

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
 Data File : VW012562.D
 Acq On : 03 Sep 2019 23:14
 Operator : SY/VA
 Sample : VW0903SBS04
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

Quant Time: Sep 04 06:51:15 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	196319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141309	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	136265	58.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.78%	
35) Dibromofluoromethane	7.88	113	103705	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	
50) Toluene-d8	10.32	98	396895	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.61	95	146738	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19635	16.243	ug/l	98
3) Chloromethane	2.21	50	32917	17.576	ug/l	99
4) Vinyl Chloride	2.35	62	34789	15.177	ug/l	100
5) Bromomethane	2.77	94	19887	17.131	ug/l	87
6) Chloroethane	2.91	64	22587	17.468	ug/l	97
7) Trichlorofluoromethane	3.25	101	21394	18.587	ug/l	94
8) Diethyl Ether	3.68	74	26036	23.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40365	20.632	ug/l	98
10) Methyl Iodide	4.27	142	54837	20.716	ug/l	97
11) Tert butyl alcohol	5.20	59	18273	130.109	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	37764	19.178	ug/l	98
13) Acrolein	3.89	56	10596	80.150	ug/l	96
14) Allyl chloride	4.67	41	85427	20.292	ug/l	97
15) Acrylonitrile	5.37	53	69148	127.694	ug/l	98
16) Acetone	4.13	43	61759	103.526	ug/l	94
17) Carbon Disulfide	4.37	76	89220	14.992	ug/l	97
18) Methyl Acetate	4.67	43	42305	28.632	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	83540	26.234	ug/l	99
20) Methylene Chloride	4.92	84	49958	22.152	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	43737	20.712	ug/l	93
22) Diisopropyl ether	6.31	45	185105	23.722	ug/l	99
23) Vinyl Acetate	6.25	43	554384	115.443	ug/l	99
24) 1,1-Dichloroethane	6.21	63	95067	22.375	ug/l	99
25) 2-Butanone	7.17	43	94846	117.000	ug/l	99
26) 2,2-Dichloropropane	7.16	77	51272	21.320	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	51094	22.647	ug/l	100
28) Bromochloromethane	7.51	49	43022	23.232	ug/l #	94
29) Tetrahydrofuran	7.53	42	61228	125.891	ug/l	98
30) Chloroform	7.67	83	93276	23.996	ug/l	95
31) Cyclohexane	7.95	56	74936	17.827	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	70003	22.765	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66332	20.225	ug/l	99
37) Ethyl Acetate	7.25	43	45223	25.163	ug/l	99
38) Carbon Tetrachloride	8.07	117	61622	21.708	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68568	18.610	ug/l	98
40) Benzene	8.32	78	194093	21.673	ug/l	99
41) Methacrylonitrile	7.48	41	28816	27.280	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70478	25.110	ug/l	100
43) Isopropyl Acetate	8.42	43	81844	24.585	ug/l	99
44) Trichloroethene	9.09	130	47578	21.854	ug/l	96
45) 1,2-Dichloropropane	9.37	63	55120	22.870	ug/l	96
46) Dibromomethane	9.46	93	26191	24.424	ug/l	99
47) Bromodichloromethane	9.64	83	67787	23.751	ug/l	97
48) Methyl methacrylate	9.43	41	38961	24.590	ug/l	95
49) 1,4-Dioxane	9.46	88	8406	512.041	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	215627	127.345	ug/l	100
52) Toluene	10.38	92	117978	21.929	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	69188	23.799	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	78351	22.321	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38128	25.130	ug/l	96
56) Ethyl methacrylate	10.65	69	54261	24.572	ug/l	100
57) 1,3-Dichloropropane	10.93	76	70243	24.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	134688	118.845	ug/l	99
59) 2-Hexanone	10.97	43	146114	121.957	ug/l	99
60) Dibromochloromethane	11.13	129	41445	24.524	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35399	25.043	ug/l	97
64) Tetrachloroethene	10.86	164	40425	21.923	ug/l	99
65) Chlorobenzene	11.66	112	125147	22.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	46132	23.612	ug/l	100
67) Ethyl Benzene	11.73	91	230760	21.390	ug/l	100
68) m/p-Xylenes	11.84	106	167653	43.142	ug/l	99
69) o-Xylene	12.16	106	78732	21.890	ug/l	98
70) Styrene	12.18	104	140276	22.533	ug/l	99
71) Bromoform	12.35	173	23587	24.231	ug/l #	98
73) Isopropylbenzene	12.46	105	221795	20.947	ug/l	100
74) N-amyl acetate	12.27	43	74656	23.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46015	23.705	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	59205	43.019	ug/l #	100
77) Bromobenzene	12.74	156	50955	22.244	ug/l	99
78) n-propylbenzene	12.80	91	264962	20.498	ug/l	98
79) 2-Chlorotoluene	12.89	91	159441	21.725	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	190324	21.511	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13621	21.700	ug/l	95
82) 4-Chlorotoluene	12.99	91	166006	21.603	ug/l	100
83) tert-Butylbenzene	13.21	119	163998	21.882	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	192551	21.665	ug/l	99
85) sec-Butylbenzene	13.38	105	226634	21.107	ug/l	100
86) p-Isopropyltoluene	13.50	119	204673	21.344	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	99022	22.100	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99021	22.258	ug/l	99
89) n-Butylbenzene	13.82	91	193069	20.246	ug/l	100
90) Hexachloroethane	14.09	117	35860	21.315	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	89670	22.813	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8017	24.498	ug/l	95

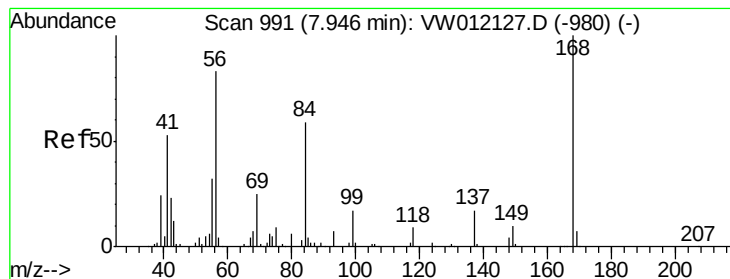
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60656	22.330	ug/l	98
94) Hexachlorobutadiene	15.24	225	39633	22.097	ug/l	99
95) Naphthalene	15.36	128	111834	23.489	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	52832	22.293	ug/l	96

(#) = 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: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

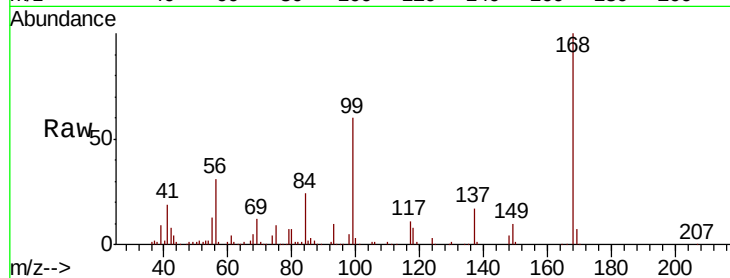
VW0903SBS04

Tgt Ion:168 Resp: 196319

Ion Ratio Lower Upper

168 100

99 60.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

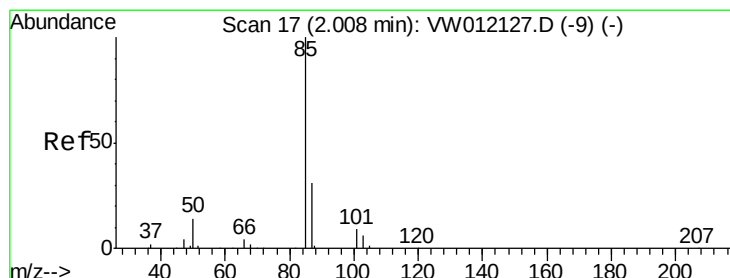
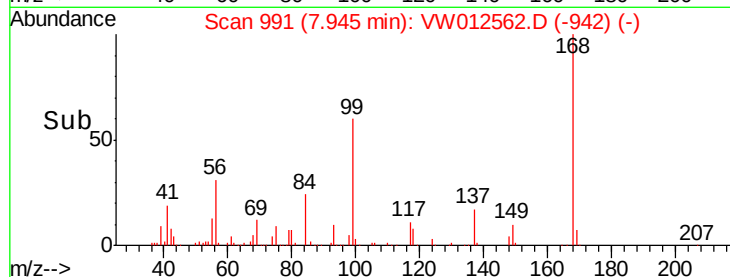
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 16.243 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012562.D

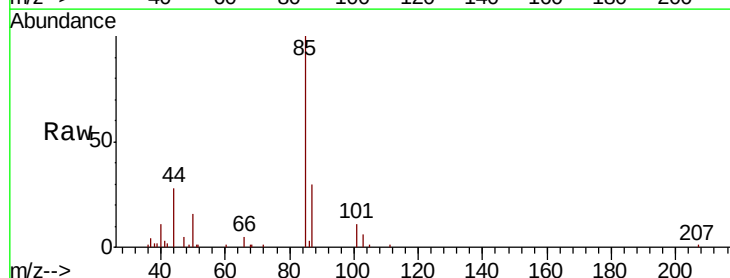
Acq: 03 Sep 2019 23:14

Tgt Ion: 85 Resp: 19635

Ion Ratio Lower Upper

85 100

87 29.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

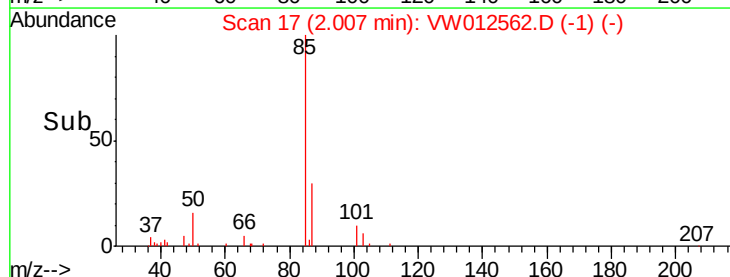
6000

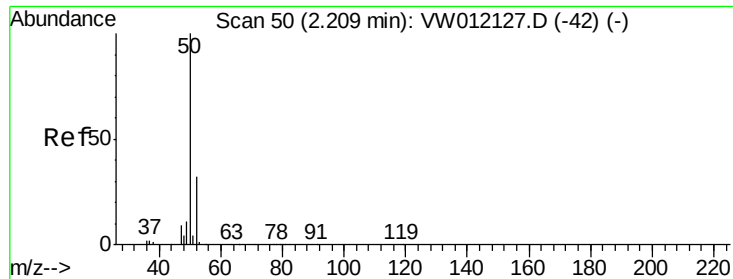
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 17.576 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

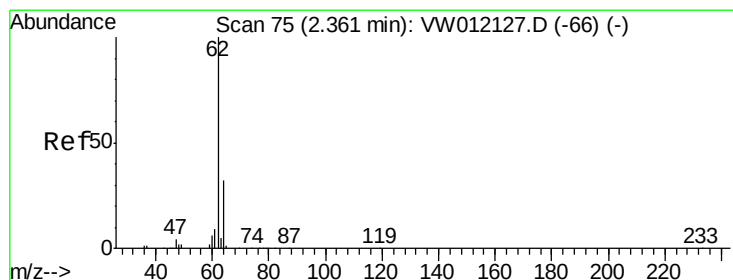
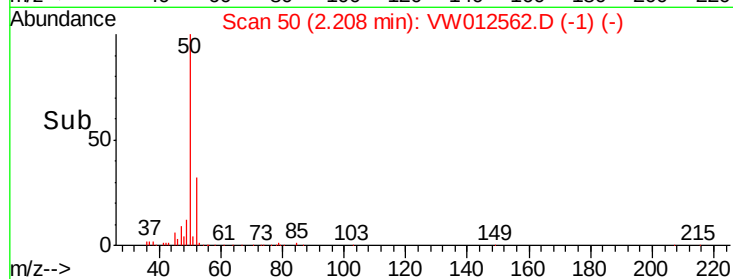
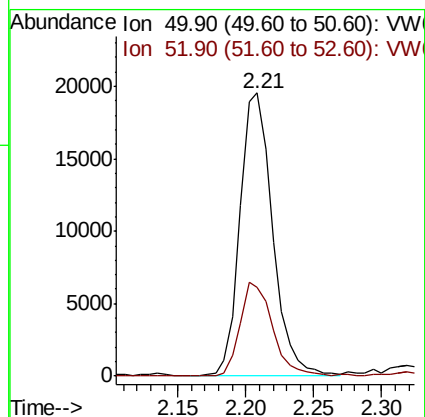
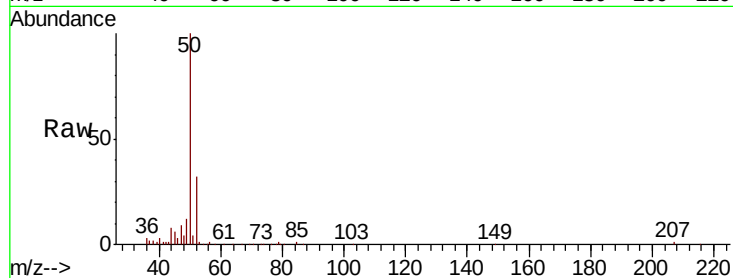
VW0903SBS04

Tgt Ion: 50 Resp: 32917

Ion Ratio Lower Upper

50 100

52 31.6 25.5 38.3



#4

Vinyl Chloride

Concen: 15.177 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012562.D

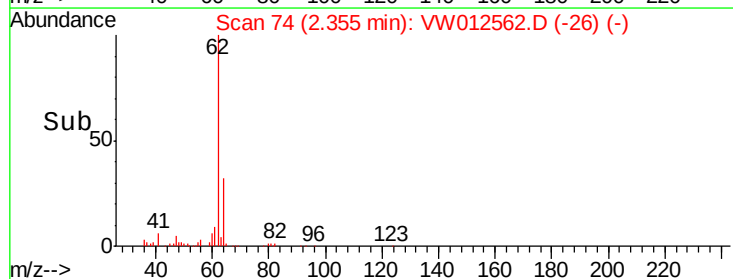
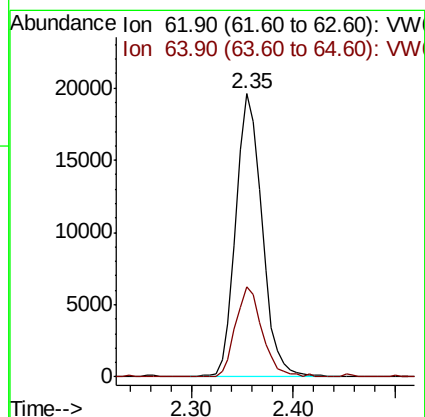
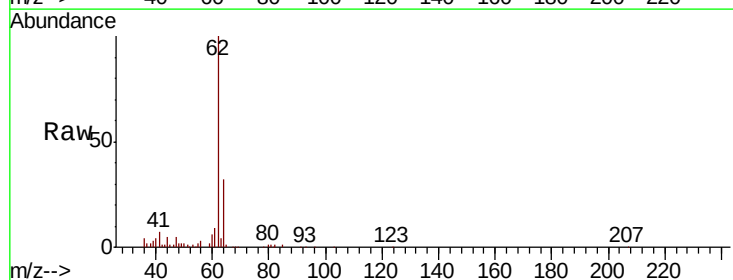
Acq: 03 Sep 2019 23:14

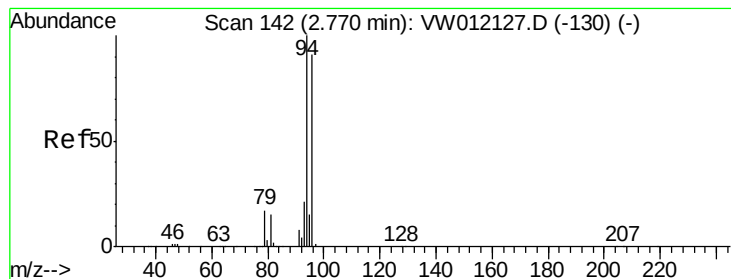
Tgt Ion: 62 Resp: 34789

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 17.131 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

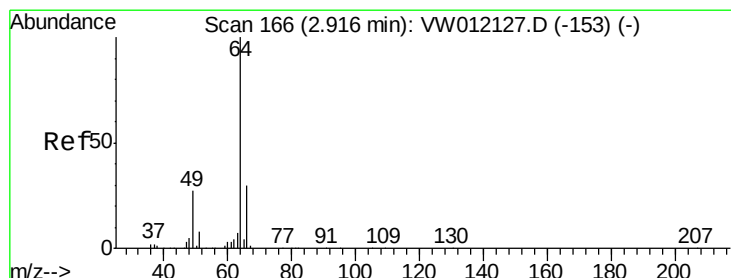
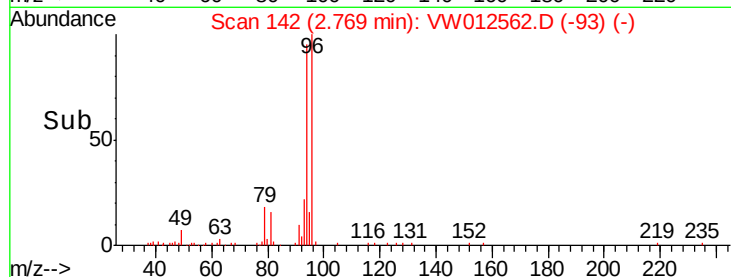
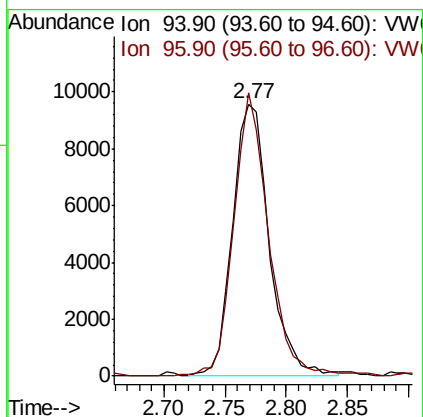
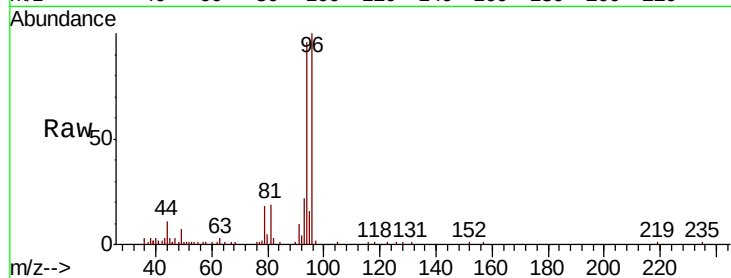
VW0903SBS04

Tgt Ion: 94 Resp: 19887

Ion Ratio Lower Upper

94 100

96 103.4 72.9 109.3



#6

Chloroethane

Concen: 17.468 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW012562.D

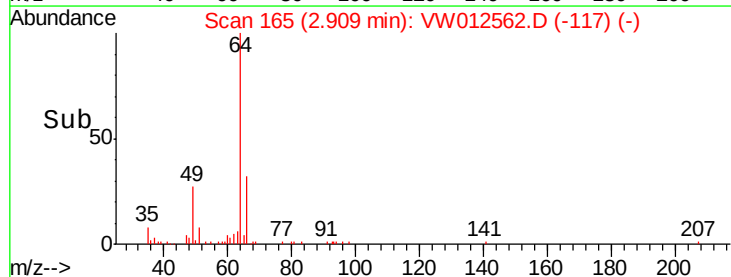
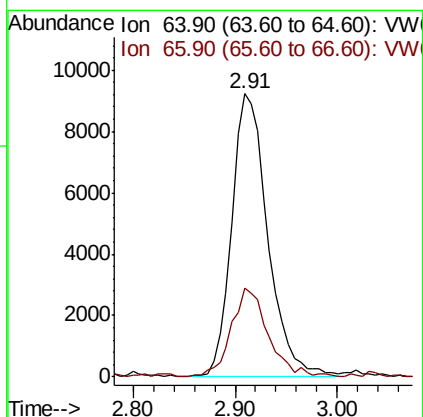
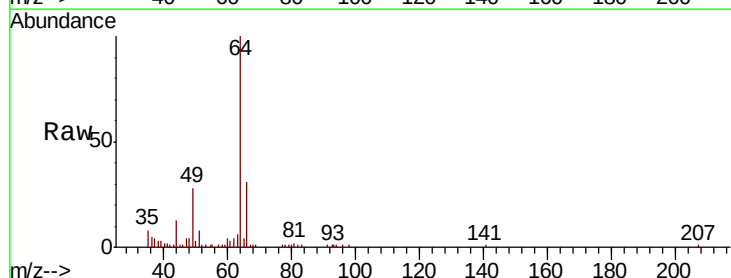
Acq: 03 Sep 2019 23:14

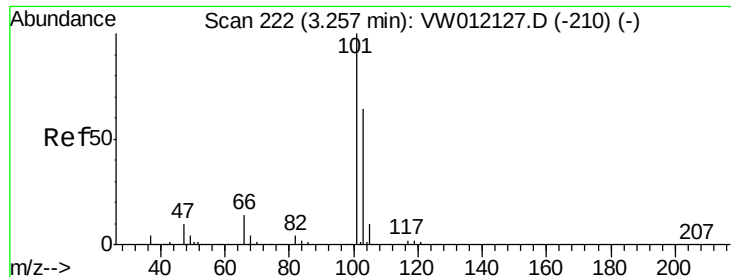
Tgt Ion: 64 Resp: 22587

Ion Ratio Lower Upper

64 100

66 31.3 23.8 35.8



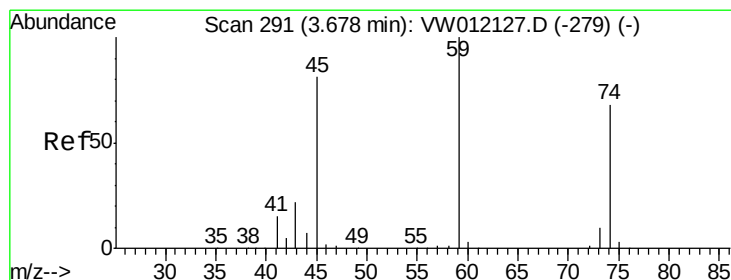
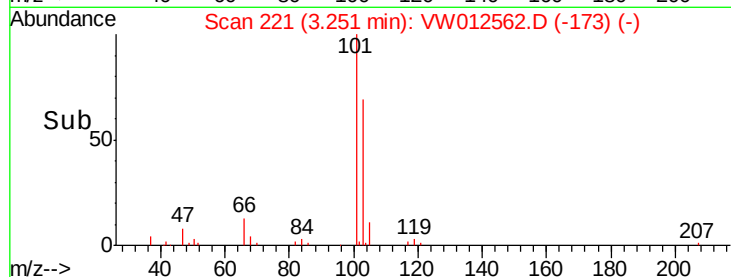
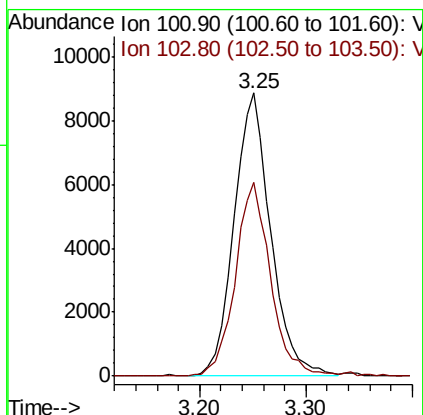
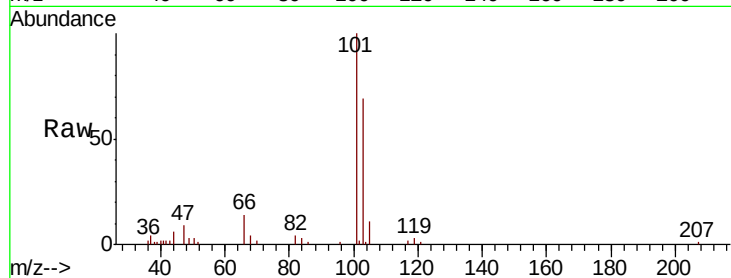


#7

Trichlorofluoromethane
 Concen: 18.587 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012562.D
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 VW0903SBS04

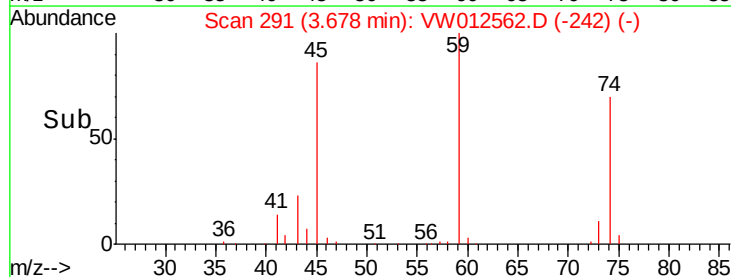
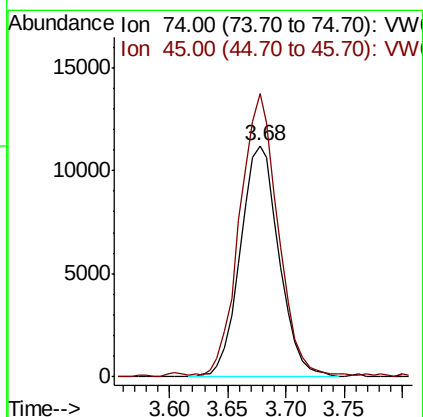
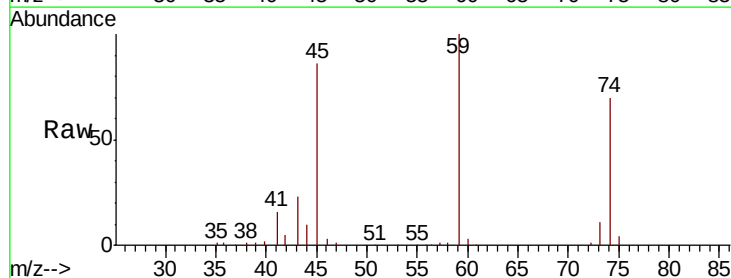
Tgt Ion:101 Resp: 21394
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.2 76.8

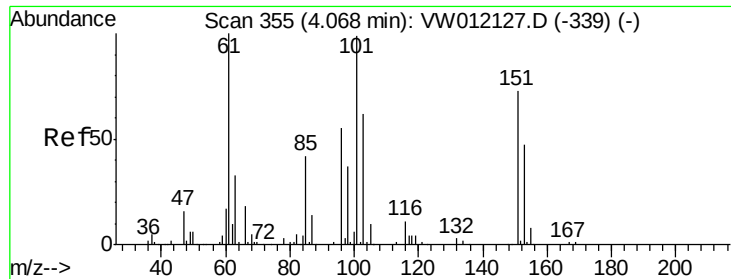


#8

Diethyl Ether
 Concen: 23.831 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion: 74 Resp: 26036
 Ion Ratio Lower Upper
 74 100
 45 118.9 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.632 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

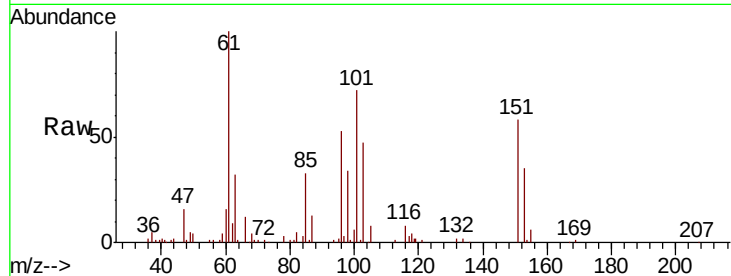
Tgt Ion:101 Resp: 40365

Ion Ratio Lower Upper

101 100

85 45.5 35.8 53.6

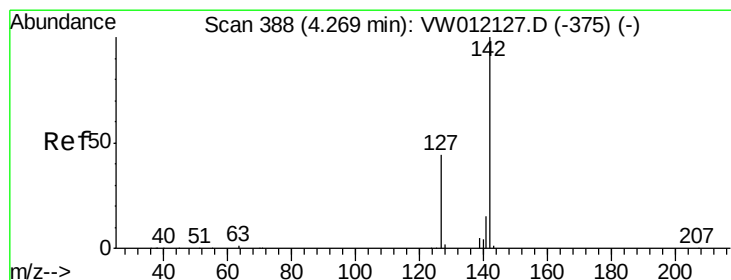
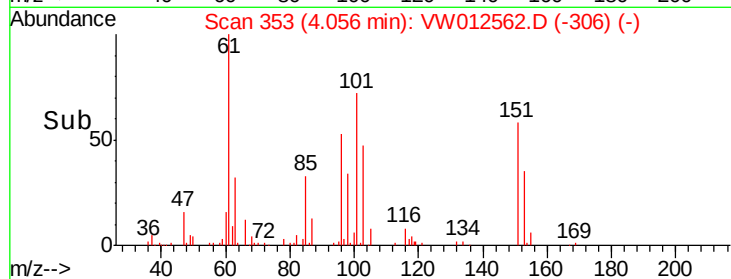
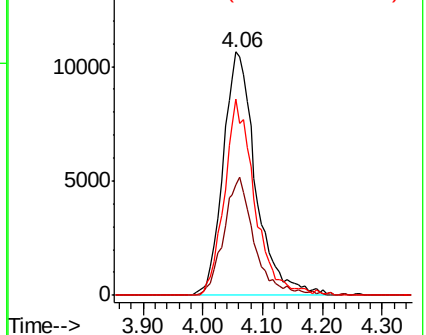
151 74.7 58.6 87.8



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: 20.716 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

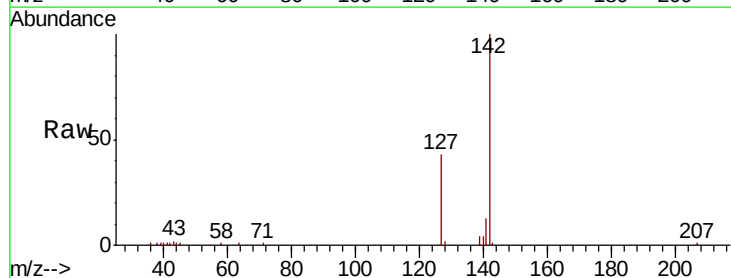
Tgt Ion:142 Resp: 54837

Ion Ratio Lower Upper

142 100

127 46.3 35.5 53.3

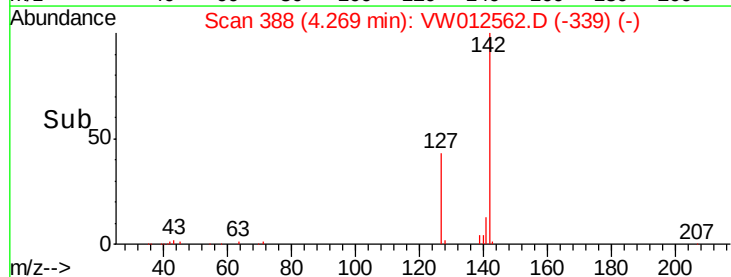
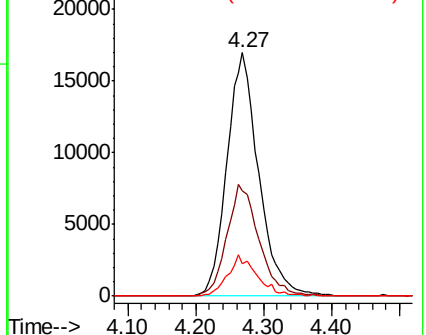
141 15.7 11.8 17.8

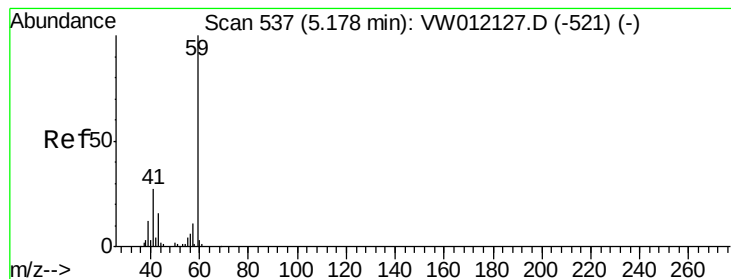


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 130.109 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

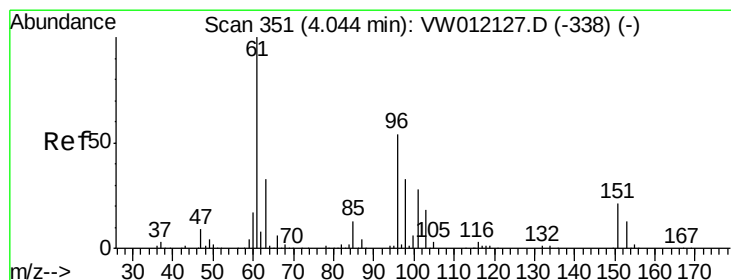
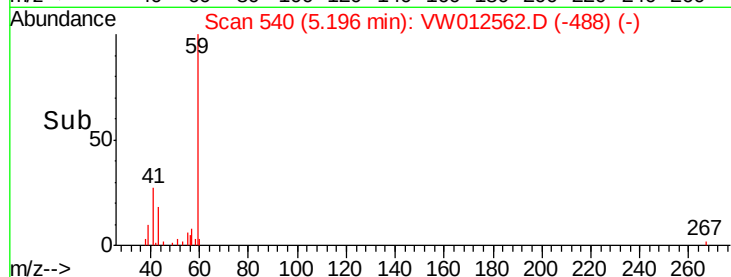
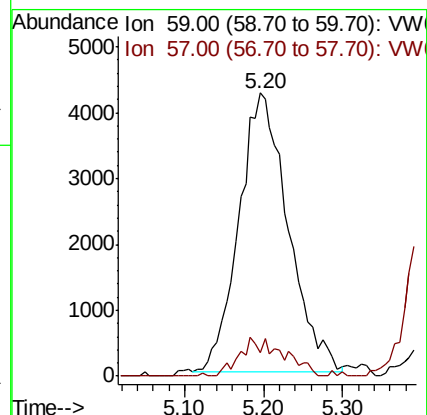
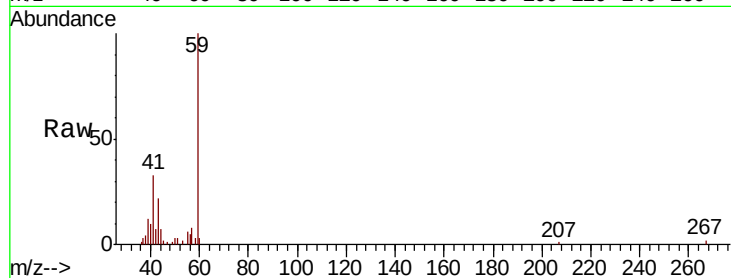
VW0903SBS04

Tgt Ion: 59 Resp: 18273

Ion Ratio Lower Upper

59 100

57 5.6 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 19.178 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

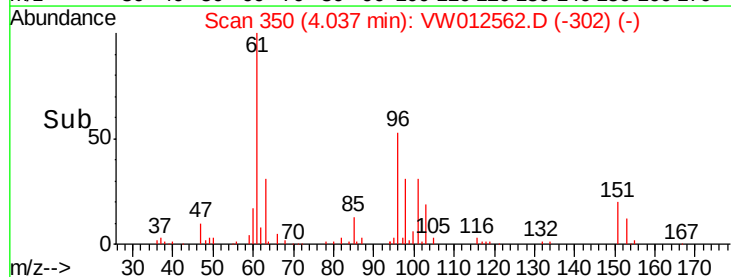
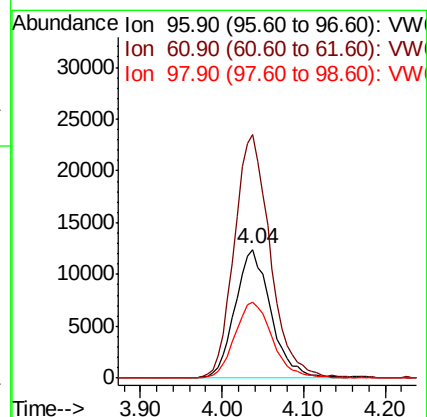
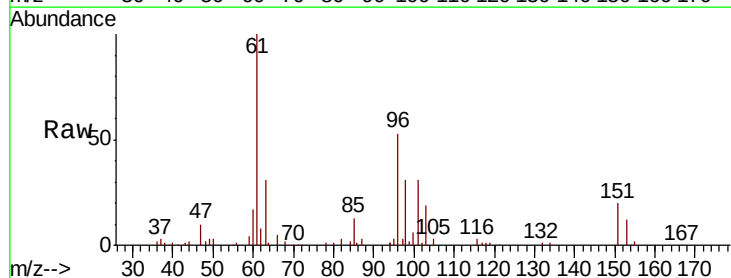
Tgt Ion: 96 Resp: 37764

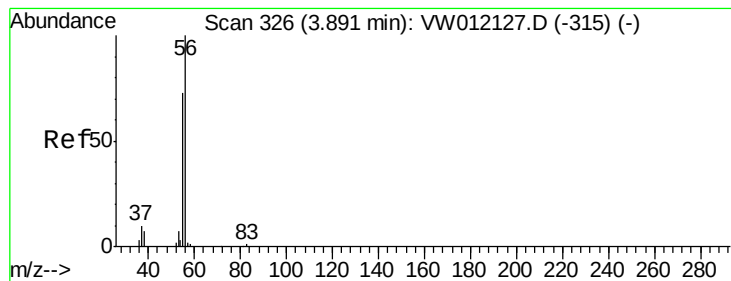
Ion Ratio Lower Upper

96 100

61 189.5 149.1 223.7

98 59.4 49.4 74.2





#13

Acrolein

Concen: 80.150 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

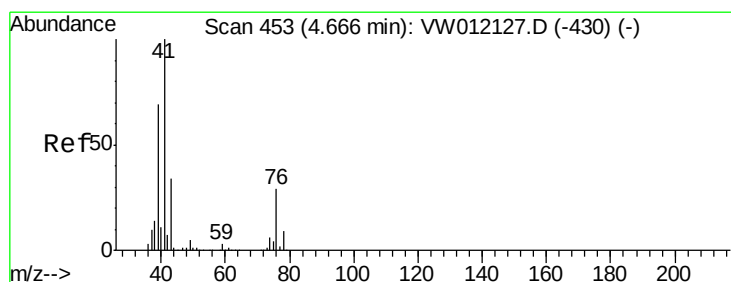
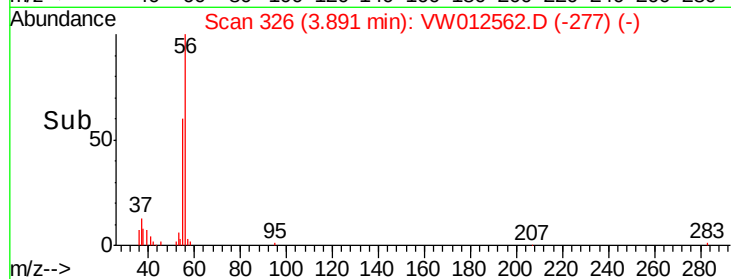
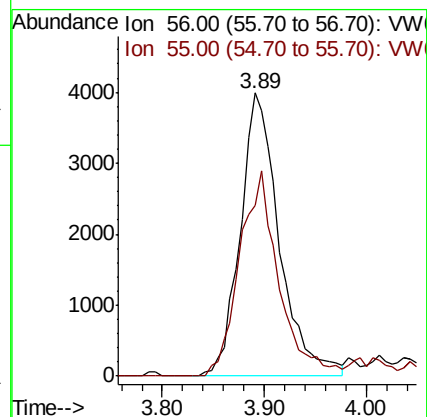
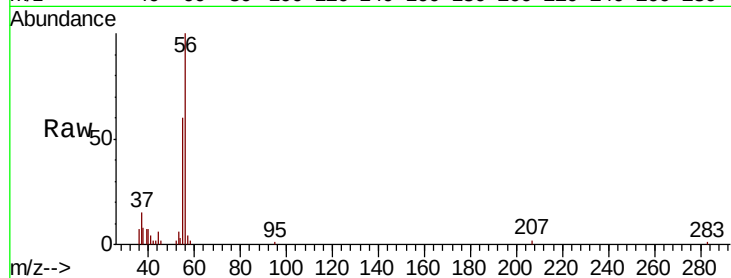
VW0903SBS04

Tgt Ion: 56 Resp: 10596

Ion Ratio Lower Upper

56 100

55 72.7 55.8 83.8



#14

Allyl chloride

Concen: 20.292 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

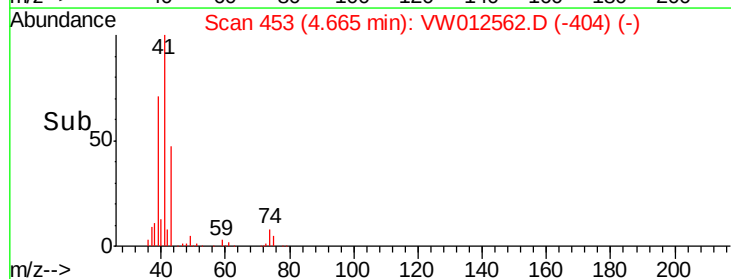
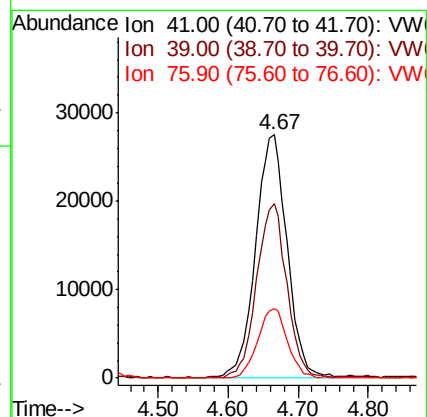
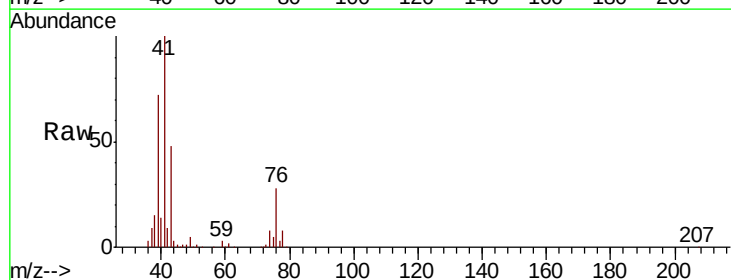
Tgt Ion: 41 Resp: 85427

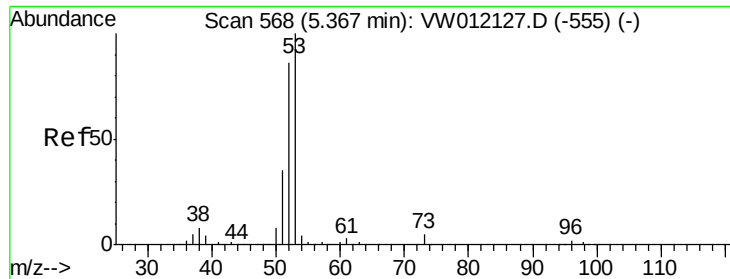
Ion Ratio Lower Upper

41 100

39 69.5 53.4 80.2

76 27.1 22.1 33.1

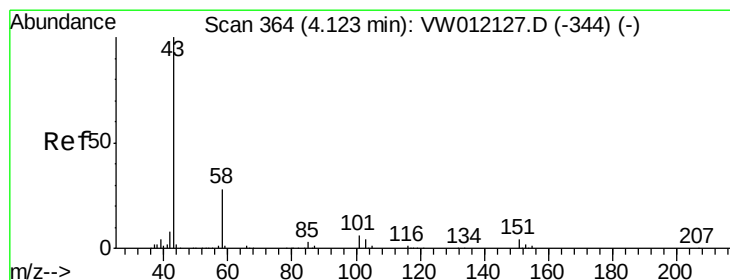
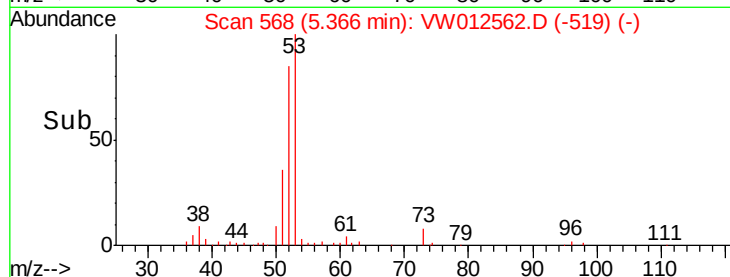
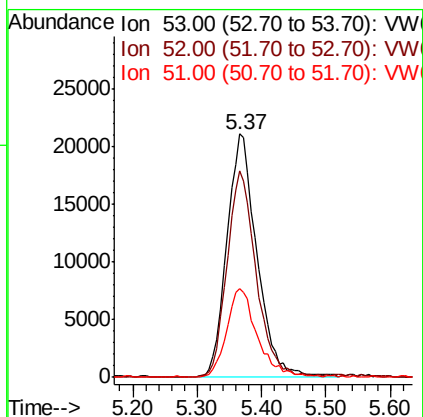
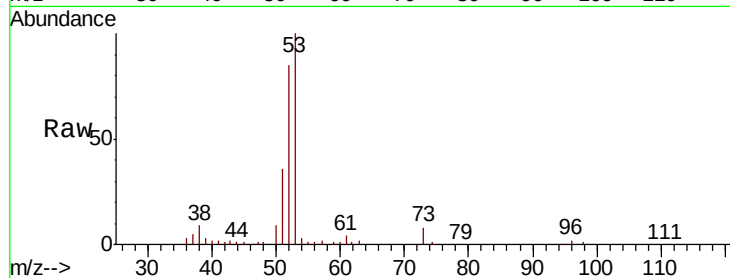




#15
 Acrylonitrile
 Concen: 127.694 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

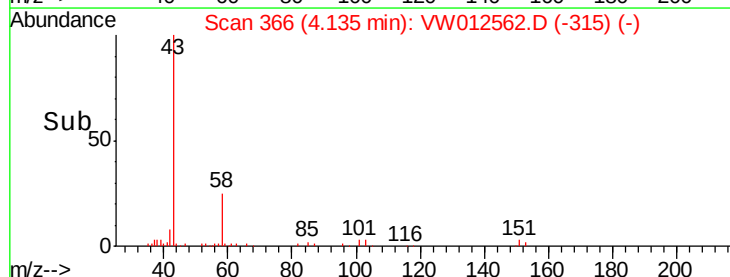
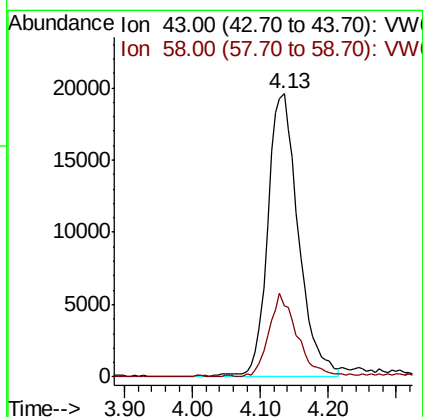
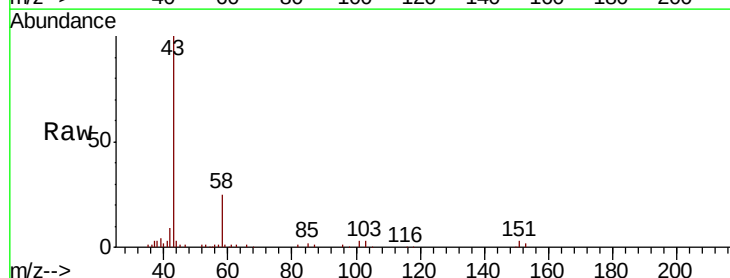
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

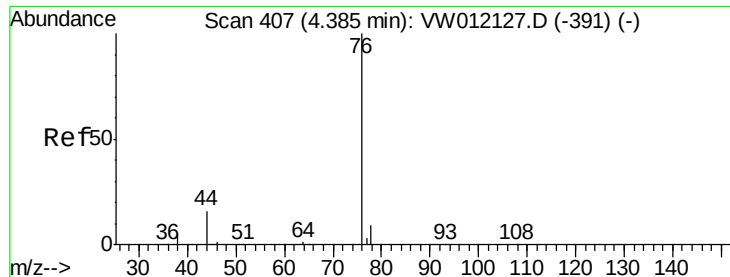
Tgt Ion: 53 Resp: 69148
 Ion Ratio Lower Upper
 53 100
 52 81.6 66.7 100.1
 51 37.1 30.1 45.1



#16
 Acetone
 Concen: 103.526 ug/l
 RT: 4.13 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion: 43 Resp: 61759
 Ion Ratio Lower Upper
 43 100
 58 24.9 22.4 33.6

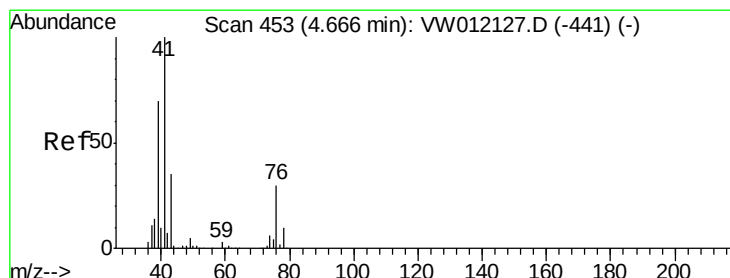
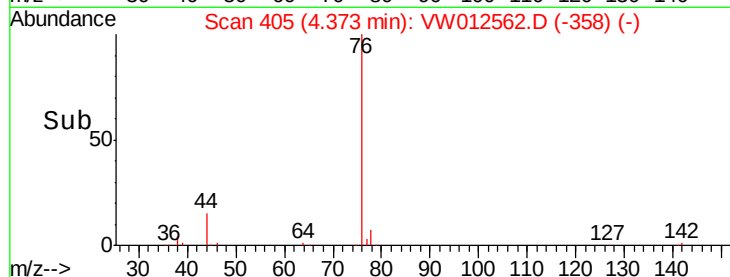
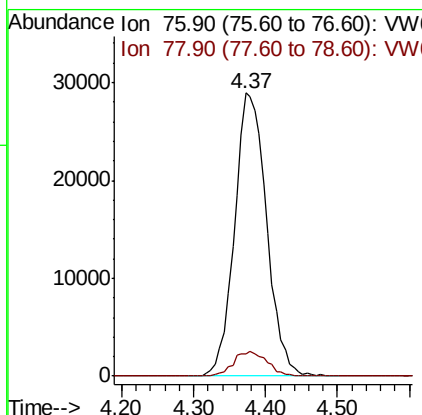
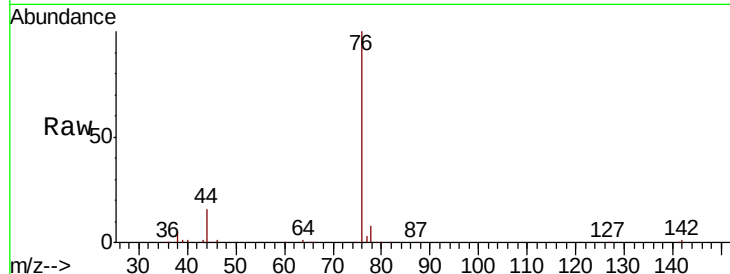




#17
Carbon Disulfide
Concen: 14.992 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

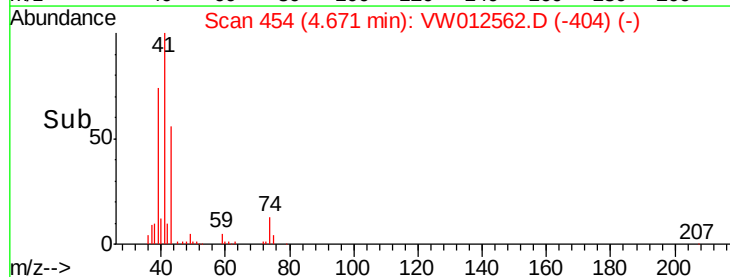
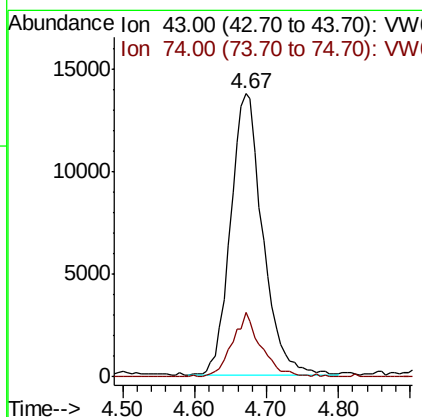
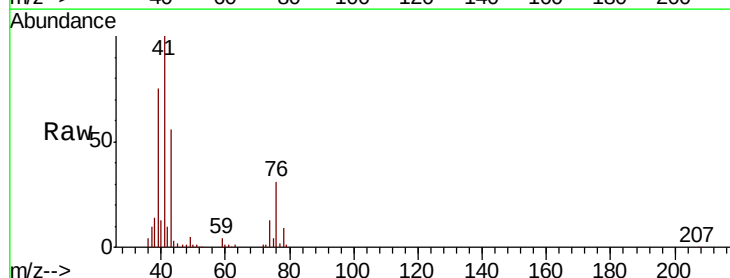
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

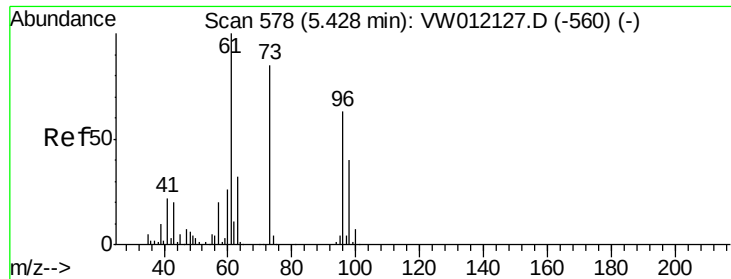
Tgt Ion: 76 Resp: 89220
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#18
Methyl Acetate
Concen: 28.632 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion: 43 Resp: 42305
Ion Ratio Lower Upper
43 100
74 20.3 15.7 23.5





#19

Methyl tert-butyl Ether

Concen: 26.234 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

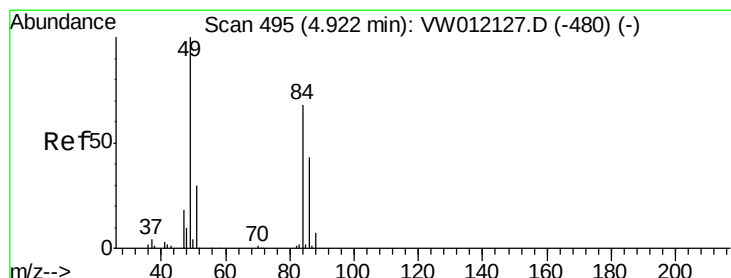
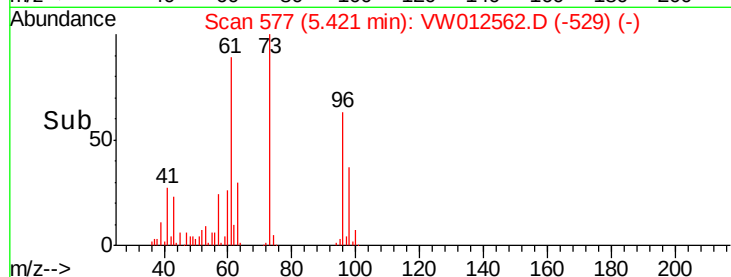
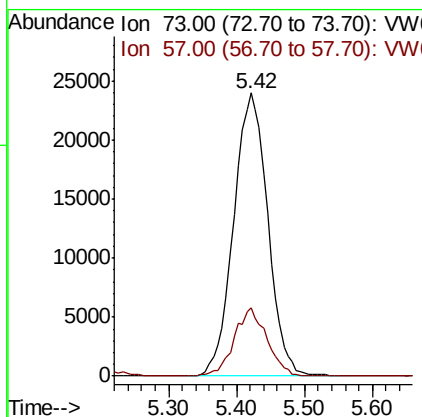
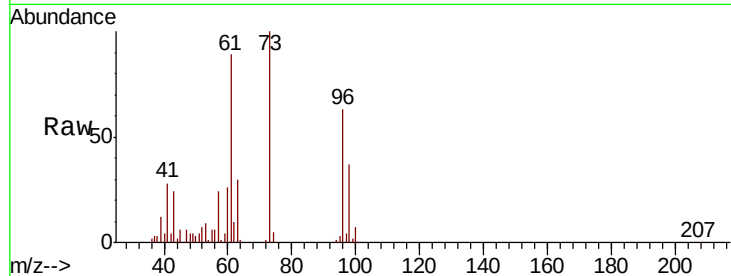
VW0903SBS04

Tgt Ion: 73 Resp: 83540

Ion Ratio Lower Upper

73 100

57 24.3 18.9 28.3



#20

Methylene Chloride

Concen: 22.152 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Tgt Ion: 84 Resp: 49958

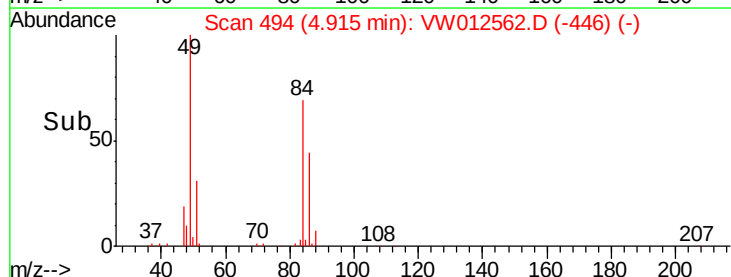
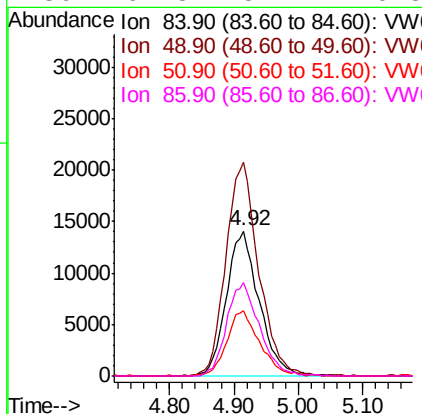
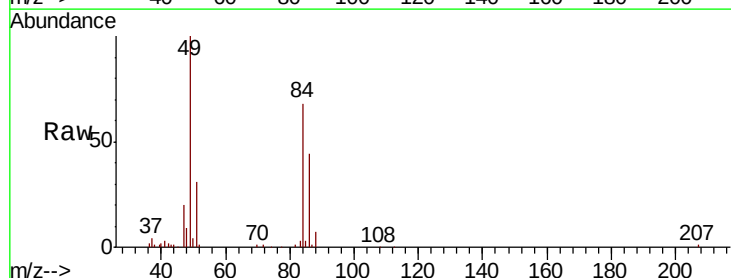
Ion Ratio Lower Upper

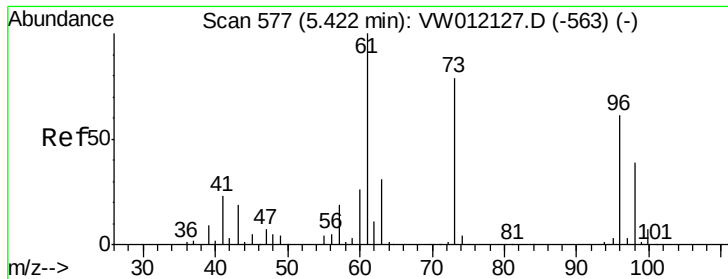
84 100

49 147.2 117.8 176.8

51 45.0 35.6 53.4

86 64.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.712 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

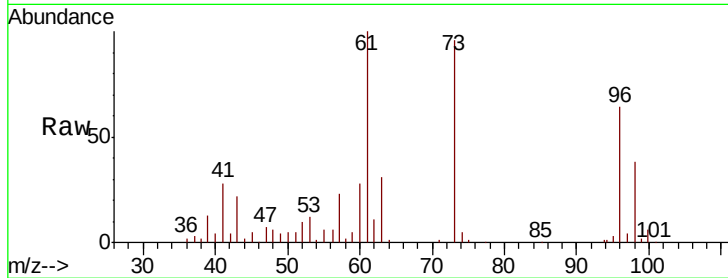
Tgt Ion: 96 Resp: 43737

Ion Ratio Lower Upper

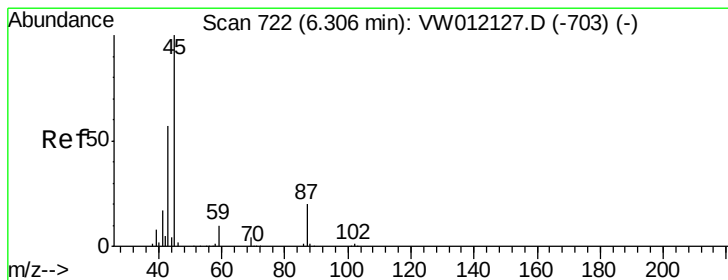
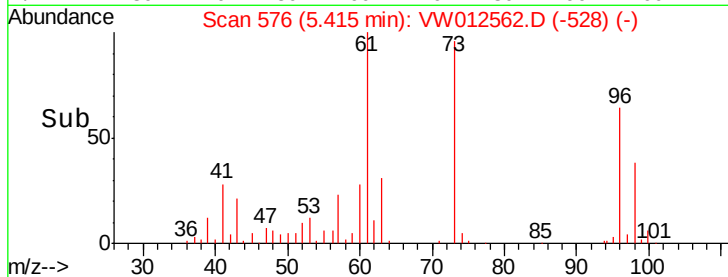
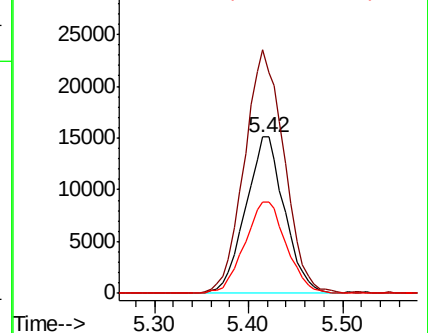
96 100

61 155.3 131.4 197.0

98 58.5 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: 23.722 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Tgt Ion: 45 Resp: 185105

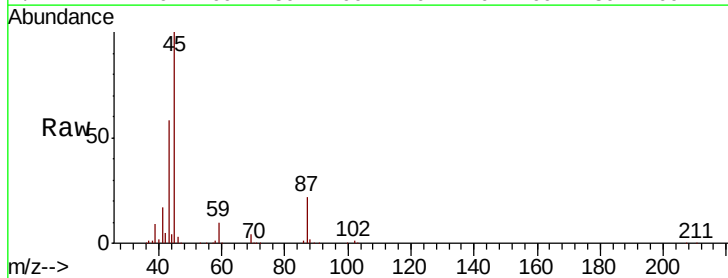
Ion Ratio Lower Upper

45 100

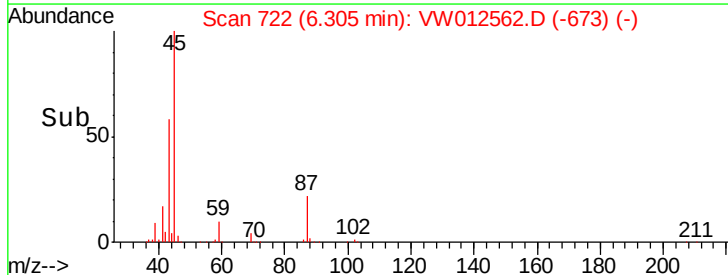
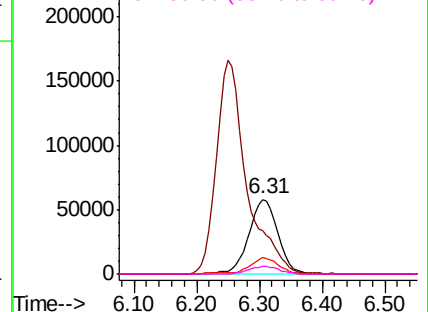
43 57.0 45.5 68.3

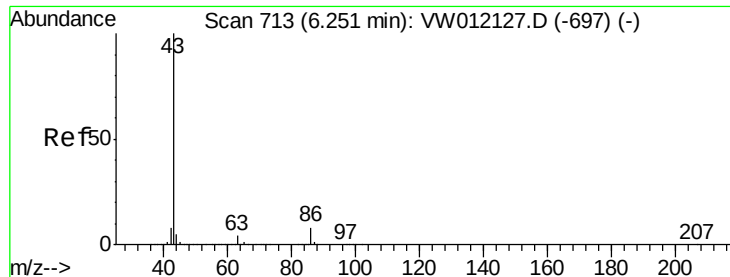
87 21.8 16.1 24.1

59 9.6 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: 115.443 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

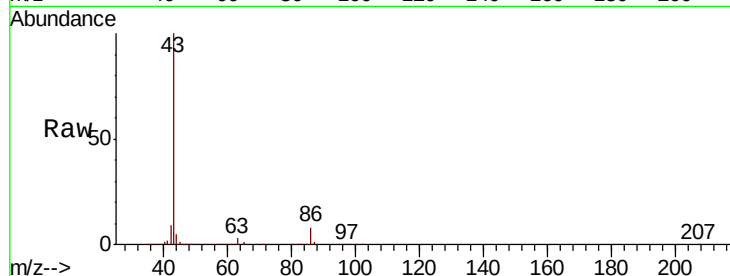
VW0903SBS04

Tgt Ion: 43 Resp: 554384

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

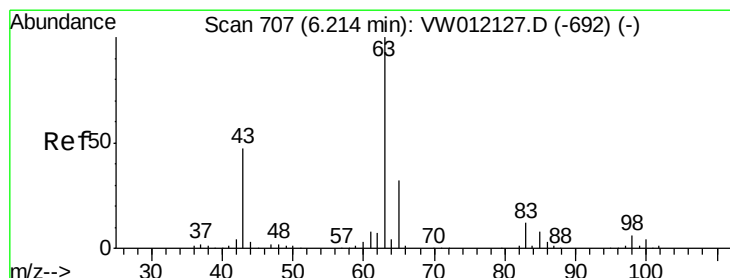
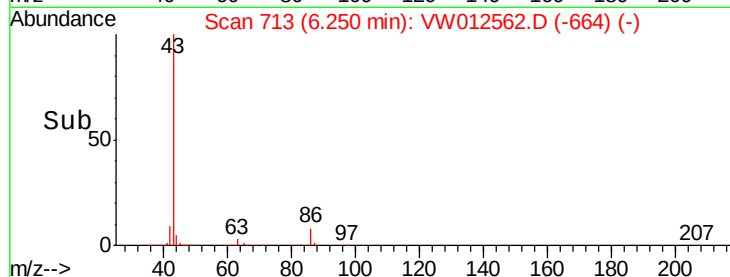
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.375 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

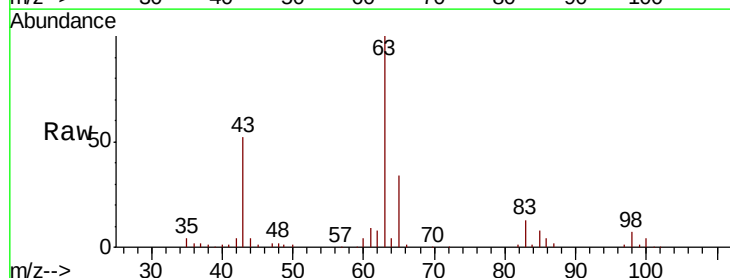
Tgt Ion: 63 Resp: 95067

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

40000

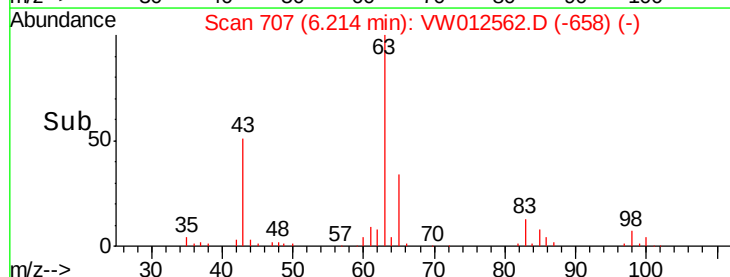
30000

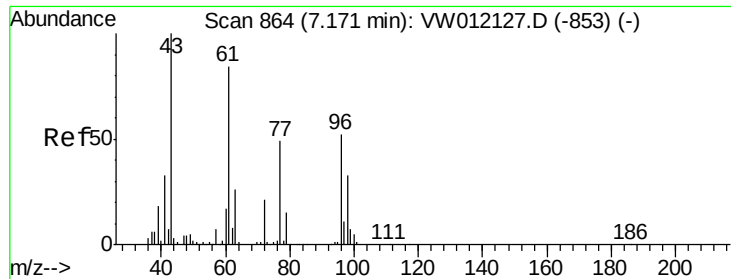
20000

10000

0

Time-->





#25

2-Butanone

Concen: 117.000 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

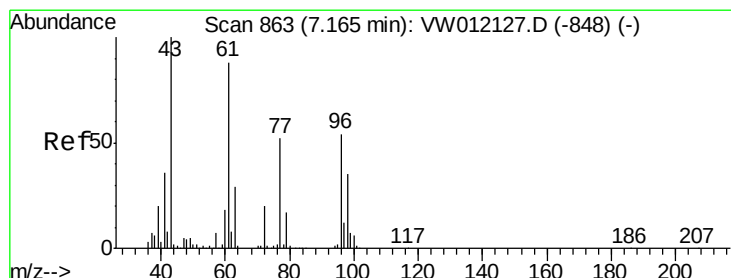
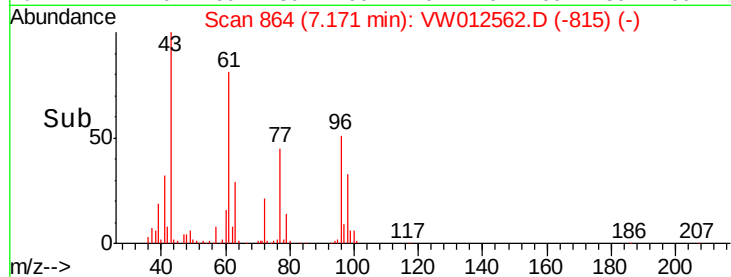
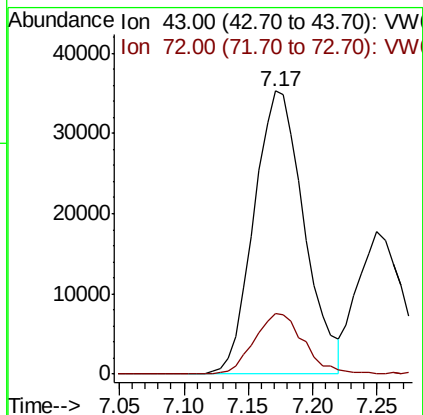
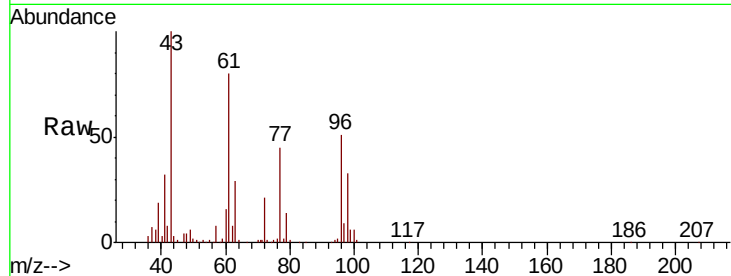
VW0903SBS04

Tgt Ion: 43 Resp: 94846

Ion Ratio Lower Upper

43 100

72 21.3 16.6 24.8



#26

2,2-Dichloropropane

Concen: 21.320 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012562.D

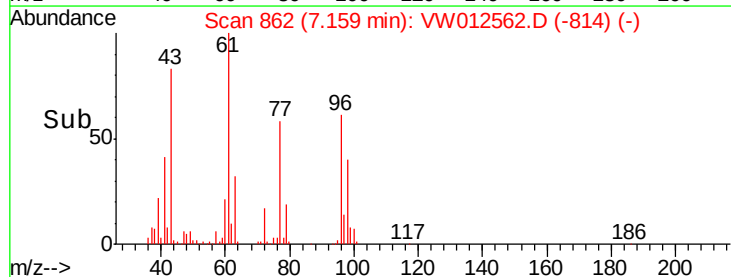
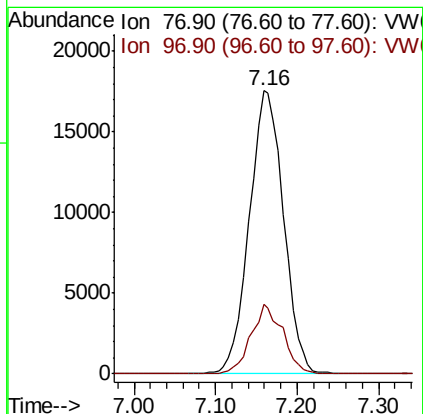
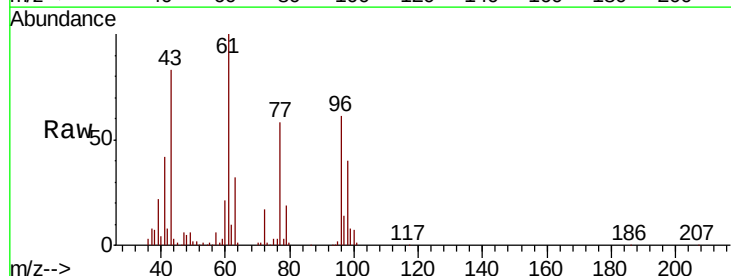
Acq: 03 Sep 2019 23:14

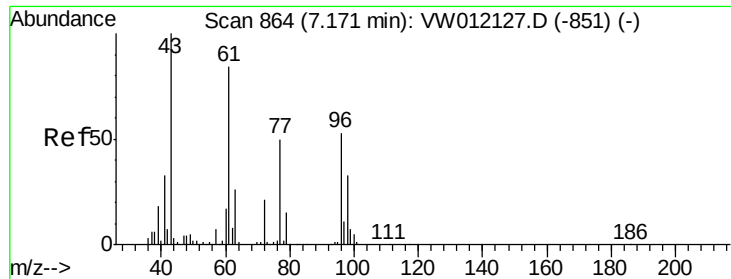
Tgt Ion: 77 Resp: 51272

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1



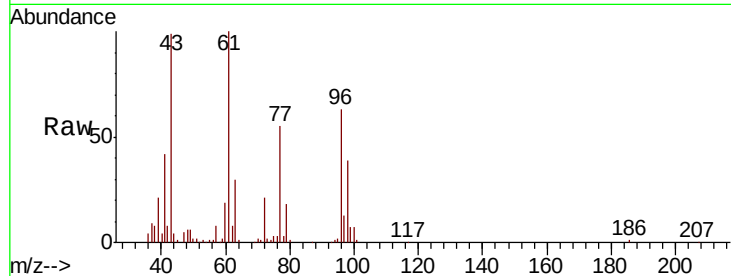


#27

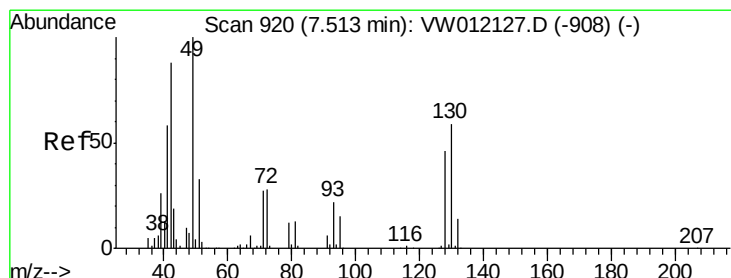
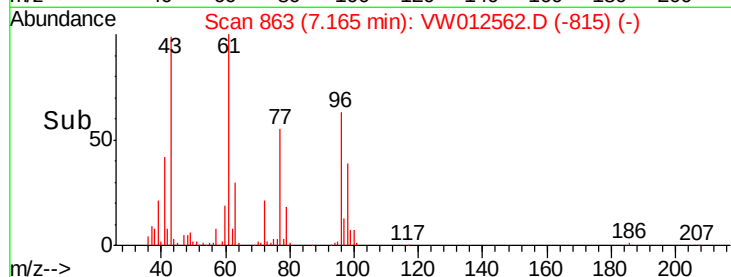
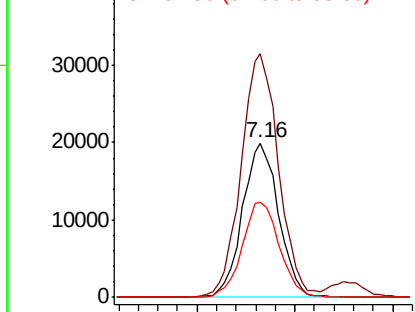
cis-1,2-Dichloroethene
 Concen: 22.647 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

Tgt Ion: 96 Resp: 51094
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 326.6
 98 63.5 0.0 127.4



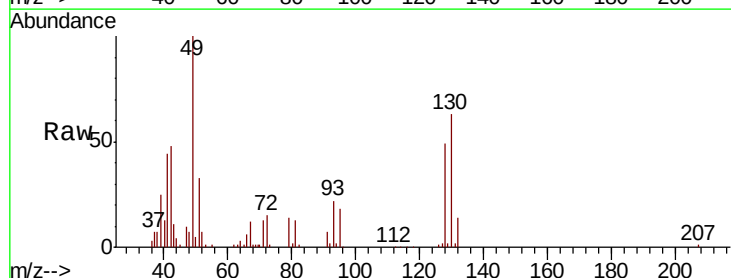
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



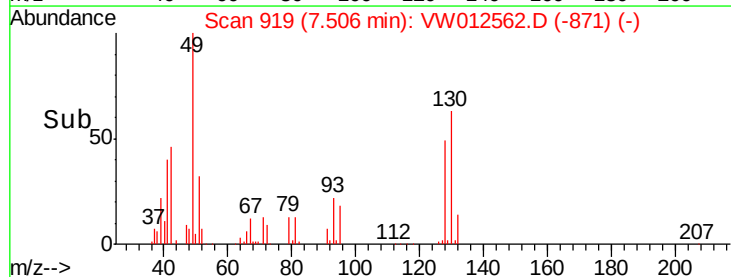
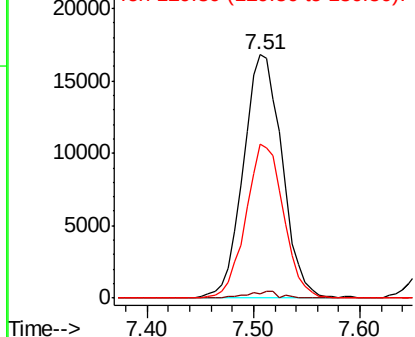
#28

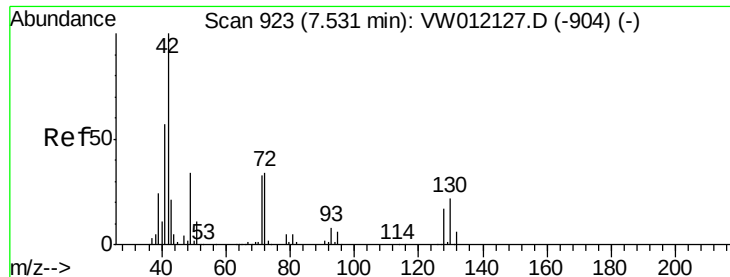
Bromochloromethane
 Concen: 23.232 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion: 49 Resp: 43022
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.4#
 130 61.4 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

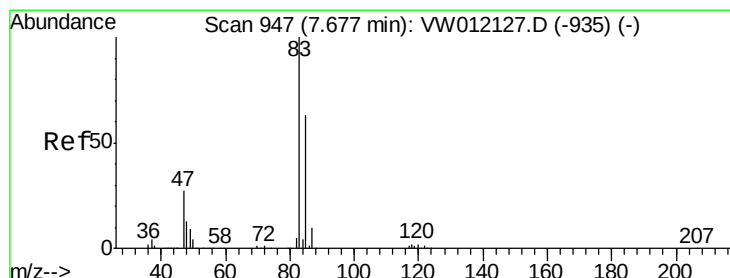
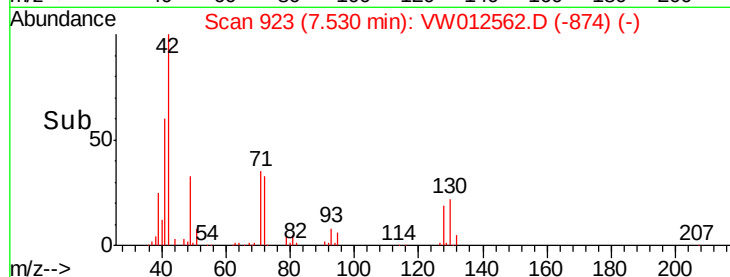
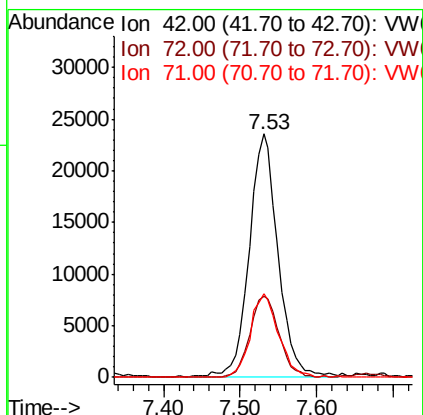
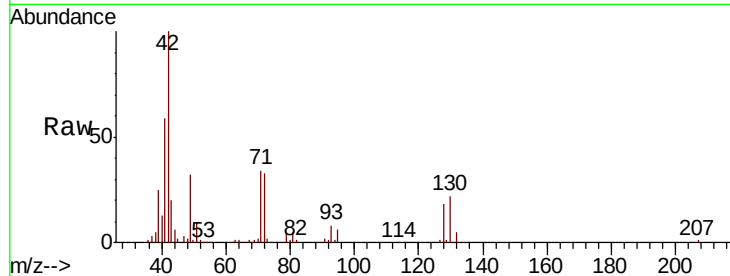




#29
Tetrahydrofuran
Concen: 125.891 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

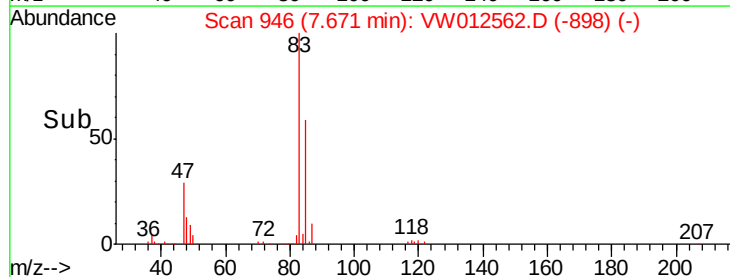
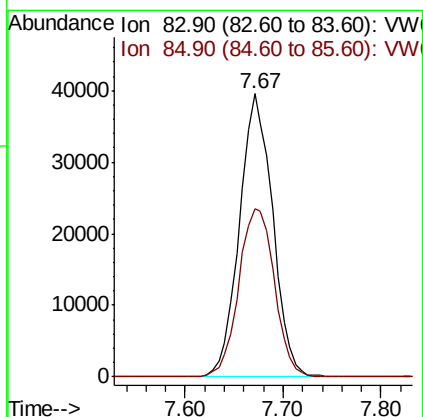
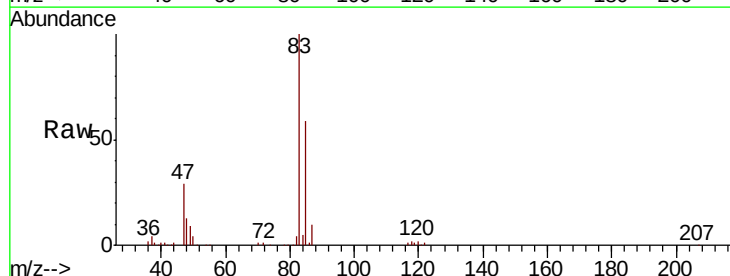
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

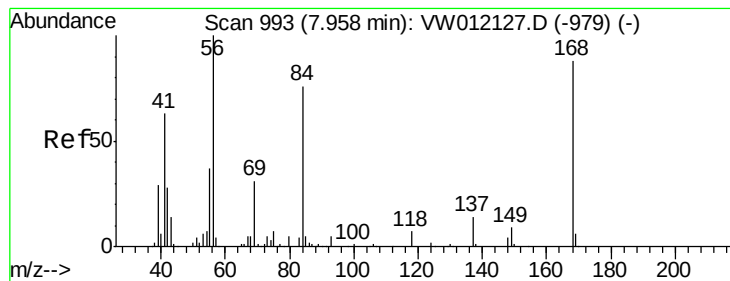
Tgt Ion: 42 Resp: 61228
Ion Ratio Lower Upper
42 100
72 34.1 27.3 40.9
71 33.7 25.5 38.3



#30
Chloroform
Concen: 23.996 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion: 83 Resp: 93276
Ion Ratio Lower Upper
83 100
85 59.4 50.6 76.0





#31

Cyclohexane

Concen: 17.827 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

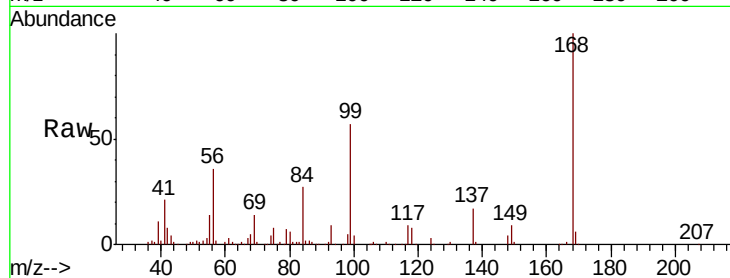
Tgt Ion: 56 Resp: 74936

Ion Ratio Lower Upper

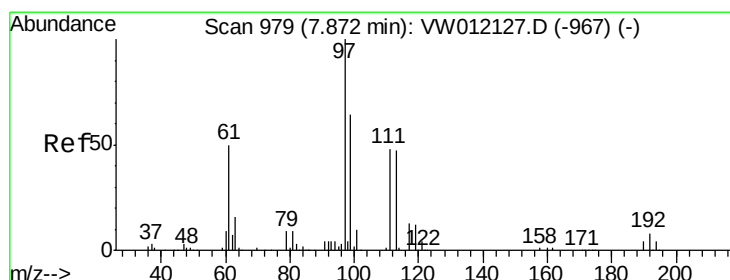
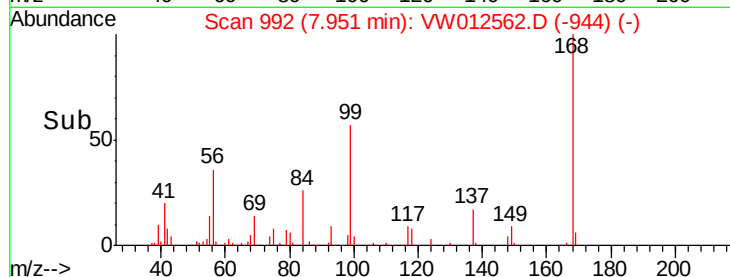
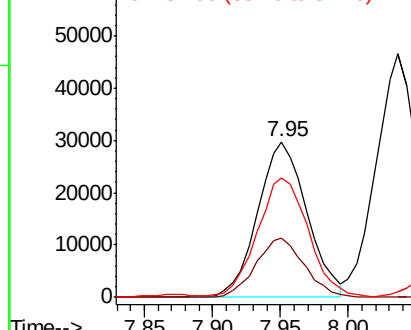
56 100

69 38.2 24.9 37.3#

84 75.7 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: 22.765 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

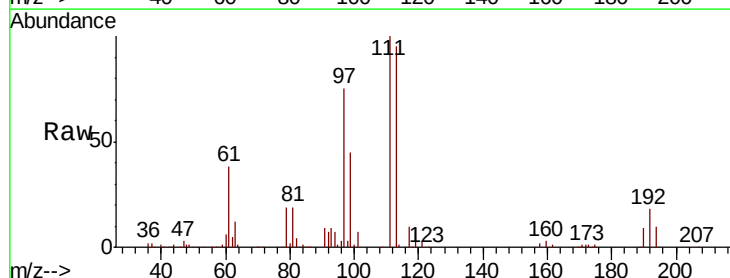
Tgt Ion: 97 Resp: 70003

Ion Ratio Lower Upper

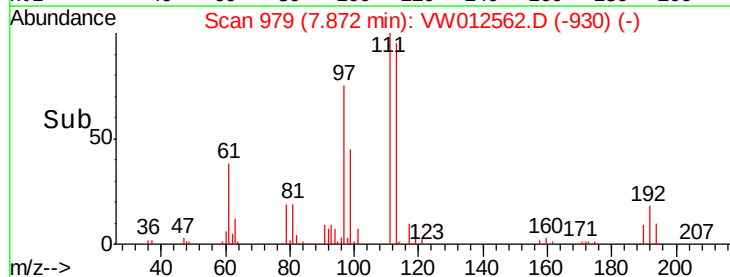
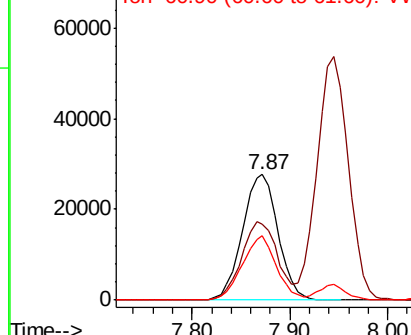
97 100

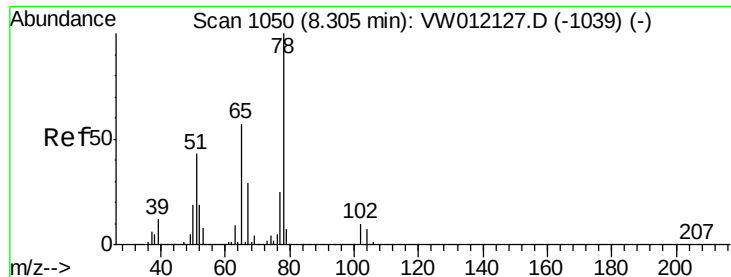
99 62.7 51.4 77.0

61 49.0 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: 58.389 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

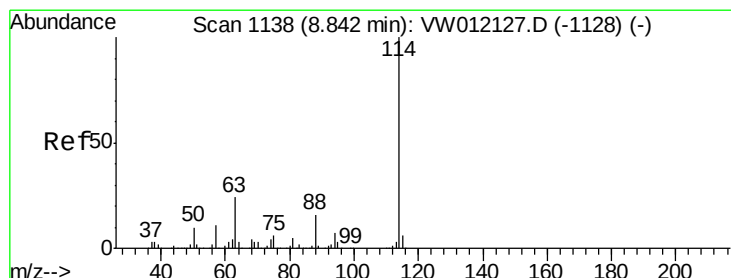
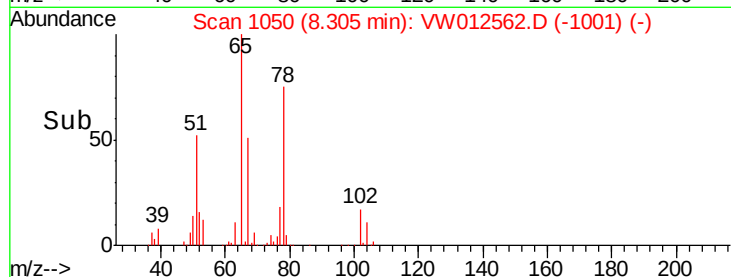
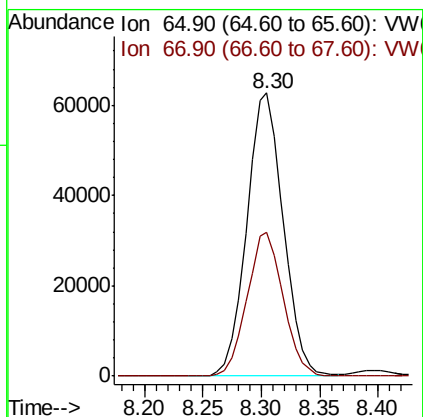
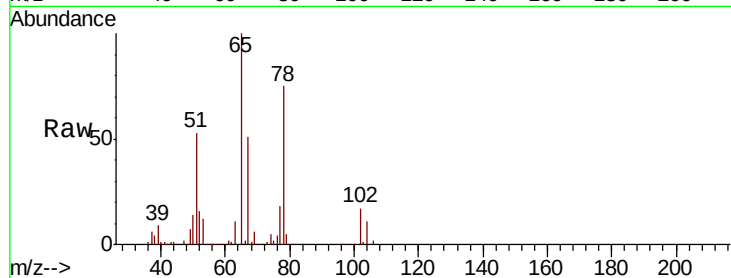
VW0903SBS04

Tgt Ion: 65 Resp: 136265

Ion Ratio Lower Upper

65 100

67 50.4 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: VW012562.D

Acq: 03 Sep 2019 23:14

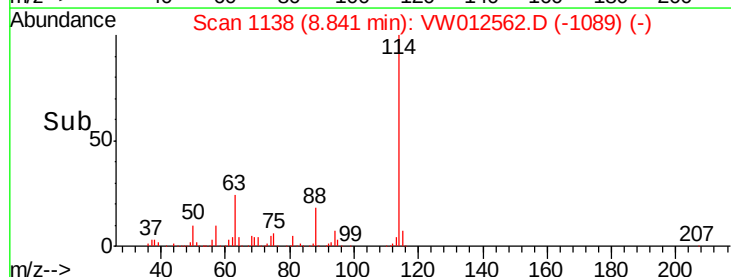
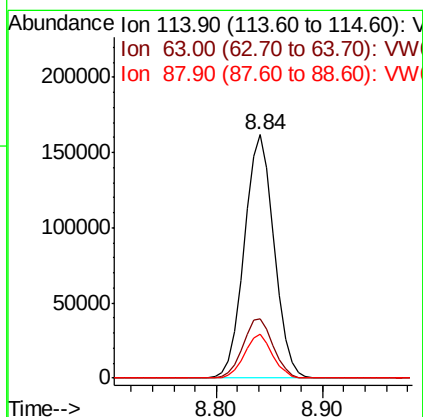
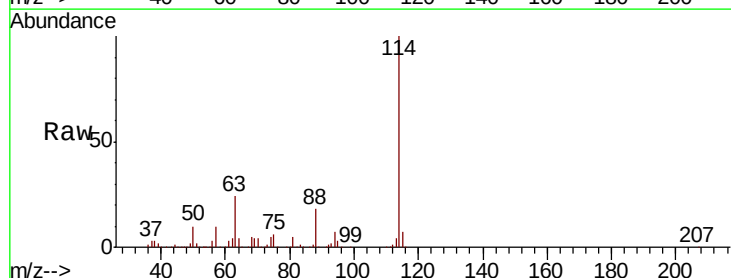
Tgt Ion: 114 Resp: 317375

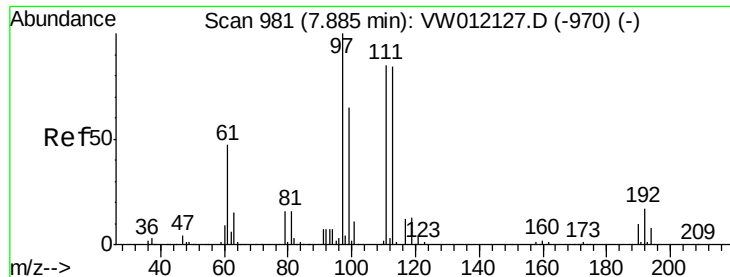
Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.6

88 18.1 0.0 32.2

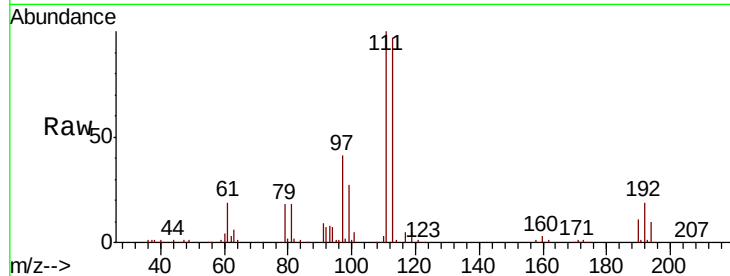




#35
 Dibromofluoromethane
 Concen: 54.742 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.8	16.2	24.2

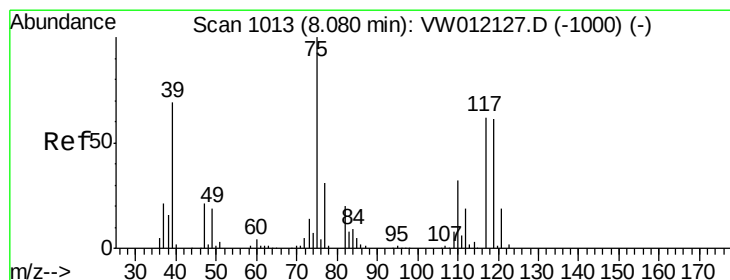
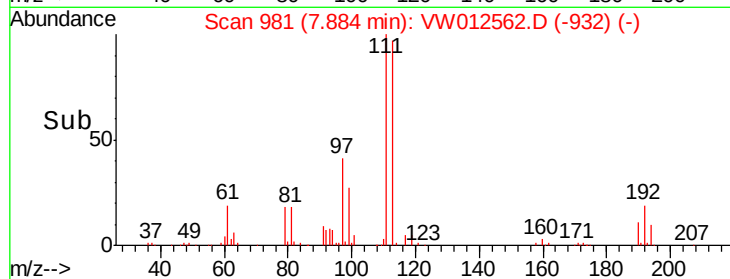
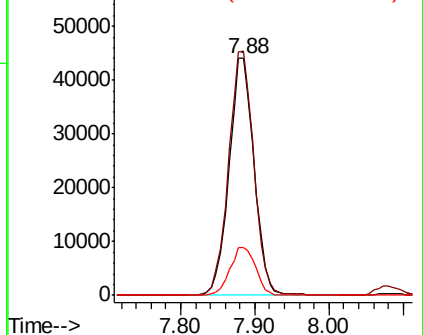


Abundance

Ion 112.80 (112.50 to 113.50): V

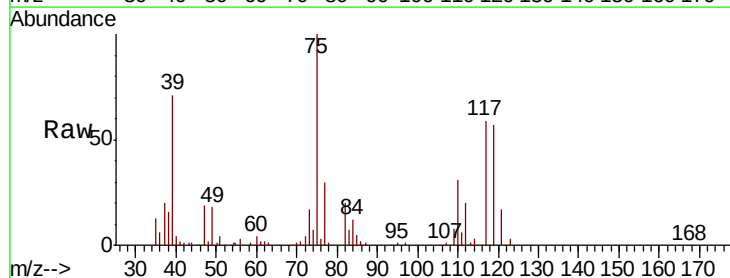
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.225 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.1	15.6	46.8
77	32.2	24.6	36.8

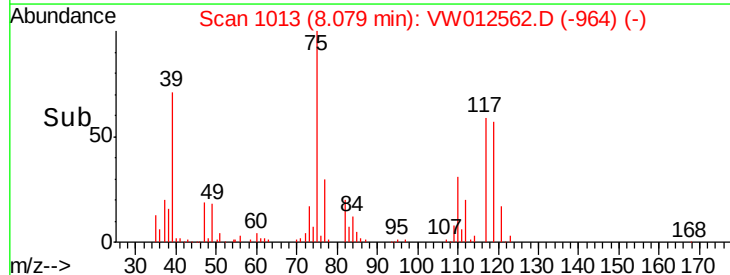
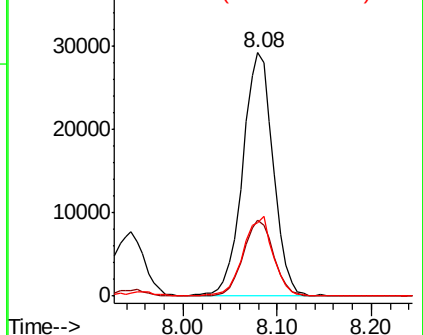


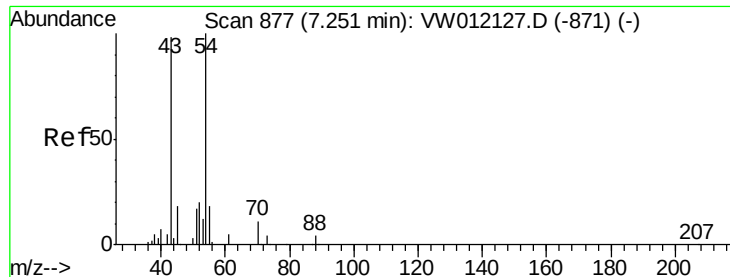
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

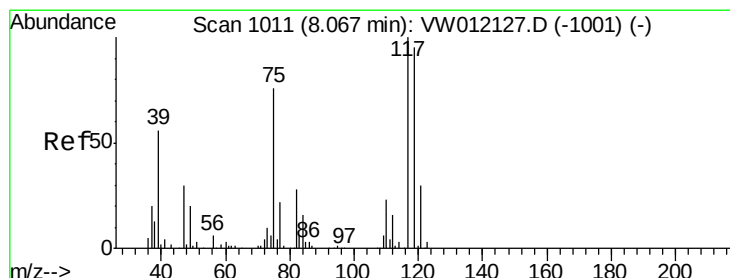
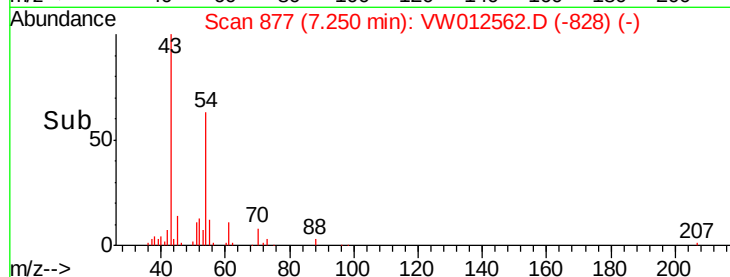
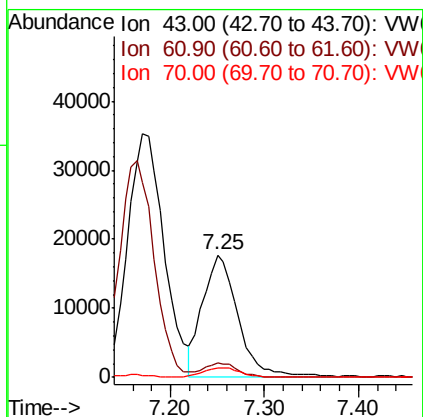
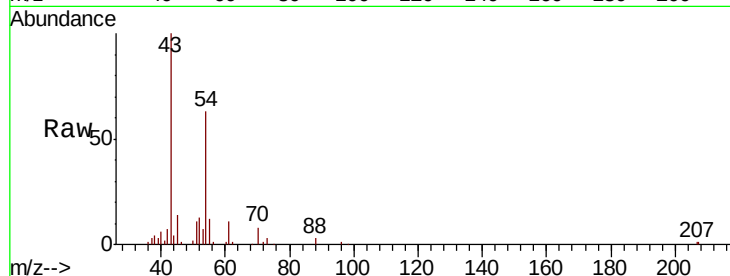




#37
 Ethyl Acetate
 Concen: 25.163 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

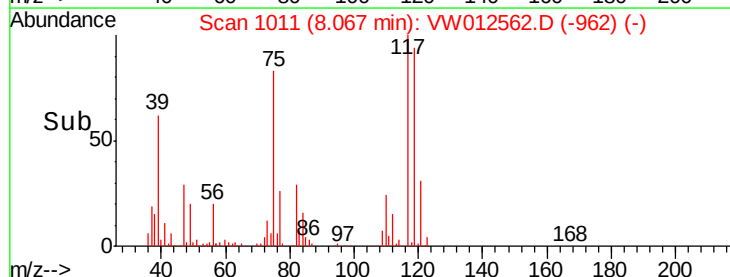
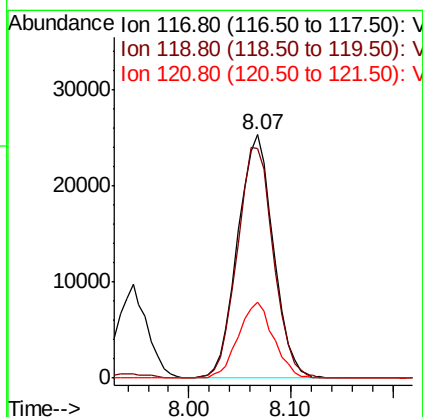
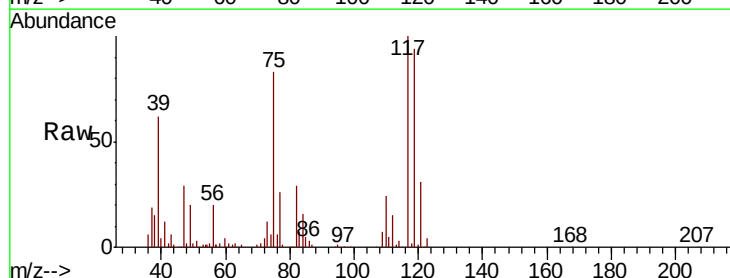
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

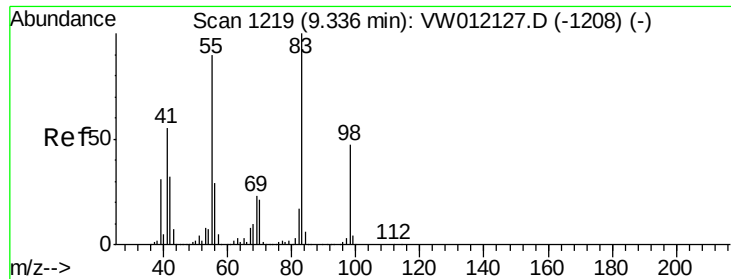
Tgt Ion: 43 Resp: 45223
 Ion Ratio Lower Upper
 43 100
 61 11.2 9.2 13.8
 70 8.3 6.9 10.3



#38
 Carbon Tetrachloride
 Concen: 21.708 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion: 117 Resp: 61622
 Ion Ratio Lower Upper
 117 100
 119 94.1 76.2 114.2
 121 31.3 23.8 35.8

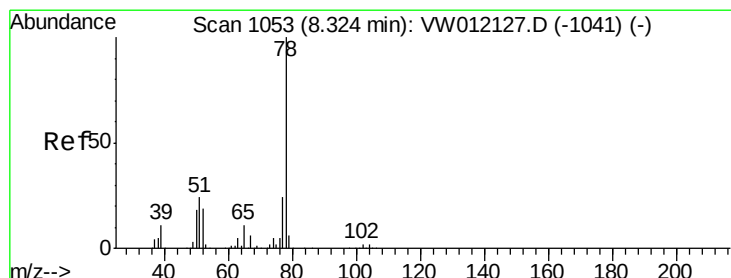
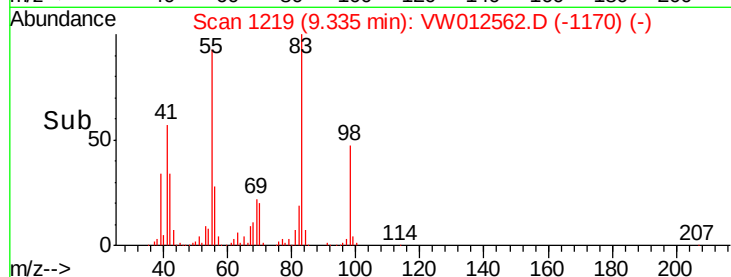
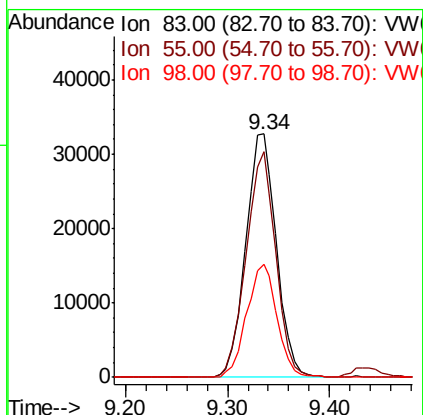
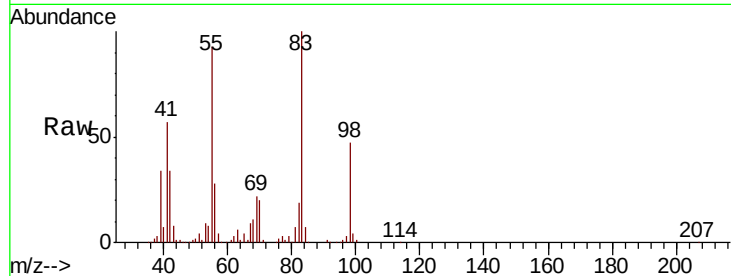




#39
Methylcyclohexane
Concen: 18.610 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

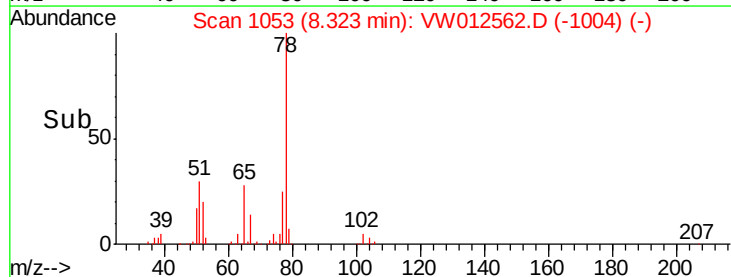
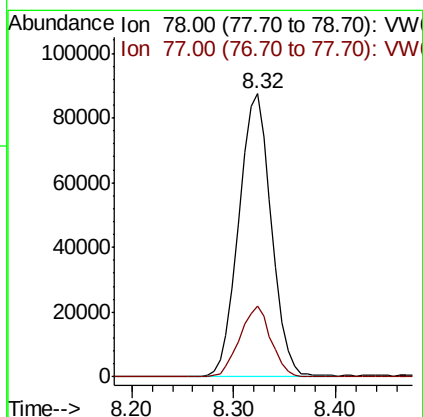
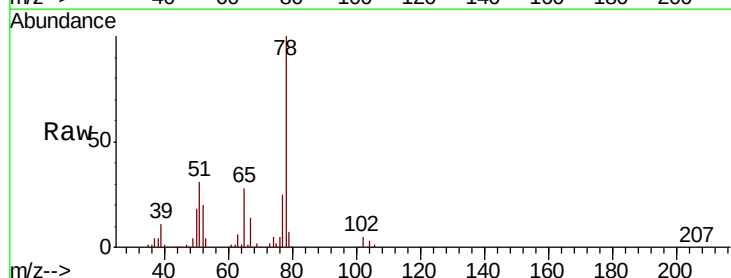
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

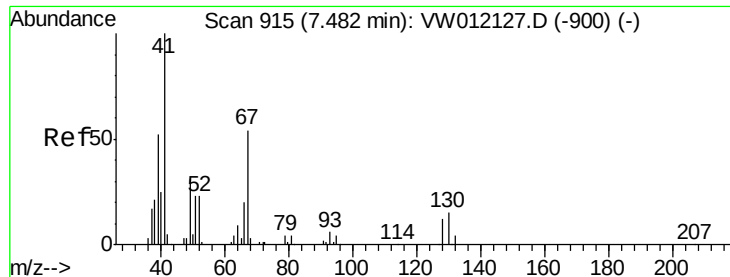
Tgt Ion: 83 Resp: 68568
Ion Ratio Lower Upper
83 100
55 92.6 71.8 107.8
98 46.7 37.8 56.8



#40
Benzene
Concen: 21.673 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion: 78 Resp: 194093
Ion Ratio Lower Upper
78 100
77 25.0 19.5 29.3

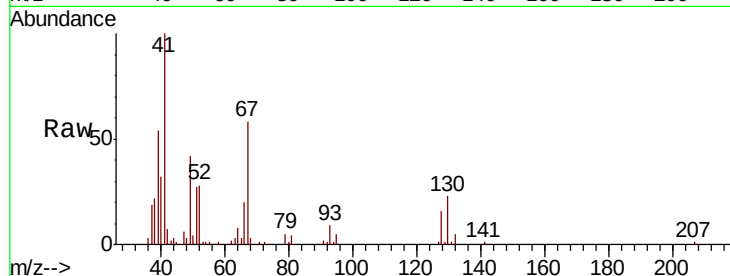




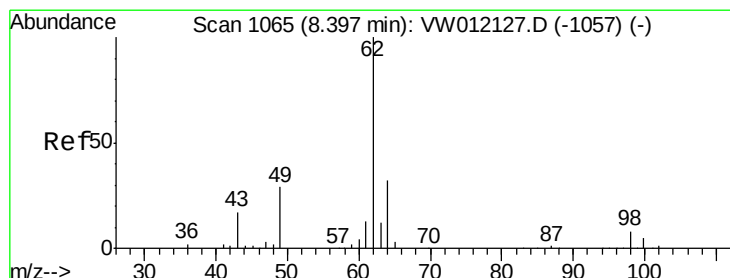
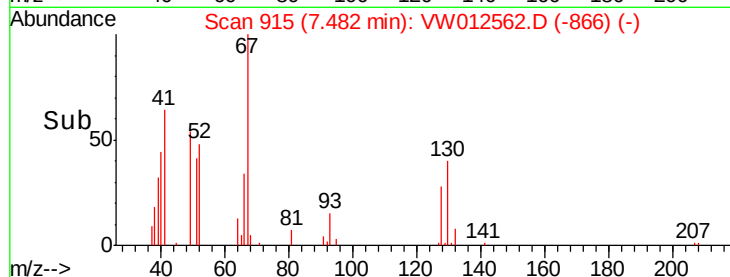
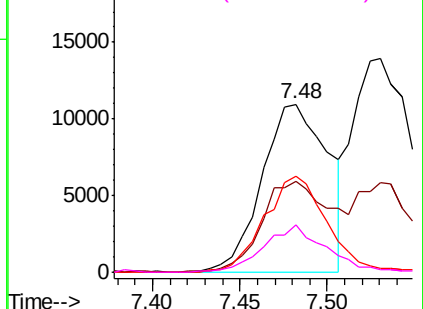
#41
Methacrylonitrile
Concen: 27.280 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

Tgt Ion:	41	Resp:	28816
Ion	Ratio	Lower	Upper
41	100		
39	59.4	45.8	68.8
67	54.8	46.2	69.4
52	26.4	21.0	31.6

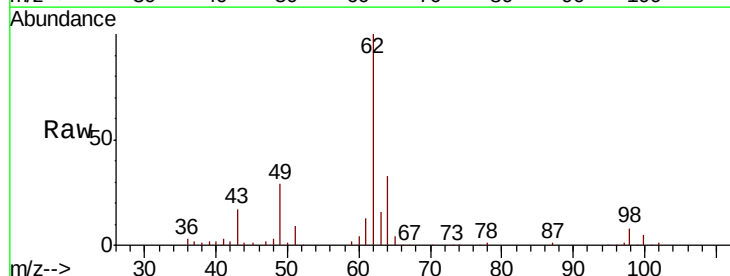


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

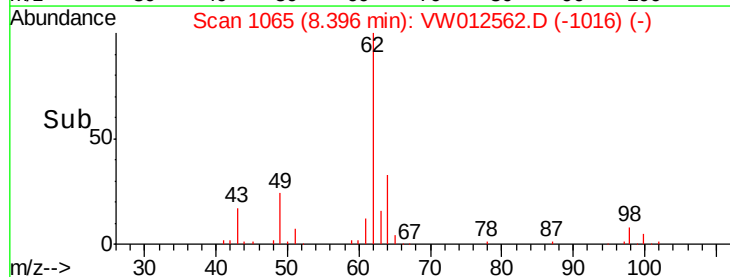
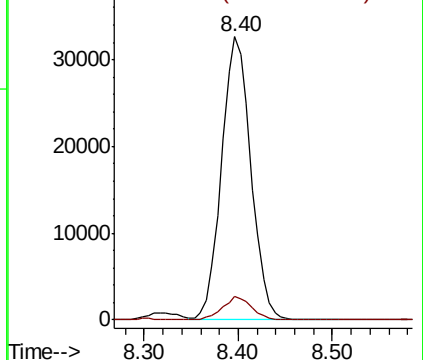


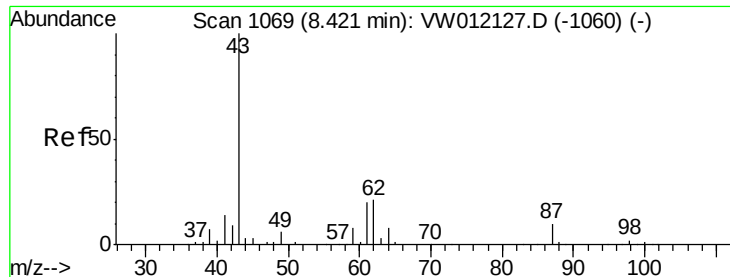
#42
1,2-Dichloroethane
Concen: 25.110 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion:	62	Resp:	70478
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 24.585 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

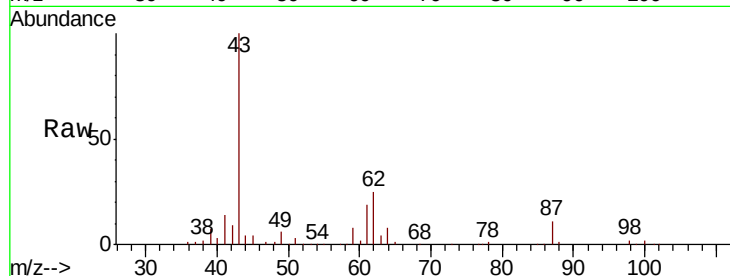
Tgt Ion: 43 Resp: 81844

Ion Ratio Lower Upper

43 100

61 27.3 21.1 31.7

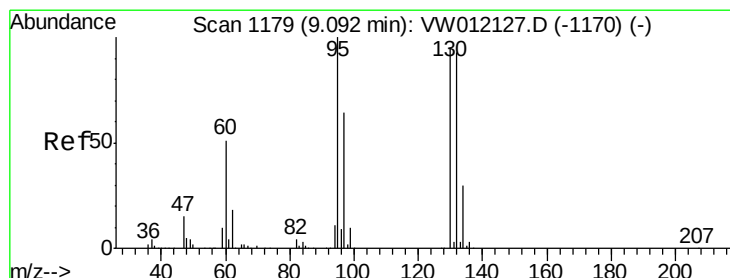
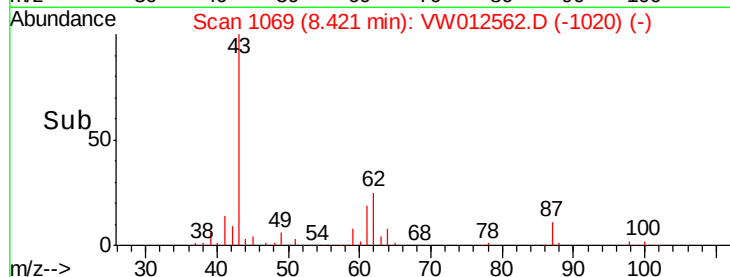
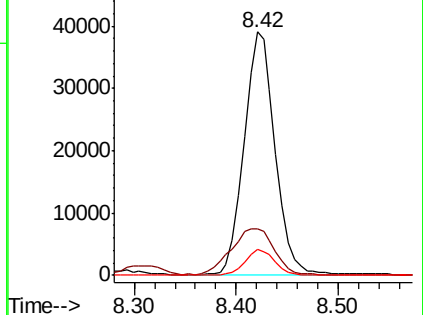
87 10.3 8.2 12.2



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: 21.854 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012562.D

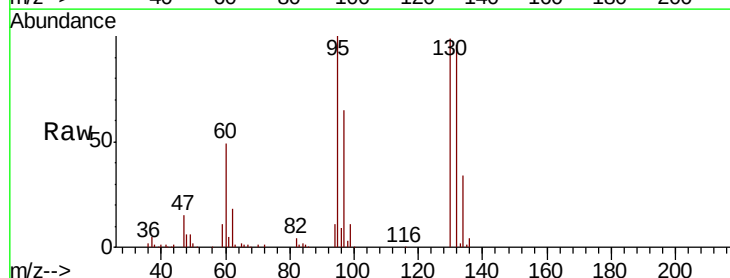
Acq: 03 Sep 2019 23:14

Tgt Ion: 130 Resp: 47578

Ion Ratio Lower Upper

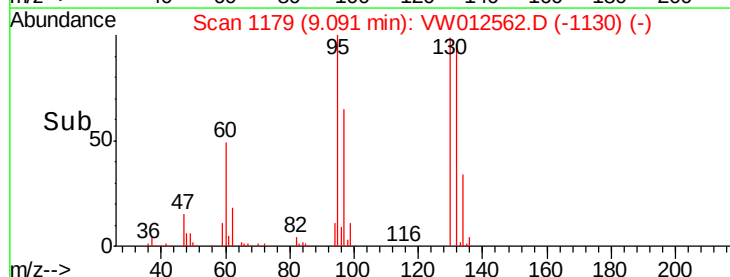
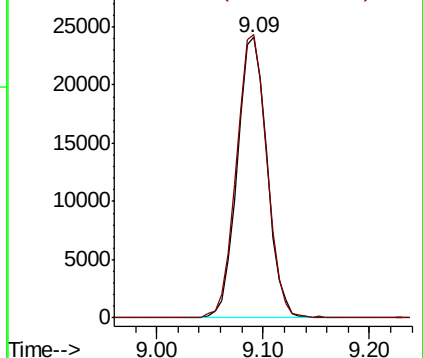
130 100

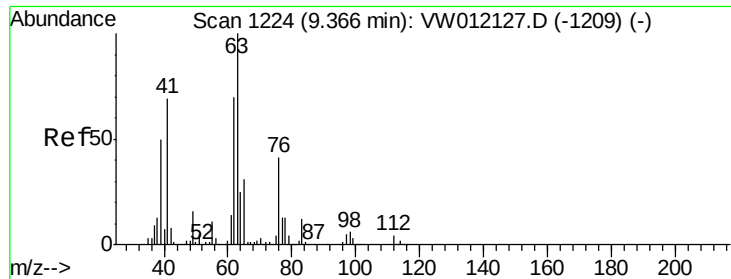
95 100.8 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

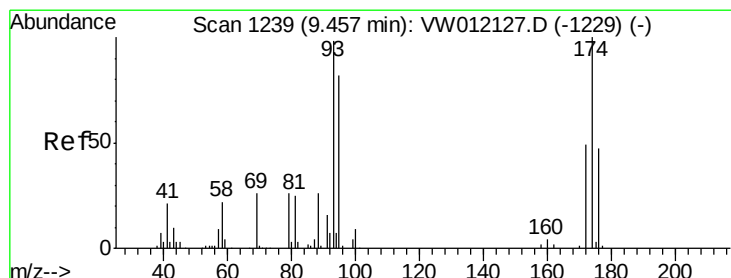
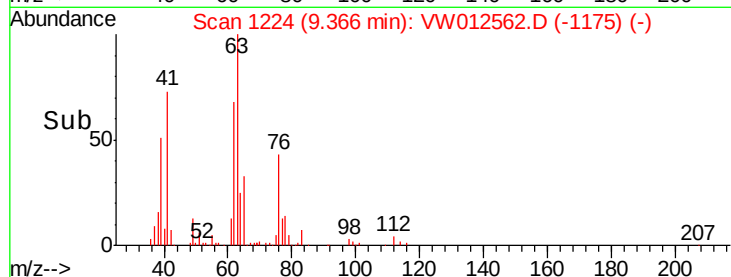
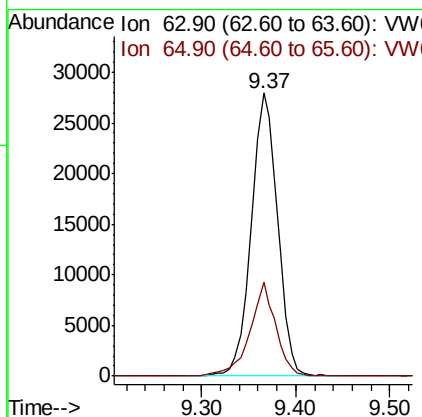
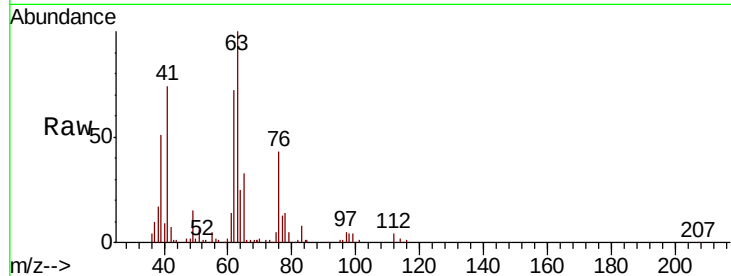




#45
 1,2-Dichloropropane
 Concen: 22.870 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

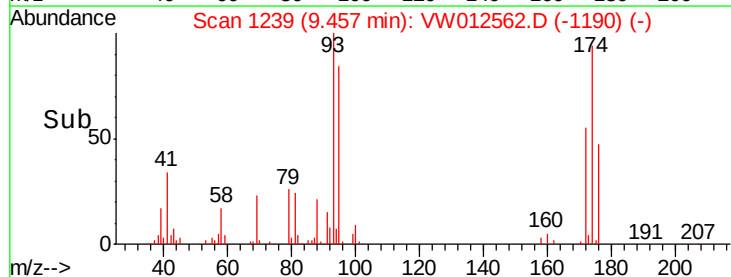
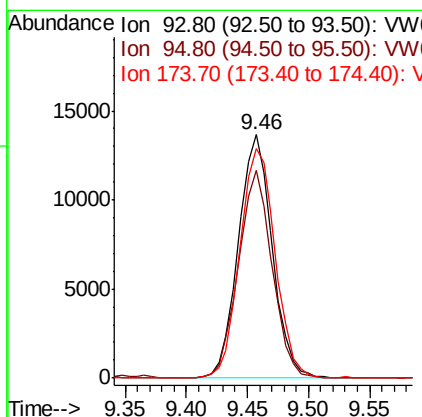
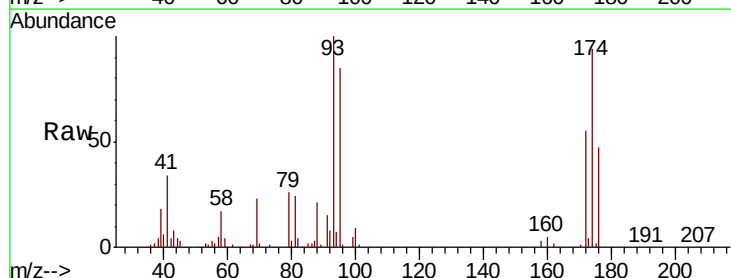
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

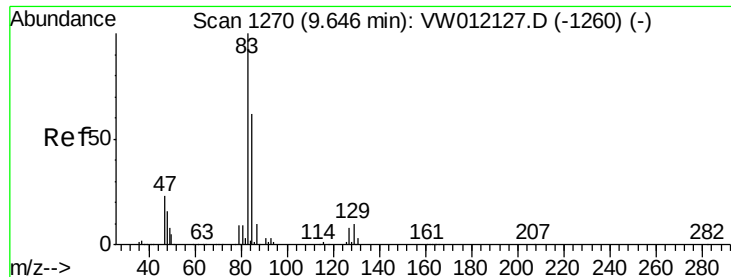
Tgt Ion: 63 Resp: 55120
 Ion Ratio Lower Upper
 63 100
 65 33.2 25.0 37.4



#46
 Dibromomethane
 Concen: 24.424 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion: 93 Resp: 26191
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.2 100.8
 174 98.6 79.0 118.6





#47

Bromodichloromethane

Concen: 23.751 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

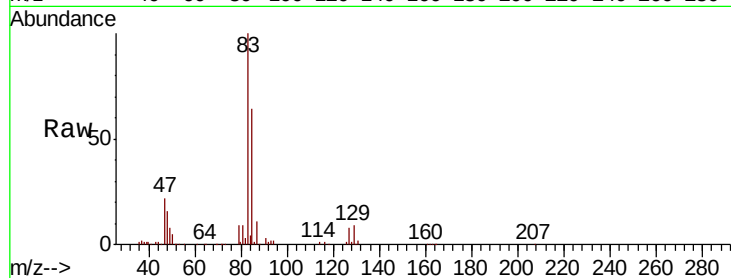
Tgt Ion: 83 Resp: 67787

Ion Ratio Lower Upper

83 100

85 64.1 49.4 74.2

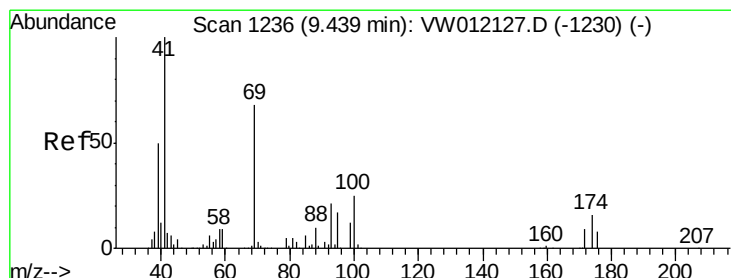
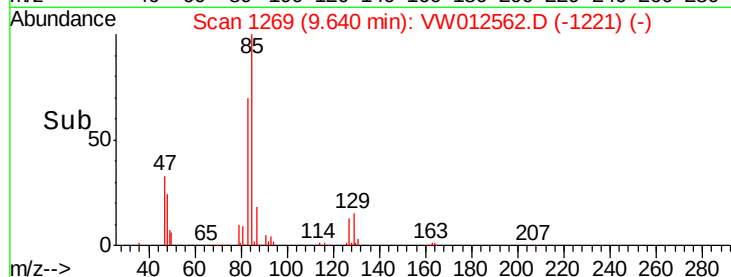
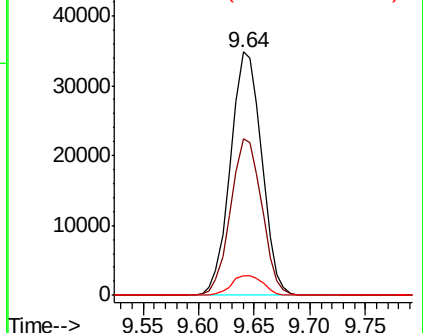
127 8.0 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 24.590 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

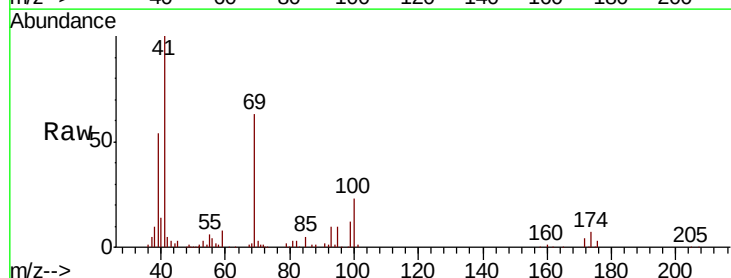
Tgt Ion: 41 Resp: 38961

Ion Ratio Lower Upper

41 100

69 71.8 56.7 85.1

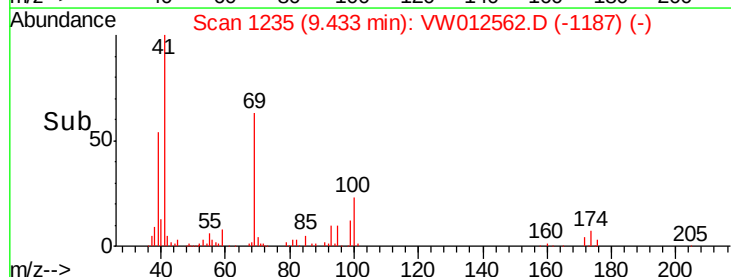
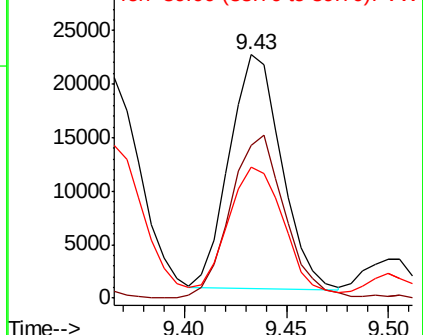
39 60.4 42.0 63.0

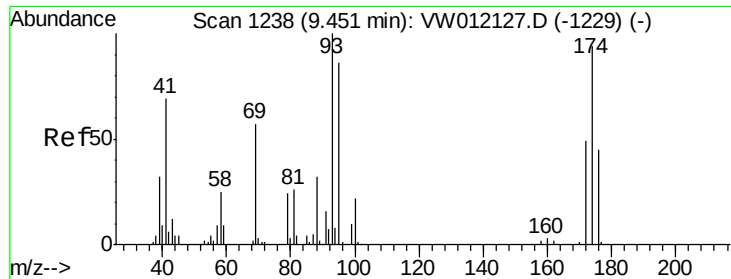


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

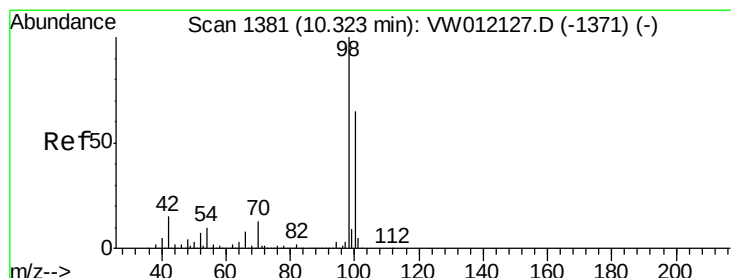
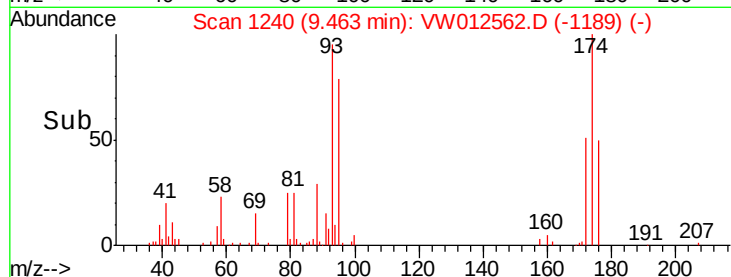
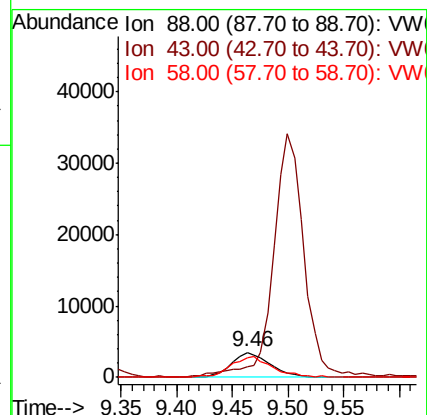
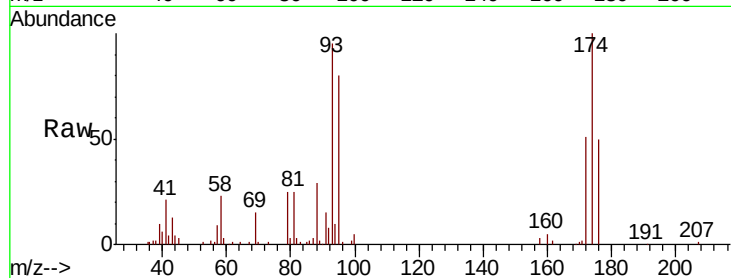




#49
1,4-Dioxane
Concen: 512.041 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

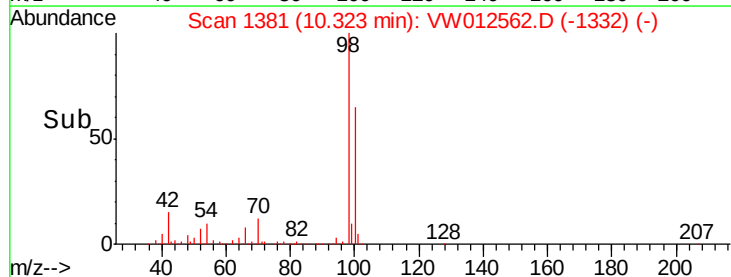
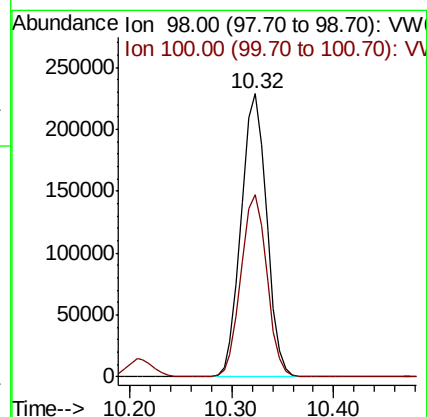
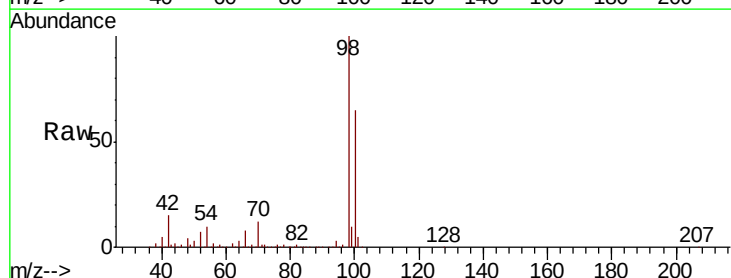
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

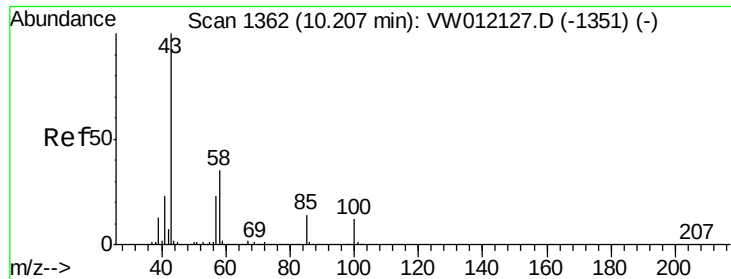
Tgt Ion: 88 Resp: 8406
Ion Ratio Lower Upper
88 100
43 0.0 32.9 49.3#
58 90.9 71.0 106.4



#50
Toluene-d8
Concen: 51.670 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion: 98 Resp: 396895
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 127.345 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

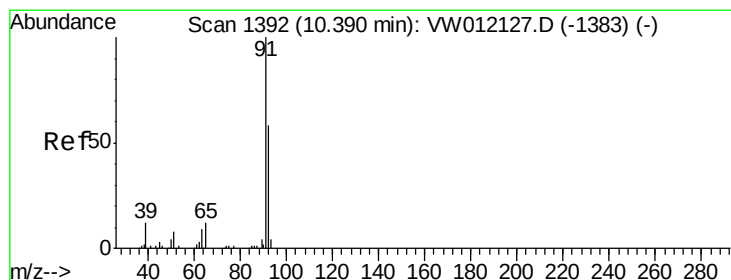
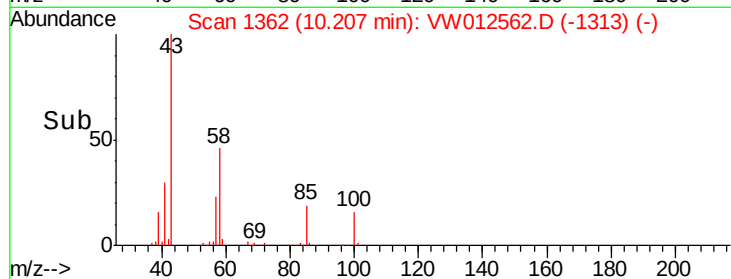
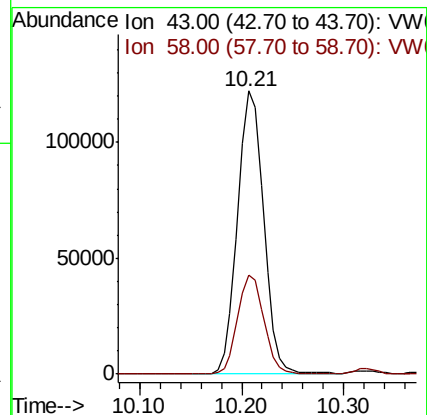
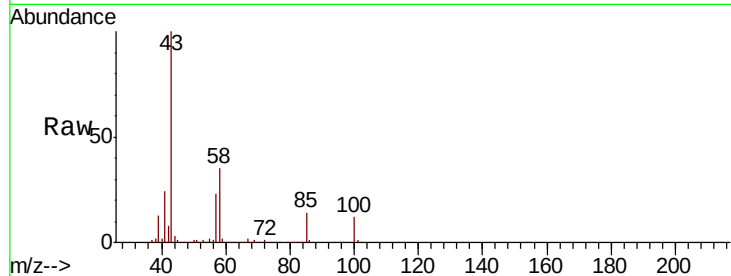
VW0903SBS04

Tgt Ion: 43 Resp: 215627

Ion Ratio Lower Upper

43 100

58 35.3 28.2 42.2



#52

Toluene

Concen: 21.929 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012562.D

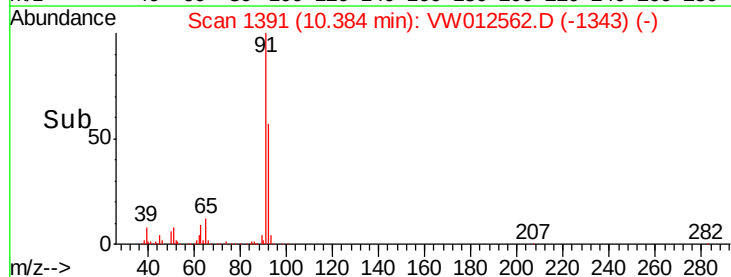
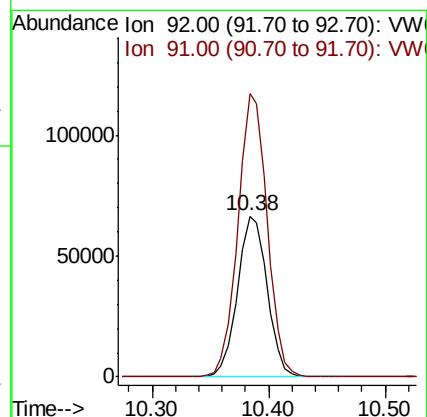
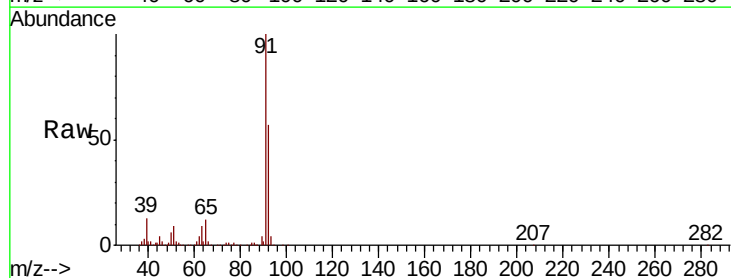
Acq: 03 Sep 2019 23:14

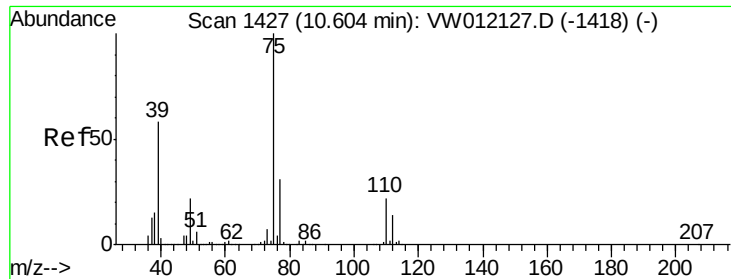
Tgt Ion: 92 Resp: 117978

Ion Ratio Lower Upper

92 100

91 174.1 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 23.799 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

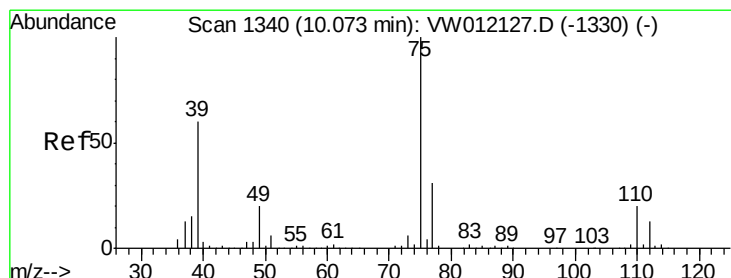
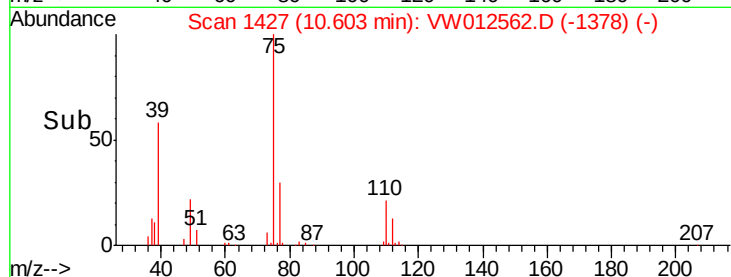
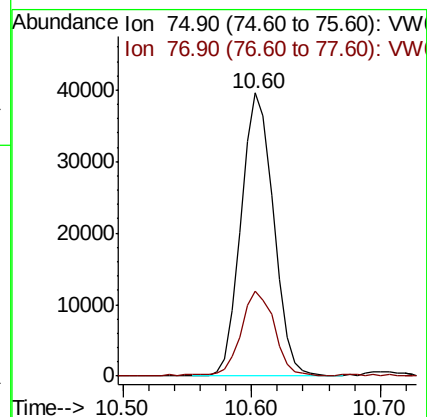
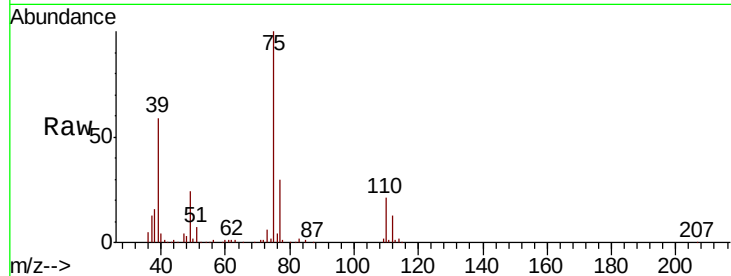
VW0903SBS04

Tgt Ion: 75 Resp: 69188

Ion Ratio Lower Upper

75 100

77 29.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 22.321 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

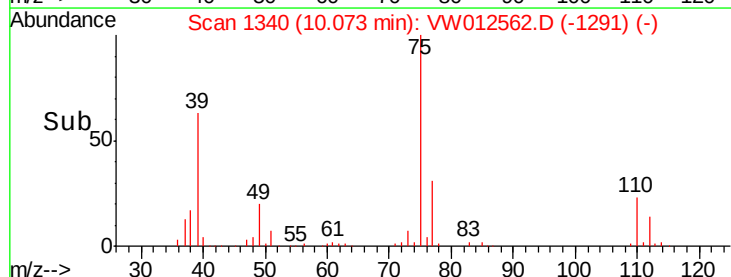
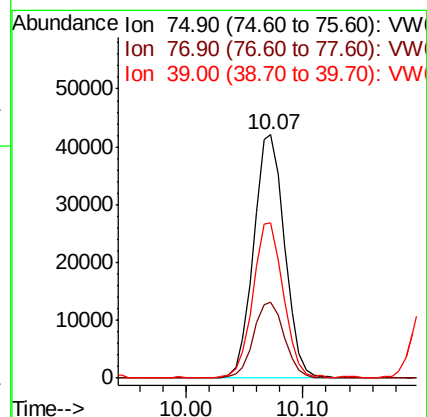
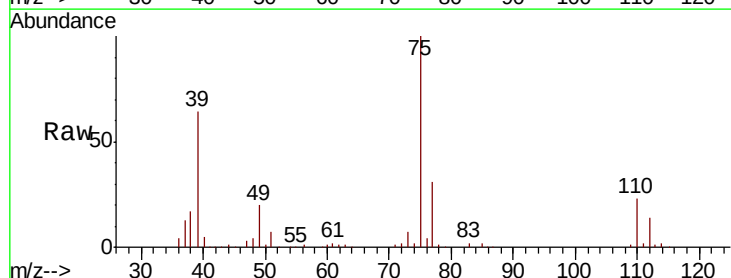
Tgt Ion: 75 Resp: 78351

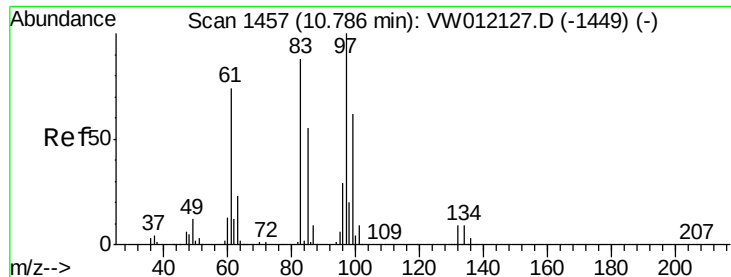
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 63.3 48.3 72.5

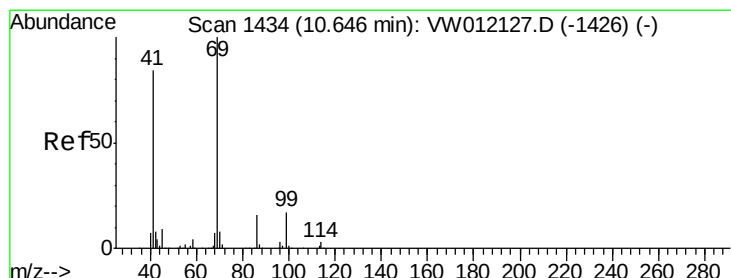
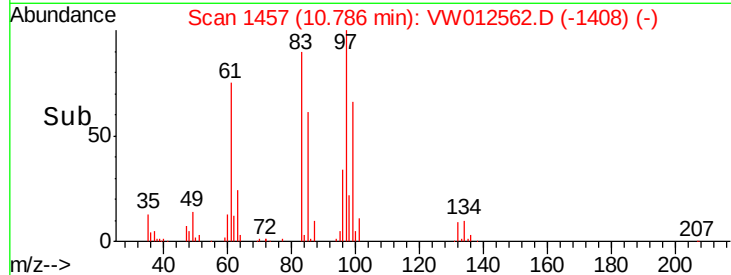
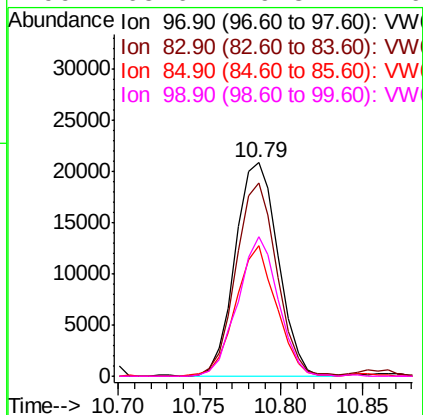
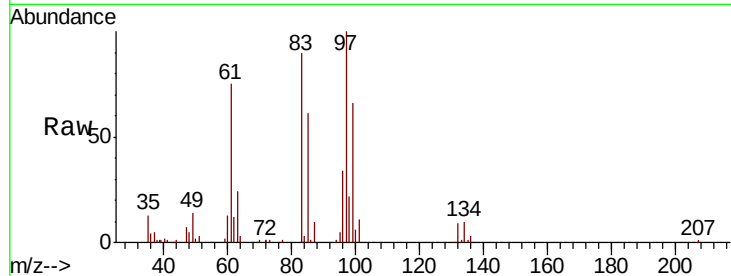




#55
 1,1,2-Trichloroethane
 Concen: 25.130 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

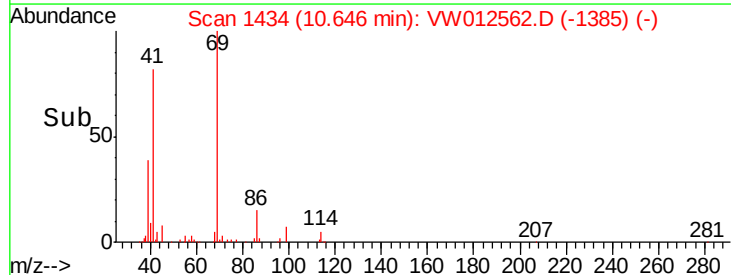
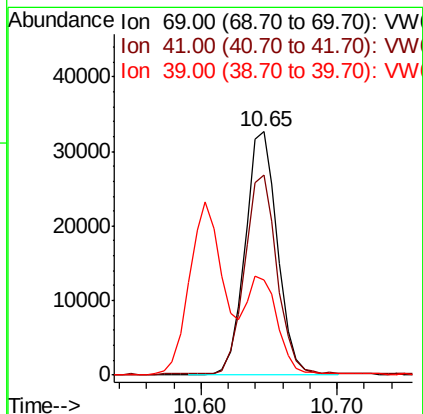
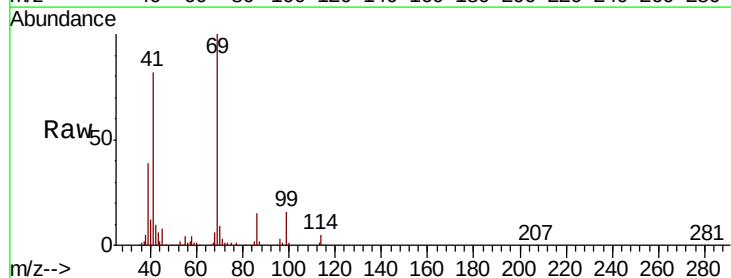
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

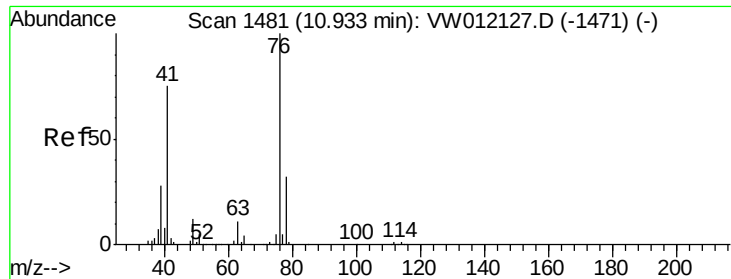
Tgt Ion:	97	Resp:	38128
Ion	Ratio	Lower	Upper
97	100		
83	90.2	70.8	106.2
85	61.1	43.8	65.8
99	65.6	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 24.572 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion:	69	Resp:	54261
Ion	Ratio	Lower	Upper
69	100		
41	83.1	66.5	99.7
39	38.0	31.0	46.4

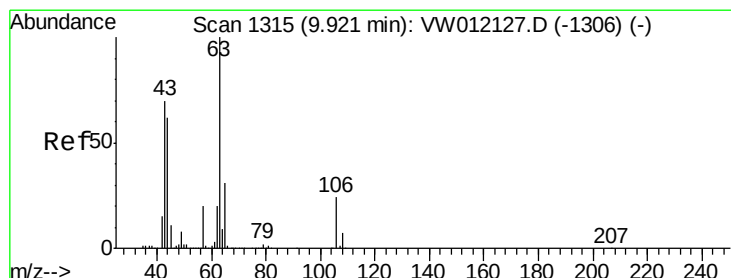
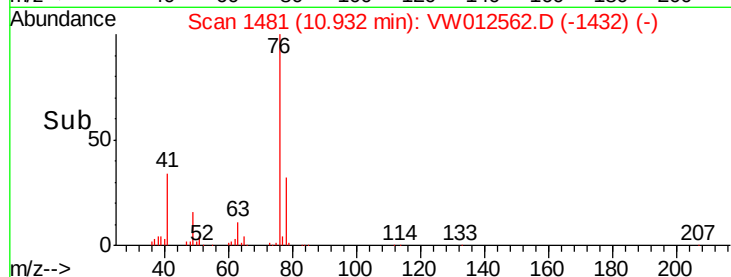
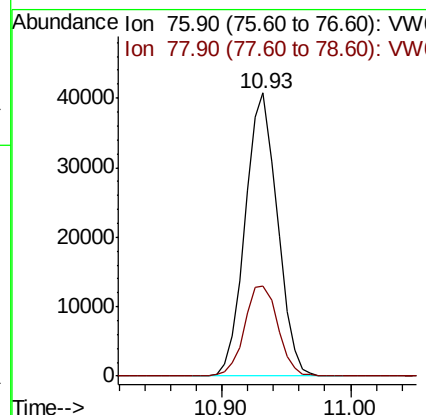
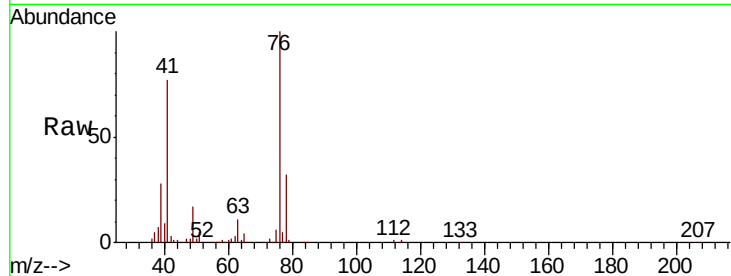




#57
 1,3-Dichloropropane
 Concen: 24.499 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

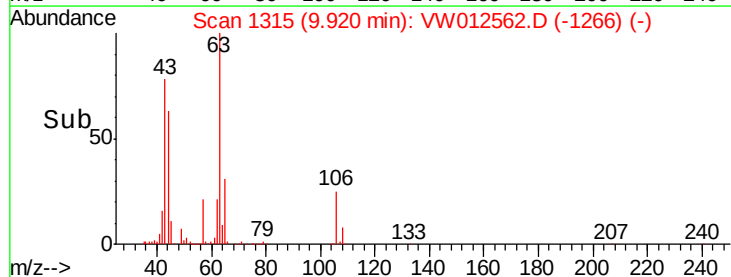
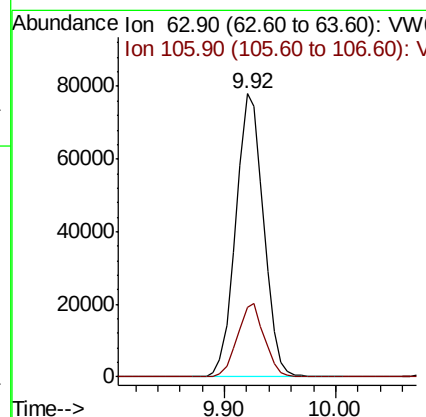
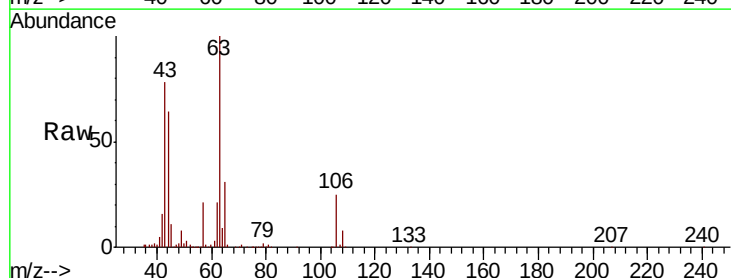
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

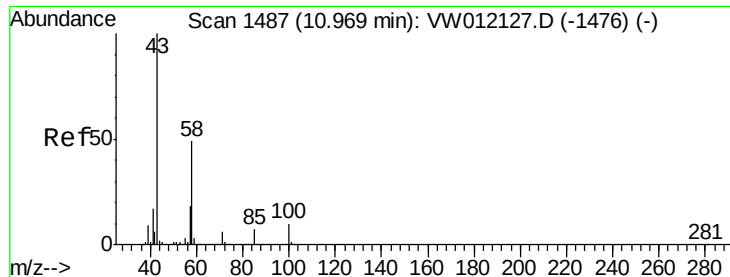
Tgt Ion: 76 Resp: 70243
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.845 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion: 63 Resp: 134688
 Ion Ratio Lower Upper
 63 100
 106 25.2 19.8 29.8

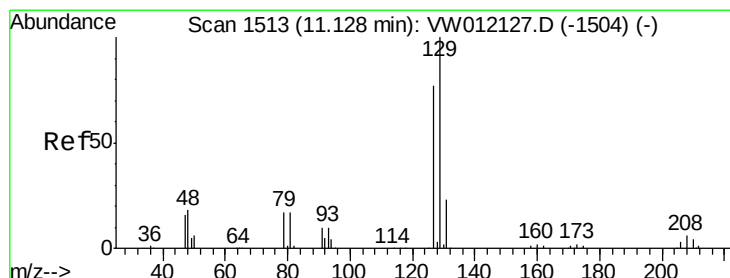
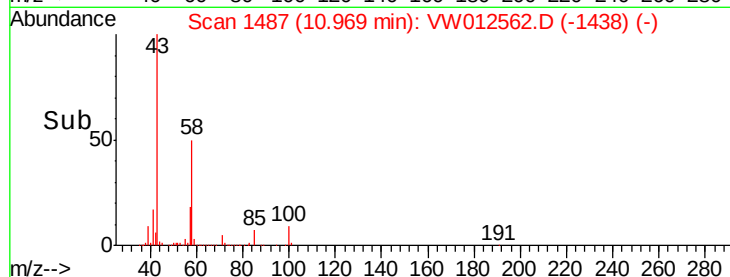
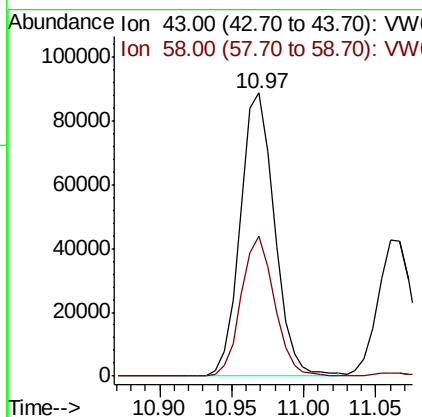
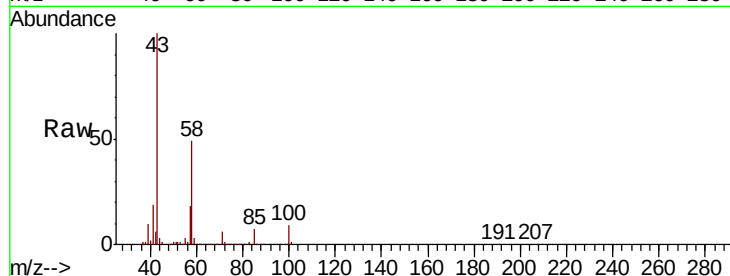




#59
2-Hexanone
Concen: 121.957 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

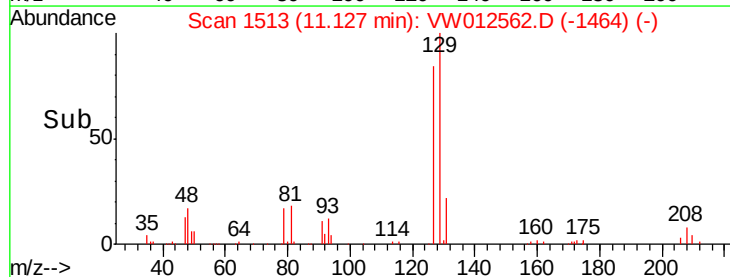
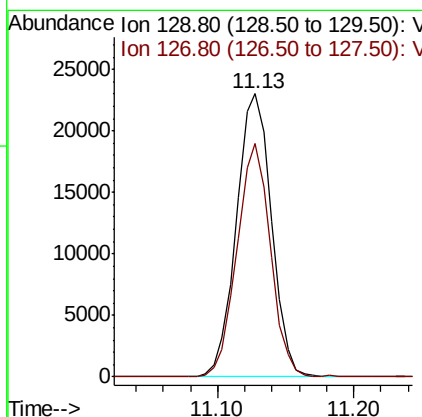
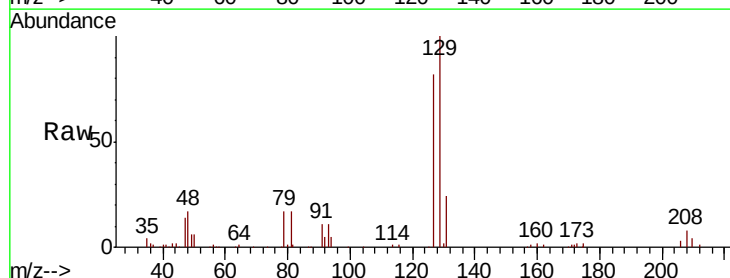
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

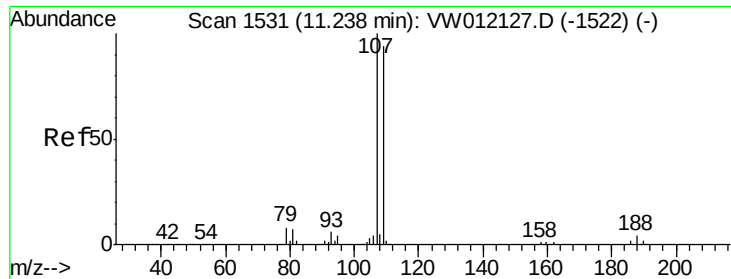
Tgt Ion: 43 Resp: 146114
Ion Ratio Lower Upper
43 100
58 48.2 24.3 72.9



#60
Dibromochloromethane
Concen: 24.524 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion: 129 Resp: 41445
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8

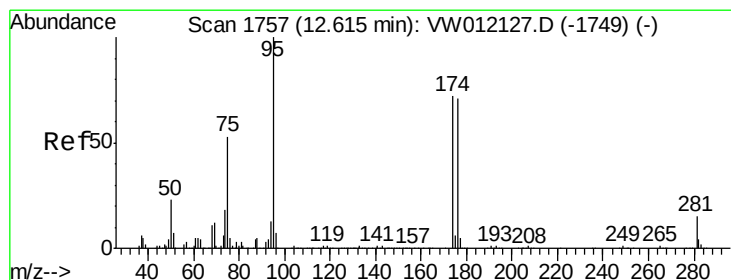
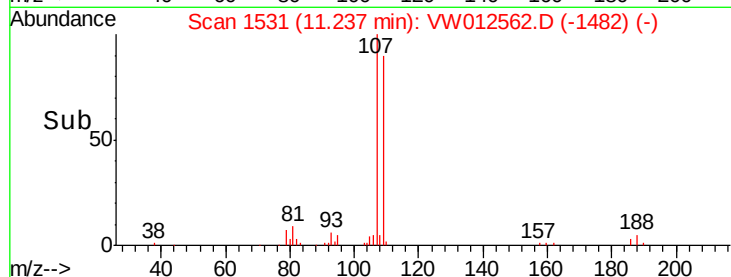
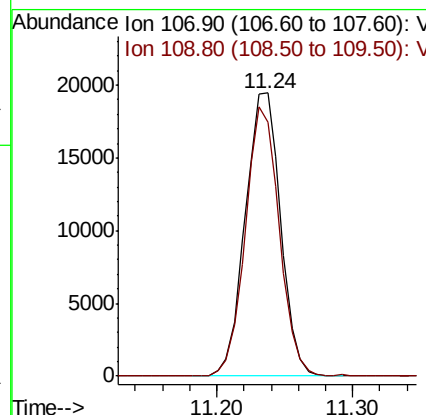
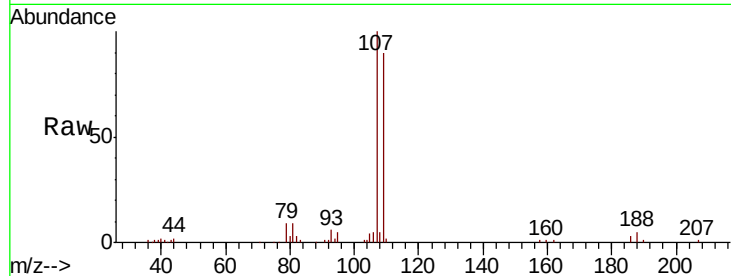




#61
 1,2-Dibromoethane
 Concen: 25.043 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

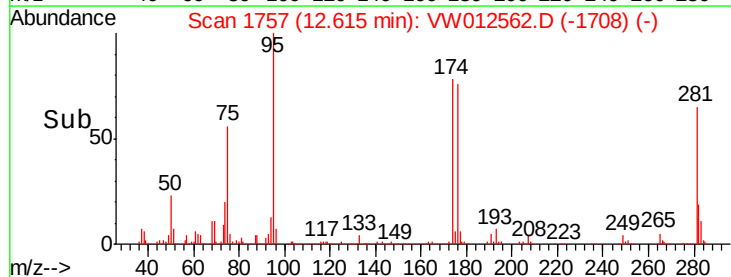
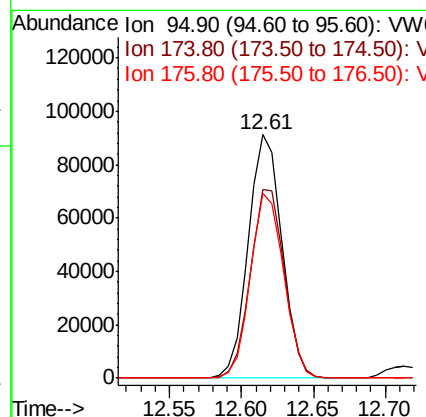
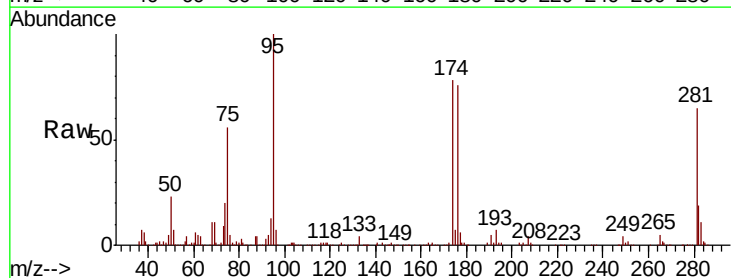
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

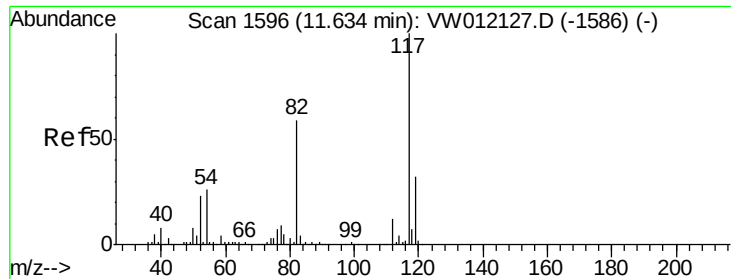
Tgt Ion: 107 Resp: 35399
 Ion Ratio Lower Upper
 107 100
 109 91.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 54.194 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion: 95 Resp: 146738
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 150.8
 176 75.6 0.0 148.6

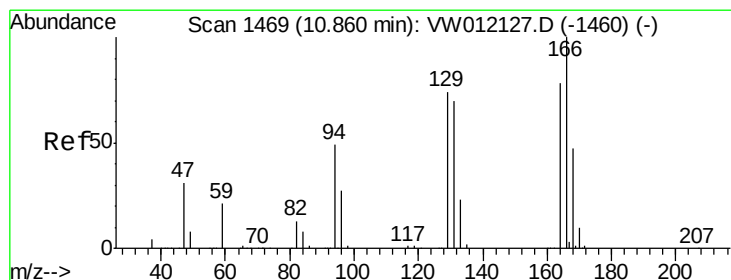
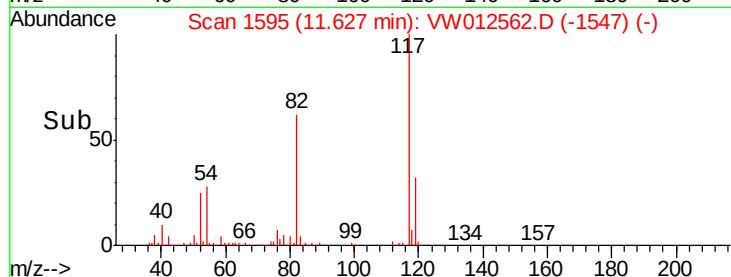
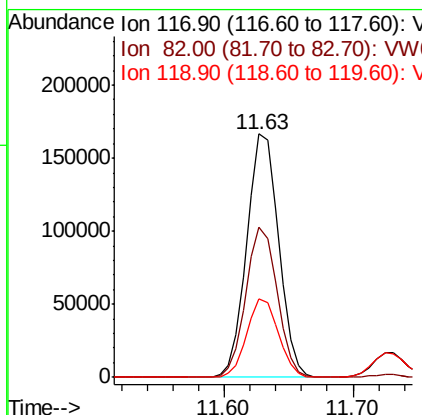
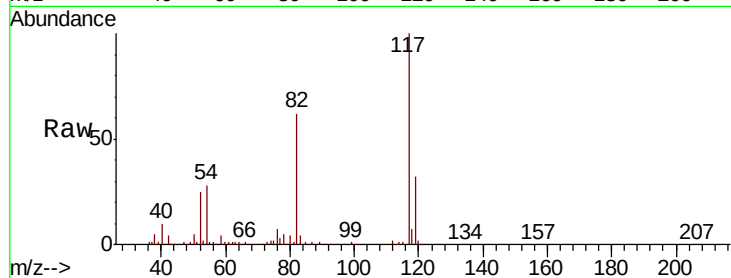




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

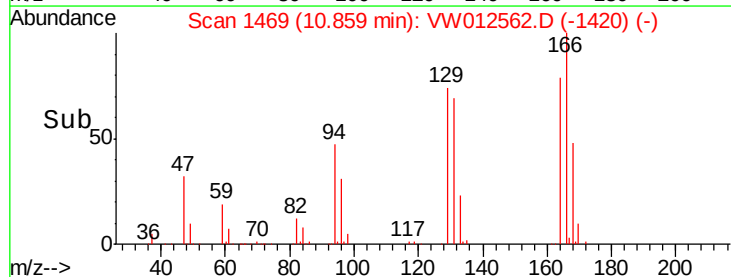
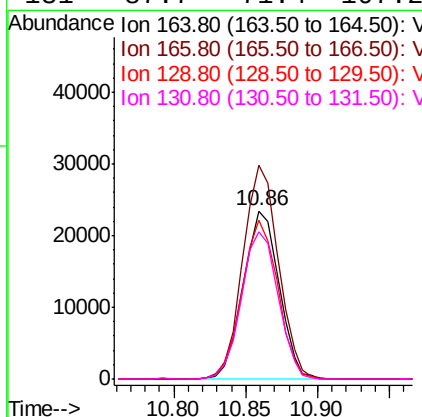
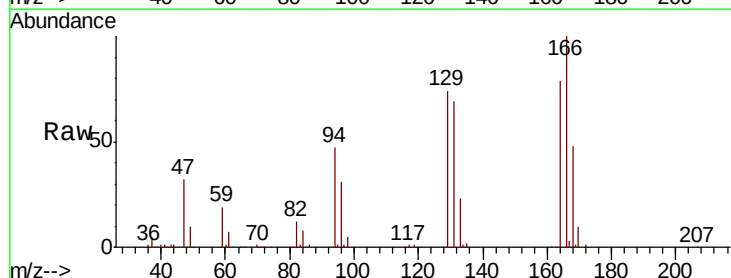
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

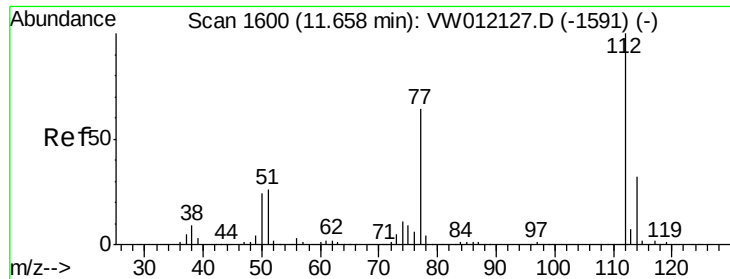
Tgt Ion:117 Resp: 284416
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 21.923 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion:164 Resp: 40425
Ion Ratio Lower Upper
164 100
166 127.2 102.4 153.6
129 94.3 75.8 113.6
131 87.7 71.4 107.2

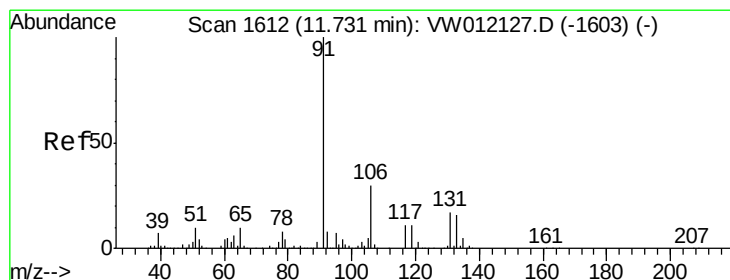
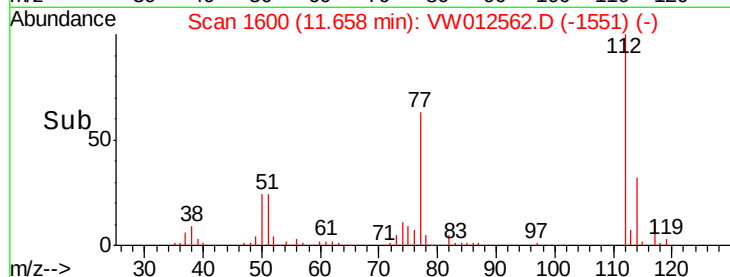
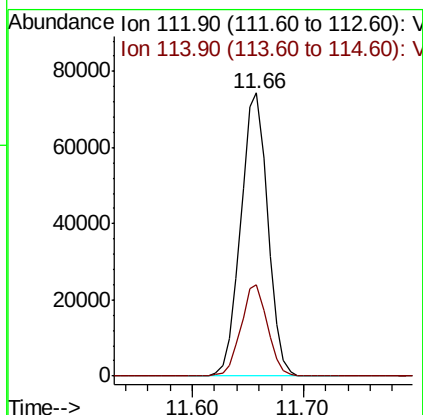
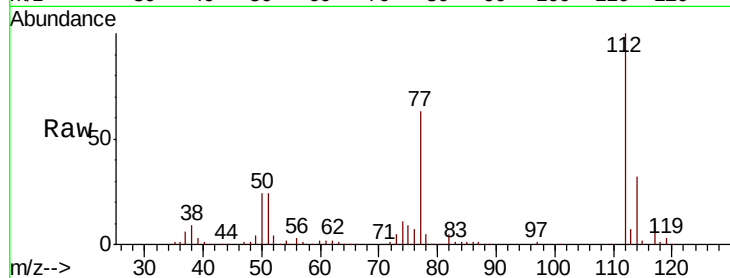




#65
Chlorobenzene
Concen: 22.346 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

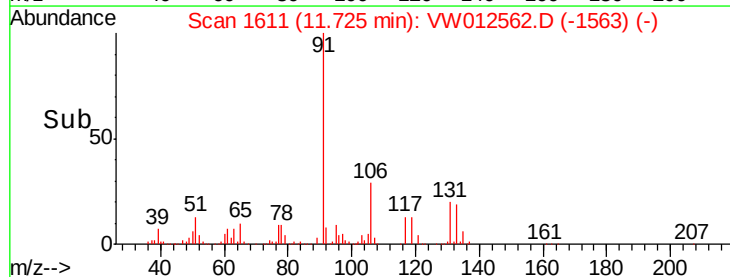
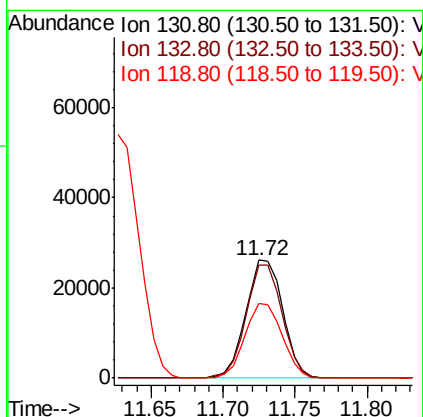
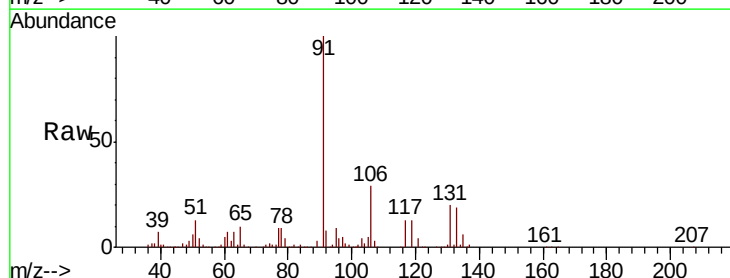
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

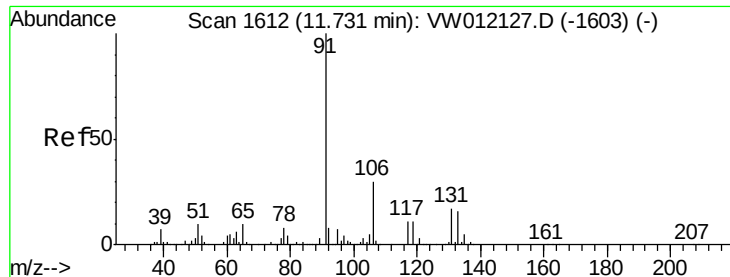
Tgt Ion:112 Resp: 125147
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.612 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion:131 Resp: 46132
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 63.8 31.8 95.3

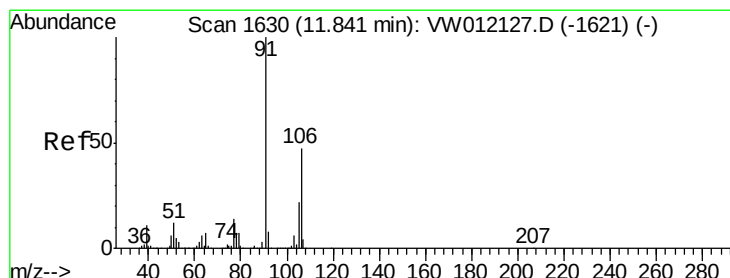
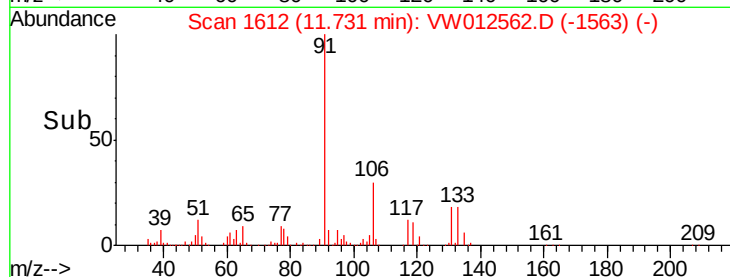
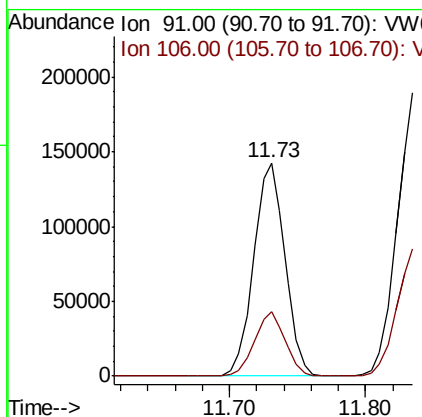
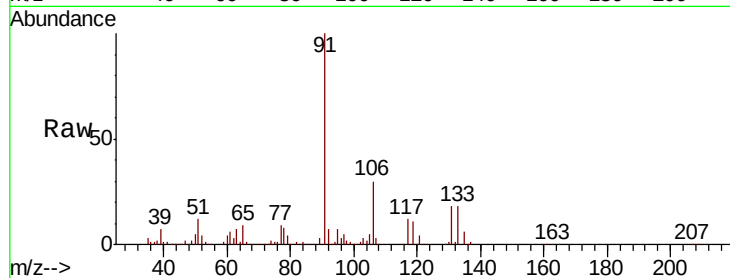




#67
Ethyl Benzene
Concen: 21.390 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

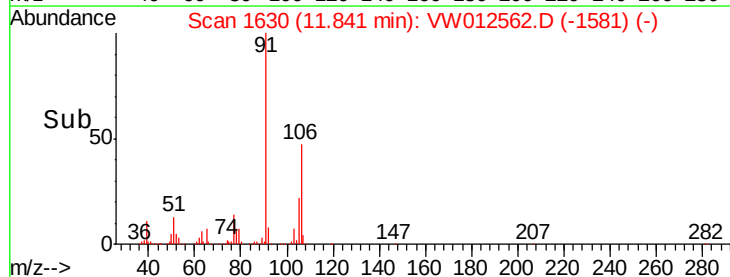
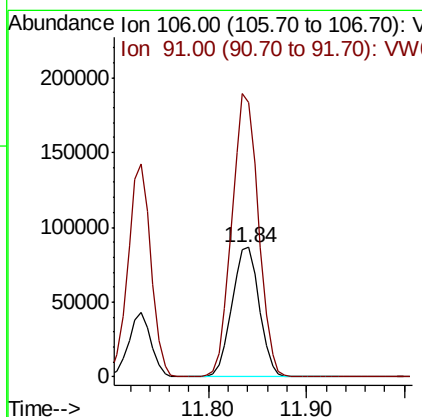
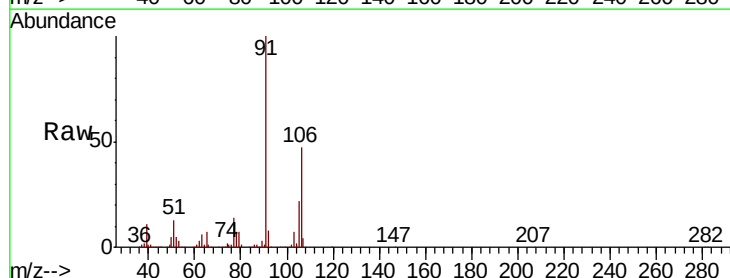
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

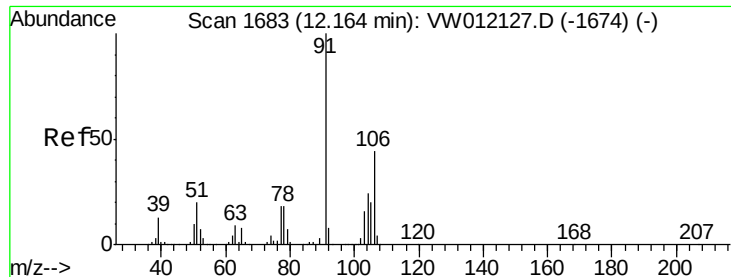
Tgt Ion: 91 Resp: 230760
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 43.142 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion: 106 Resp: 167653
Ion Ratio Lower Upper
106 100
91 212.8 169.5 254.3

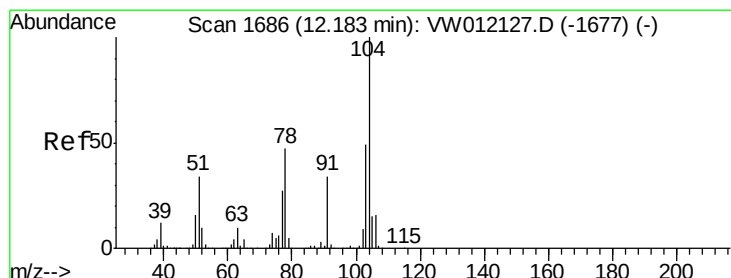
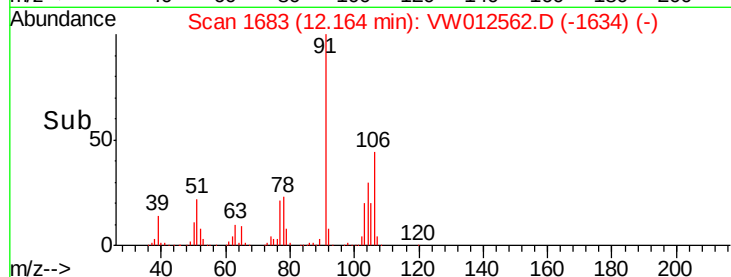
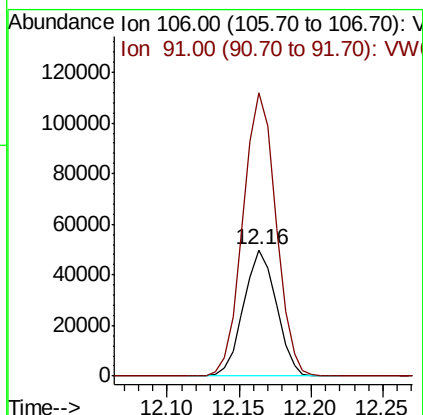
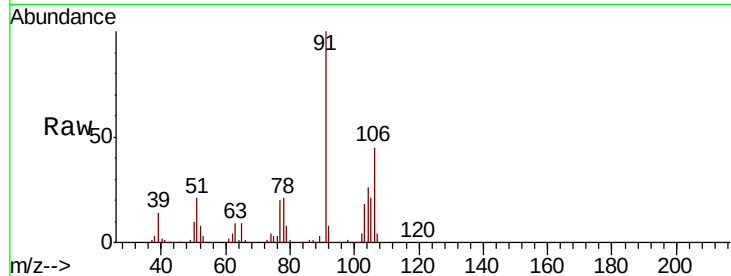




#69
o-Xylene
Concen: 21.890 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

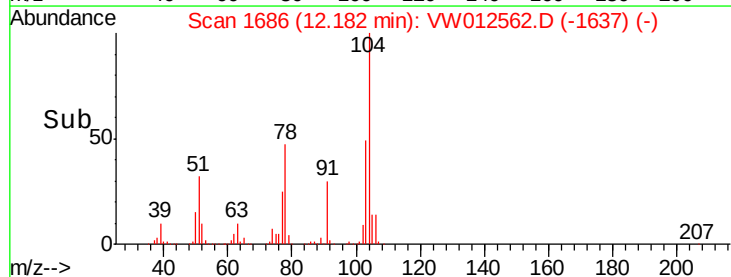
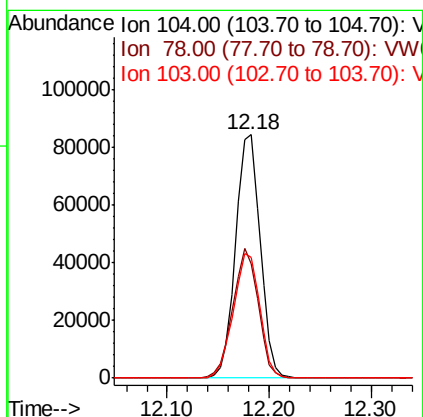
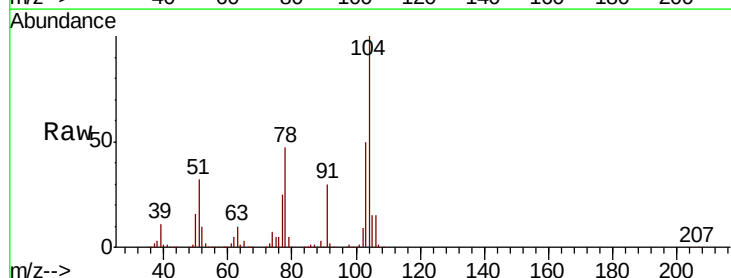
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

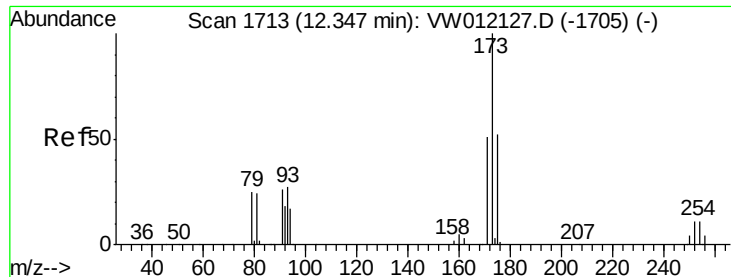
Tgt Ion:106 Resp: 78732
Ion Ratio Lower Upper
106 100
91 226.3 111.6 334.6



#70
Styrene
Concen: 22.533 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion:104 Resp: 140276
Ion Ratio Lower Upper
104 100
78 55.0 43.1 64.7
103 54.9 43.5 65.3





#71

Bromoform

Concen: 24.231 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

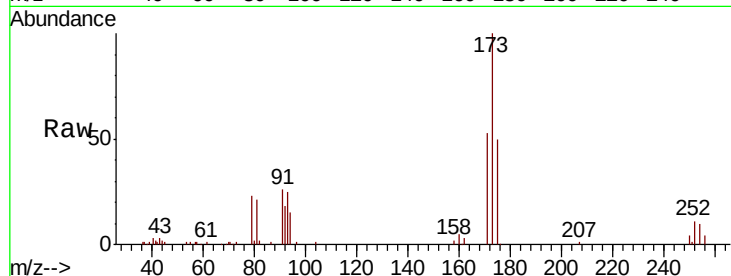
Tgt Ion:173 Resp: 23587

Ion Ratio Lower Upper

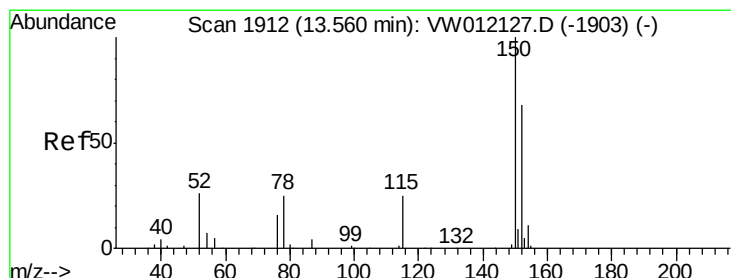
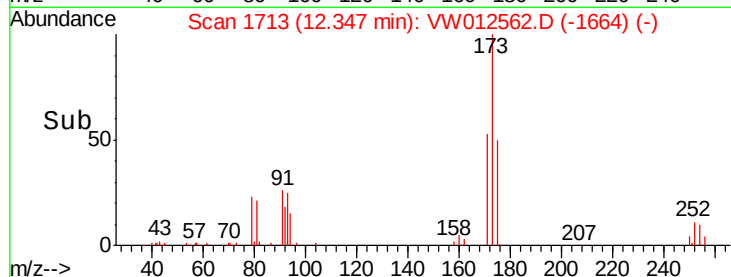
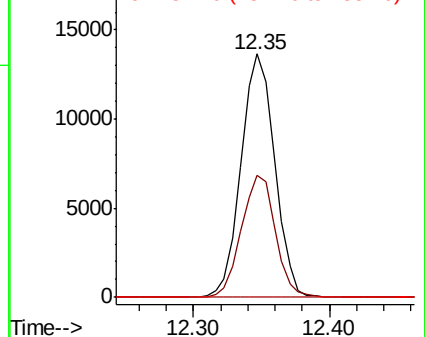
173 100

175 50.4 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: VW012562.D

Acq: 03 Sep 2019 23:14

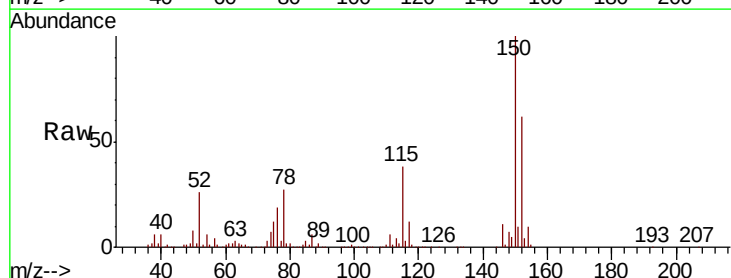
Tgt Ion:152 Resp: 141309

Ion Ratio Lower Upper

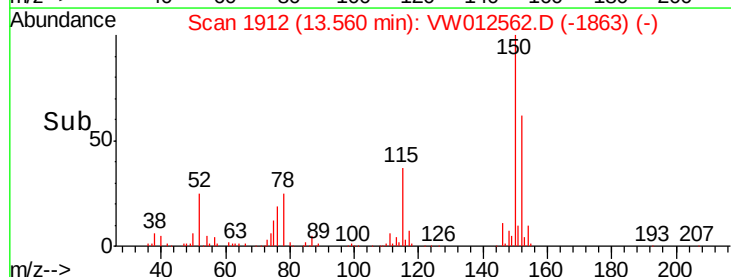
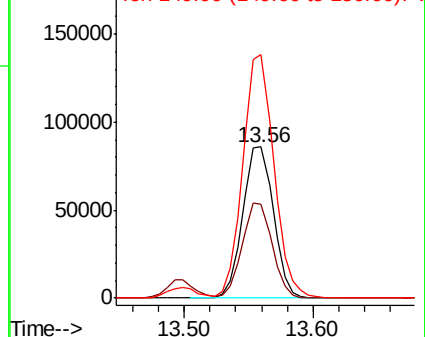
152 100

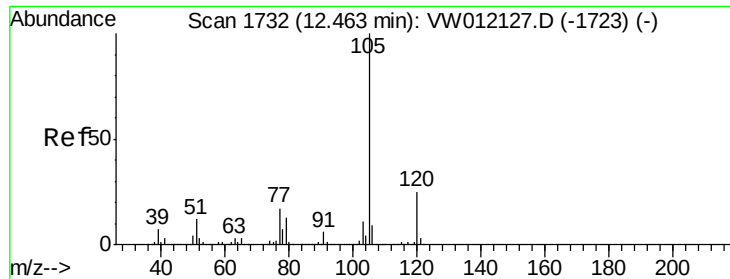
115 61.4 30.1 90.3

150 163.3 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

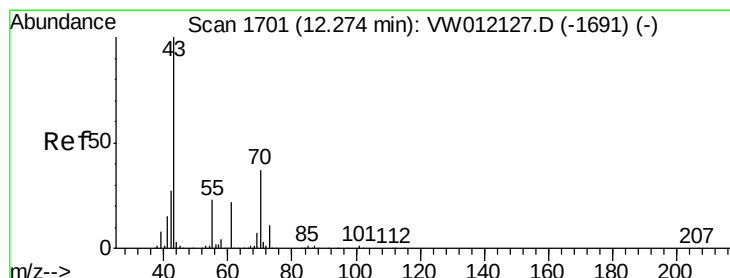
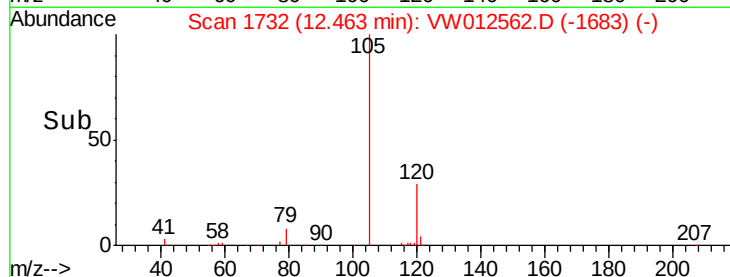
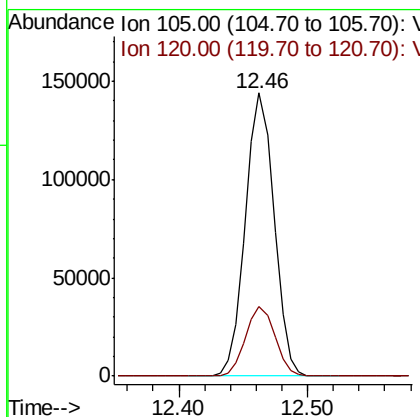
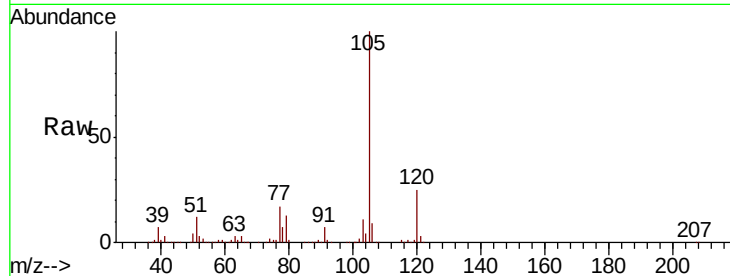




#73
Isopropylbenzene
Concen: 20.947 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

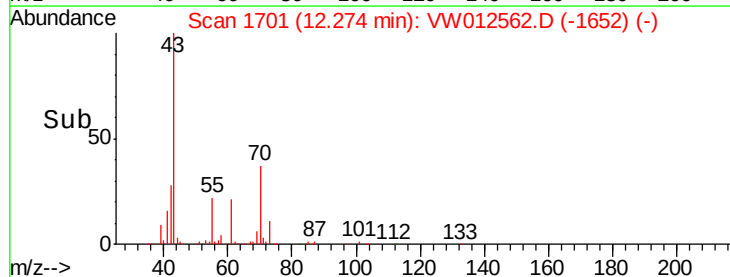
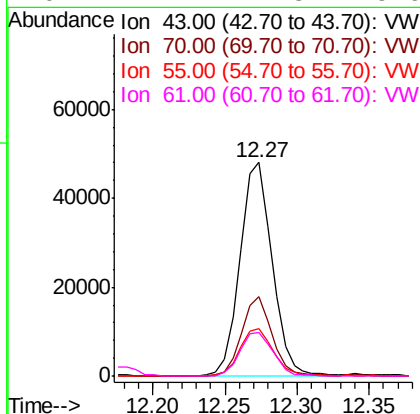
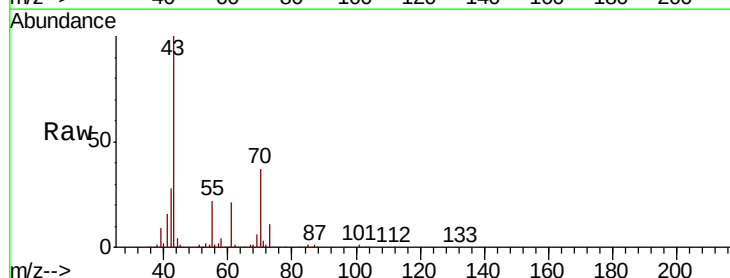
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

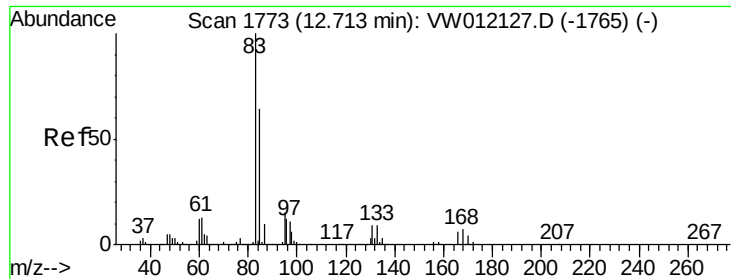
Tgt Ion:105 Resp: 221795
Ion Ratio Lower Upper
105 100
120 25.2 12.5 37.5



#74
N-ethyl acetate
Concen: 23.337 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion: 43 Resp: 74656
Ion Ratio Lower Upper
43 100
70 34.9 28.6 43.0
55 22.9 17.8 26.6
61 21.1 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.705 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

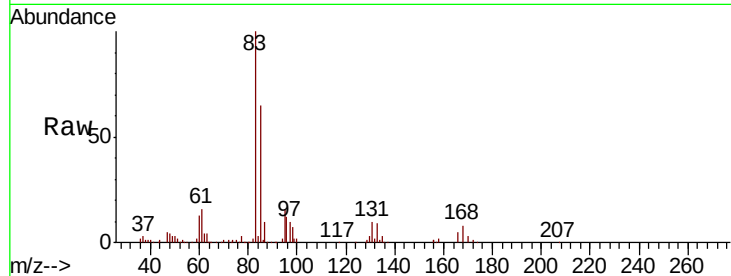
Tgt Ion: 83 Resp: 46015

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

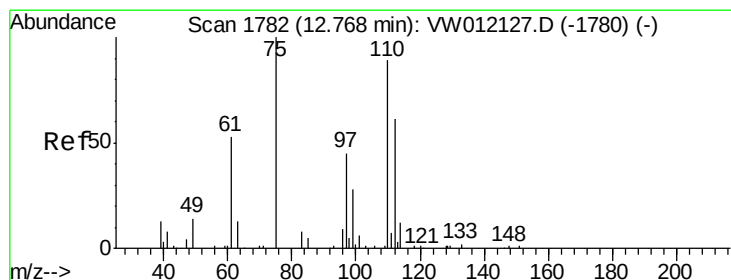
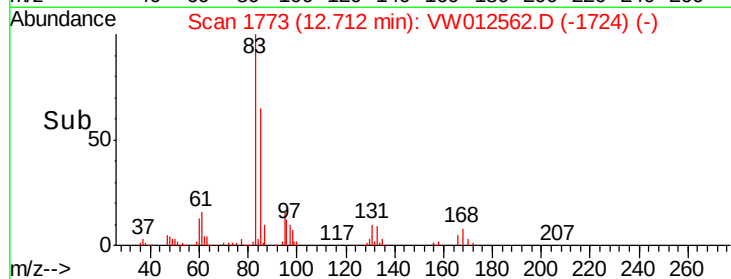
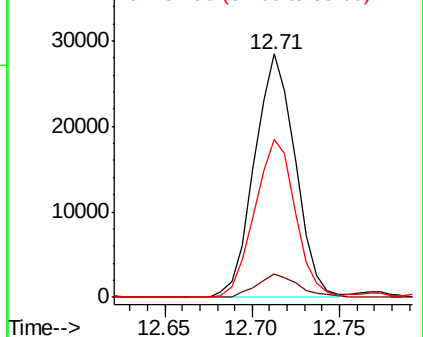
85 64.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.019 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012562.D

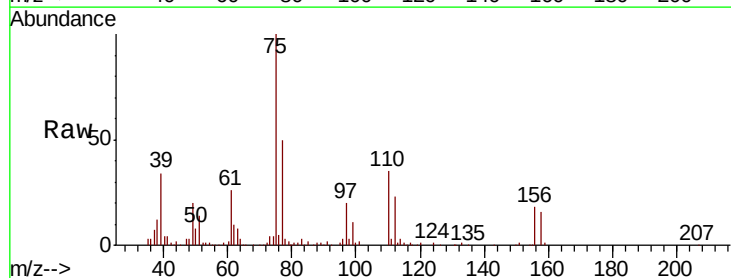
Acq: 03 Sep 2019 23:14

Tgt Ion: 75 Resp: 59205

Ion Ratio Lower Upper

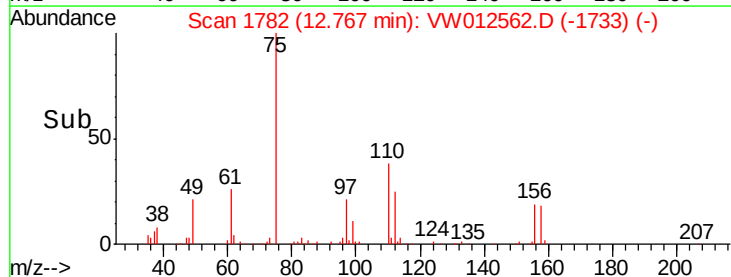
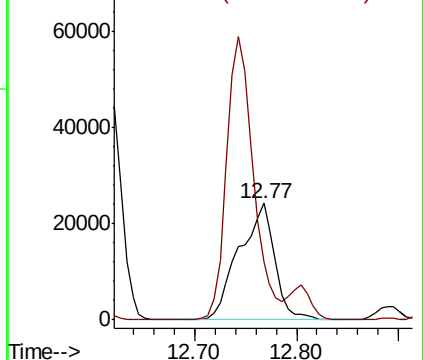
75 100

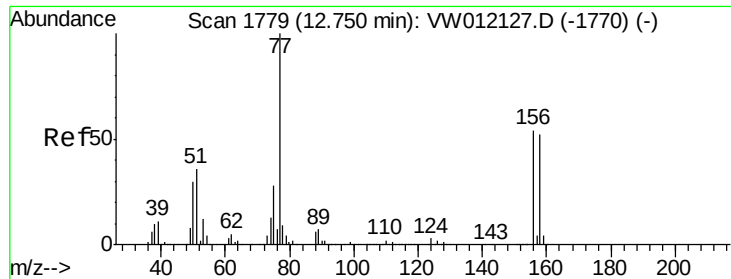
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

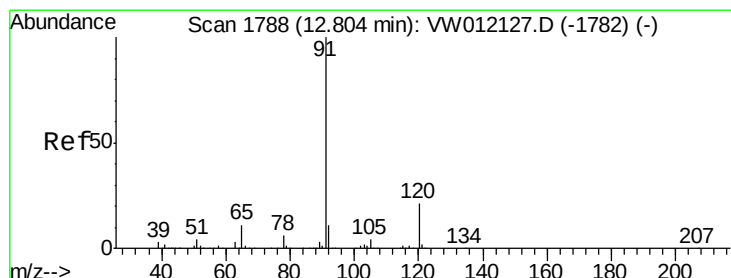
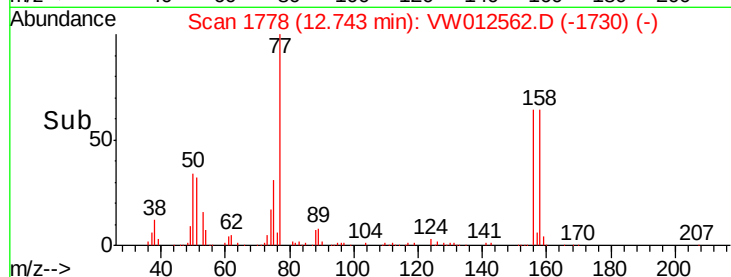
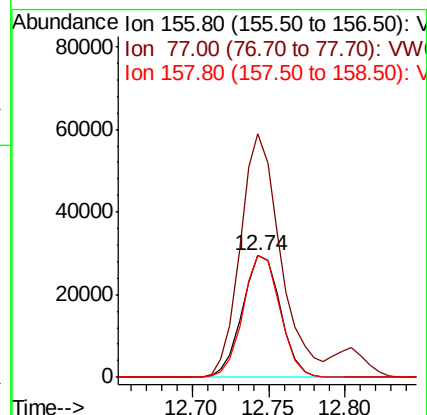
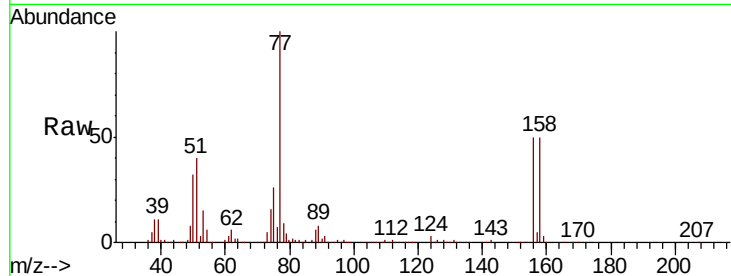




#77
Bromobenzene
Concen: 22.244 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

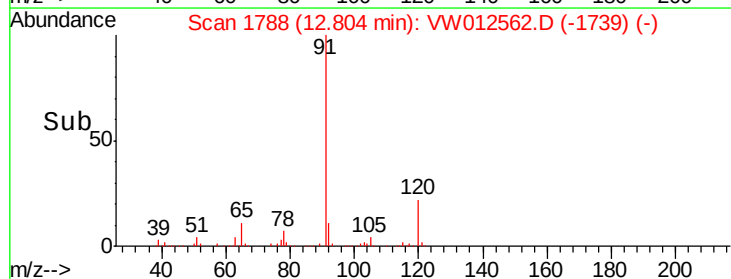
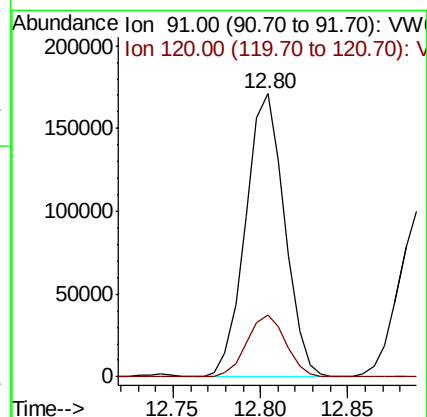
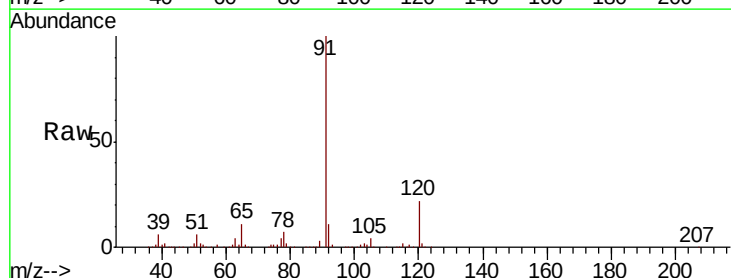
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBS04

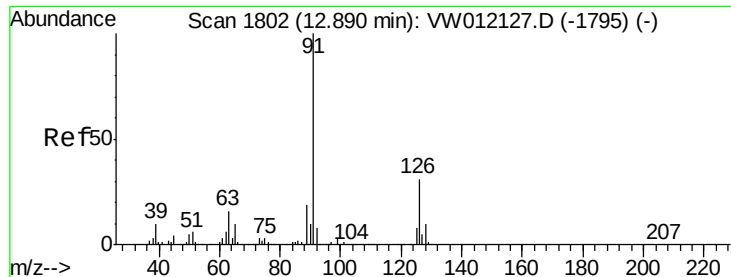
Tgt Ion:156 Resp: 50955
Ion Ratio Lower Upper
156 100
77 212.0 107.3 321.8
158 97.7 49.0 147.0



#78
n-propylbenzene
Concen: 20.498 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012562.D
Acq: 03 Sep 2019 23:14

Tgt Ion: 91 Resp: 264962
Ion Ratio Lower Upper
91 100
120 21.9 10.5 31.6





#79

2-Chlorotoluene

Concen: 21.725 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampled :

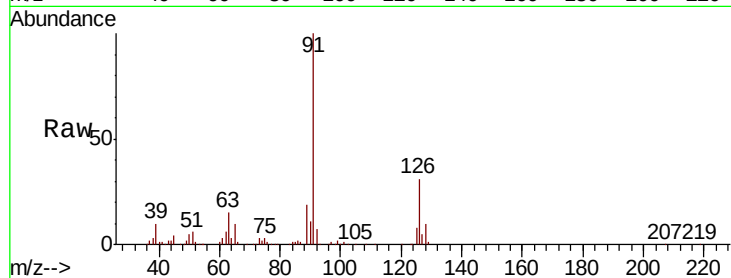
VW0903SBS04

Tgt Ion: 91 Resp: 159441

Ion Ratio Lower Upper

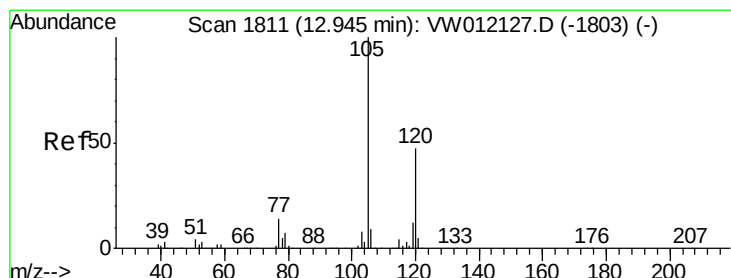
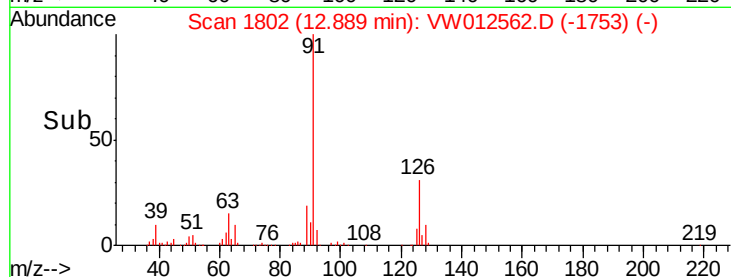
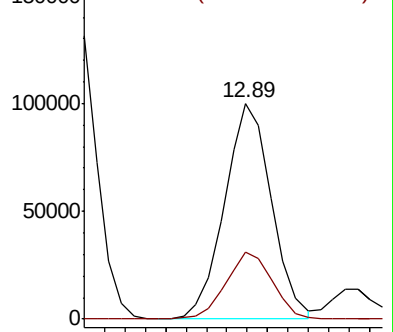
91 100

126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.511 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012562.D

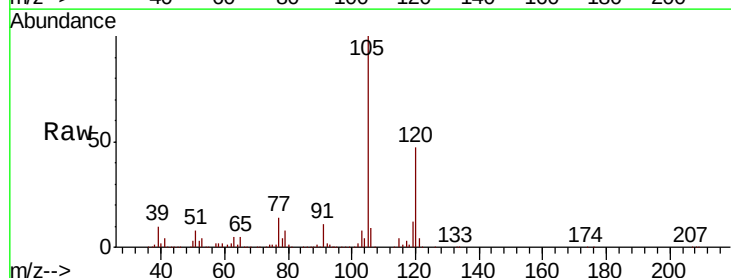
Acq: 03 Sep 2019 23:14

Tgt Ion: 105 Resp: 190324

Ion Ratio Lower Upper

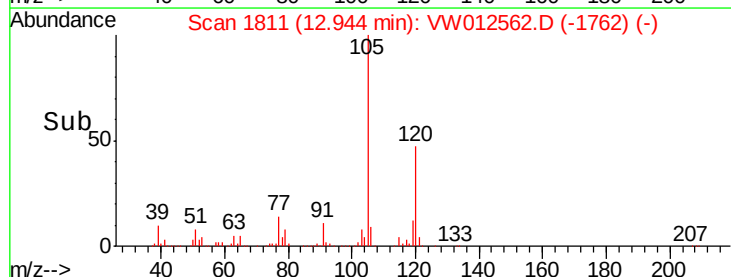
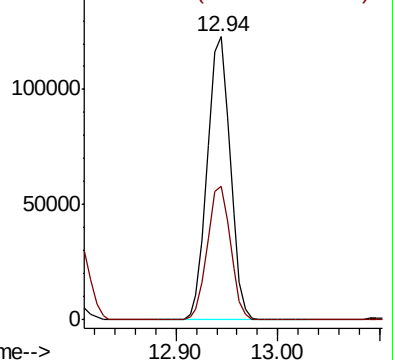
105 100

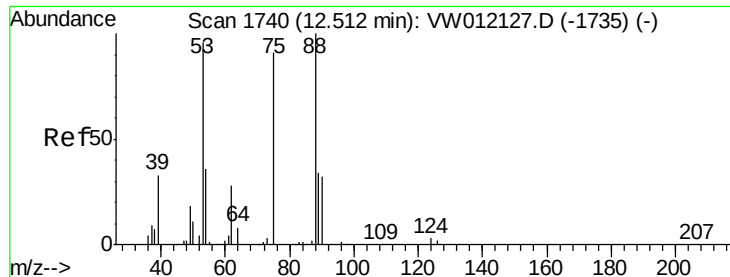
120 47.8 24.0 72.0



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: 21.700 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

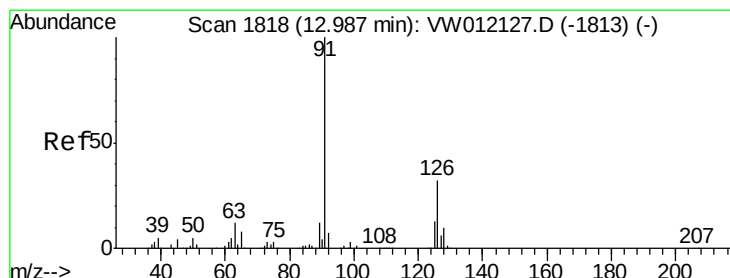
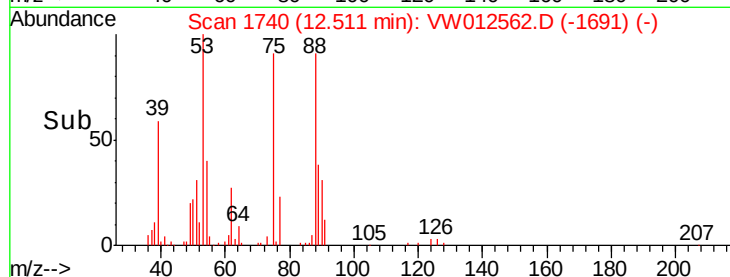
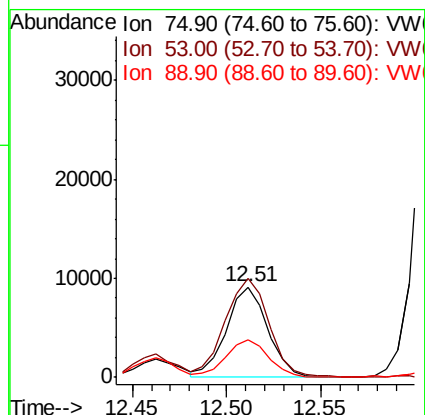
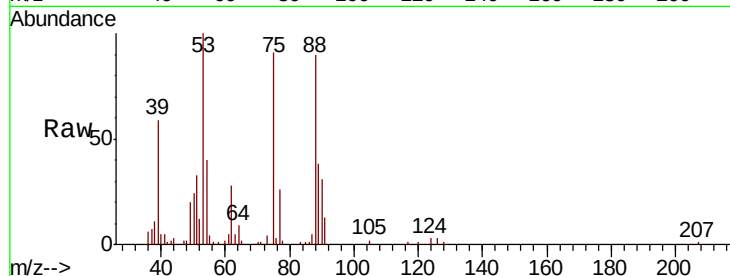
Tgt Ion: 75 Resp: 13621

Ion Ratio Lower Upper

75 100

53 118.9 89.4 134.0

89 43.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 21.603 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012562.D

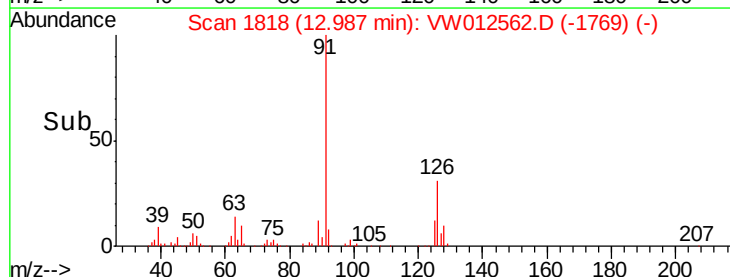
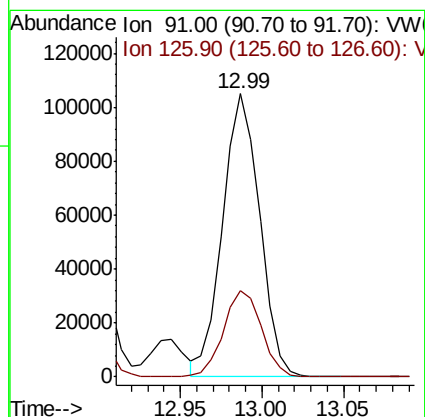
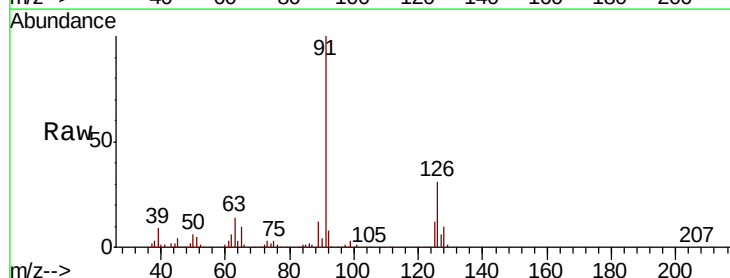
Acq: 03 Sep 2019 23:14

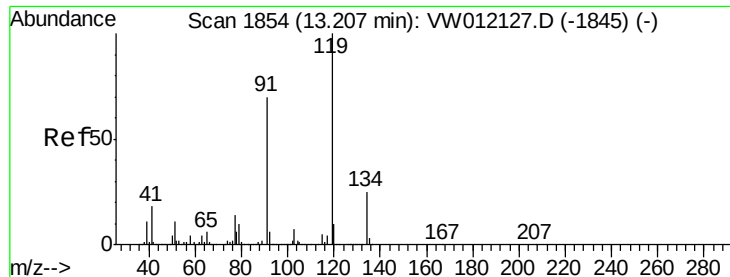
Tgt Ion: 91 Resp: 166006

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8





#83

tert-Butylbenzene

Concen: 21.882 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

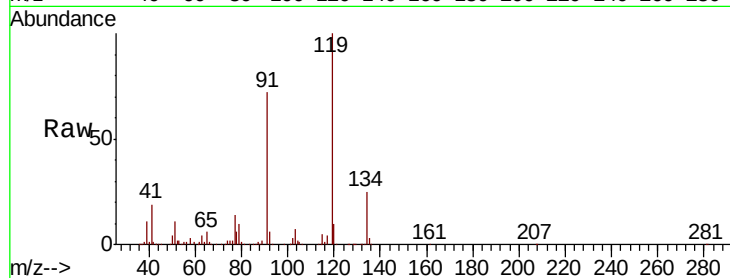
Tgt Ion:119 Resp: 163998

Ion Ratio Lower Upper

119 100

91 68.8 34.8 104.3

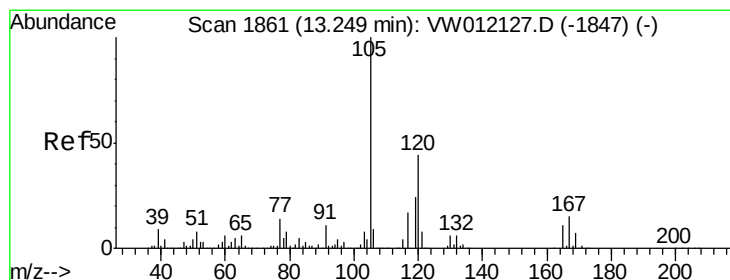
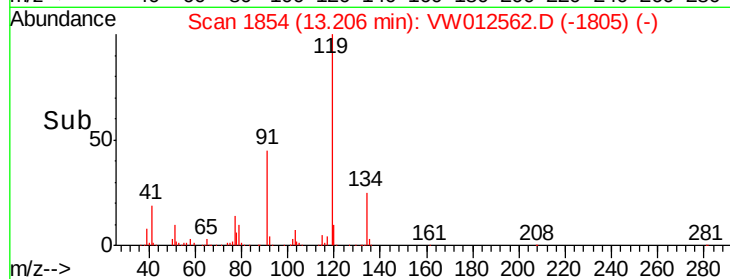
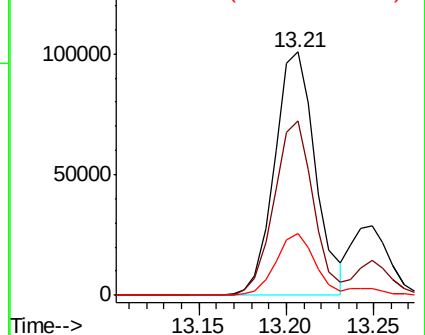
134 24.6 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.665 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012562.D

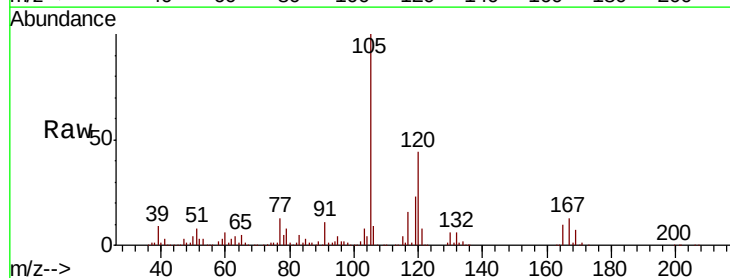
Acq: 03 Sep 2019 23:14

Tgt Ion:105 Resp: 192551

Ion Ratio Lower Upper

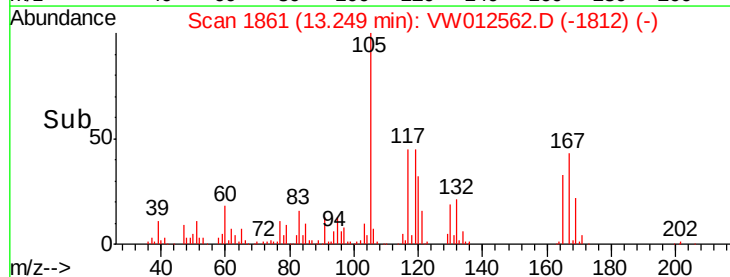
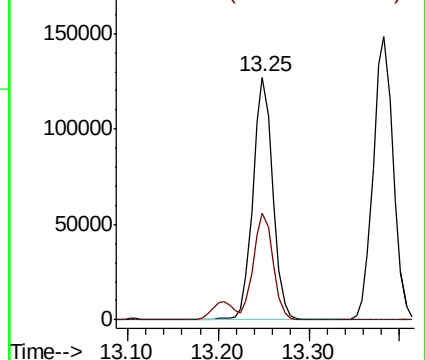
105 100

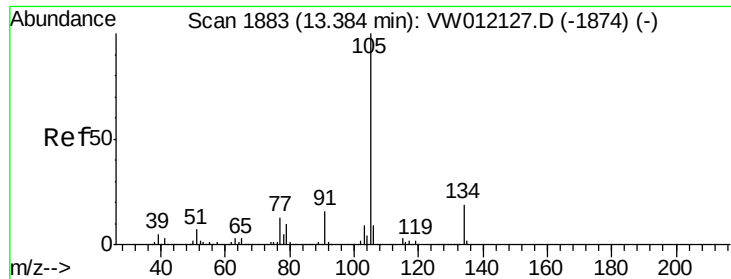
120 43.3 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

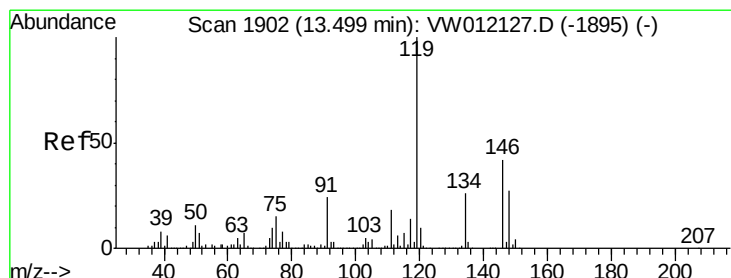
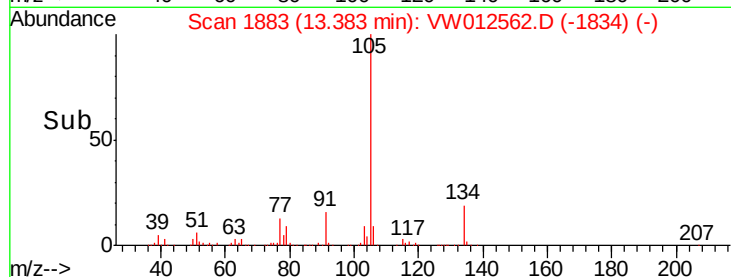
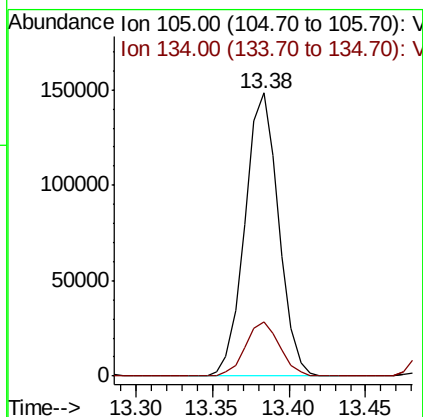
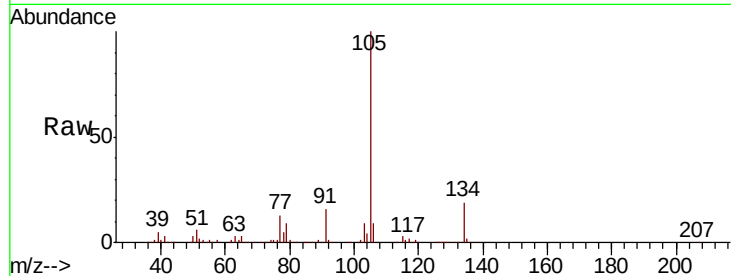




#85
 sec-Butylbenzene
 Concen: 21.107 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

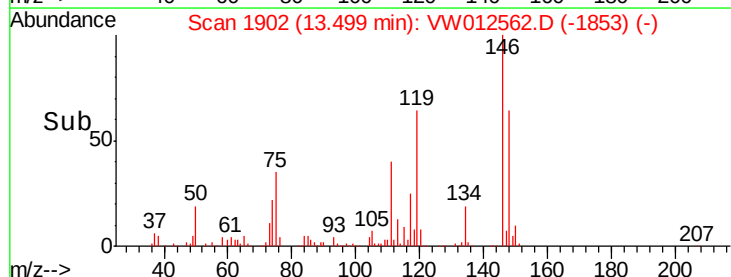
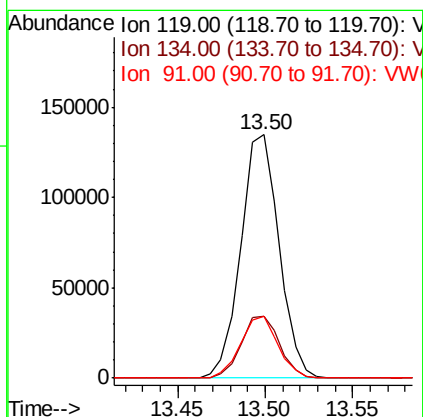
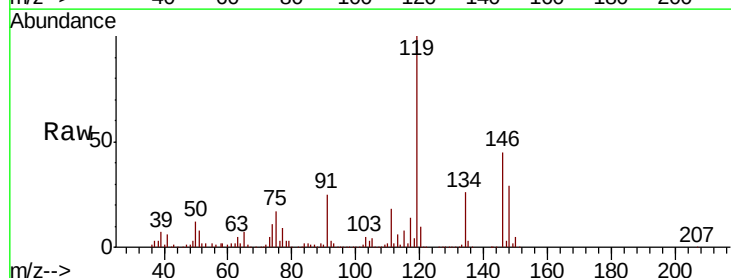
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

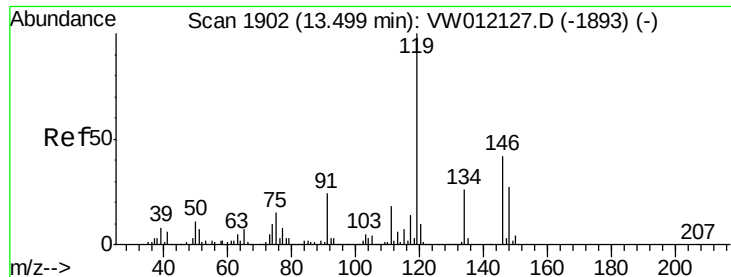
Tgt Ion:105 Resp: 226634
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.344 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion:119 Resp: 204673
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 25.1 12.3 36.9

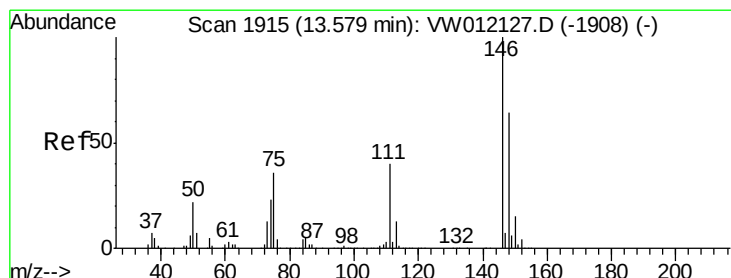
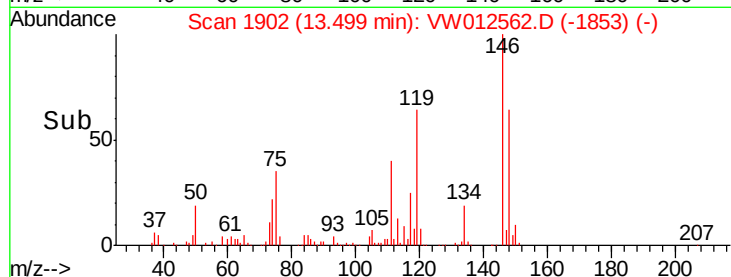
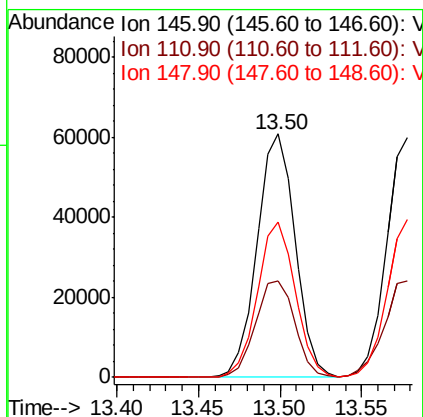
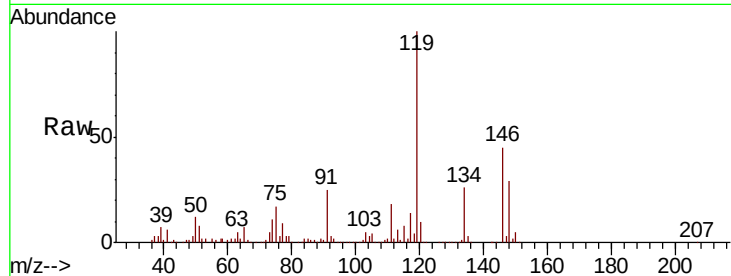




#87
 1,3-Dichlorobenzene
 Concen: 22.100 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

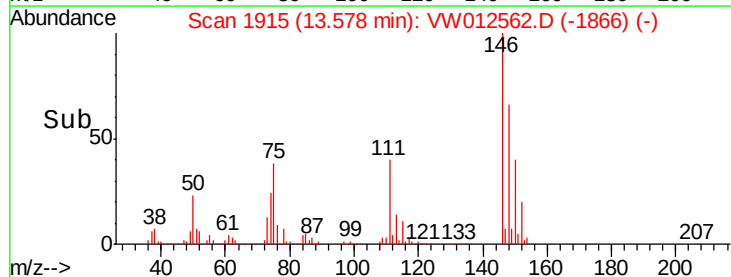
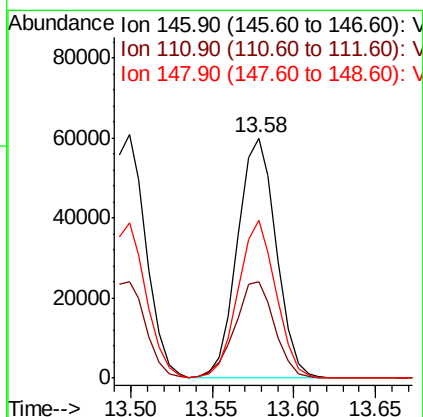
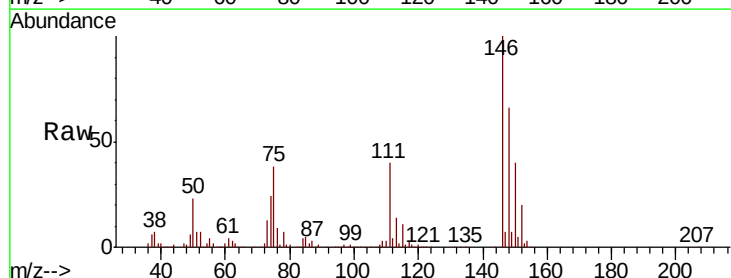
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

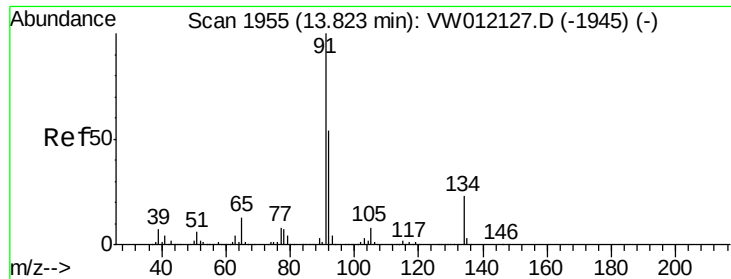
Tgt Ion:146 Resp: 99022
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.9 62.7
 148 63.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 22.258 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion:146 Resp: 99021
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.0 60.0
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 20.246 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampled :

VW0903SBS04

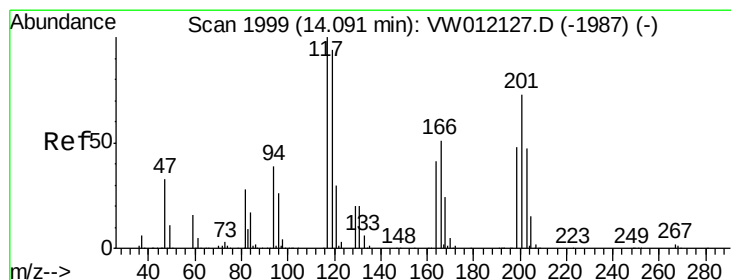
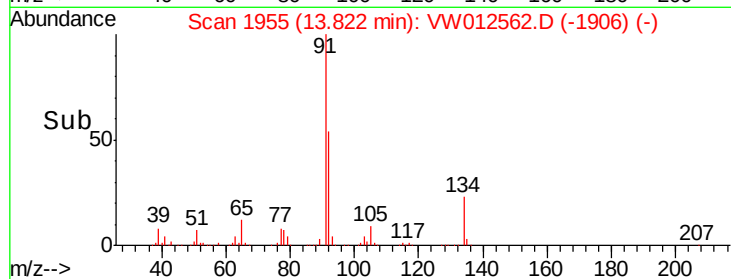
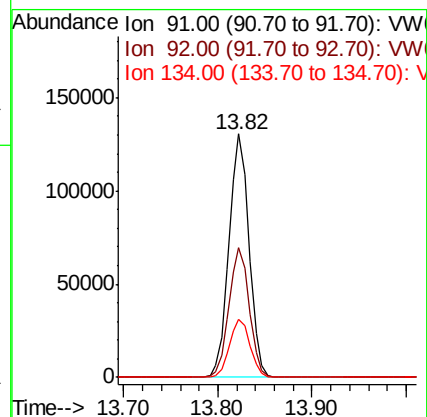
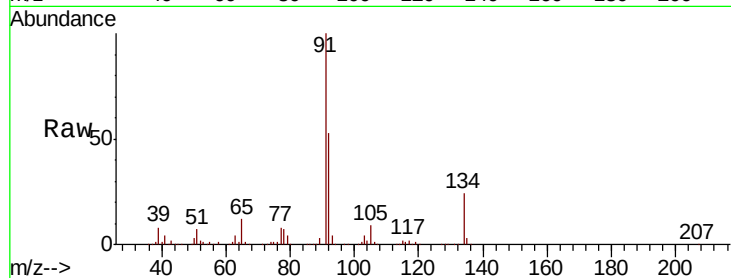
Tgt Ion: 91 Resp: 193069

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

134 24.3 12.2 36.4



#90

Hexachloroethane

Concen: 21.315 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012562.D

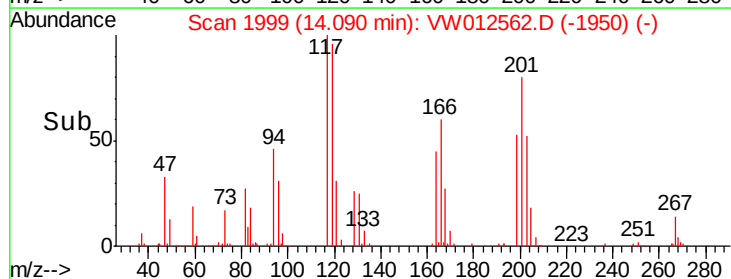
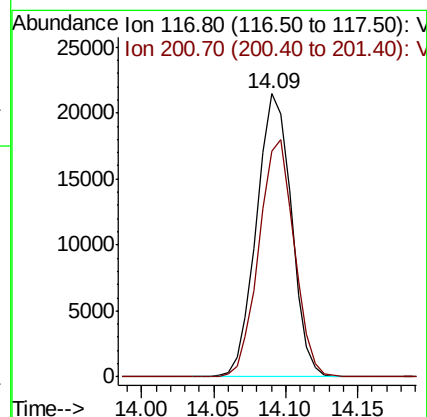
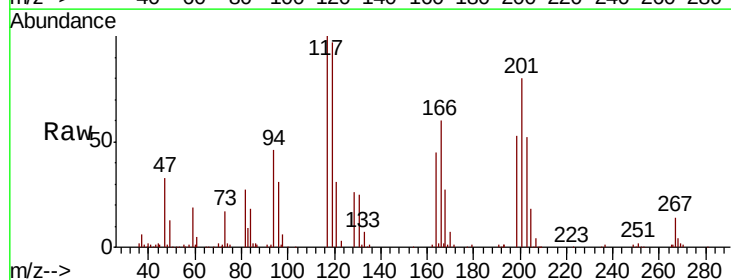
Acq: 03 Sep 2019 23:14

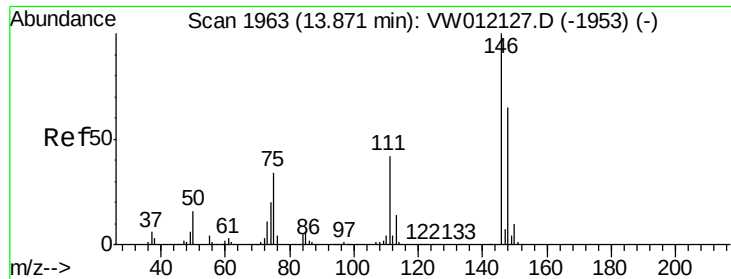
Tgt Ion: 117 Resp: 35860

Ion Ratio Lower Upper

117 100

201 84.7 38.6 115.7

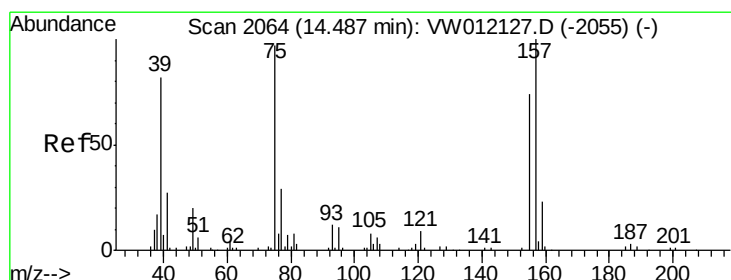
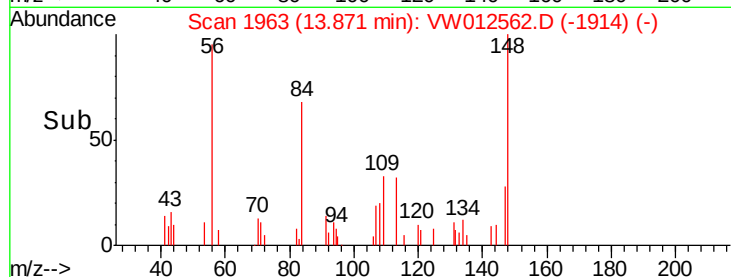
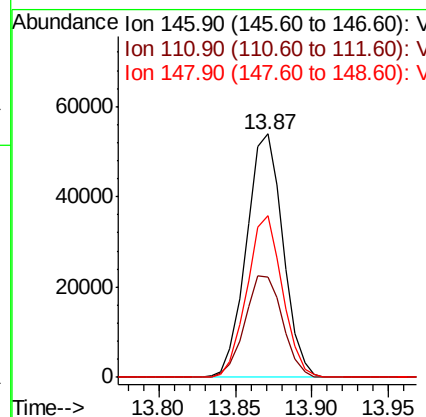
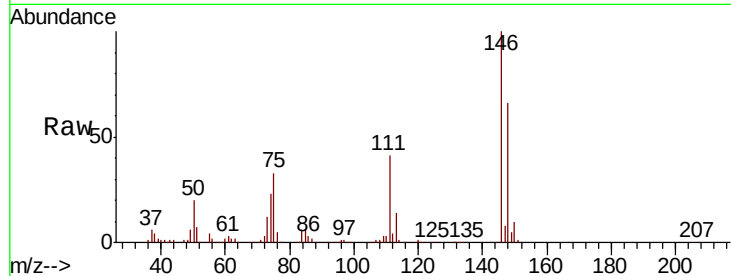




#91
 1,2-Dichlorobenzene
 Concen: 22.813 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

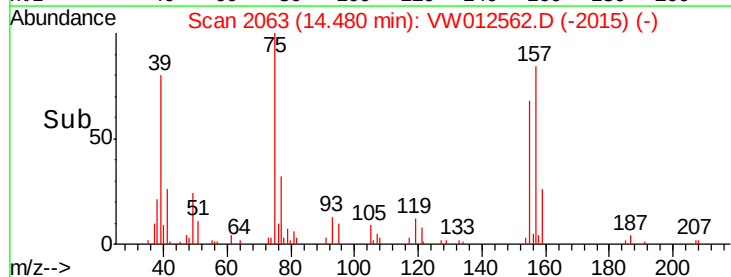
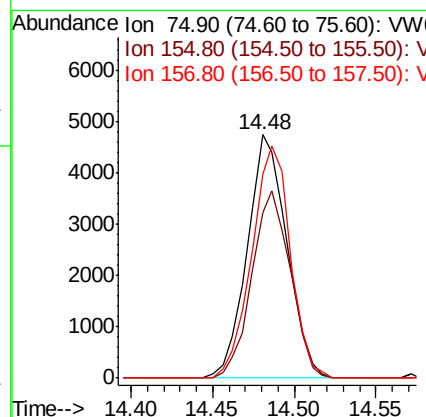
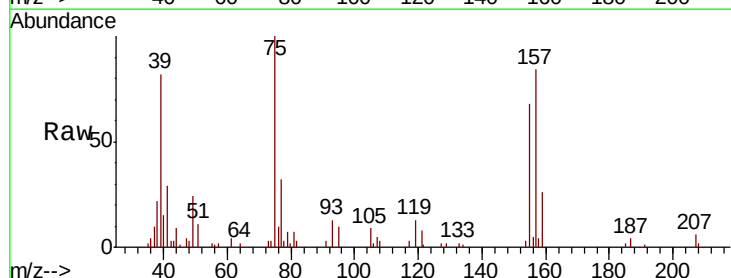
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

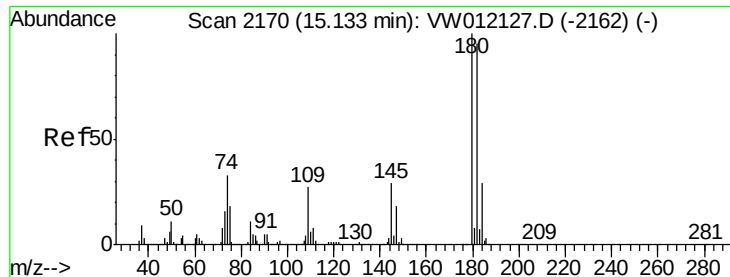
Tgt Ion: 146 Resp: 89670
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.2 63.6
 148 64.3 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.498 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion: 75 Resp: 8017
 Ion Ratio Lower Upper
 75 100
 155 74.9 37.5 112.3
 157 93.1 50.5 151.5

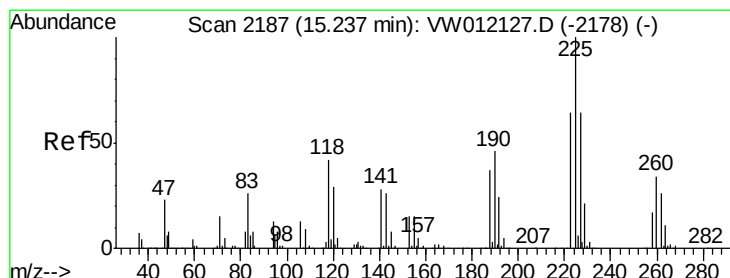
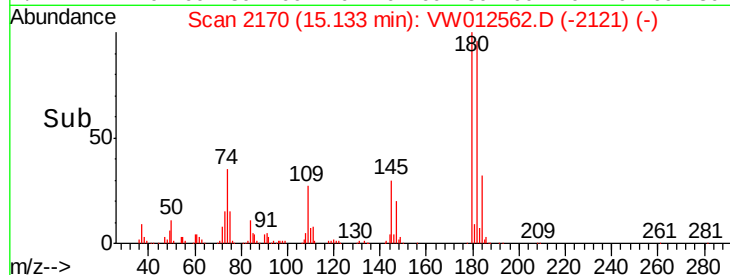
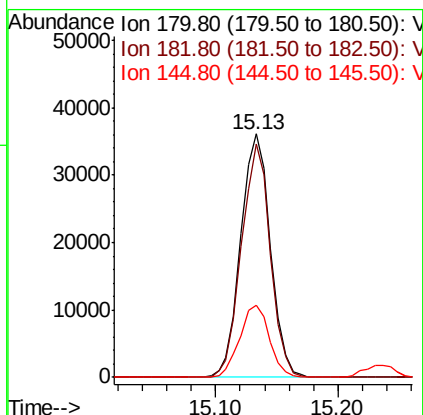
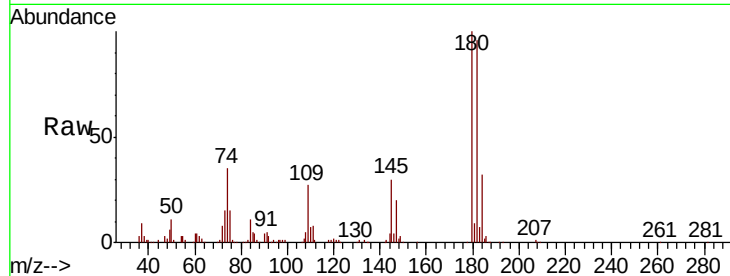




#93
 1,2,4-Trichlorobenzene
 Concen: 22.330 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

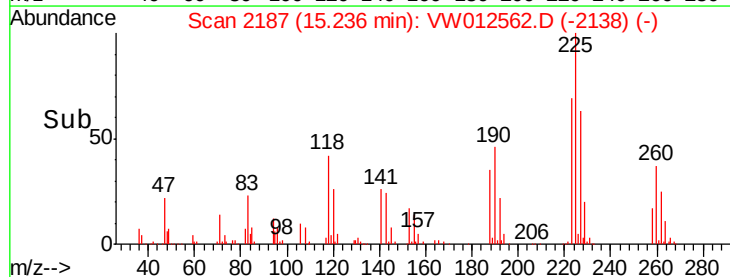
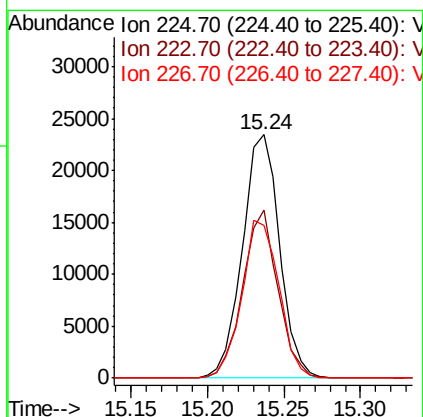
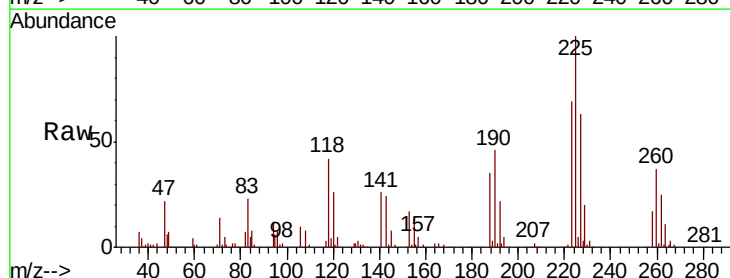
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS04

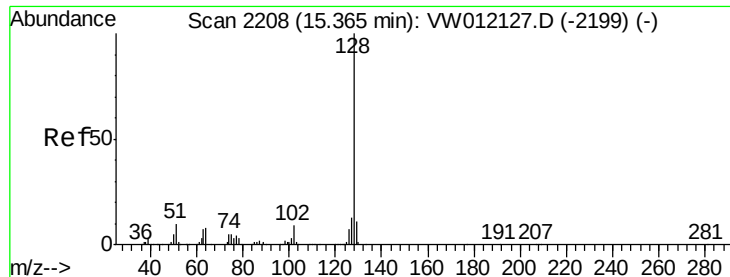
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.8	143.4
145	29.8	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 22.097 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012562.D
 Acq: 03 Sep 2019 23:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.3	96.8
227	64.7	32.9	98.6





#95

Naphthalene

Concen: 23.489 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBS04

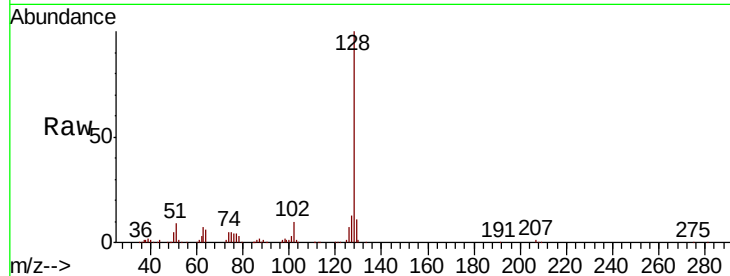
Tgt Ion:128 Resp: 111834

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

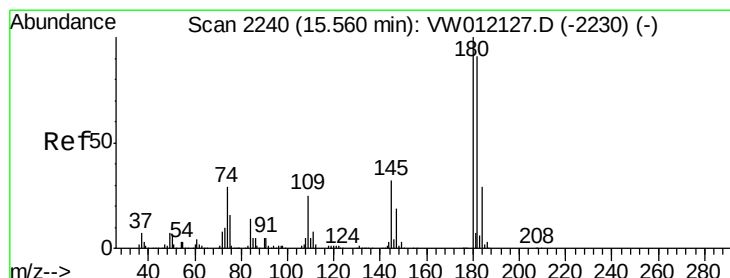
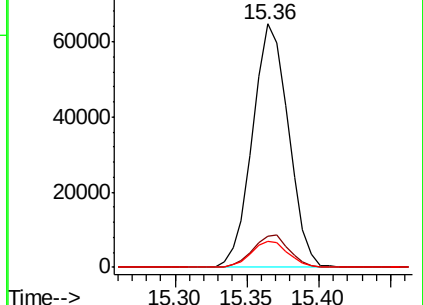
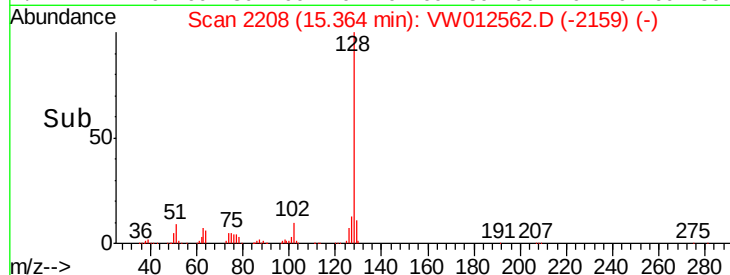
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.293 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW012562.D

Acq: 03 Sep 2019 23:14

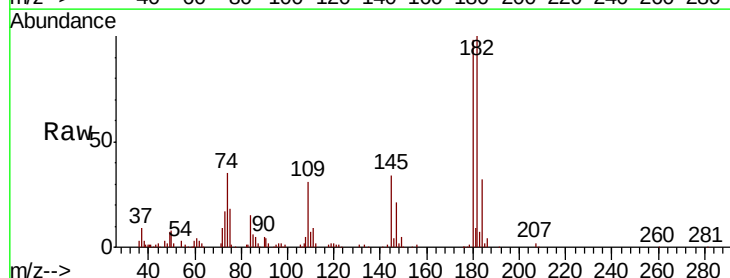
Tgt Ion:180 Resp: 52832

Ion Ratio Lower Upper

180 100

182 97.9 47.1 141.3

145 34.0 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

