

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012514.D
 Acq On : 02 Sep 2019 22:55
 Operator : SY/VA
 Sample : VW0902SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

Quant Time: Sep 03 07:43:29 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	191165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	121324	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	7.88	113	93271	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.32	98	372884	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.62	95	134483	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18328	15.571	ug/l	94
3) Chloromethane	2.21	50	31280	17.153	ug/l	99
4) Vinyl Chloride	2.36	62	36217	16.226	ug/l	97
5) Bromomethane	2.76	94	19743	17.465	ug/l	93
6) Chloroethane	2.92	64	21325	16.936	ug/l	96
7) Trichlorofluoromethane	3.25	101	19383	17.294	ug/l	94
8) Diethyl Ether	3.68	74	22844	21.473	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36975	19.409	ug/l	96
10) Methyl Iodide	4.26	142	49045	19.027	ug/l	99
11) Tert butyl alcohol	5.18	59	17870	130.670	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	35853	18.698	ug/l	99
13) Acrolein	3.89	56	10465	81.293	ug/l	98
14) Allyl chloride	4.67	41	78437	19.134	ug/l	100
15) Acrylonitrile	5.36	53	64768	122.830	ug/l	99
16) Acetone	4.12	43	55489	95.523	ug/l	95
17) Carbon Disulfide	4.38	76	86329	14.897	ug/l	98
18) Methyl Acetate	4.67	43	36818	25.590	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	74953	24.172	ug/l	99
20) Methylene Chloride	4.91	84	42193	19.213	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	38273	18.613	ug/l	98
22) Diisopropyl ether	6.31	45	161160	21.210	ug/l	99
23) Vinyl Acetate	6.25	43	500317	106.993	ug/l	98
24) 1,1-Dichloroethane	6.21	63	84335	20.385	ug/l	99
25) 2-Butanone	7.17	43	89746	113.693	ug/l	100
26) 2,2-Dichloropropane	7.16	77	44497	19.002	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	45462	20.694	ug/l	97
28) Bromochloromethane	7.51	49	37912	21.025	ug/l	94
29) Tetrahydrofuran	7.52	42	57989	122.446	ug/l	97
30) Chloroform	7.67	83	78845	20.830	ug/l	99
31) Cyclohexane	7.95	56	71822	17.547	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	62103	20.740	ug/l	99
36) 1,1-Dichloropropene	8.08	75	60882	19.614	ug/l	99
37) Ethyl Acetate	7.25	43	42380	24.916	ug/l	100
38) Carbon Tetrachloride	8.06	117	54894	20.433	ug/l	95

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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	65060	18.658	ug/l	97
40) Benzene	8.32	78	170973	20.172	ug/l	100
41) Methacrylonitrile	7.48	41	26083	26.091	ug/l	94
42) 1,2-Dichloroethane	8.40	62	58523	22.032	ug/l	99
43) Isopropyl Acetate	8.42	43	74222	23.558	ug/l	98
44) Trichloroethene	9.09	130	42230	20.496	ug/l	96
45) 1,2-Dichloropropane	9.37	63	46960	20.587	ug/l	99
46) Dibromomethane	9.46	93	22259	21.932	ug/l	96
47) Bromodichloromethane	9.64	83	58216	21.553	ug/l	95
48) Methyl methacrylate	9.43	41	35162	23.448	ug/l	97
49) 1,4-Dioxane	9.46	88	7930	510.395	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	197532	123.263	ug/l	100
52) Toluene	10.38	92	105590	20.738	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59725	21.707	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	68188	20.525	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33157	23.091	ug/l	95
56) Ethyl methacrylate	10.65	69	49199	23.541	ug/l	99
57) 1,3-Dichloropropane	10.93	76	62386	22.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	124479	116.055	ug/l	99
59) 2-Hexanone	10.97	43	132066	116.472	ug/l	99
60) Dibromochloromethane	11.13	129	36423	22.773	ug/l	99
61) 1,2-Dibromoethane	11.23	107	30920	23.113	ug/l	100
64) Tetrachloroethene	10.86	164	36461	21.387	ug/l	97
65) Chlorobenzene	11.66	112	107897	20.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	40049	22.171	ug/l	99
67) Ethyl Benzene	11.73	91	205334	20.586	ug/l	100
68) m/p-Xylenes	11.84	106	147681	41.104	ug/l	100
69) o-Xylene	12.16	106	70231	21.120	ug/l	99
70) Styrene	12.18	104	121901	21.179	ug/l	99
71) Bromoform	12.35	173	21412	23.792	ug/l #	99
73) Isopropylbenzene	12.46	105	201770	21.085	ug/l	99
74) N-amyl acetate	12.27	43	64908	22.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	41685	23.761	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	52056	41.854	ug/l #	100
77) Bromobenzene	12.74	156	44608	21.548	ug/l	99
78) n-propylbenzene	12.80	91	239625	20.512	ug/l	99
79) 2-Chlorotoluene	12.89	91	136163	20.530	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	167341	20.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12568	22.155	ug/l	97
82) 4-Chlorotoluene	12.99	91	142724	20.552	ug/l	99
83) tert-Butylbenzene	13.21	119	148186	21.878	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	165773	20.639	ug/l	98
85) sec-Butylbenzene	13.38	105	201553	20.770	ug/l	100
86) p-Isopropyltoluene	13.50	119	180983	20.884	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	85841	21.199	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	84015	20.896	ug/l	98
89) n-Butylbenzene	13.82	91	171421	19.891	ug/l	100
90) Hexachloroethane	14.09	117	31570	20.764	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	78108	21.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7421	25.092	ug/l	98

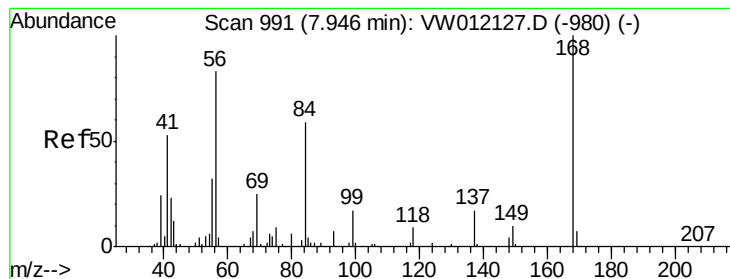
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	52446	21.365	ug/l	97
94) Hexachlorobutadiene	15.24	225	33625	20.745	ug/l	100
95) Naphthalene	15.36	128	101843	23.636	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	47942	22.384	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

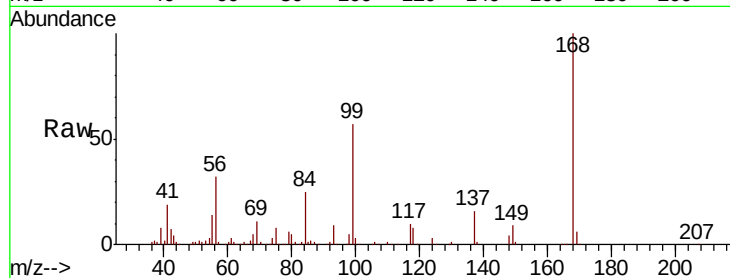
VW0902SBS02

Tgt Ion:168 Resp: 191165

Ion Ratio Lower Upper

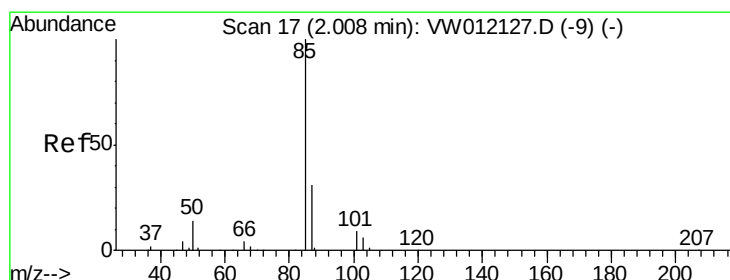
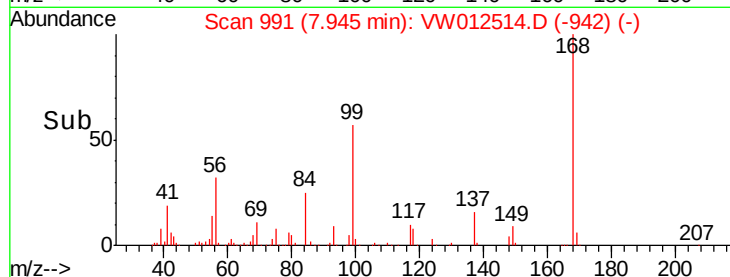
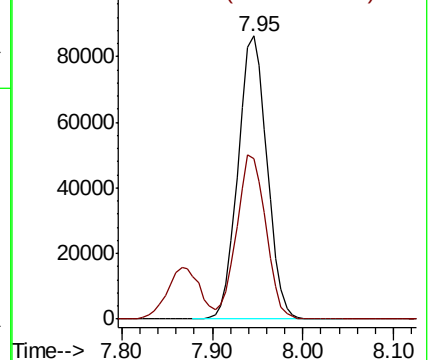
168 100

99 56.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 15.571 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012514.D

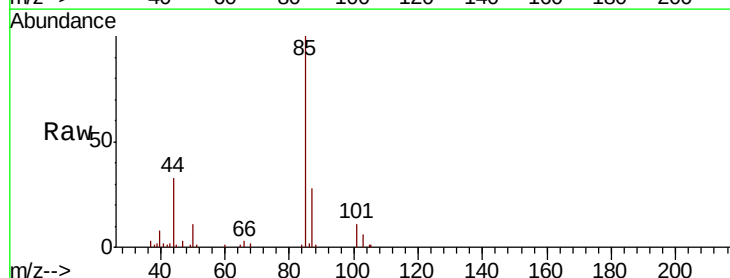
Acq: 02 Sep 2019 22:55

Tgt Ion: 85 Resp: 18328

Ion Ratio Lower Upper

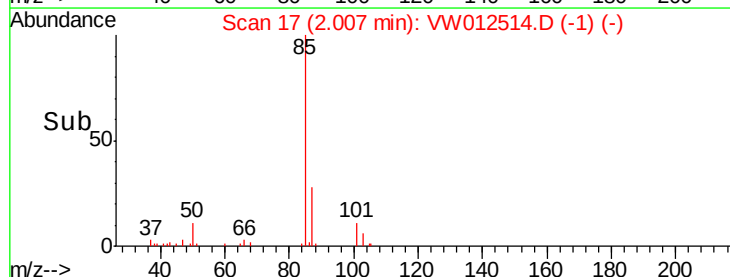
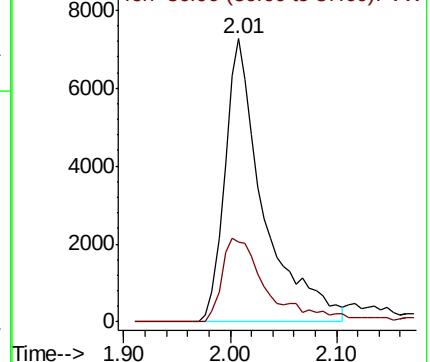
85 100

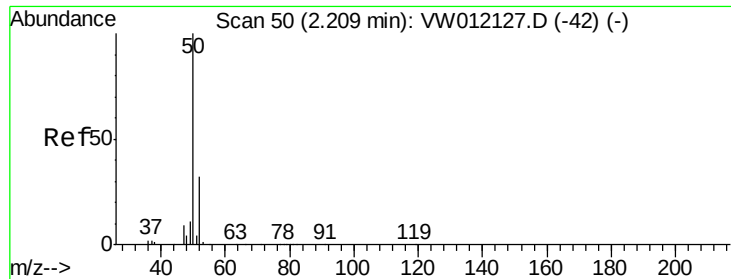
87 28.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.153 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

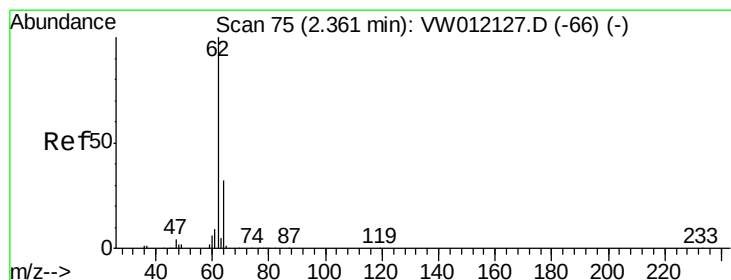
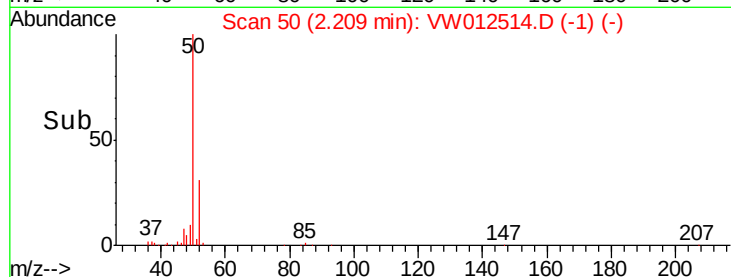
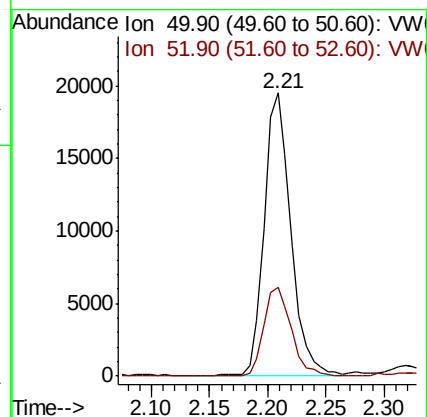
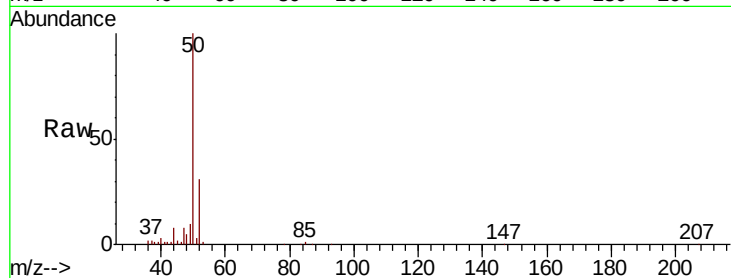
VW0902SBS02

Tgt Ion: 50 Resp: 31280

Ion Ratio Lower Upper

50 100

52 31.5 25.5 38.3



#4

Vinyl Chloride

Concen: 16.226 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012514.D

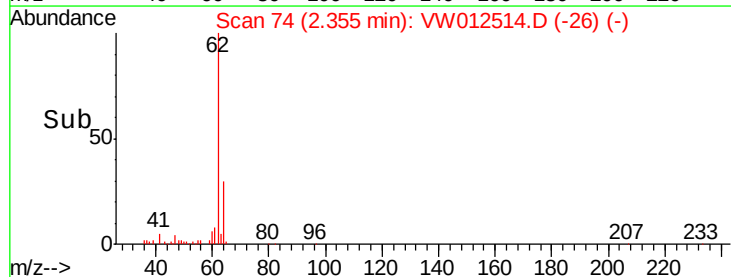
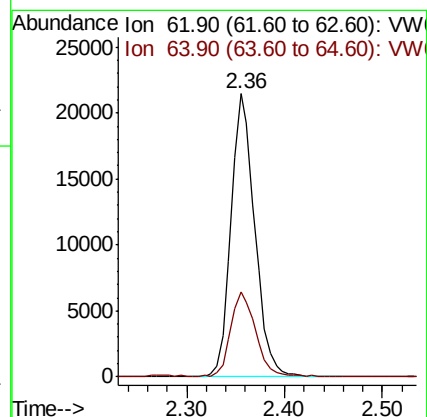
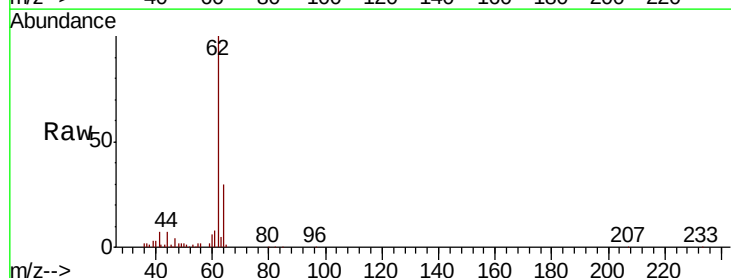
Acq: 02 Sep 2019 22:55

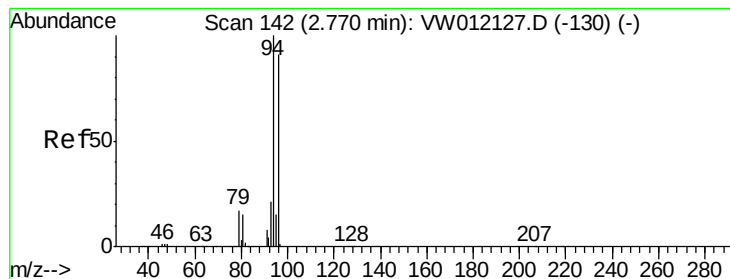
Tgt Ion: 62 Resp: 36217

Ion Ratio Lower Upper

62 100

64 29.9 25.3 37.9





#5

Bromomethane

Concen: 17.465 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

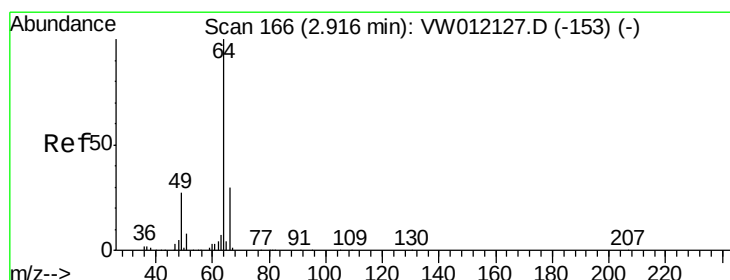
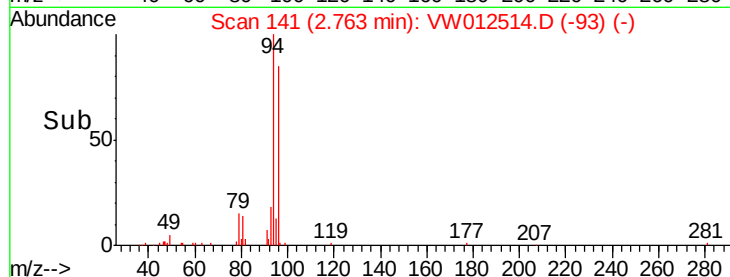
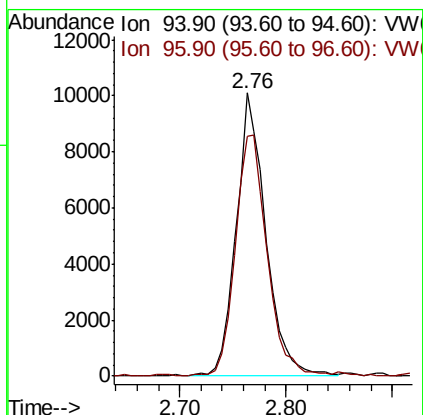
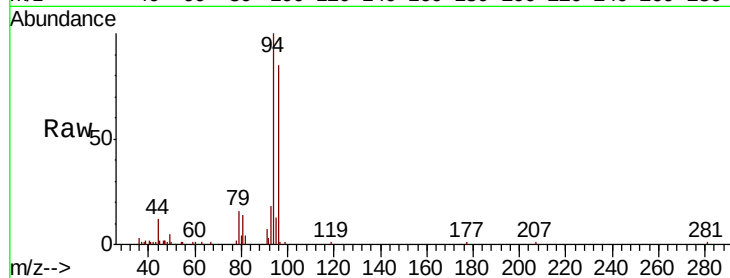
VW0902SBS02

Tgt Ion: 94 Resp: 19743

Ion Ratio Lower Upper

94 100

96 84.6 72.9 109.3



#6

Chloroethane

Concen: 16.936 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012514.D

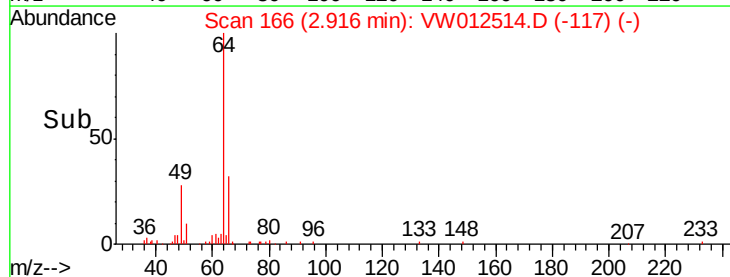
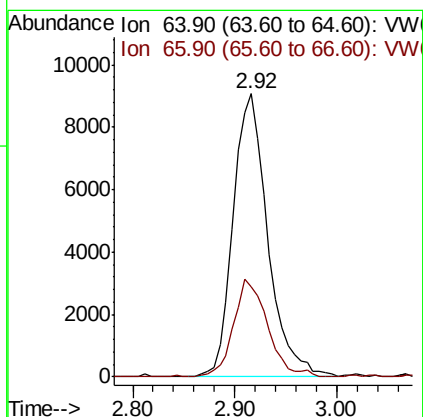
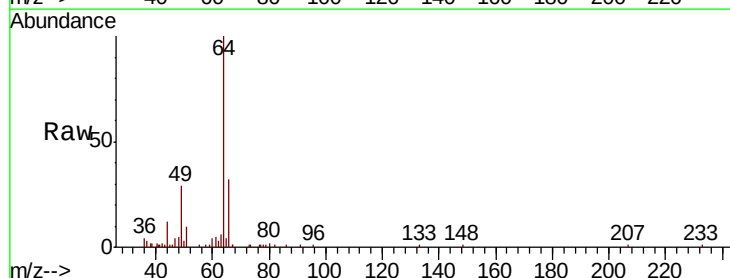
Acq: 02 Sep 2019 22:55

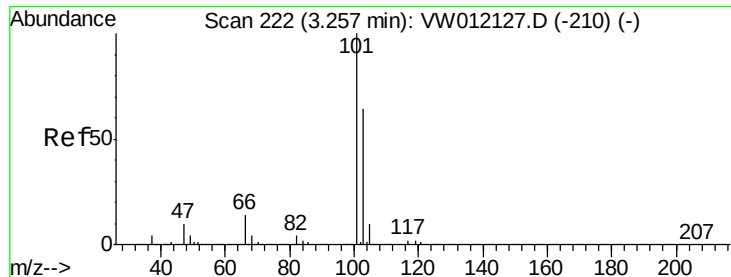
Tgt Ion: 64 Resp: 21325

Ion Ratio Lower Upper

64 100

66 32.0 23.8 35.8



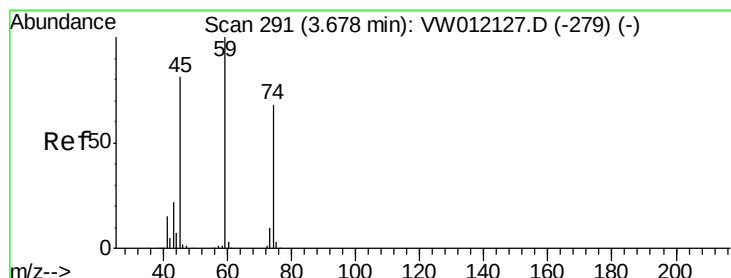
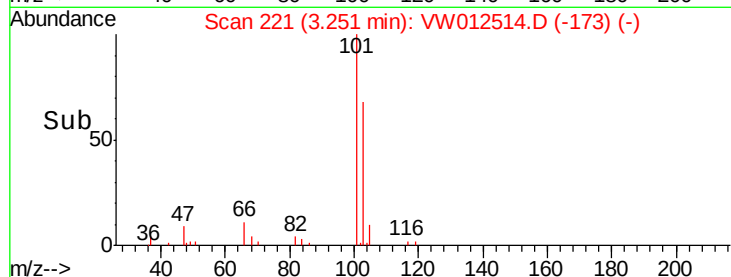
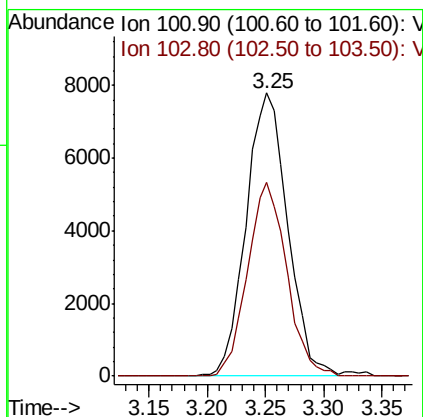
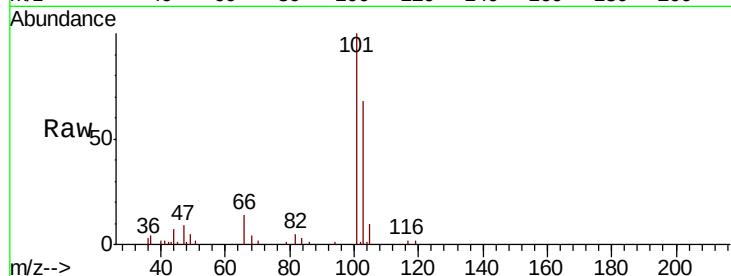


#7

Trichlorofluoromethane
 Concen: 17.294 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Instrument :
 MSVOA_W
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 VW0902SBS02

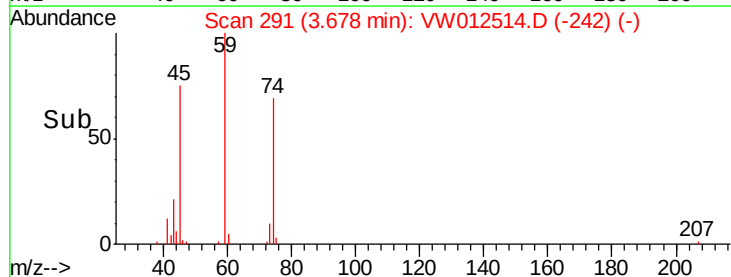
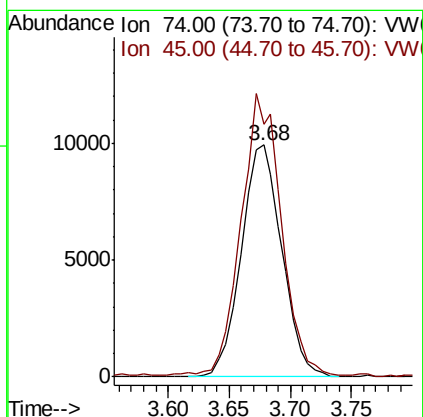
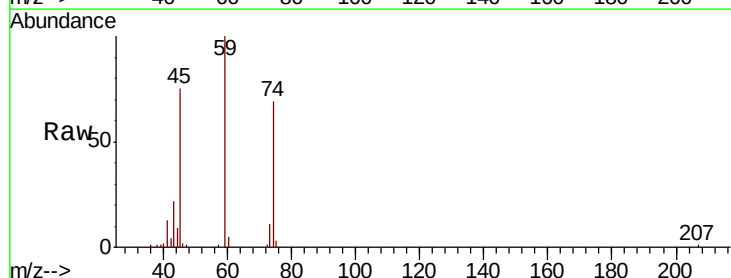
Tgt Ion:101 Resp: 19383
 Ion Ratio Lower Upper
 101 100
 103 68.4 51.2 76.8

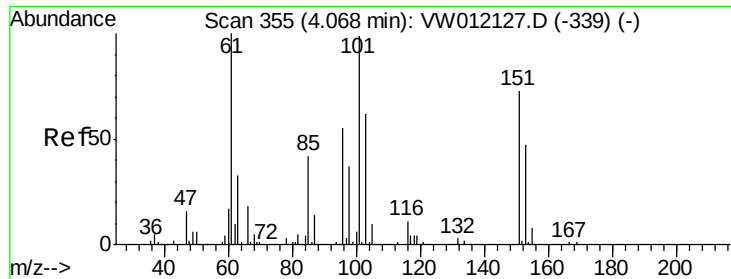


#8

Diethyl Ether
 Concen: 21.473 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 74 Resp: 22844
 Ion Ratio Lower Upper
 74 100
 45 120.2 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.409 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

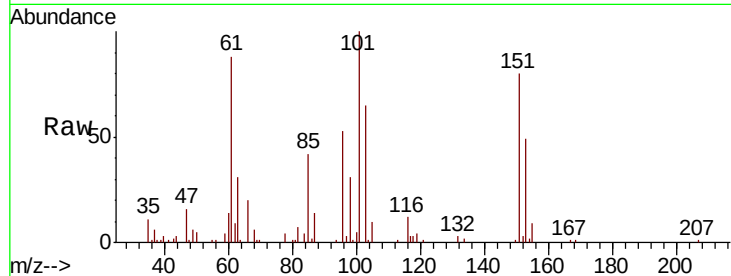
Tgt Ion:101 Resp: 36975

Ion Ratio Lower Upper

101 100

85 44.8 35.8 53.6

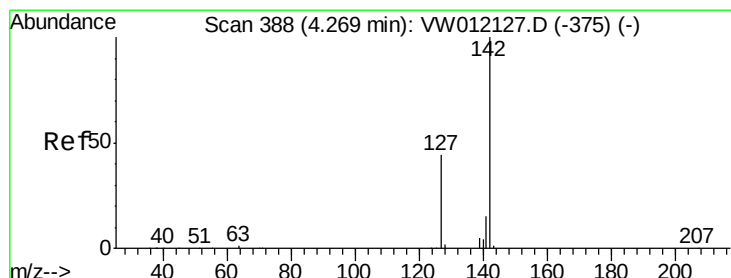
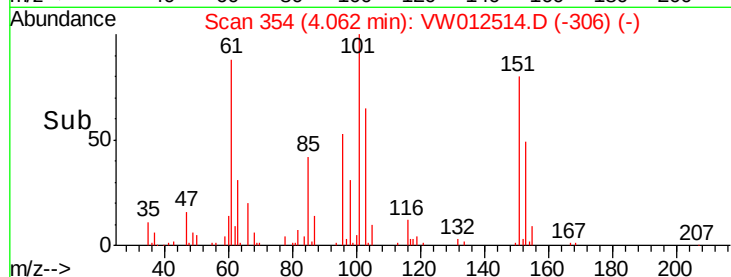
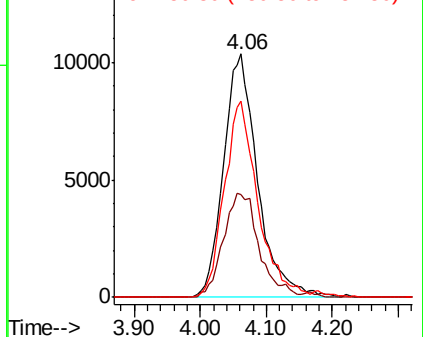
151 79.2 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.027 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

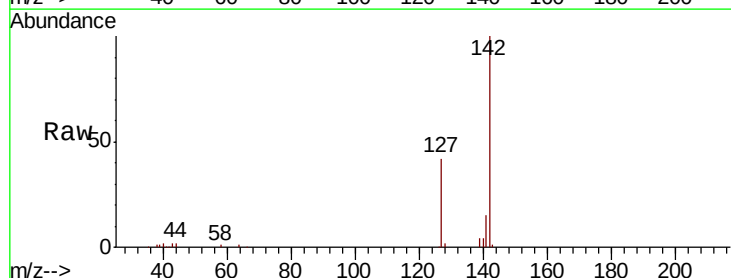
Tgt Ion:142 Resp: 49045

Ion Ratio Lower Upper

142 100

127 44.1 35.5 53.3

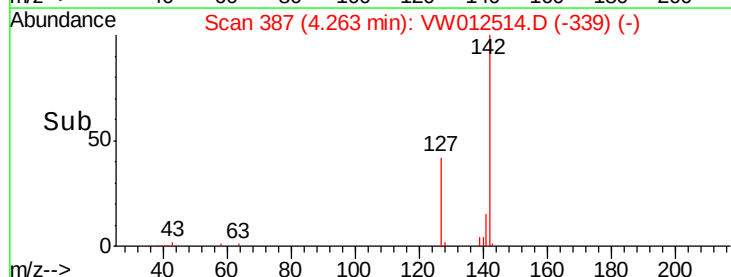
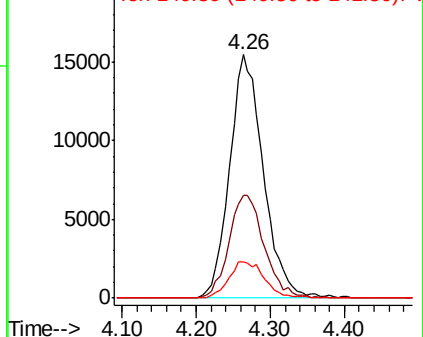
141 15.9 11.8 17.8

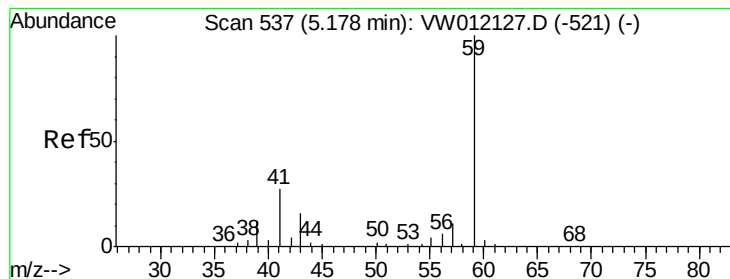


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



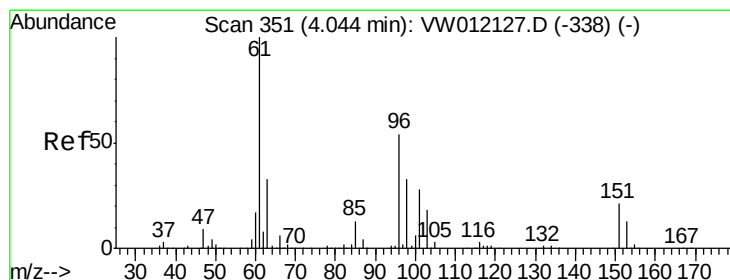
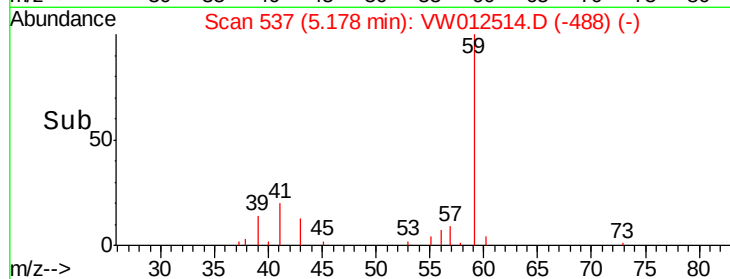
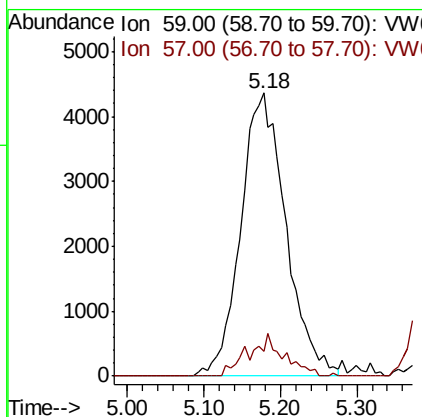
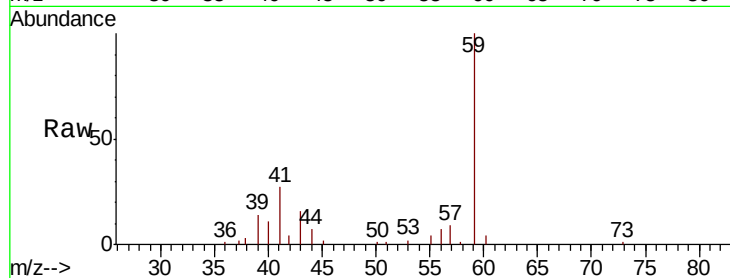


#11

Tert butyl alcohol
 Concen: 130.670 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

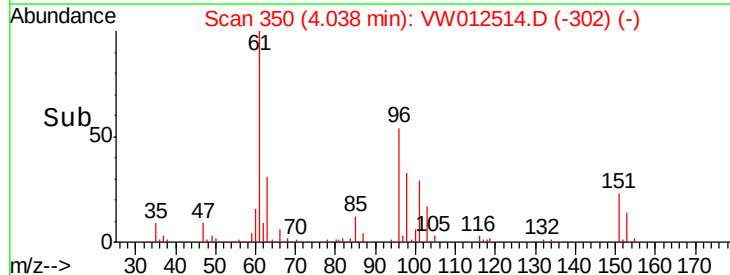
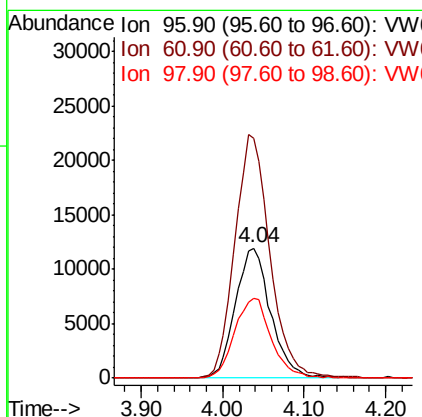
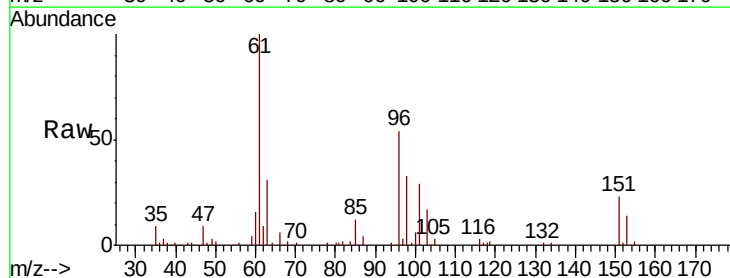
Tgt Ion: 59 Resp: 17870
 Ion Ratio Lower Upper
 59 100
 57 8.6 9.0 13.4#

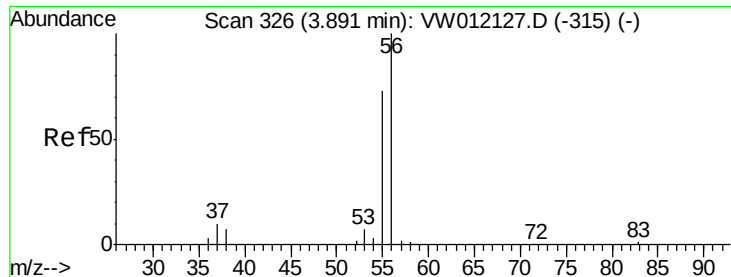


#12

1,1-Dichloroethene
 Concen: 18.698 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 96 Resp: 35853
 Ion Ratio Lower Upper
 96 100
 61 185.2 149.1 223.7
 98 61.2 49.4 74.2





#13

Acrolein

Concen: 81.293 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

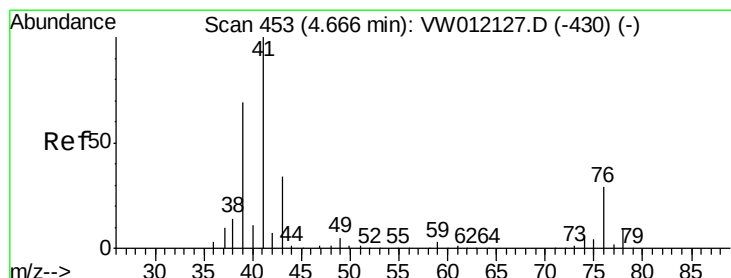
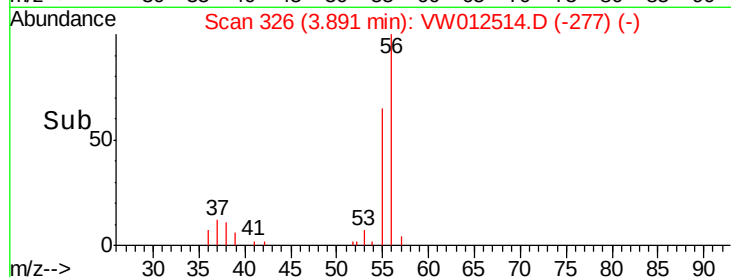
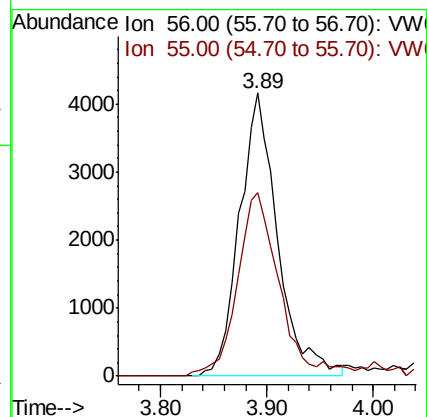
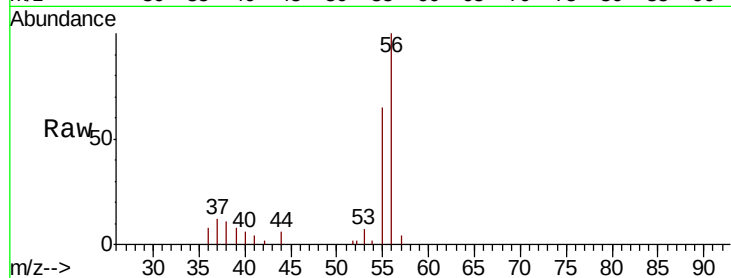
VW0902SBS02

Tgt Ion: 56 Resp: 10465

Ion Ratio Lower Upper

56 100

55 68.2 55.8 83.8



#14

Allyl chloride

Concen: 19.134 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

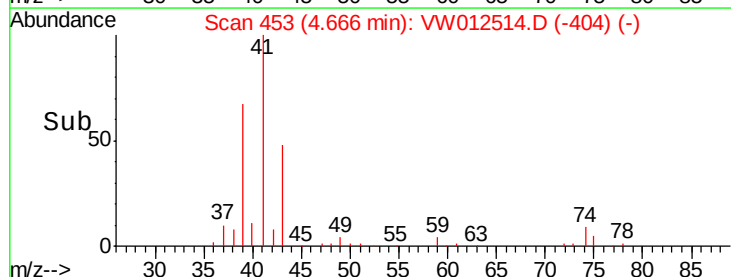
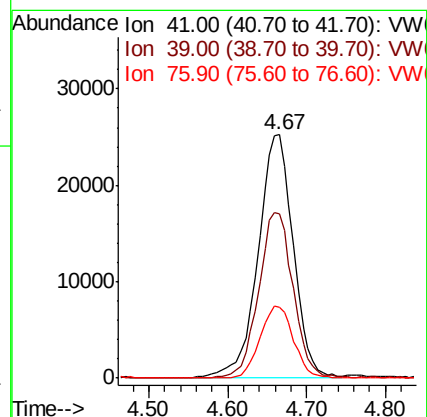
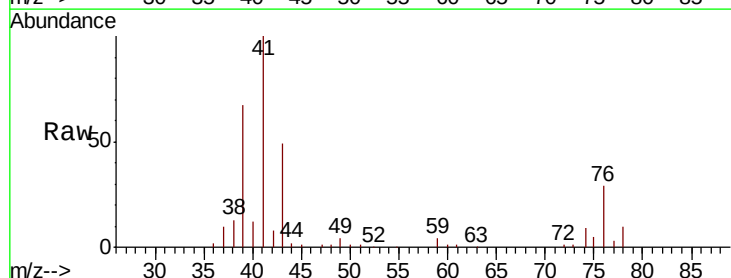
Tgt Ion: 41 Resp: 78437

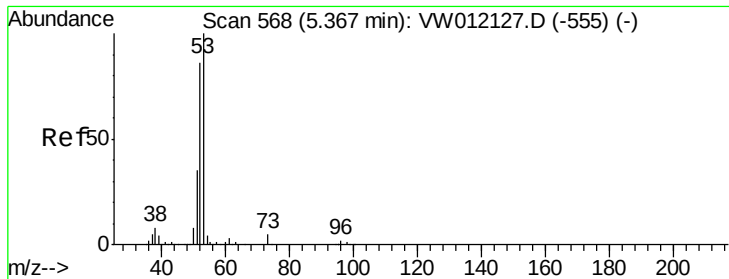
Ion Ratio Lower Upper

41 100

39 66.9 53.4 80.2

76 28.2 22.1 33.1





#15

Acrylonitrile

Concen: 122.830 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

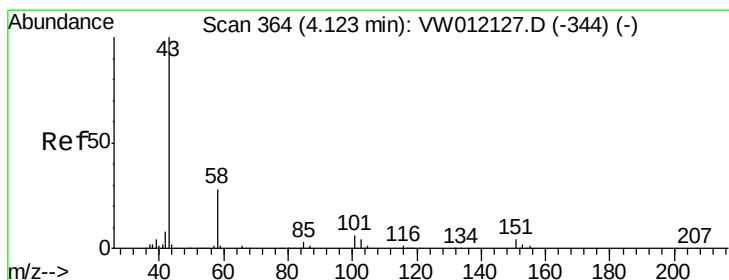
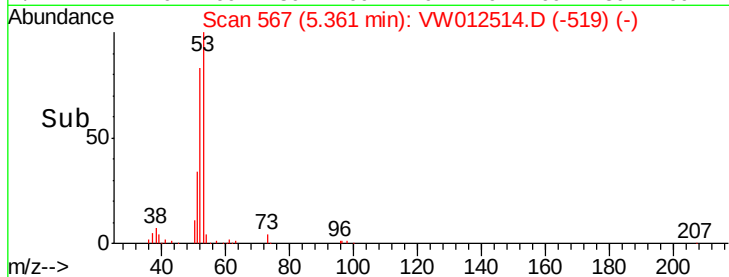
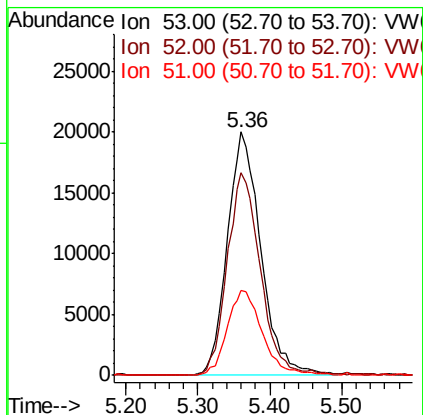
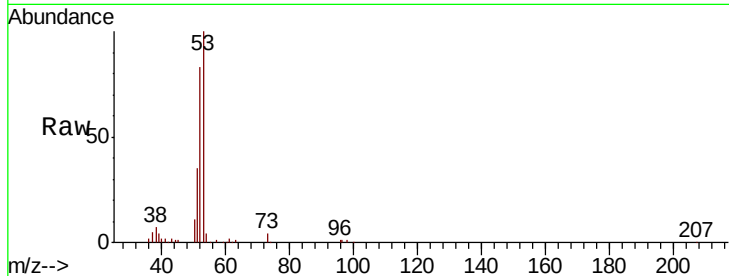
Tgt Ion: 53 Resp: 64768

Ion Ratio Lower Upper

53 100

52 82.4 66.7 100.1

51 36.3 30.1 45.1



#16

Acetone

Concen: 95.523 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012514.D

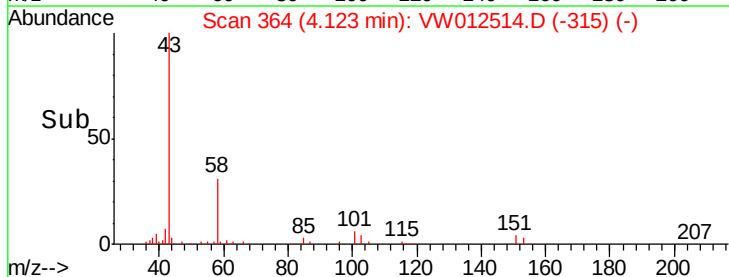
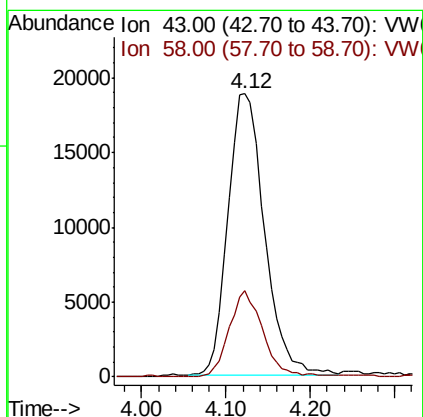
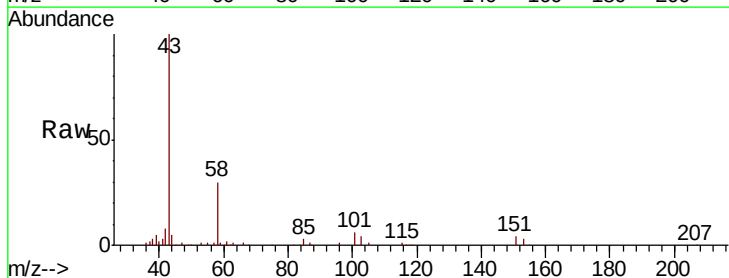
Acq: 02 Sep 2019 22:55

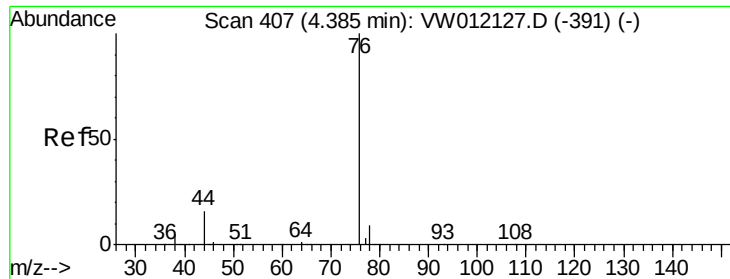
Tgt Ion: 43 Resp: 55489

Ion Ratio Lower Upper

43 100

58 30.6 22.4 33.6

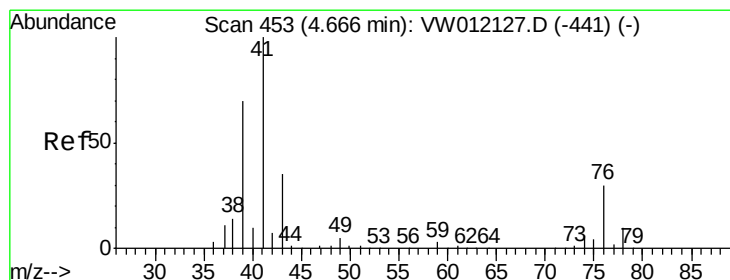
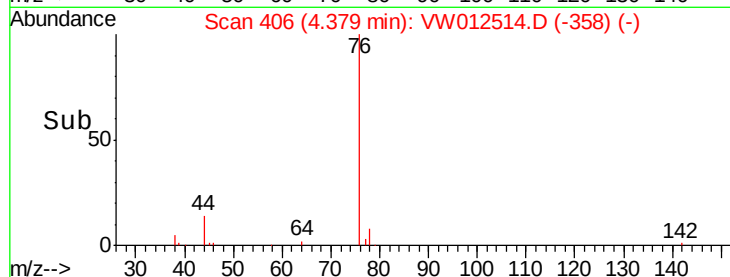
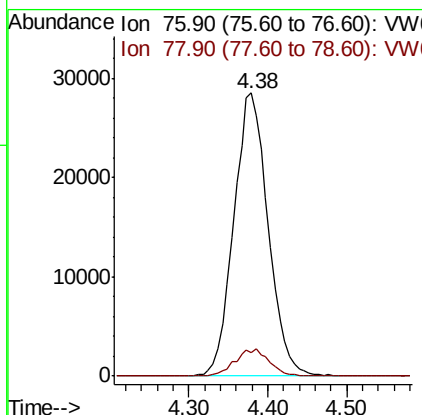
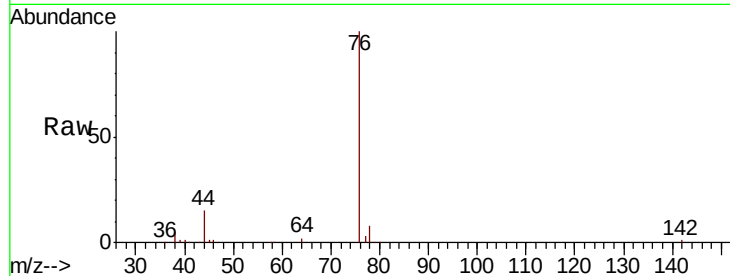




#17
Carbon Disulfide
Concen: 14.897 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

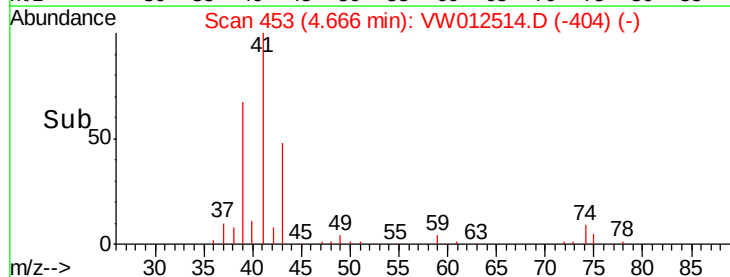
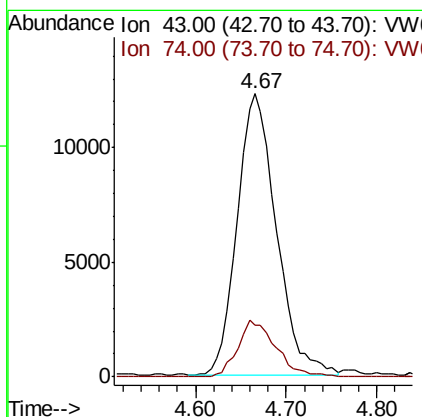
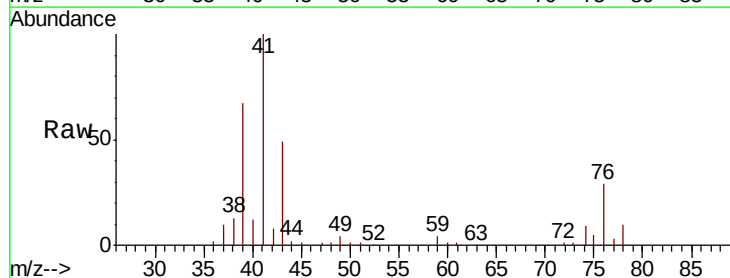
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

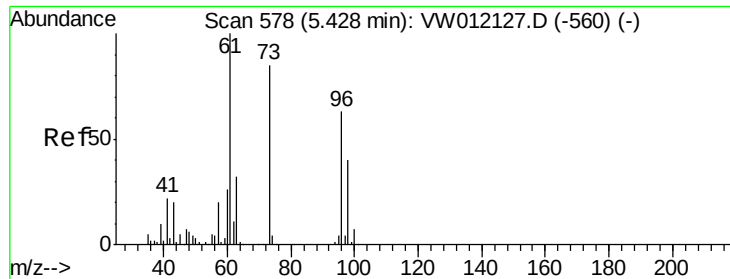
Tgt Ion: 76 Resp: 86329
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 25.590 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion: 43 Resp: 36818
Ion Ratio Lower Upper
43 100
74 19.5 15.7 23.5

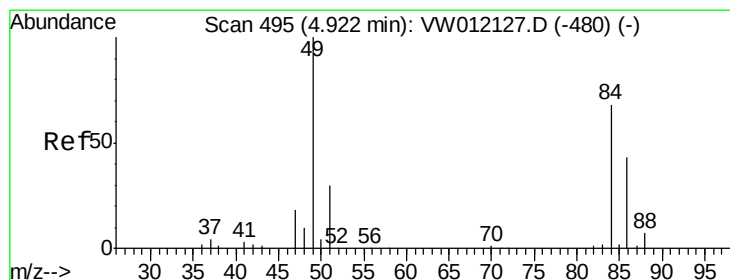
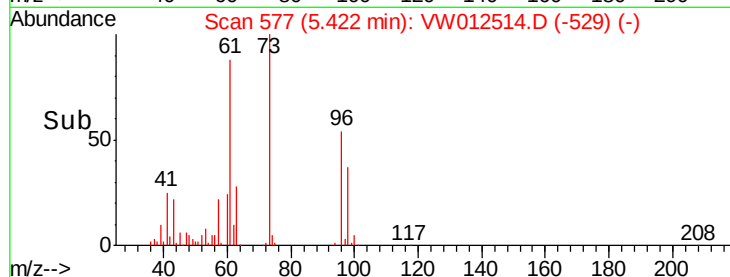
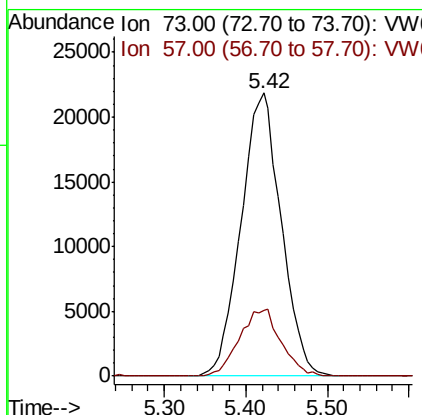
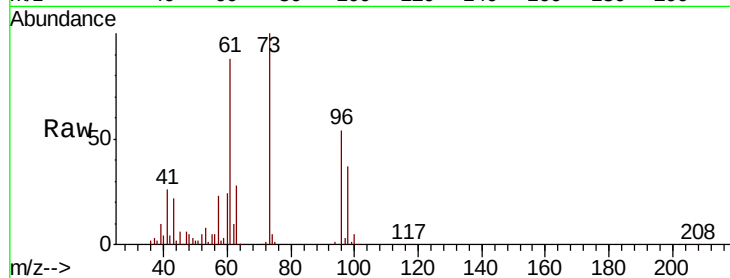




#19
Methyl tert-butyl Ether
Concen: 24.172 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

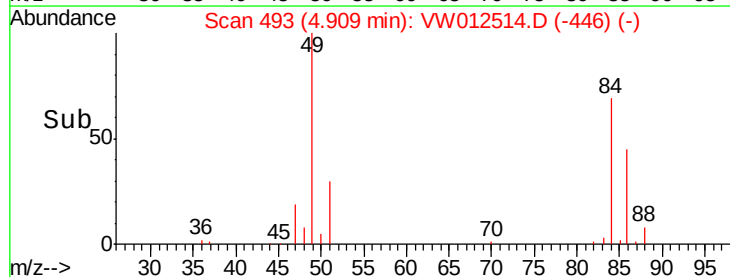
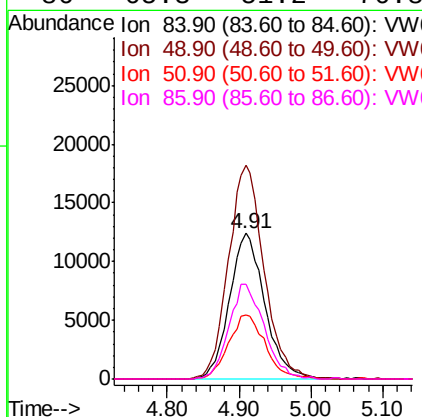
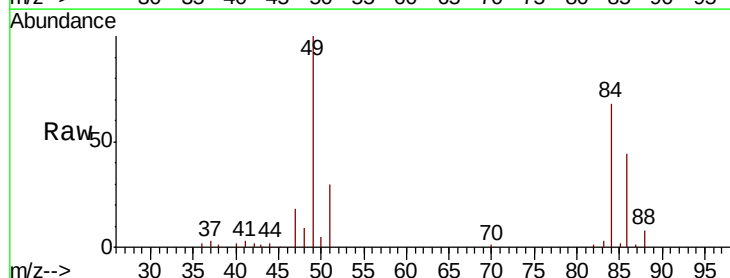
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

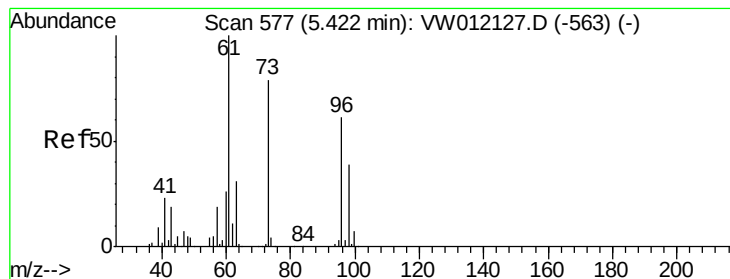
Tgt Ion: 73 Resp: 74953
Ion Ratio Lower Upper
73 100
57 23.2 18.9 28.3



#20
Methylene Chloride
Concen: 19.213 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion: 84 Resp: 42193
Ion Ratio Lower Upper
84 100
49 146.8 117.8 176.8
51 44.2 35.6 53.4
86 65.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.613 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

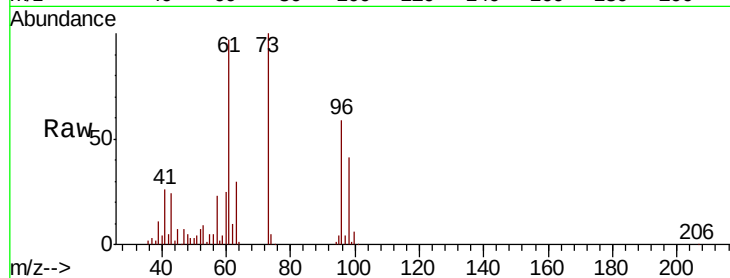
Tgt Ion: 96 Resp: 38273

Ion Ratio Lower Upper

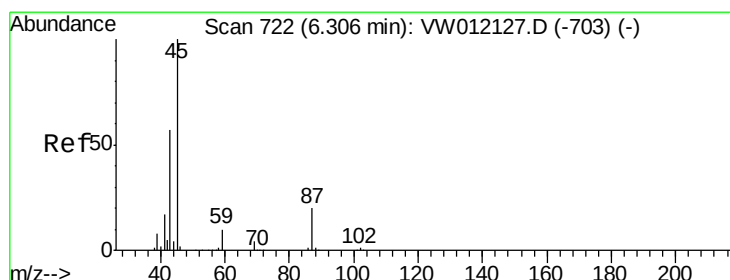
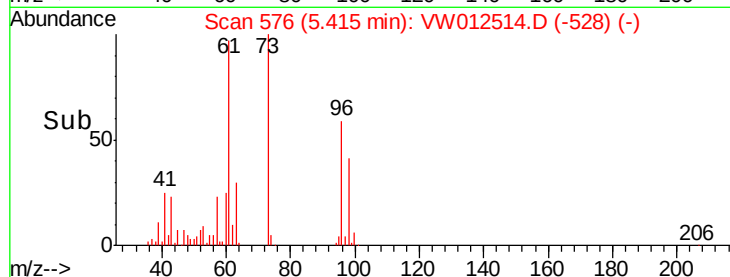
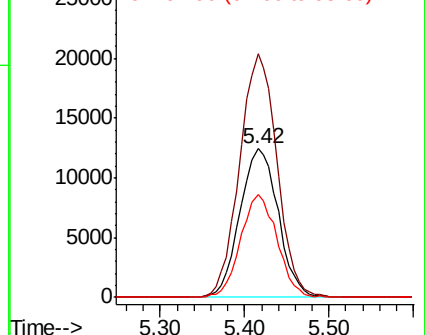
96 100

61 164.2 131.4 197.0

98 69.1 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: 21.210 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Tgt Ion: 45 Resp: 161160

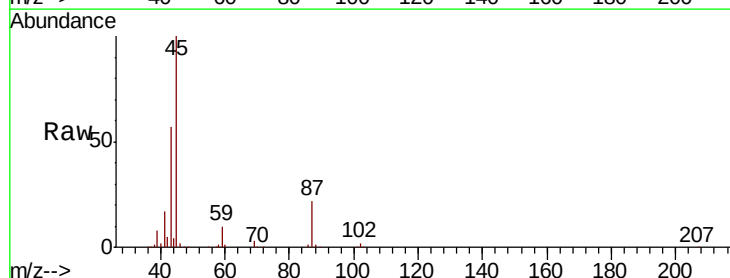
Ion Ratio Lower Upper

45 100

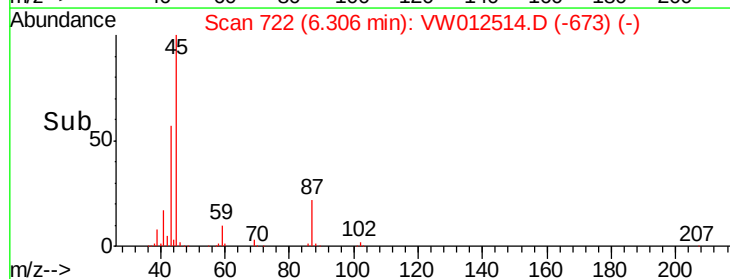
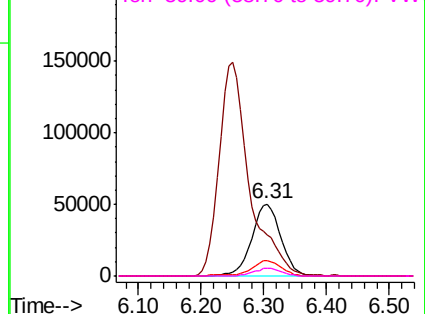
43 56.8 45.5 68.3

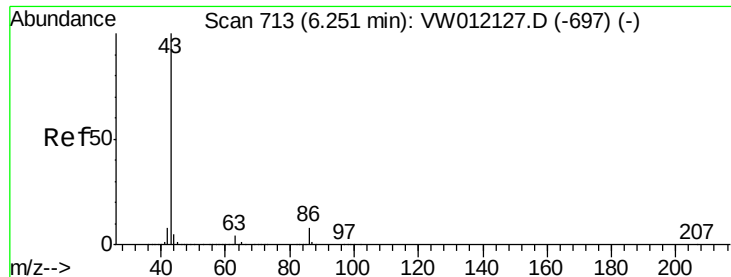
87 22.1 16.1 24.1

59 10.0 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

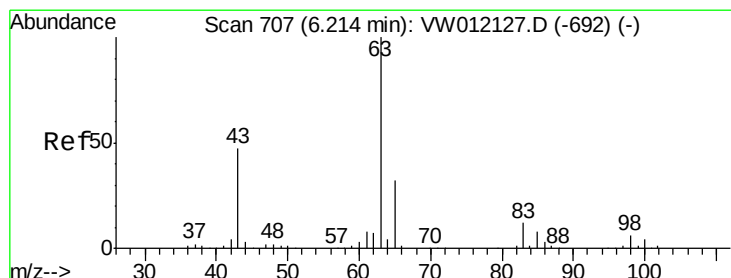
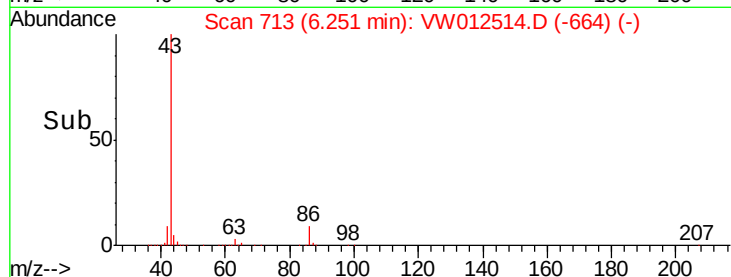
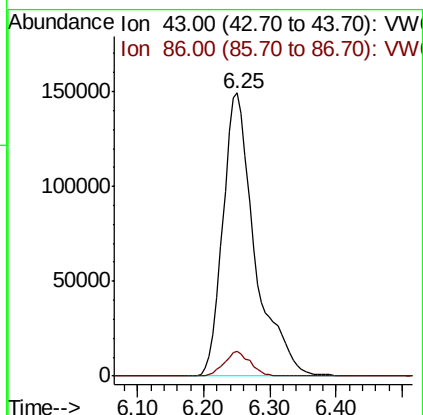
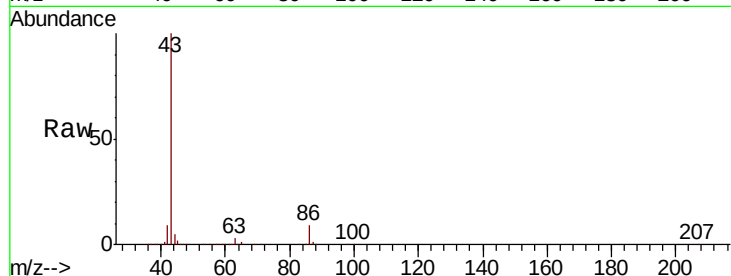




#23
 Vinyl Acetate
 Concen: 106.993 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

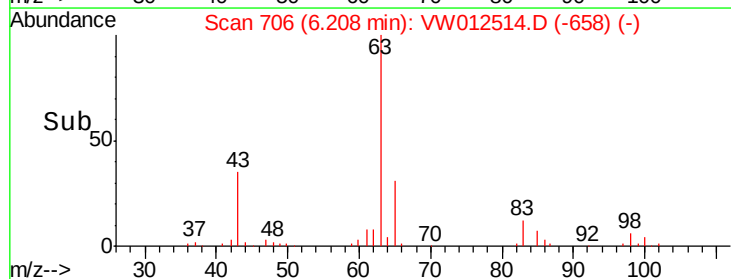
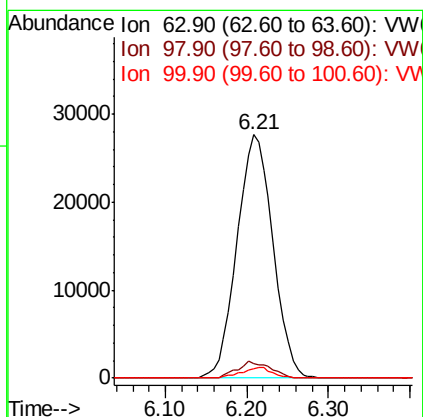
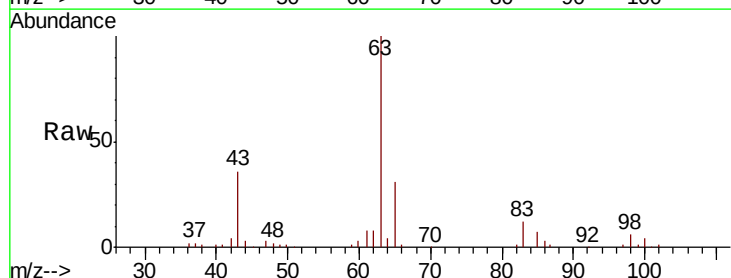
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

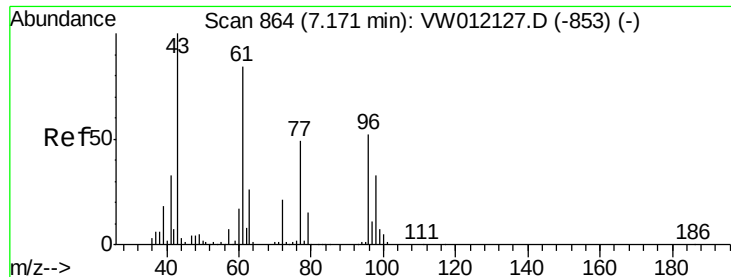
Tgt Ion: 43 Resp: 500317
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 20.385 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 63 Resp: 84335
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.6 2.0 6.0





#25

2-Butanone

Concen: 113.693 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

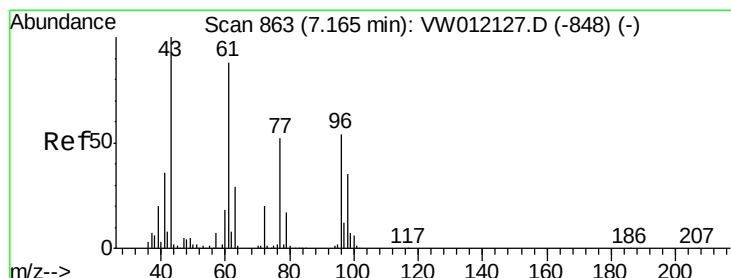
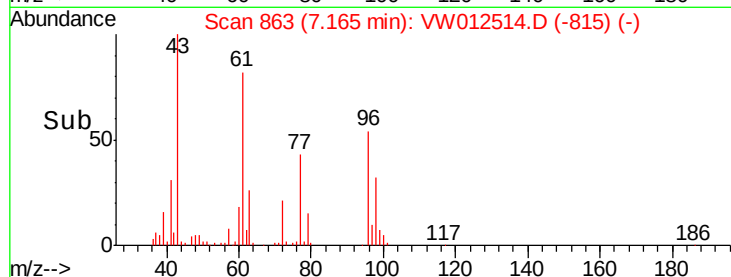
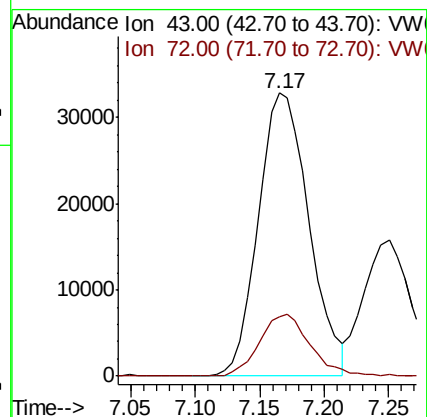
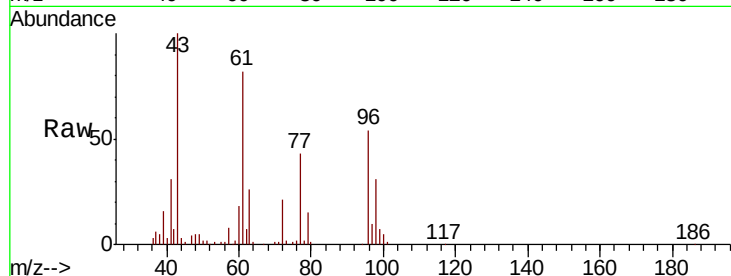
VW0902SBS02

Tgt Ion: 43 Resp: 89746

Ion Ratio Lower Upper

43 100

72 20.8 16.6 24.8



#26

2,2-Dichloropropane

Concen: 19.002 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012514.D

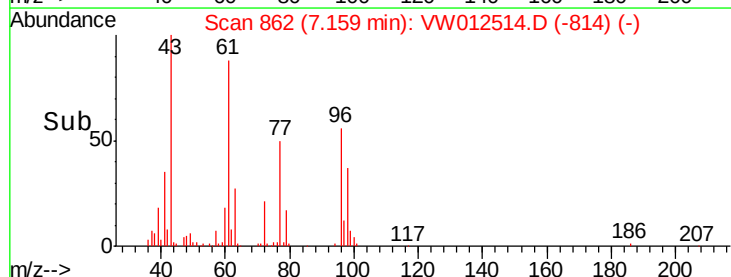
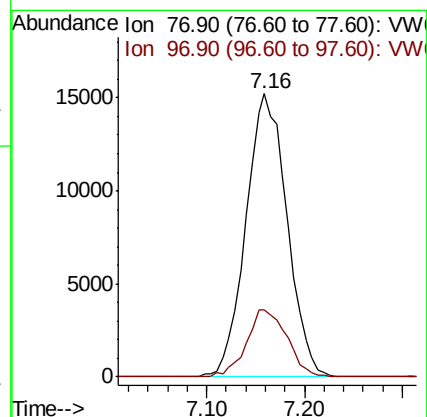
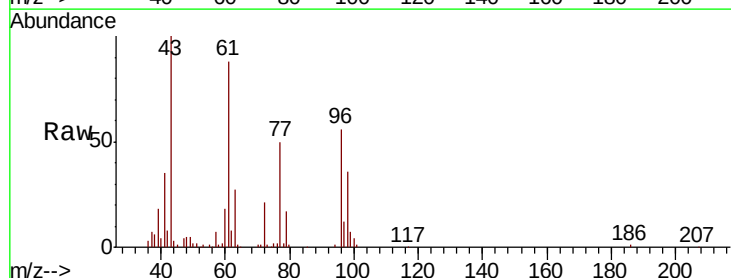
Acq: 02 Sep 2019 22:55

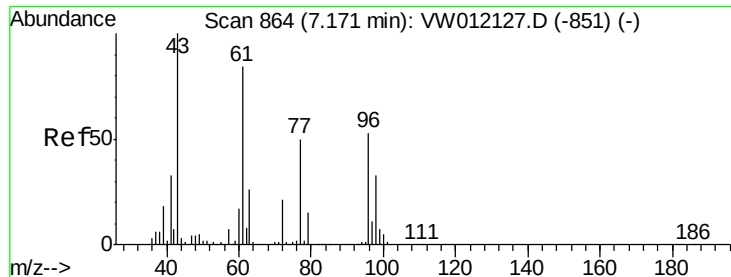
Tgt Ion: 77 Resp: 44497

Ion Ratio Lower Upper

77 100

97 23.4 11.1 33.1



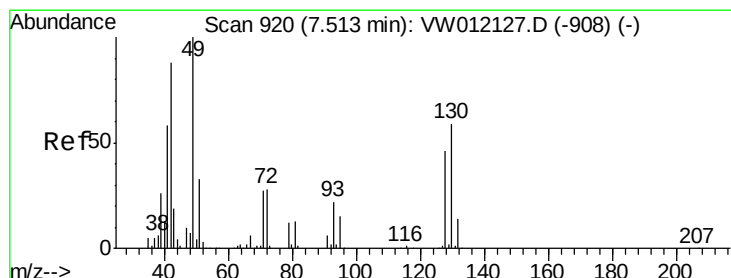
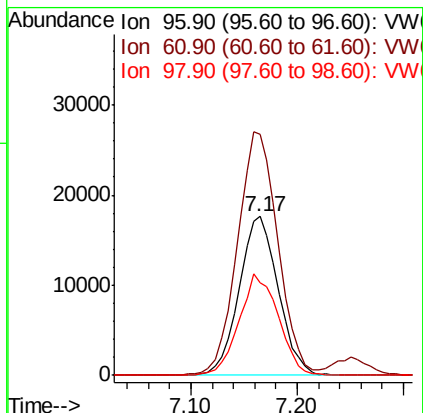
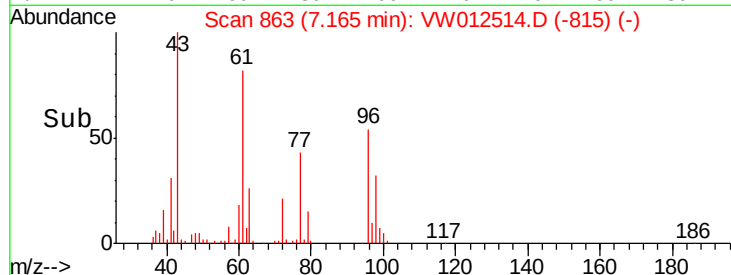
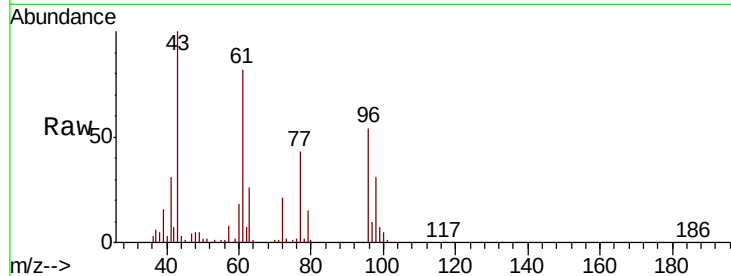


#27

cis-1,2-Dichloroethene
Concen: 20.694 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

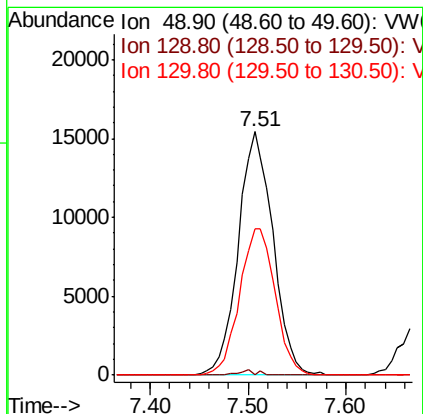
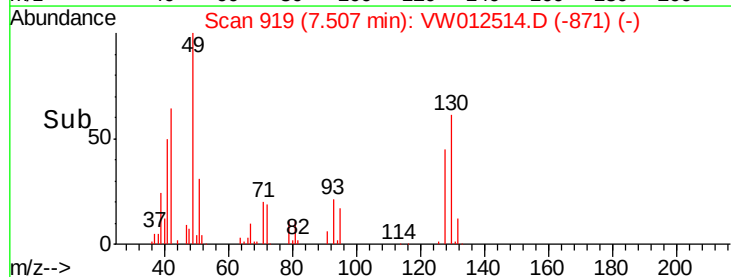
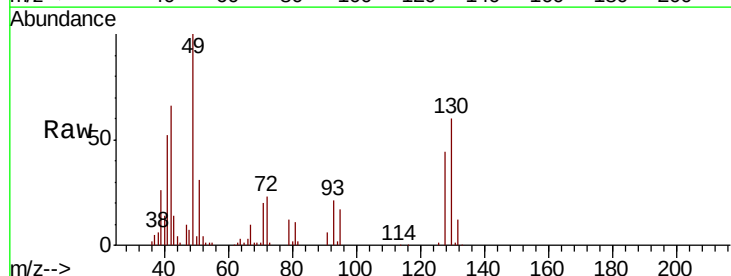
Tgt Ion: 96 Resp: 45462
Ion Ratio Lower Upper
96 100
61 158.4 0.0 326.6
98 63.8 0.0 127.4

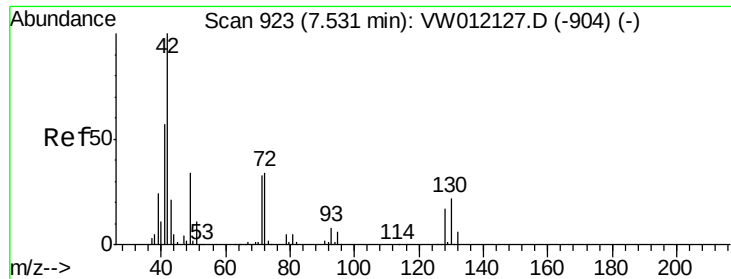


#28

Bromochloromethane
Concen: 21.025 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion: 49 Resp: 37912
Ion Ratio Lower Upper
49 100
129 1.0 0.0 1.4
130 61.6 45.5 68.3

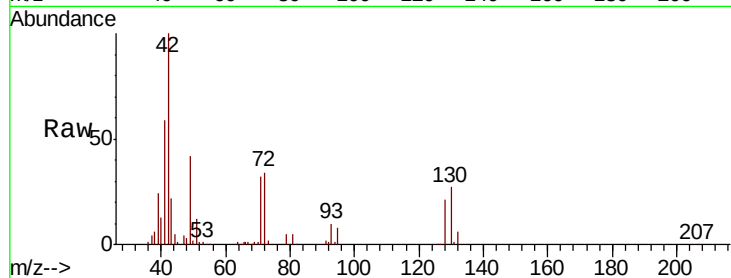




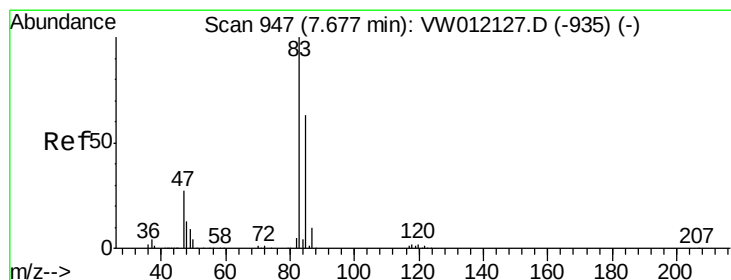
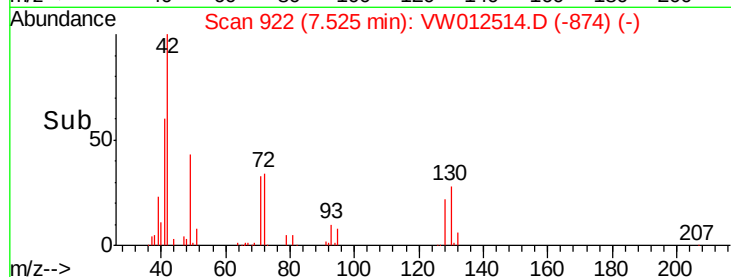
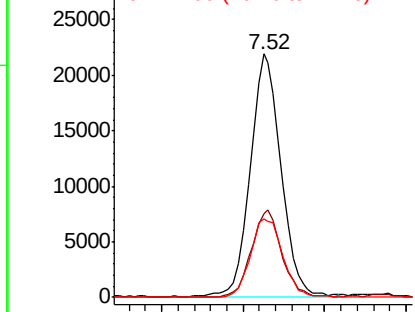
#29
Tetrahydrofuran
Concen: 122.446 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

Tgt Ion: 42 Resp: 57989
Ion Ratio Lower Upper
42 100
72 35.2 27.3 40.9
71 33.8 25.5 38.3

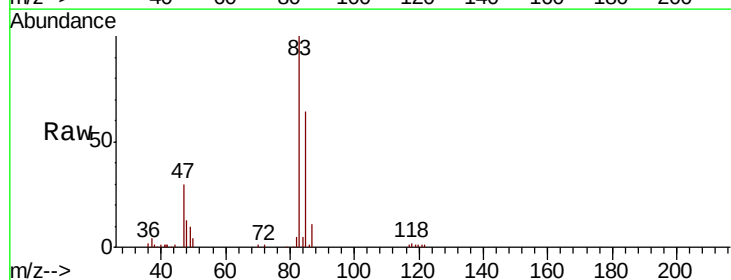


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

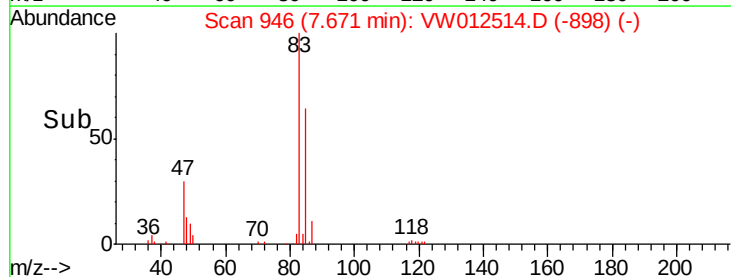
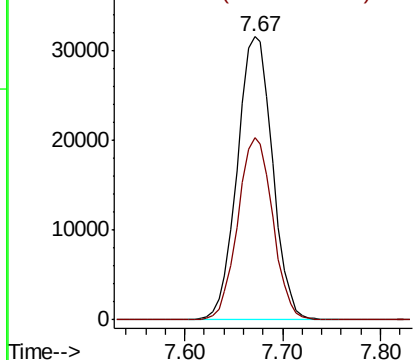


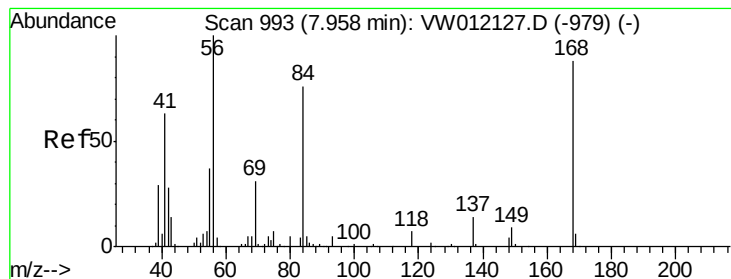
#30
Chloroform
Concen: 20.830 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion: 83 Resp: 78845
Ion Ratio Lower Upper
83 100
85 64.3 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 17.547 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

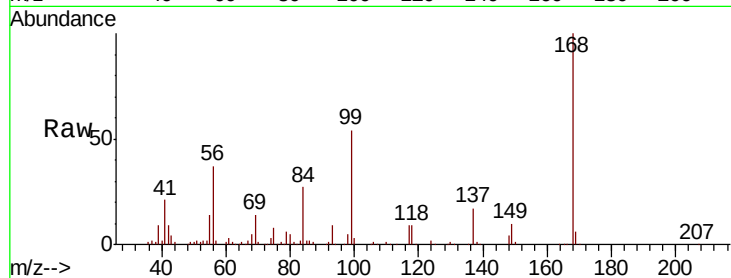
Tgt Ion: 56 Resp: 71822

Ion Ratio Lower Upper

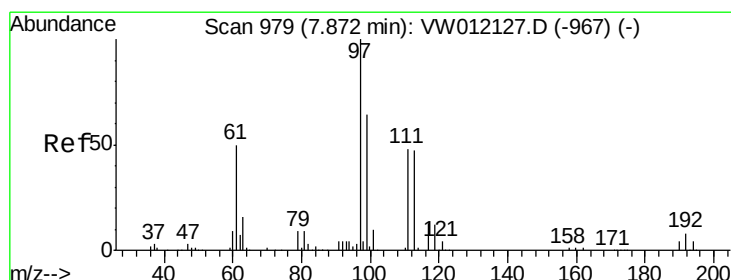
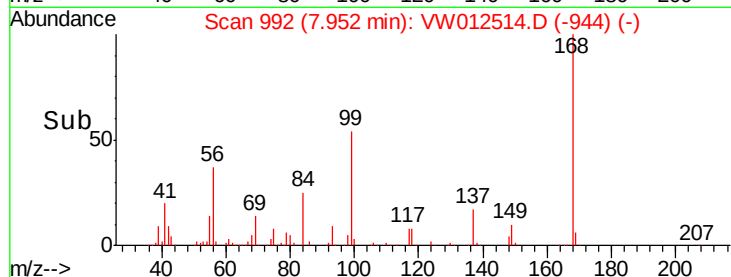
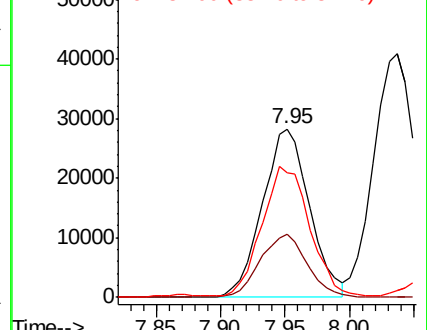
56 100

69 37.3 24.9 37.3

84 72.5 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: 20.740 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

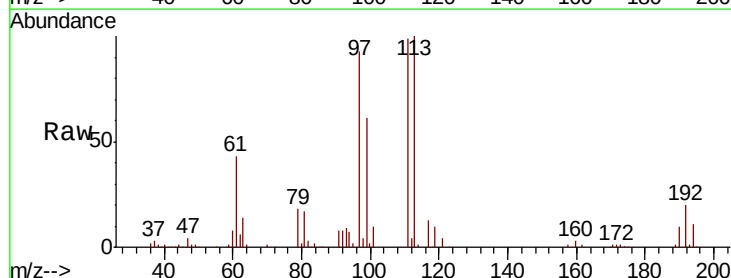
Tgt Ion: 97 Resp: 62103

Ion Ratio Lower Upper

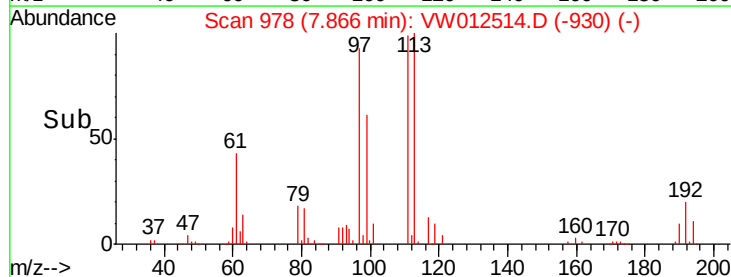
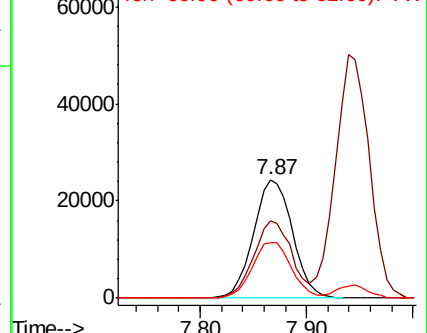
97 100

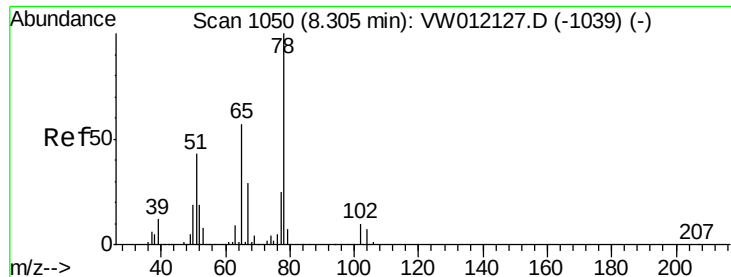
99 64.6 51.4 77.0

61 47.8 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

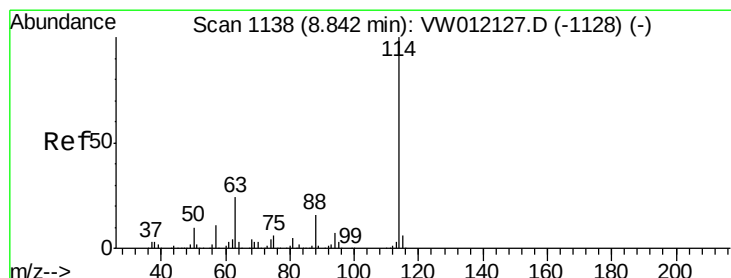
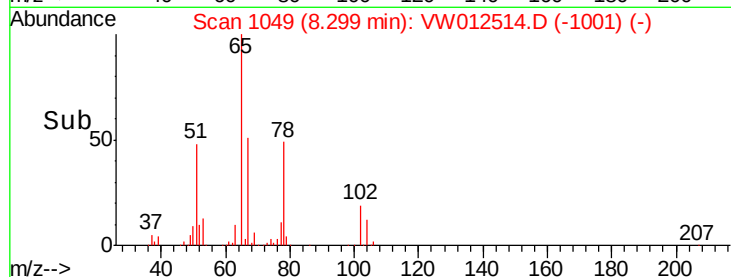
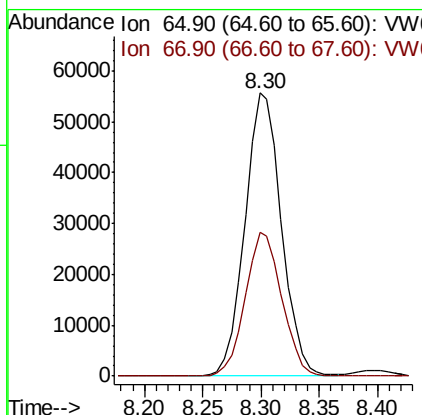
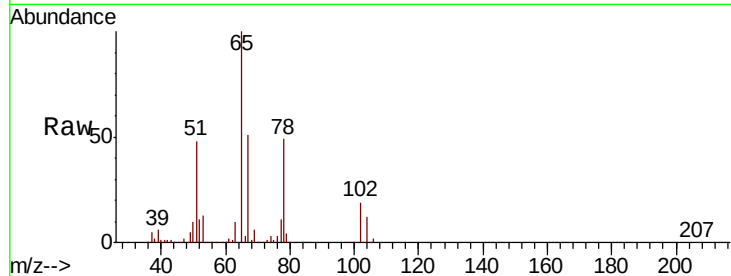




#33
 1,2-Dichloroethane-d4
 Concen: 53.388 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

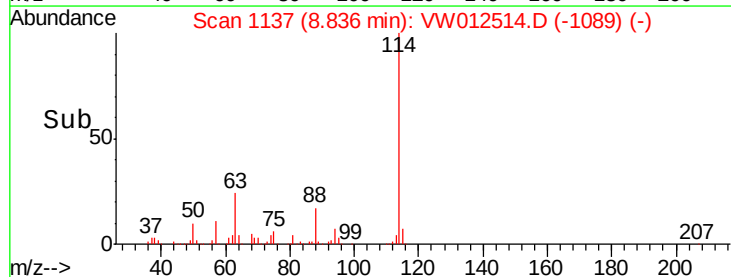
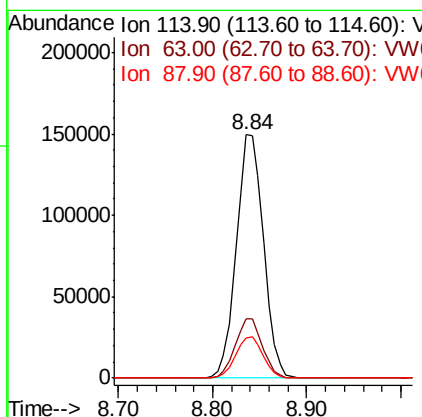
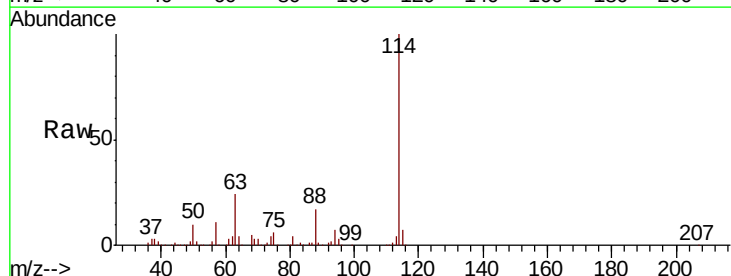
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

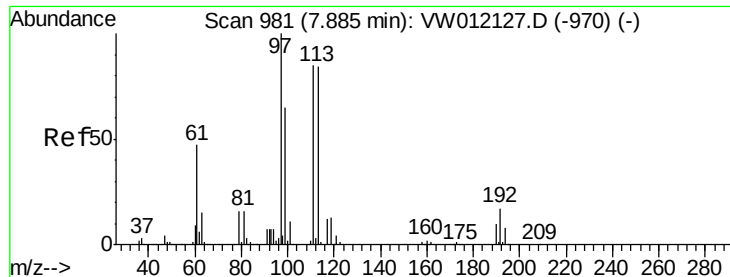
Tgt Ion: 65 Resp: 121324
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 114 Resp: 300369
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.6 0.0 32.2

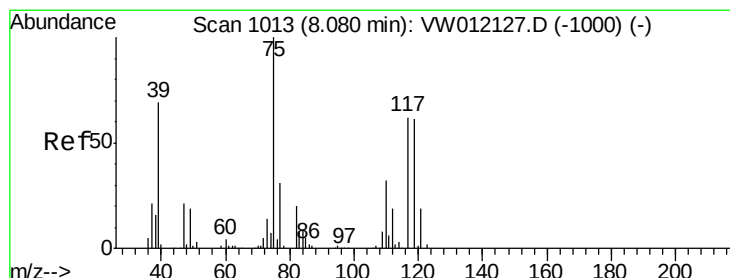
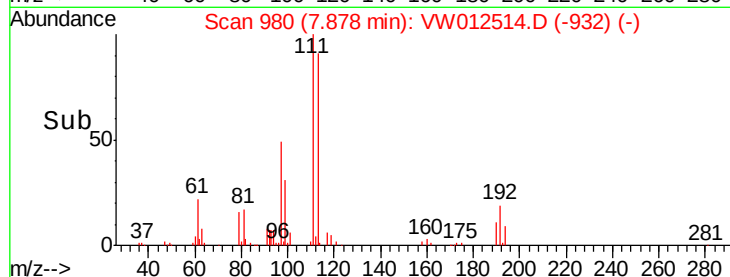
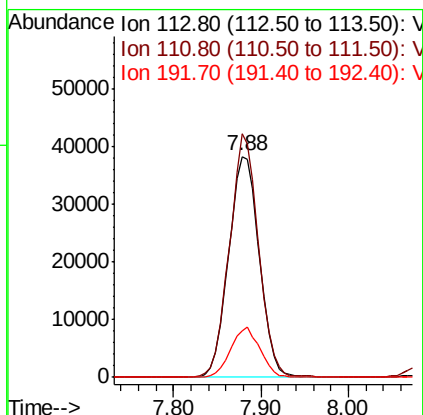
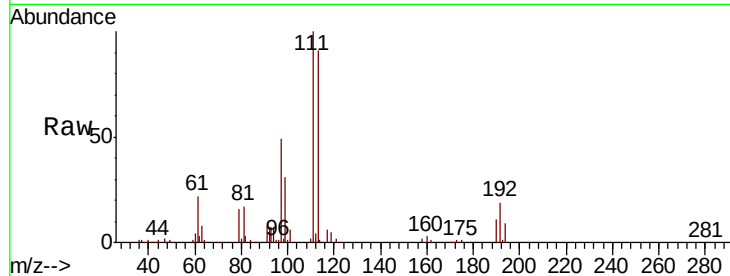




#35
 Dibromofluoromethane
 Concen: 52.022 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

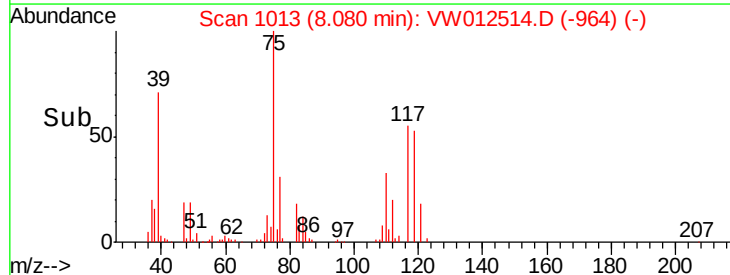
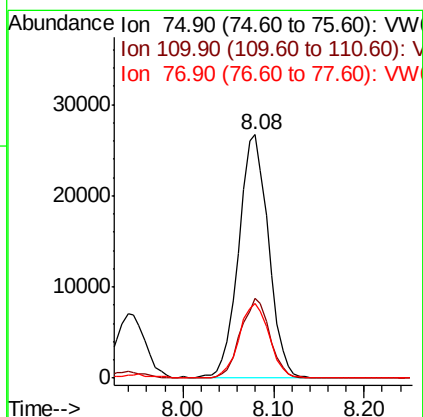
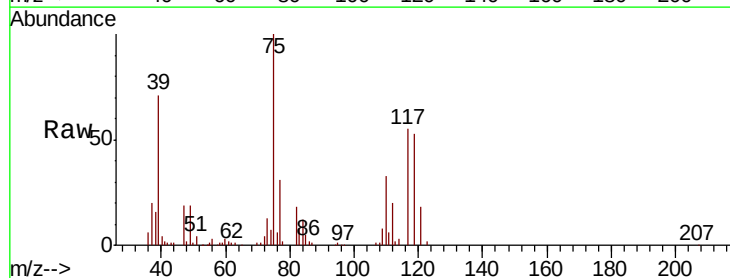
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

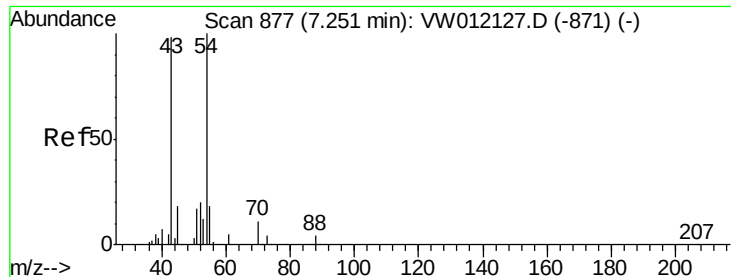
Tgt Ion:113 Resp: 93271
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.7 124.1
 192 21.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 19.614 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 75 Resp: 60882
 Ion Ratio Lower Upper
 75 100
 110 31.9 15.6 46.8
 77 30.9 24.6 36.8

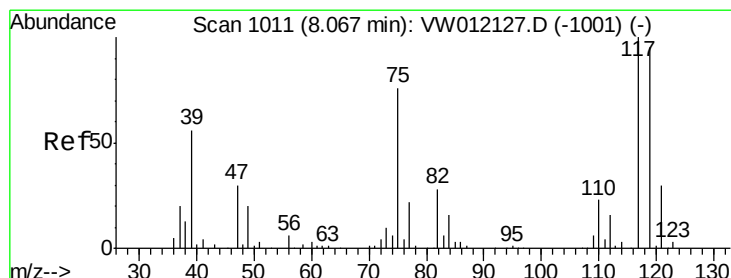
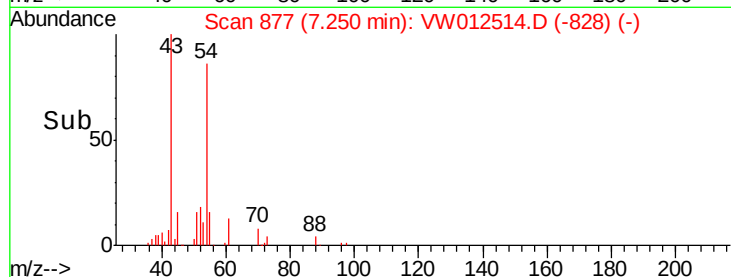
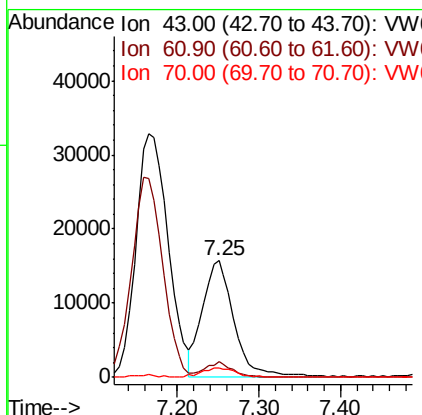
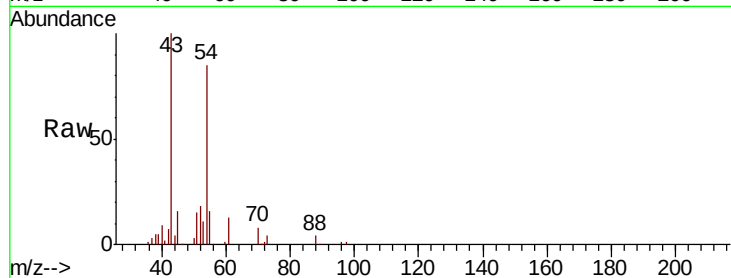




#37
 Ethyl Acetate
 Concen: 24.916 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

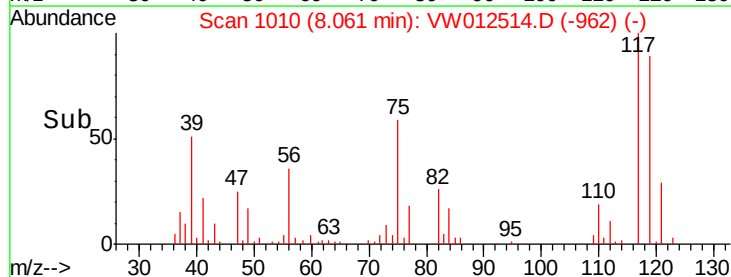
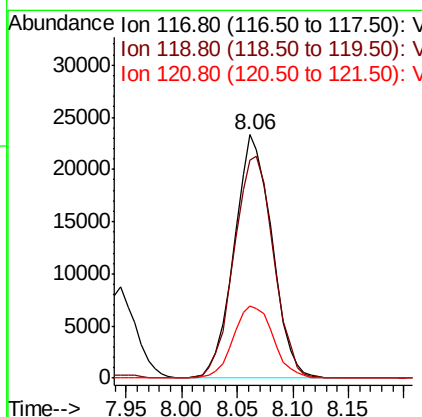
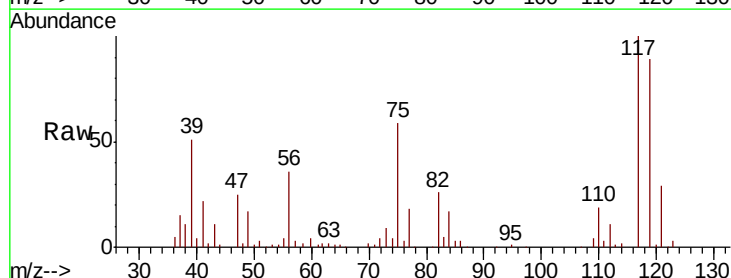
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

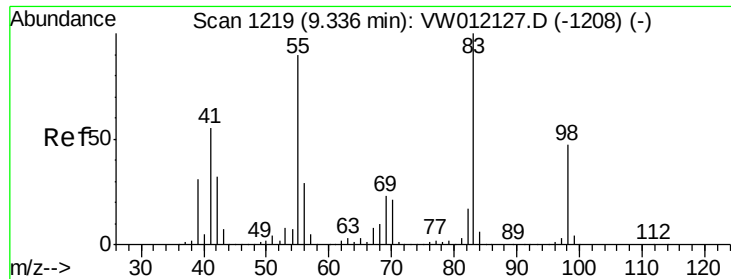
Tgt Ion: 43 Resp: 42380
 Ion Ratio Lower Upper
 43 100
 61 11.2 9.2 13.8
 70 8.6 6.9 10.3



#38
 Carbon Tetrachloride
 Concen: 20.433 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 117 Resp: 54894
 Ion Ratio Lower Upper
 117 100
 119 89.3 76.2 114.2
 121 29.5 23.8 35.8

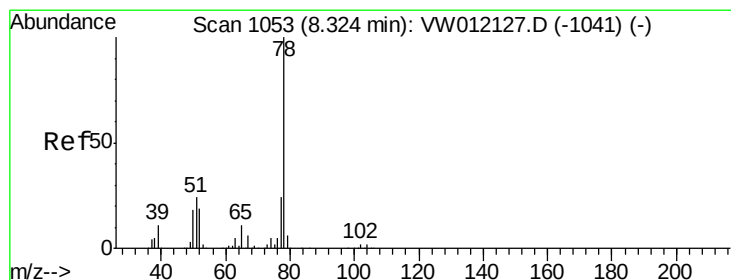
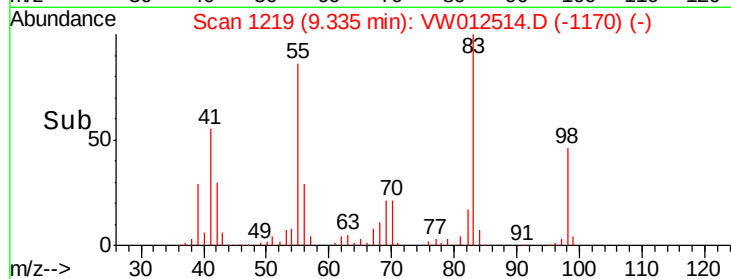
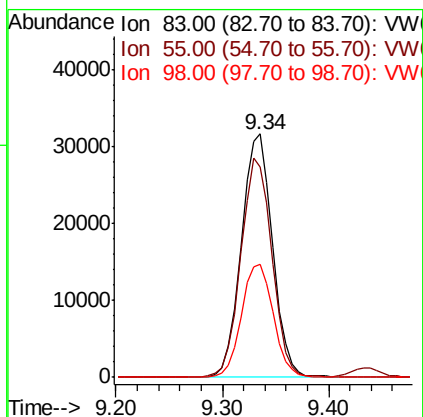
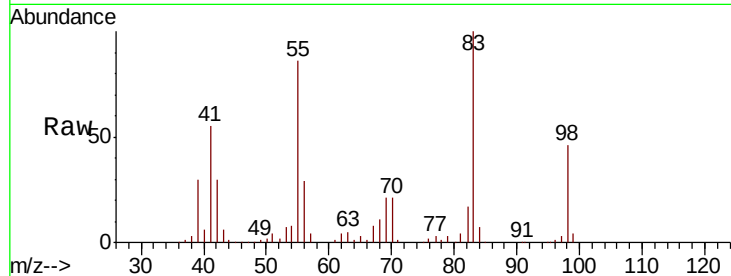




#39
Methylcyclohexane
Concen: 18.658 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

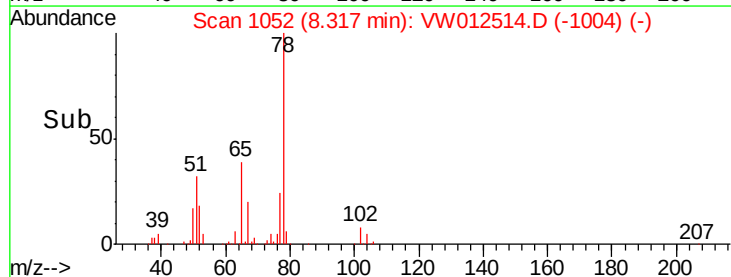
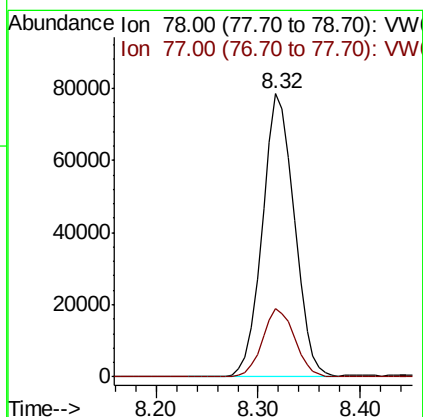
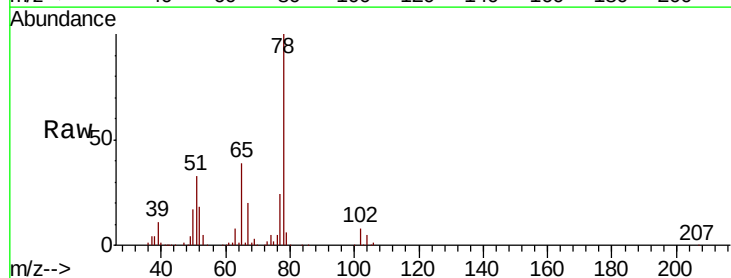
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

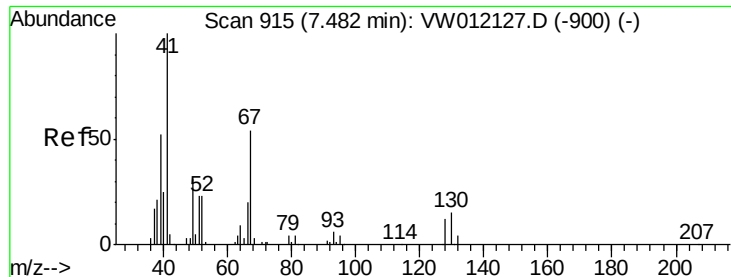
Tgt Ion: 83 Resp: 65060
Ion Ratio Lower Upper
83 100
55 86.5 71.8 107.8
98 46.4 37.8 56.8



#40
Benzene
Concen: 20.172 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion: 78 Resp: 170973
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3

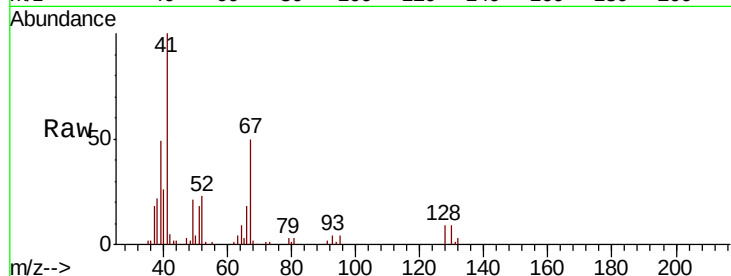




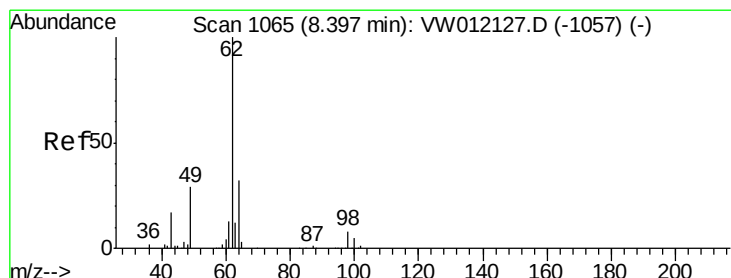
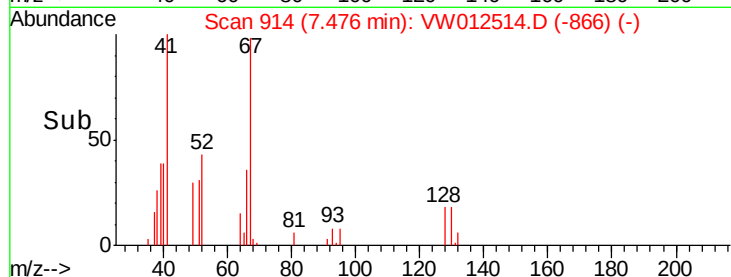
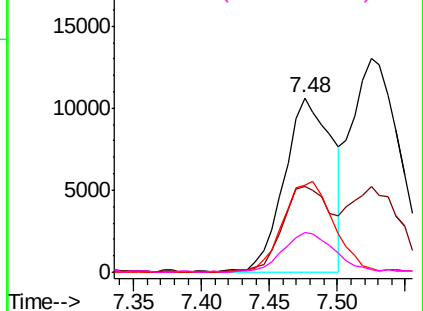
#41
Methacrylonitrile
Concen: 26.091 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

Tgt Ion:	41	Resp:	26083
Ion	Ratio	Lower	Upper
41	100		
39	49.8	45.8	68.8
67	55.4	46.2	69.4
52	24.8	21.0	31.6

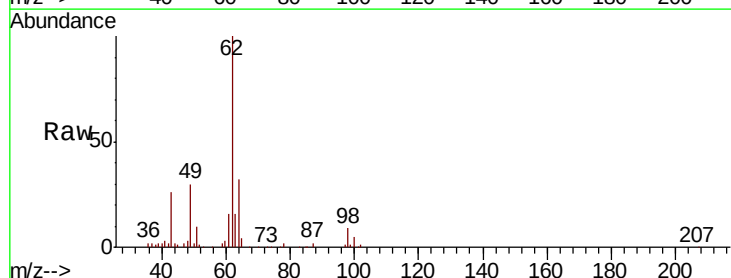


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

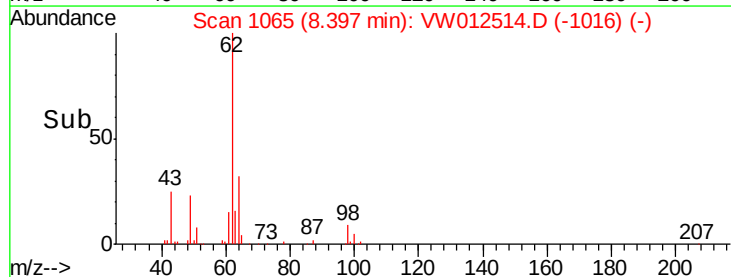
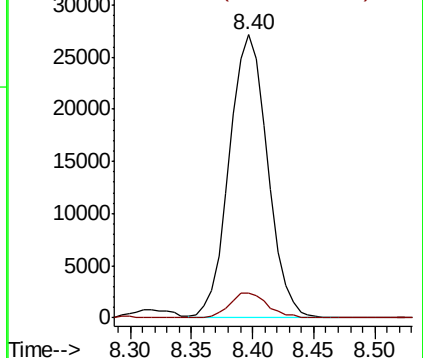


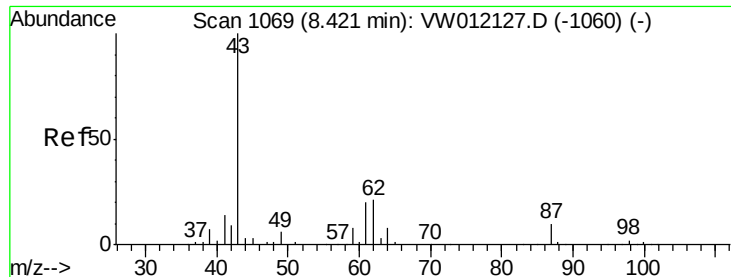
#42
1,2-Dichloroethane
Concen: 22.032 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion:	62	Resp:	58523
Ion	Ratio	Lower	Upper
62	100		
98	8.7	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: 23.558 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

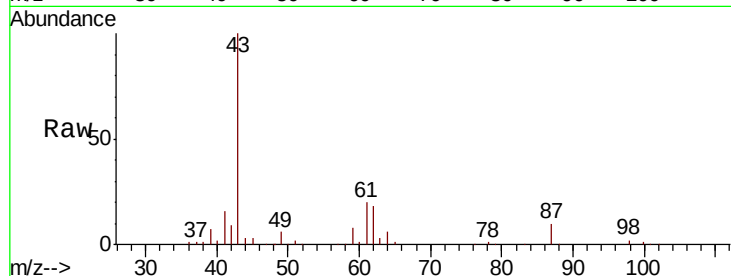
Tgt Ion: 43 Resp: 74222

Ion Ratio Lower Upper

43 100

61 27.4 21.1 31.7

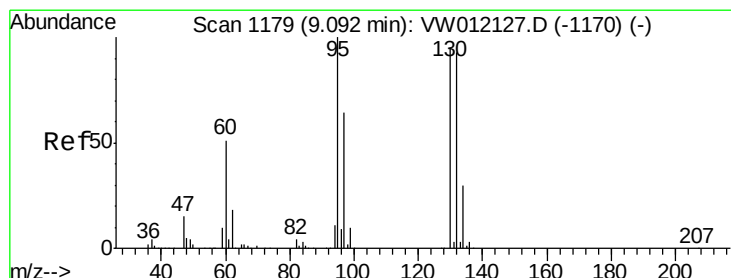
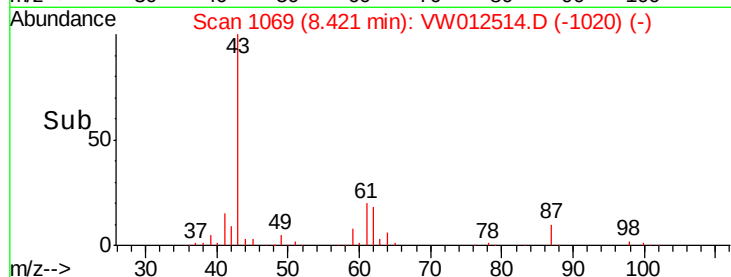
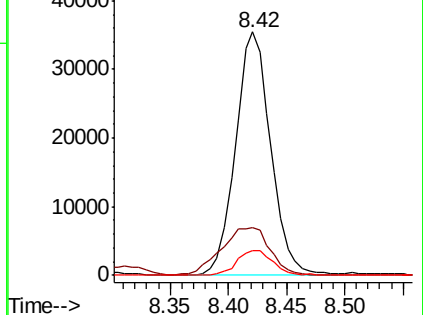
87 10.8 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.496 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012514.D

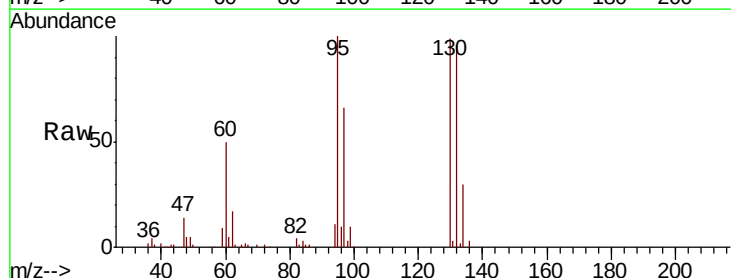
Acq: 02 Sep 2019 22:55

Tgt Ion: 130 Resp: 42230

Ion Ratio Lower Upper

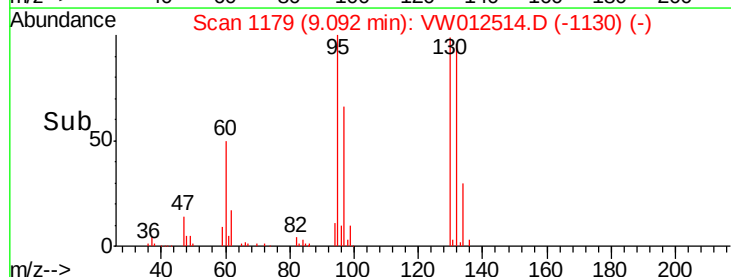
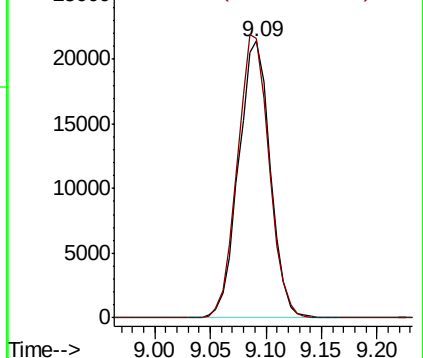
130 100

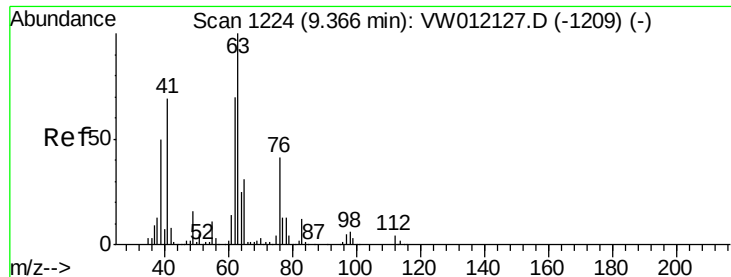
95 101.2 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

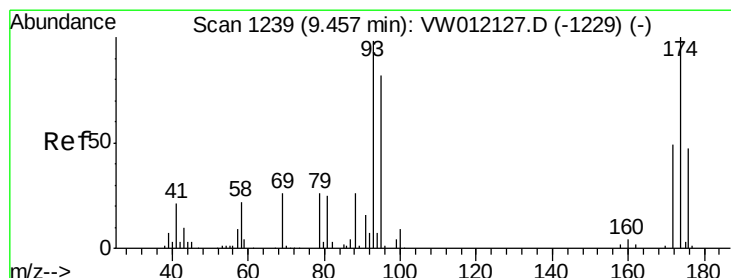
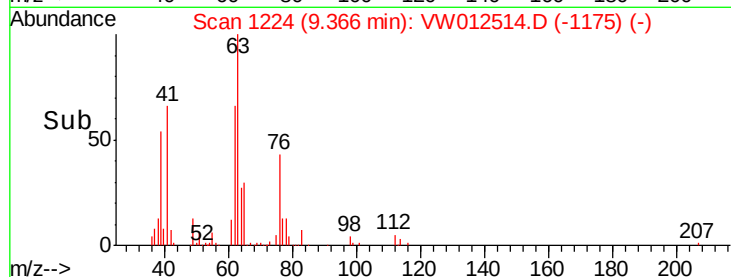
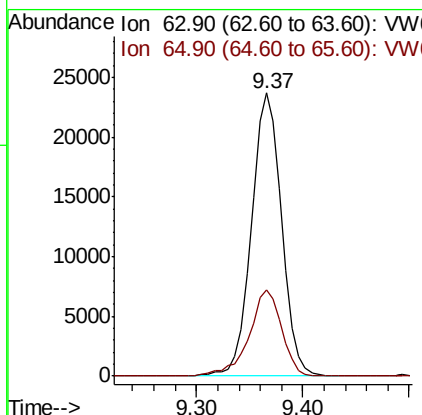
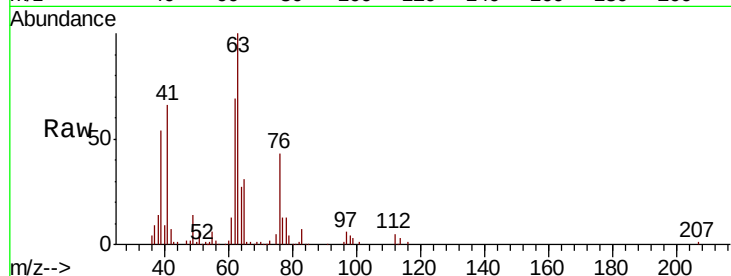




#45
 1,2-Dichloropropane
 Concen: 20.587 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

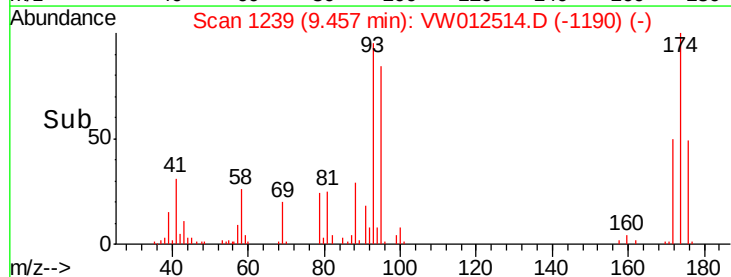
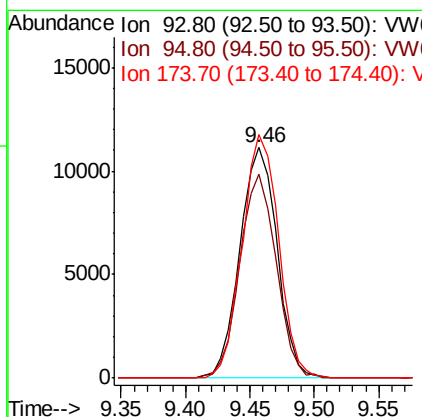
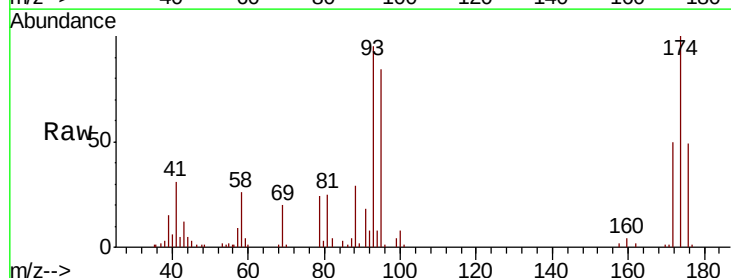
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

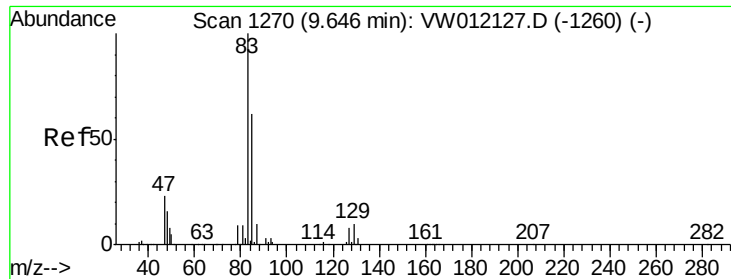
Tgt Ion: 63 Resp: 46960
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4



#46
 Dibromomethane
 Concen: 21.932 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 93 Resp: 22259
 Ion Ratio Lower Upper
 93 100
 95 86.7 67.2 100.8
 174 103.8 79.0 118.6





#47

Bromodichloromethane

Concen: 21.553 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

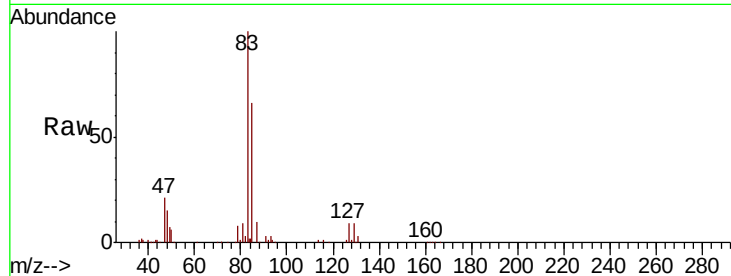
Tgt Ion: 83 Resp: 58216

Ion Ratio Lower Upper

83 100

85 66.0 49.4 74.2

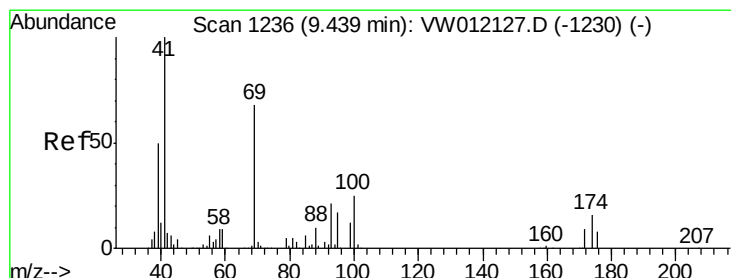
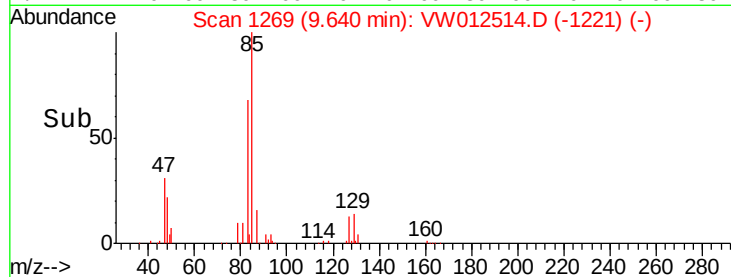
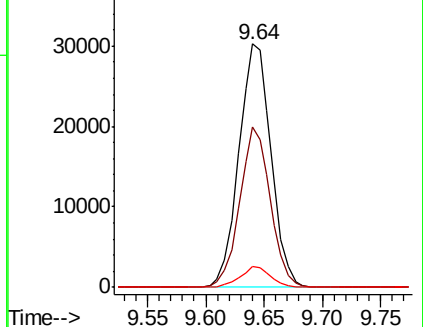
127 8.7 6.1 9.1



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: 23.448 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

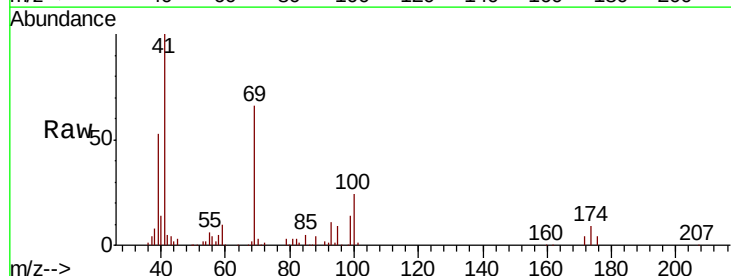
Tgt Ion: 41 Resp: 35162

Ion Ratio Lower Upper

41 100

69 73.0 56.7 85.1

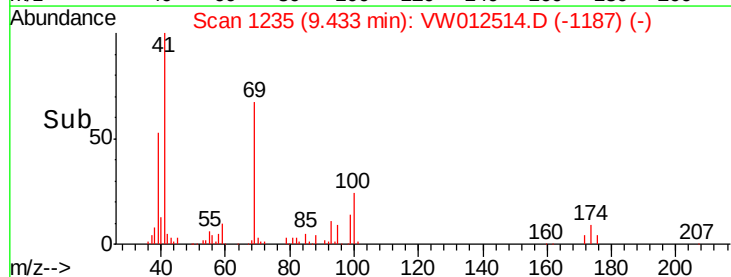
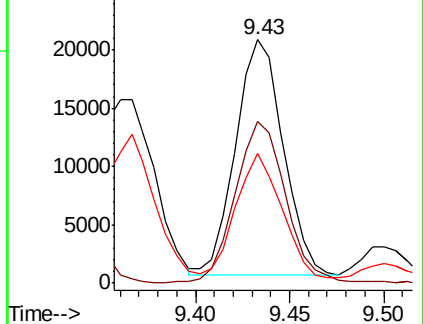
39 54.8 42.0 63.0

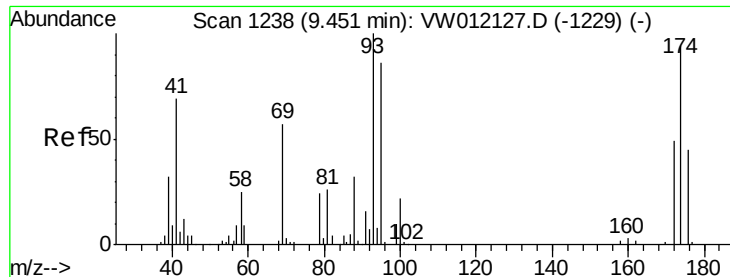


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 510.395 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

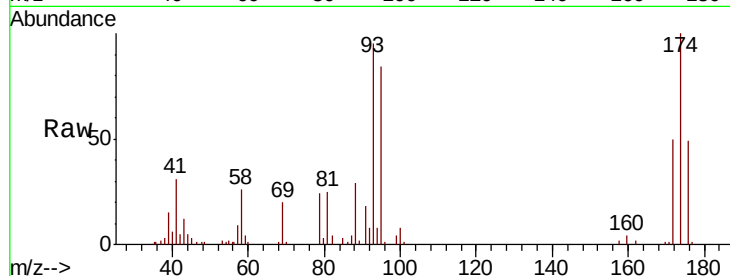
Tgt Ion: 88 Resp: 7930

Ion Ratio Lower Upper

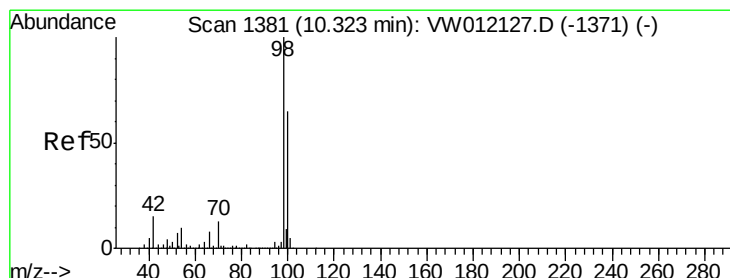
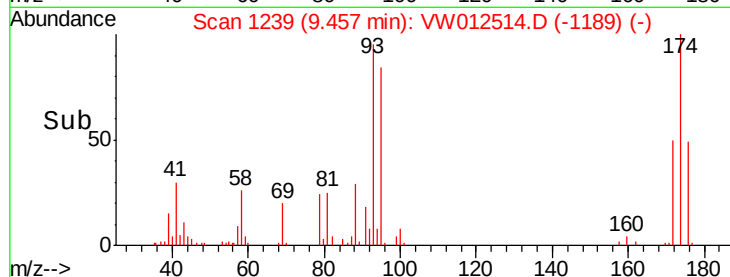
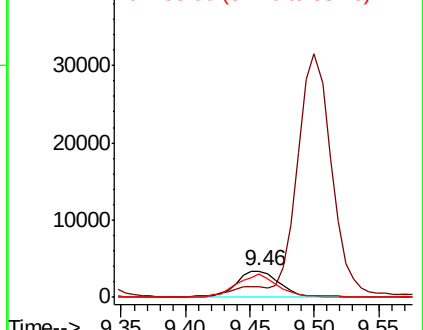
88 100

43 34.4 32.9 49.3

58 88.7 71.0 106.4



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.293 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012514.D

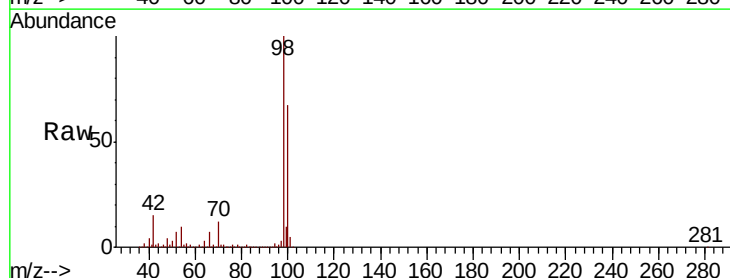
Acq: 02 Sep 2019 22:55

Tgt Ion: 98 Resp: 372884

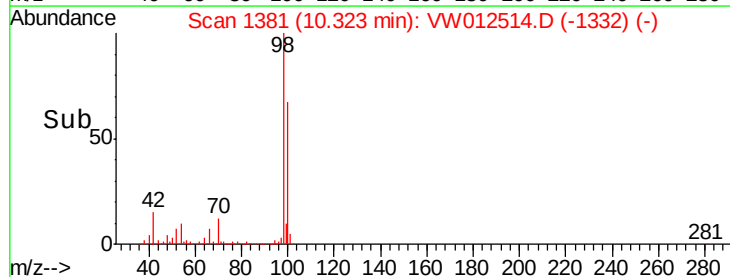
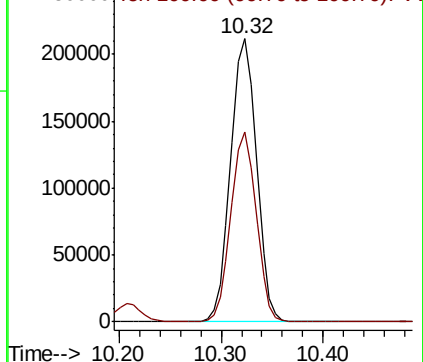
Ion Ratio Lower Upper

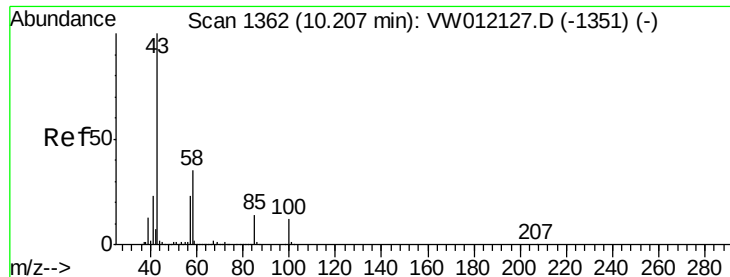
98 100

100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 123.263 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

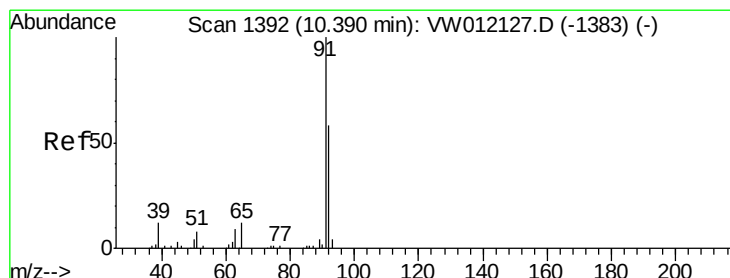
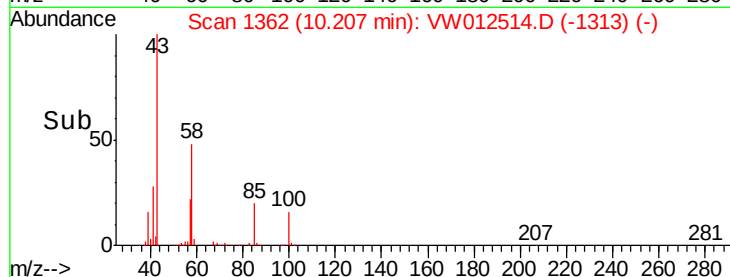
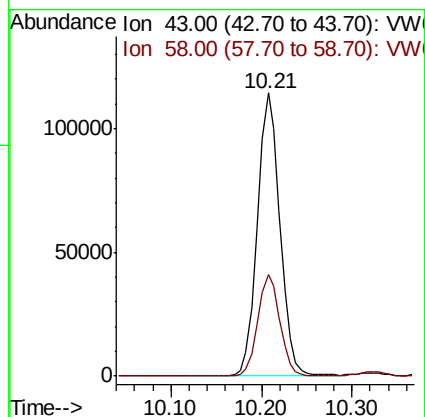
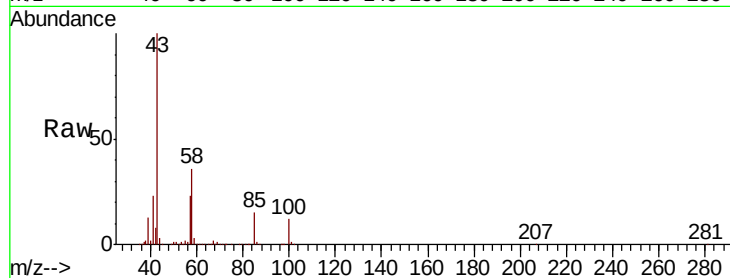
VW0902SBS02

Tgt Ion: 43 Resp: 197532

Ion Ratio Lower Upper

43 100

58 35.3 28.2 42.2



#52

Toluene

Concen: 20.738 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012514.D

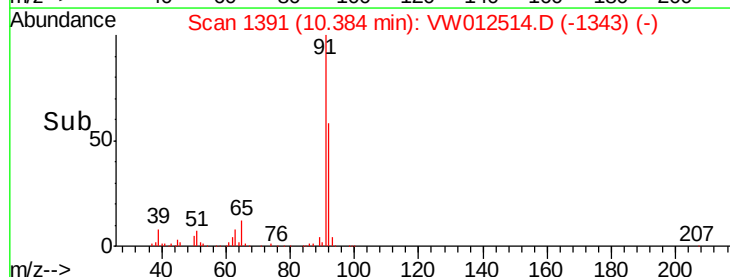
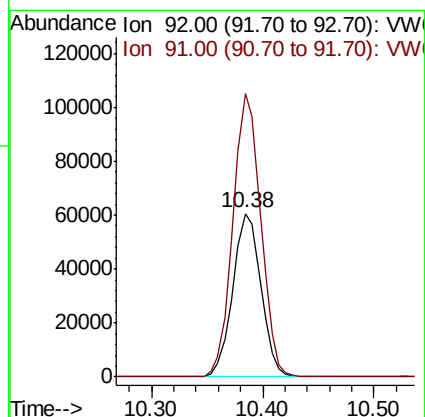
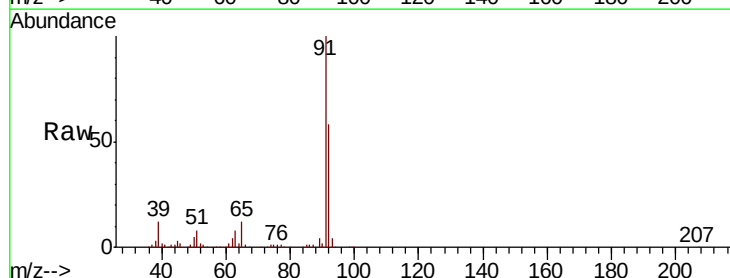
Acq: 02 Sep 2019 22:55

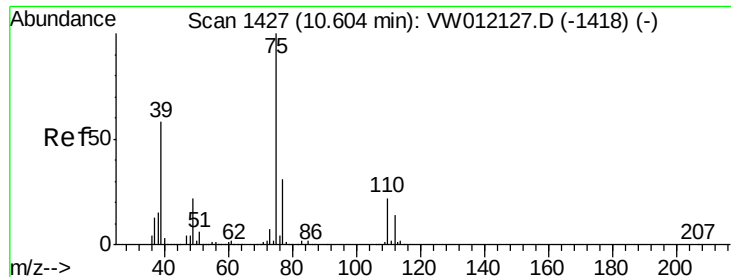
Tgt Ion: 92 Resp: 105590

Ion Ratio Lower Upper

92 100

91 172.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 21.707 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

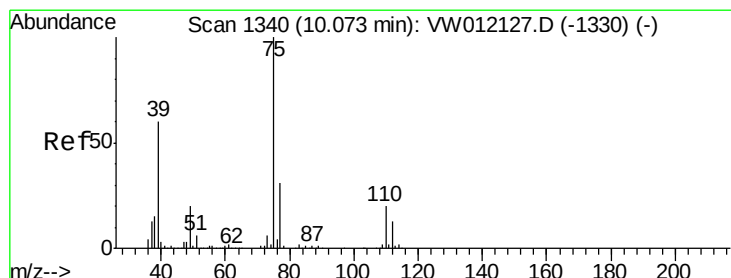
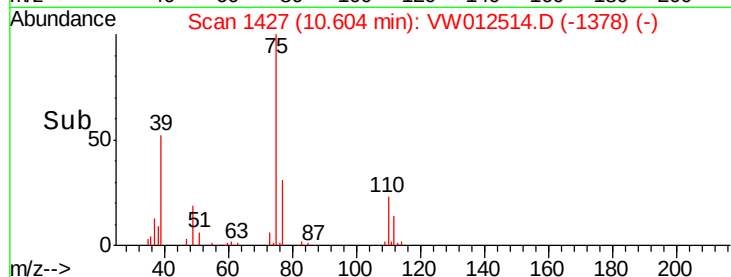
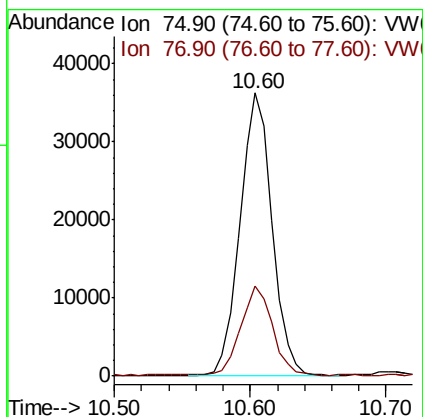
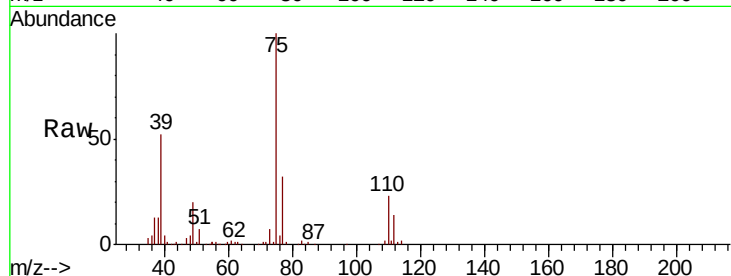
VW0902SBS02

Tgt Ion: 75 Resp: 59725

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.525 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

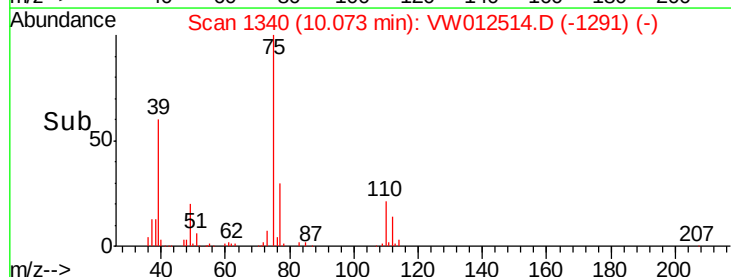
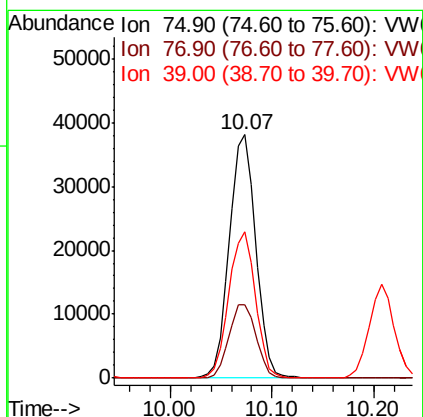
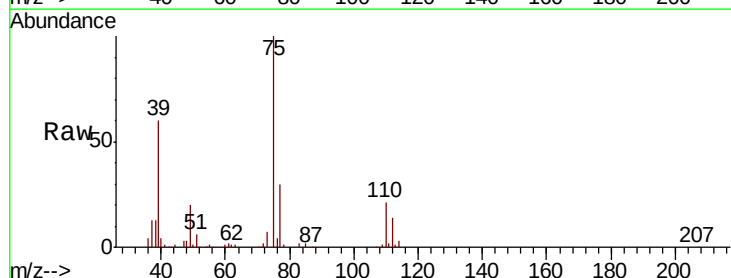
Tgt Ion: 75 Resp: 68188

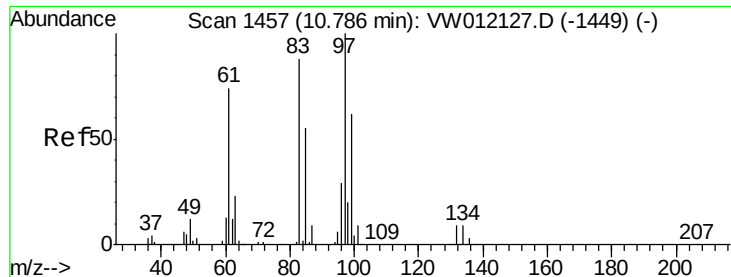
Ion Ratio Lower Upper

75 100

77 30.1 25.1 37.7

39 60.1 48.3 72.5

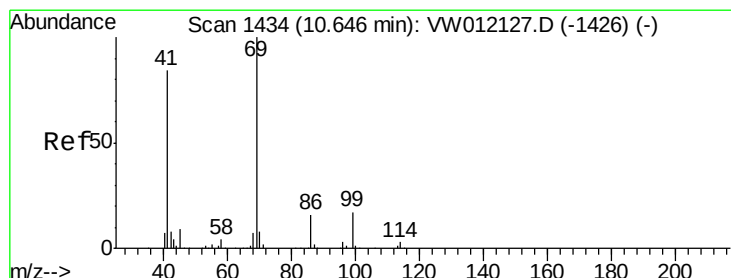
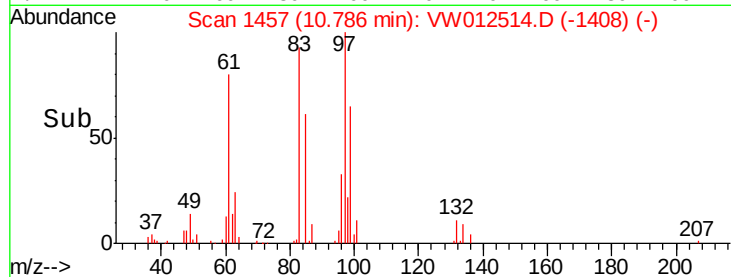
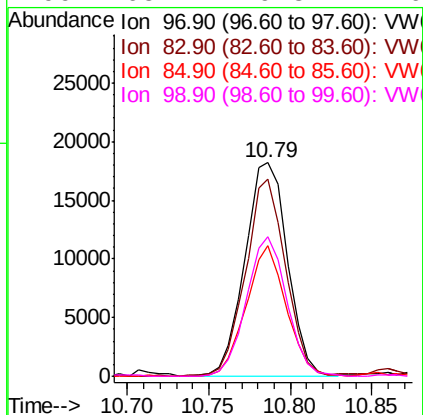
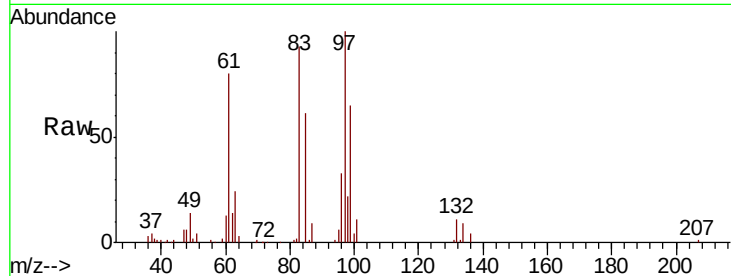




#55
 1,1,2-Trichloroethane
 Concen: 23.091 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

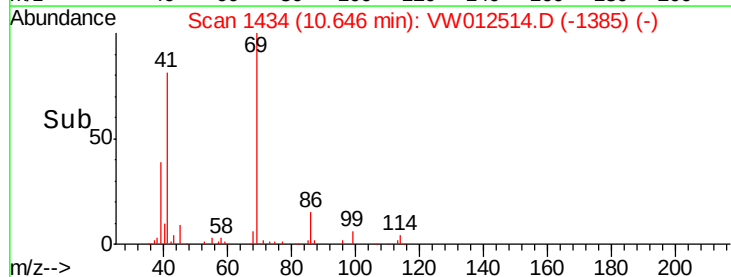
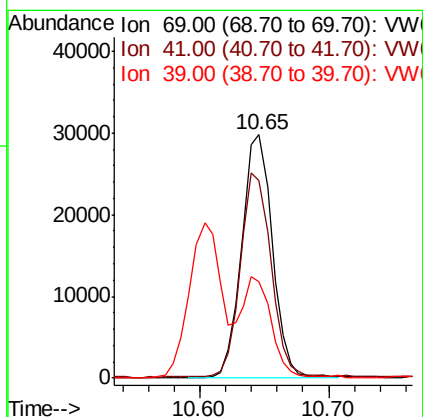
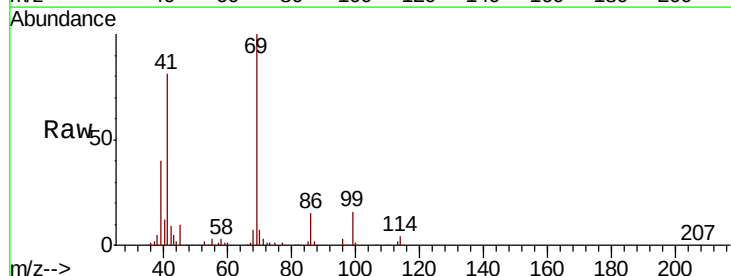
Instrument :
 MSVOA_W
 ClientSampled :
 VW0902SBS02

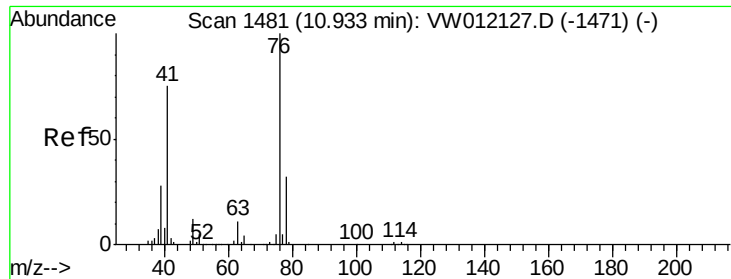
Tgt Ion:	97	Resp:	33157
Ion	Ratio	Lower	Upper
97	100		
83	92.2	70.8	106.2
85	61.1	43.8	65.8
99	65.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 23.541 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion:	69	Resp:	49199
Ion	Ratio	Lower	Upper
69	100		
41	83.0	66.5	99.7
39	36.0	31.0	46.4

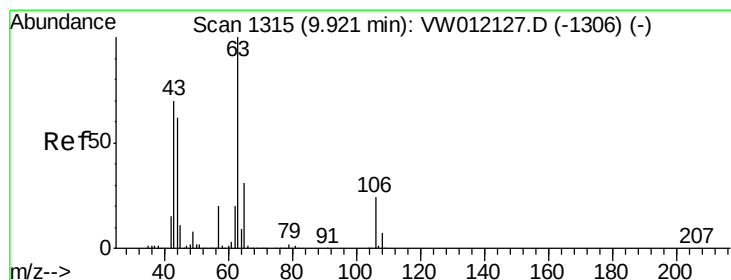
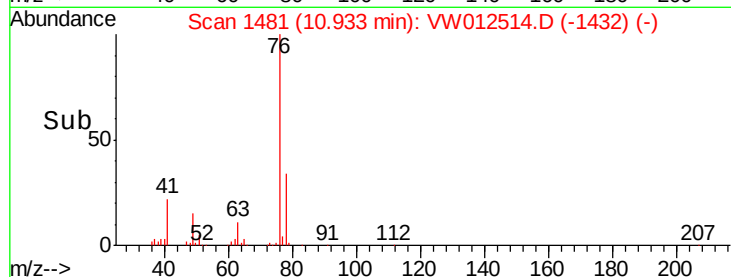
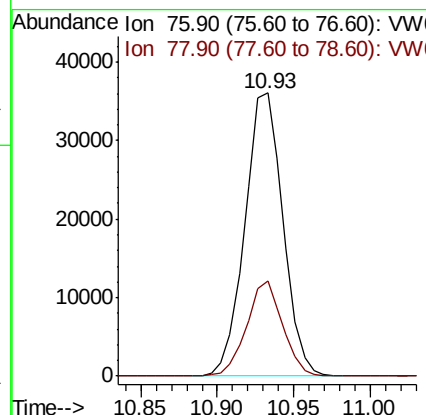
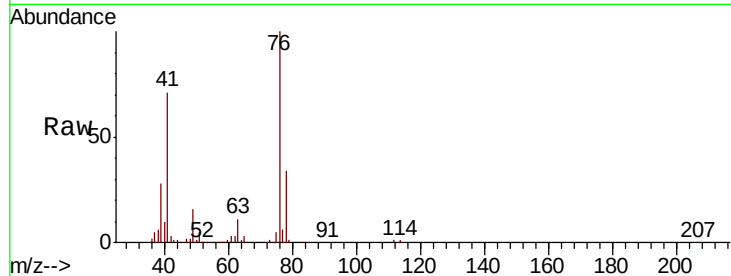




#57
 1,3-Dichloropropane
 Concen: 22.990 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

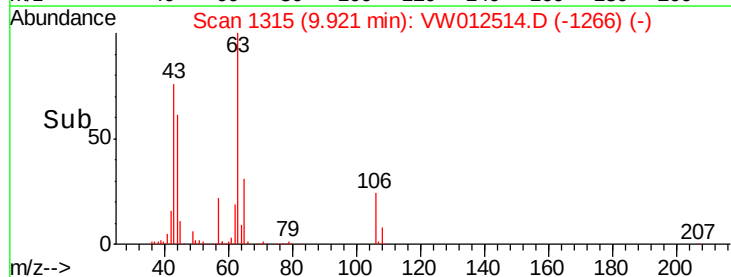
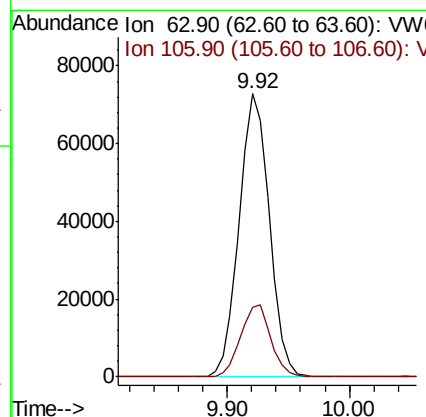
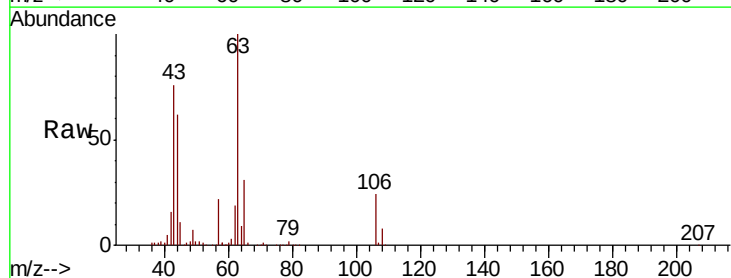
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

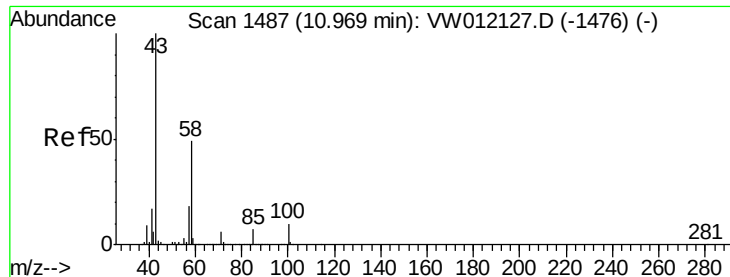
Tgt Ion: 76 Resp: 62386
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.055 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 63 Resp: 124479
 Ion Ratio Lower Upper
 63 100
 106 25.4 19.8 29.8

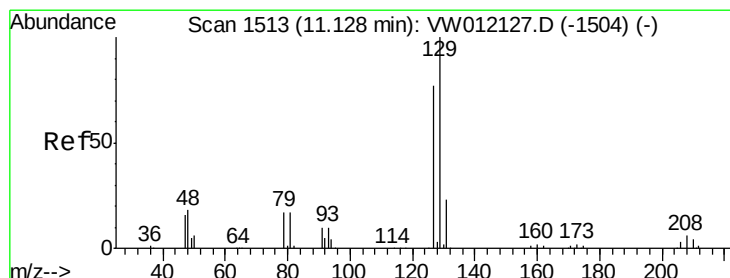
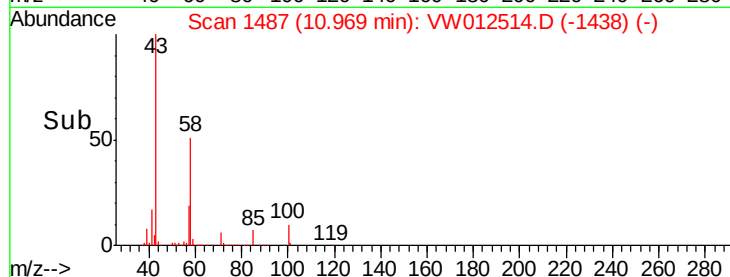
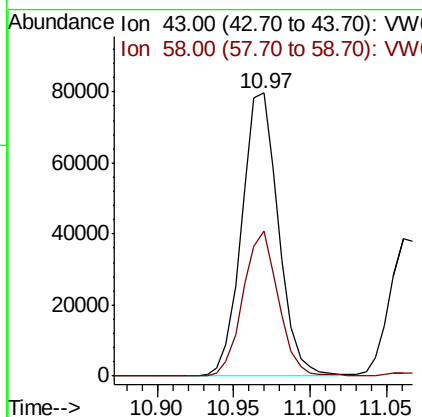
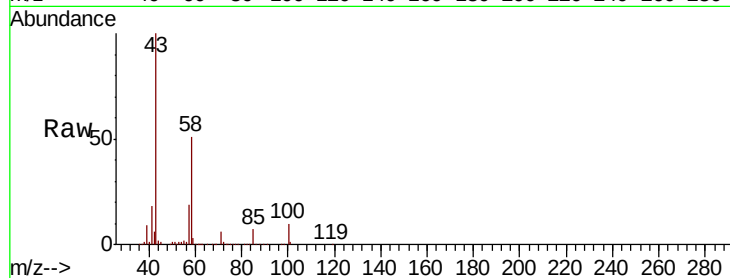




#59
2-Hexanone
Concen: 116.472 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

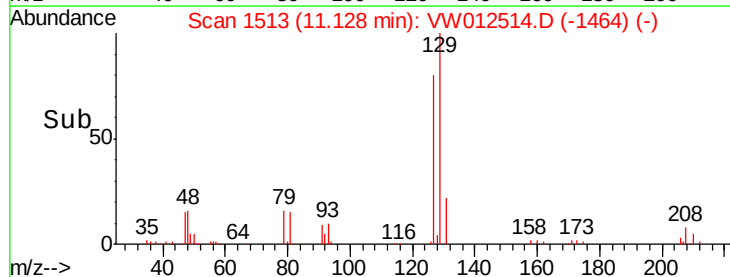
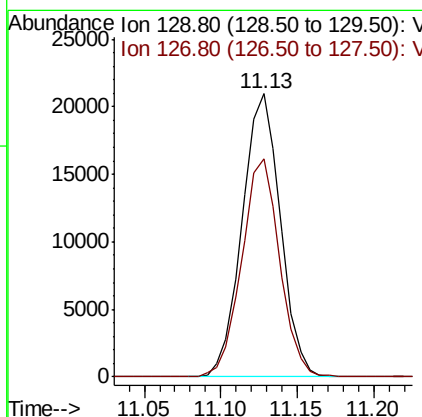
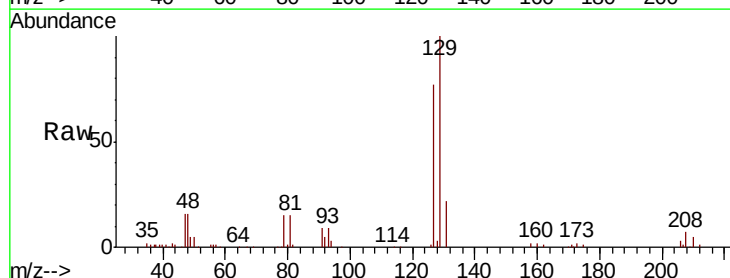
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

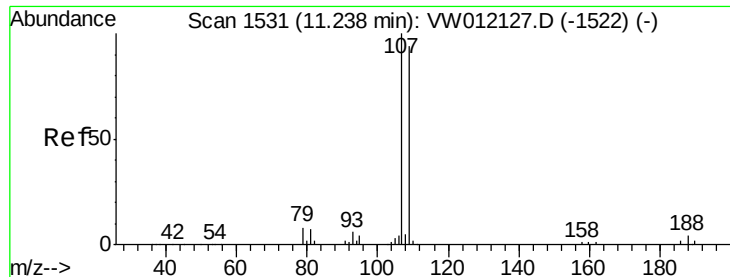
Tgt Ion: 43 Resp: 132066
Ion Ratio Lower Upper
43 100
58 49.5 24.3 72.9



#60
Dibromochloromethane
Concen: 22.773 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion: 129 Resp: 36423
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 23.113 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

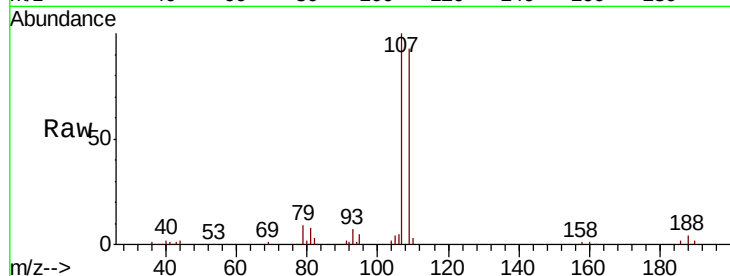
VW0902SBS02

Tgt Ion: 107 Resp: 30920

Ion Ratio Lower Upper

107 100

109 93.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

20000

15000

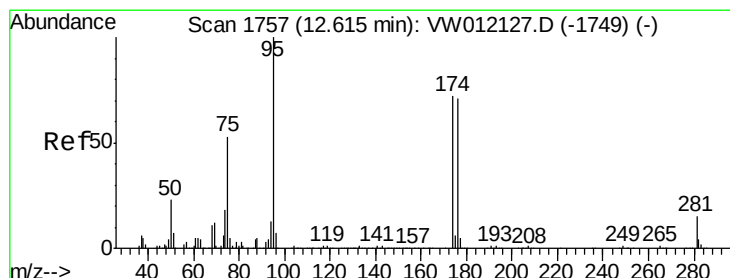
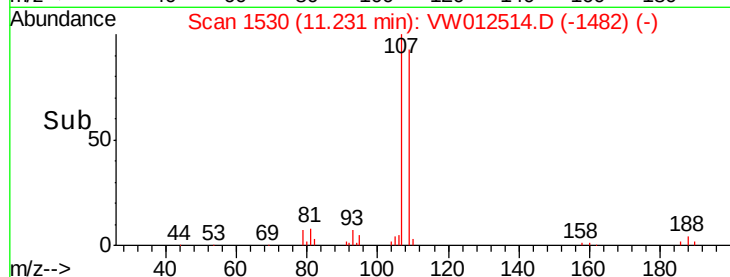
10000

5000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 52.480 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

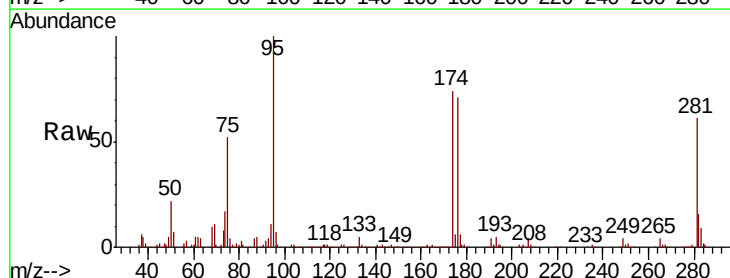
Tgt Ion: 95 Resp: 134483

Ion Ratio Lower Upper

95 100

174 77.9 0.0 150.8

176 76.1 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

100000

80000

60000

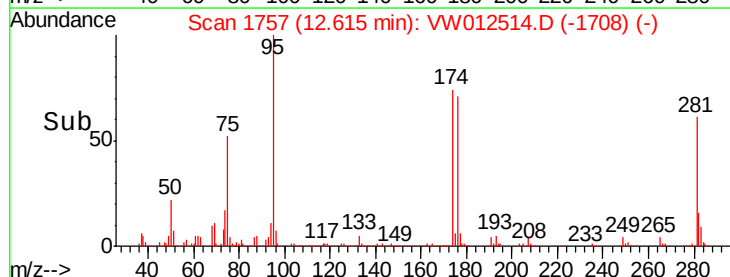
40000

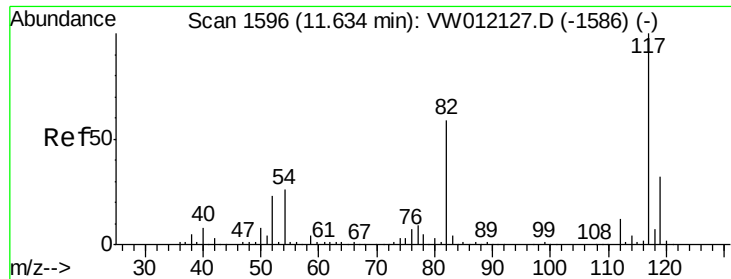
20000

0

Time-->

12.50 12.60 12.70

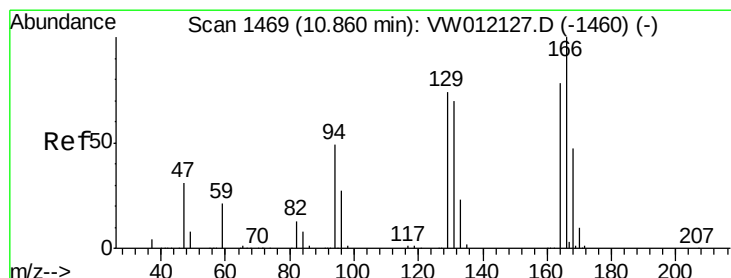
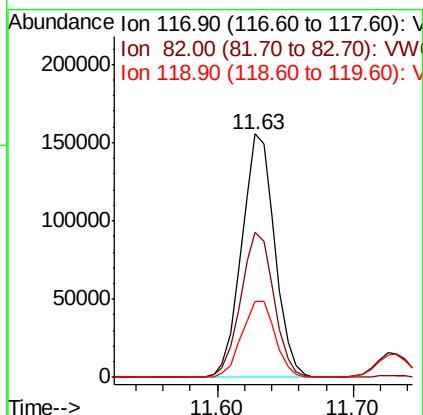
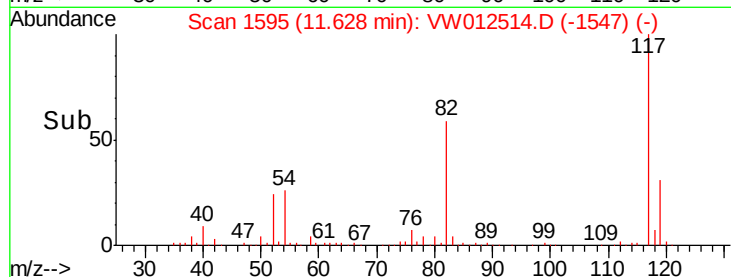
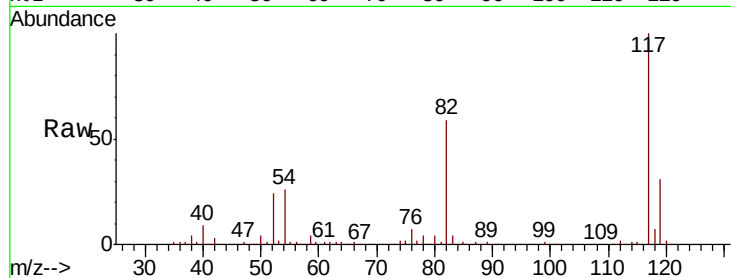




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

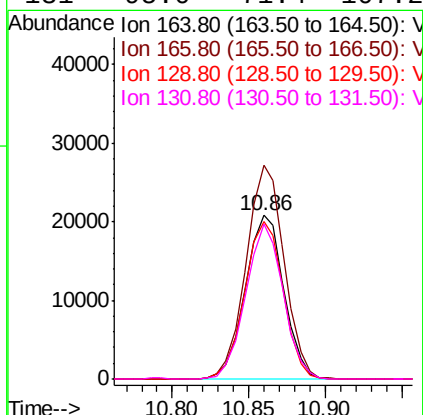
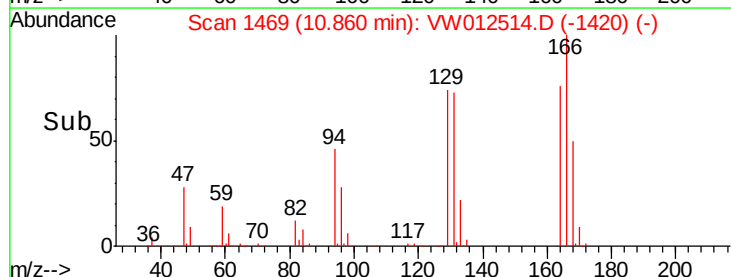
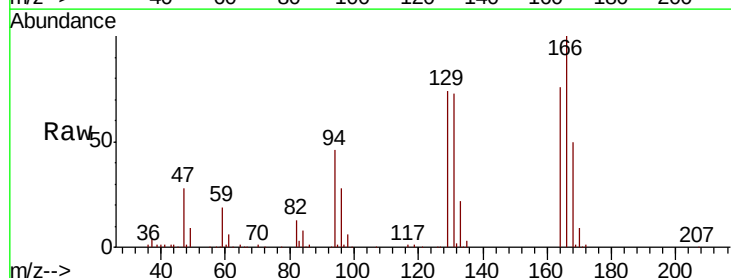
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

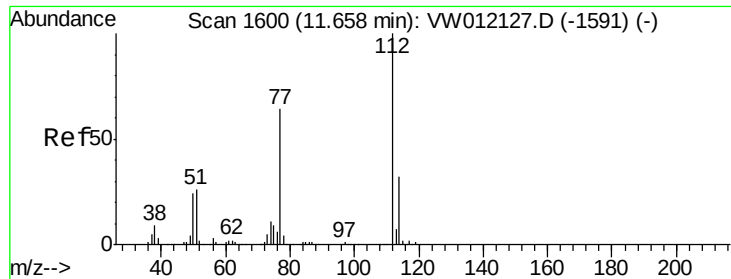
Tgt Ion:117 Resp: 262957
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 21.387 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion:164 Resp: 36461
Ion Ratio Lower Upper
164 100
166 130.8 102.4 153.6
129 96.3 75.8 113.6
131 95.0 71.4 107.2

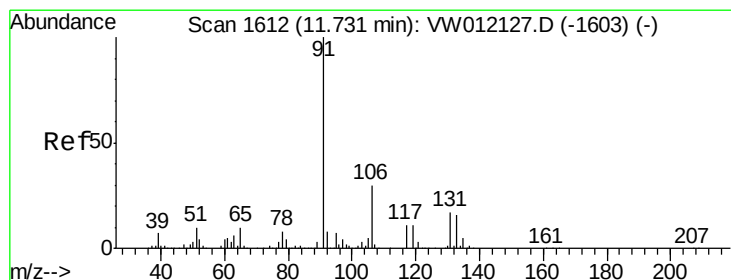
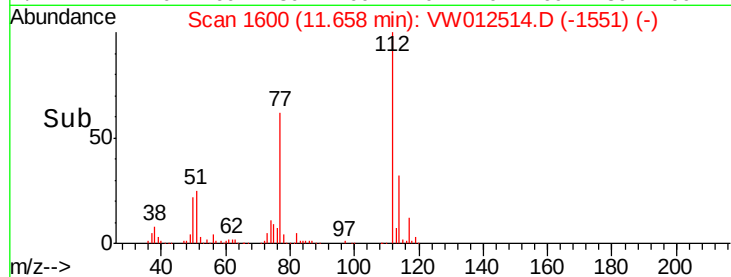
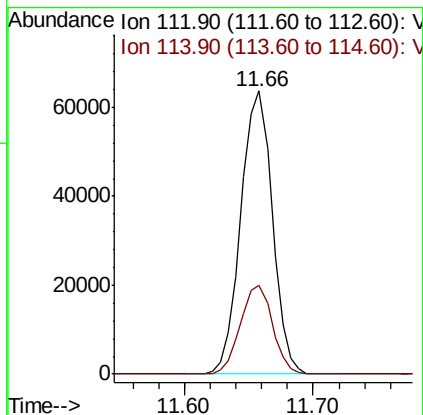
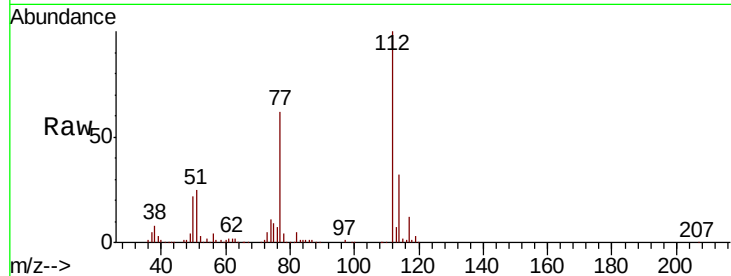




#65
Chlorobenzene
Concen: 20.838 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

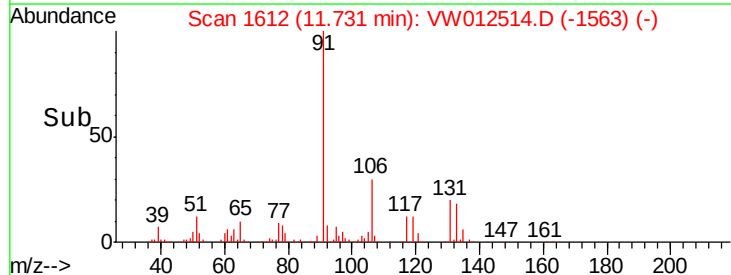
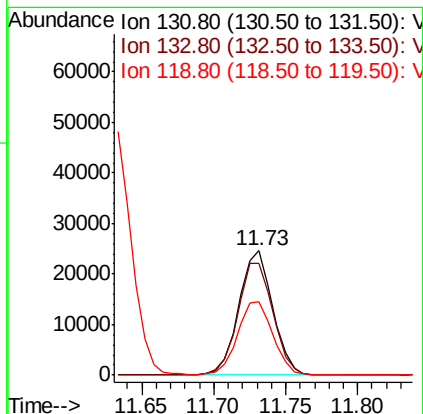
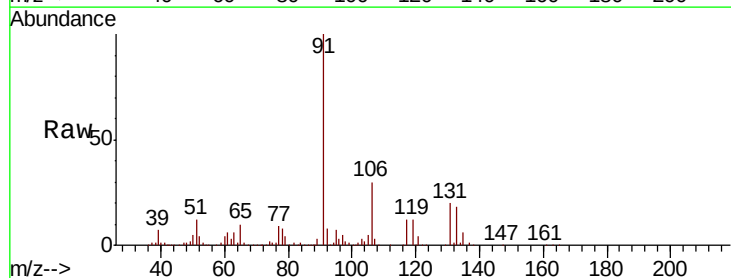
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

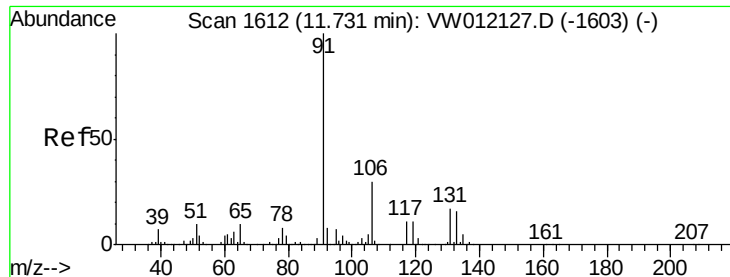
Tgt Ion:112 Resp: 107897
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.171 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion:131 Resp: 40049
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.3
119 62.2 31.8 95.3

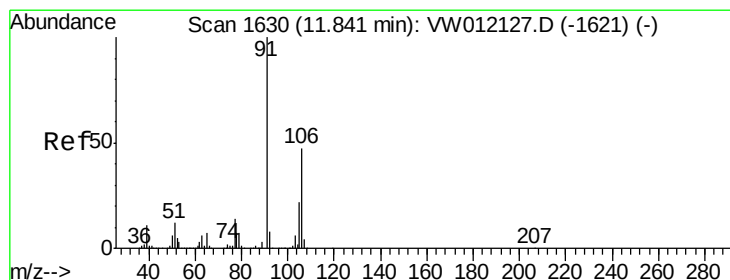
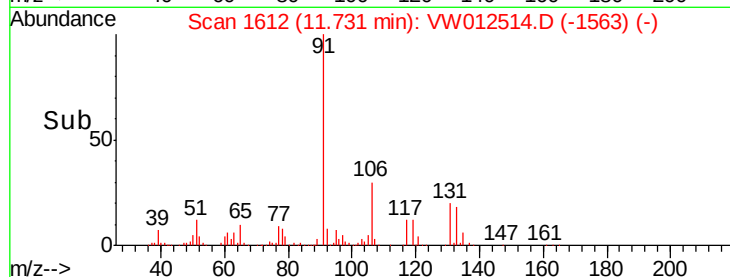
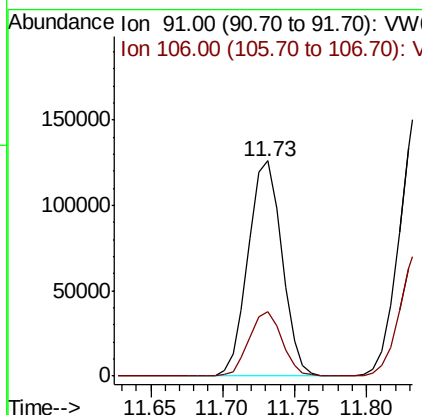
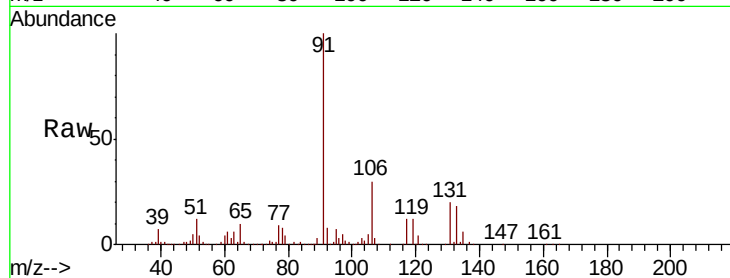




#67
Ethyl Benzene
Concen: 20.586 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

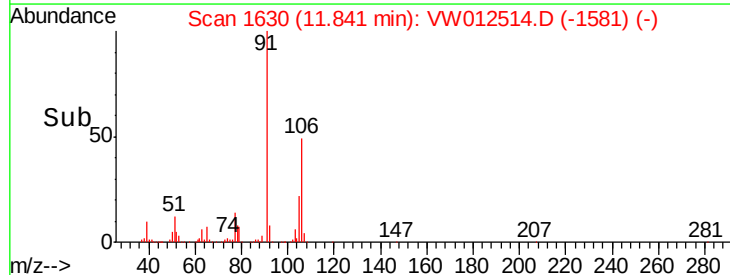
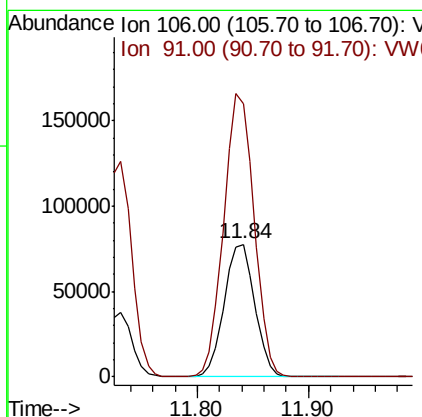
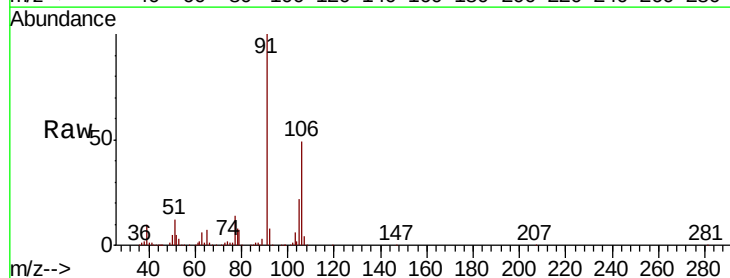
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

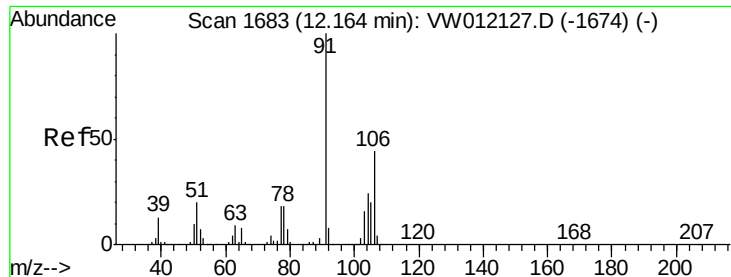
Tgt Ion: 91 Resp: 205334
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 41.104 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion: 106 Resp: 147681
Ion Ratio Lower Upper
106 100
91 211.9 169.5 254.3

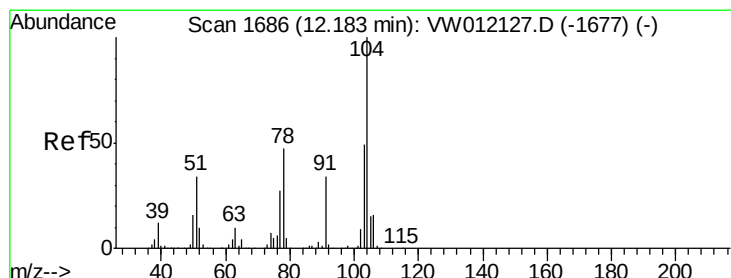
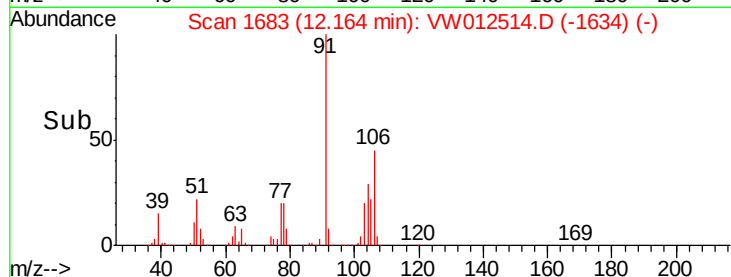
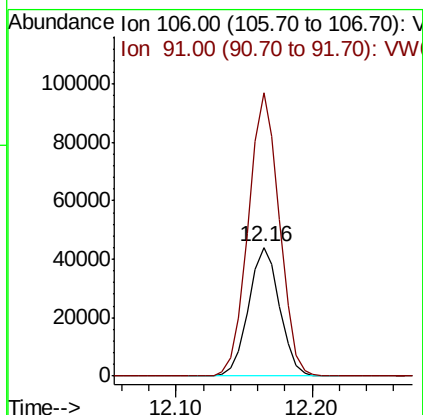
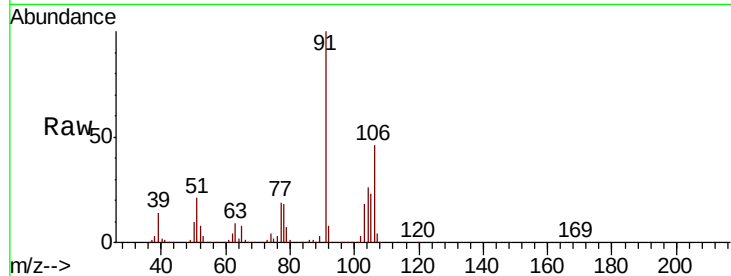




#69
o-Xylene
Concen: 21.120 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

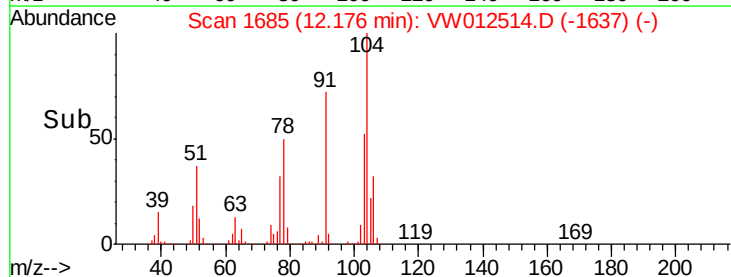
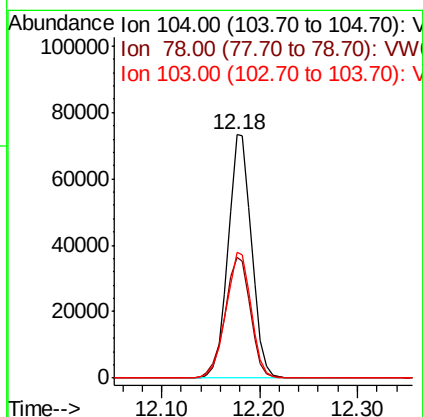
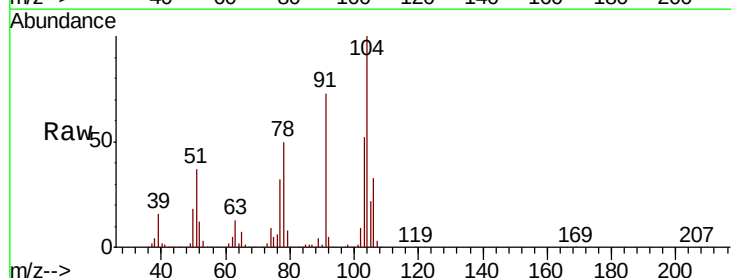
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

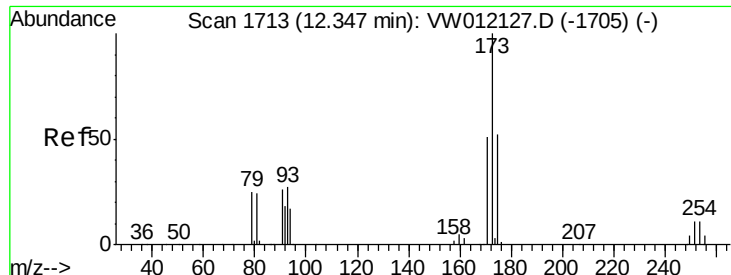
Tgt Ion:106 Resp: 70231
Ion Ratio Lower Upper
106 100
91 221.3 111.6 334.6



#70
Styrene
Concen: 21.179 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion:104 Resp: 121901
Ion Ratio Lower Upper
104 100
78 54.0 43.1 64.7
103 55.0 43.5 65.3





#71

Bromoform

Concen: 23.792 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

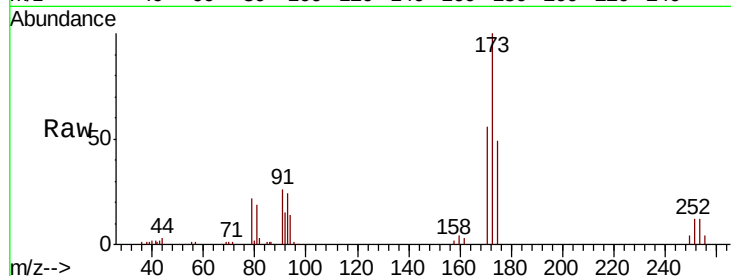
Tgt Ion:173 Resp: 21412

Ion Ratio Lower Upper

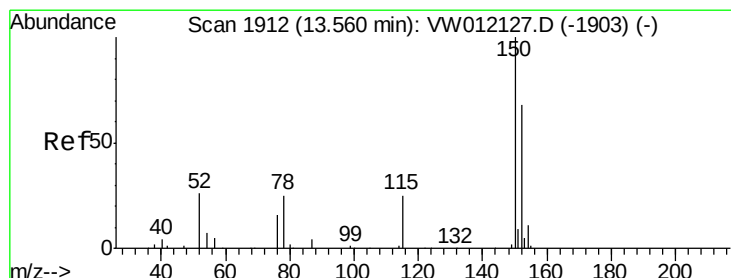
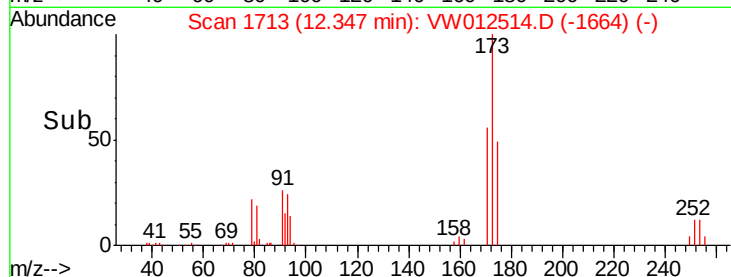
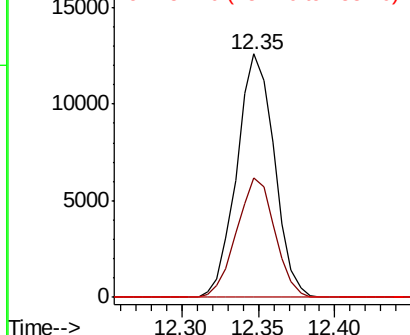
173 100

175 49.9 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: VW012514.D

Acq: 02 Sep 2019 22:55

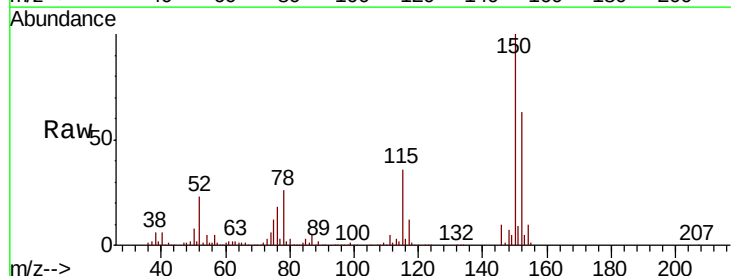
Tgt Ion:152 Resp: 127706

Ion Ratio Lower Upper

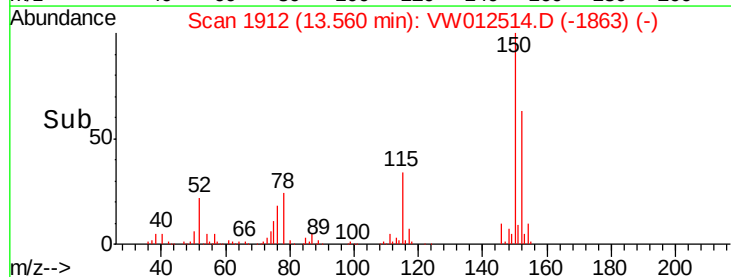
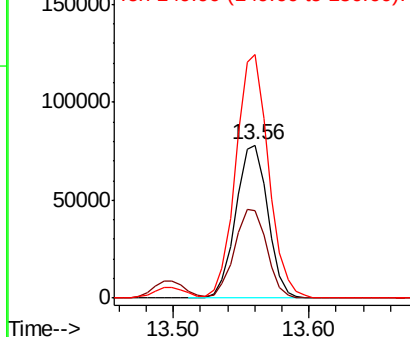
152 100

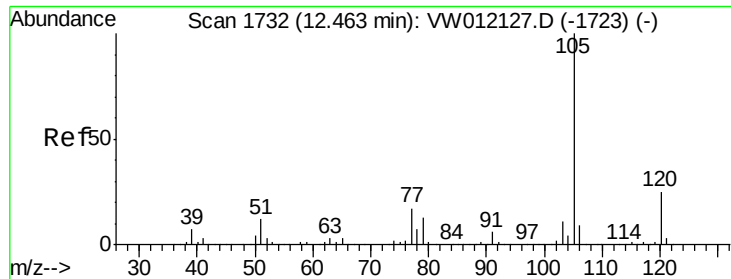
115 59.0 30.1 90.3

150 163.5 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

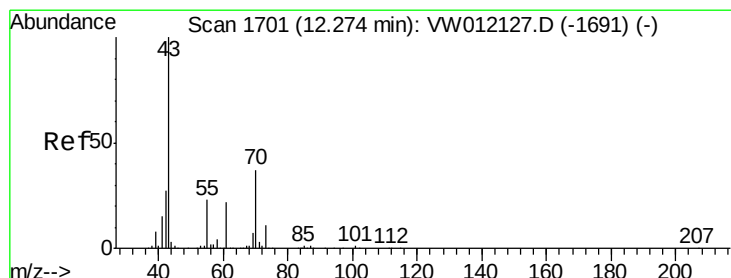
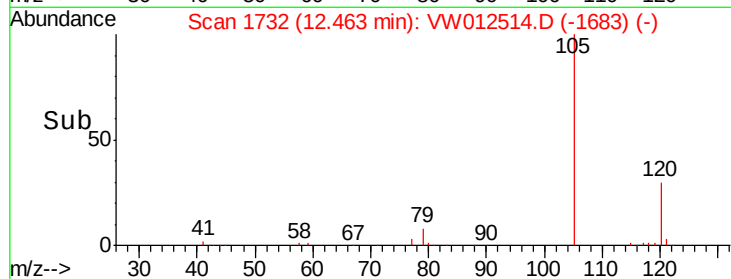
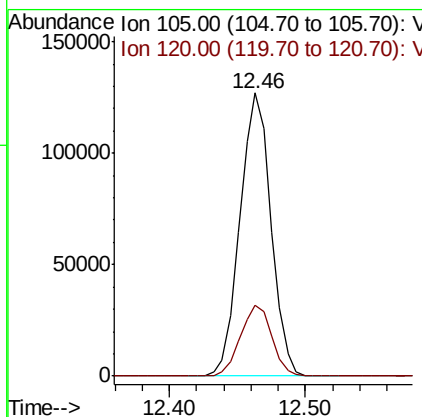
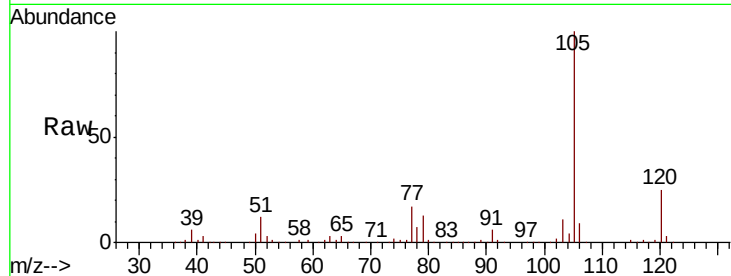




#73
Isopropylbenzene
Concen: 21.085 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

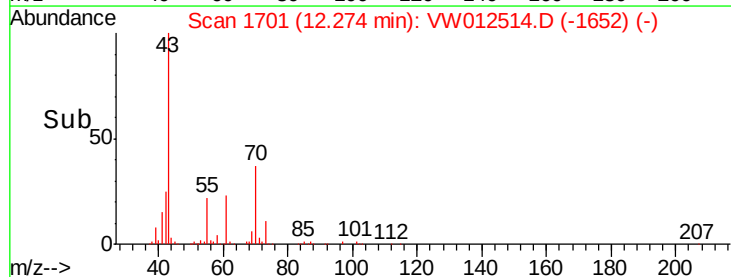
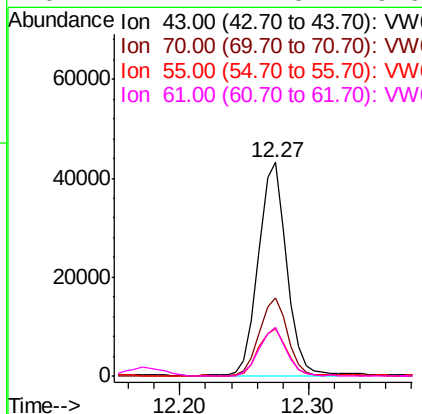
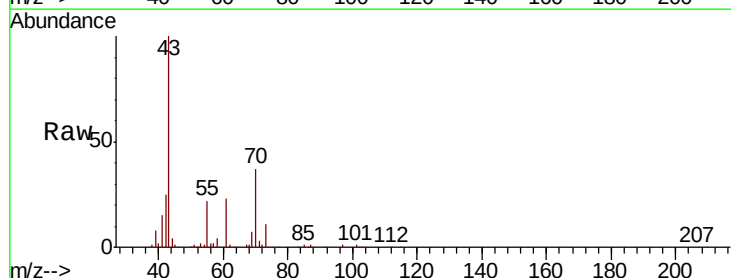
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

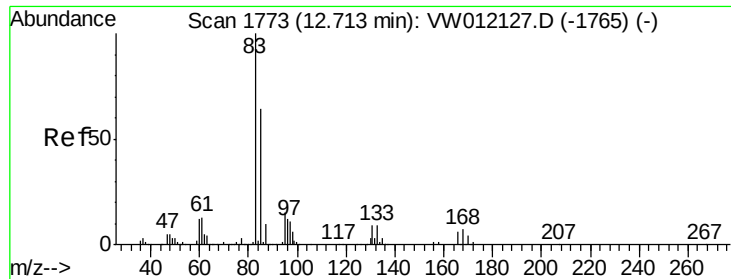
Tgt Ion: 105 Resp: 201770
Ion Ratio Lower Upper
105 100
120 25.3 12.5 37.5



#74
N-ethyl acetate
Concen: 22.451 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion: 43 Resp: 64908
Ion Ratio Lower Upper
43 100
70 36.9 28.6 43.0
55 22.4 17.8 26.6
61 22.1 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.761 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

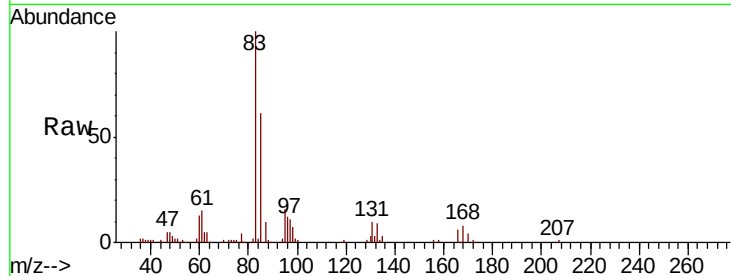
Tgt Ion: 83 Resp: 41685

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

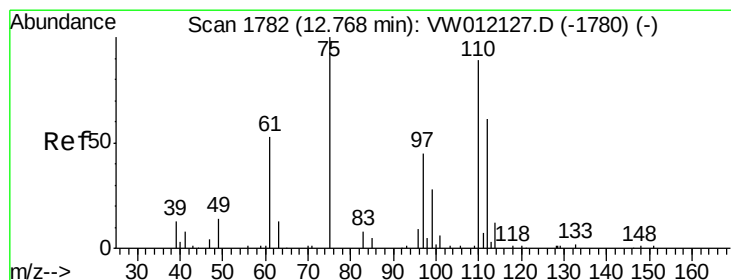
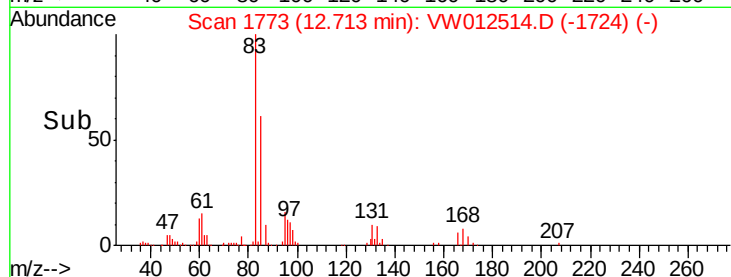
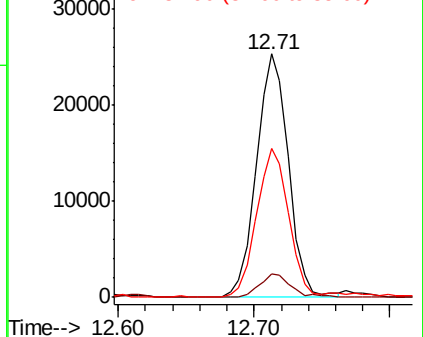
85 61.4 31.9 95.7



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: 41.854 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012514.D

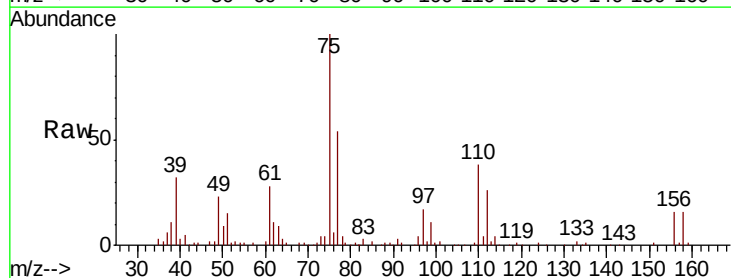
Acq: 02 Sep 2019 22:55

Tgt Ion: 75 Resp: 52056

Ion Ratio Lower Upper

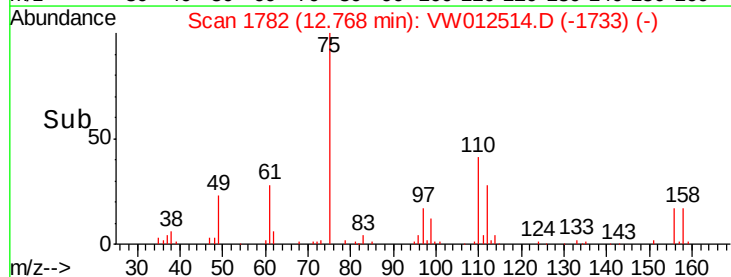
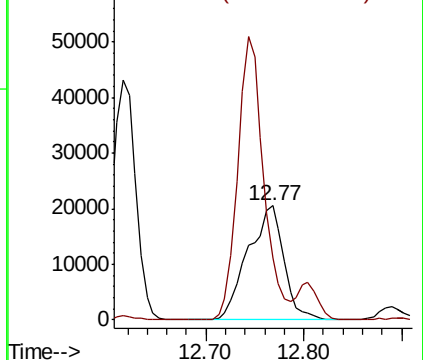
75 100

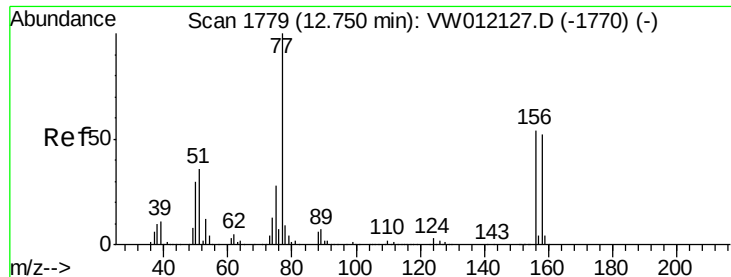
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.548 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

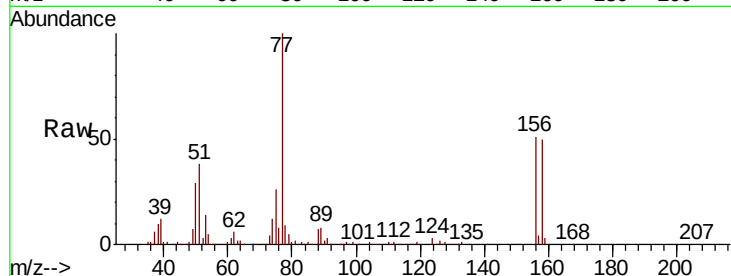
Tgt Ion:156 Resp: 44608

Ion Ratio Lower Upper

156 100

77 211.4 107.3 321.8

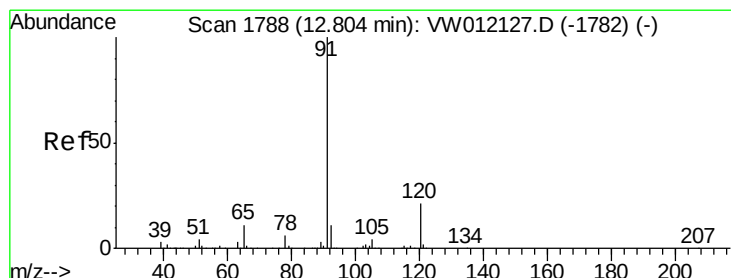
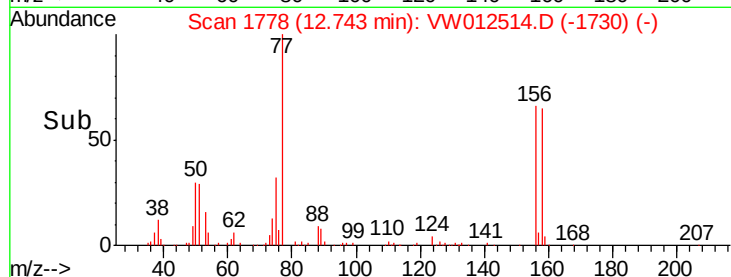
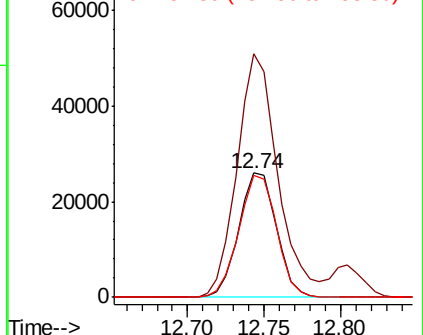
158 98.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.512 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012514.D

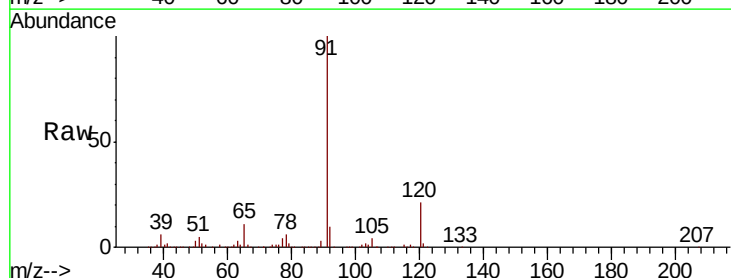
Acq: 02 Sep 2019 22:55

Tgt Ion: 91 Resp: 239625

Ion Ratio Lower Upper

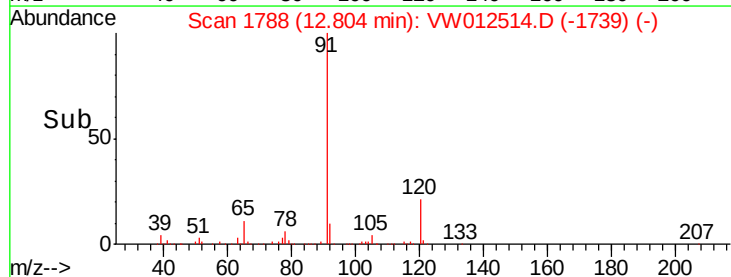
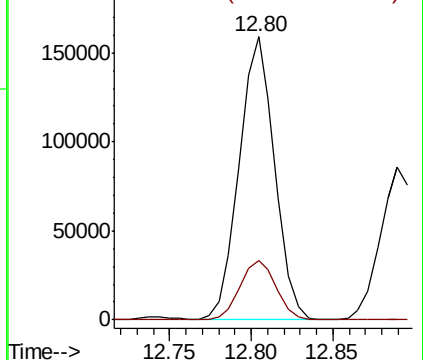
91 100

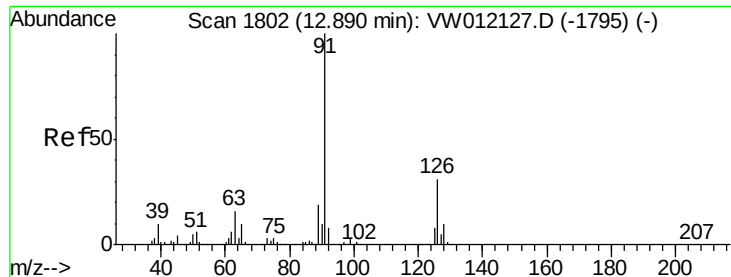
120 21.4 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.530 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

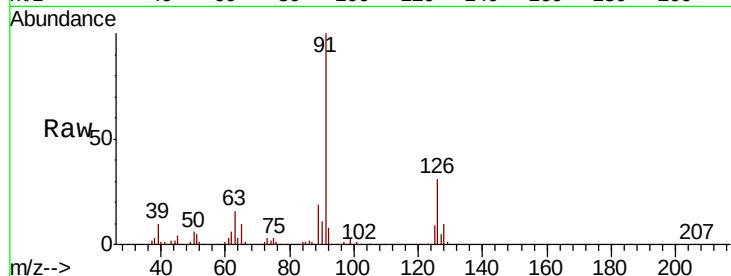
VW0902SBS02

Tgt Ion: 91 Resp: 136163

Ion Ratio Lower Upper

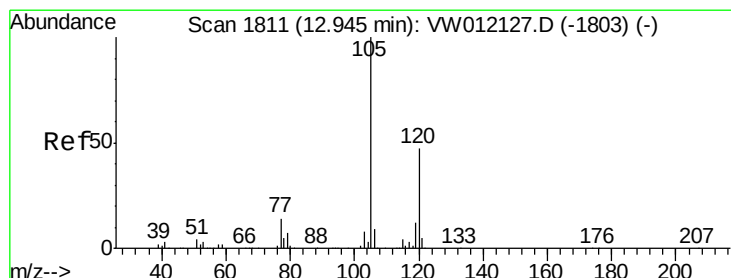
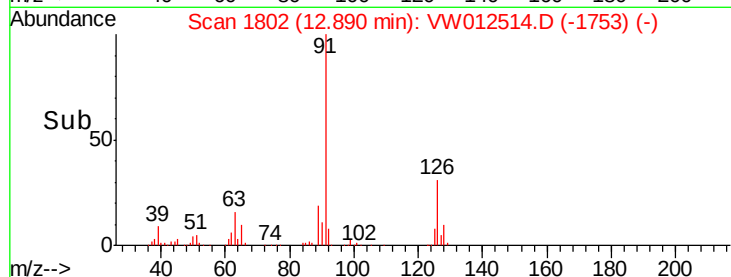
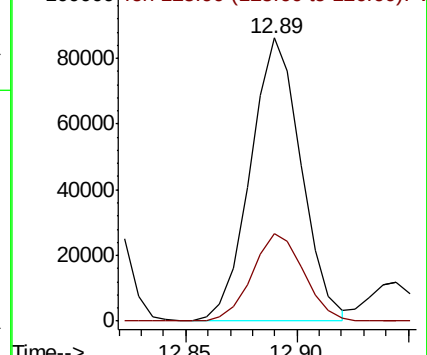
91 100

126 31.6 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.928 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012514.D

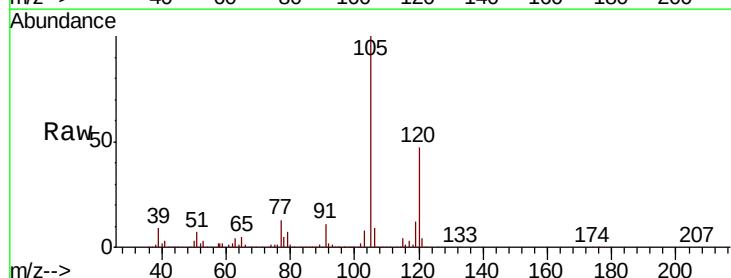
Acq: 02 Sep 2019 22:55

Tgt Ion: 105 Resp: 167341

Ion Ratio Lower Upper

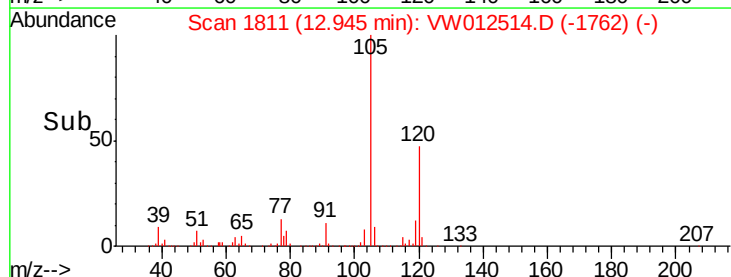
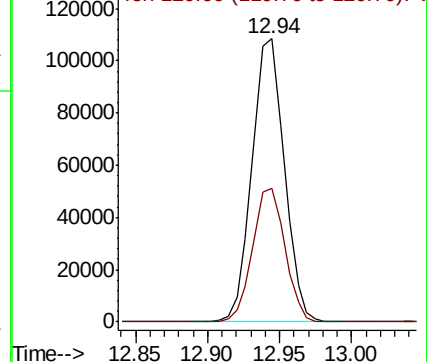
105 100

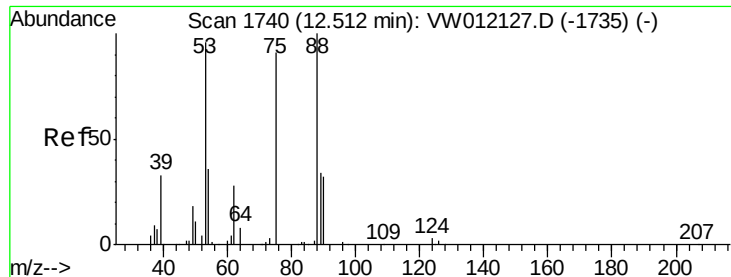
120 47.6 24.0 72.0



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: 22.155 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

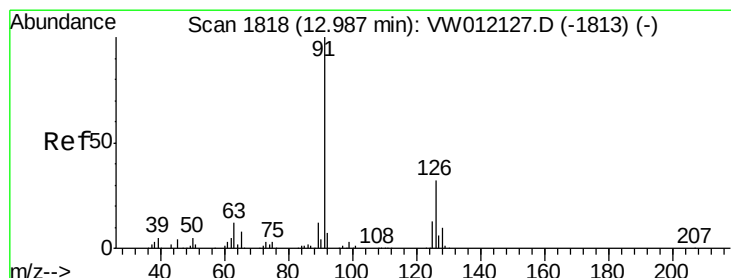
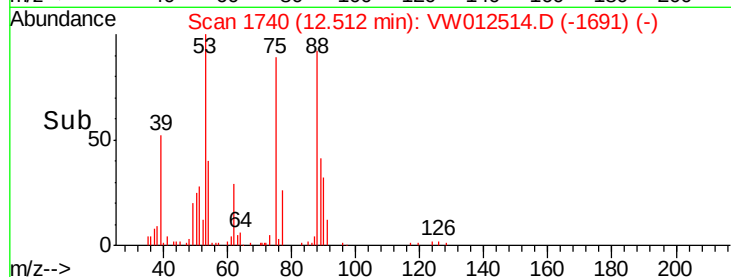
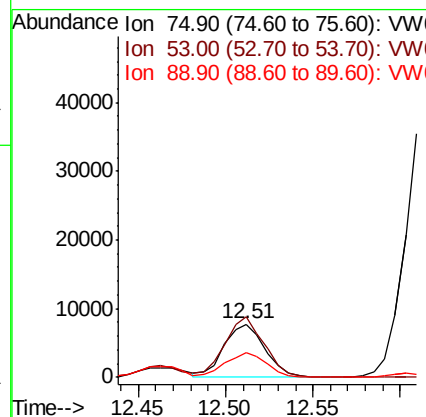
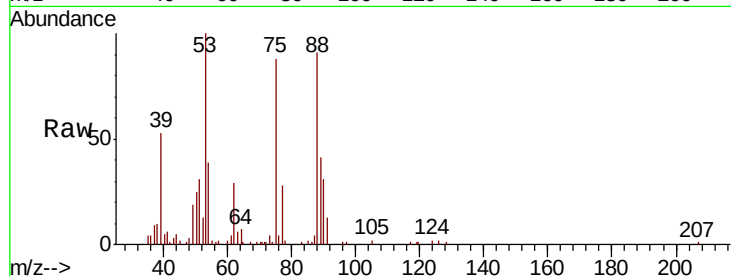
Tgt Ion: 75 Resp: 12568

Ion Ratio Lower Upper

75 100

53 110.0 89.4 134.0

89 46.5 34.5 51.7



#82

4-Chlorotoluene

Concen: 20.552 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012514.D

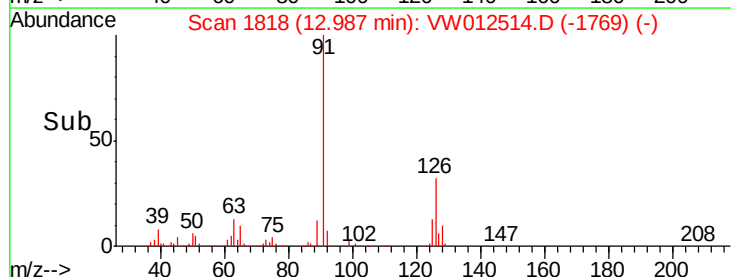
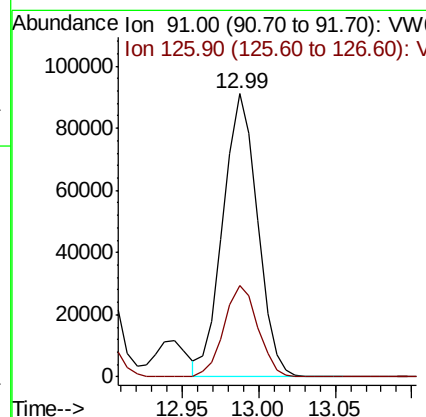
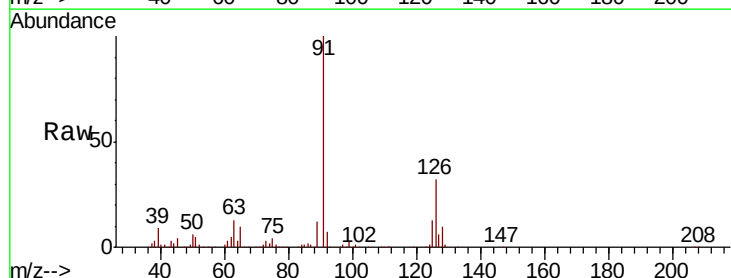
Acq: 02 Sep 2019 22:55

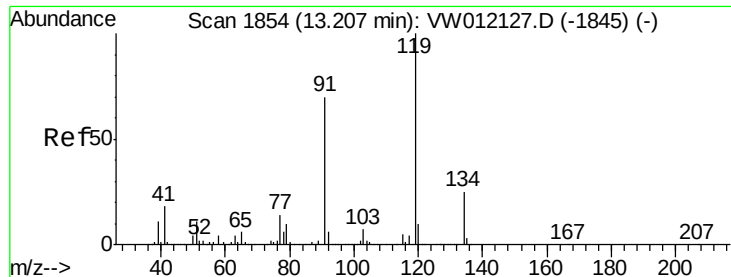
Tgt Ion: 91 Resp: 142724

Ion Ratio Lower Upper

91 100

126 31.8 15.6 46.8

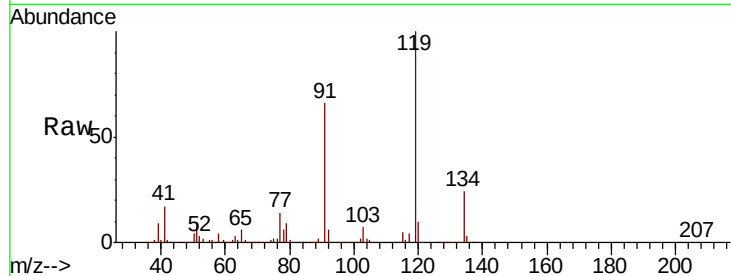




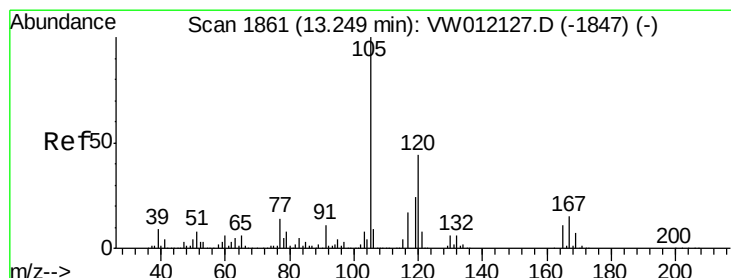
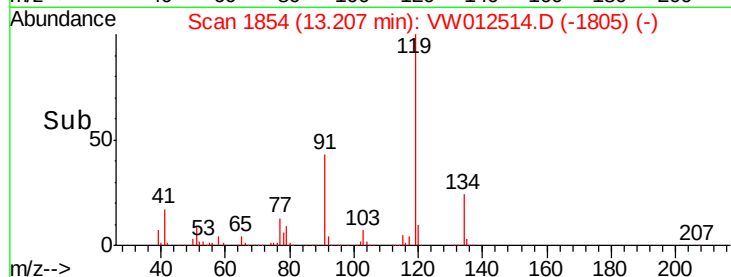
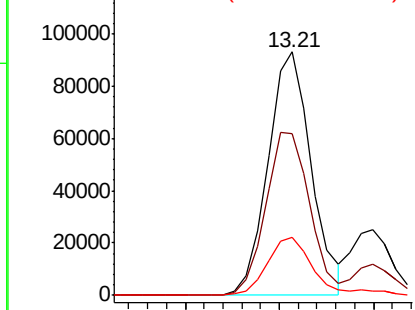
#83
 tert-Butylbenzene
 Concen: 21.878 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

Tgt Ion:119 Resp: 148186
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.8 104.3
 134 25.7 13.3 39.8

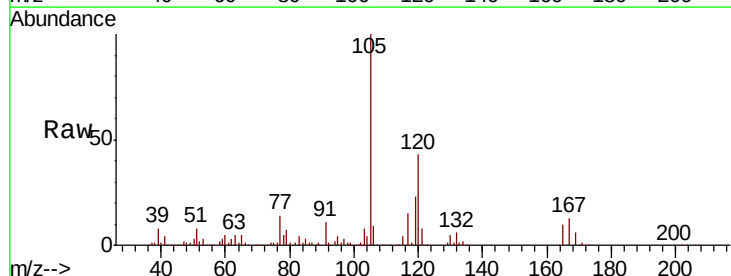


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

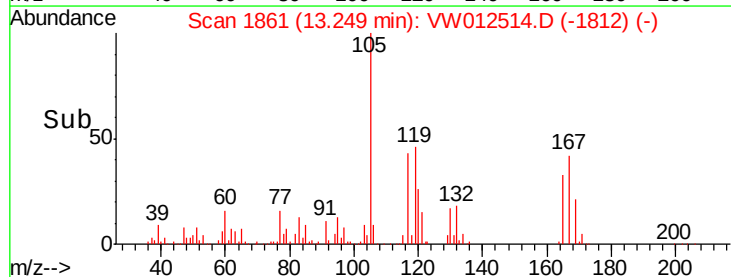
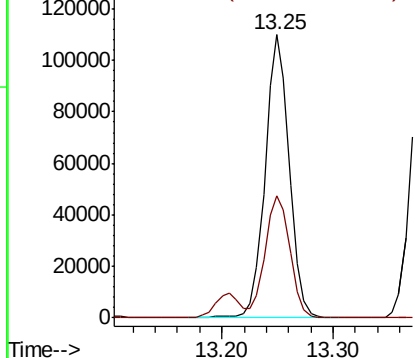


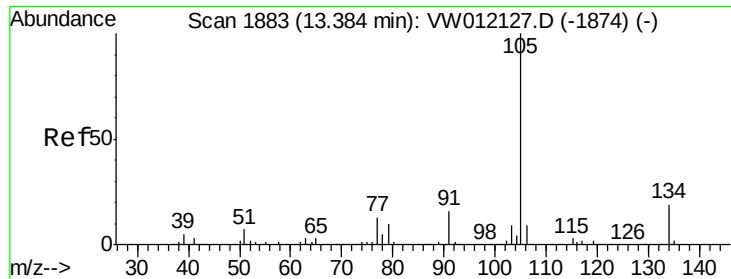
#84
 1,2,4-Trimethylbenzene
 Concen: 20.639 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion:105 Resp: 165773
 Ion Ratio Lower Upper
 105 100
 120 45.0 21.9 65.7



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

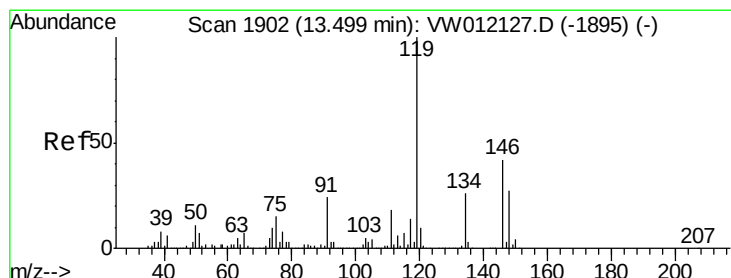
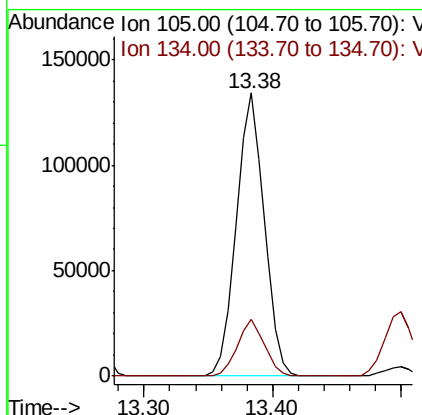
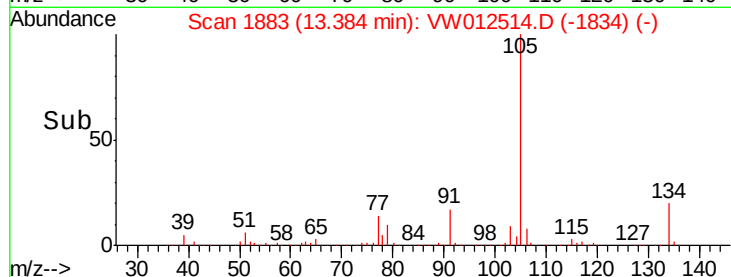
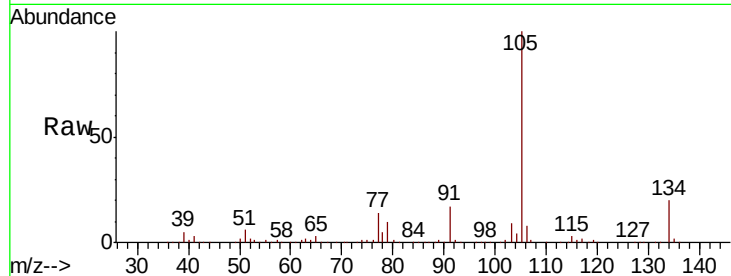




#85
 sec-Butylbenzene
 Concen: 20.770 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

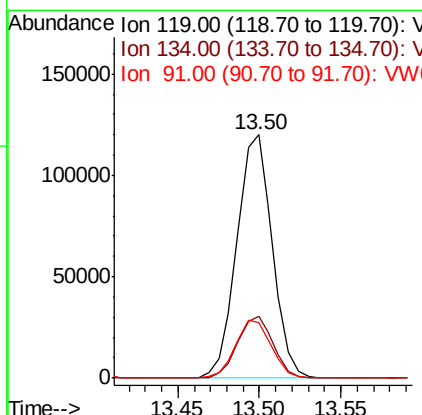
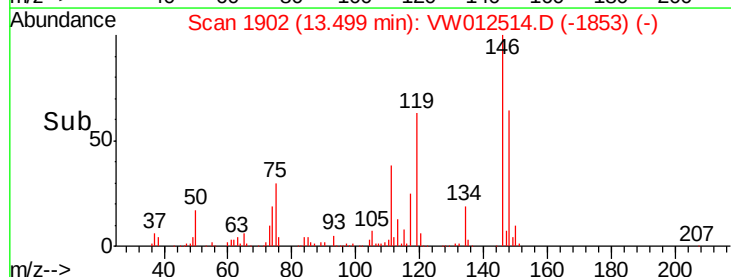
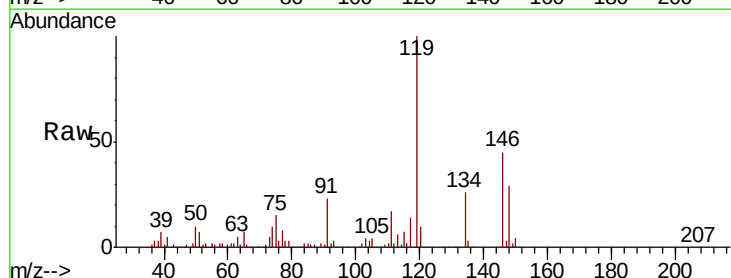
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

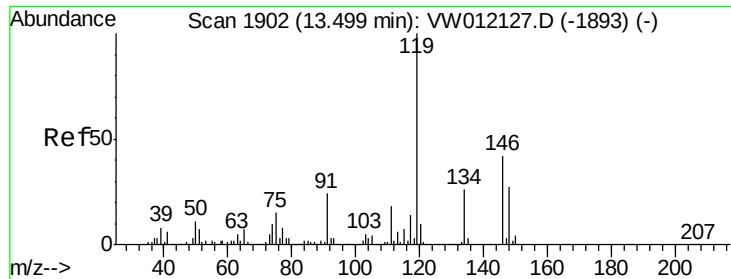
Tgt Ion:105 Resp: 201553
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.884 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion:119 Resp: 180983
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 24.2 12.3 36.9

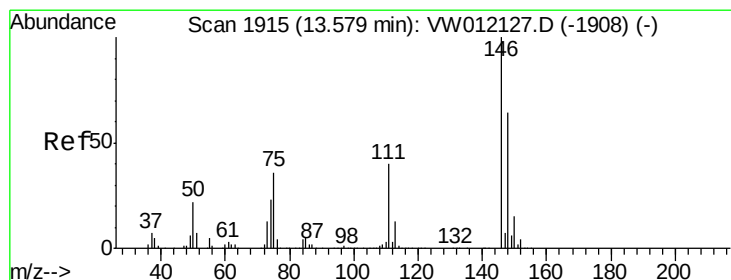
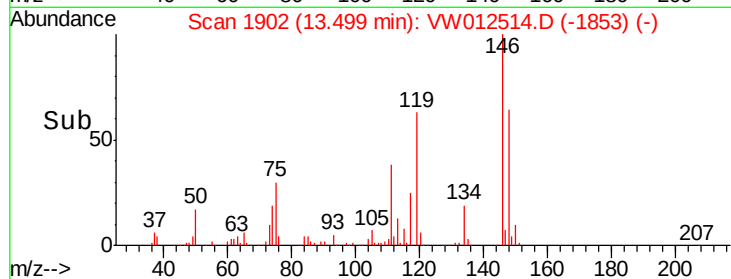
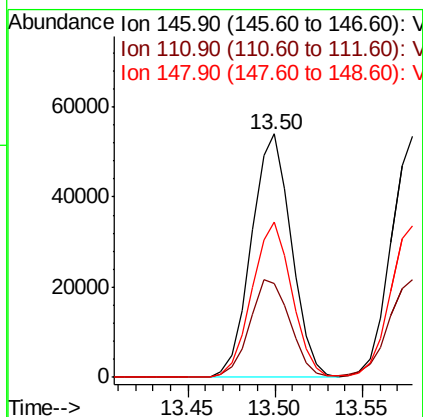
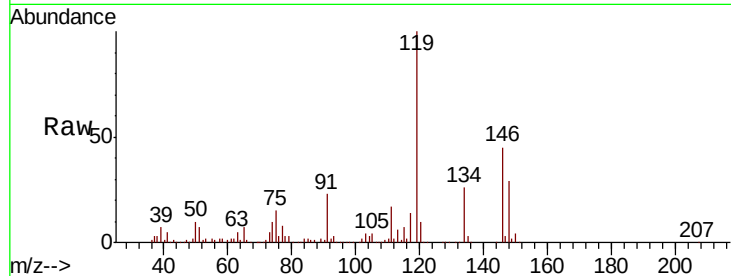




#87
 1,3-Dichlorobenzene
 Concen: 21.199 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

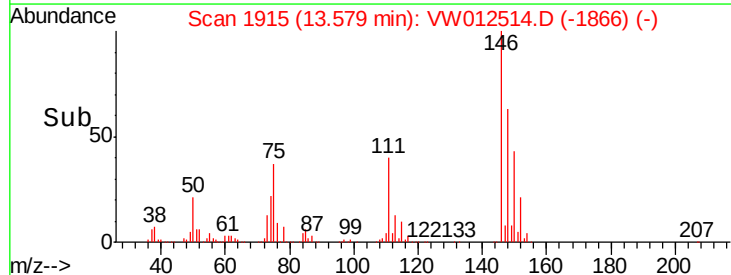
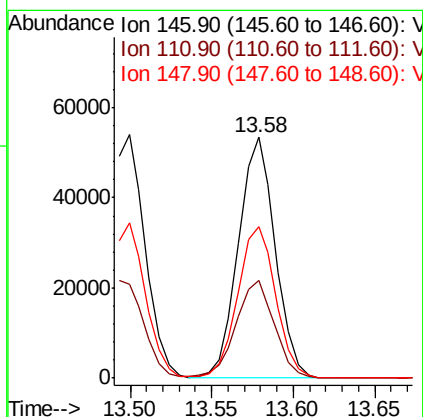
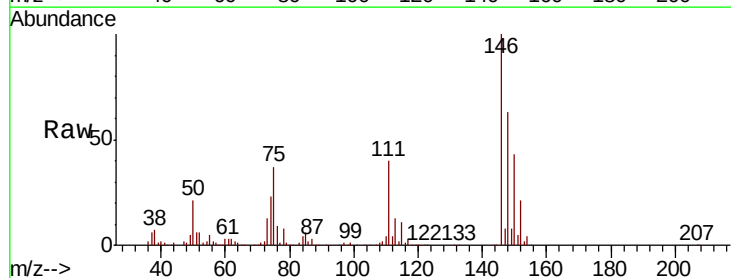
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

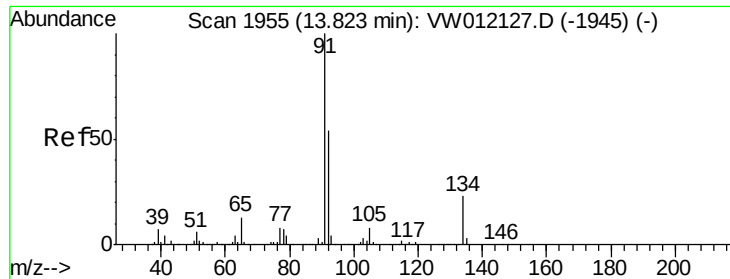
Tgt Ion:146 Resp: 85841
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.9 62.7
 148 63.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.896 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion:146 Resp: 84015
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.0 60.0
 148 64.9 32.1 96.3





#89

n-Butylbenzene

Concen: 19.891 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012514.D

Acq: 02 Sep 2019 22:55

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBS02

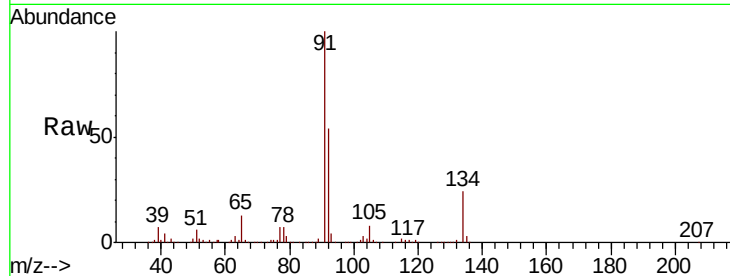
Tgt Ion: 91 Resp: 171421

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

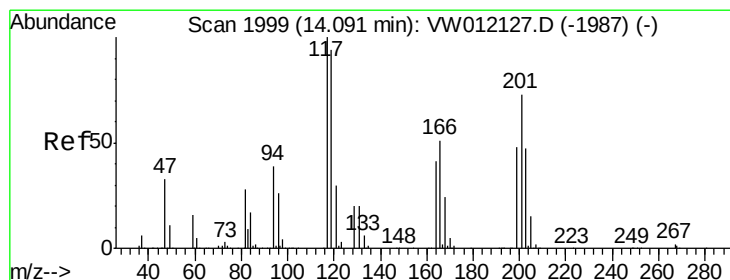
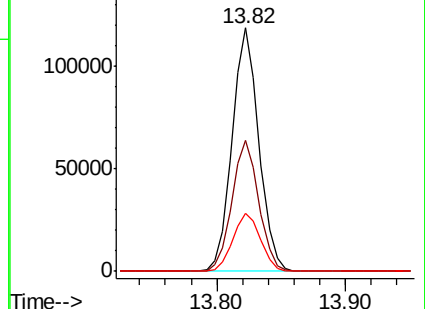
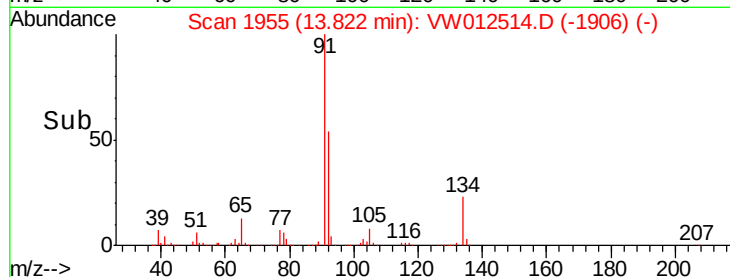
134 24.8 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.764 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012514.D

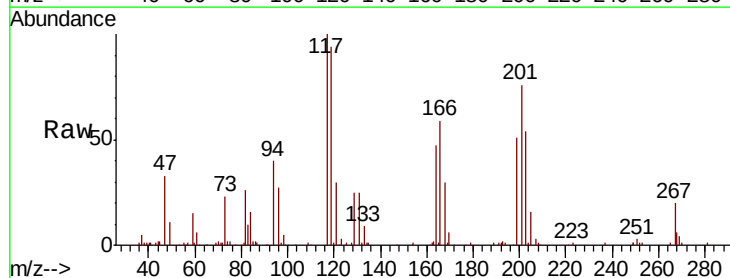
Acq: 02 Sep 2019 22:55

Tgt Ion: 117 Resp: 31570

Ion Ratio Lower Upper

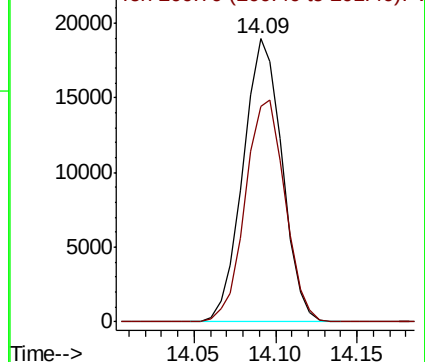
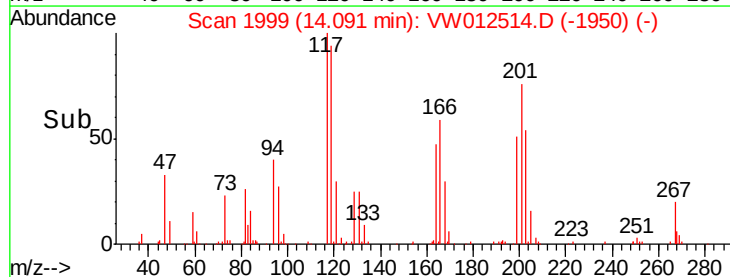
117 100

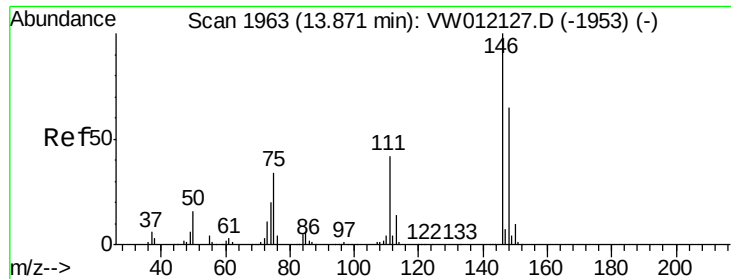
201 80.0 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

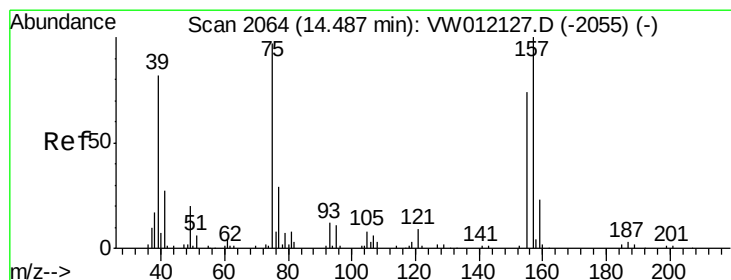
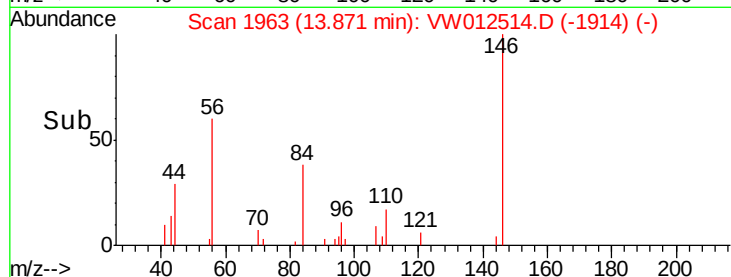
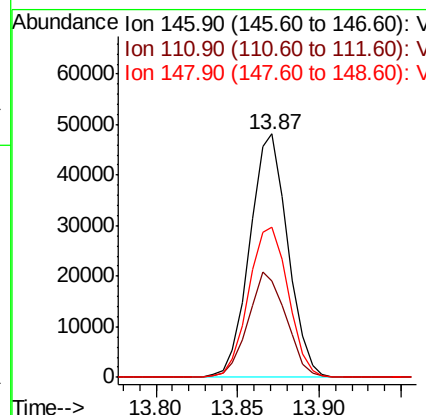
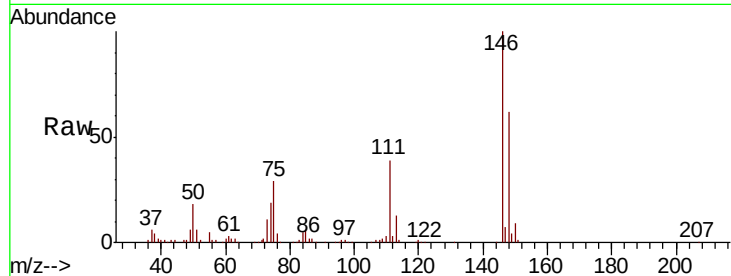




#91
 1,2-Dichlorobenzene
 Concen: 21.988 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

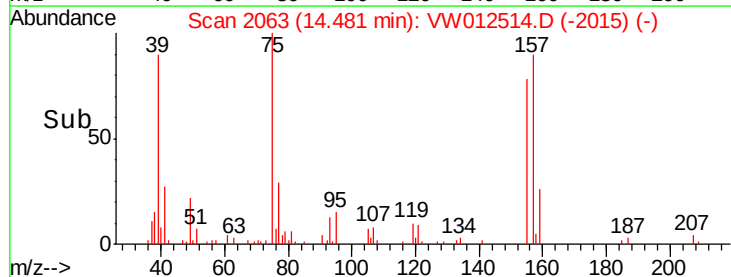
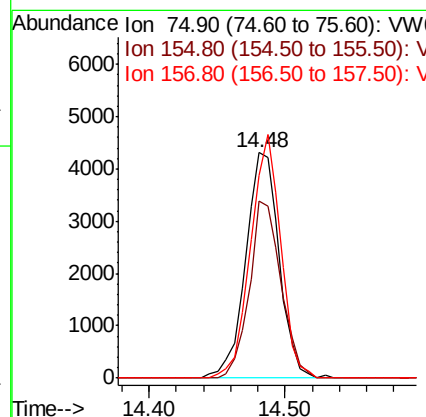
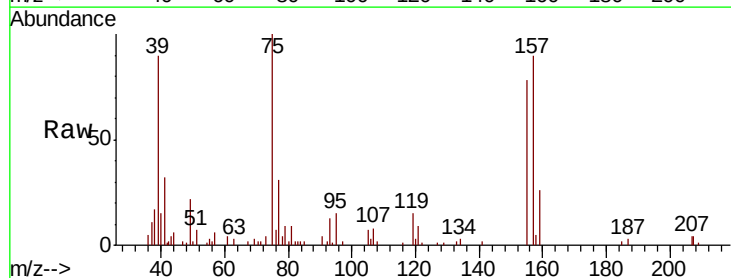
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

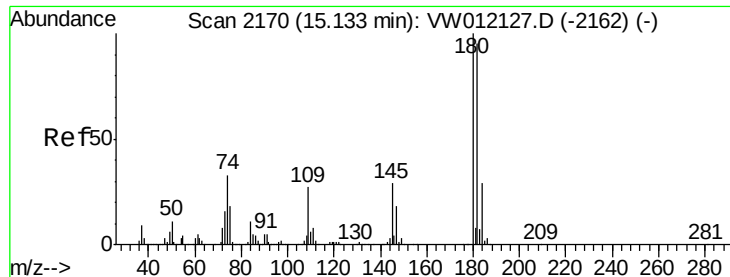
Tgt Ion:146 Resp: 78108
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.2 63.6
 148 64.4 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.092 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion: 75 Resp: 7421
 Ion Ratio Lower Upper
 75 100
 155 74.2 37.5 112.3
 157 97.4 50.5 151.5

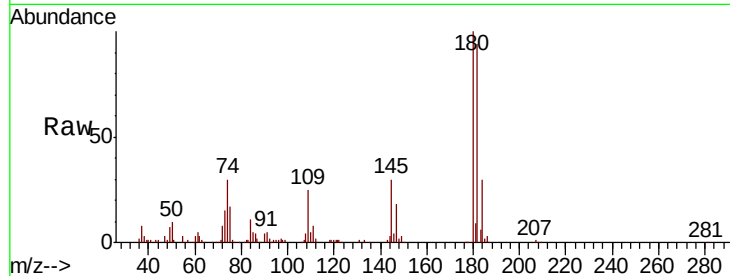




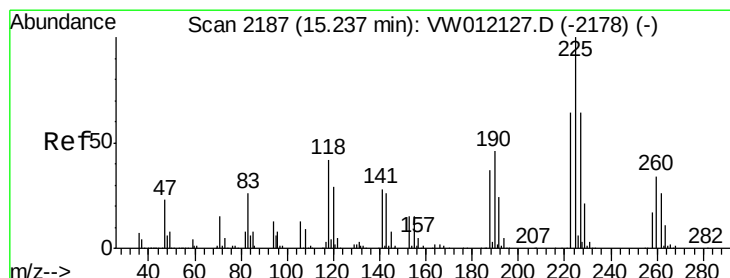
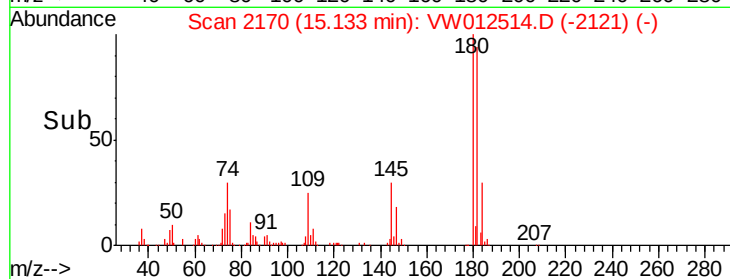
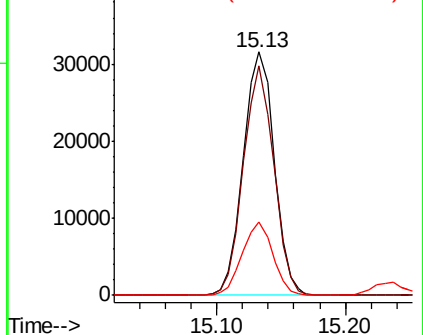
#93
 1,2,4-Trichlorobenzene
 Concen: 21.365 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBS02

Tgt Ion:180 Resp: 52446
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.8 143.4
 145 29.8 15.0 45.1

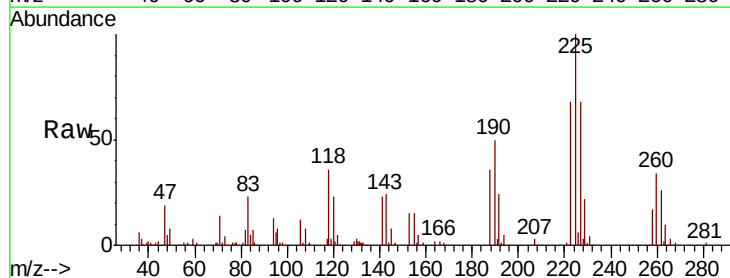


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

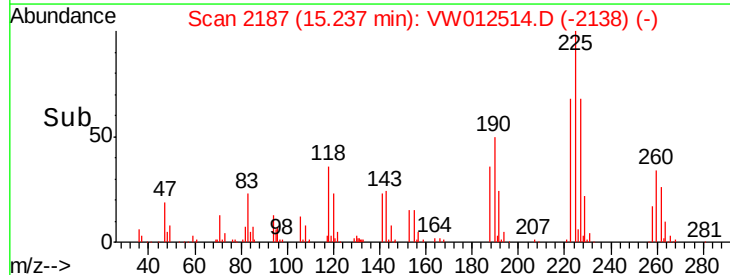
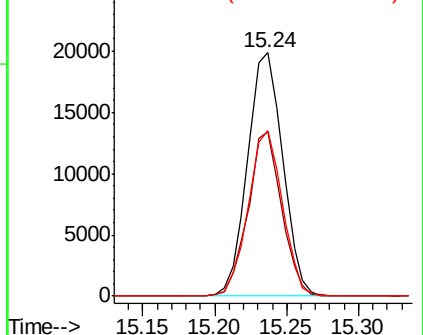


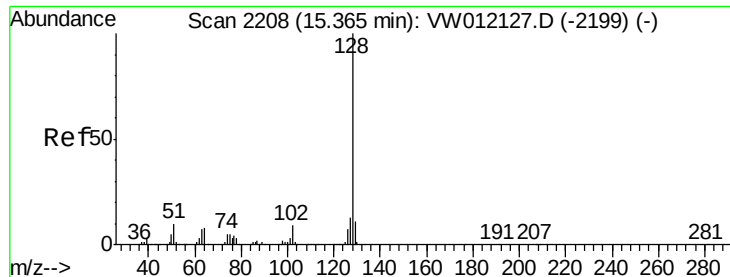
#94
 Hexachlorobutadiene
 Concen: 20.745 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012514.D
 Acq: 02 Sep 2019 22:55

Tgt Ion:225 Resp: 33625
 Ion Ratio Lower Upper
 225 100
 223 64.4 32.3 96.8
 227 65.9 32.9 98.6



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

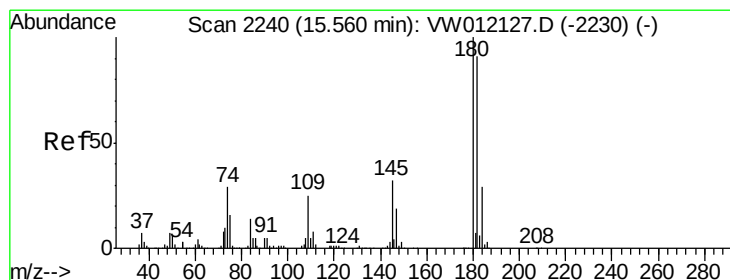
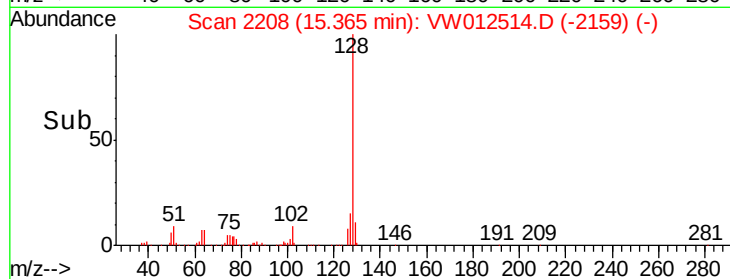
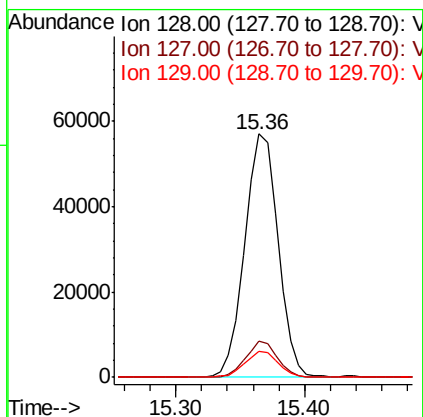
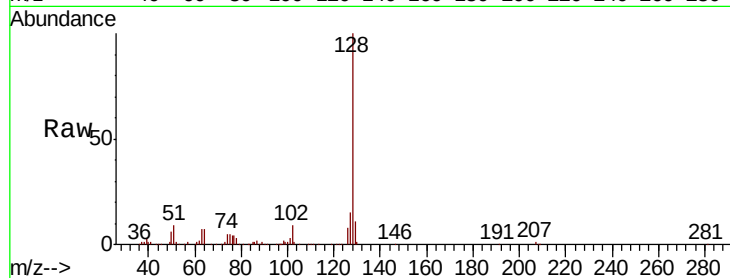




#95
Naphthalene
Concen: 23.636 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBS02

Tgt Ion:128 Resp: 101843
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.384 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012514.D
Acq: 02 Sep 2019 22:55

Tgt Ion:180 Resp: 47942
Ion Ratio Lower Upper
180 100
182 93.6 47.1 141.3
145 31.3 16.2 48.5

