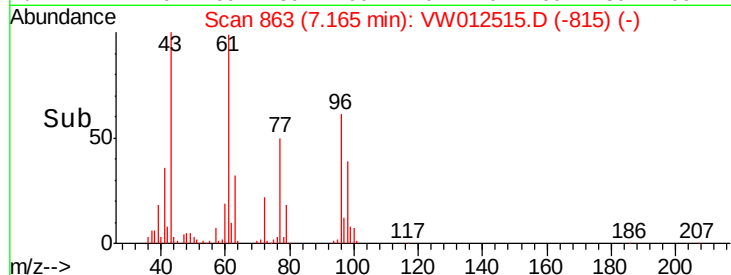
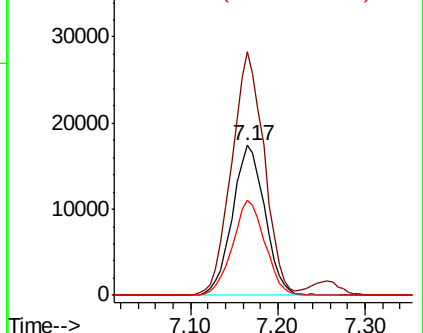
cis-1,2-Dichloroethene
 Concen: 20.645 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

Tgt Ion: 96 Resp: 44994
 Ion Ratio Lower Upper
 96 100
 61 163.1 0.0 326.6
 98 63.6 0.0 127.4



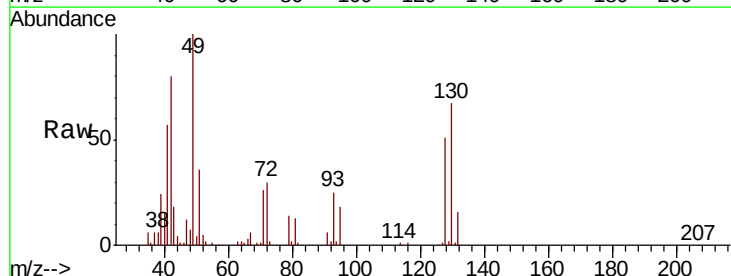
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



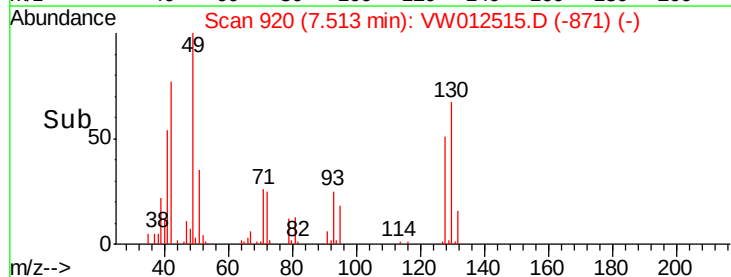
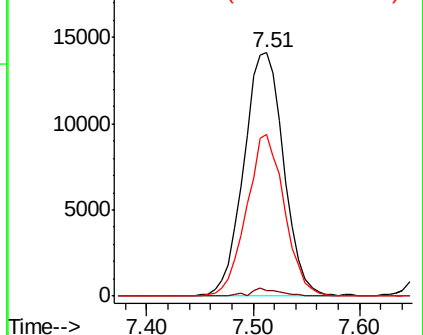
#28

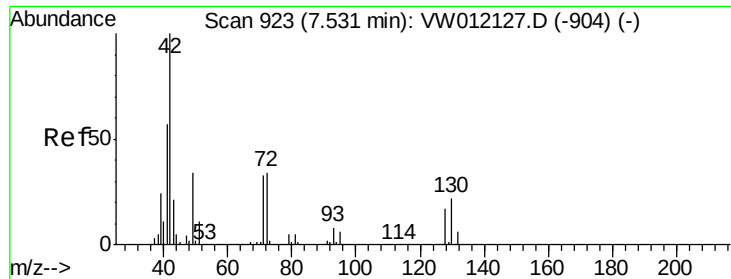
Bromochloromethane
 Concen: 20.802 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 49 Resp: 37211
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.4#
 130 63.0 45.5 68.3



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

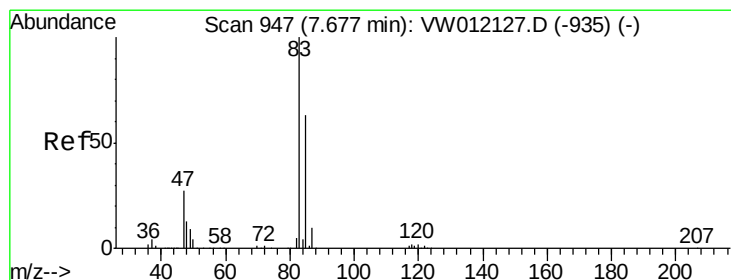
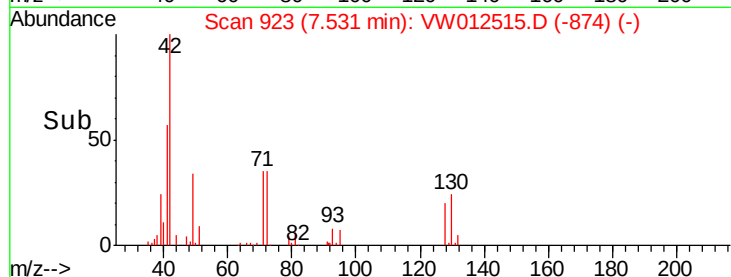
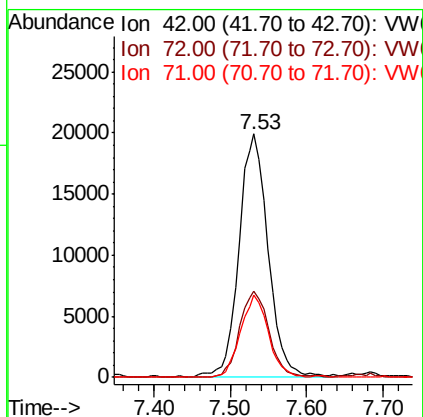
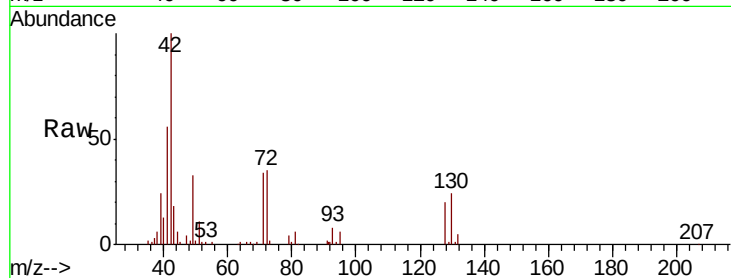




#29
Tetrahydrofuran
Concen: 111.027 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

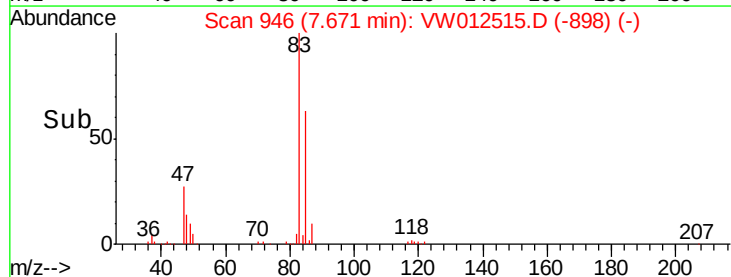
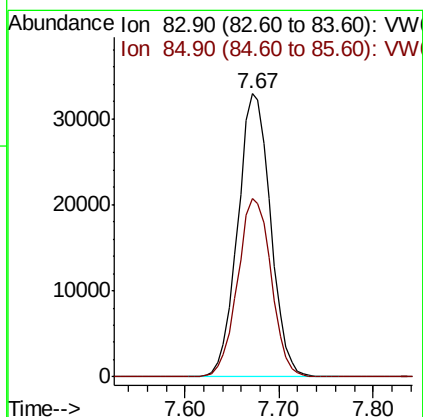
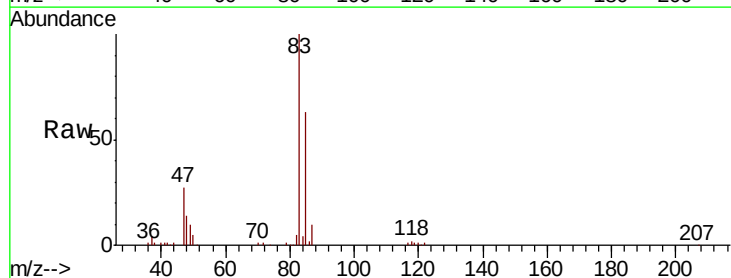
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

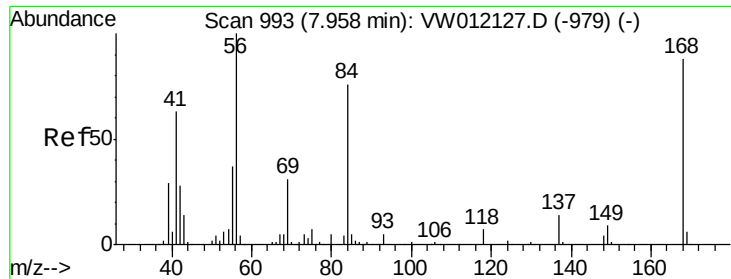
Tgt Ion: 42 Resp: 52162
Ion Ratio Lower Upper
42 100
72 36.2 27.3 40.9
71 32.6 25.5 38.3



#30
Chloroform
Concen: 21.347 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 83 Resp: 80158
Ion Ratio Lower Upper
83 100
85 63.1 50.6 76.0

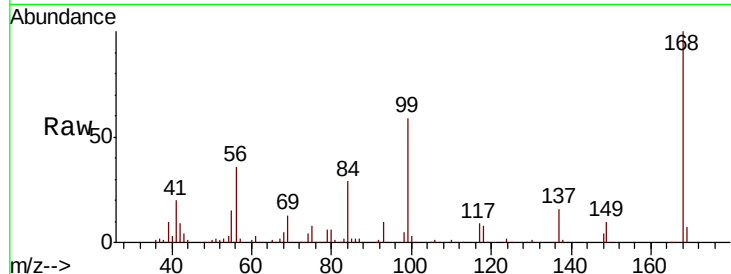




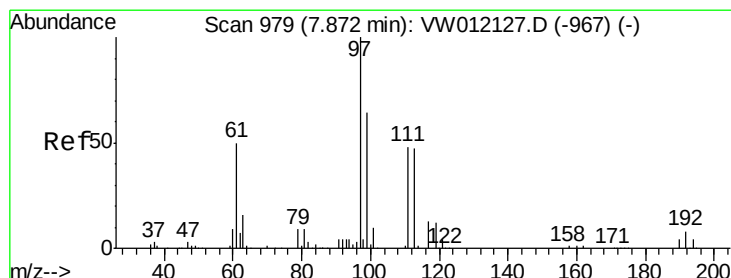
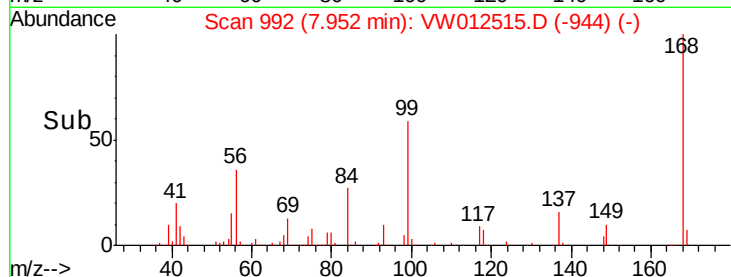
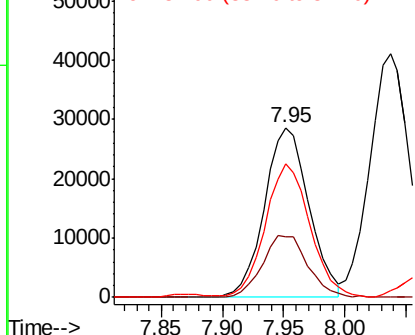
#31
Cyclohexane
Concen: 17.826 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

Tgt Ion: 56 Resp: 72386
Ion Ratio Lower Upper
56 100
69 36.1 24.9 37.3
84 77.2 60.6 90.8

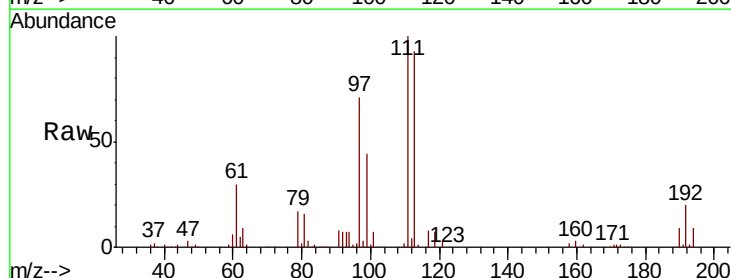


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

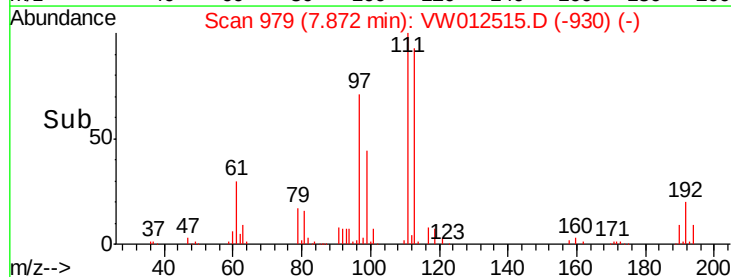
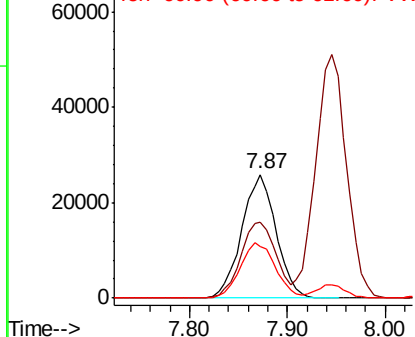


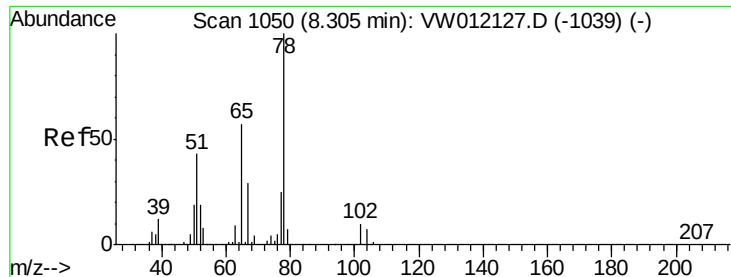
#32
1,1,1-Trichloroethane
Concen: 21.216 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 97 Resp: 63020
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 46.0 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

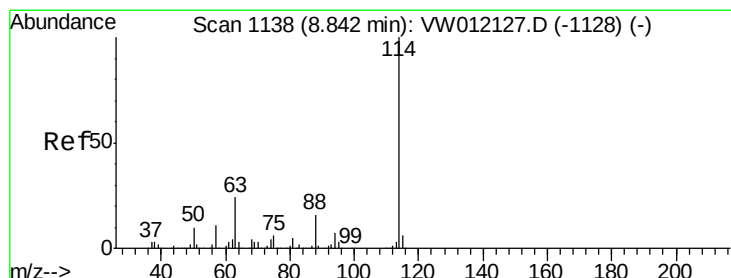
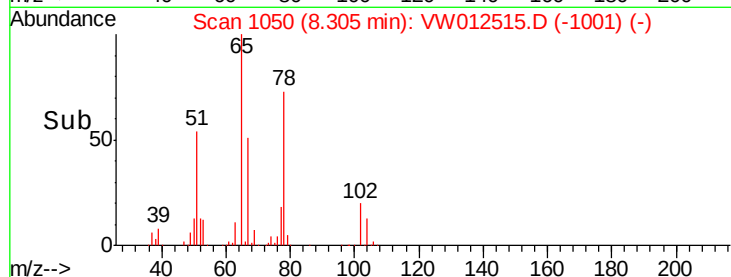
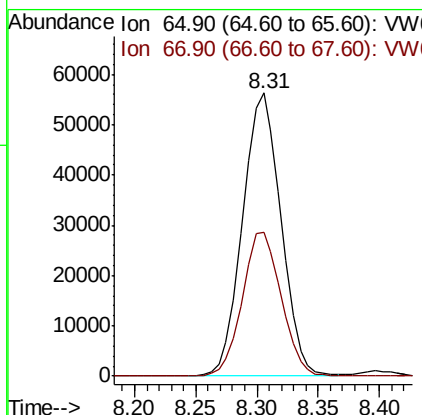
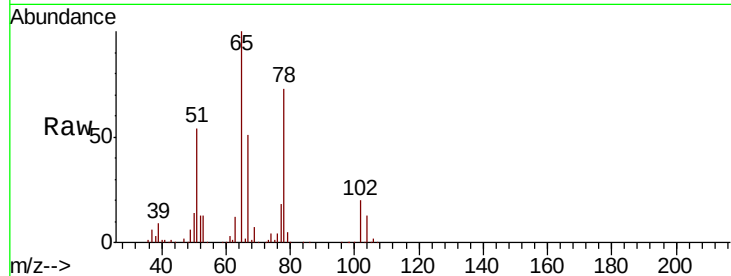




#33
 1,2-Dichloroethane-d4
 Concen: 54.524 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

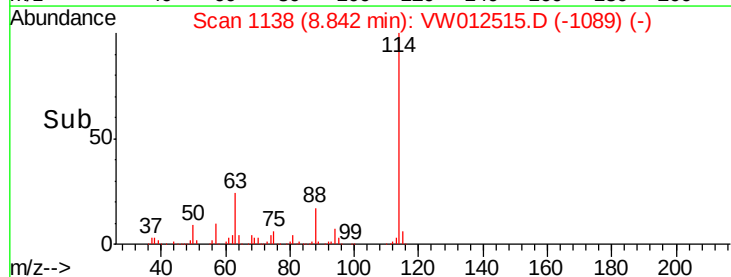
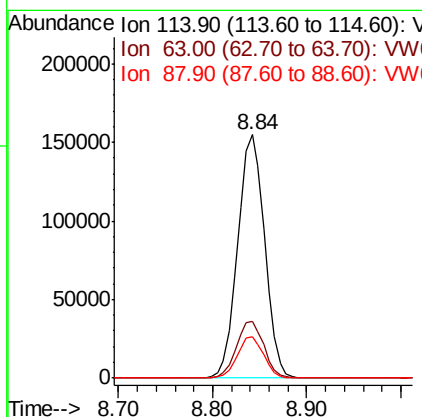
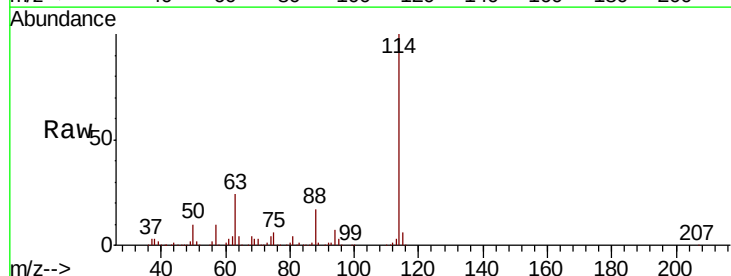
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

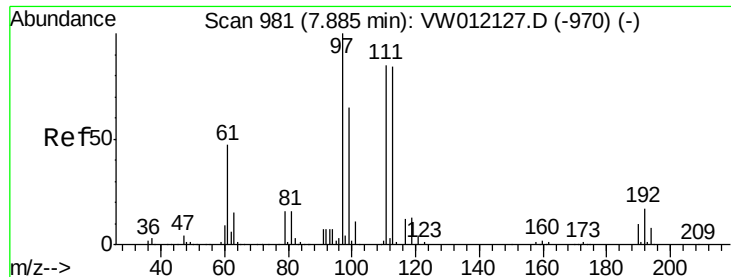
Tgt Ion: 65 Resp: 122918
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 114 Resp: 308197
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.6
 88 17.0 0.0 32.2

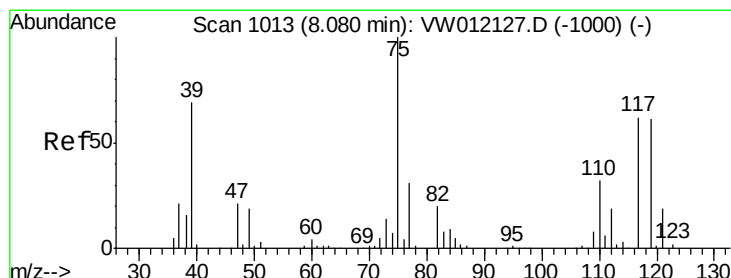
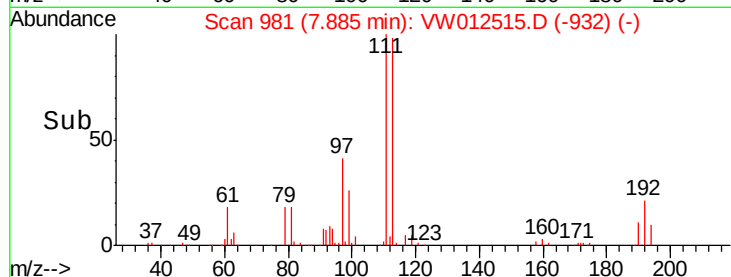
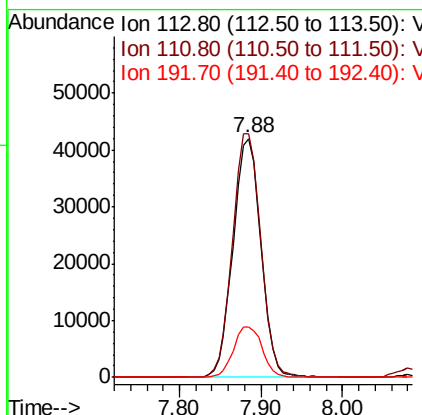
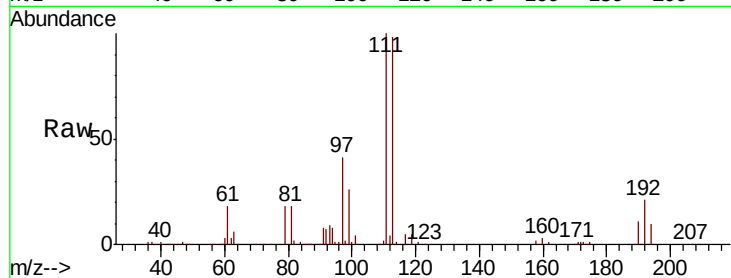




#35
 Dibromofluoromethane
 Concen: 53.842 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

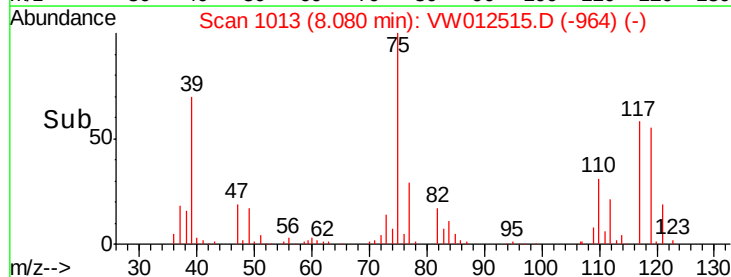
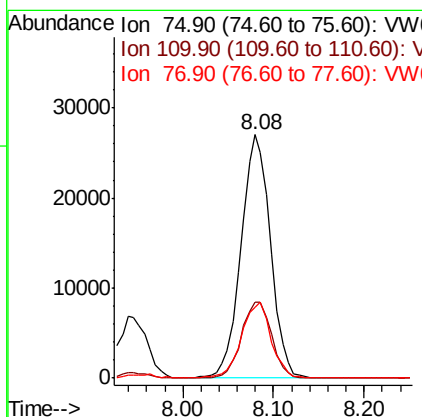
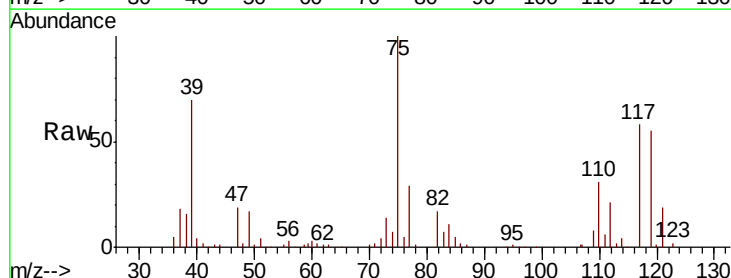
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

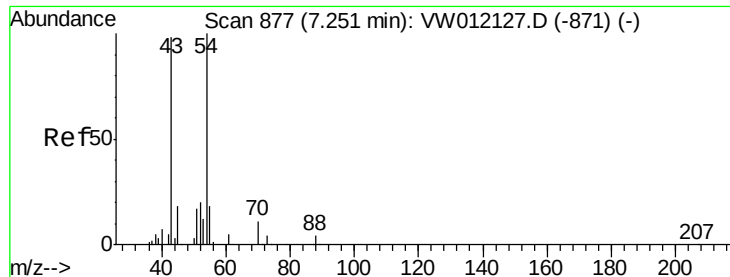
Tgt Ion: 113 Resp: 99050
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 21.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 19.055 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 75 Resp: 60689
 Ion Ratio Lower Upper
 75 100
 110 31.9 15.6 46.8
 77 31.5 24.6 36.8

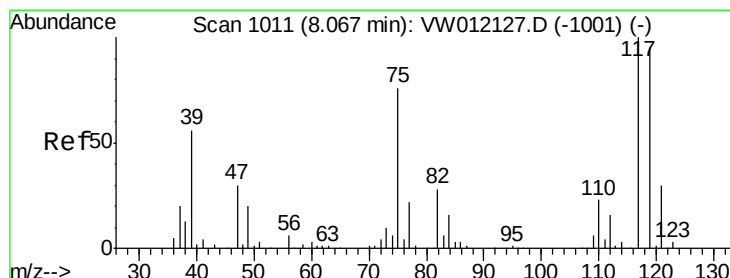
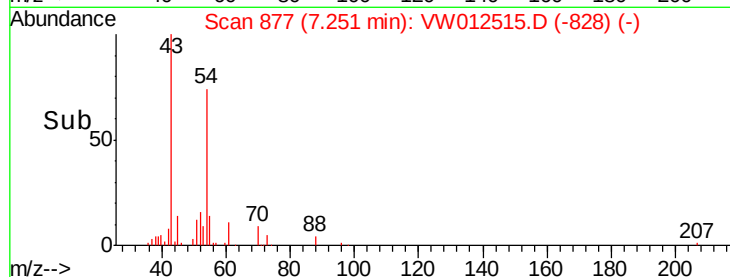
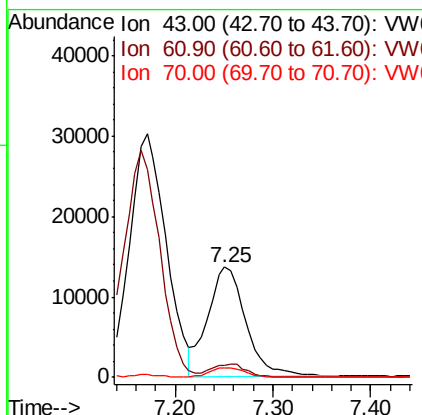
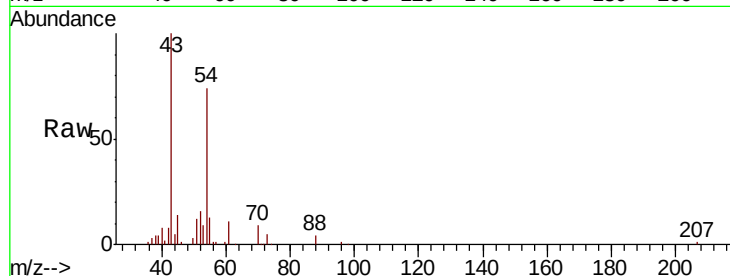




#37
 Ethyl Acetate
 Concen: 21.164 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

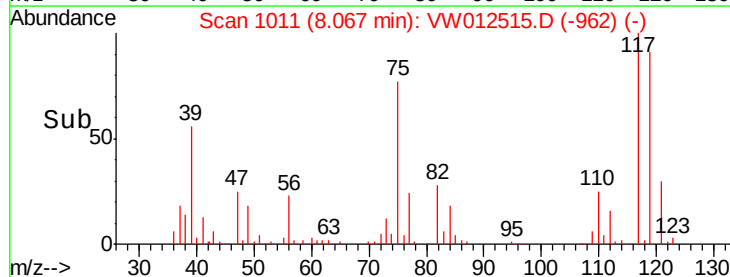
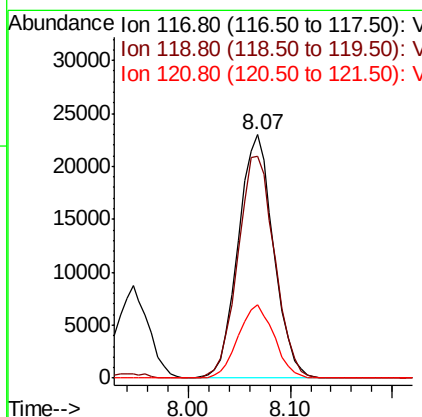
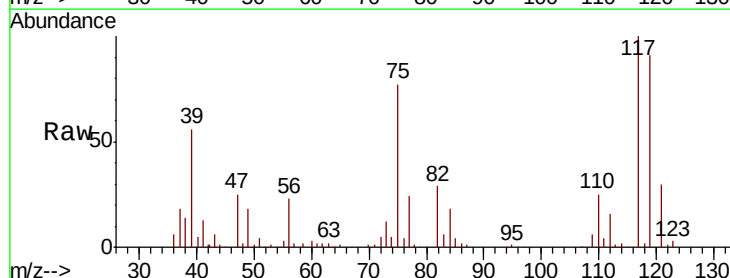
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

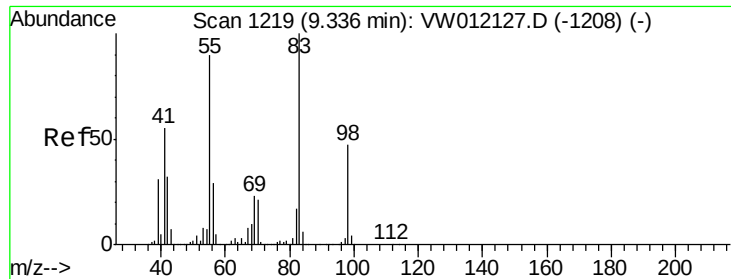
Tgt Ion: 43 Resp: 36936
 Ion Ratio Lower Upper
 43 100
 61 11.5 9.2 13.8
 70 8.5 6.9 10.3



#38
 Carbon Tetrachloride
 Concen: 20.064 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 117 Resp: 55307
 Ion Ratio Lower Upper
 117 100
 119 91.2 76.2 114.2
 121 30.1 23.8 35.8

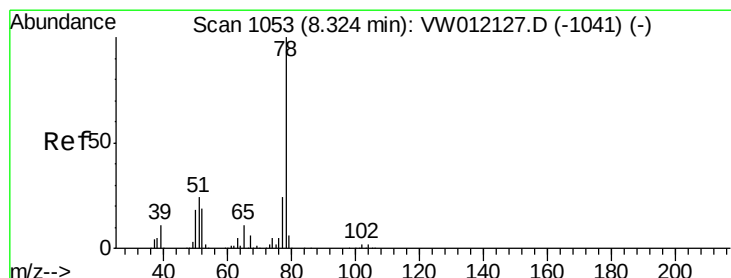
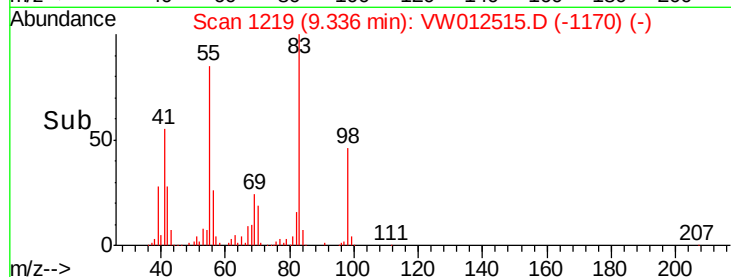
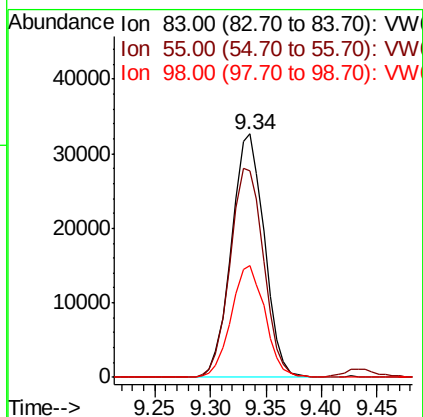
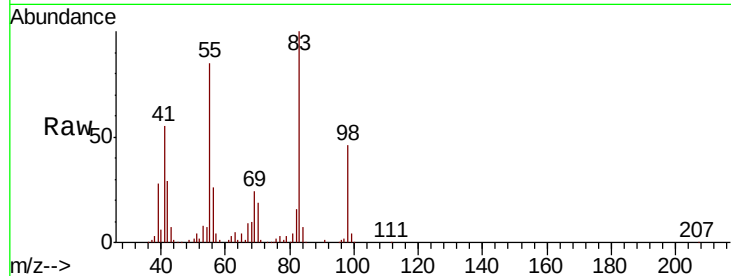




#39
Methylcyclohexane
Concen: 18.716 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

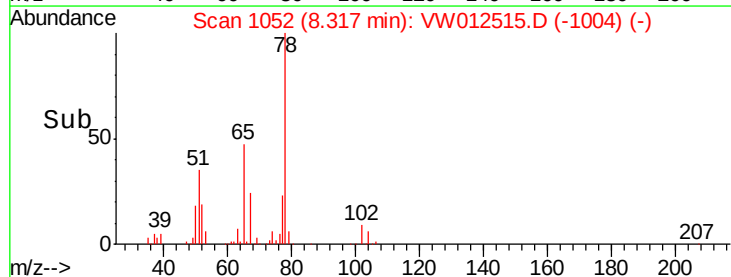
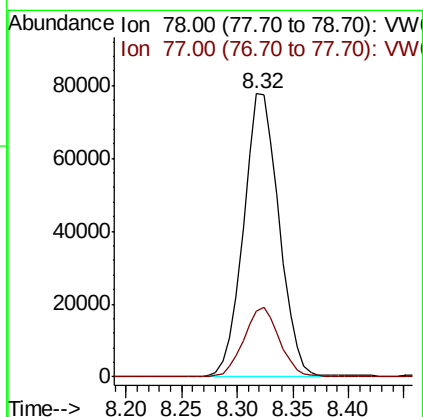
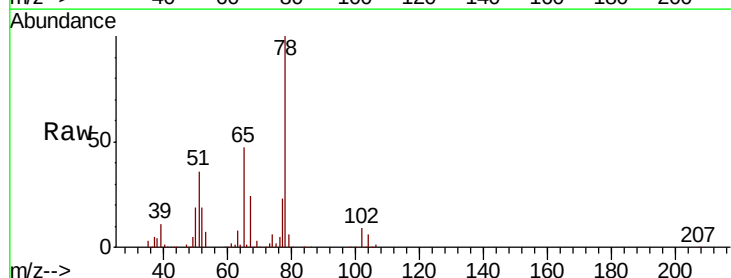
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

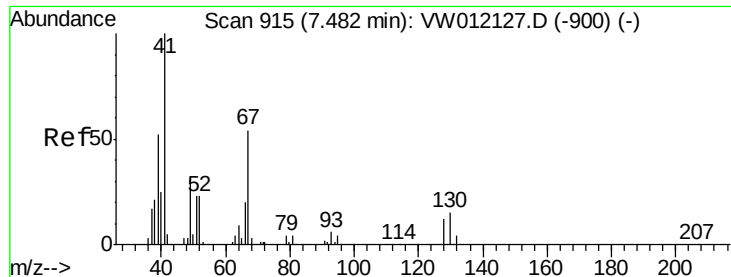
Tgt Ion: 83 Resp: 66966
Ion Ratio Lower Upper
83 100
55 84.7 71.8 107.8
98 45.8 37.8 56.8



#40
Benzene
Concen: 19.934 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 78 Resp: 173356
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3

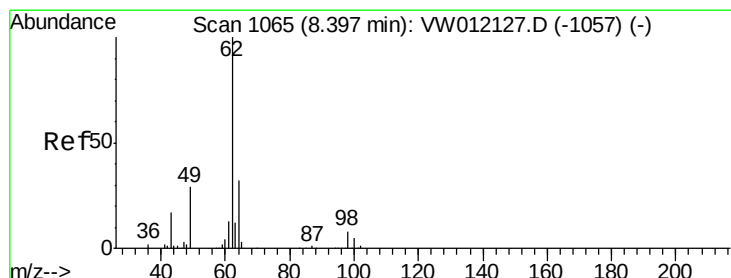
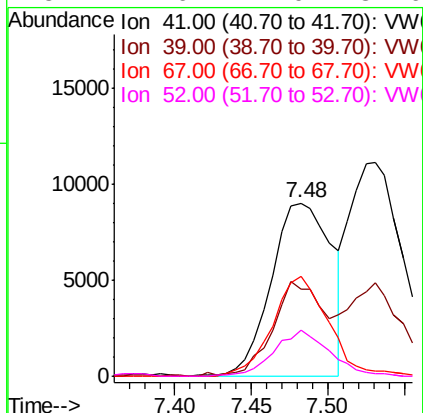
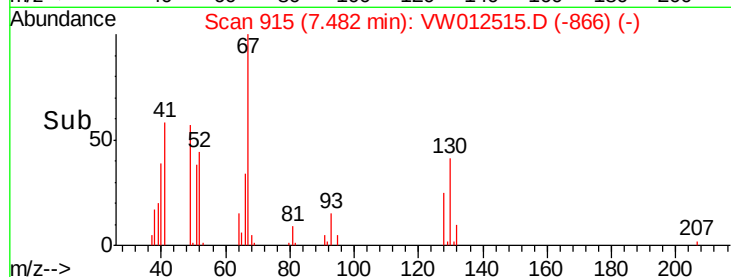
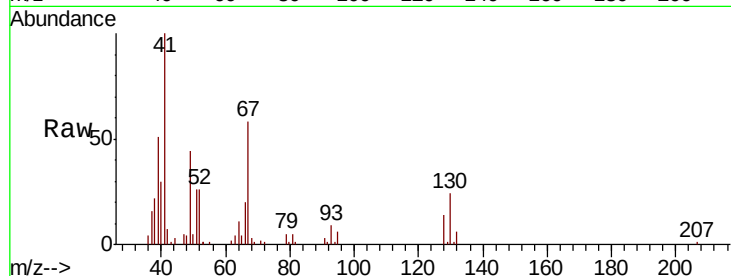




#41
Methacrylonitrile
Concen: 24.086 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

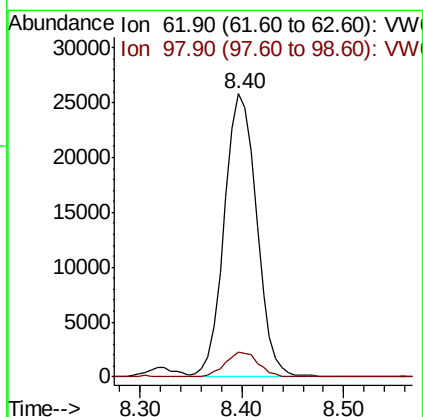
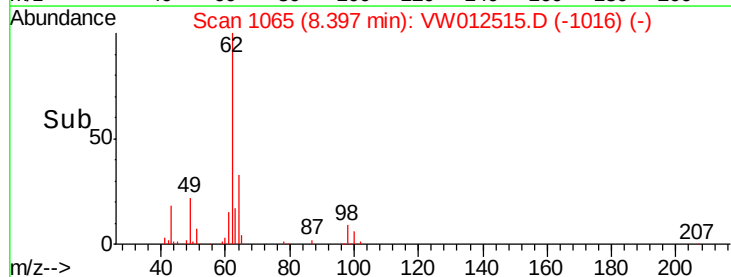
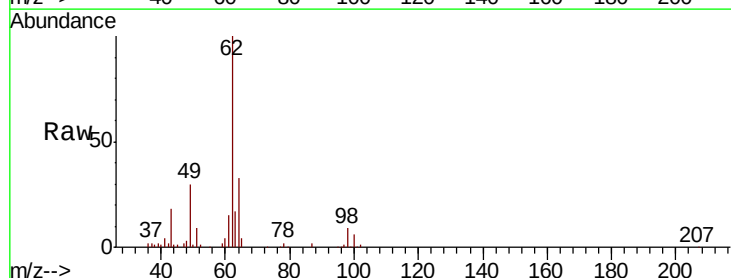
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

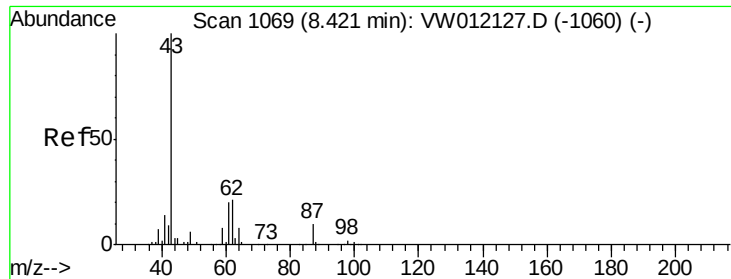
Tgt Ion:	41	Resp:	24706
Ion	Ratio	Lower	Upper
41	100		
39	44.8	45.8	68.8#
67	53.4	46.2	69.4
52	24.6	21.0	31.6



#42
1,2-Dichloroethane
Concen: 20.862 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion:	62	Resp:	56860
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.729 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

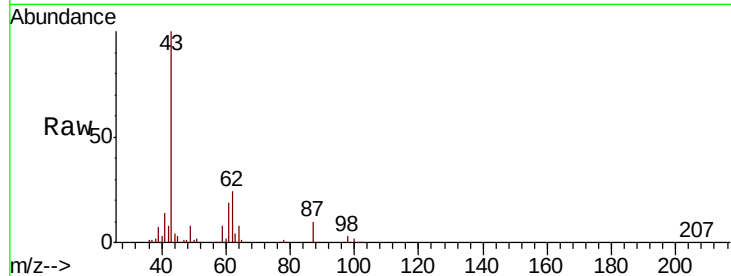
Tgt Ion: 43 Resp: 67013

Ion Ratio Lower Upper

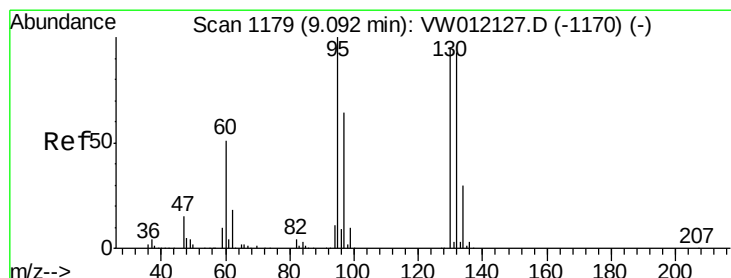
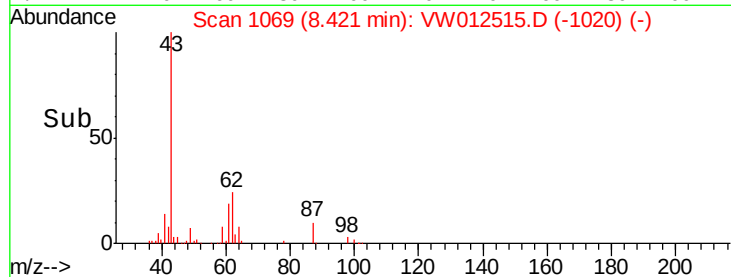
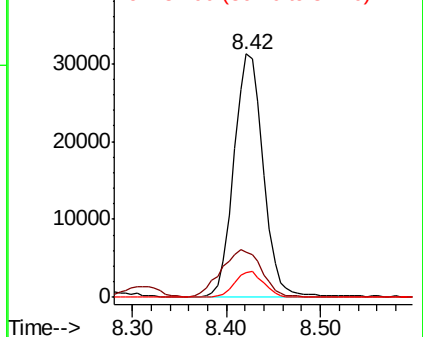
43 100

61 27.4 21.1 31.7

87 10.6 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.400 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012515.D

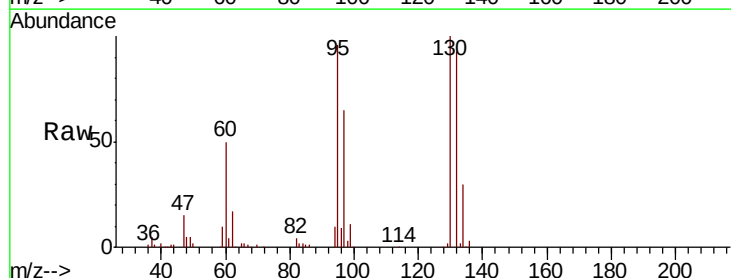
Acq: 02 Sep 2019 23:21

Tgt Ion: 130 Resp: 43127

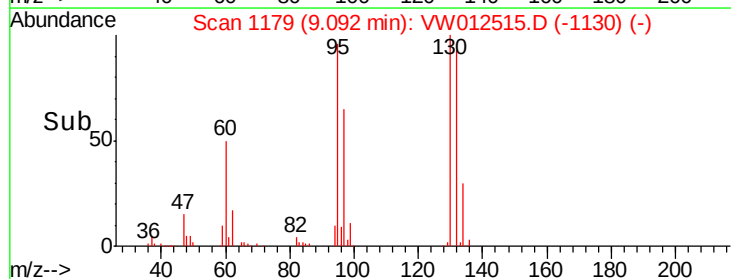
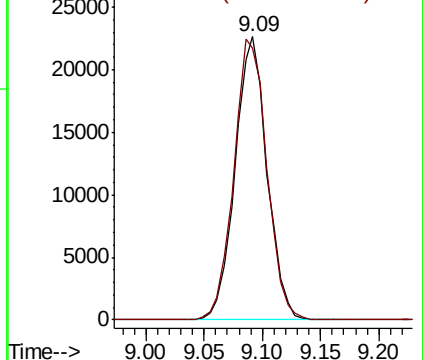
Ion Ratio Lower Upper

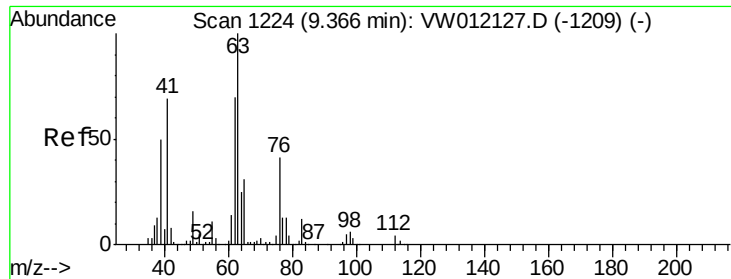
130 100

95 96.2 0.0 210.6



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

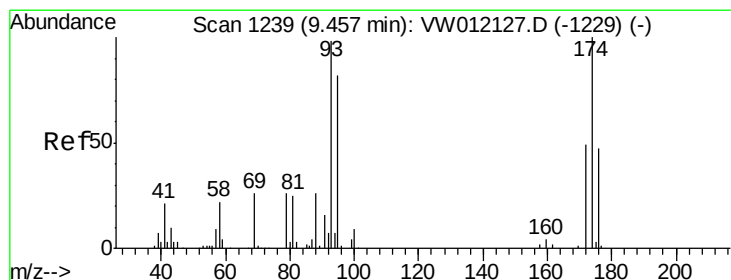
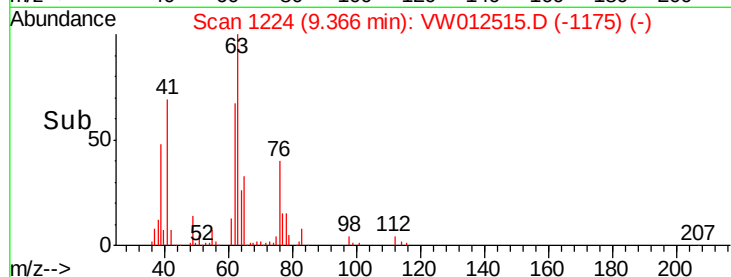
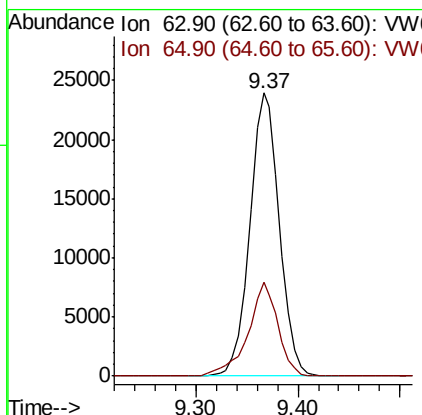
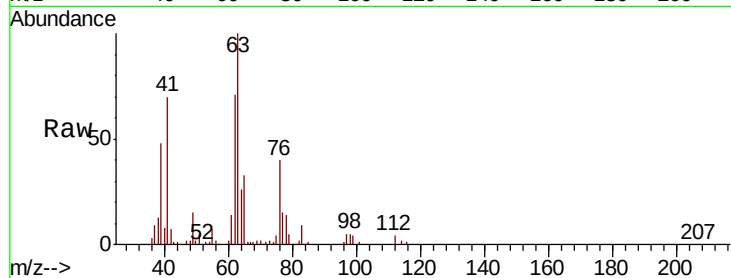




#45
 1,2-Dichloropropane
 Concen: 20.550 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

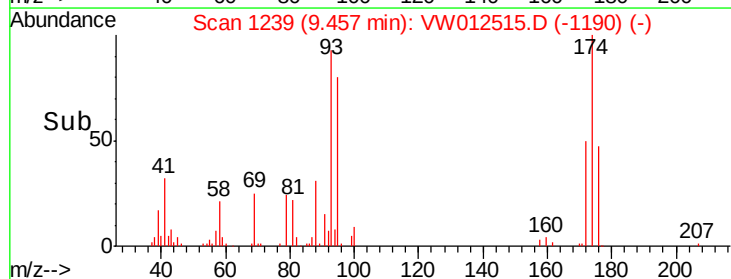
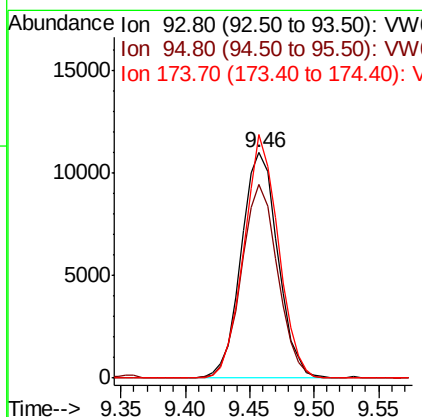
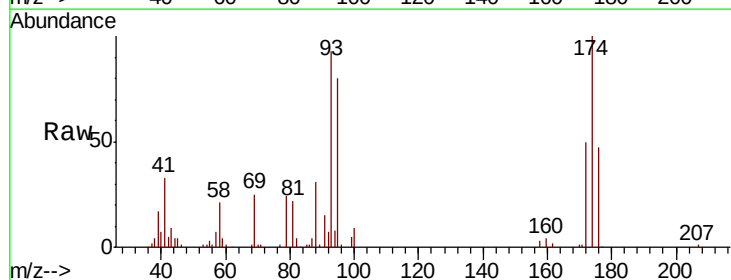
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

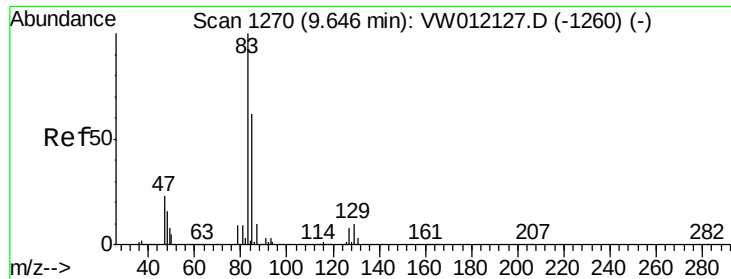
Tgt Ion: 63 Resp: 48096
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.0 37.4



#46
 Dibromomethane
 Concen: 20.758 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 93 Resp: 21616
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.2 100.8
 174 101.3 79.0 118.6

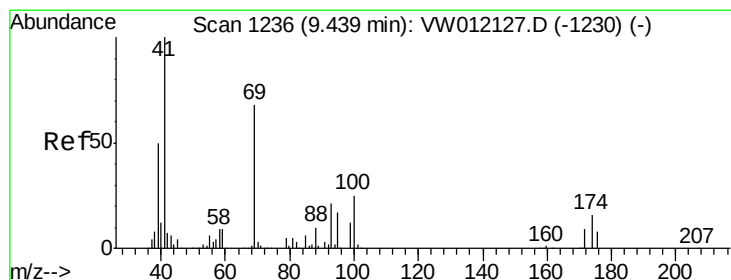
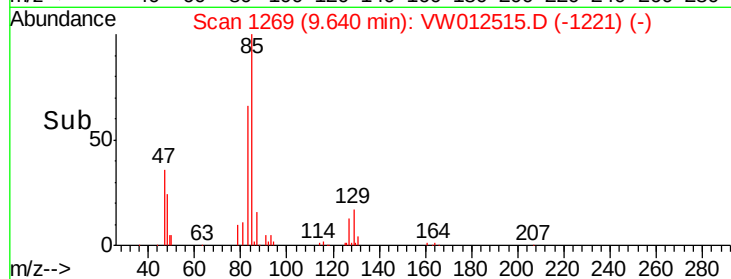
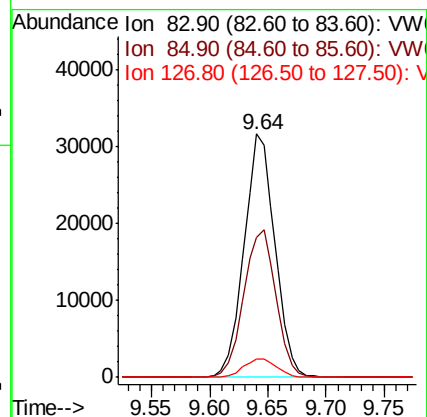
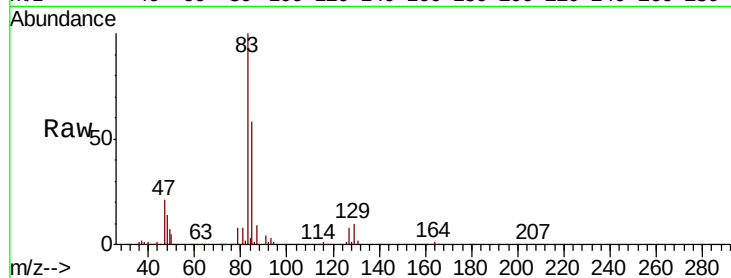




#47
 Bromodichloromethane
 Concen: 21.142 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

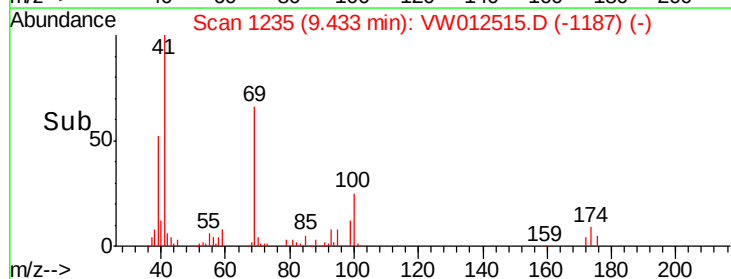
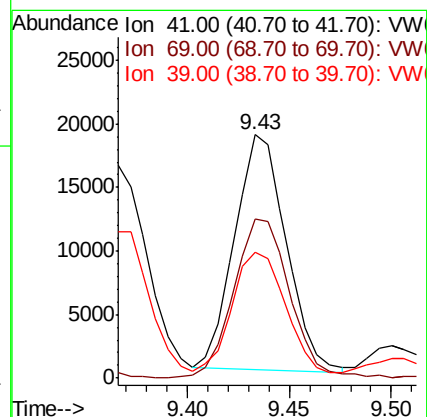
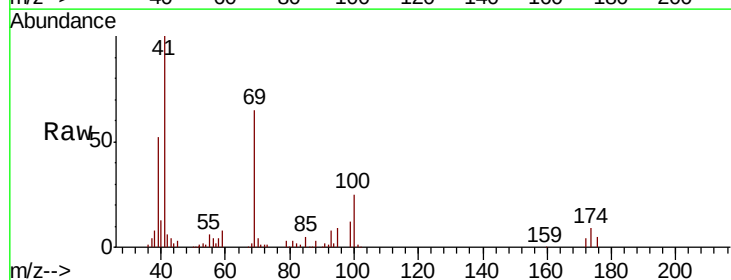
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

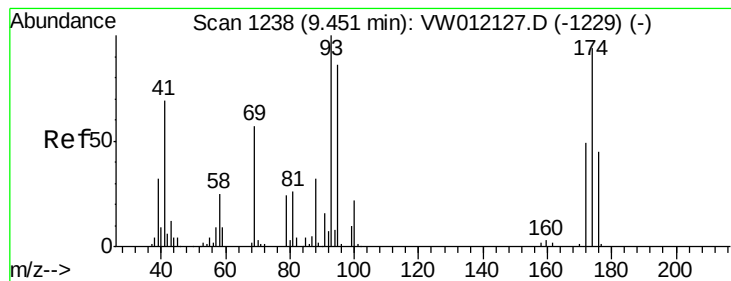
Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.4	49.4	74.2
127	7.5	6.1	9.1



#48
 Methyl methacrylate
 Concen: 21.065 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.4	56.7	85.1
39	57.0	42.0	63.0





#49

1,4-Dioxane

Concen: 448.755 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

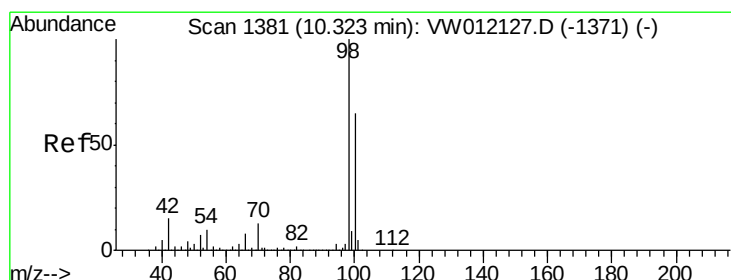
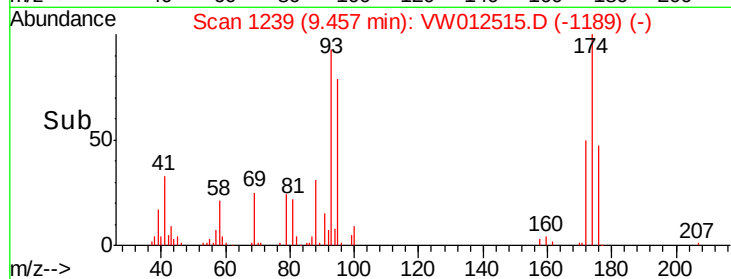
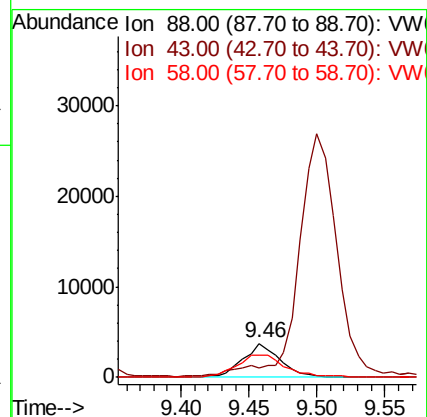
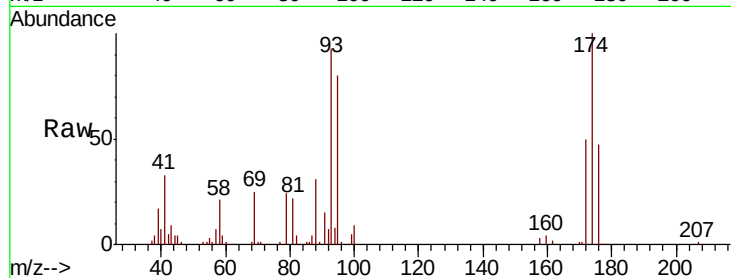
Tgt Ion: 88 Resp: 7154

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

58 89.0 71.0 106.4



#50

Toluene-d8

Concen: 52.977 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012515.D

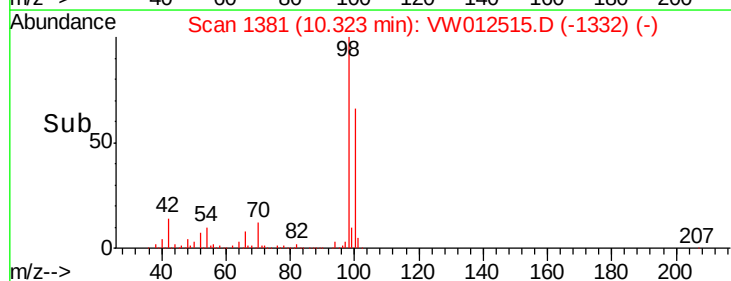
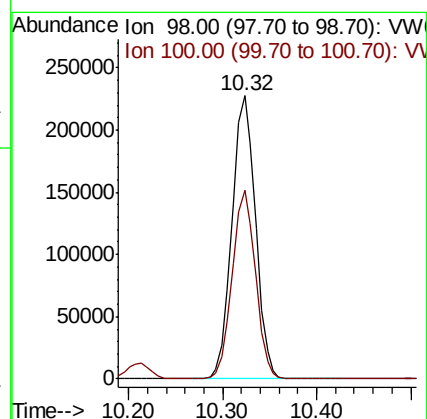
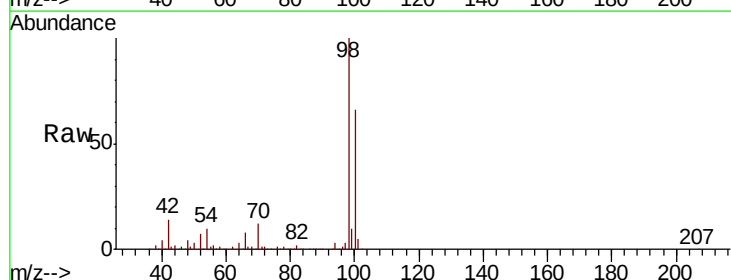
Acq: 02 Sep 2019 23:21

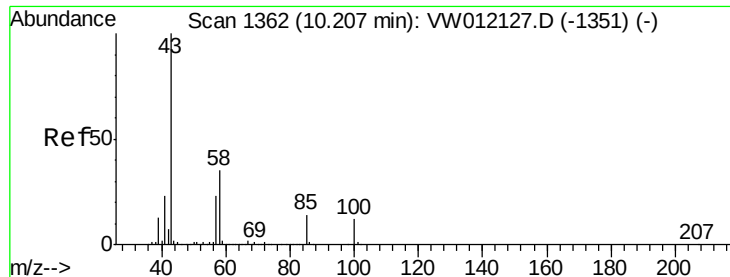
Tgt Ion: 98 Resp: 395167

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

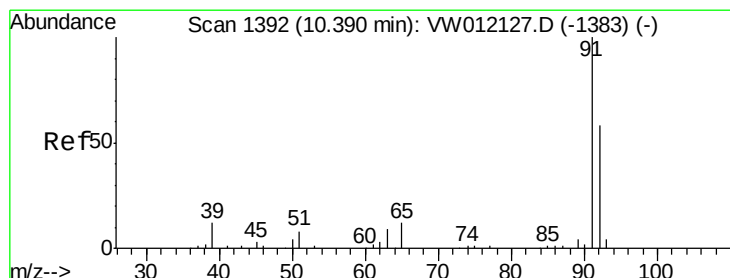
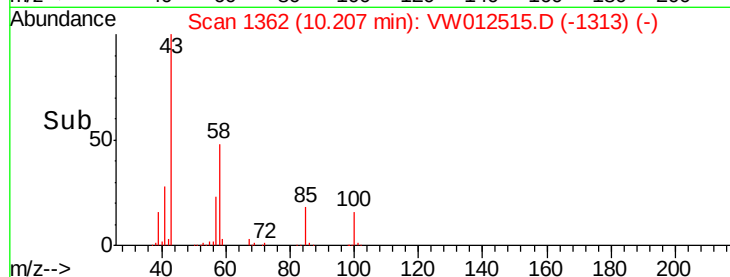
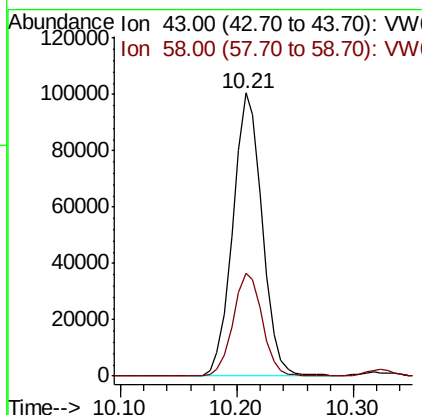
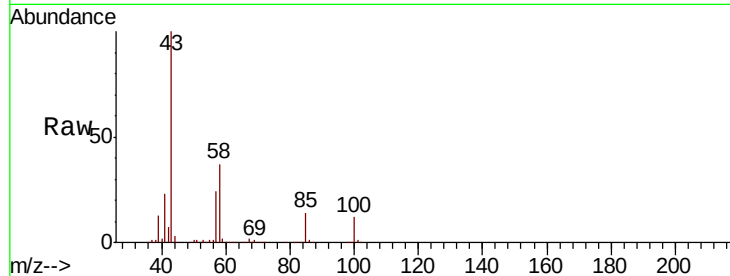




#51
 4-Methyl-2-Pentanone
 Concen: 107.136 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

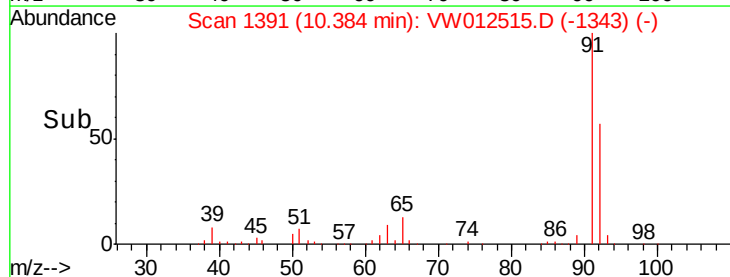
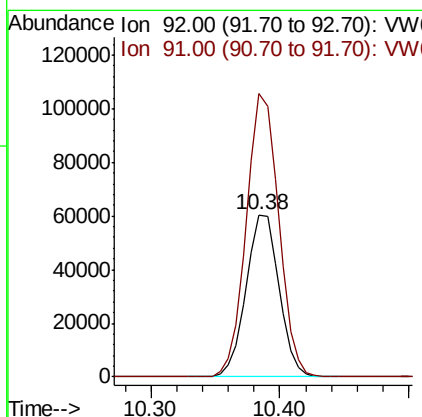
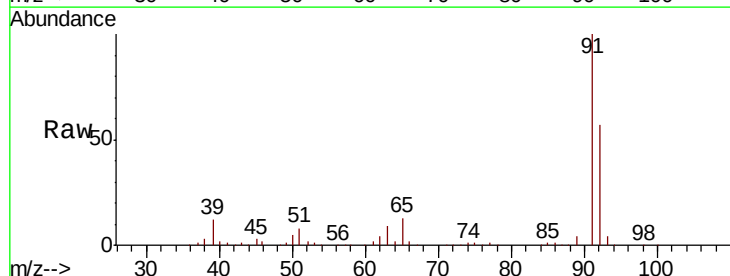
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

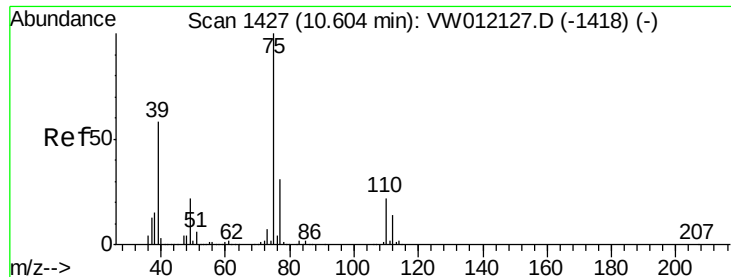
Tgt Ion: 43 Resp: 176161
 Ion Ratio Lower Upper
 43 100
 58 36.3 28.2 42.2



#52
 Toluene
 Concen: 20.446 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 92 Resp: 106815
 Ion Ratio Lower Upper
 92 100
 91 171.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 20.368 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

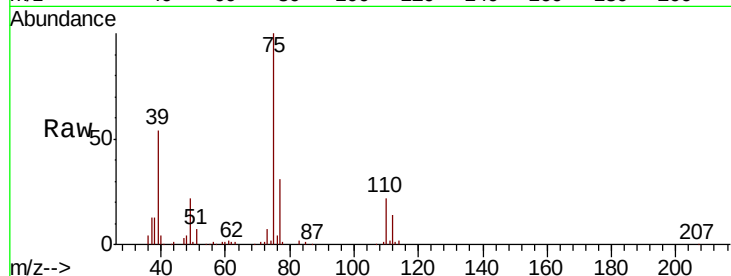
VW0902SBSD02

Tgt Ion: 75 Resp: 57501

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

40000

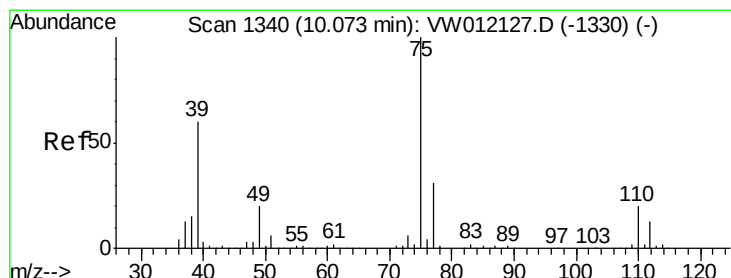
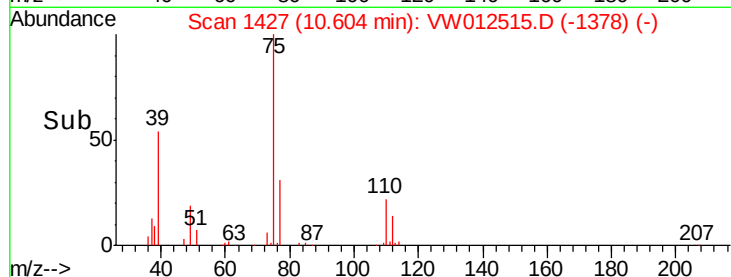
30000

20000

10000

0

Time--> 10.50 10.60



#54

cis-1,3-Dichloropropene

Concen: 20.077 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

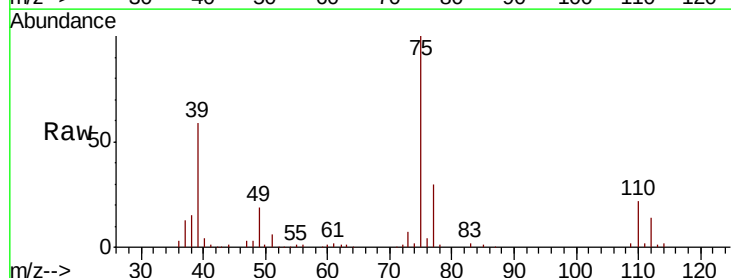
Tgt Ion: 75 Resp: 68438

Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

39 58.6 48.3 72.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

50000

40000

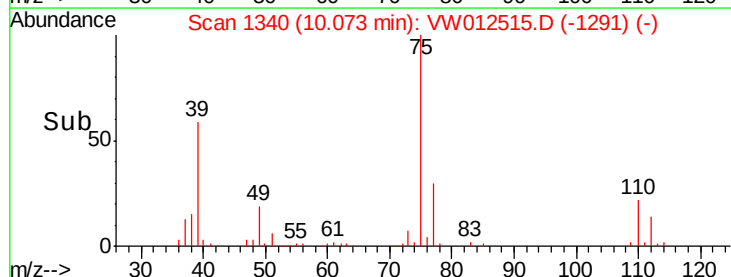
30000

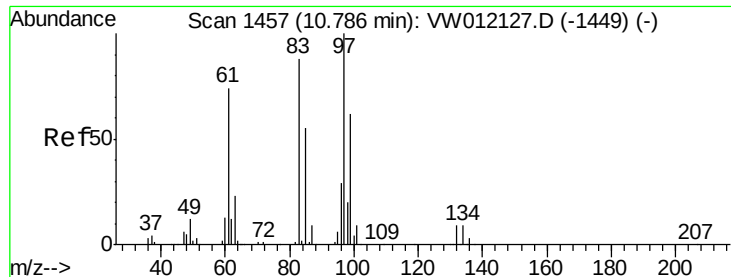
20000

10000

0

Time--> 10.00 10.10

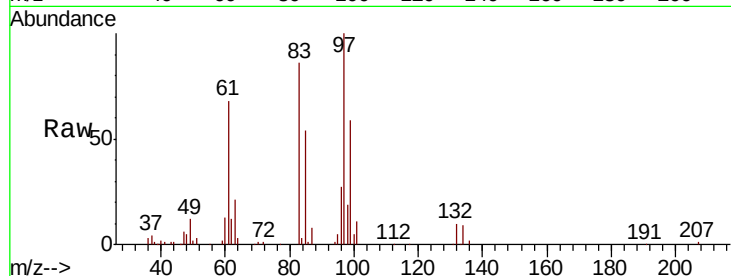




#55
 1,1,2-Trichloroethane
 Concen: 22.056 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

Tgt Ion:	97	Resp:	32497
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.8	106.2
85	54.2	43.8	65.8
99	58.6	49.8	74.6



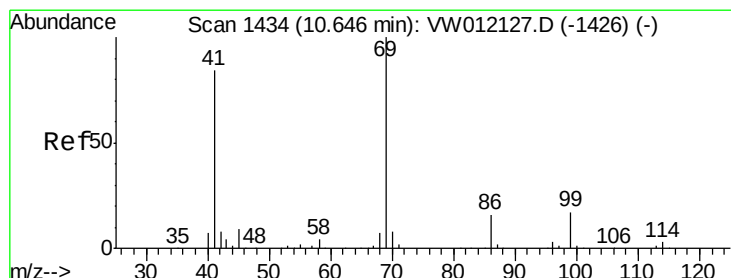
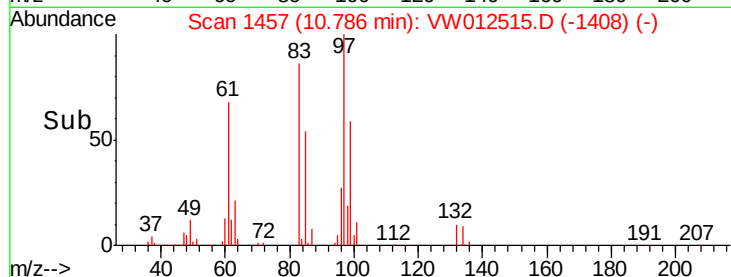
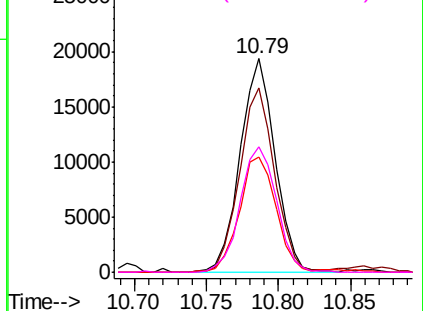
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

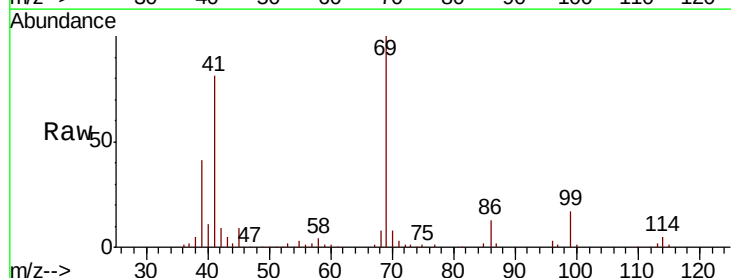
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.777 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion:	69	Resp:	46697
Ion	Ratio	Lower	Upper
69	100		
41	81.4	66.5	99.7
39	36.9	31.0	46.4

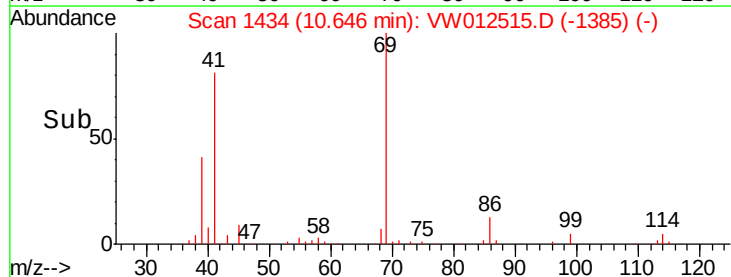
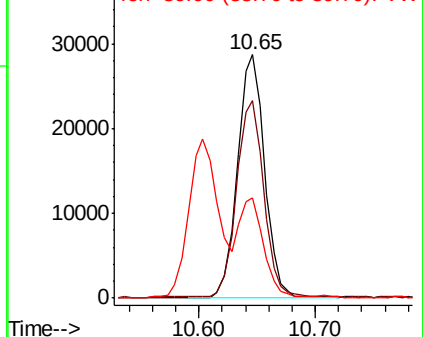


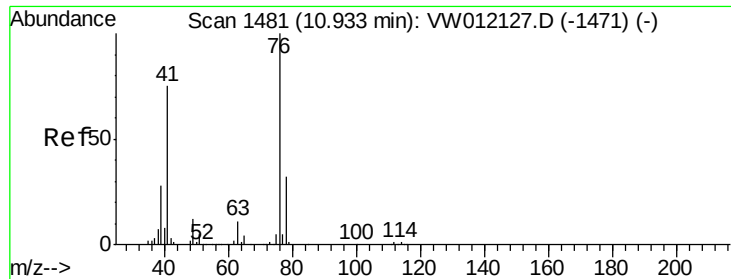
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

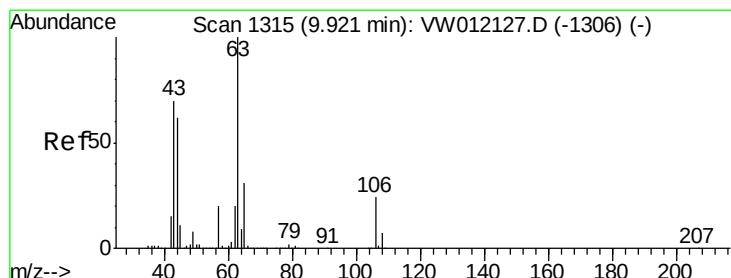
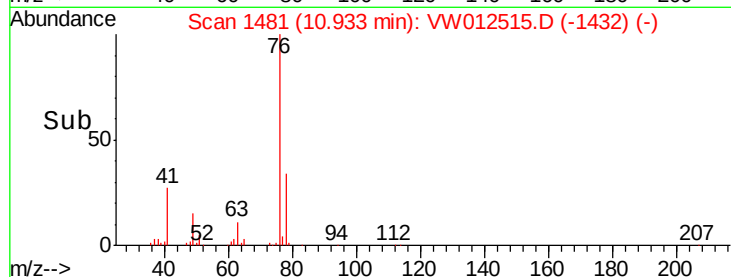
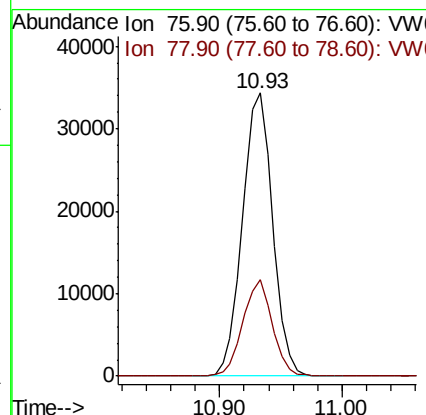
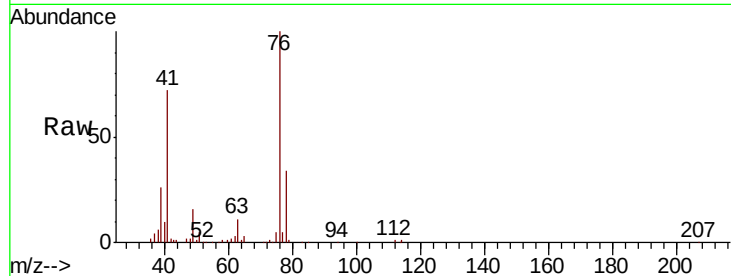




#57
 1,3-Dichloropropane
 Concen: 21.129 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

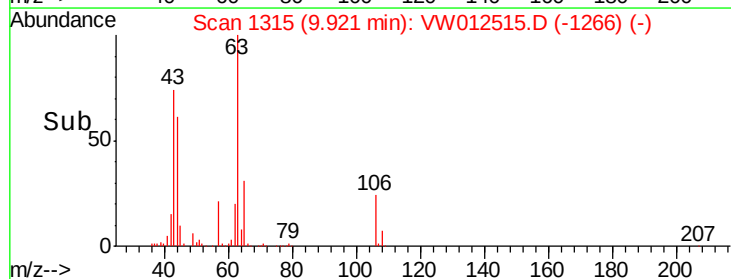
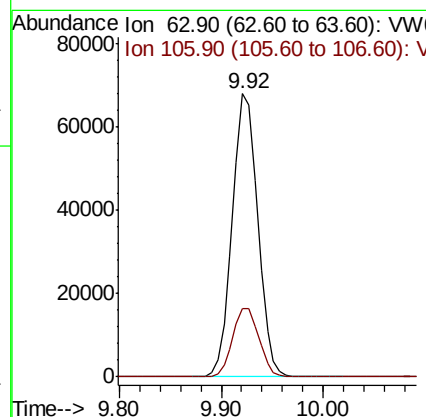
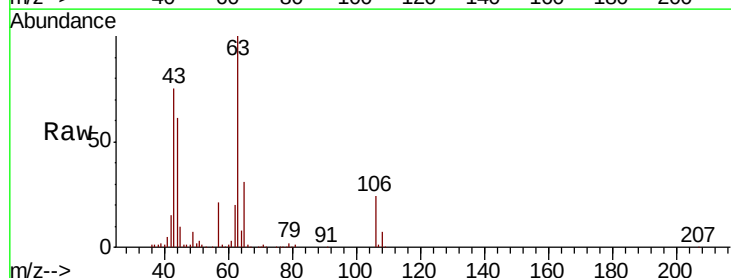
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

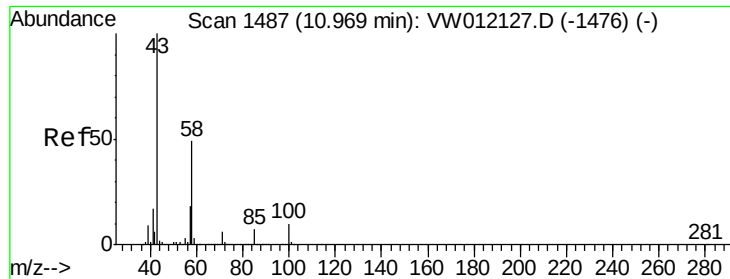
Tgt Ion: 76 Resp: 58830
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.160 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 63 Resp: 117934
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.8

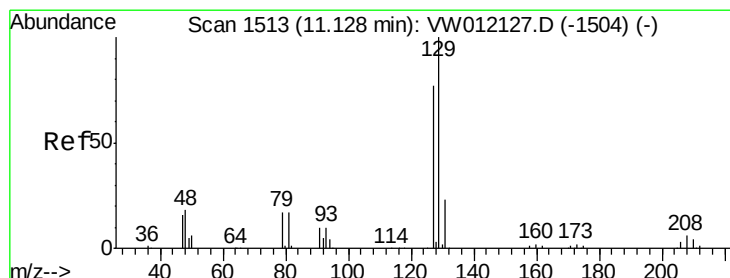
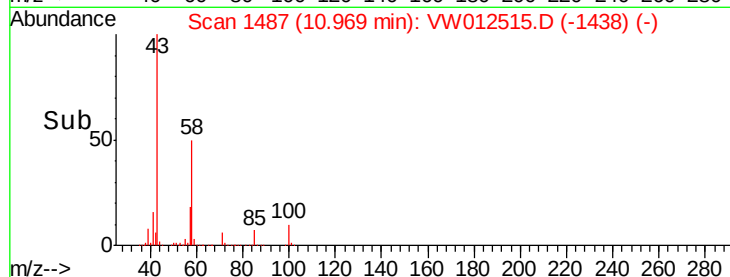
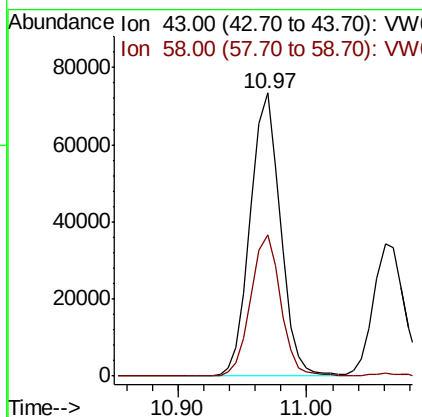
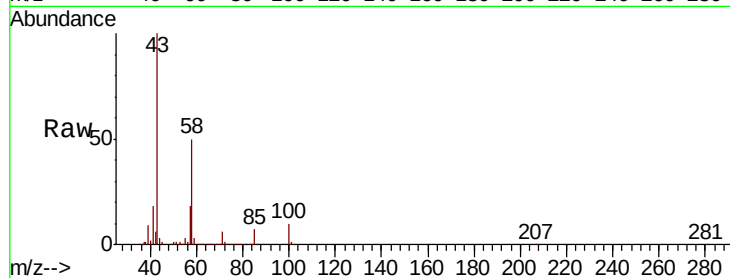




#59
2-Hexanone
Concen: 101.879 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

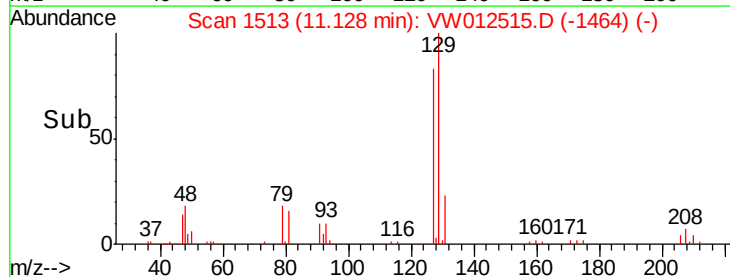
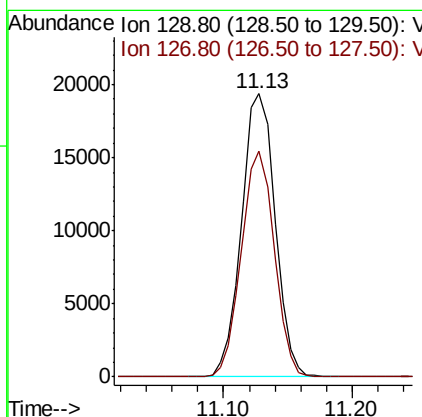
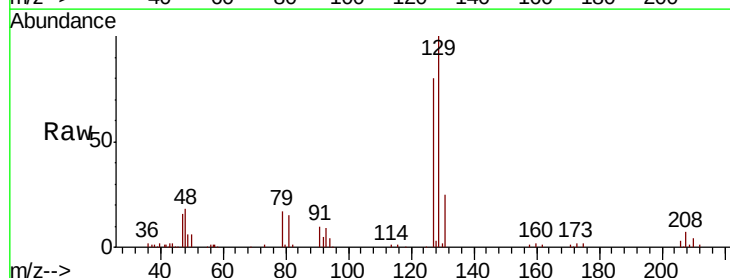
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

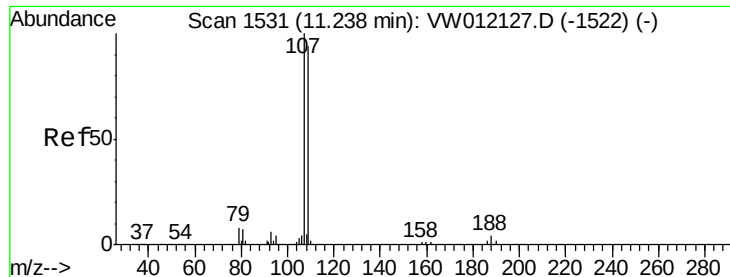
Tgt Ion: 43 Resp: 118530
Ion Ratio Lower Upper
43 100
58 49.5 24.3 72.9



#60
Dibromochloromethane
Concen: 21.280 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 129 Resp: 34923
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

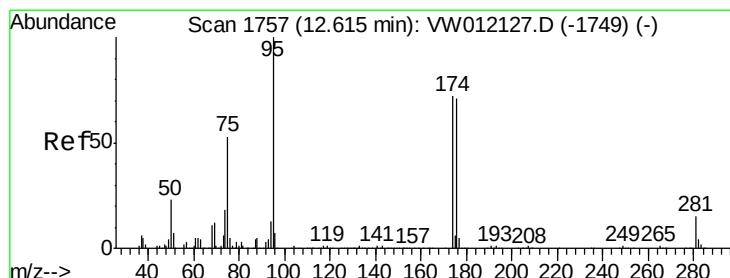
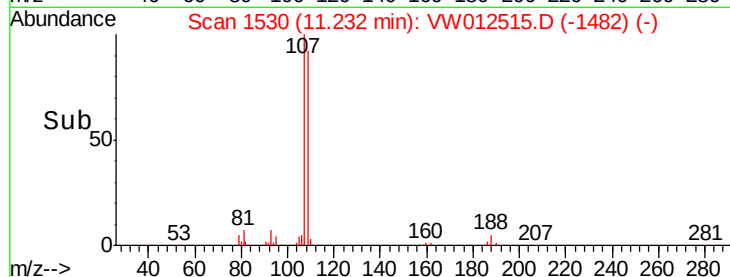
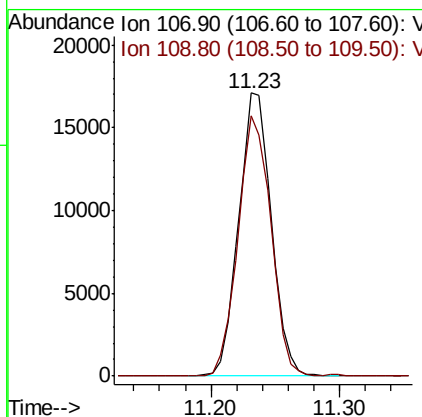
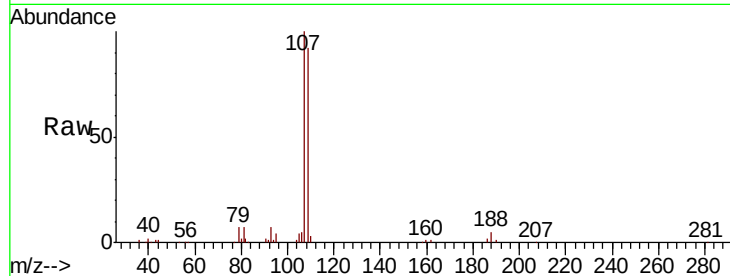




#61
 1,2-Dibromoethane
 Concen: 21.840 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

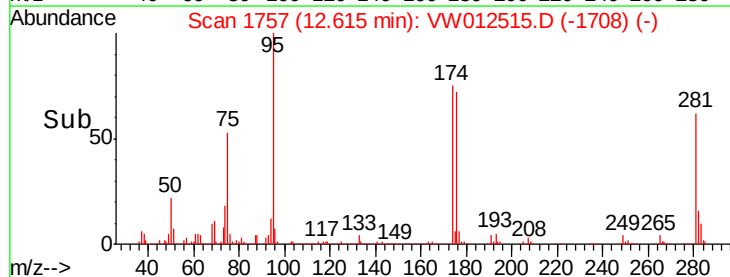
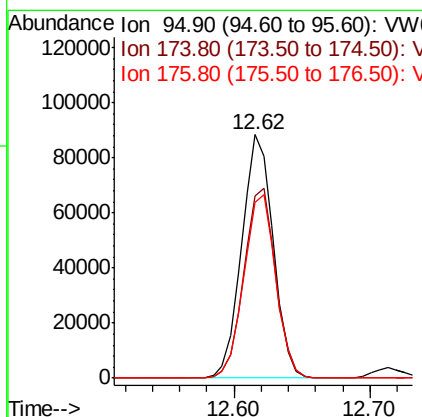
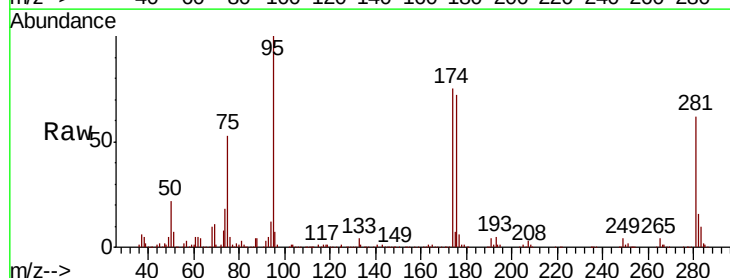
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

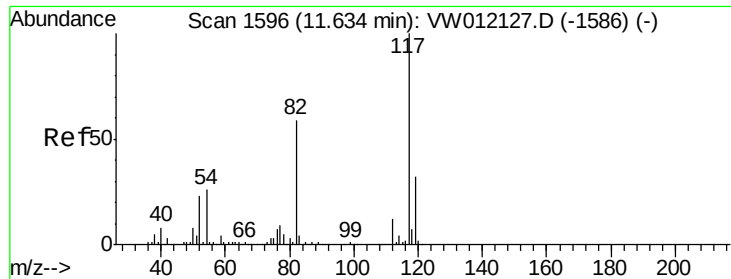
Tgt Ion: 107 Resp: 29978
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 54.342 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 95 Resp: 142884
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 150.8
 176 76.7 0.0 148.6

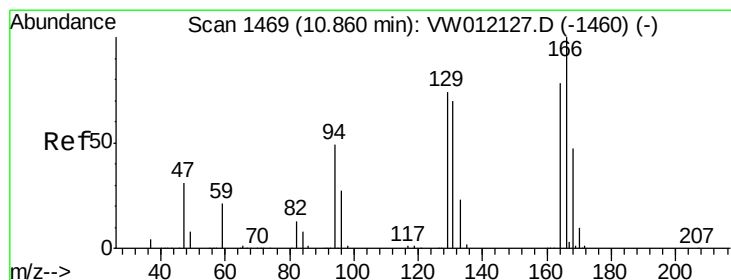
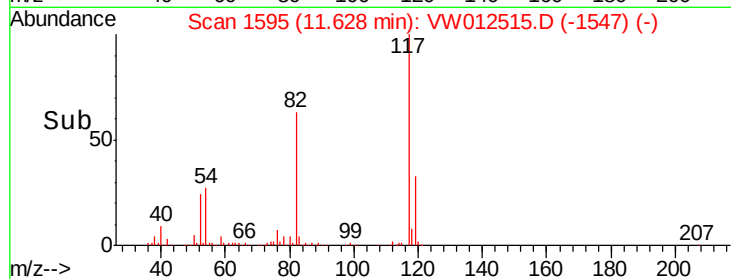
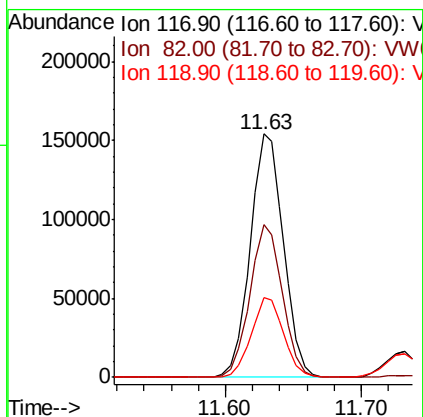
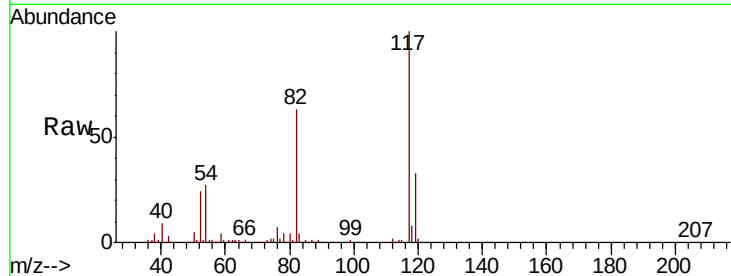




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

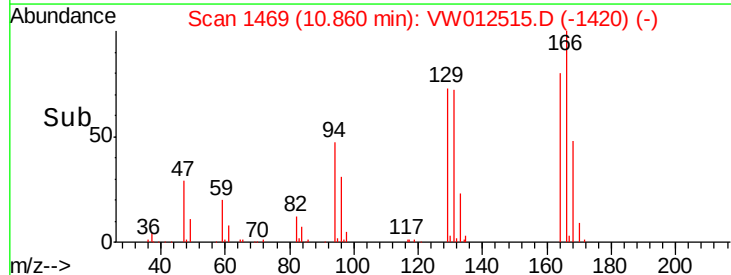
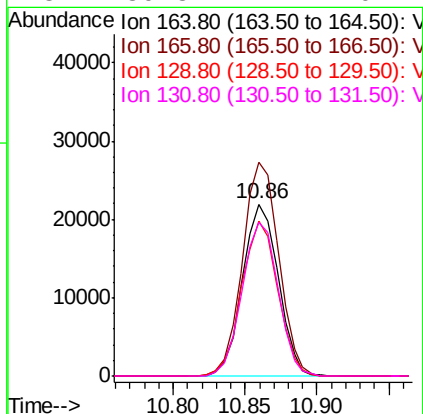
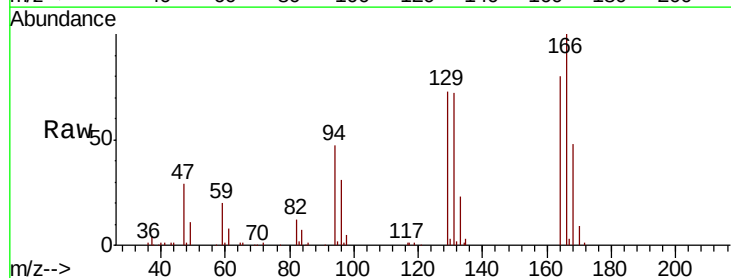
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

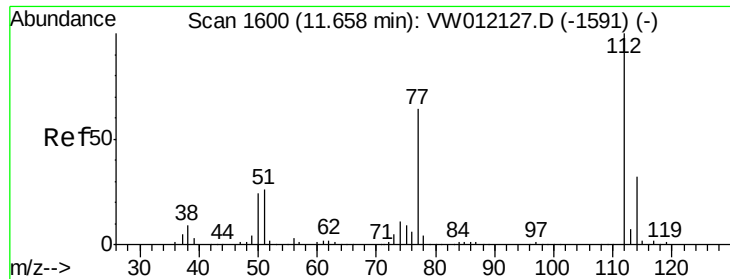
Tgt Ion:117 Resp: 262698
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 22.201 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion:164 Resp: 37812
Ion Ratio Lower Upper
164 100
166 124.5 102.4 153.6
129 90.3 75.8 113.6
131 89.8 71.4 107.2

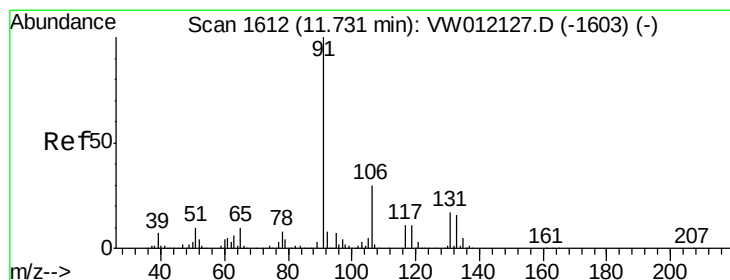
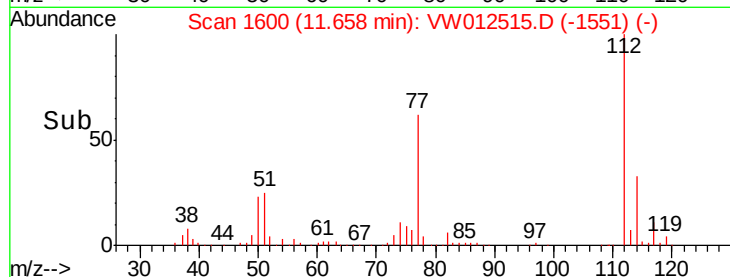
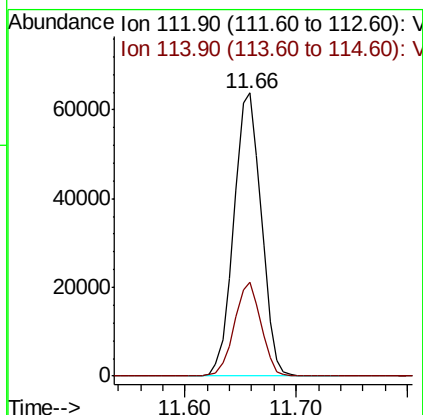
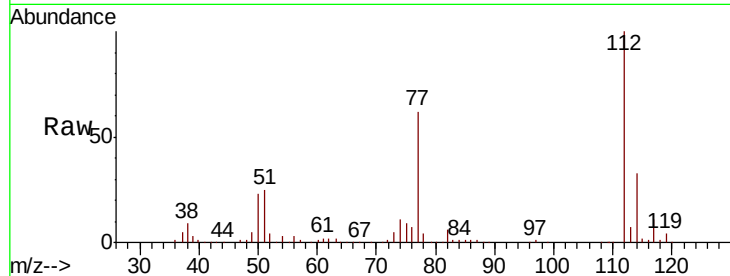




#65
Chlorobenzene
Concen: 21.085 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

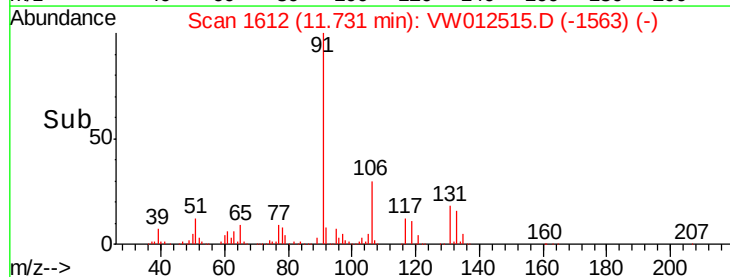
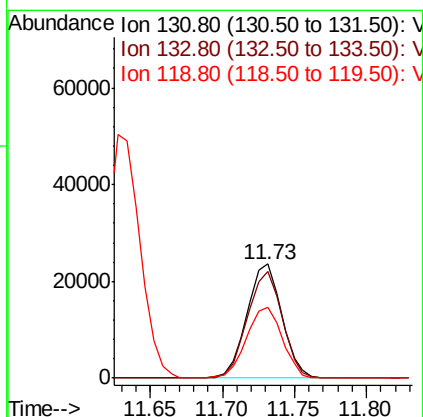
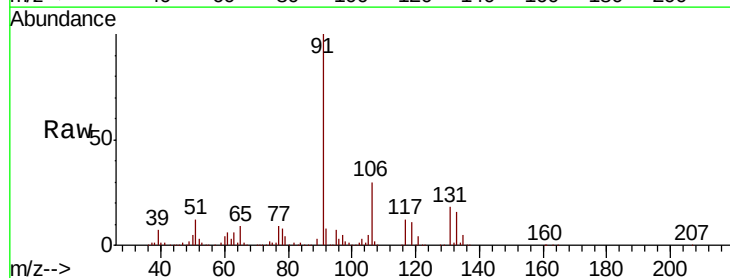
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

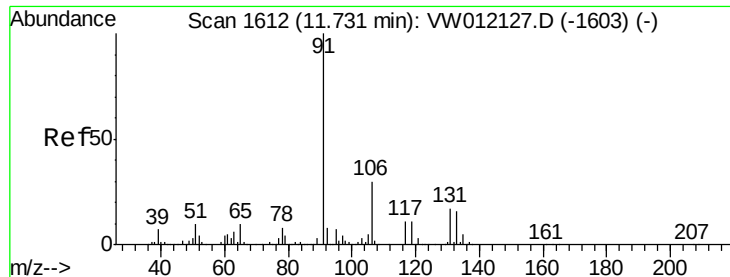
Tgt Ion:112 Resp: 109067
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.811 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion:131 Resp: 39359
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.3
119 64.3 31.8 95.3

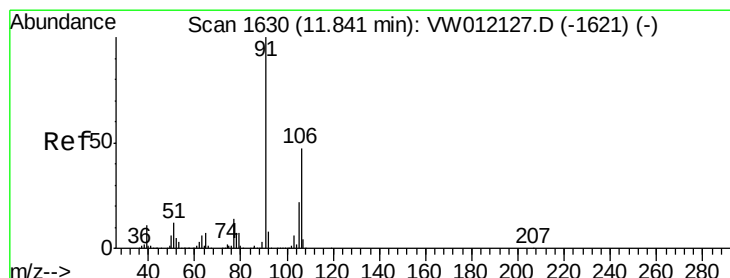
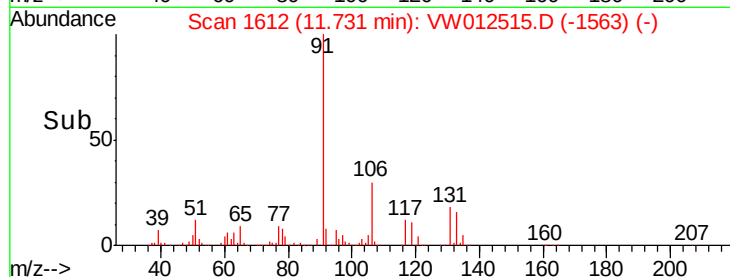
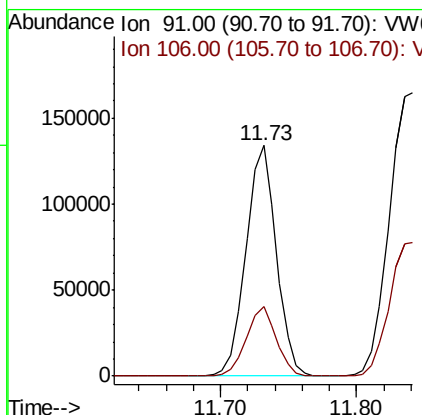
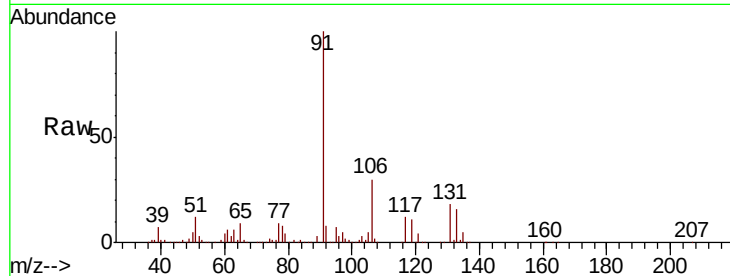




#67
Ethyl Benzene
Concen: 21.051 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

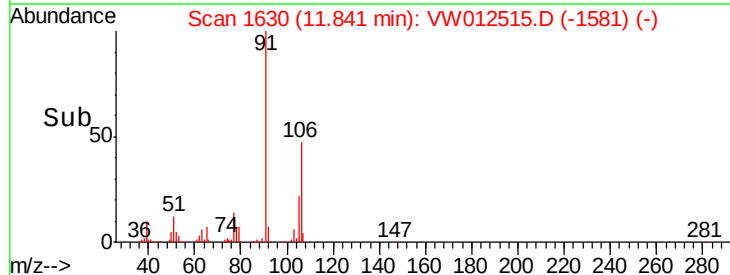
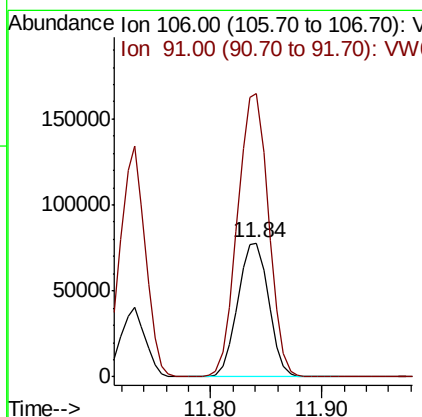
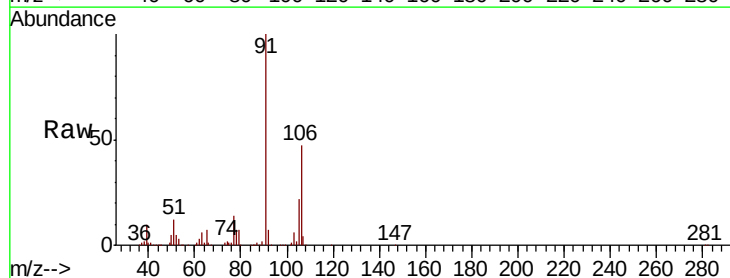
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

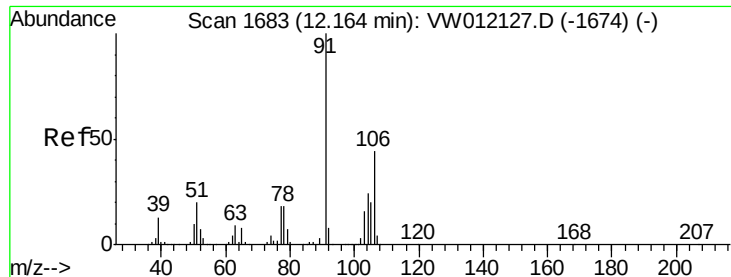
Tgt Ion: 91 Resp: 209757
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 41.823 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion: 106 Resp: 150116
Ion Ratio Lower Upper
106 100
91 212.1 169.5 254.3

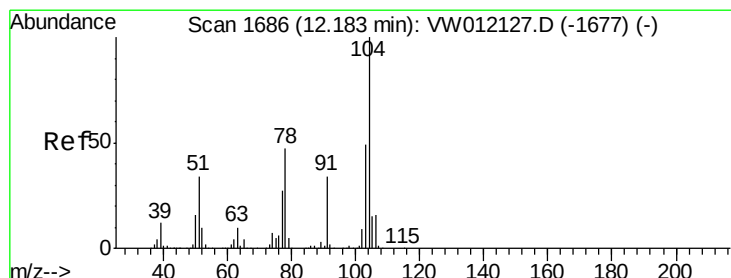
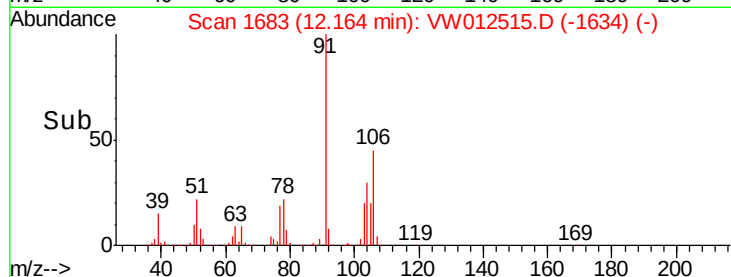
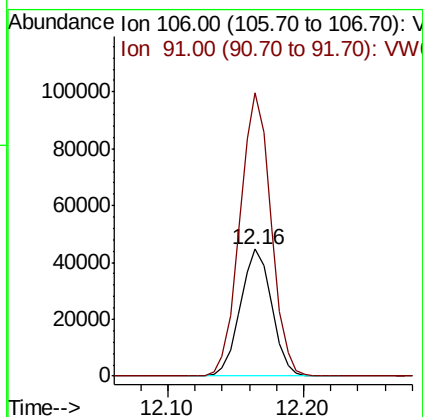
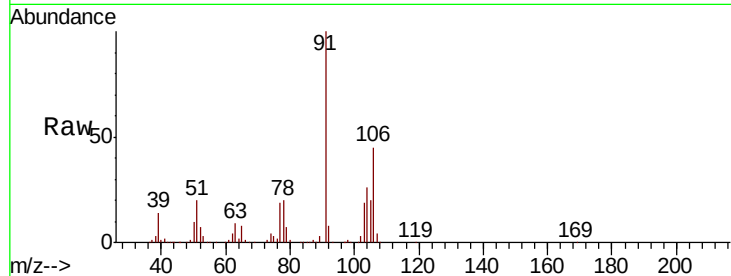




#69
o-Xylene
Concen: 21.663 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

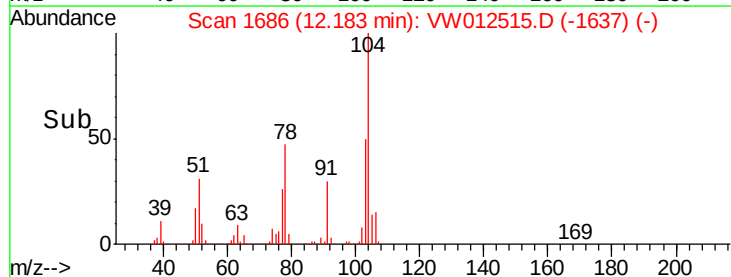
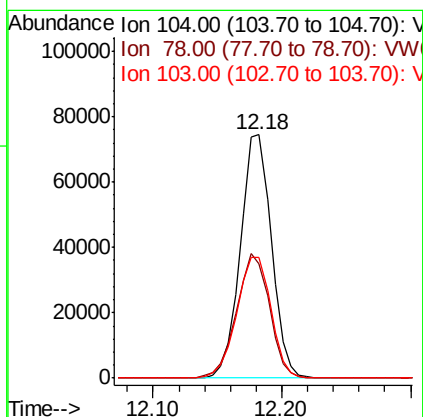
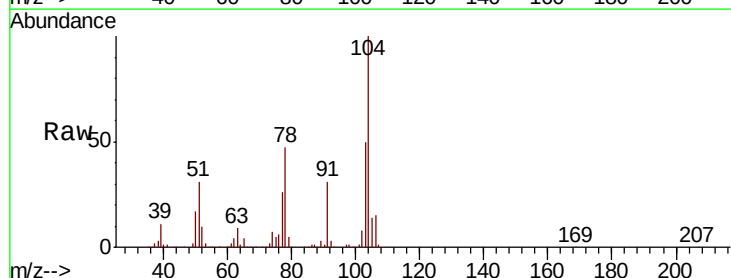
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

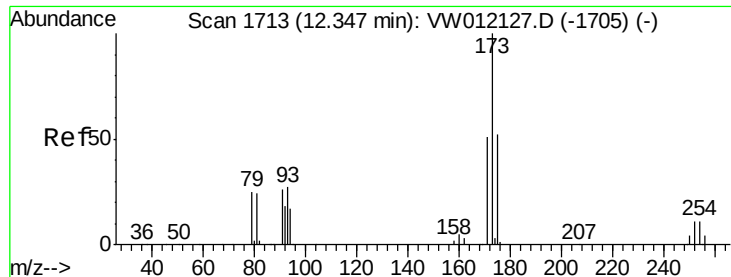
Tgt Ion:106 Resp: 71966
Ion Ratio Lower Upper
106 100
91 221.4 111.6 334.6



#70
Styrene
Concen: 21.598 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion:104 Resp: 124190
Ion Ratio Lower Upper
104 100
78 54.3 43.1 64.7
103 54.9 43.5 65.3





#71

Bromoform

Concen: 22.523 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

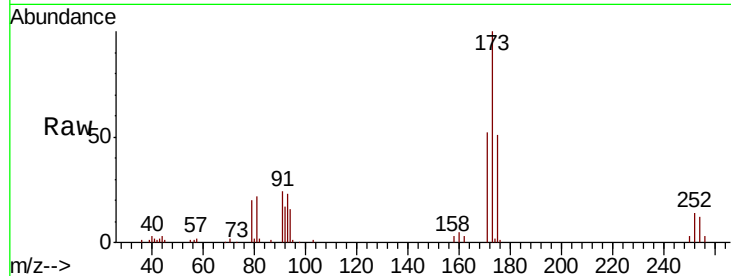
Tgt Ion:173 Resp: 20250

Ion Ratio Lower Upper

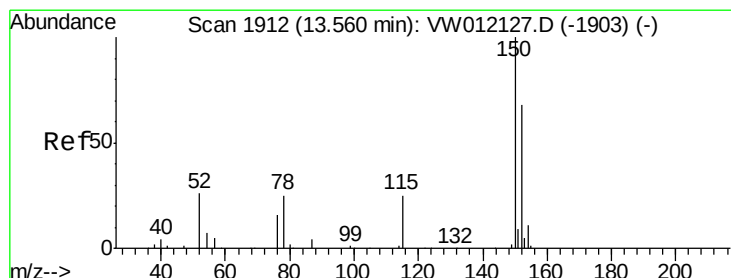
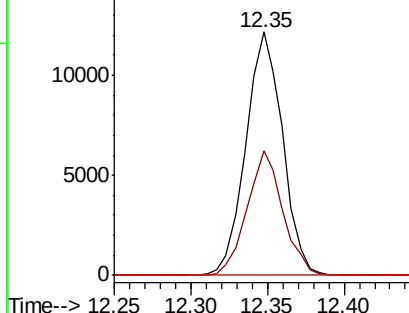
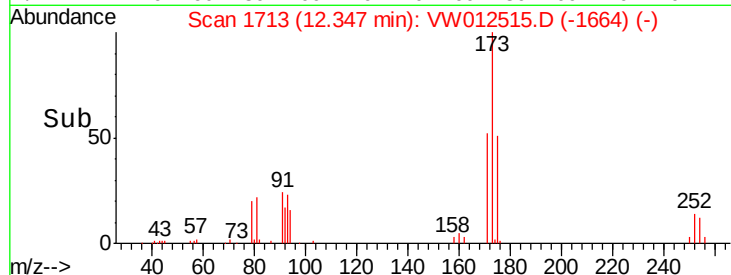
173 100

175 49.7 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

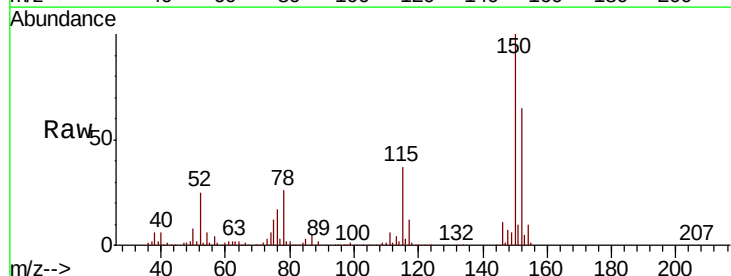
Tgt Ion:152 Resp: 130780

Ion Ratio Lower Upper

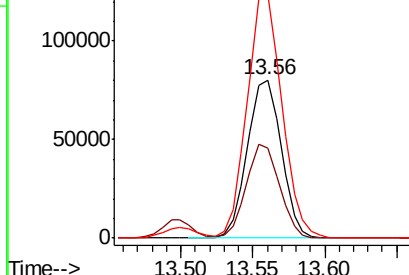
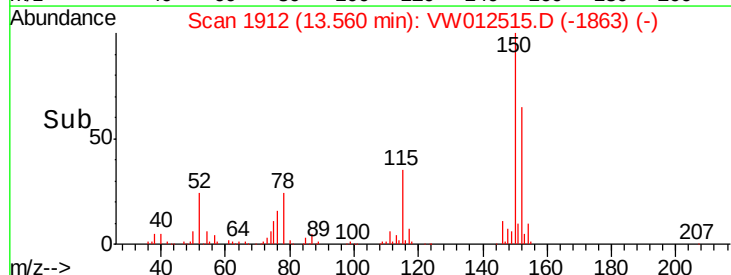
152 100

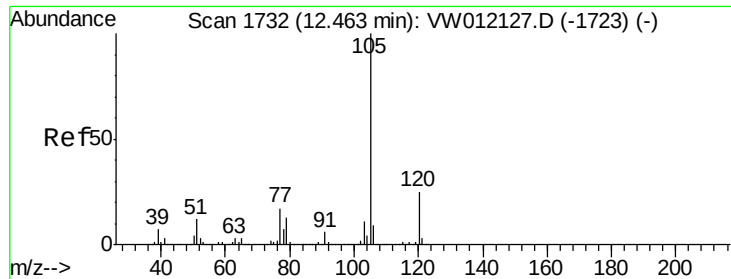
115 58.4 30.1 90.3

150 158.5 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: 20.688 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

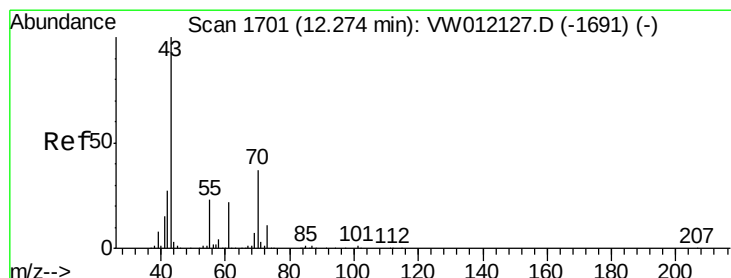
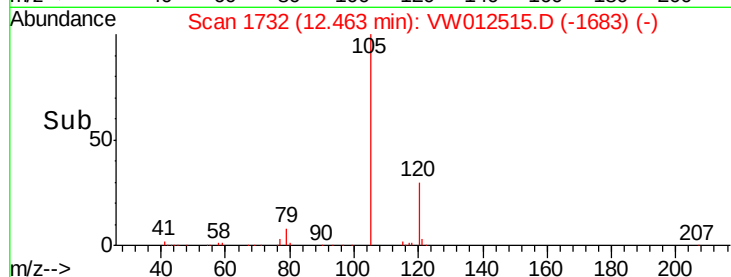
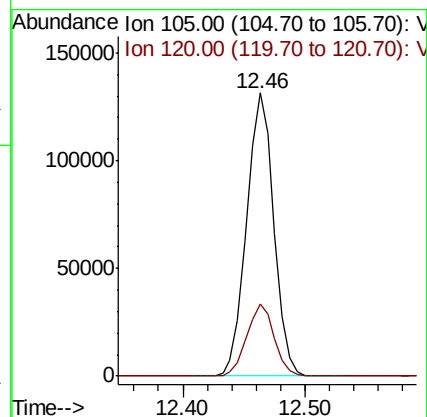
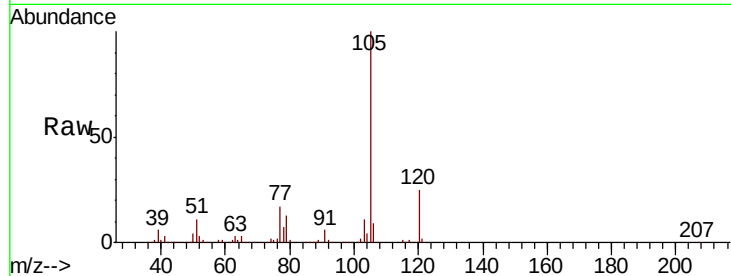
VW0902SBSD02

Tgt Ion:105 Resp: 202730

Ion Ratio Lower Upper

105 100

120 25.5 12.5 37.5



#74

N-amyl acetate

Concen: 19.675 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Tgt Ion: 43 Resp: 58252

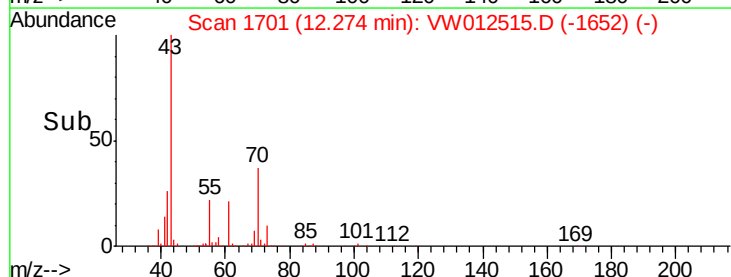
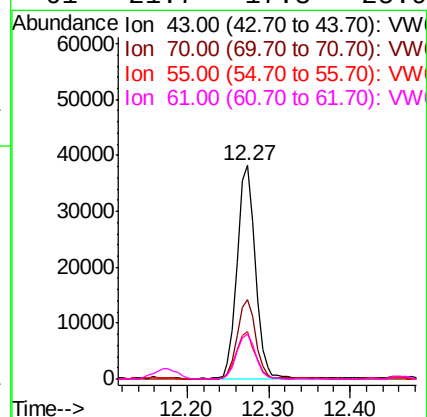
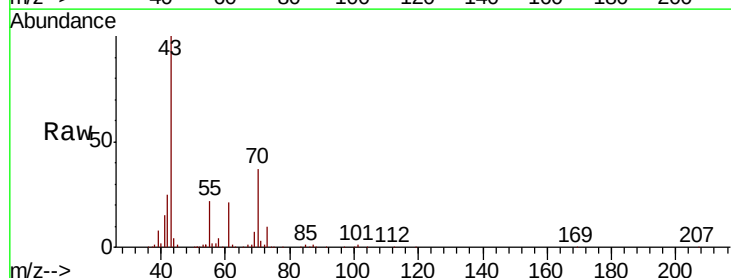
Ion Ratio Lower Upper

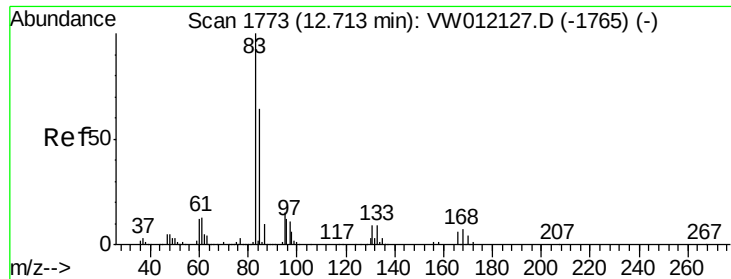
43 100

70 37.5 28.6 43.0

55 23.0 17.8 26.6

61 21.7 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.465 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

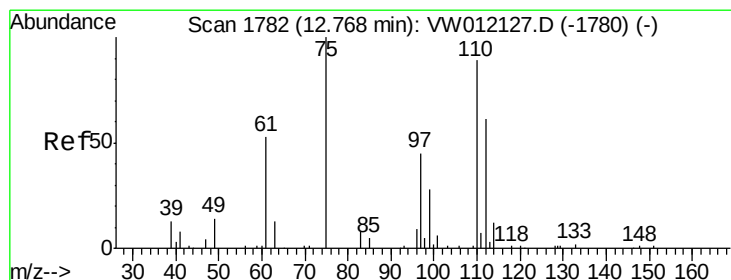
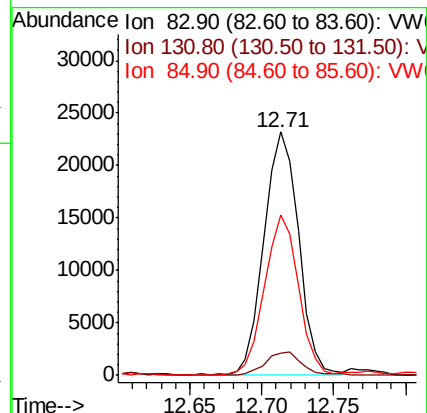
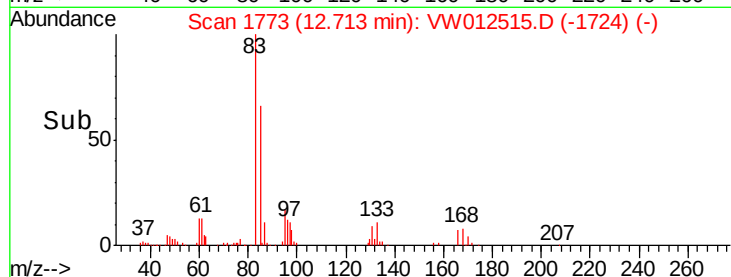
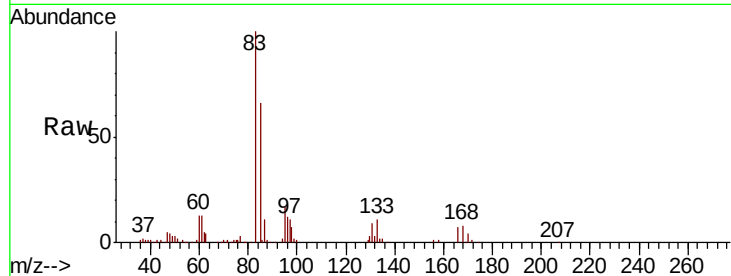
Tgt Ion: 83 Resp: 38562

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

85 65.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 39.220 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012515.D

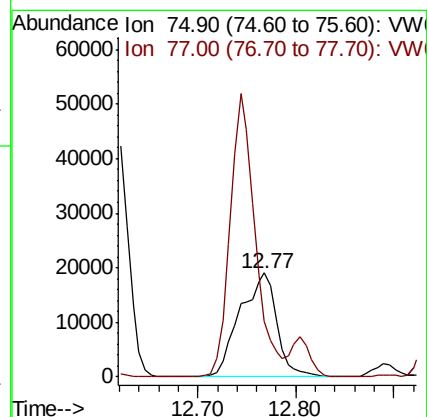
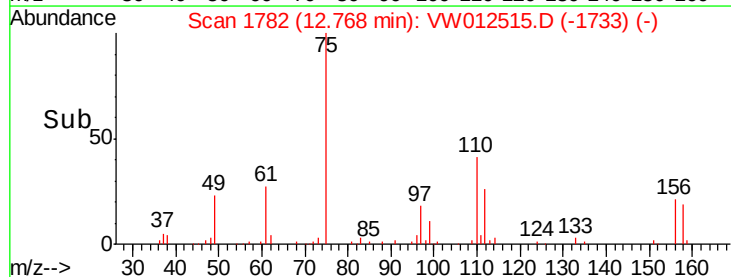
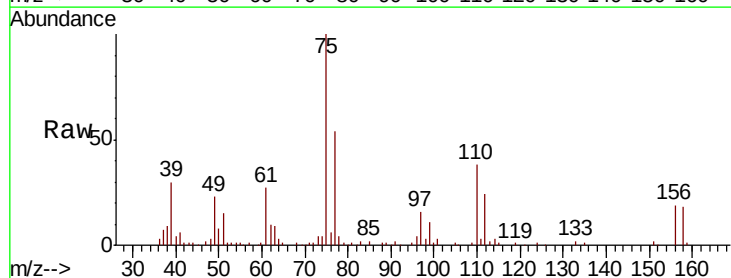
Acq: 02 Sep 2019 23:21

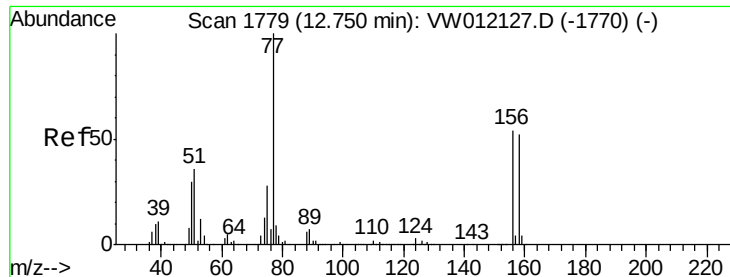
Tgt Ion: 75 Resp: 49955

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.452 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

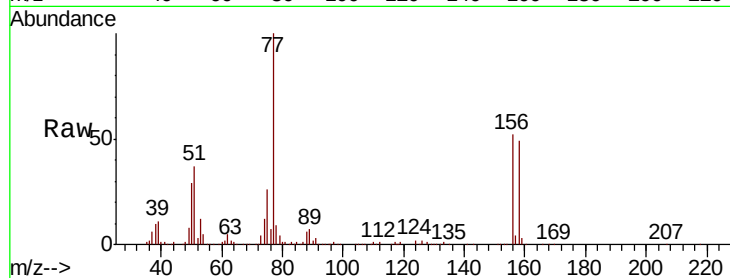
Tgt Ion:156 Resp: 45478

Ion Ratio Lower Upper

156 100

77 202.8 107.3 321.8

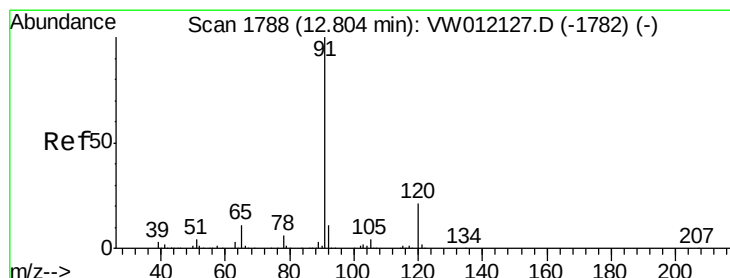
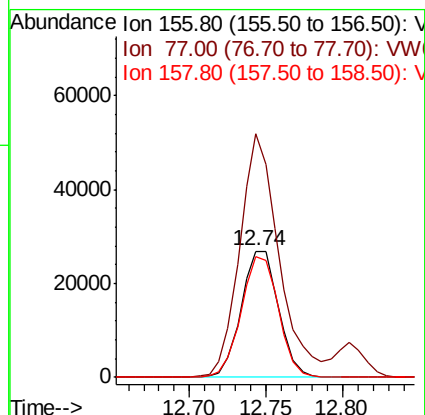
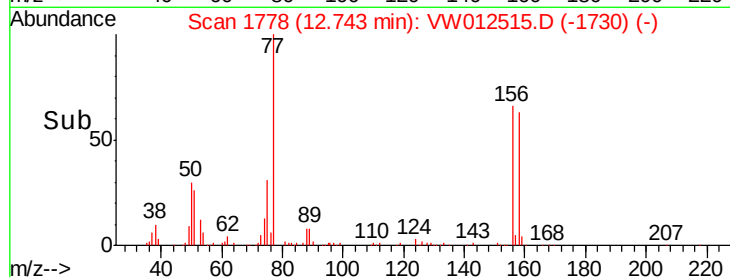
158 95.4 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.167 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012515.D

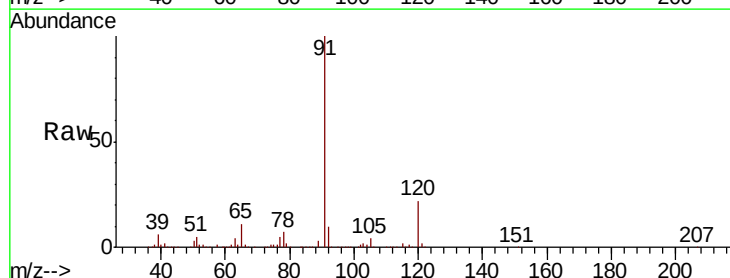
Acq: 02 Sep 2019 23:21

Tgt Ion: 91 Resp: 241259

Ion Ratio Lower Upper

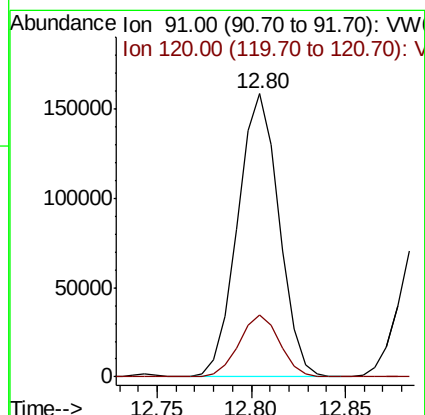
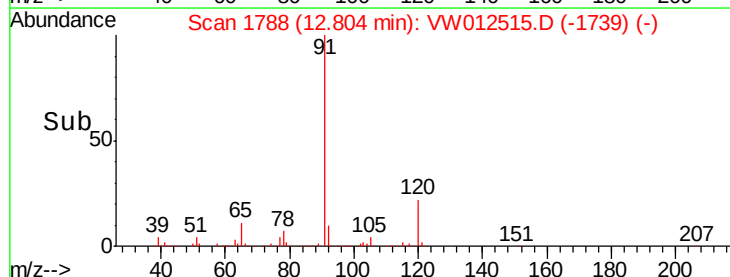
91 100

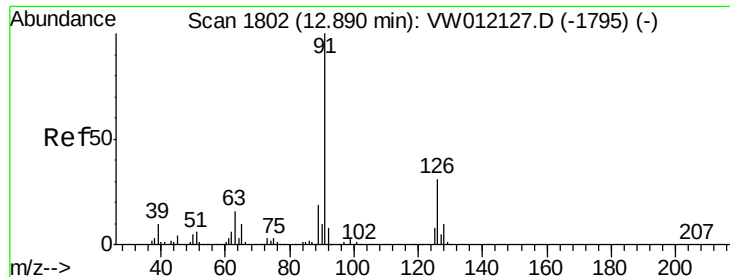
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.522 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

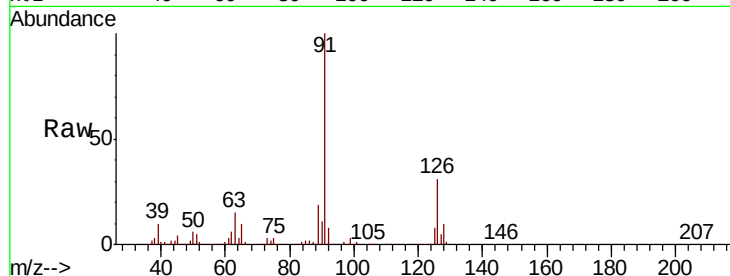
VW0902SBSD02

Tgt Ion: 91 Resp: 139385

Ion Ratio Lower Upper

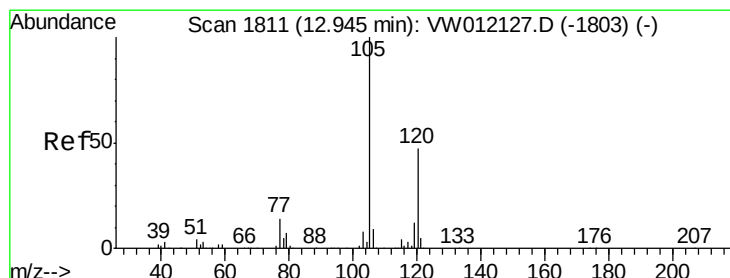
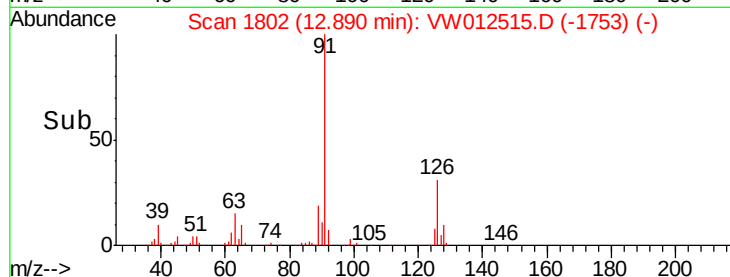
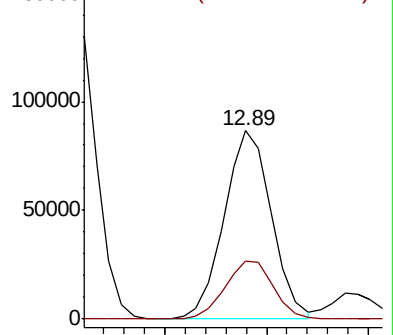
91 100

126 31.6 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: 20.677 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012515.D

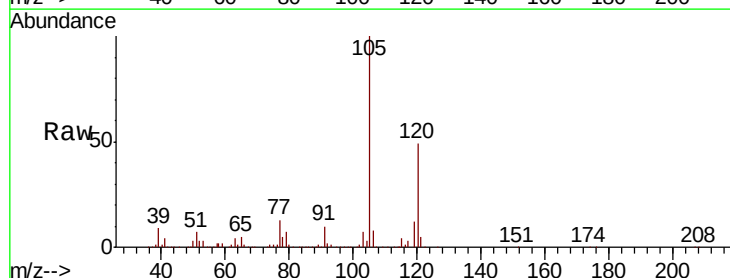
Acq: 02 Sep 2019 23:21

Tgt Ion: 105 Resp: 169311

Ion Ratio Lower Upper

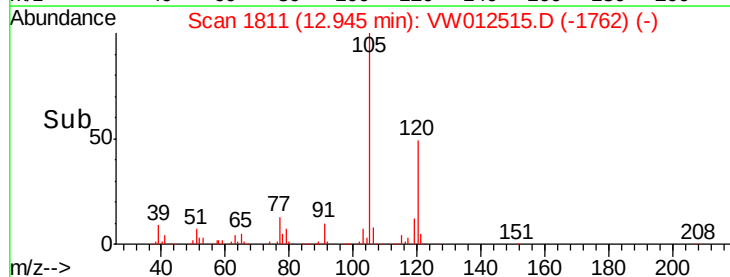
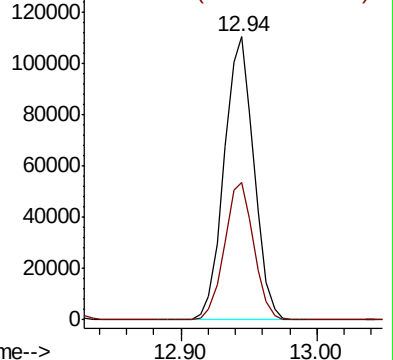
105 100

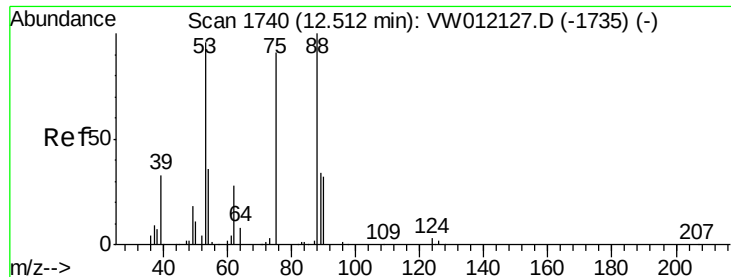
120 48.0 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.135 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

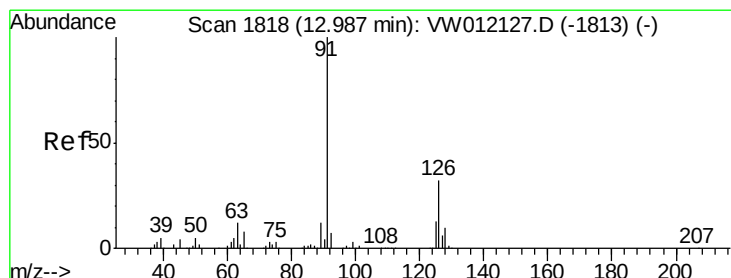
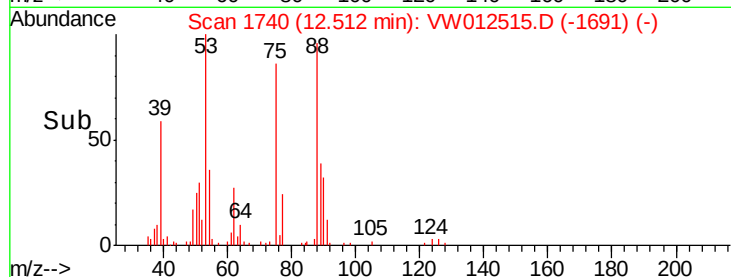
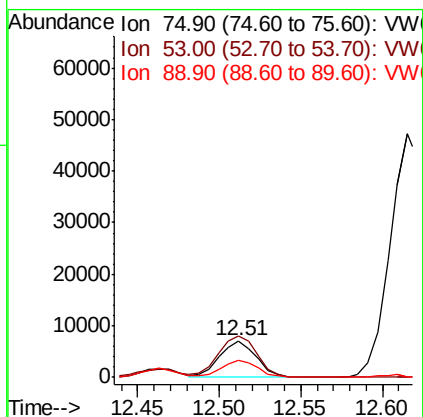
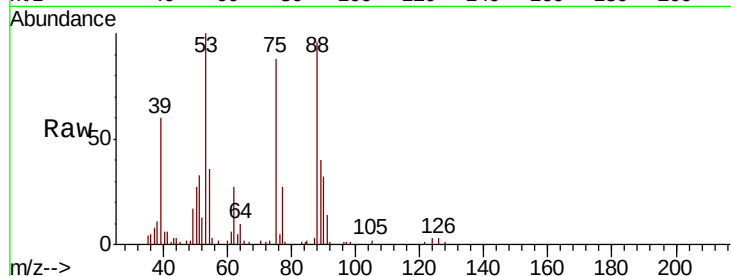
Tgt Ion: 75 Resp: 11116

Ion Ratio Lower Upper

75 100

53 120.1 89.4 134.0

89 44.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 20.324 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012515.D

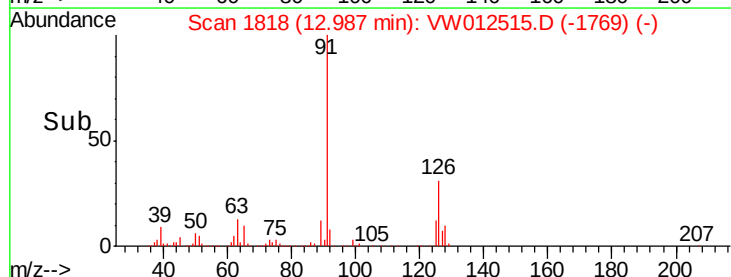
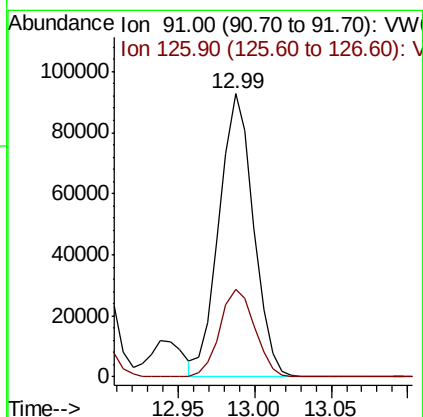
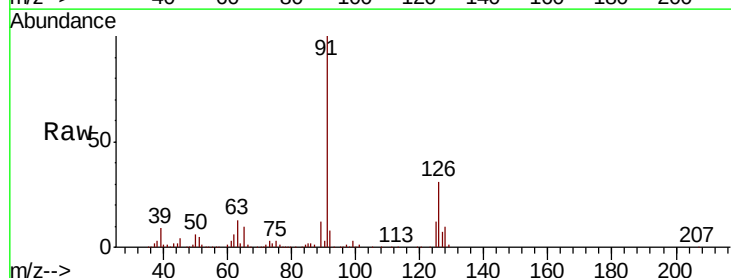
Acq: 02 Sep 2019 23:21

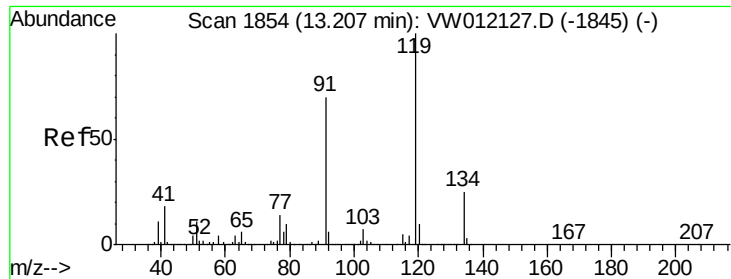
Tgt Ion: 91 Resp: 144543

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.8

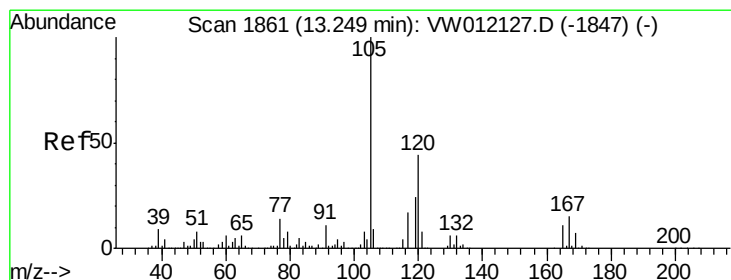
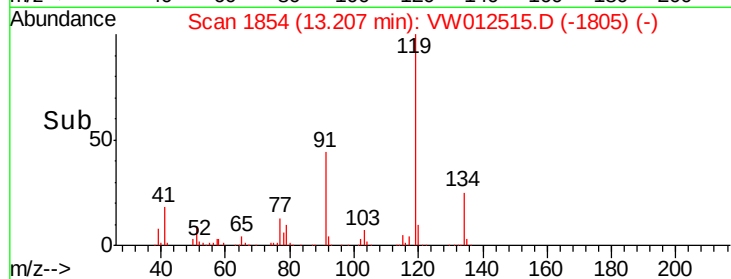
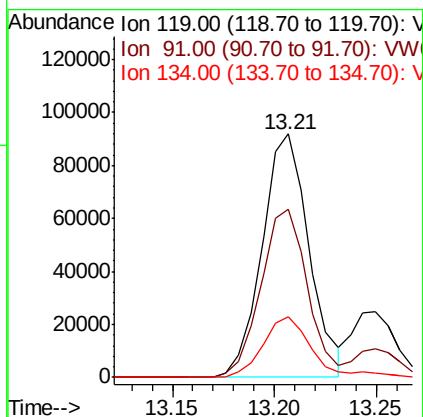
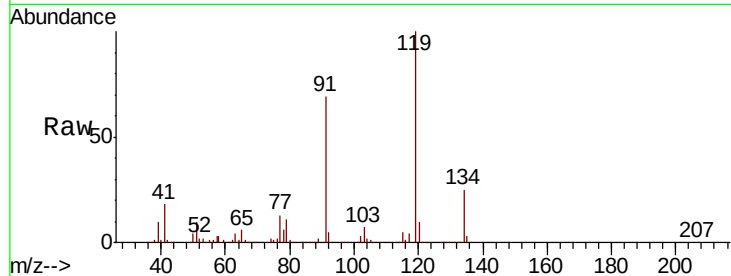




#83
 tert-Butylbenzene
 Concen: 21.220 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

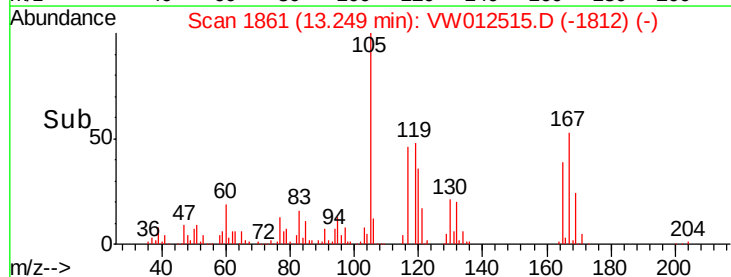
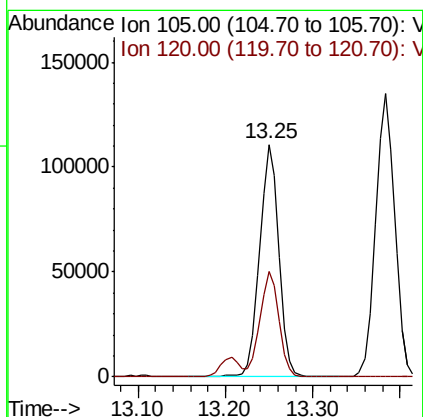
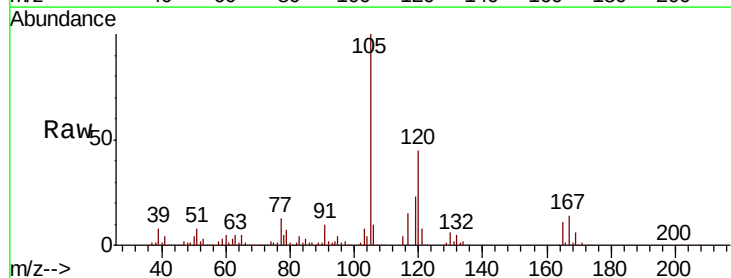
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

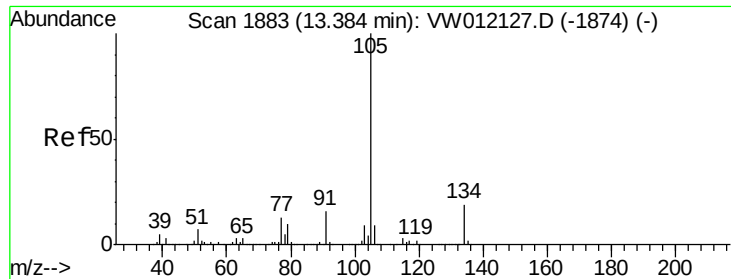
Tgt Ion:119 Resp: 147190
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.8 104.3
 134 26.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.636 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion:105 Resp: 169742
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 20.608 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

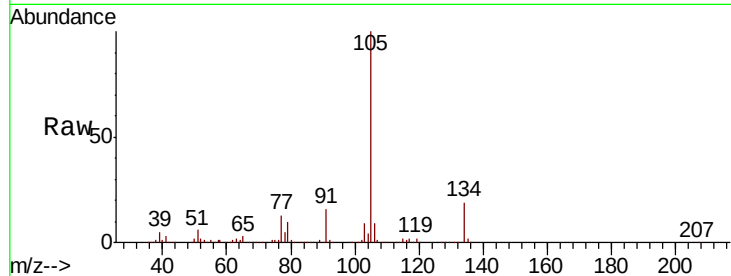
VW0902SBSD02

Tgt Ion:105 Resp: 204788

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

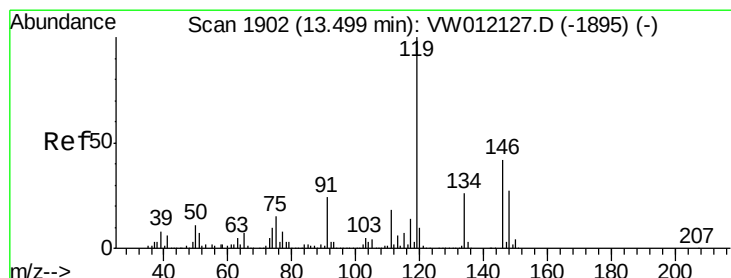
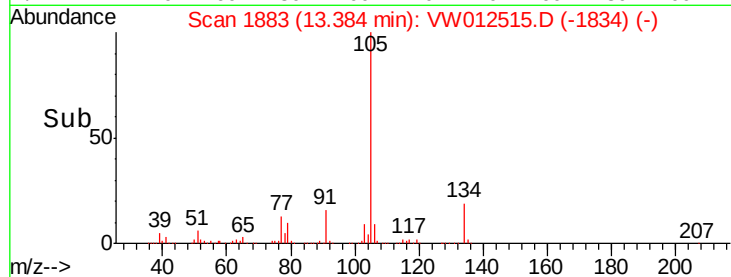
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.634 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

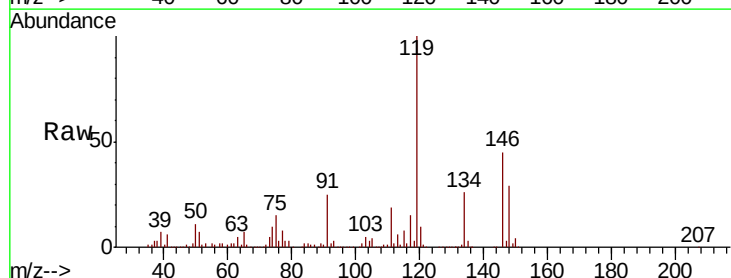
Tgt Ion:119 Resp: 183124

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 24.6 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

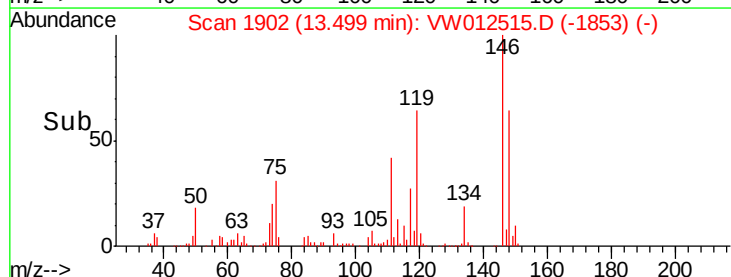
150000

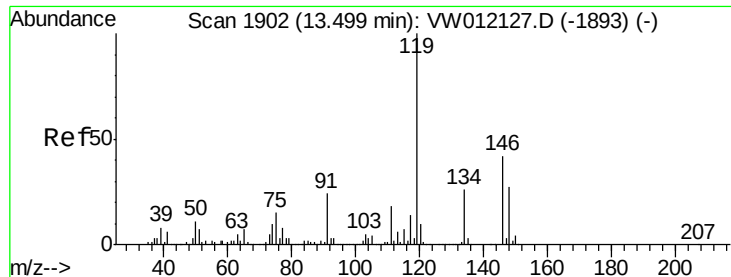
100000

50000

0

Time-->

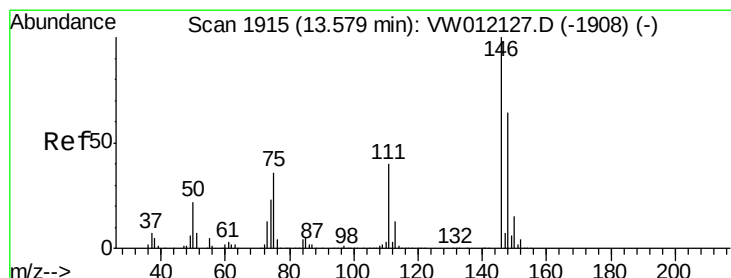
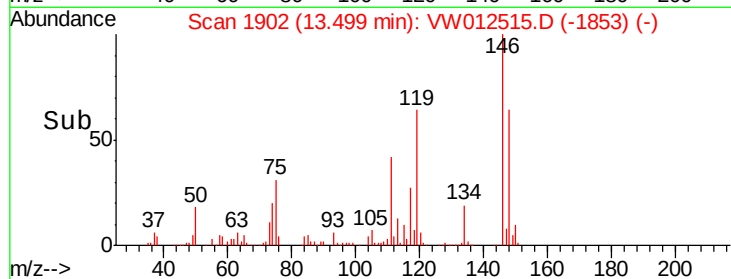
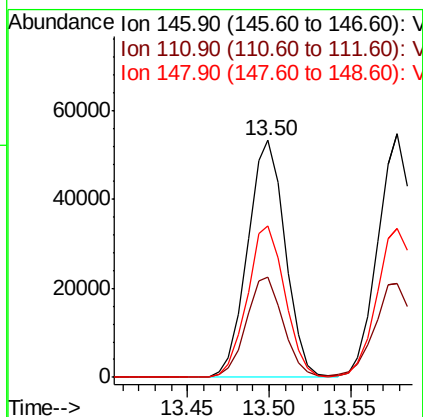
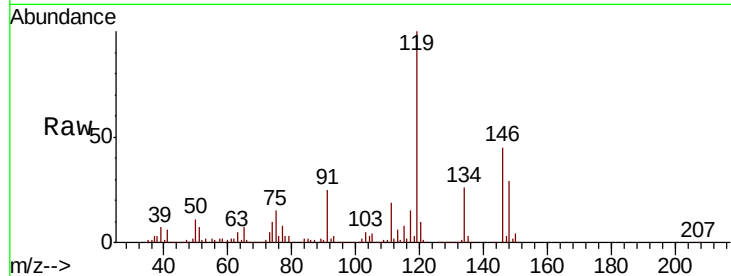




#87
 1,3-Dichlorobenzene
 Concen: 20.661 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

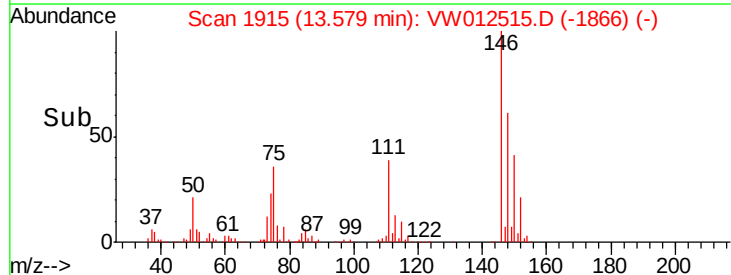
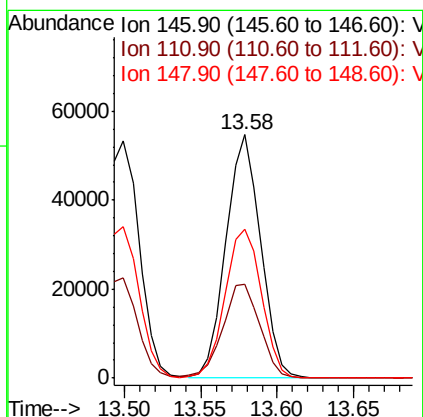
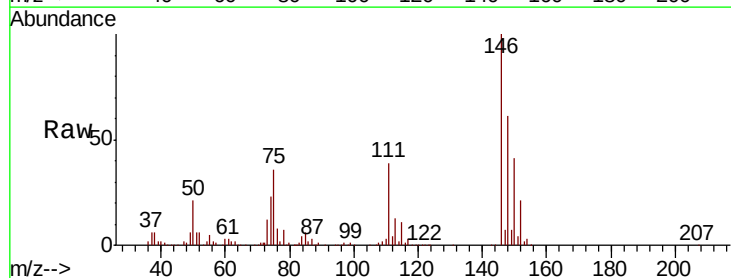
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

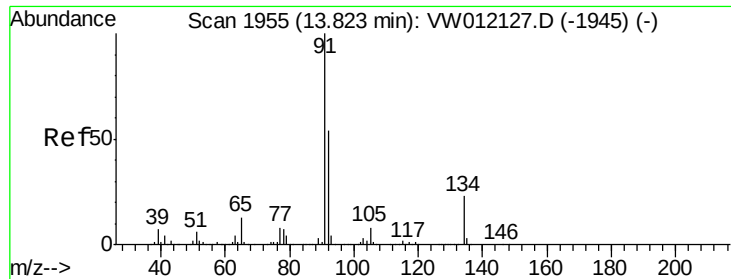
Tgt Ion:146 Resp: 85674
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.860 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion:146 Resp: 85889
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.0 60.0
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 19.543 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012515.D

Acq: 02 Sep 2019 23:21

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD02

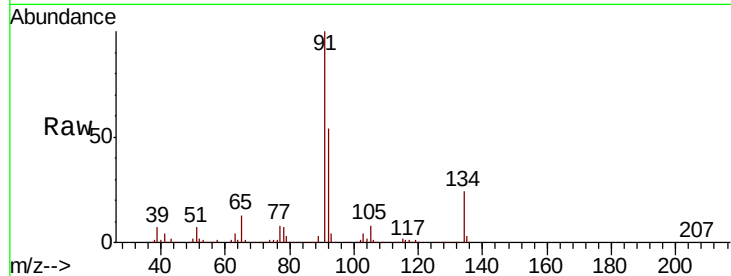
Tgt Ion: 91 Resp: 172473

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

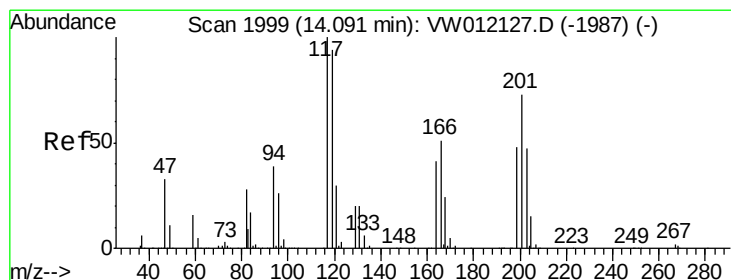
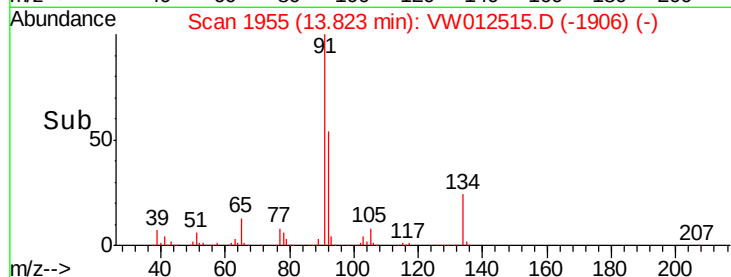
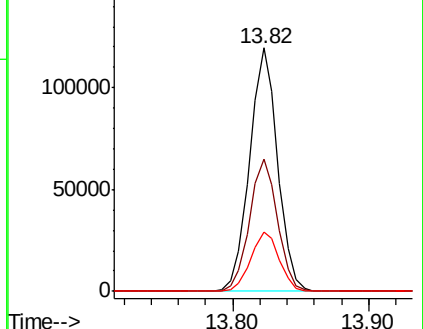
134 24.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 20.107 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012515.D

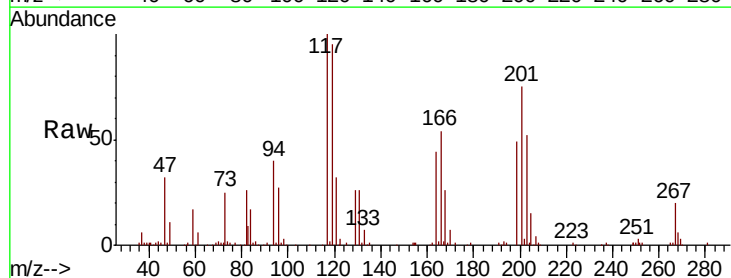
Acq: 02 Sep 2019 23:21

Tgt Ion: 117 Resp: 31307

Ion Ratio Lower Upper

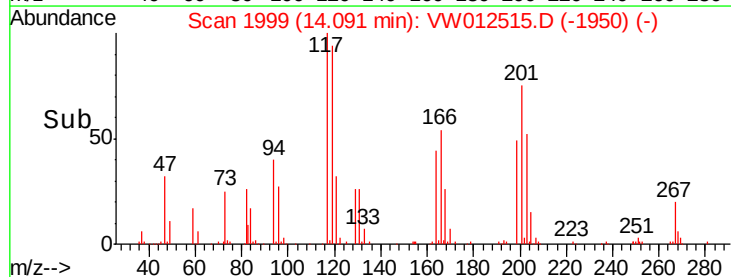
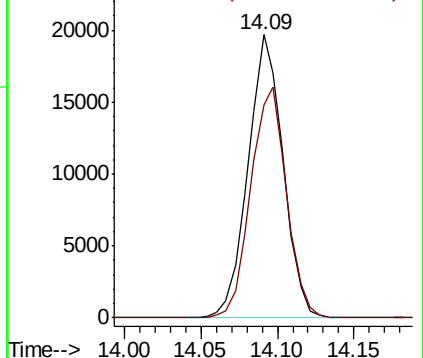
117 100

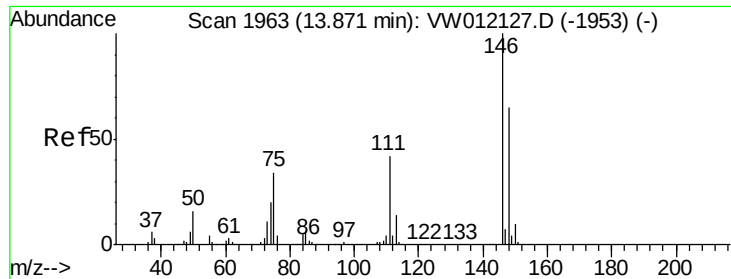
201 83.0 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

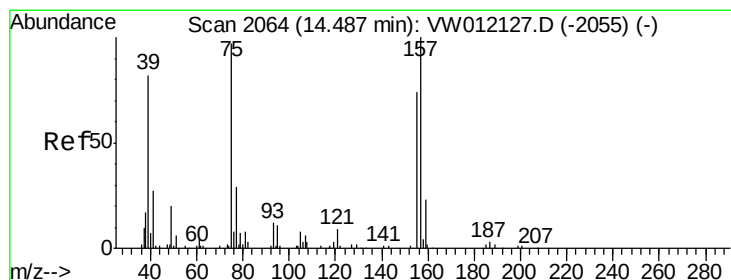
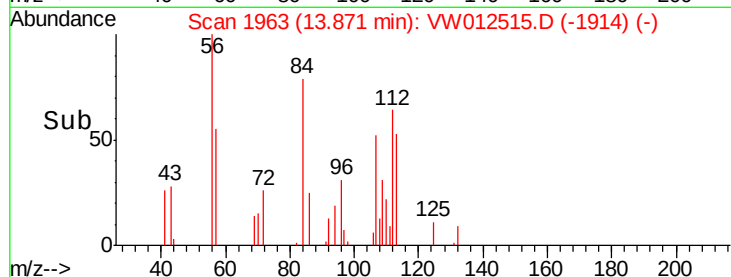
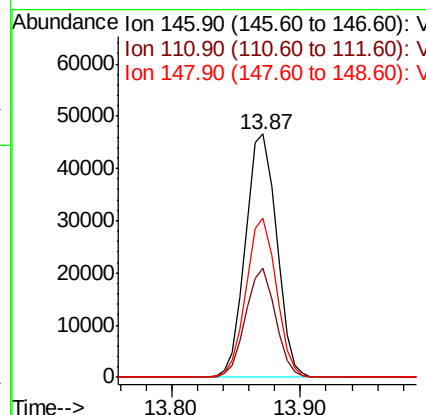
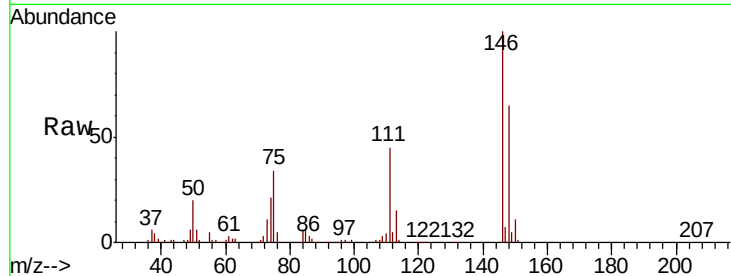




#91
 1,2-Dichlorobenzene
 Concen: 21.459 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

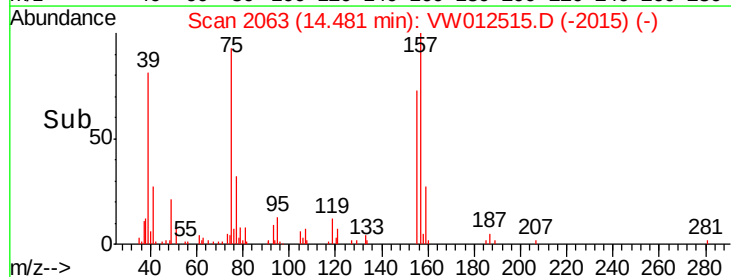
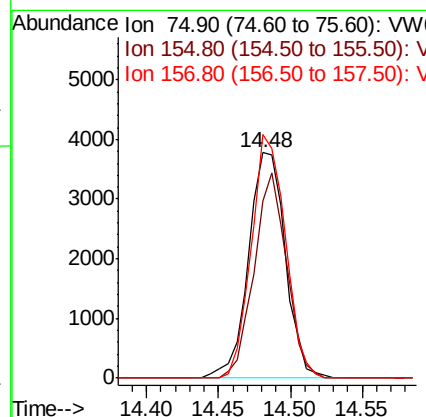
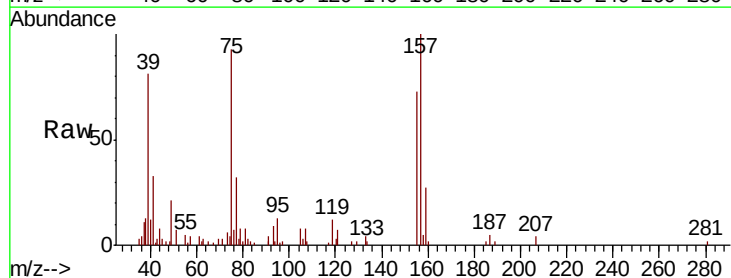
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

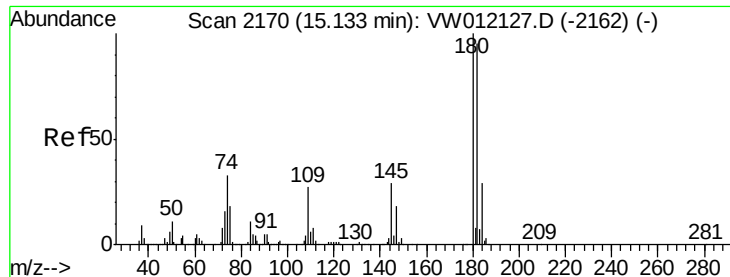
Tgt Ion: 146 Resp: 78061
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.2 63.6
 148 63.5 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.970 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion: 75 Resp: 6654
 Ion Ratio Lower Upper
 75 100
 155 80.3 37.5 112.3
 157 99.7 50.5 151.5

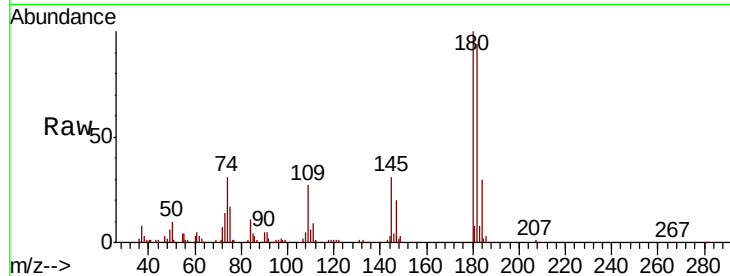




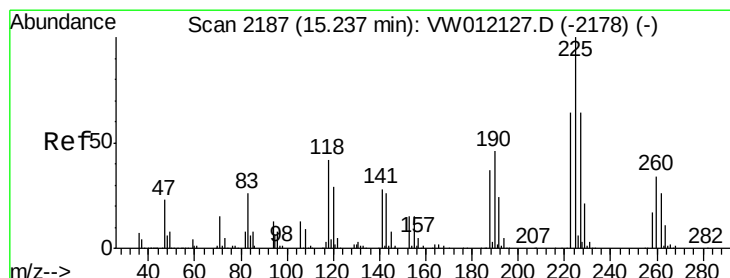
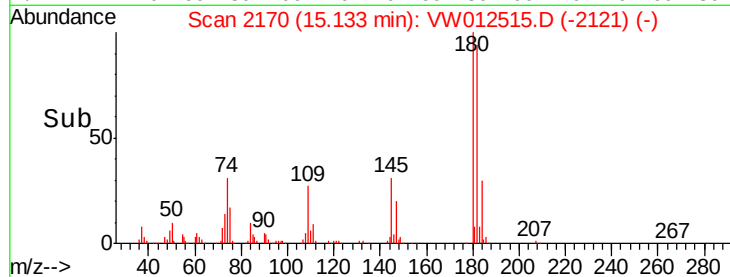
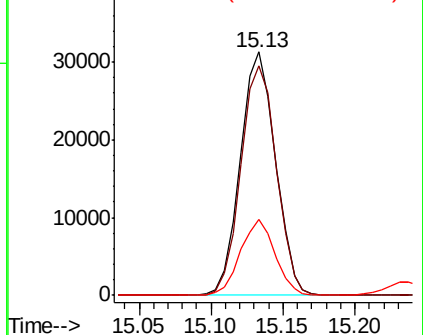
#93
 1,2,4-Trichlorobenzene
 Concen: 21.072 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD02

Tgt Ion:180 Resp: 52974
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.4
 145 30.5 15.0 45.1

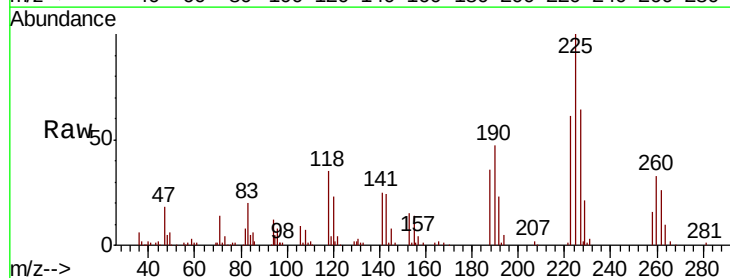


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

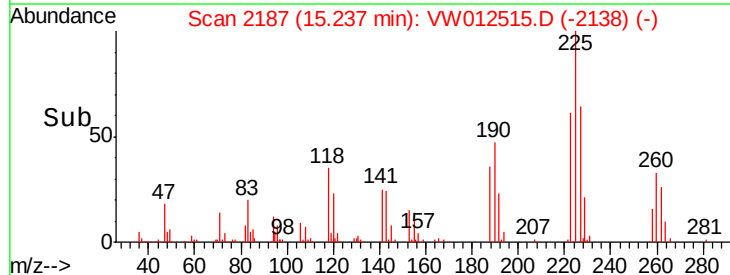
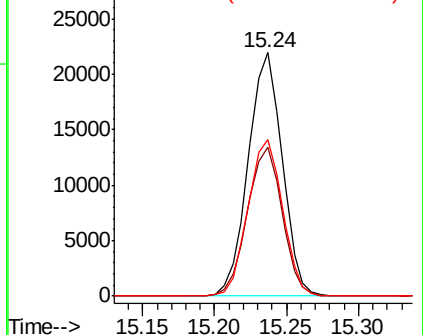


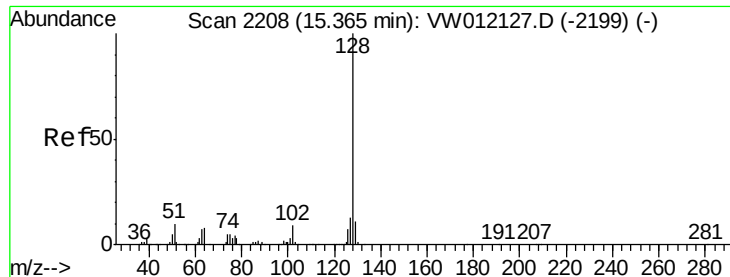
#94
 Hexachlorobutadiene
 Concen: 21.593 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012515.D
 Acq: 02 Sep 2019 23:21

Tgt Ion:225 Resp: 35843
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.3 96.8
 227 65.3 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

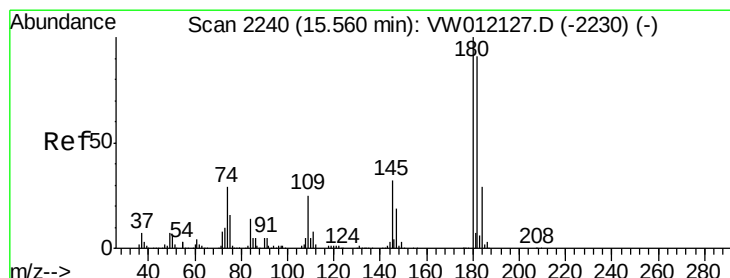
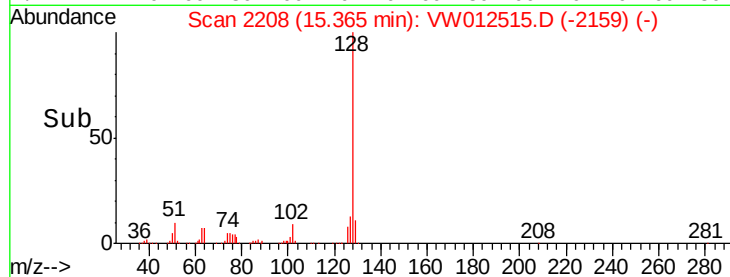
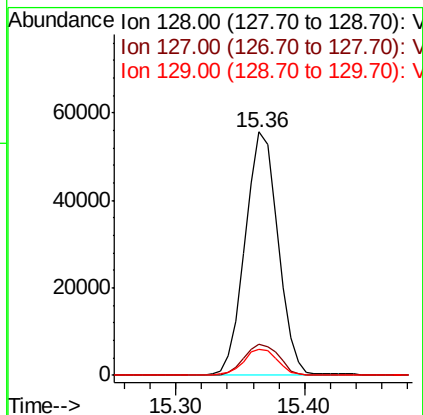
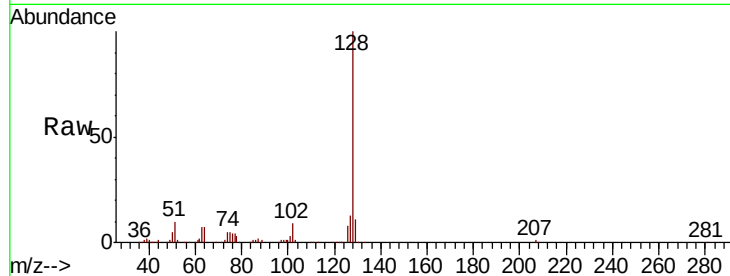




#95
Naphthalene
Concen: 22.531 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD02

Tgt Ion:128 Resp: 98327
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.862 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012515.D
Acq: 02 Sep 2019 23:21

Tgt Ion:180 Resp: 47950
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 31.8 16.2 48.5

