

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011514.D
 Acq On : 26 Jul 2019 13:44
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 00:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	427675	155.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.92%	
35) Dibromofluoromethane	7.88	113	350350	159.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.76%	
50) Toluene-d8	10.32	98	1425319	158.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.72%	
62) 4-Bromofluorobenzene	12.62	95	507408	158.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	199183	149.657	ug/l	96
3) Chloromethane	2.21	50	325373	140.985	ug/l	100
4) Vinyl Chloride	2.36	62	391267	140.820	ug/l	98
5) Bromomethane	2.76	94	211760	137.691	ug/l	98
6) Chloroethane	2.91	64	234039	147.461	ug/l	98
7) Trichlorofluoromethane	3.25	101	192912	155.355	ug/l	99
8) Diethyl Ether	3.68	74	214470	152.332	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	335789	142.551	ug/l	99
10) Methyl Iodide	4.27	142	512699	154.017	ug/l	100
11) Tert butyl alcohol	5.17	59	142356	618.362	ug/l	99
12) 1,1-Dichloroethene	4.04	96	368598	148.203	ug/l	98
13) Acrolein	3.89	56	136226	692.338	ug/l	100
14) Allyl chloride	4.66	41	803161	151.831	ug/l	100
15) Acrylonitrile	5.36	53	535583	762.056	ug/l	98
16) Acetone	4.12	43	619939	710.701	ug/l	99
17) Carbon Disulfide	4.38	76	1175213	150.973	ug/l	100
18) Methyl Acetate	4.67	43	295134	150.610	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	586348	148.565	ug/l	97
20) Methylene Chloride	4.92	84	407247	135.372	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	401109	149.590	ug/l	98
22) Diisopropyl ether	6.31	45	1479937	148.390	ug/l	99
23) Vinyl Acetate	6.25	43	4914705	784.247	ug/l	100
24) 1,1-Dichloroethane	6.21	63	807888	151.251	ug/l	99
25) 2-Butanone	7.17	43	863625	756.623	ug/l	100
26) 2,2-Dichloropropane	7.17	77	434447	132.256	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	441329	149.547	ug/l	99
28) Bromochloromethane	7.51	49	348562	147.020	ug/l #	99
29) Tetrahydrofuran	7.52	42	501674	768.913	ug/l	99
30) Chloroform	7.67	83	724624	147.048	ug/l	99
31) Cyclohexane	7.95	56	696614	135.865	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	559250	149.020	ug/l	99
36) 1,1-Dichloropropene	8.08	75	593019	146.007	ug/l	99
37) Ethyl Acetate	7.25	43	348862	149.295	ug/l	99
38) Carbon Tetrachloride	8.07	117	519264	149.343	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011514.D
 Acq On : 26 Jul 2019 13:44
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 00:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	659116	147.378	ug/l	98
40) Benzene	8.32	78	1680332	147.699	ug/l	100
41) Methacrylonitrile	7.48	41	221941	158.889	ug/l	96
42) 1,2-Dichloroethane	8.40	62	527829	148.188	ug/l	100
43) Isopropyl Acetate	8.42	43	680902	158.444	ug/l	99
44) Trichloroethene	9.09	130	411772	150.591	ug/l	98
45) 1,2-Dichloropropane	9.37	63	460850	151.395	ug/l	99
46) Dibromomethane	9.46	93	208865	150.333	ug/l	100
47) Bromodichloromethane	9.65	83	563741	154.685	ug/l	99
48) Methyl methacrylate	9.43	41	334124	161.856	ug/l	99
49) 1,4-Dioxane	9.45	88	59002	2932.952	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1717499	768.351	ug/l	100
52) Toluene	10.39	92	1036052	150.800	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	611431	160.606	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	721445	159.381	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	298608	151.479	ug/l	99
56) Ethyl methacrylate	10.65	69	472558	163.820	ug/l	99
57) 1,3-Dichloropropane	10.93	76	566686	151.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1125049	858.992	ug/l	100
59) 2-Hexanone	10.97	43	1256809	796.320	ug/l	99
60) Dibromochloromethane	11.13	129	350428	160.147	ug/l	99
61) 1,2-Dibromoethane	11.23	107	285497	153.041	ug/l	99
64) Tetrachloroethene	10.86	164	334210	146.708	ug/l	98
65) Chlorobenzene	11.66	112	1048028	148.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	374731	152.943	ug/l	100
67) Ethyl Benzene	11.73	91	2016948	150.555	ug/l	99
68) m/p-Xylenes	11.84	106	1446361	296.873	ug/l	99
69) o-Xylene	12.16	106	681844	150.606	ug/l	100
70) Styrene	12.18	104	1190800	152.124	ug/l	100
71) Bromoform	12.35	173	198465	158.869	ug/l #	98
73) Isopropylbenzene	12.46	105	1859111	151.604	ug/l	100
74) N-amyl acetate	12.27	43	623938	162.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	351609	152.432	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	478876	274.417	ug/l #	100
77) Bromobenzene	12.75	156	411741	151.906	ug/l	99
78) n-propylbenzene	12.80	91	2265647	151.811	ug/l	100
79) 2-Chlorotoluene	12.89	91	1300423	151.250	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1554345	151.209	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	128361	170.084	ug/l	97
82) 4-Chlorotoluene	12.99	91	1343367	148.918	ug/l	100
83) tert-Butylbenzene	13.21	119	1302775	151.554	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1564443	151.080	ug/l	100
85) sec-Butylbenzene	13.38	105	1833801	149.508	ug/l	100
86) p-Isopropyltoluene	13.50	119	1672052	150.246	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	785734	147.842	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	779339	147.411	ug/l	100
89) n-Butylbenzene	13.82	91	1683566	151.593	ug/l	100
90) Hexachloroethane	14.10	117	310140	157.601	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	696287	148.128	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	63151	160.548	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
Data File : VW011514.D
Acq On : 26 Jul 2019 13:44
Operator : SY/VA
Sample : VSTDICC150
Misc : 5.00G/5.0ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Jul 27 00:14:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:06:40 2019
Response via : Initial Calibration

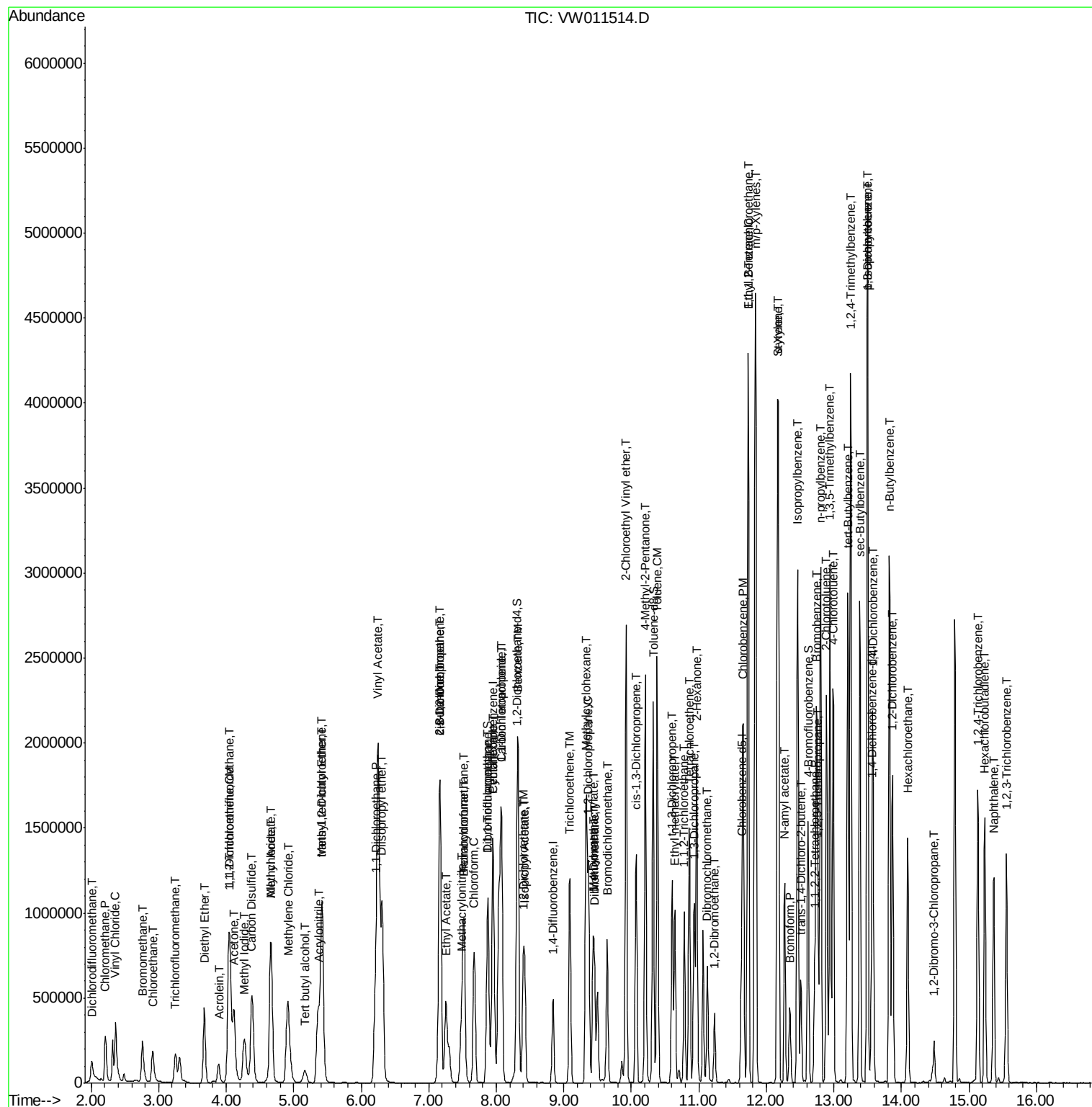
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	528524	159.538	ug/l	99
94) Hexachlorobutadiene	15.24	225	307019	148.609	ug/l	98
95) Naphthalene	15.37	128	1006603	171.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	465240	160.212	ug/l	100

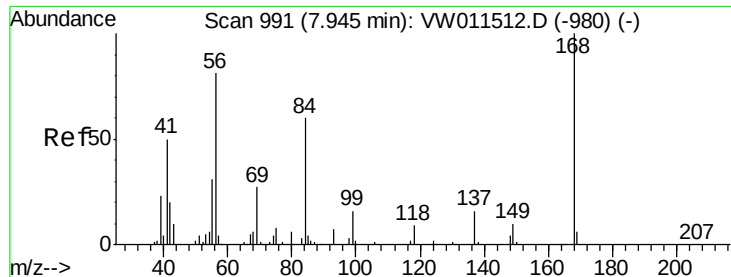
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011514.D
 Acq On : 26 Jul 2019 13:44
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 00:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:06:40 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

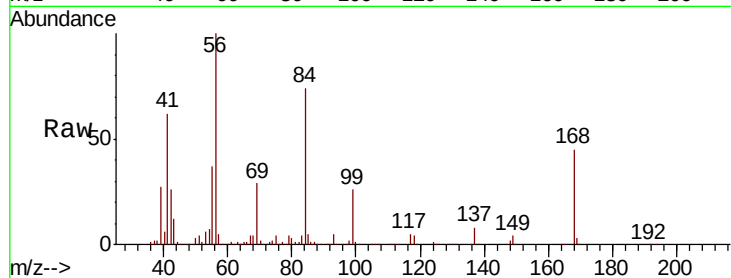
VSTDIC150

Tot Ion:168 Resp: 238811

Ion Ratio Lower Upper

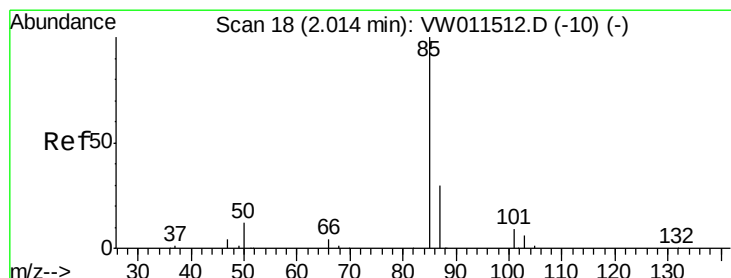
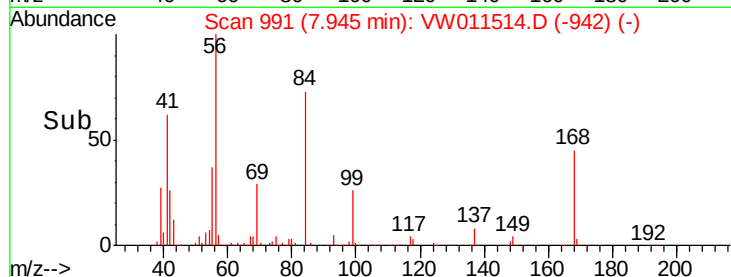
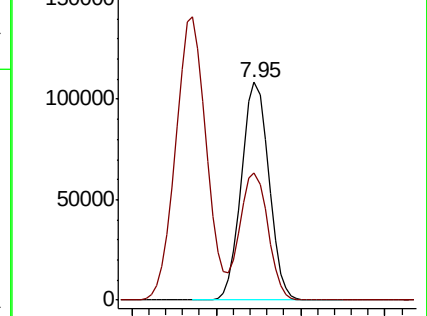
168 100

99 58.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 149.657 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011514.D

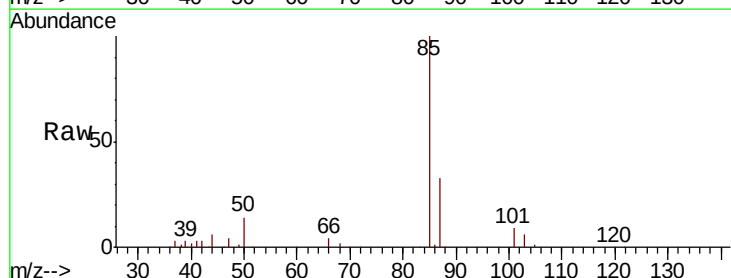
Acq: 26 Jul 2019 13:44

Tgt Ion: 85 Resp: 199183

Ion Ratio Lower Upper

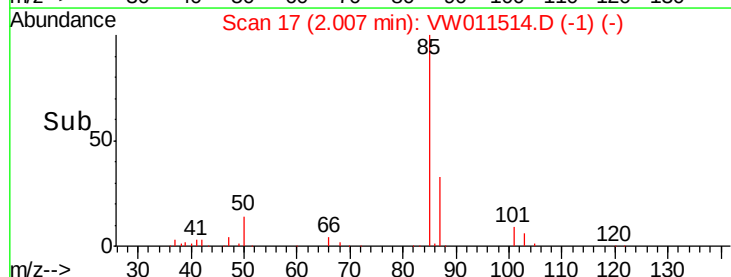
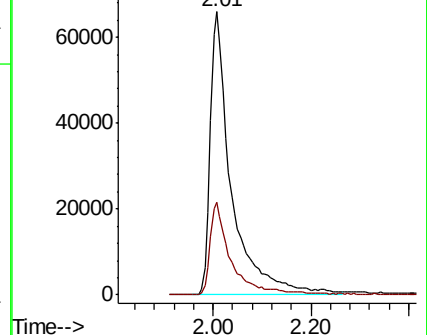
85 100

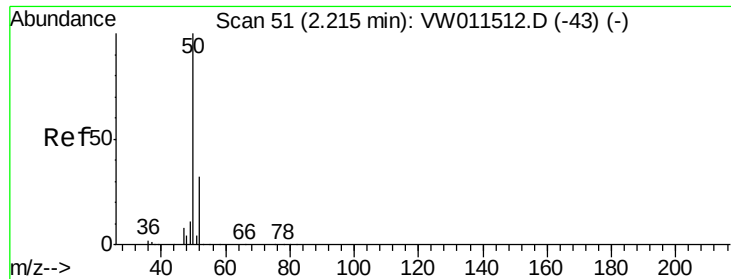
87 32.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 140.985 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

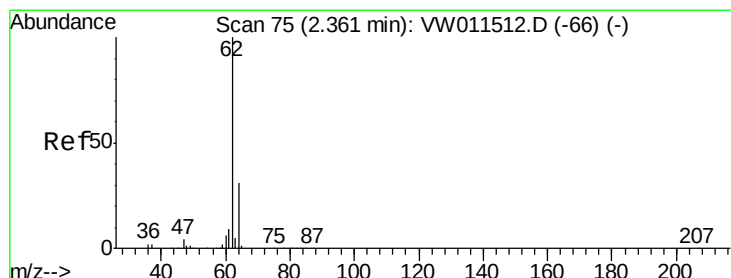
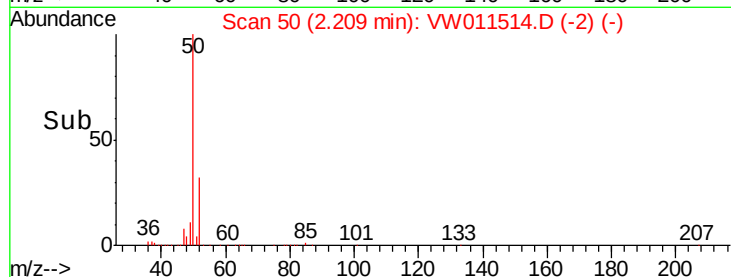
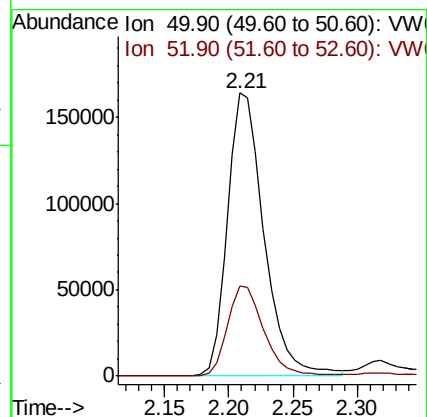
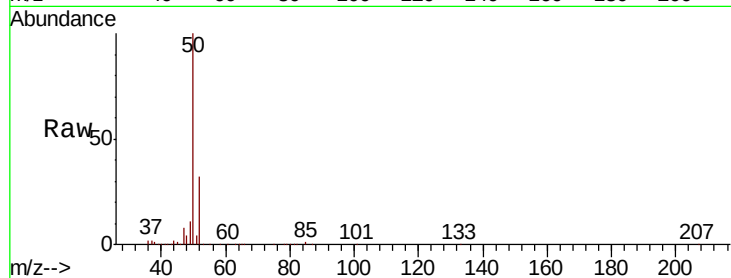
VSTDIC150

Tot Ion: 50 Resp: 325373

Ion Ratio Lower Upper

50 100

52 32.0 25.4 38.2



#4

Vinyl Chloride

Concen: 140.820 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011514.D

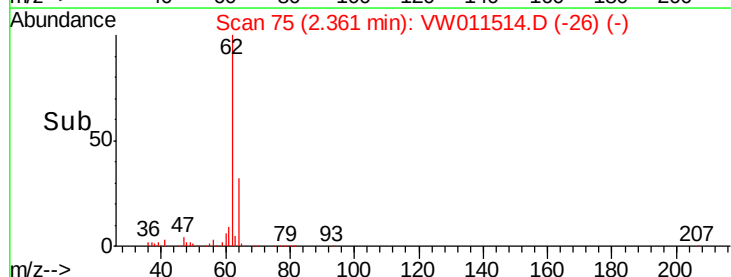
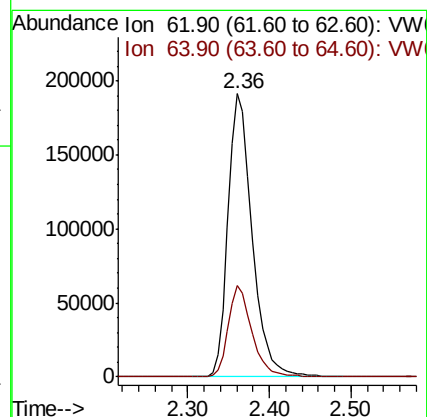
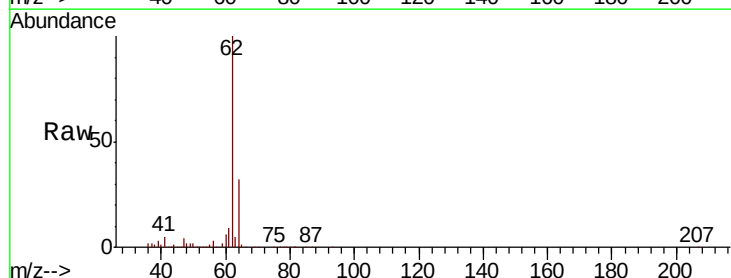
Acq: 26 Jul 2019 13:44

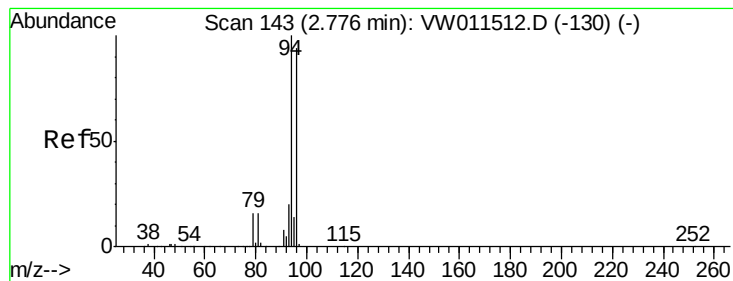
Tgt Ion: 62 Resp: 391267

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 137.691 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.02 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

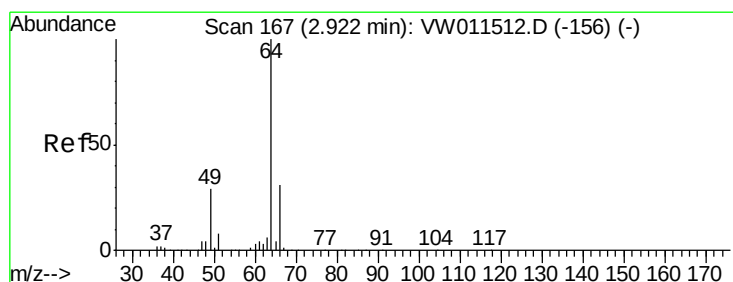
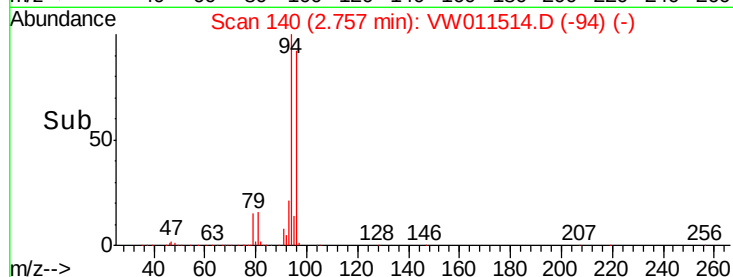
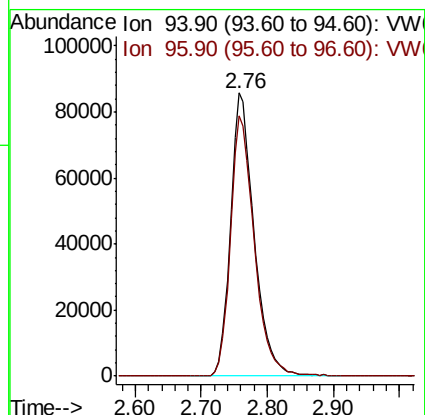
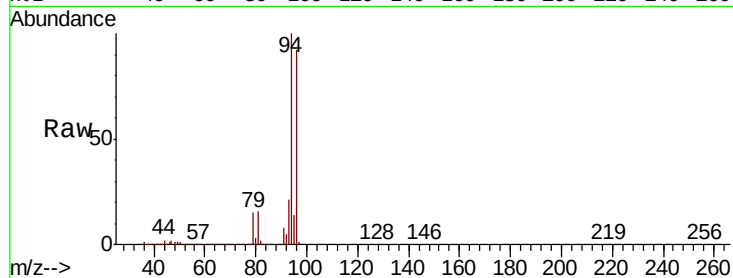
VSTDIC150

Tot Ion: 94 Resp: 211760

Ion Ratio Lower Upper

94 100

96 91.7 75.0 112.6



#6

Chloroethane

Concen: 147.461 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011514.D

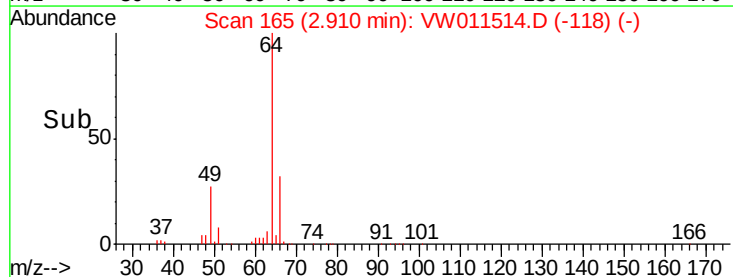
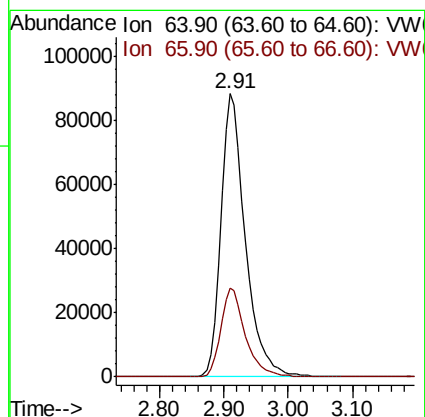
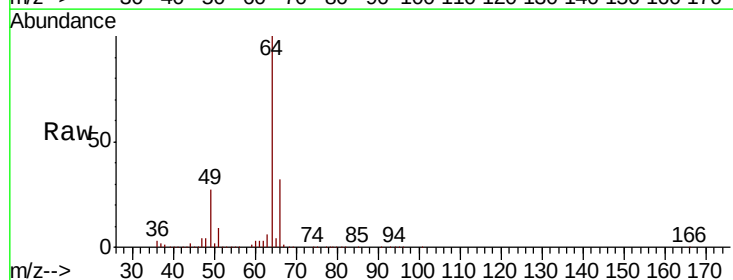
Acq: 26 Jul 2019 13:44

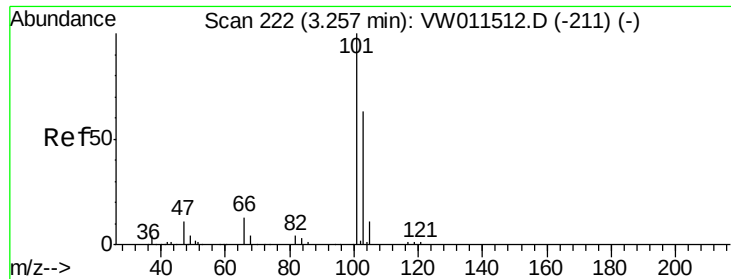
Tgt Ion: 64 Resp: 234039

Ion Ratio Lower Upper

64 100

66 31.6 24.6 36.8



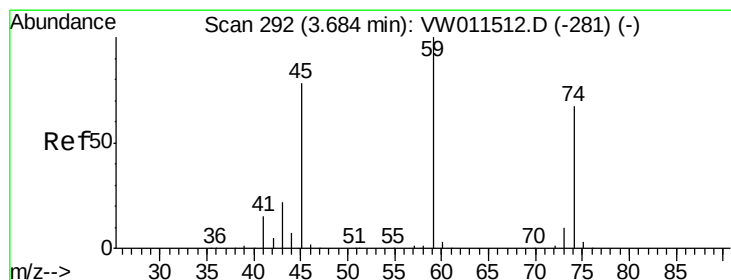
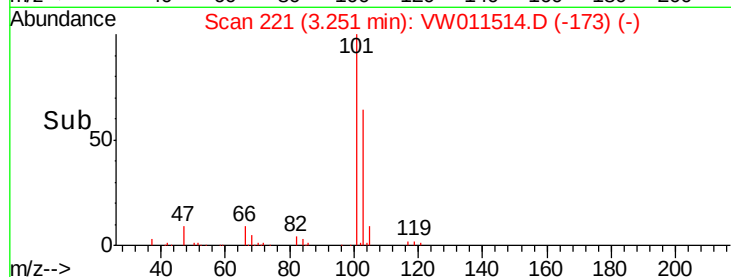
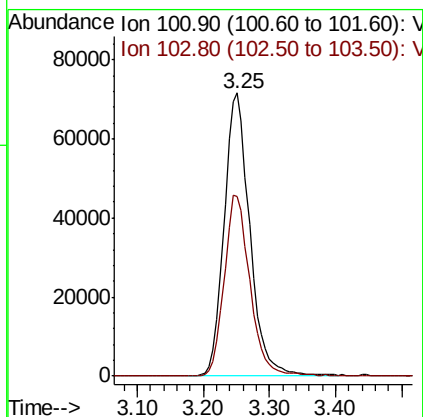
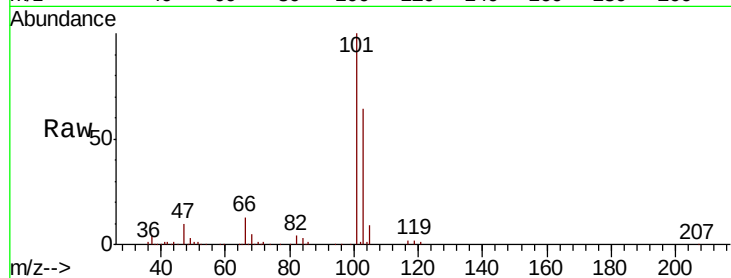


#7

Trichlorofluoromethane
Concen: 155.355 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

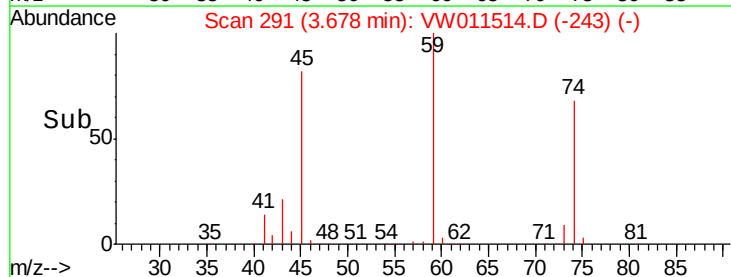
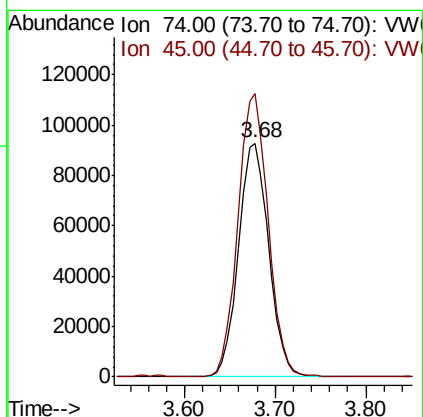
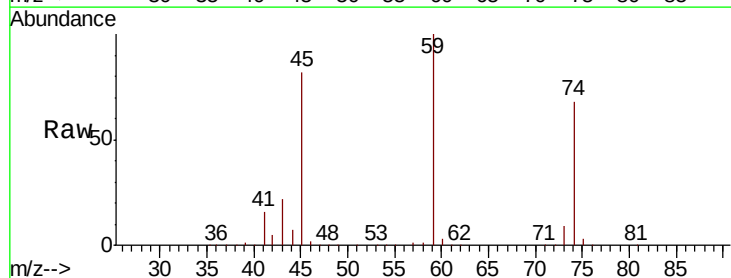
Tot Ion:101 Resp: 192912
Ion Ratio Lower Upper
101 100
103 63.7 50.2 75.4

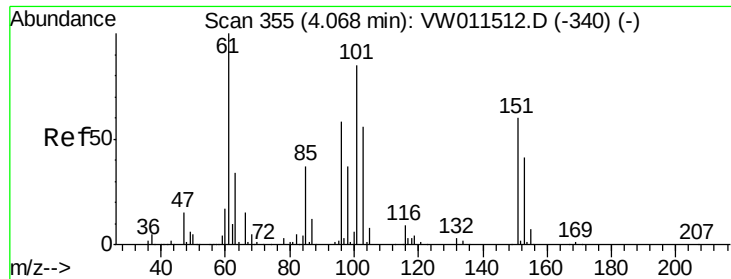


#8

Diethyl Ether
Concen: 152.332 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 74 Resp: 214470
Ion Ratio Lower Upper
74 100
45 120.6 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.551 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

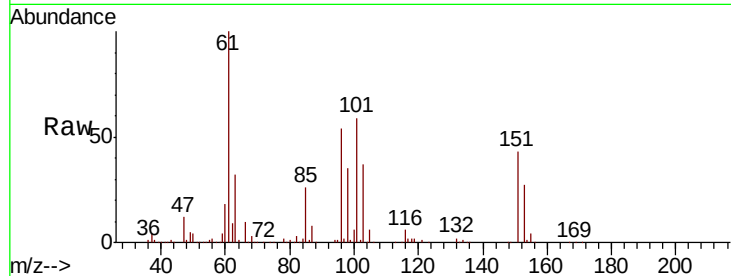
Tot Ion:101 Resp: 335789

Ion Ratio Lower Upper

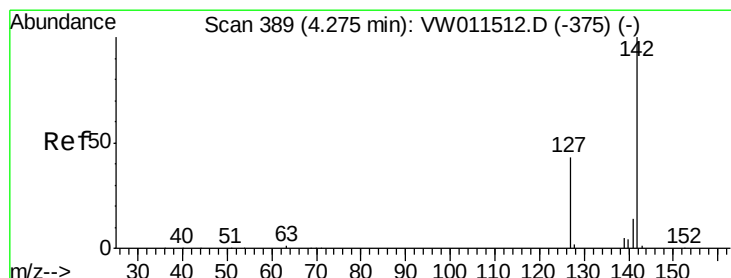
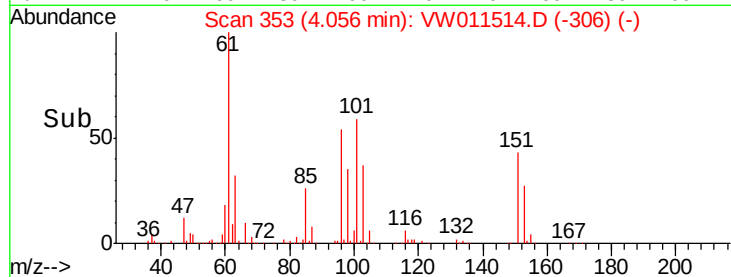
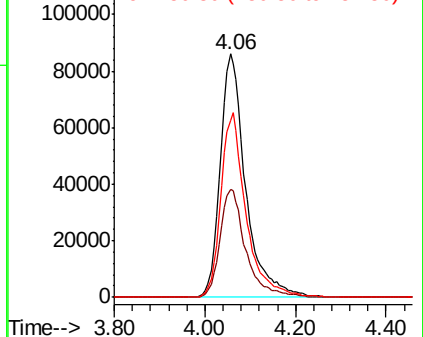
101 100

85 44.9 36.6 54.8

151 74.8 60.2 90.2



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: 154.017 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

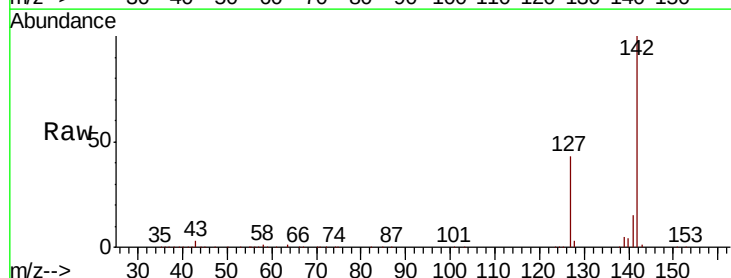
Tgt Ion:142 Resp: 512699

Ion Ratio Lower Upper

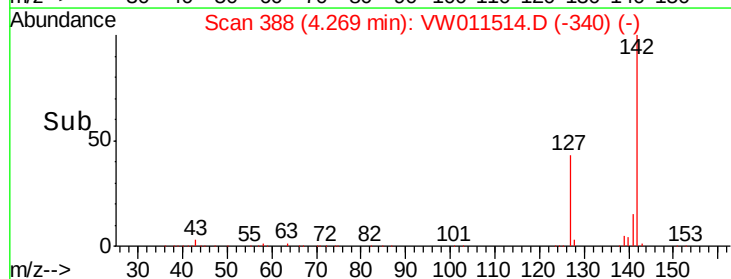
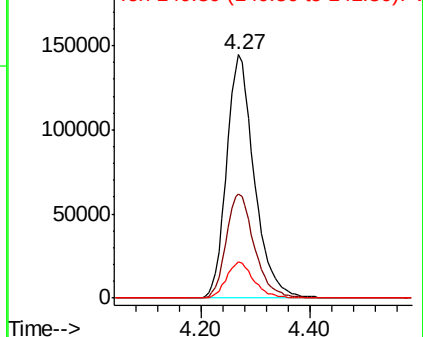
142 100

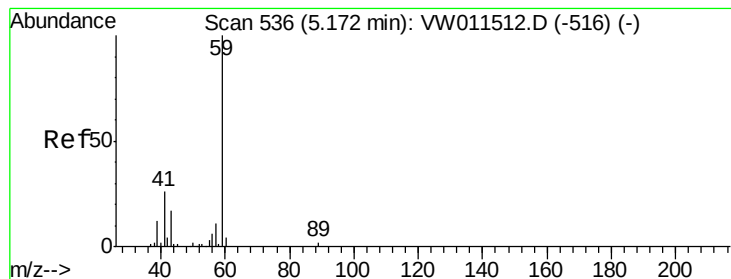
127 43.7 35.0 52.6

141 14.8 11.9 17.9



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



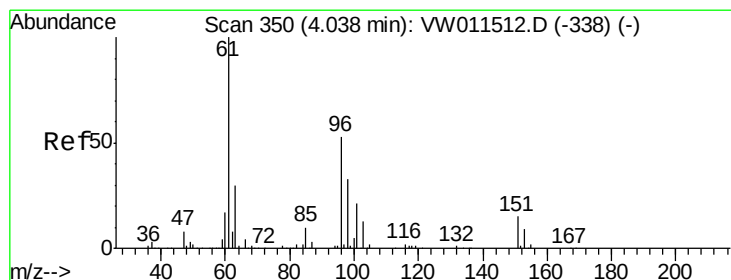
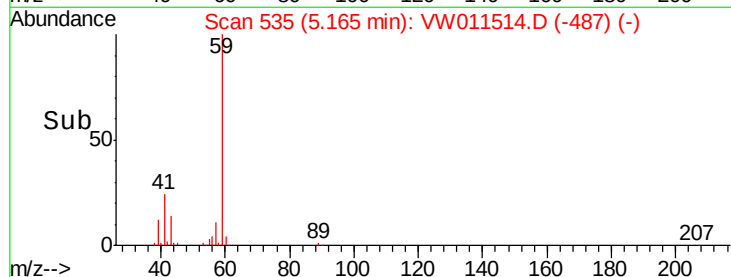
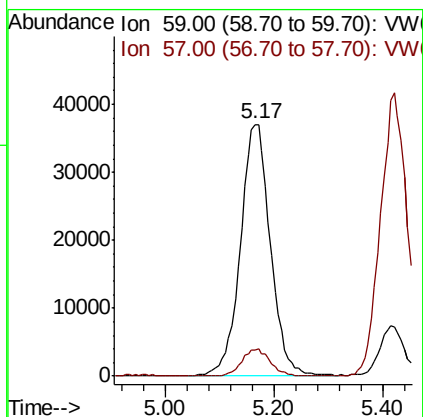
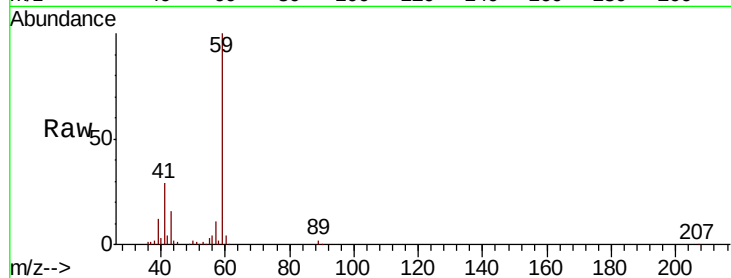


#11

Tert butyl alcohol
Concen: 618.362 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

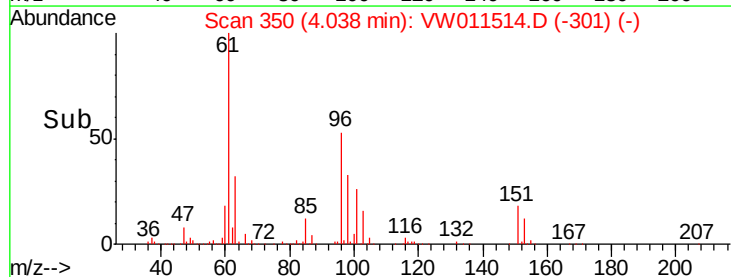
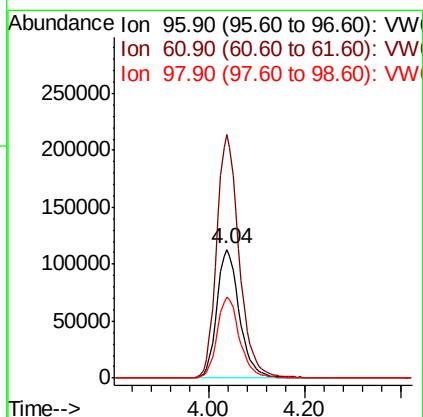
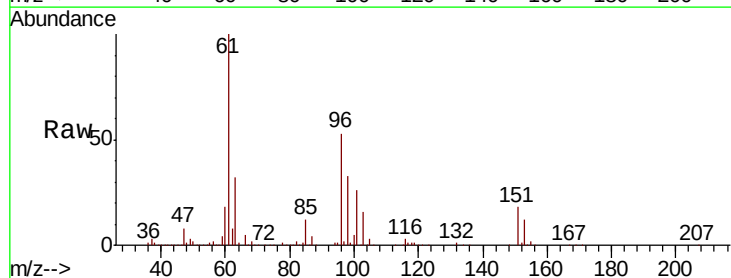
Tot Ion: 59 Resp: 142356
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

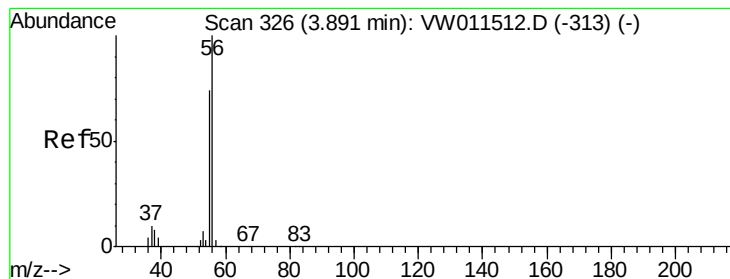


#12

1,1-Dichloroethene
Concen: 148.203 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 96 Resp: 368598
Ion Ratio Lower Upper
96 100
61 189.4 149.9 224.9
98 63.4 49.1 73.7





#13

Acrolein

Concen: 692.338 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

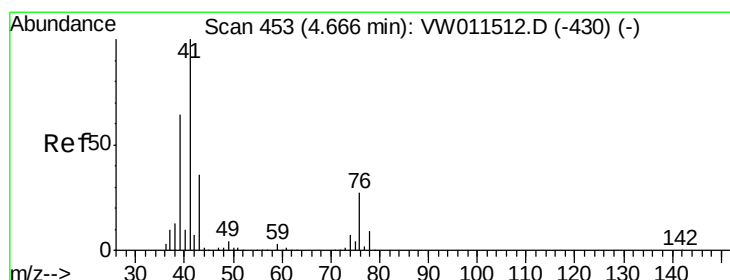
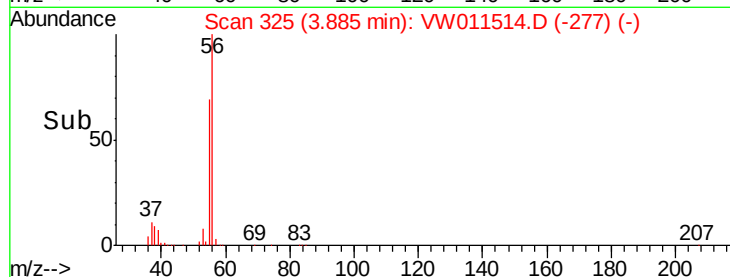
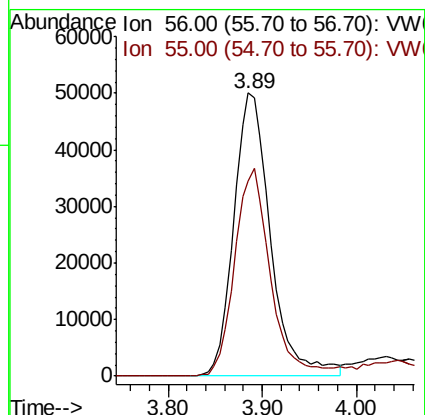
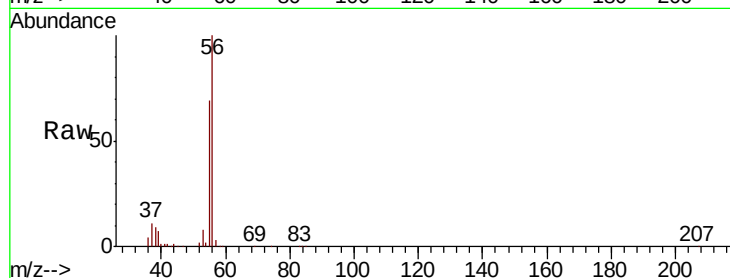
VSTDIC150

Tot Ion: 56 Resp: 136226

Ion Ratio Lower Upper

56 100

55 70.2 56.0 84.0



#14

Allyl chloride

Concen: 151.831 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

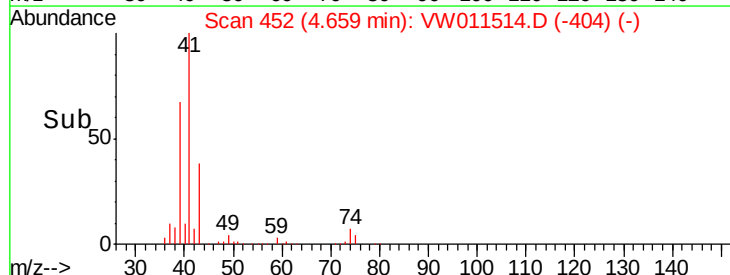
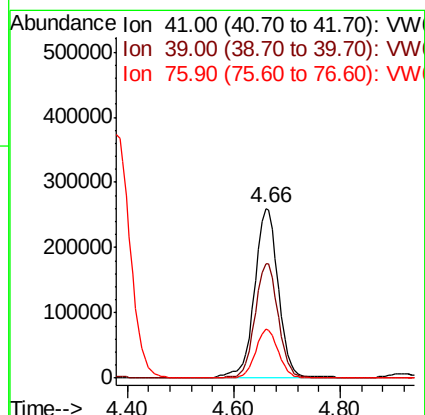
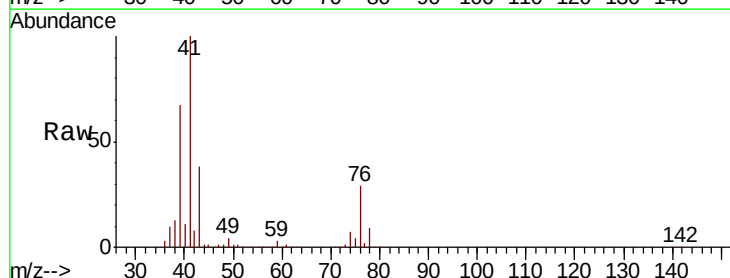
Tgt Ion: 41 Resp: 803161

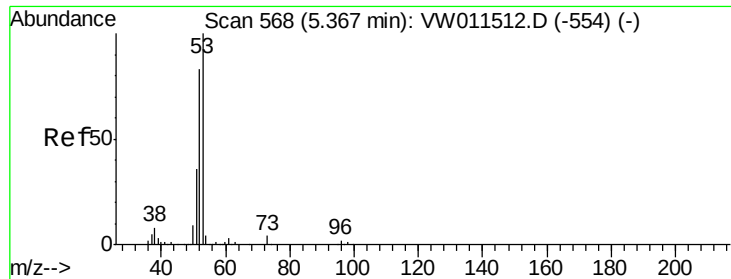
Ion Ratio Lower Upper

41 100

39 65.9 52.6 78.8

76 27.7 22.0 33.0





#15

Acrylonitrile

Concen: 762.056 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

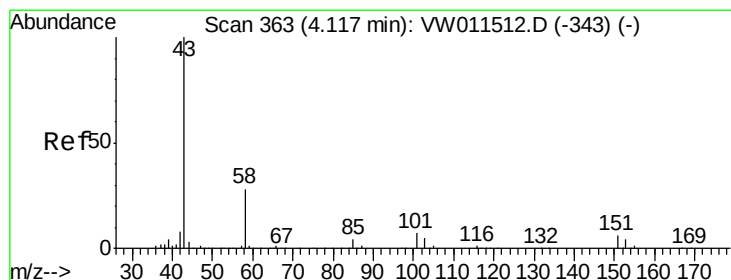
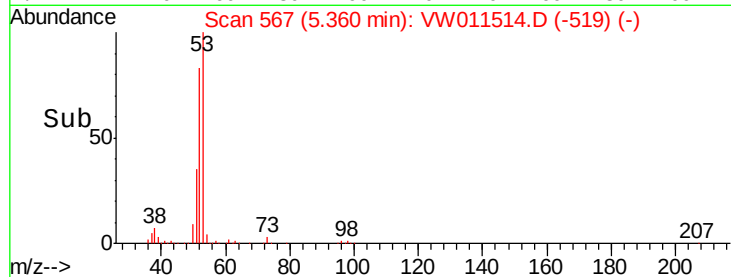
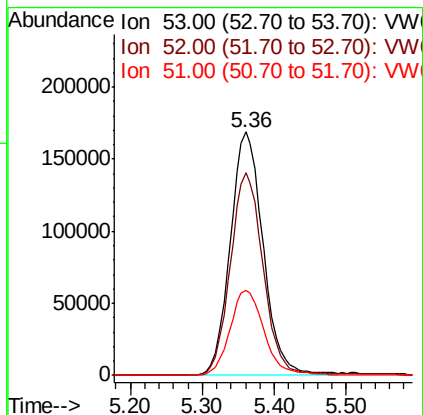
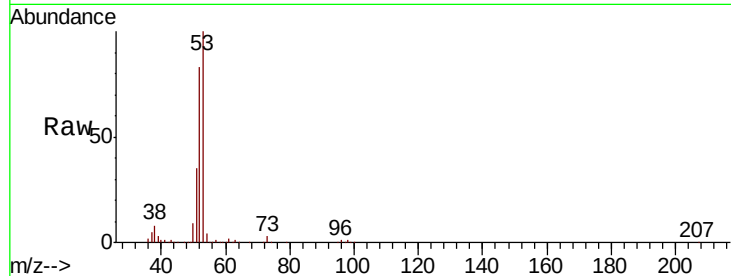
Tot Ion: 53 Resp: 535583

Ion Ratio Lower Upper

53 100

52 82.7 67.2 100.8

51 36.3 30.0 45.0



#16

Acetone

Concen: 710.701 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011514.D

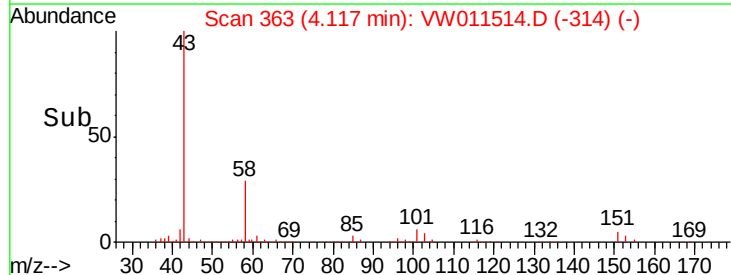
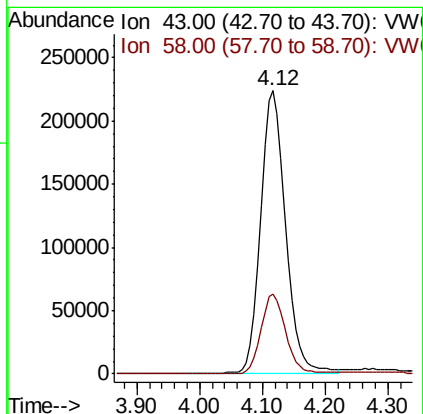
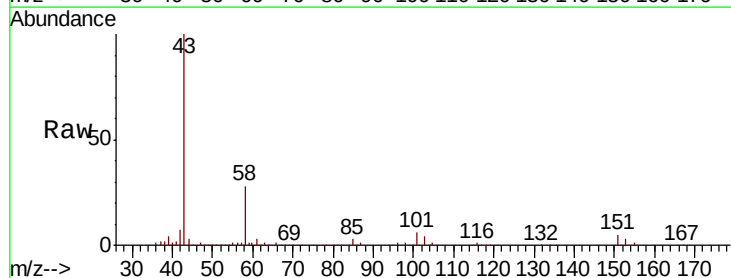
Acq: 26 Jul 2019 13:44

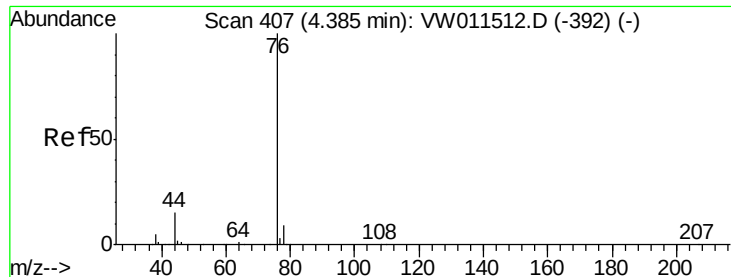
Tgt Ion: 43 Resp: 619939

Ion Ratio Lower Upper

43 100

58 28.4 22.3 33.5





#17

Carbon Disulfide

Concen: 150.973 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

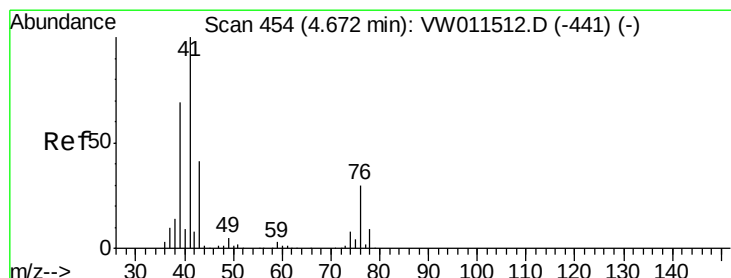
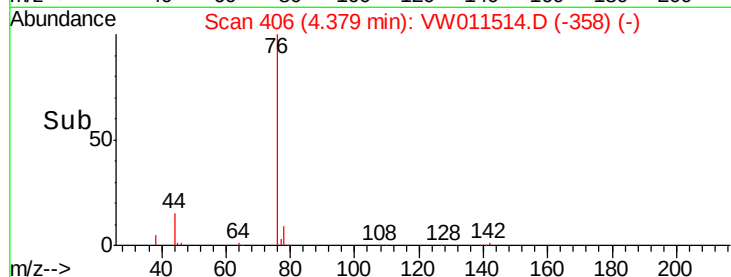
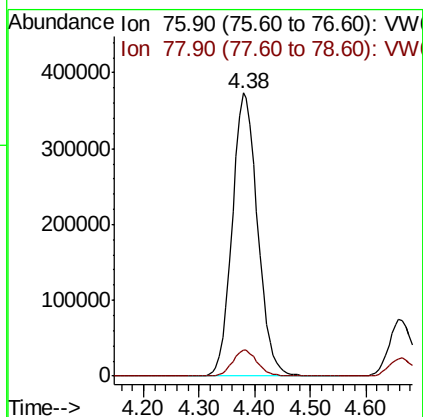
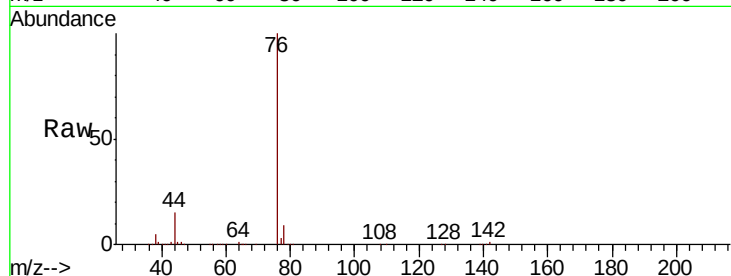
VSTDIC150

Tot Ion: 76 Resp: 1175213

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



#18

Methyl Acetate

Concen: 150.610 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011514.D

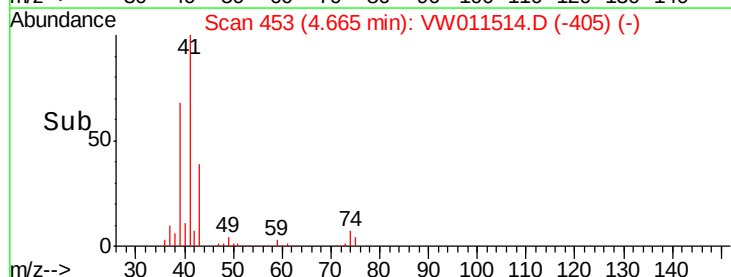
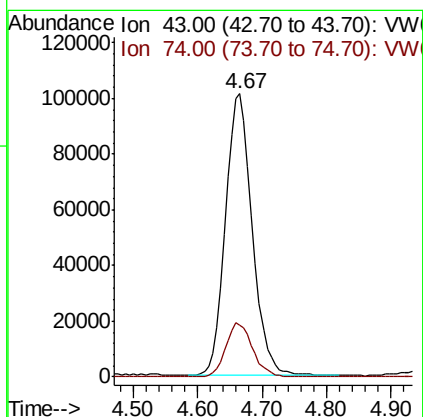
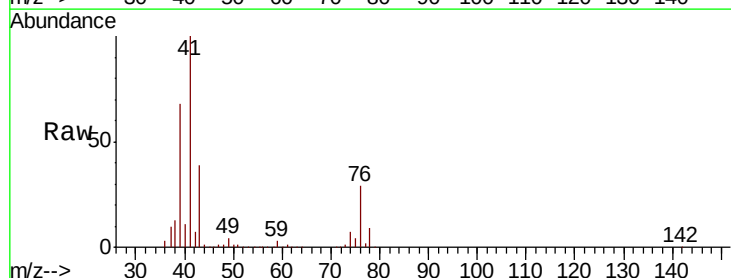
Acq: 26 Jul 2019 13:44

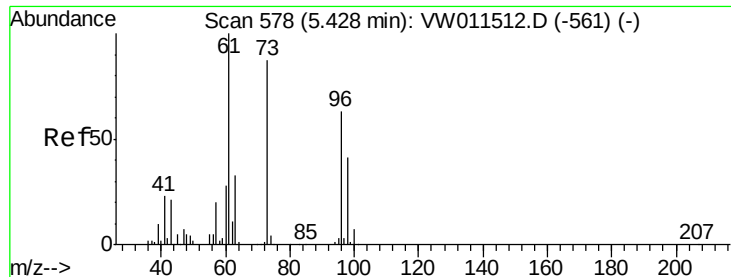
Tgt Ion: 43 Resp: 295134

Ion Ratio Lower Upper

43 100

74 19.4 15.9 23.9



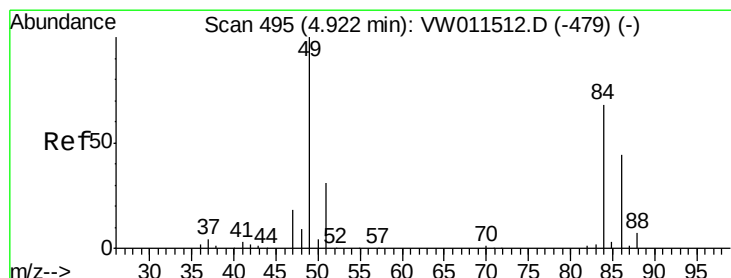
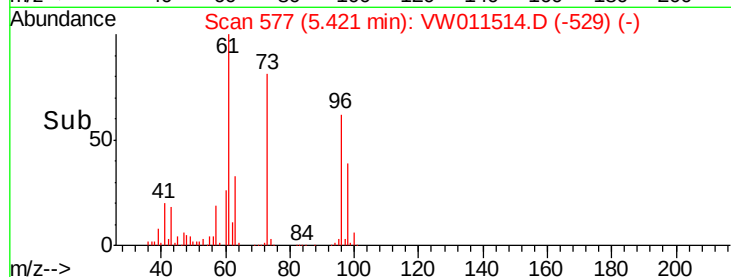
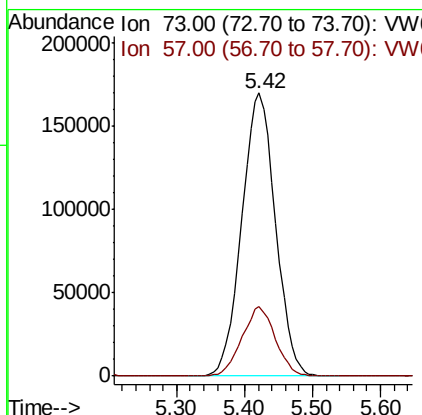
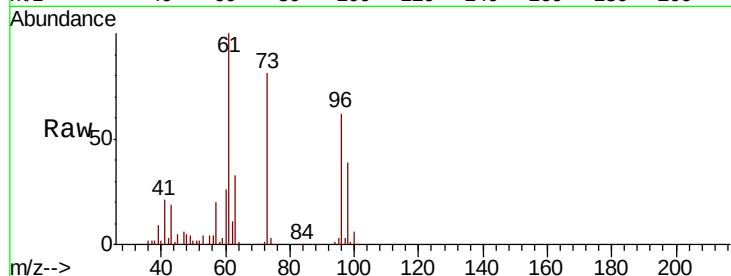


#19

Methyl tert-butyl Ether
 Concen: 148.565 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

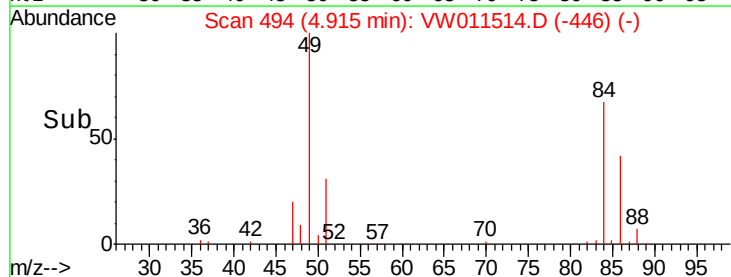
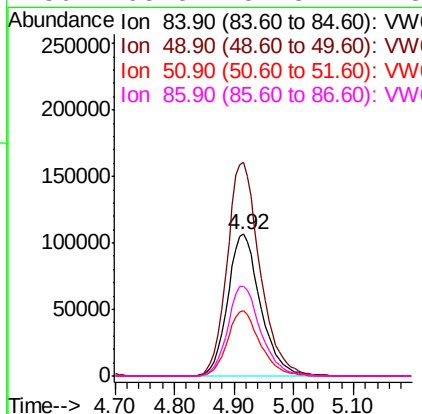
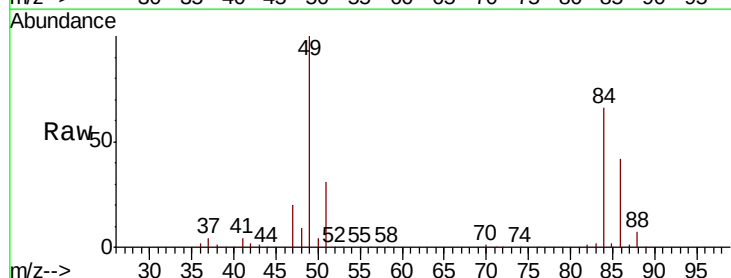
Tot Ion: 73 Resp: 586348
 Ion Ratio Lower Upper
 73 100
 57 24.5 18.4 27.6

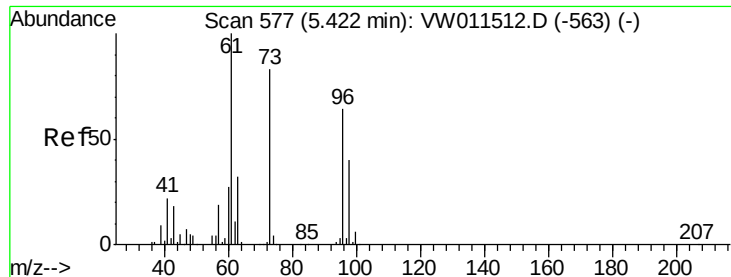


#20

Methylene Chloride
 Concen: 135.372 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion: 84 Resp: 407247
 Ion Ratio Lower Upper
 84 100
 49 150.9 117.8 176.6
 51 46.2 37.0 55.4
 86 63.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 149.590 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

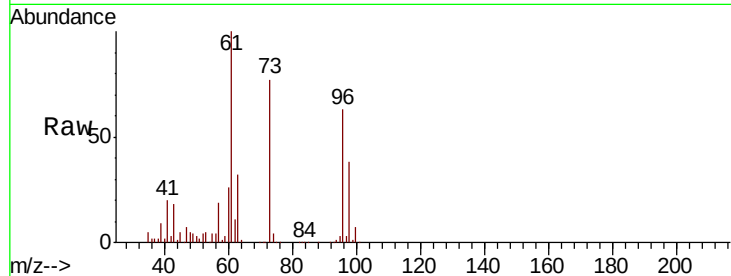
Tot Ion: 96 Resp: 401109

Ion Ratio Lower Upper

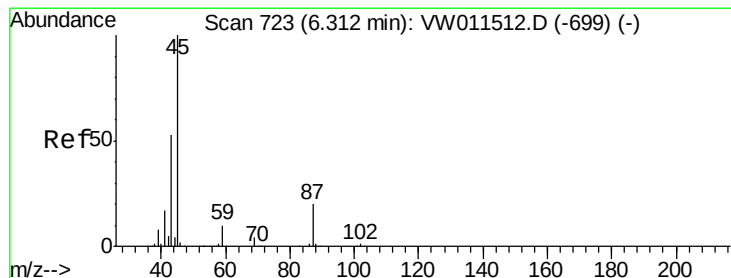
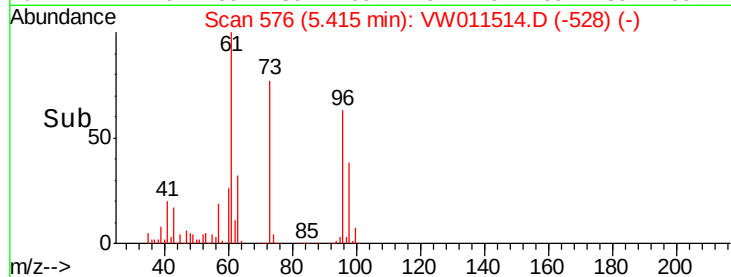
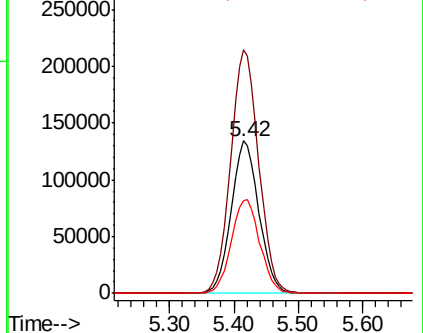
96 100

61 159.7 125.7 188.5

98 61.1 50.3 75.5



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: 148.390 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Tgt Ion: 45 Resp: 1479937

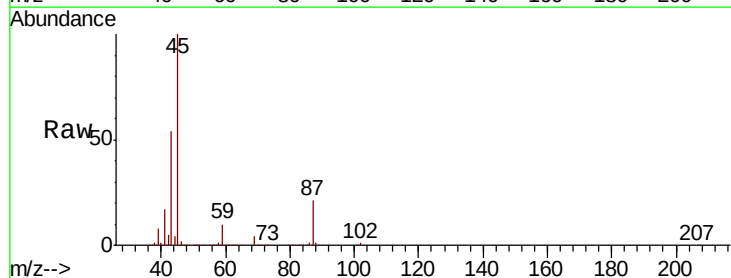
Ion Ratio Lower Upper

45 100

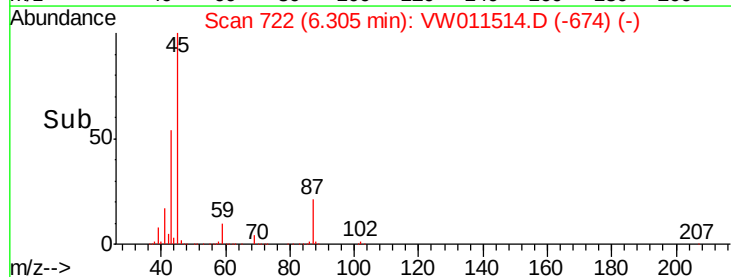
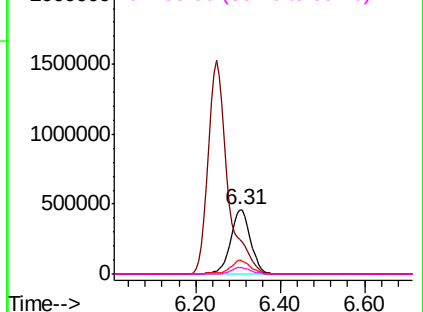
43 53.6 42.6 63.8

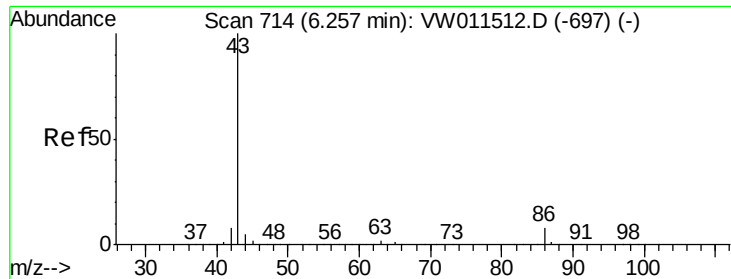
87 21.1 16.4 24.6

59 10.3 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: 784.247 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

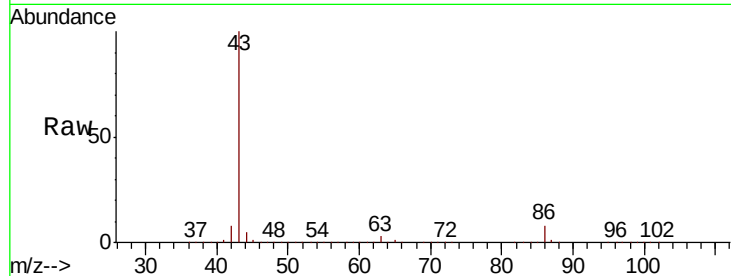
MSVOA_W

ClientSampleId :

VSTDIC150

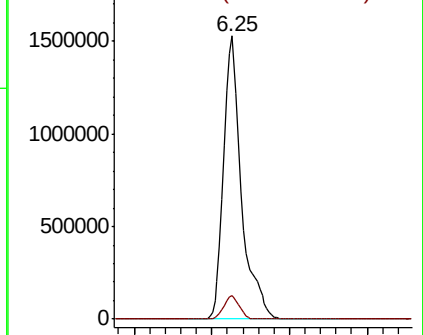
Tot Ion: 43 Resp: 4914705

Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.5	9.7

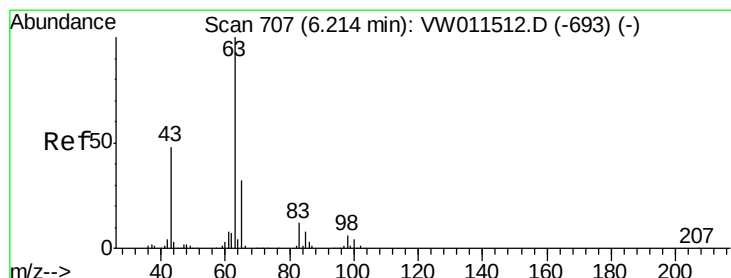
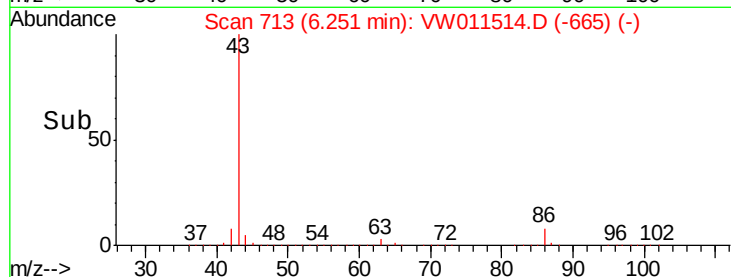


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 151.251 ug/l

RT: 6.21 min Scan# 707

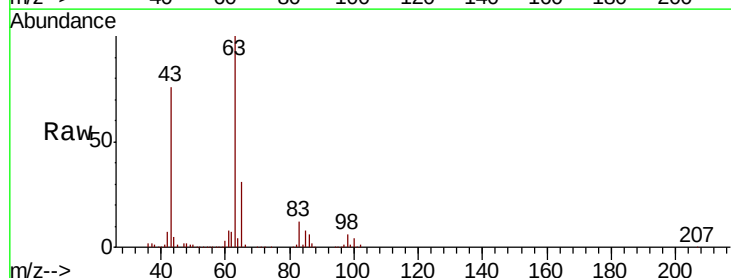
Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Tgt Ion: 63 Resp: 807888

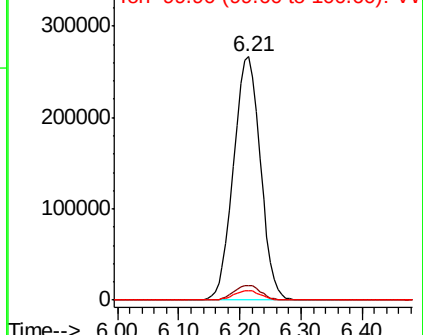
Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.8
100	3.8	2.1	6.3



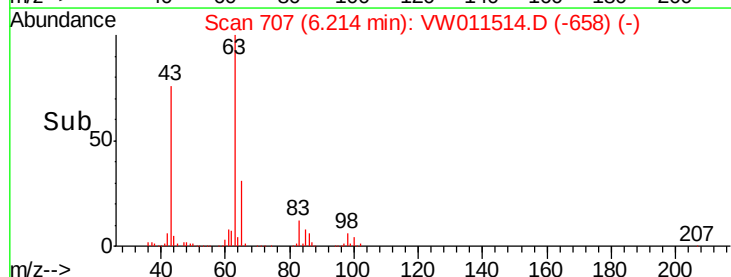
Abundance Ion 62.90 (62.60 to 63.60): VW

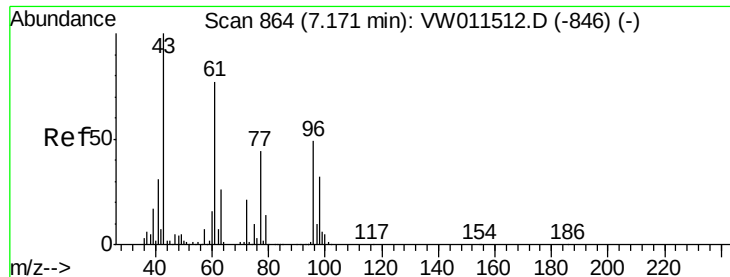
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 756.623 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

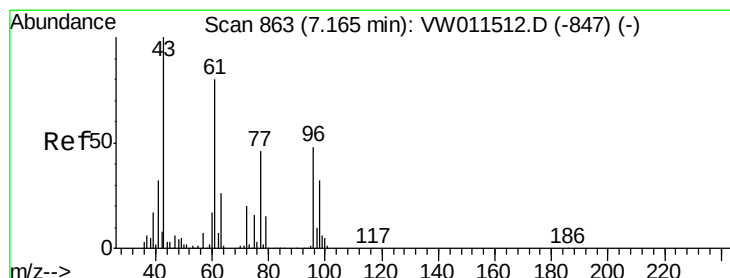
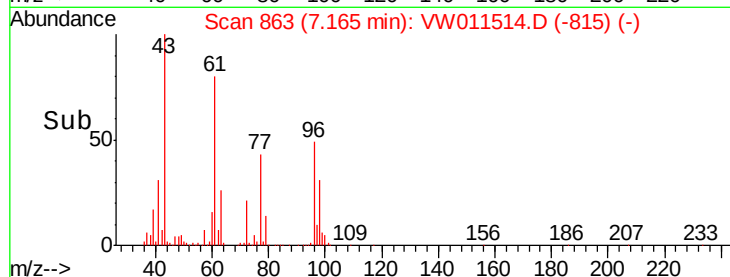
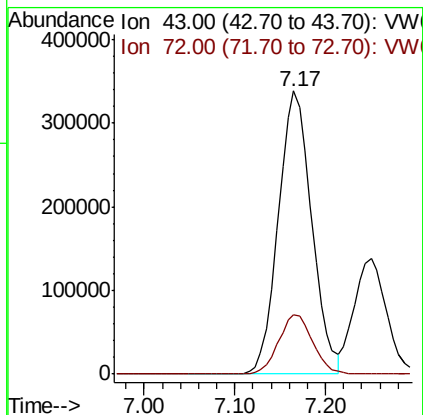
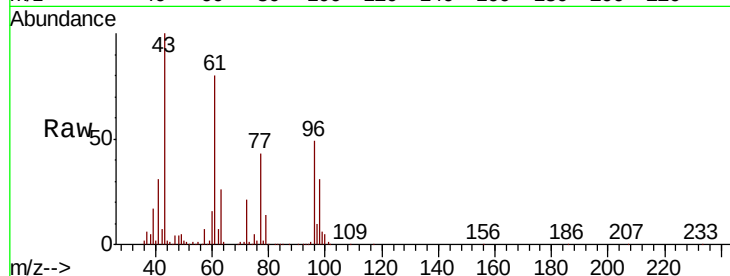
VSTDIC150

Tot Ion: 43 Resp: 863625

Ion Ratio Lower Upper

43 100

72 20.8 16.6 24.8



#26

2,2-Dichloropropane

Concen: 132.256 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011514.D

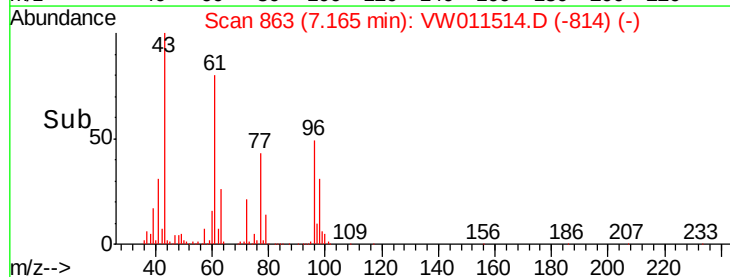
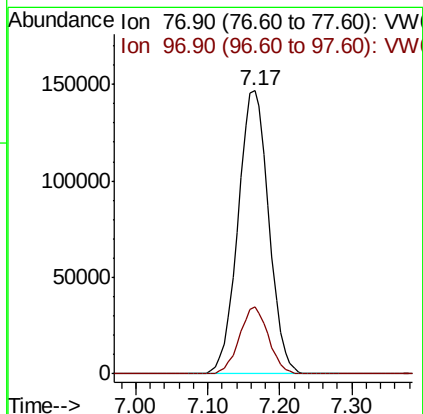
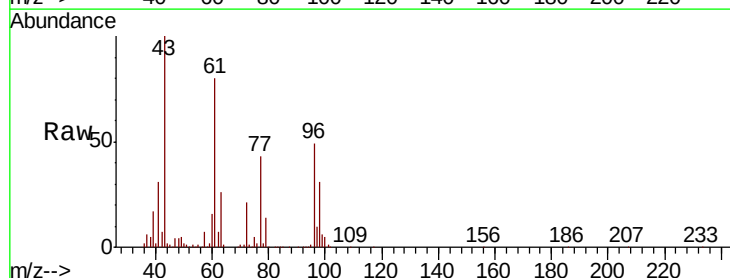
Acq: 26 Jul 2019 13:44

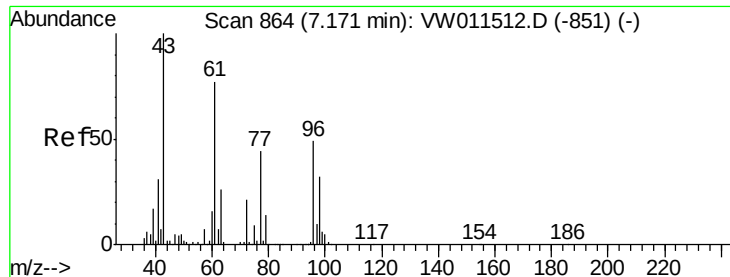
Tgt Ion: 77 Resp: 434447

Ion Ratio Lower Upper

77 100

97 22.4 10.8 32.4



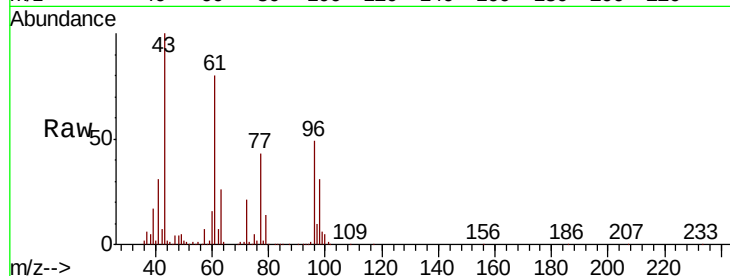


#27

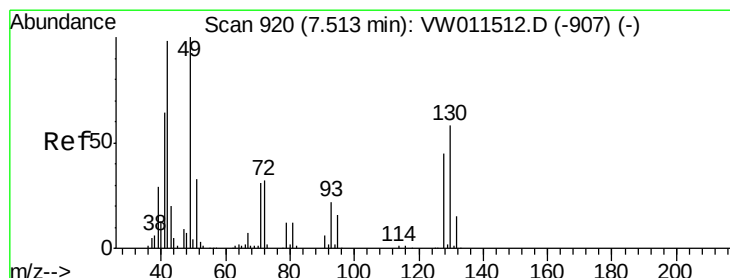
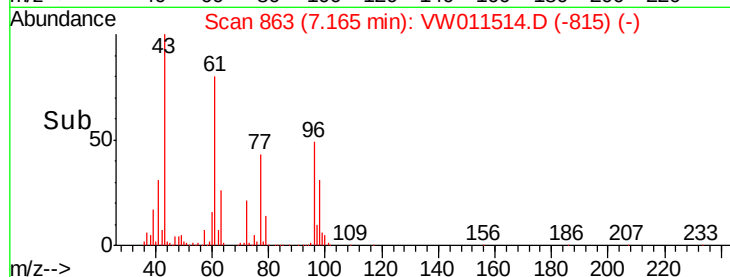
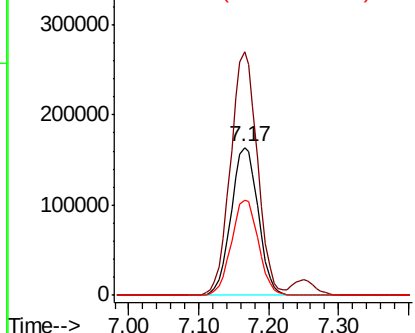
cis-1,2-Dichloroethene
 Concen: 149.547 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 96 Resp: 441329
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 328.4
 98 64.2 0.0 128.8



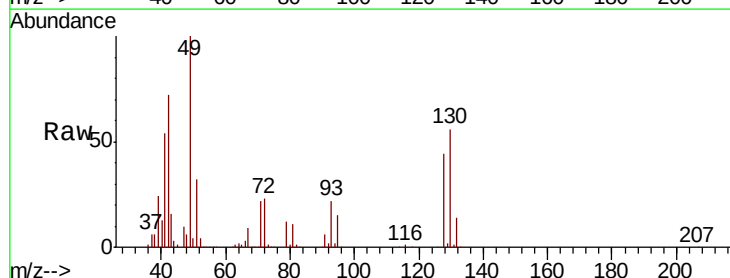
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



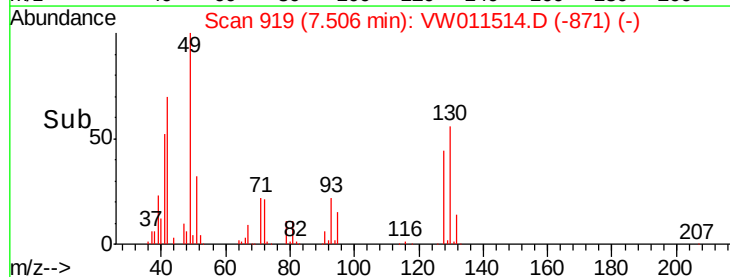
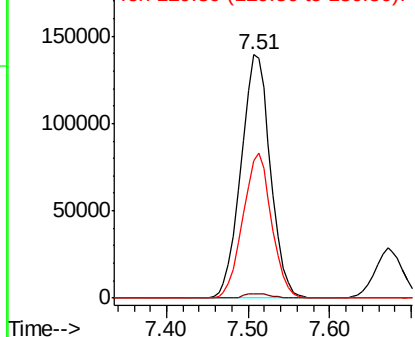
#28

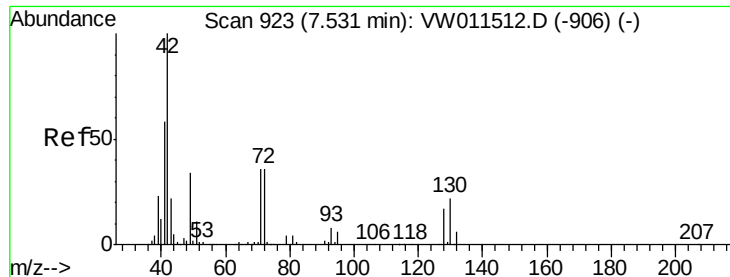
Bromochloromethane
 Concen: 147.020 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion: 49 Resp: 348562
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 1.0#
 130 58.3 46.3 69.5



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

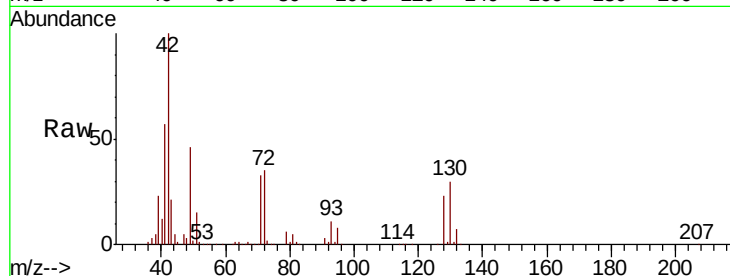




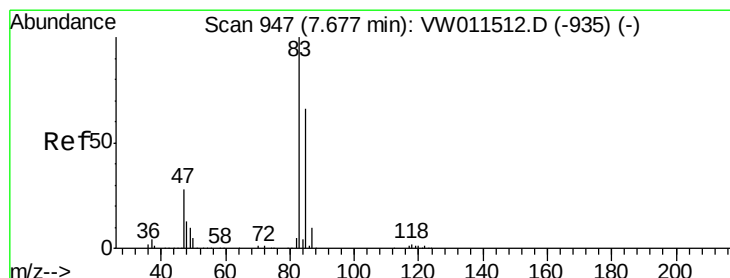
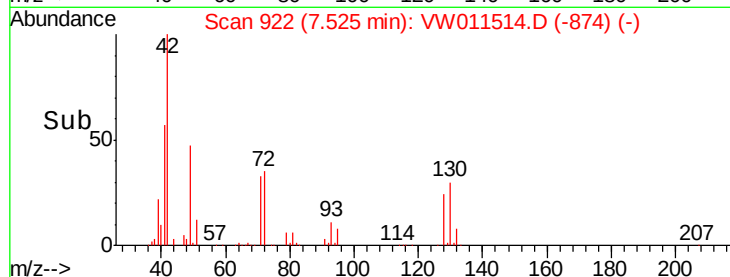
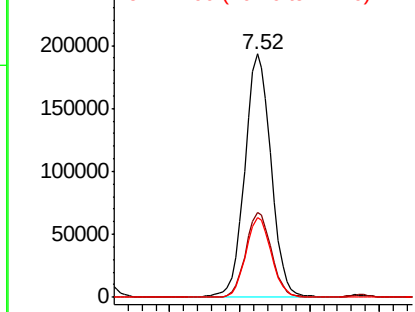
#29
Tetrahydrofuran
Concen: 768.913 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 501674
Ion Ratio Lower Upper
42 100
72 34.2 27.1 40.7
71 32.2 26.2 39.4

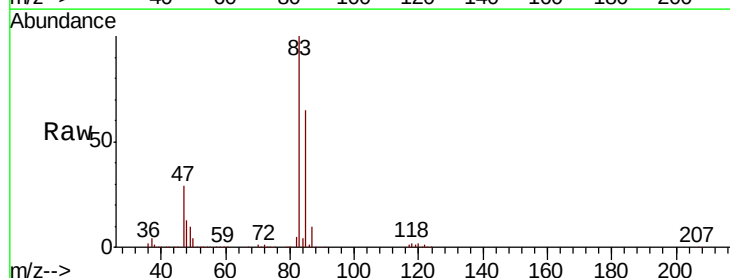


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

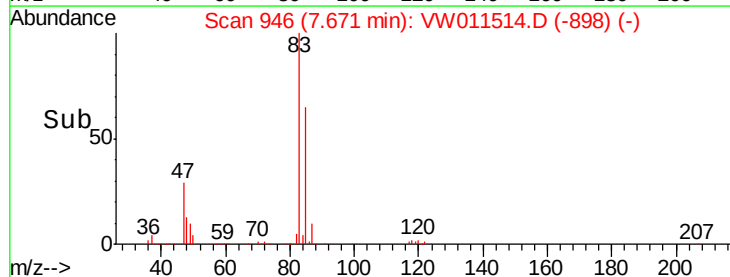
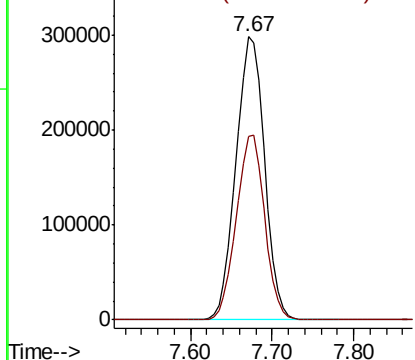


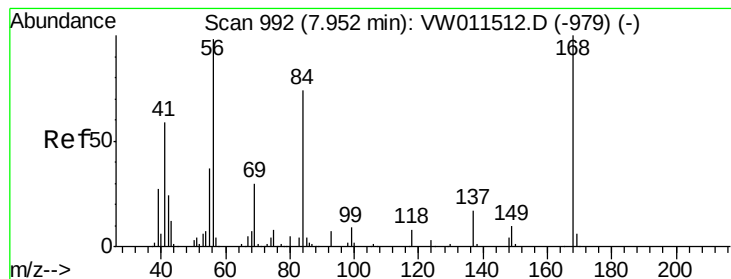
#30
Chloroform
Concen: 147.048 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 83 Resp: 724624
Ion Ratio Lower Upper
83 100
85 65.0 52.5 78.7



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





#31

Cyclohexane

Concen: 135.865 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

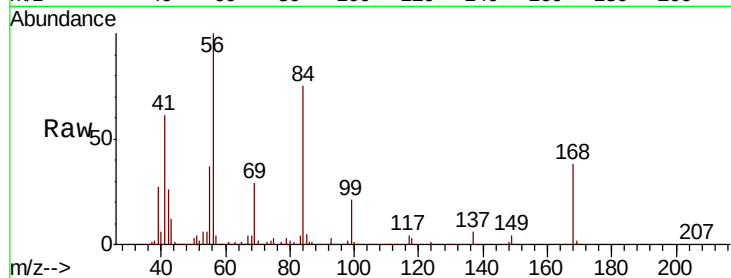
Tot Ion: 56 Resp: 696614

Ion Ratio Lower Upper

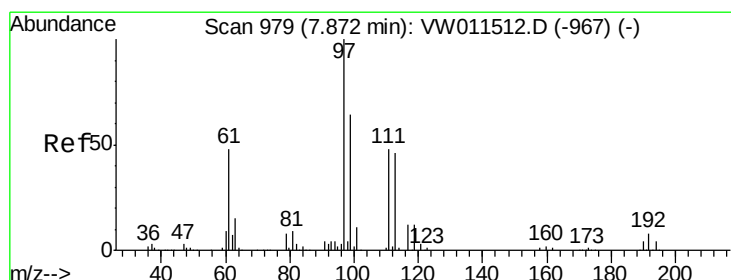
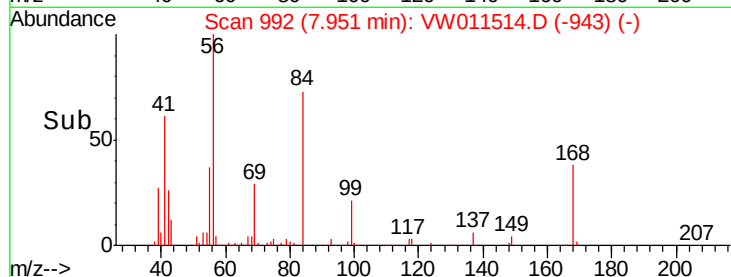
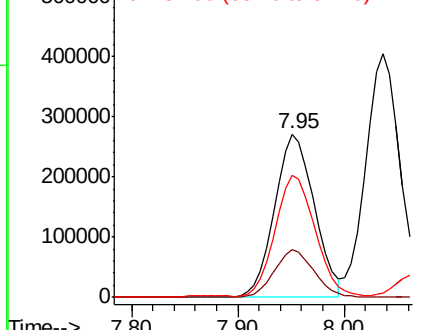
56 100

69 28.9 24.3 36.5

84 74.1 60.4 90.6



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: 149.020 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

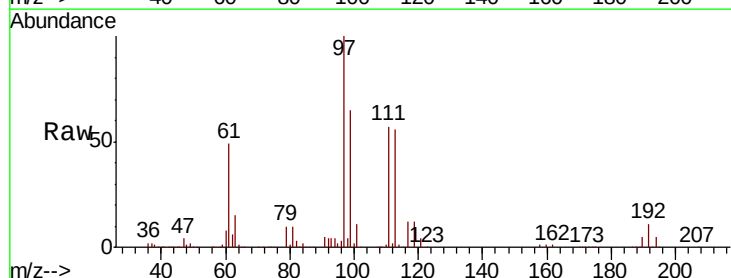
Tgt Ion: 97 Resp: 559250

Ion Ratio Lower Upper

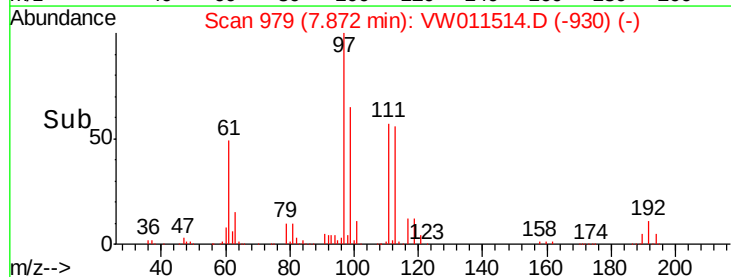
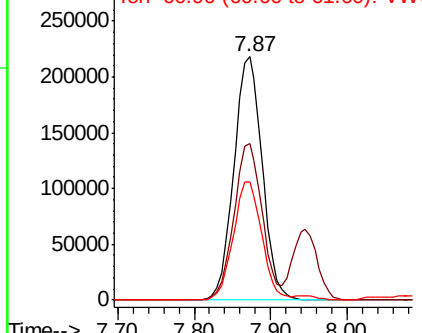
97 100

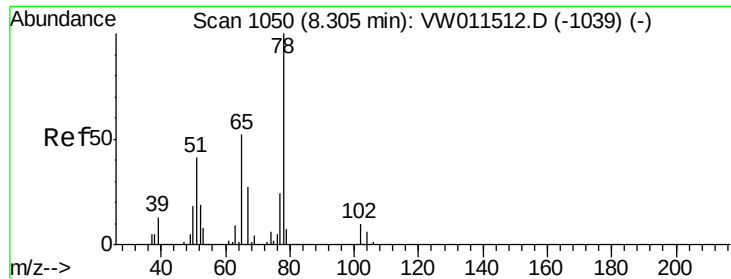
99 64.4 51.0 76.6

61 49.0 39.8 59.6



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

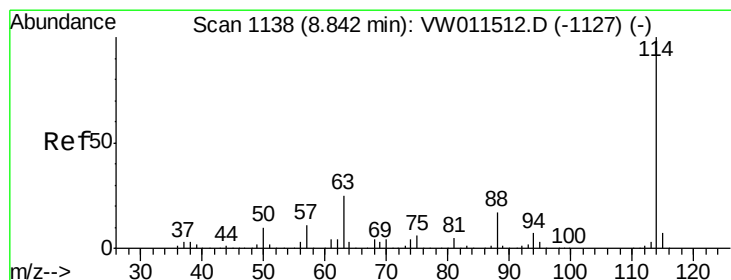
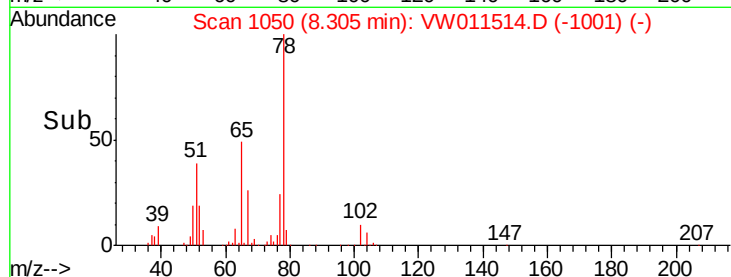
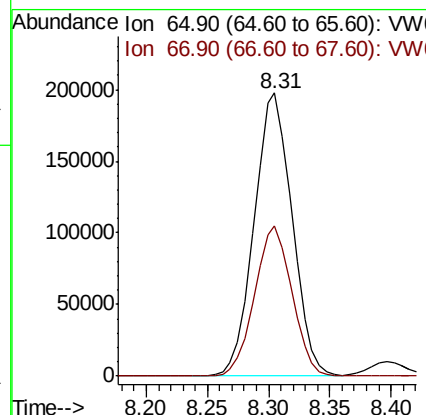
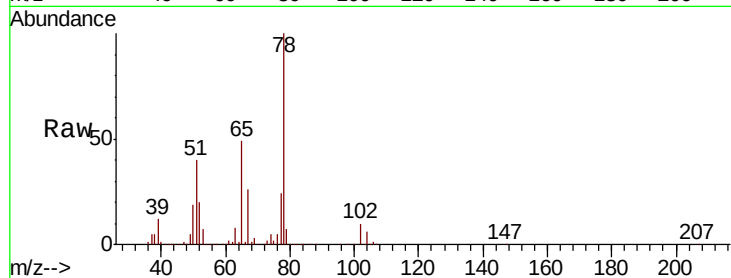




#33
 1,2-Dichloroethane-d4
 Concen: 155.960 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

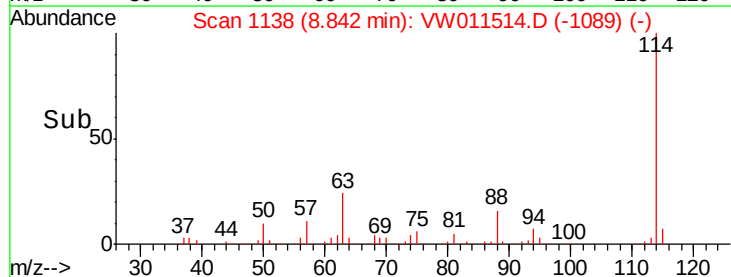
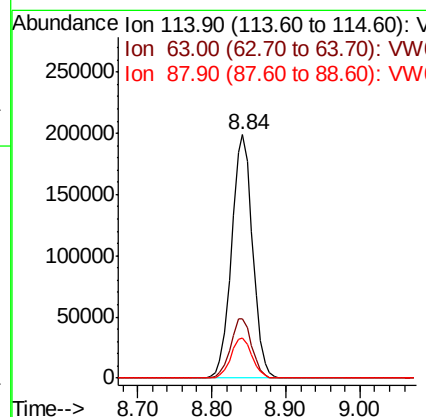
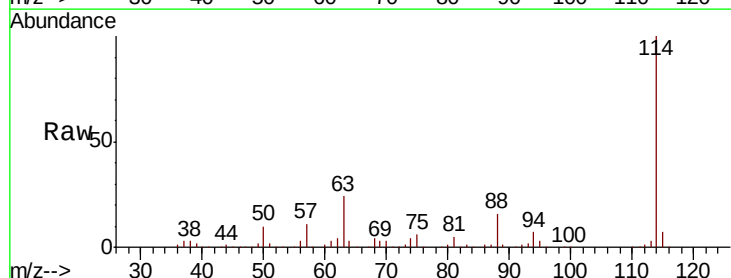
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

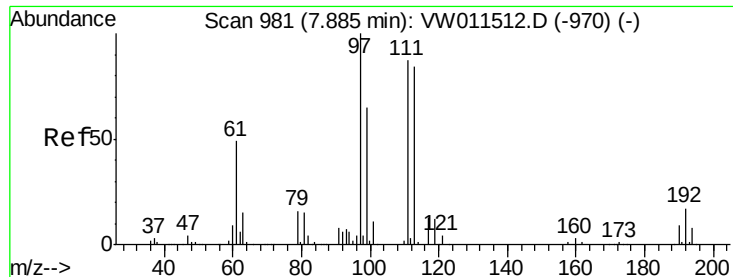
Tot Ion: 65 Resp: 427675
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion: 114 Resp: 390605
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.4 0.0 33.8

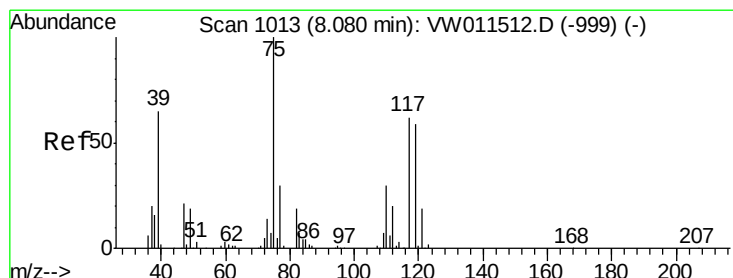
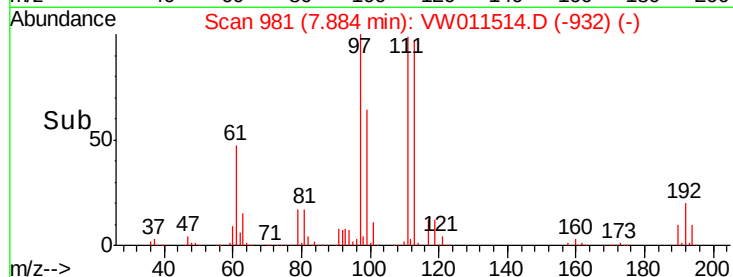
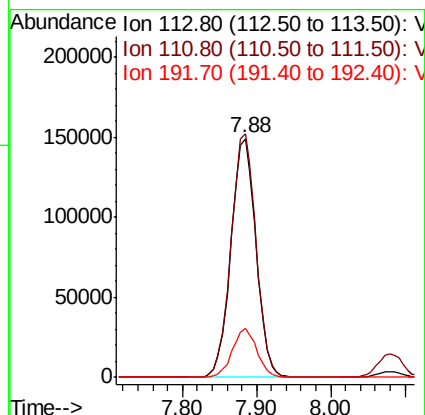
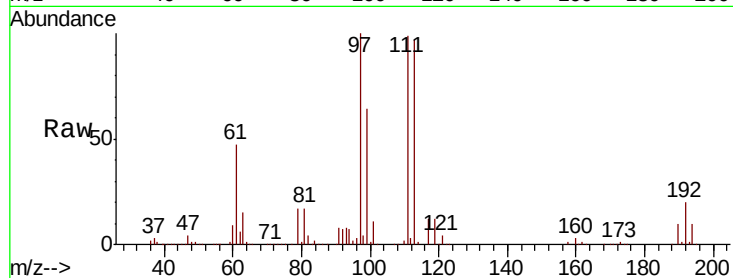




#35
 Dibromofluoromethane
 Concen: 159.878 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

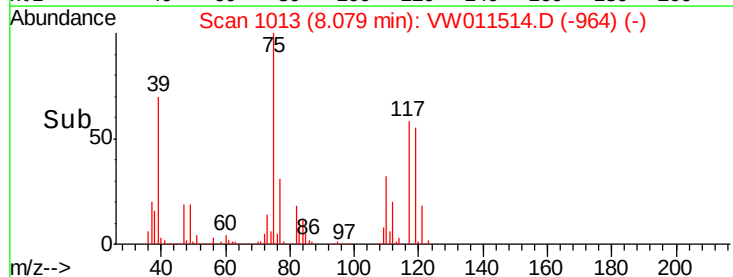
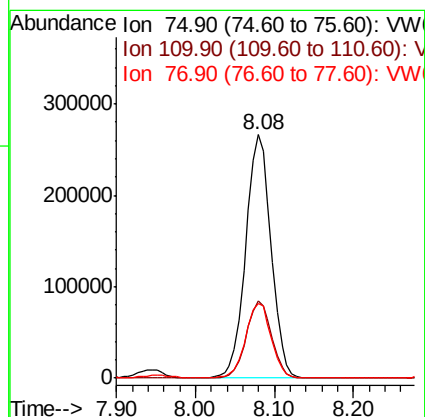
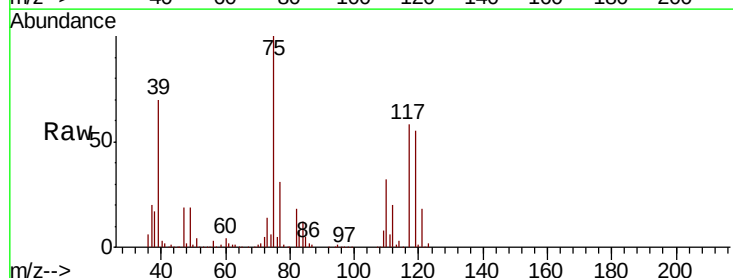
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

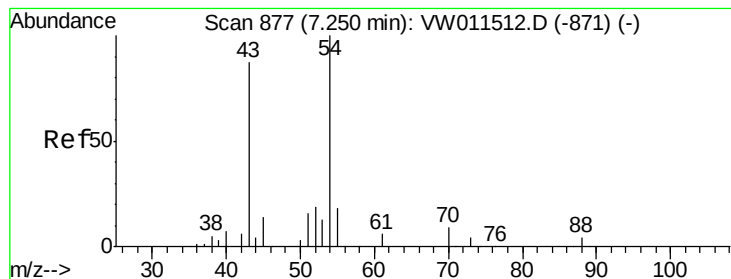
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.7	124.1
192	20.1	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 146.007 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	15.6	46.8
77	31.1	24.3	36.5





#37

Ethyl Acetate

Concen: 149.295 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

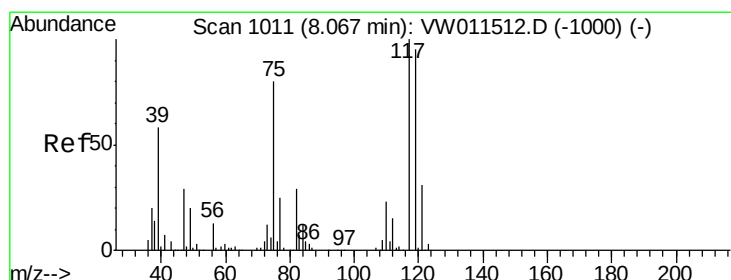
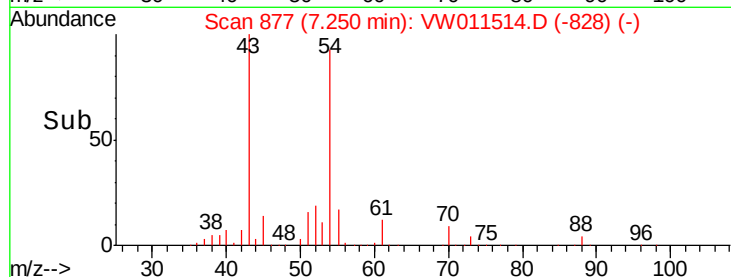
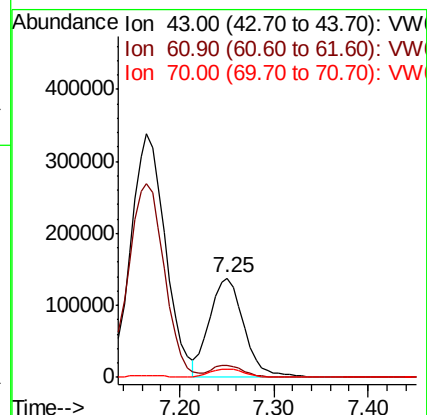
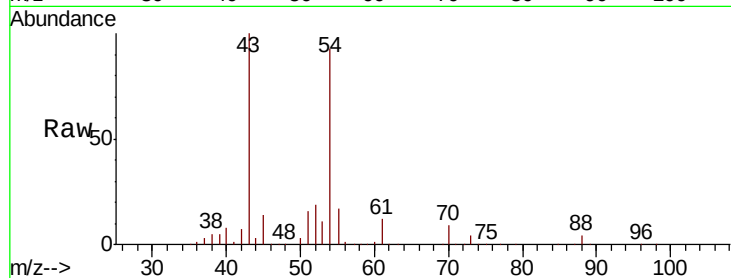
Tot Ion: 43 Resp: 348862

Ion Ratio Lower Upper

43 100

61 11.7 8.8 13.2

70 8.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 149.343 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

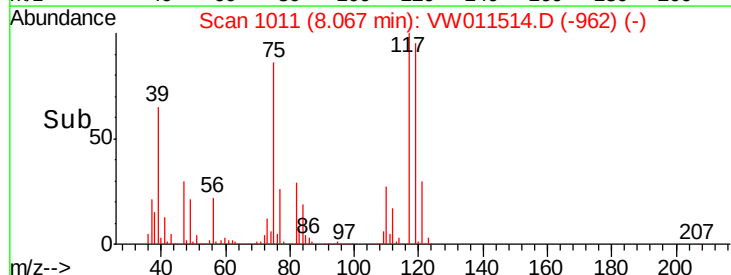
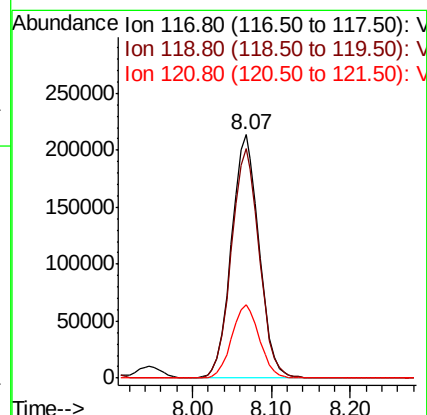
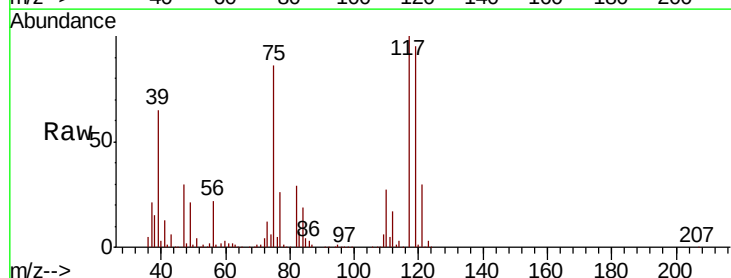
Tgt Ion: 117 Resp: 519264

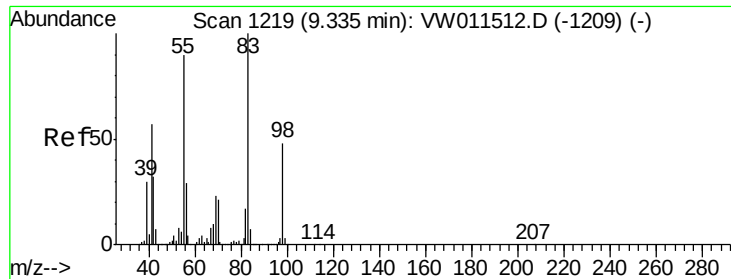
Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.6

121 30.4 24.7 37.1

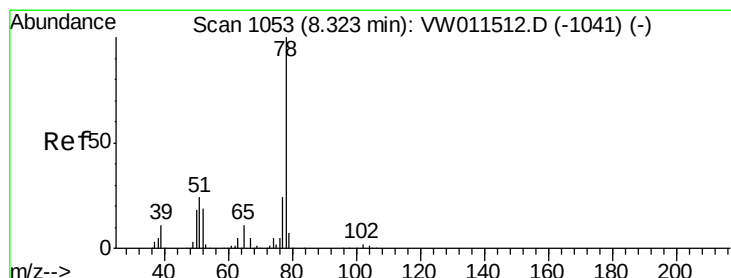
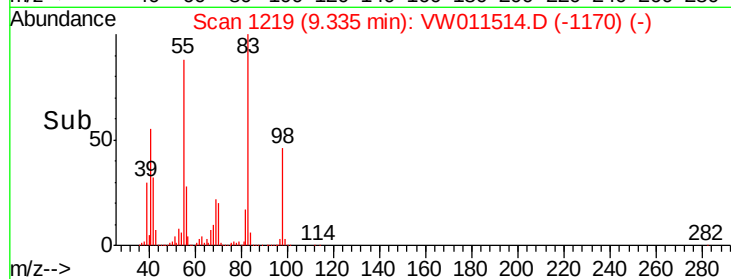
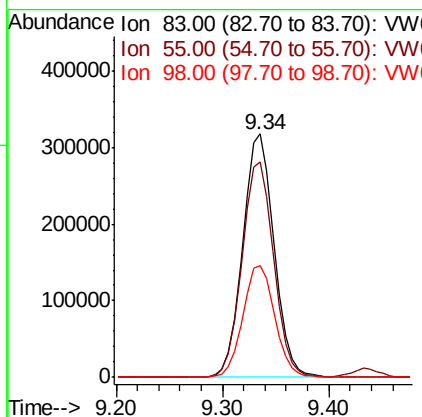
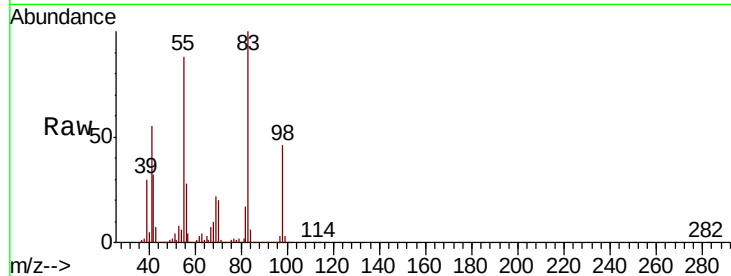




#39
Methylvlcyclohexane
Concen: 147.378 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

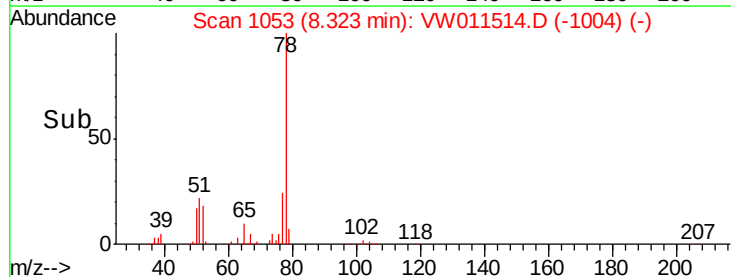
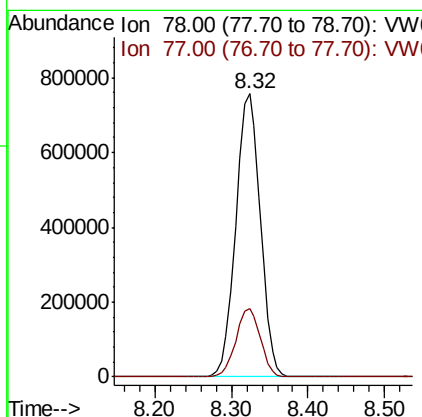
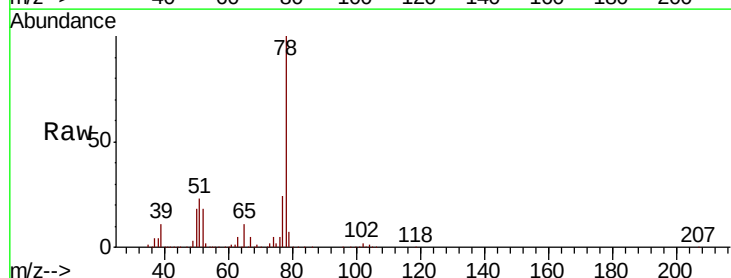
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

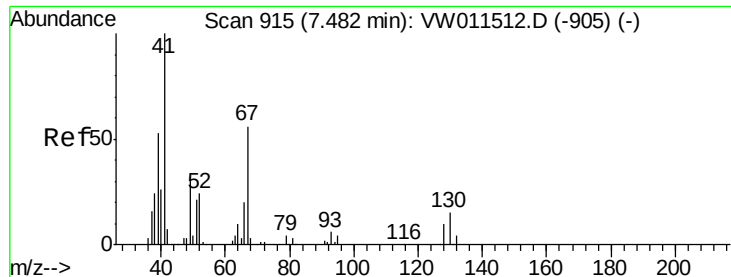
Tot Ion: 83 Resp: 659116
Ion Ratio Lower Upper
83 100
55 88.3 72.1 108.1
98 45.9 38.6 57.8



#40
Benzene
Concen: 147.699 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 78 Resp: 1680332
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0





#41

Methacrylonitrile

Concen: 158.889 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 221941

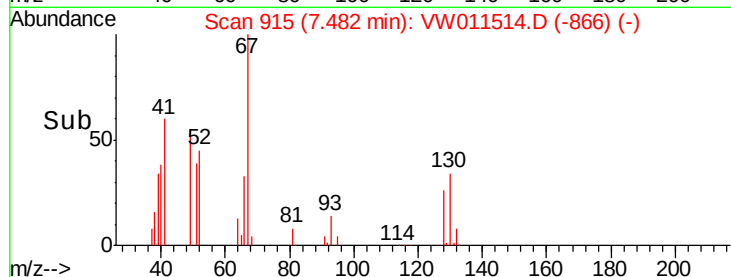
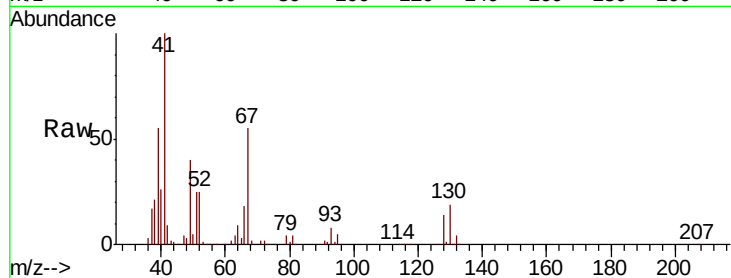
Ion Ratio Lower Upper

41 100

39 52.4 43.0 64.4

67 54.8 47.5 71.3

52 24.7 21.0 31.6

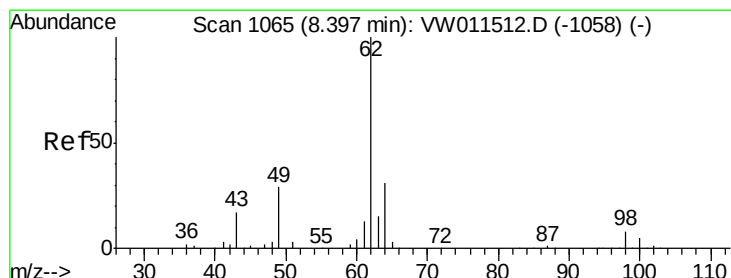
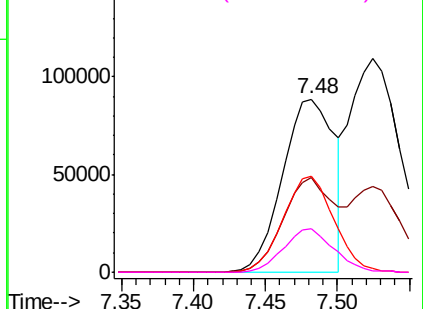


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 148.188 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011514.D

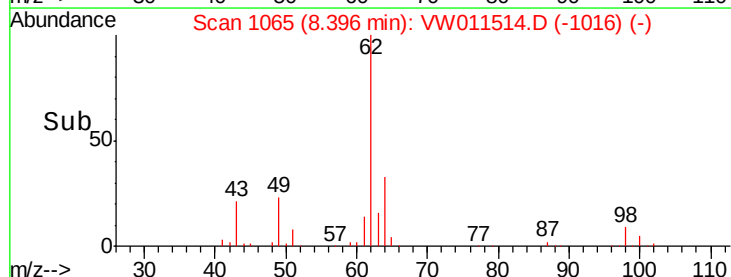
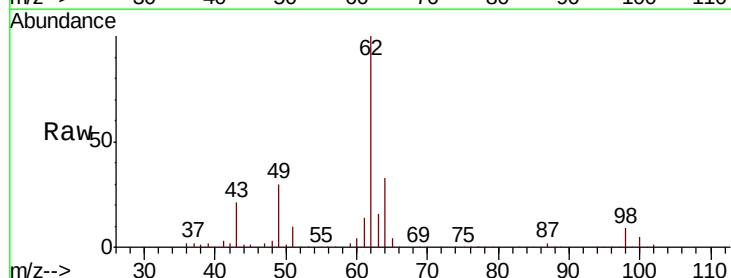
Acq: 26 Jul 2019 13:44

Tgt Ion: 62 Resp: 527829

Ion Ratio Lower Upper

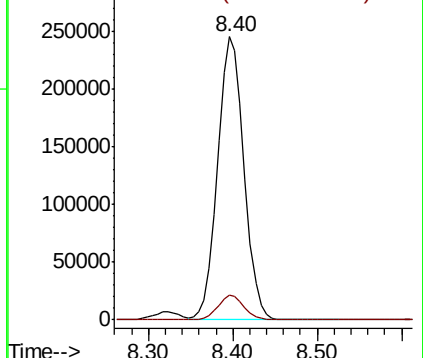
62 100

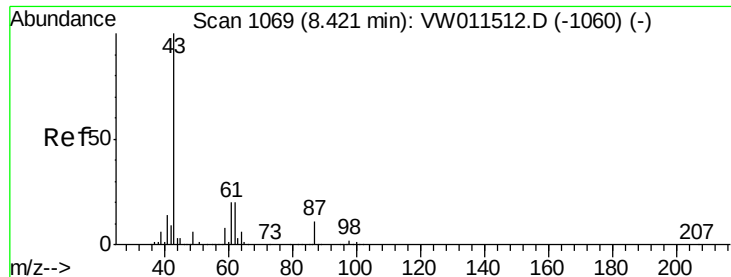
98 8.5 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 158.444 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

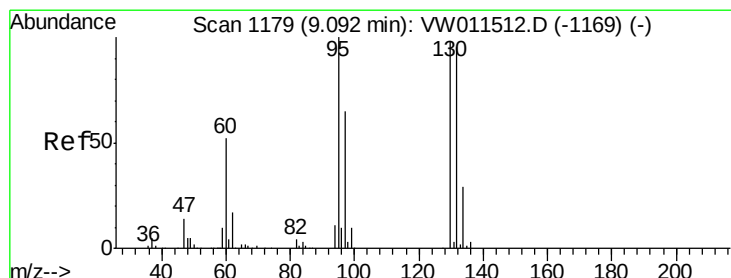
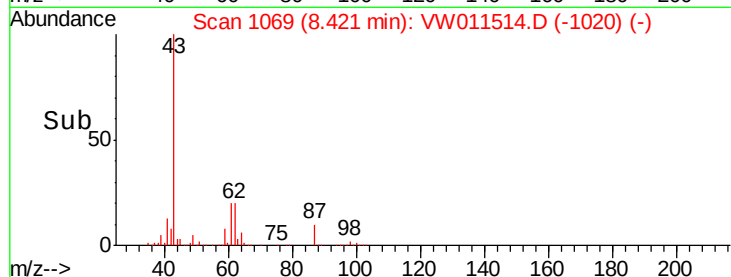
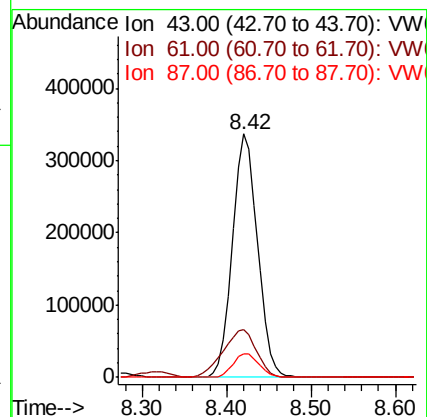
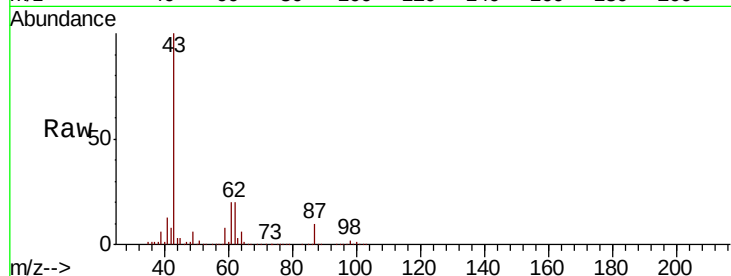
Tot Ion: 43 Resp: 680902

Ion Ratio Lower Upper

43 100

61 26.2 21.5 32.3

87 10.2 8.4 12.6



#44

Trichloroethene

Concen: 150.591 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011514.D

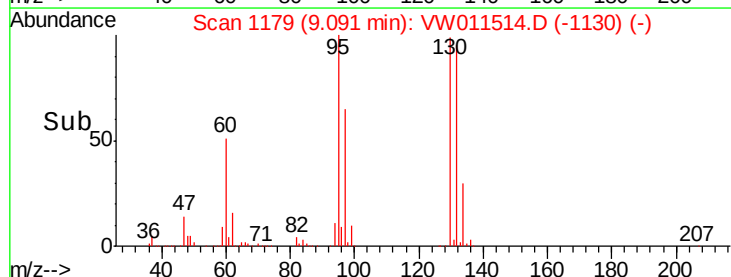
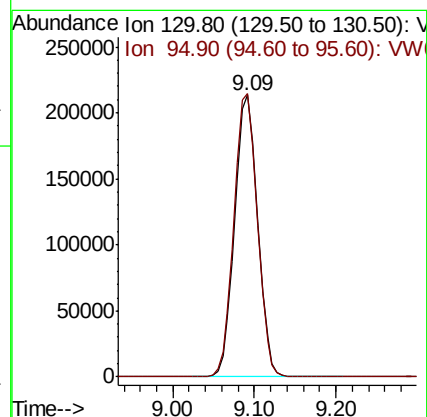
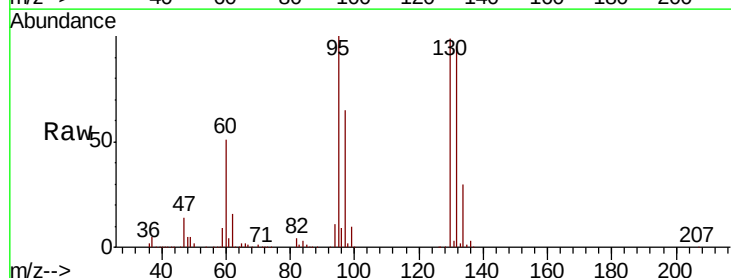
Acq: 26 Jul 2019 13:44

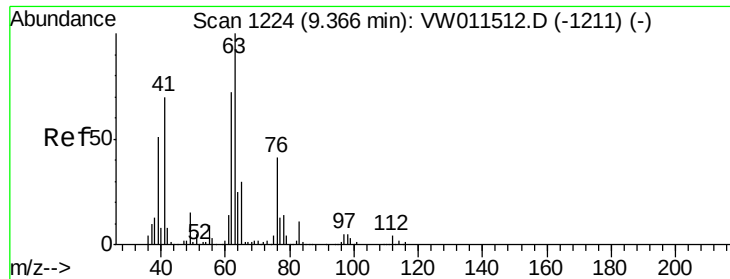
Tgt Ion: 130 Resp: 411772

Ion Ratio Lower Upper

130 100

95 100.5 0.0 204.8

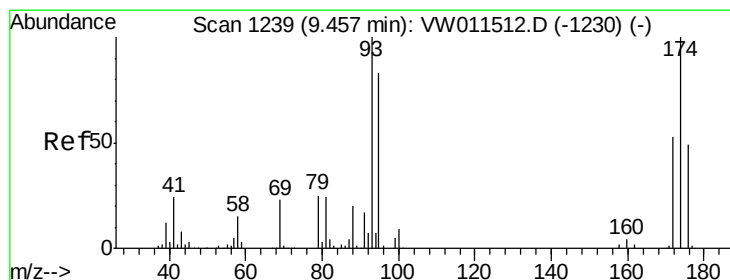
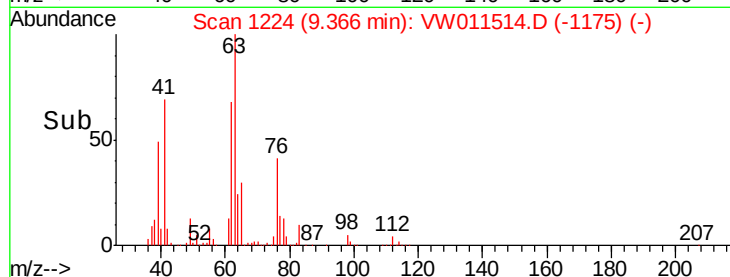
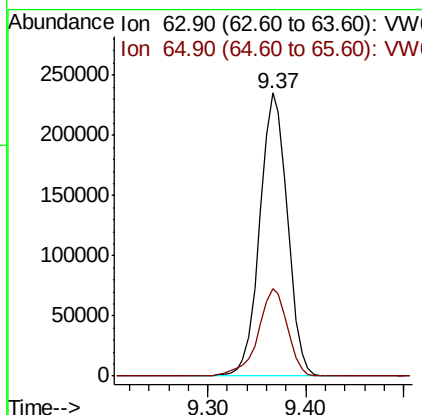
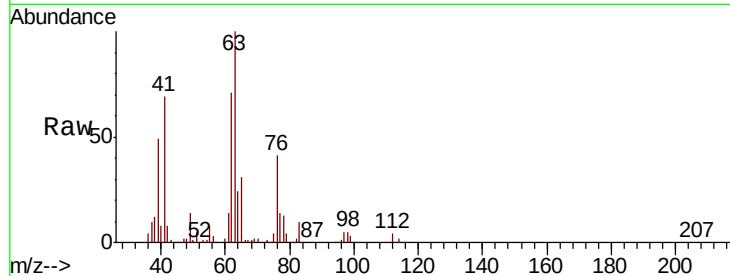




#45
 1,2-Dichloropropane
 Concen: 151.395 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

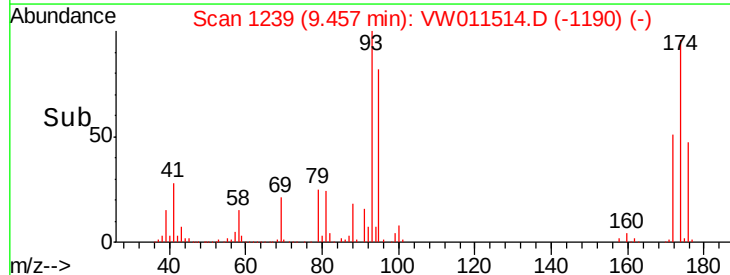
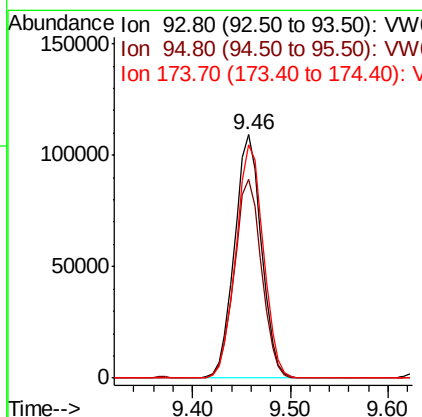
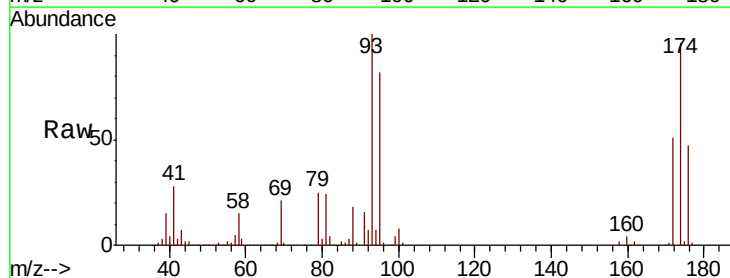
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

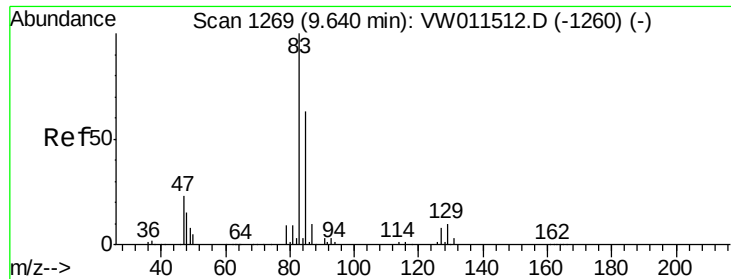
Tot Ion: 63 Resp: 460850
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4



#46
 Dibromomethane
 Concen: 150.333 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion: 93 Resp: 208865
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.2
 174 98.0 78.2 117.4





#47

Bromodichloromethane

Concen: 154.685 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

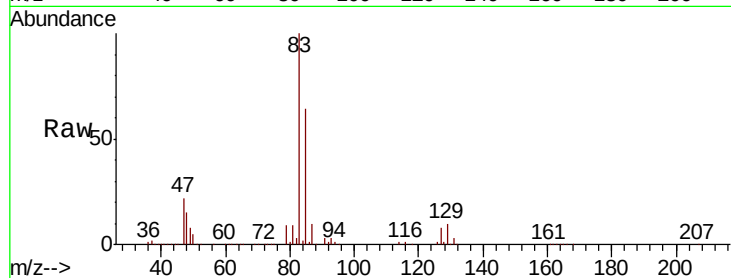
Tot Ion: 83 Resp: 563741

Ion Ratio Lower Upper

83 100

85 64.2 50.5 75.7

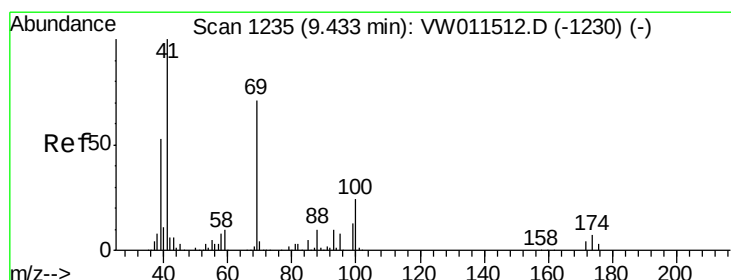
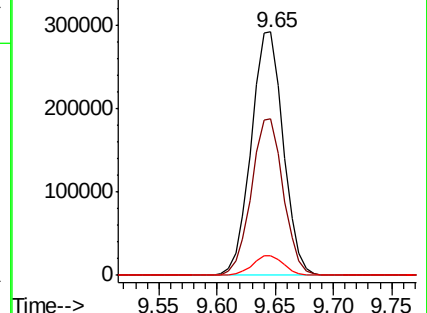
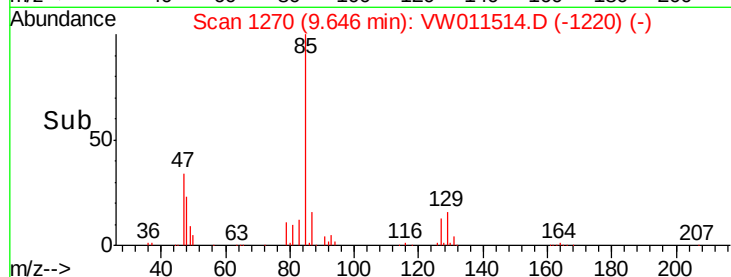
127 8.1 6.4 9.6



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: 161.856 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

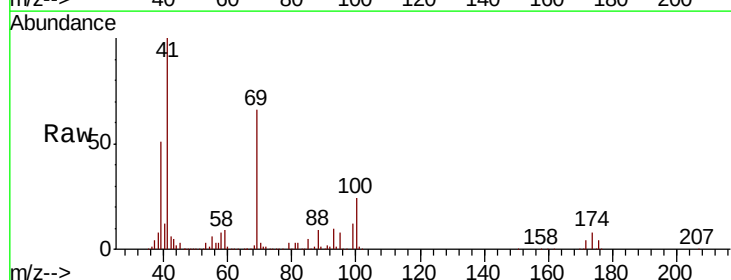
Tgt Ion: 41 Resp: 334124

Ion Ratio Lower Upper

41 100

69 71.1 57.1 85.7

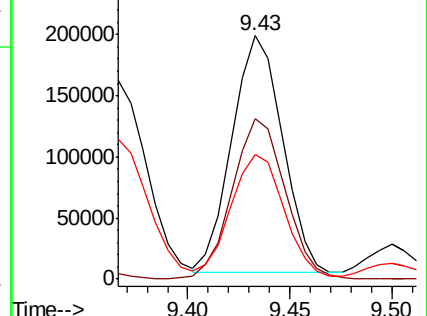
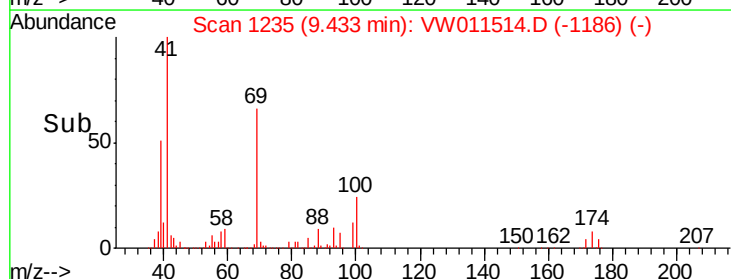
39 55.8 45.4 68.2

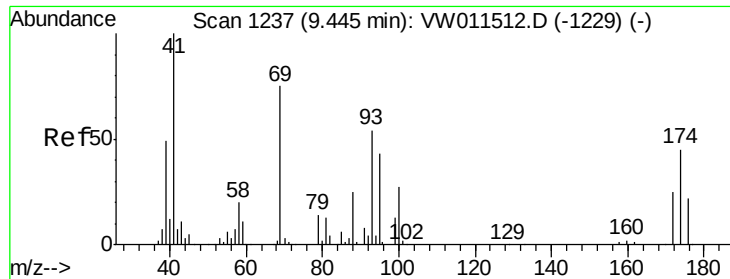


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

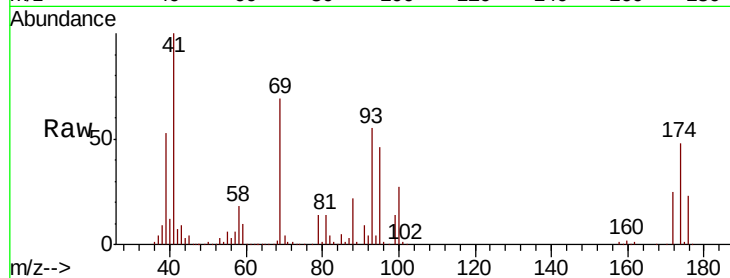




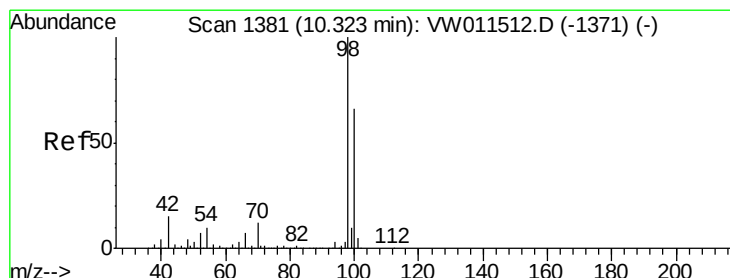
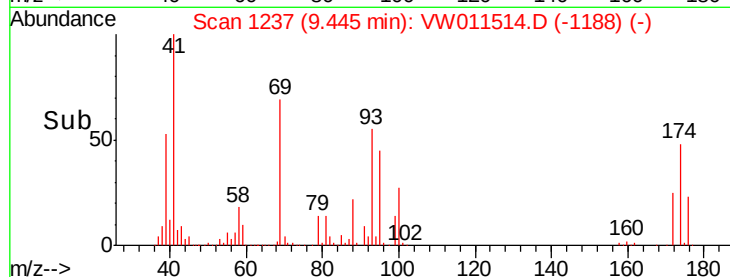
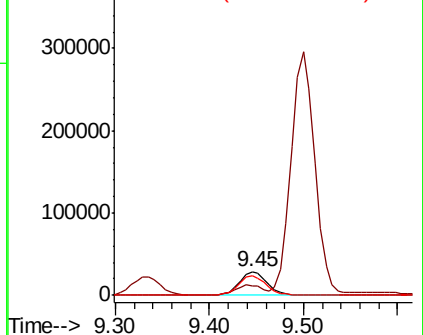
#49
1,4-Dioxane
Concen: 2932.952 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 59002
Ion Ratio Lower Upper
88 100
43 44.2 34.0 51.0
58 85.7 69.7 104.5

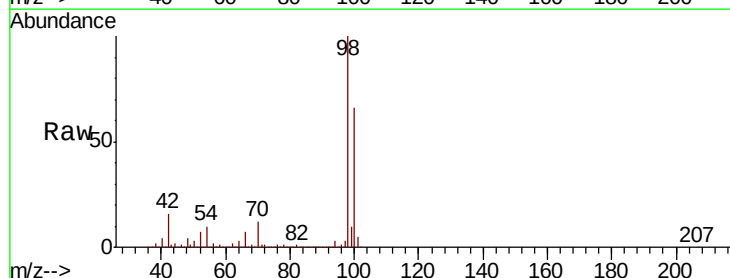


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

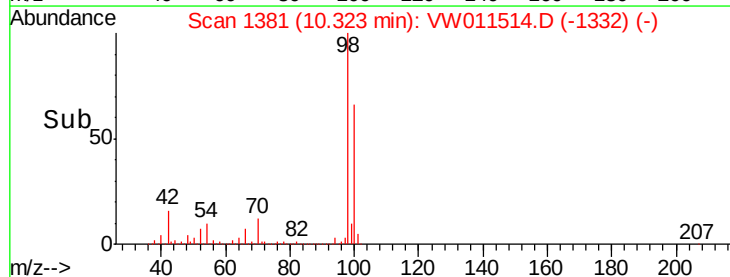
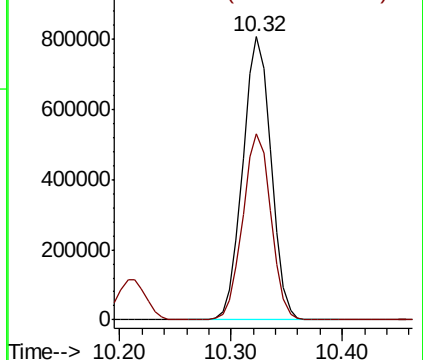


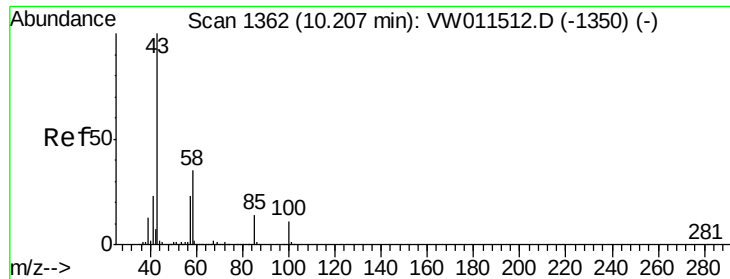
#50
Toluene-d8
Concen: 158.861 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 98 Resp: 1425319
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



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

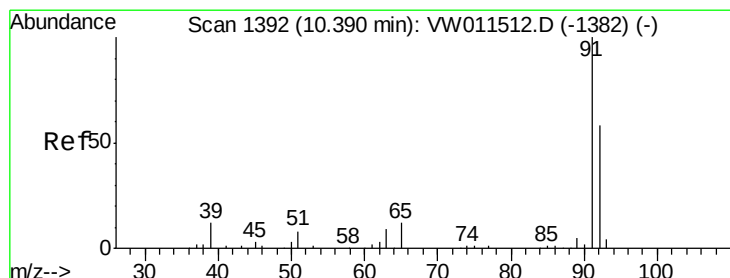
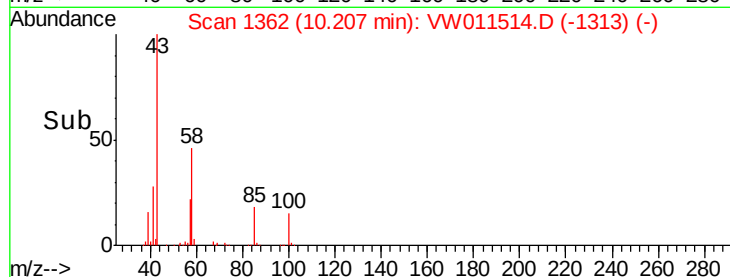
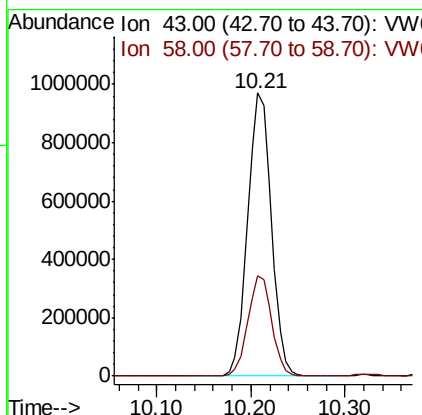
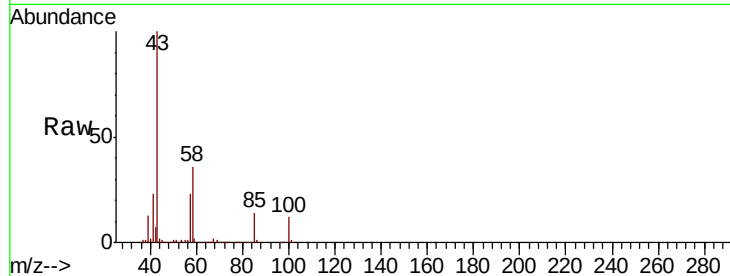




#51
4-Methyl-2-Pentanone
Concen: 768.351 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

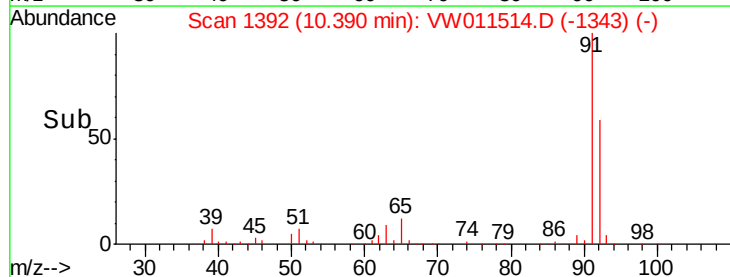
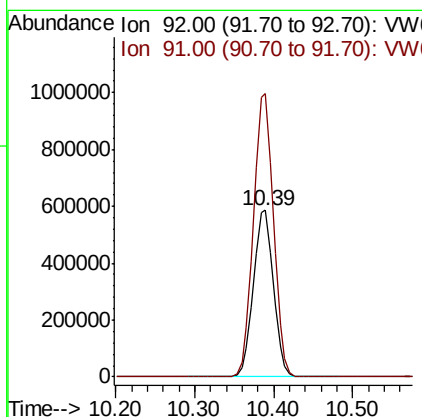
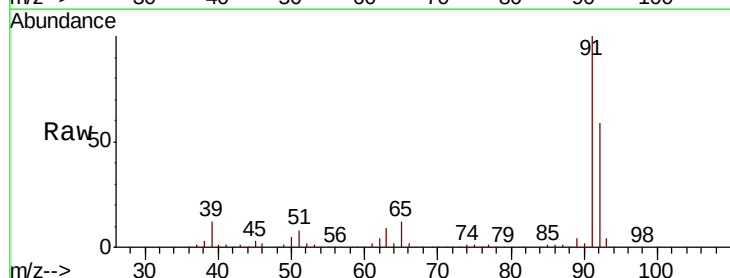
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

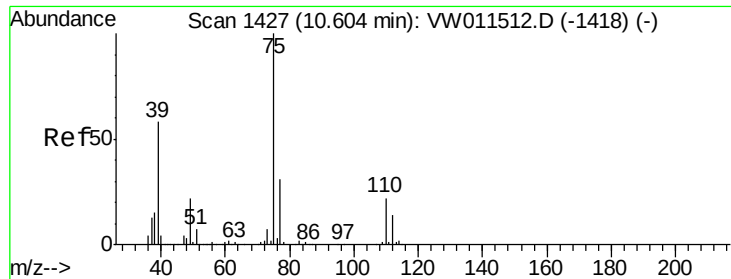
Tot Ion: 43 Resp: 1717499
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.2



#52
Toluene
Concen: 150.800 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 92 Resp: 1036052
Ion Ratio Lower Upper
92 100
91 170.3 136.7 205.1

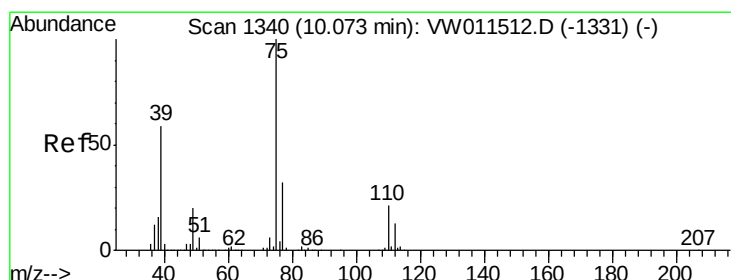
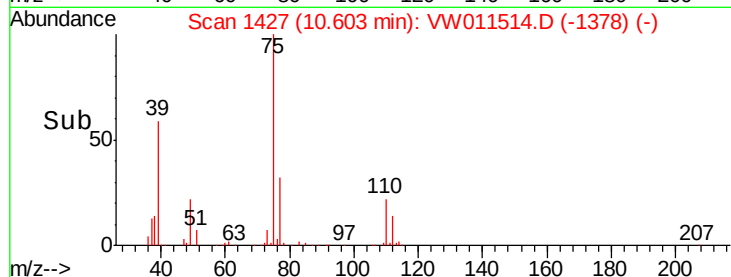
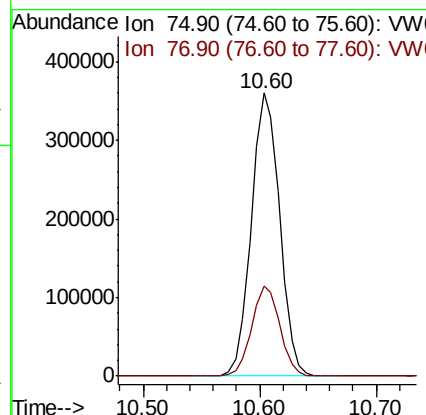
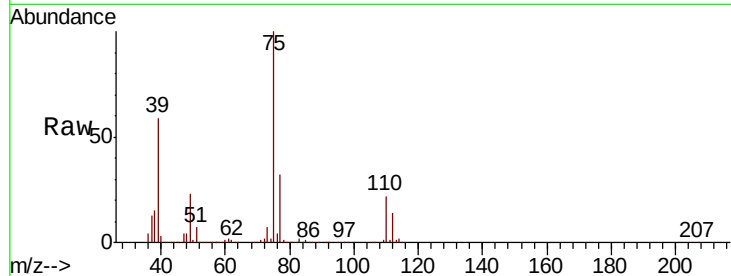




#53
t-1,3-Dichloropropene
Concen: 160.606 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

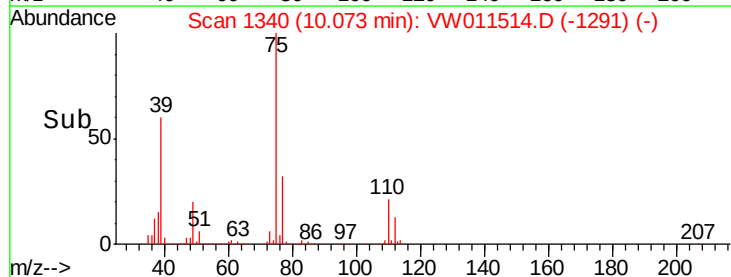
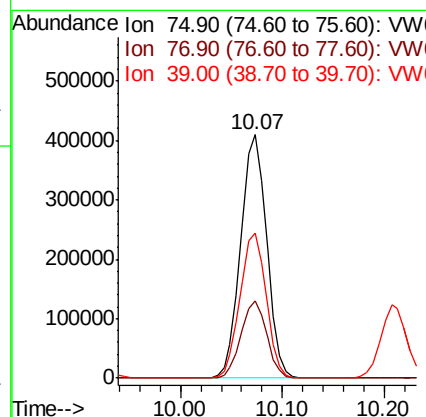
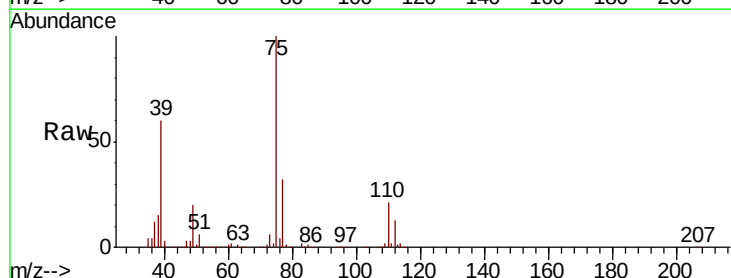
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

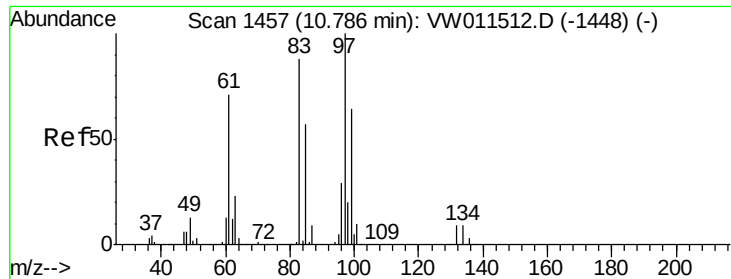
Tot Ion: 75 Resp: 611431
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 159.381 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 75 Resp: 721445
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 59.8 47.0 70.4

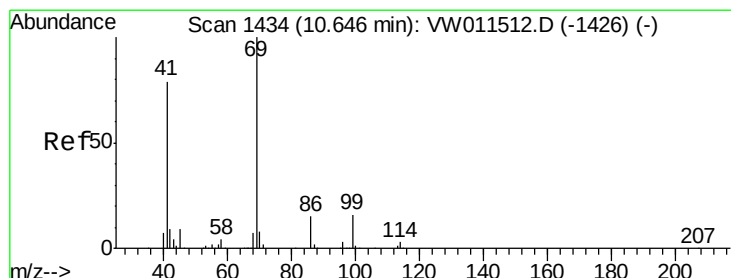
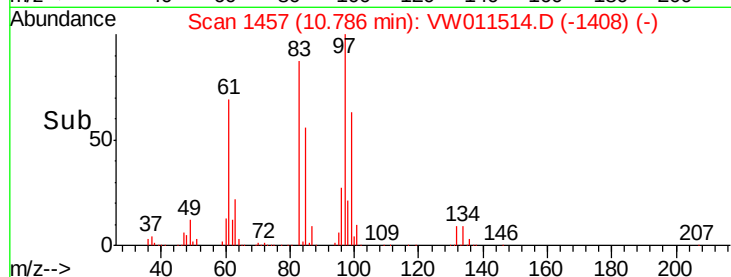
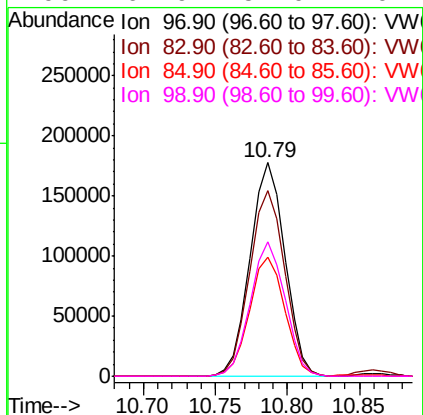
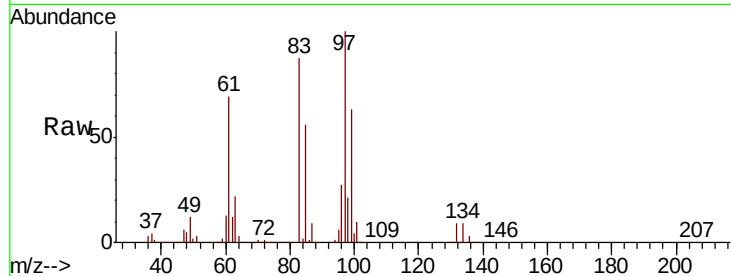




#55
 1,1,2-Trichloroethane
 Concen: 151.479 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

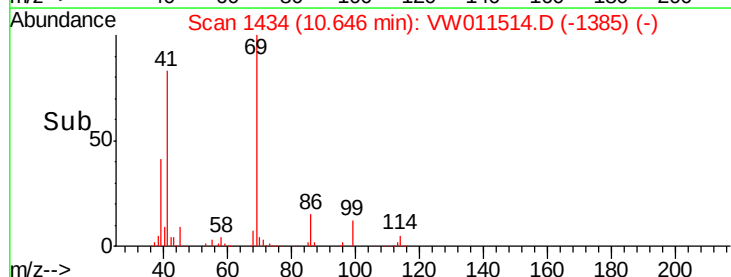
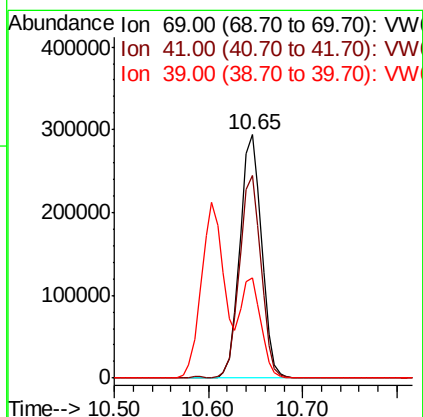
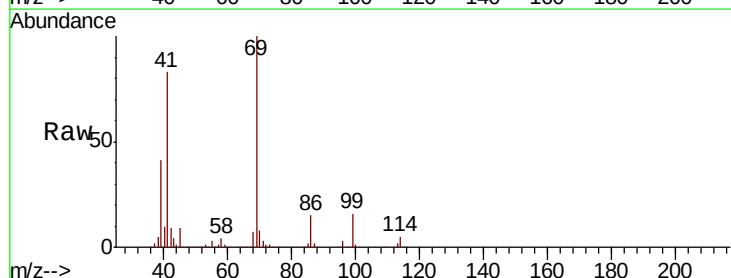
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

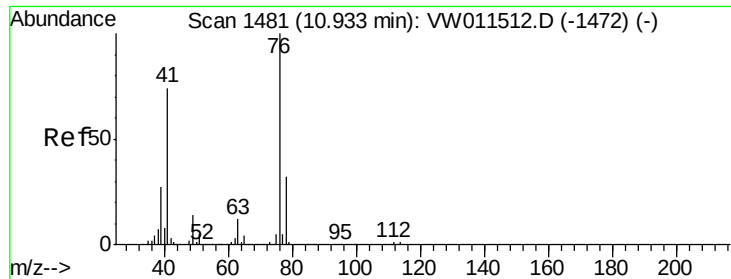
Tot Ion:	97	Resp:	298608
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.5	105.7
85	55.8	45.8	68.6
99	62.9	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 163.820 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion:	69	Resp:	472558
Ion	Ratio	Lower	Upper
69	100		
41	82.6	66.6	99.8
39	37.7	30.3	45.5

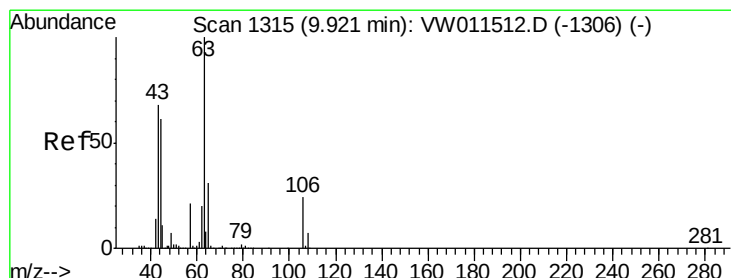
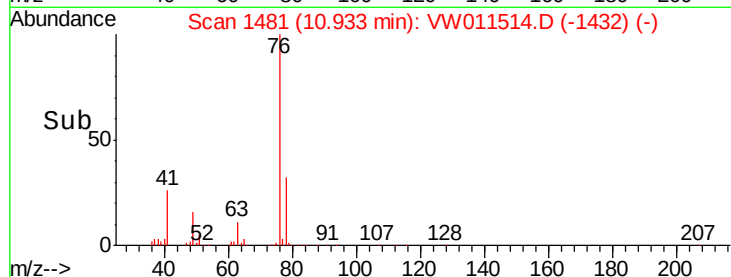
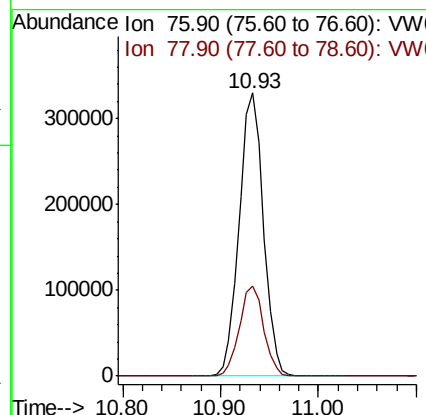
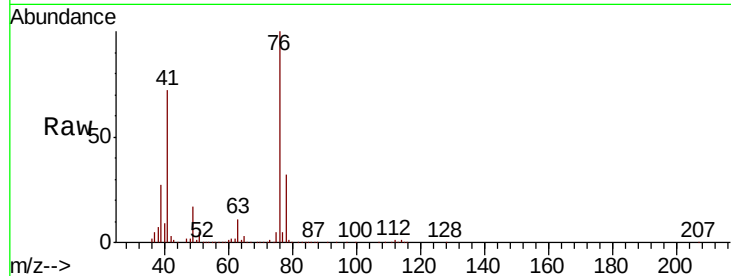




#57
 1,3-Dichloropropane
 Concen: 151.948 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

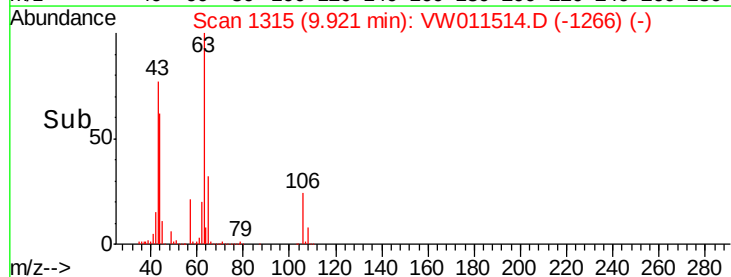
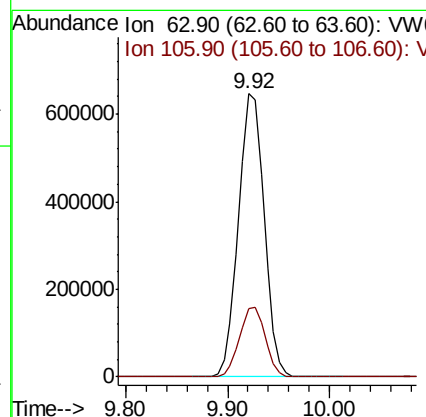
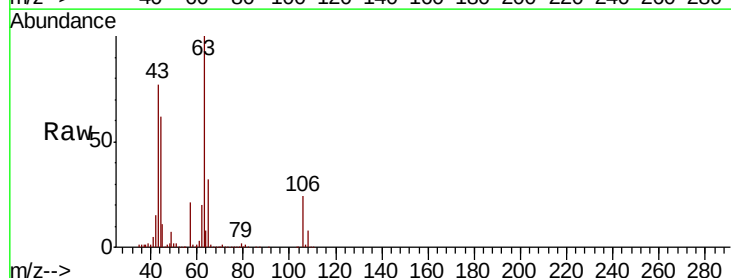
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

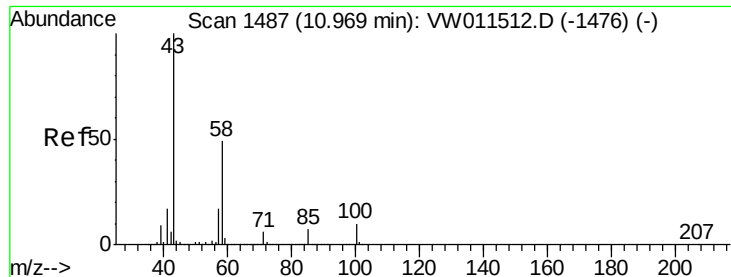
Tot Ion: 76 Resp: 566686
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 858.992 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion: 63 Resp: 1125049
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.7 29.5

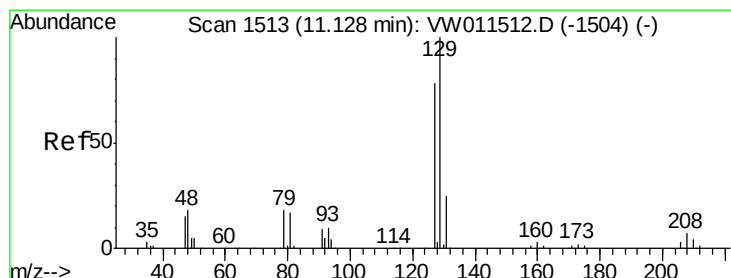
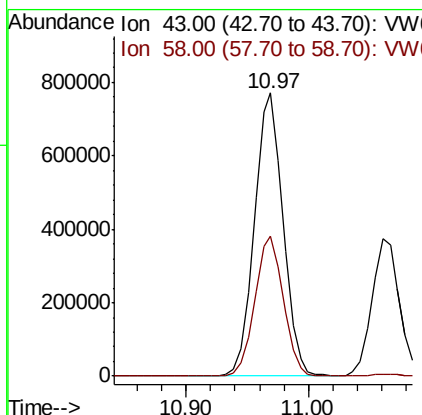
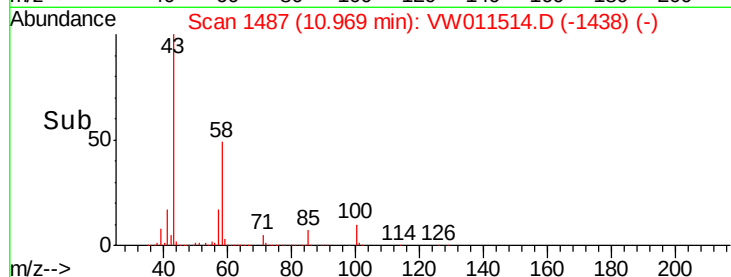
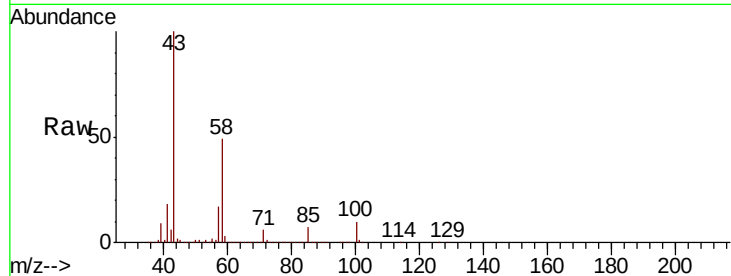




#59
2-Hexanone
Concen: 796.320 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

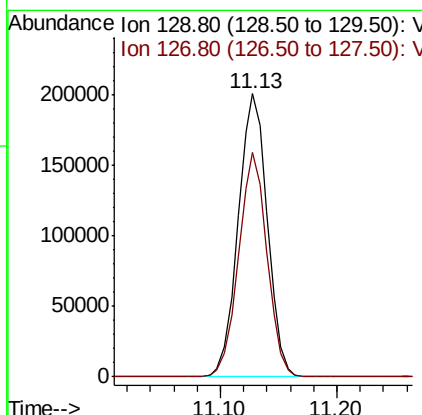
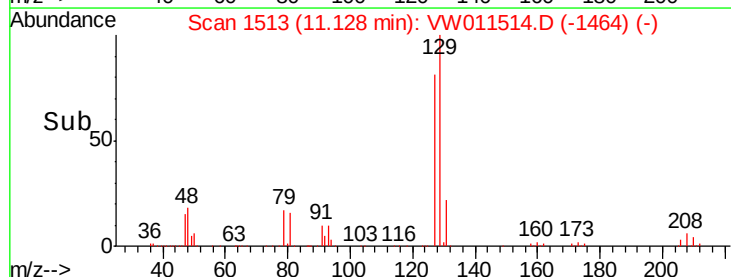
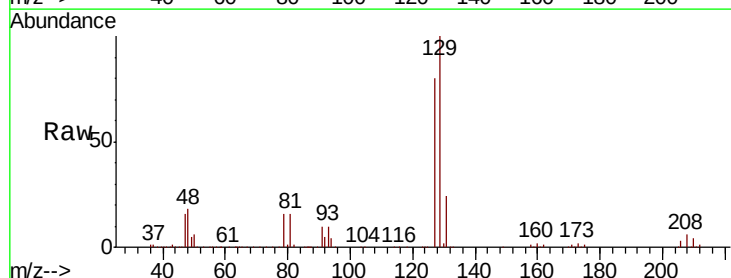
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

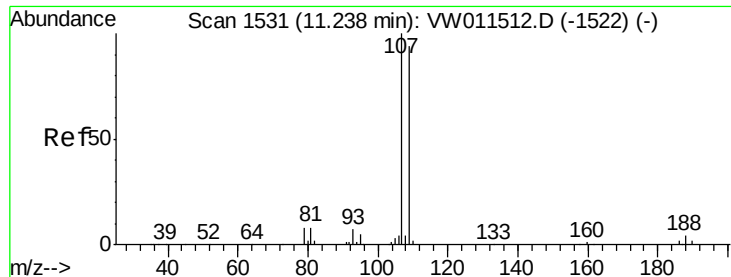
Tot Ion: 43 Resp: 1256809
Ion Ratio Lower Upper
43 100
58 49.3 24.3 72.9



#60
Dibromochloromethane
Concen: 160.147 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 129 Resp: 350428
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 153.041 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

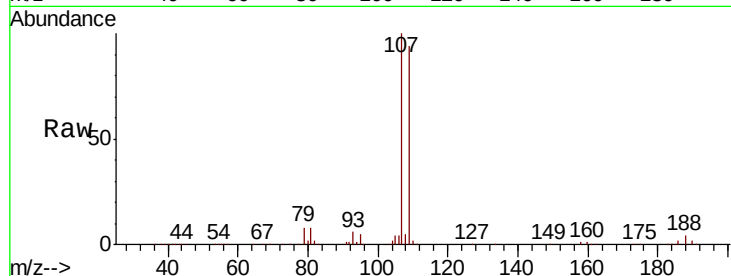
VSTDIC150

Tot Ion: 107 Resp: 285497

Ion Ratio Lower Upper

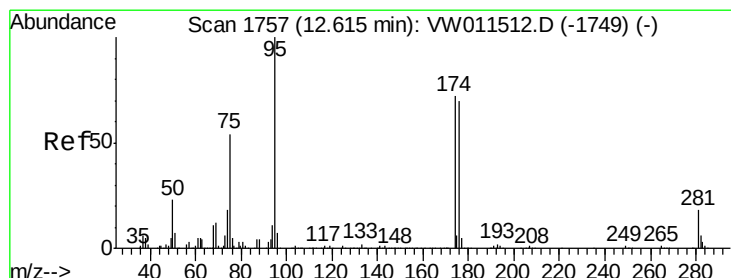
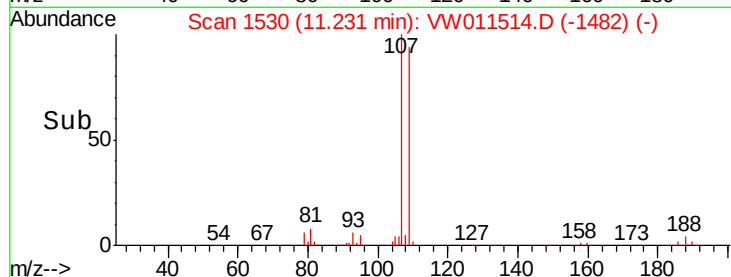
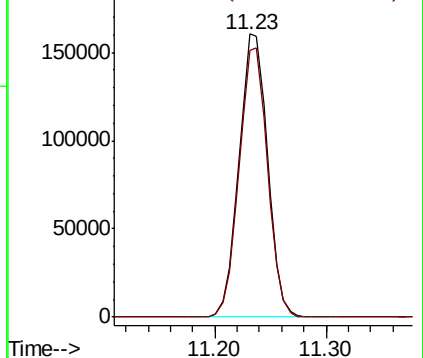
107 100

109 94.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 158.628 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

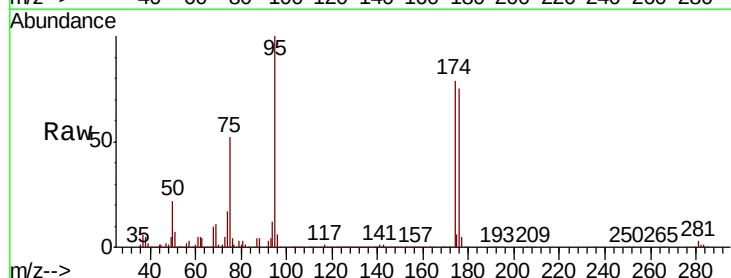
Tgt Ion: 95 Resp: 507408

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

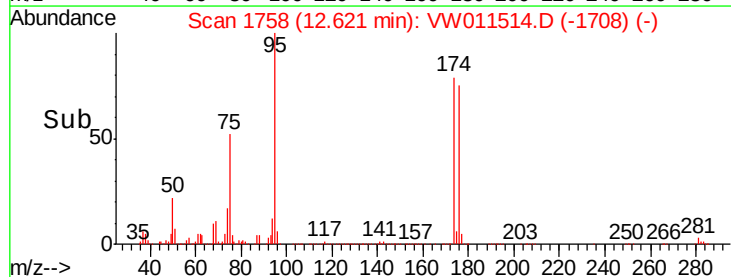
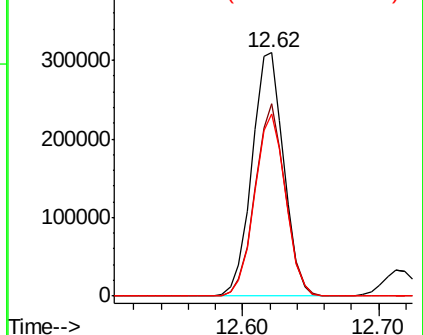
176 73.2 0.0 144.4

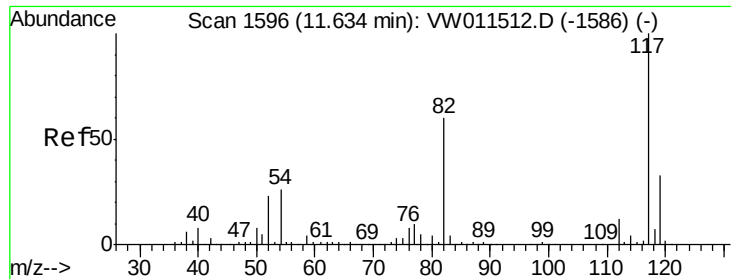


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

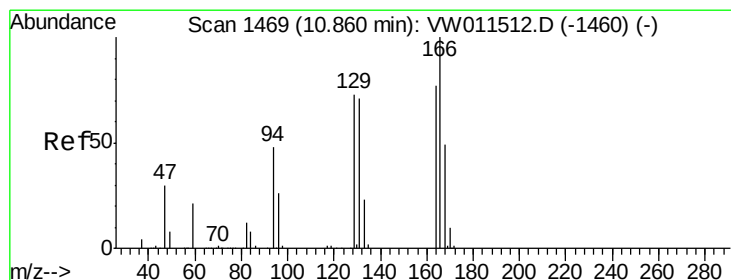
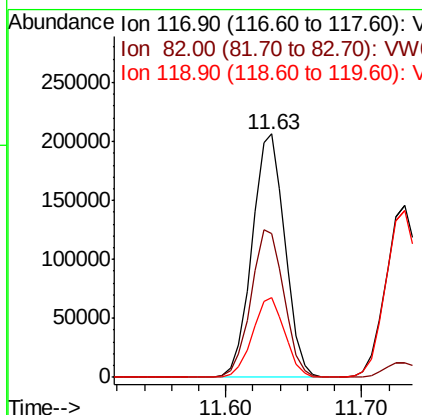
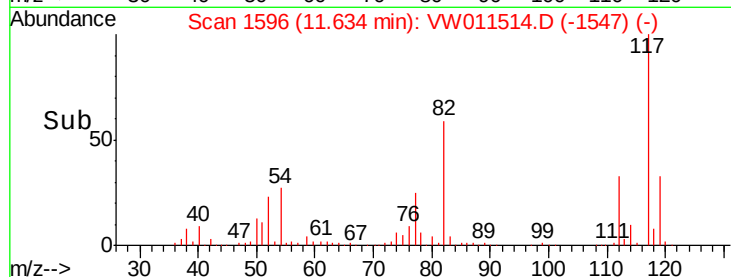
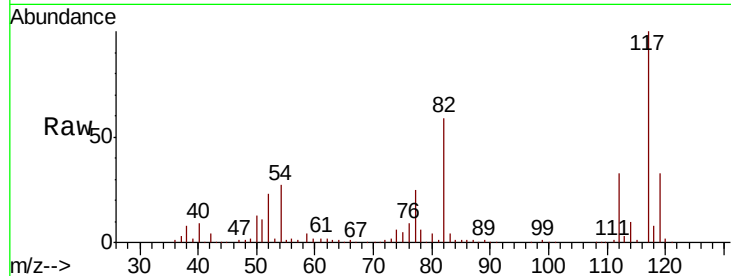




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

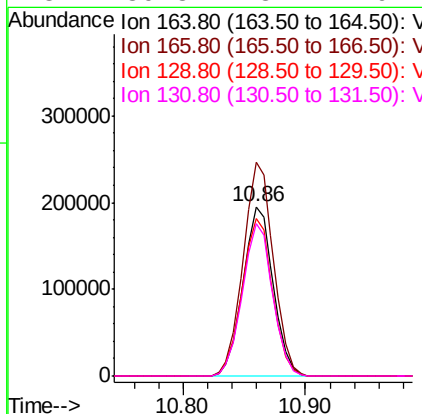
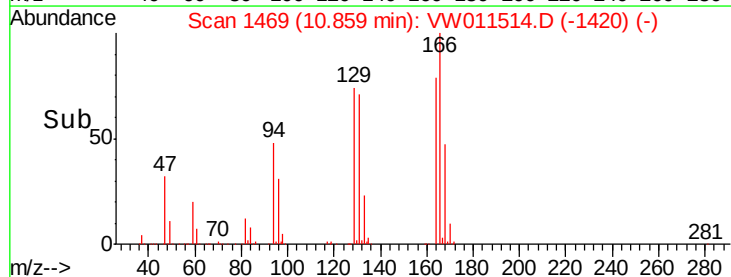
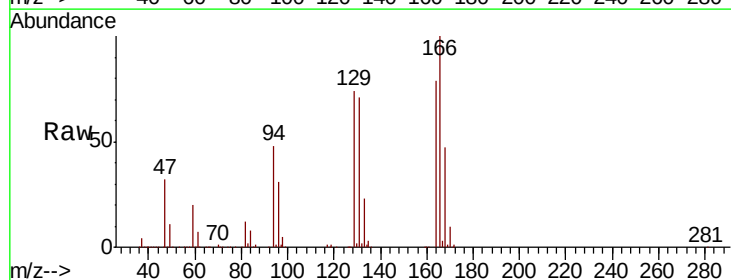
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

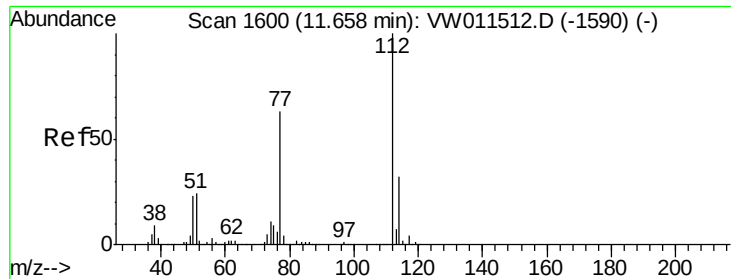
Tot Ion:117 Resp: 349873
Ion Ratio Lower Upper
117 100
82 58.8 47.9 71.9
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 146.708 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion:164 Resp: 334210
Ion Ratio Lower Upper
164 100
166 126.4 103.5 155.3
129 93.5 75.2 112.8
131 89.8 73.4 110.2

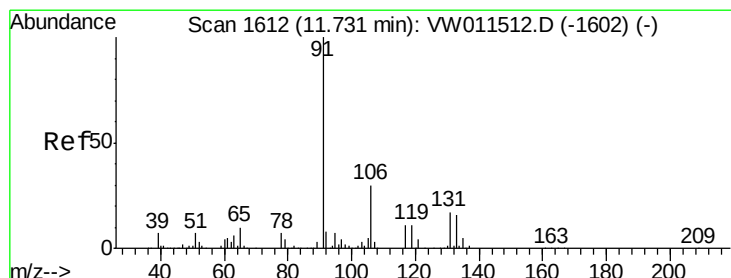
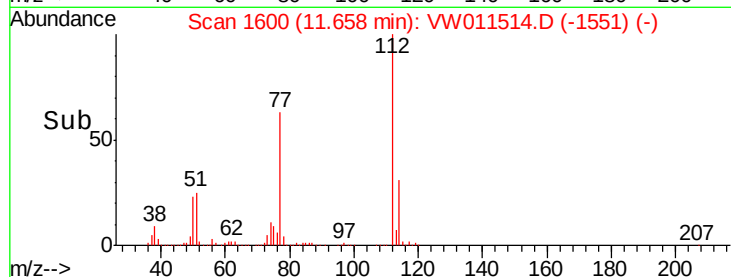
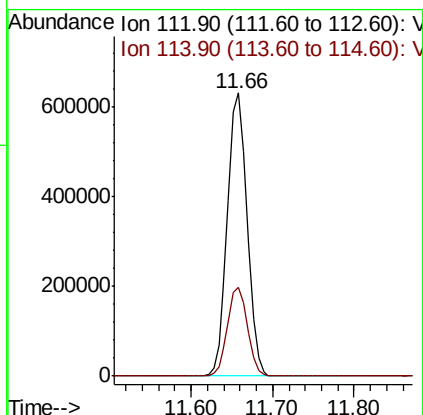
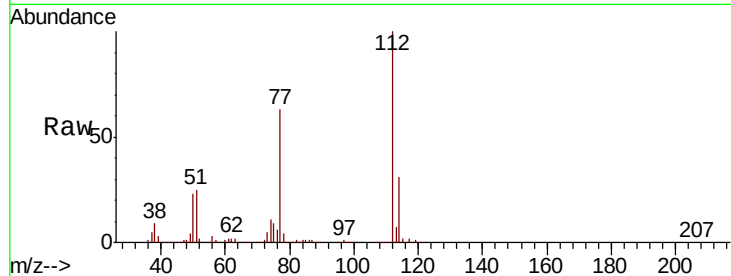




#65
Chlorobenzene
Concen: 148.993 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

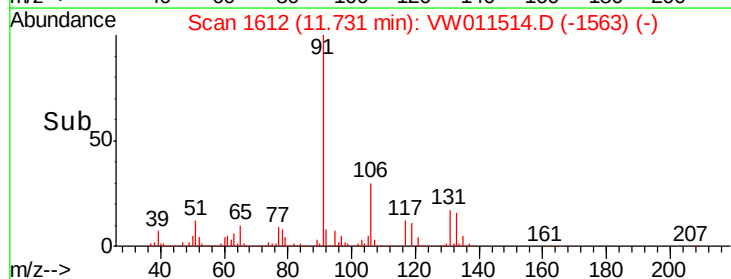
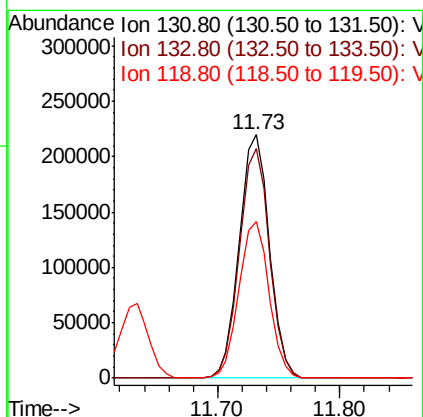
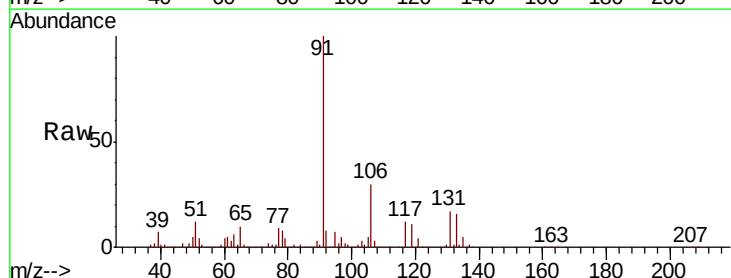
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

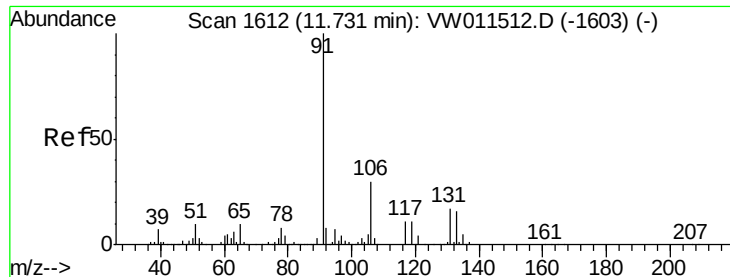
Tot Ion:112 Resp: 1048028
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 152.943 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion:131 Resp: 374731
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.2
119 64.6 32.3 96.9

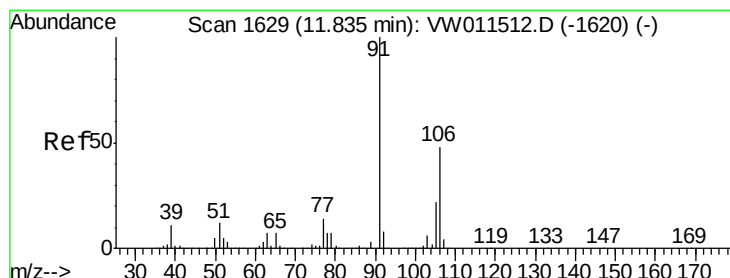
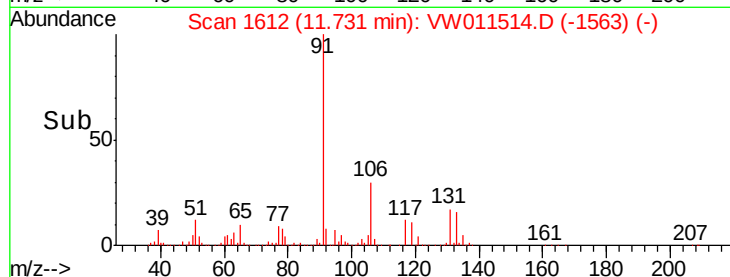
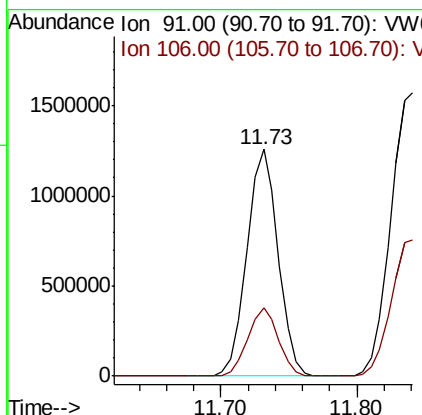
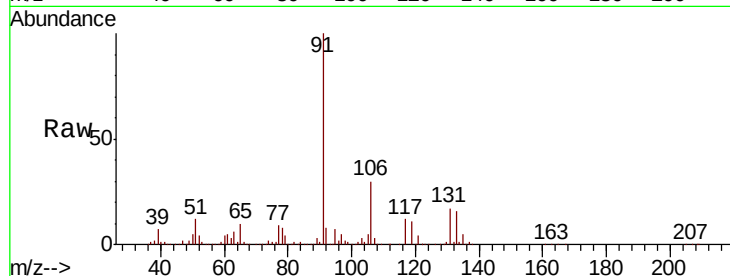




#67
Ethyl Benzene
Concen: 150.555 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

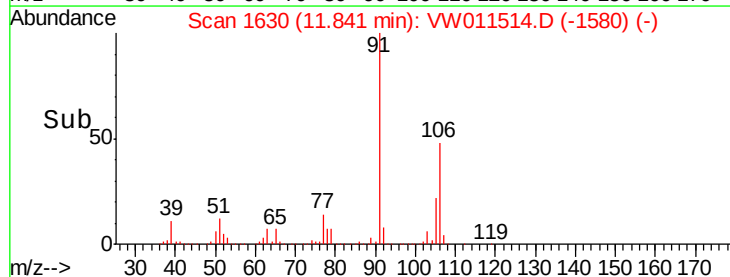
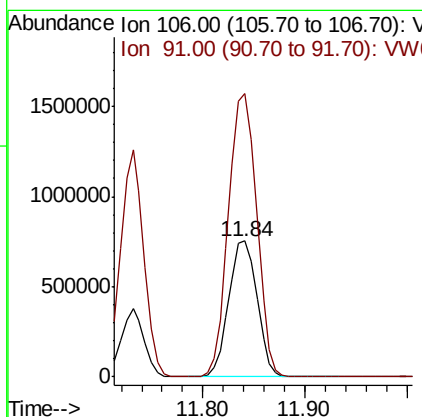
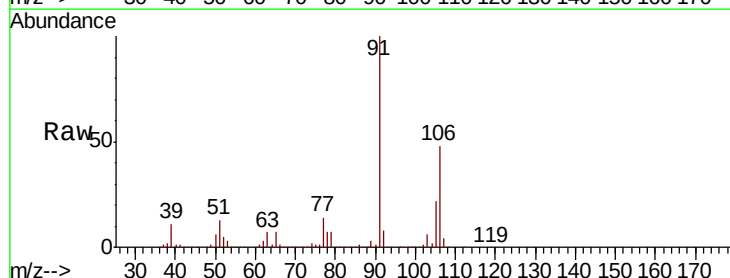
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

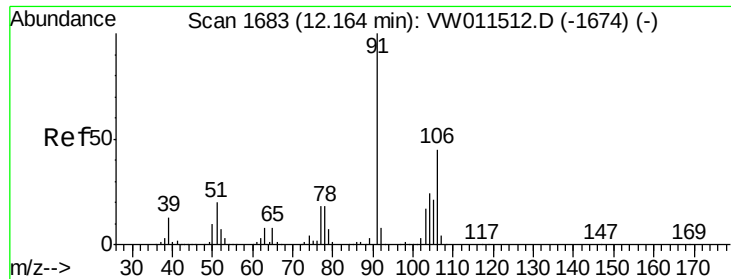
Tot Ion: 91 Resp: 2016948
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 296.873 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 106 Resp: 1446361
Ion Ratio Lower Upper
106 100
91 208.7 168.2 252.2

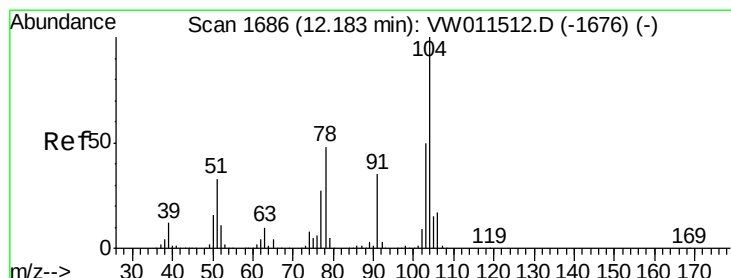
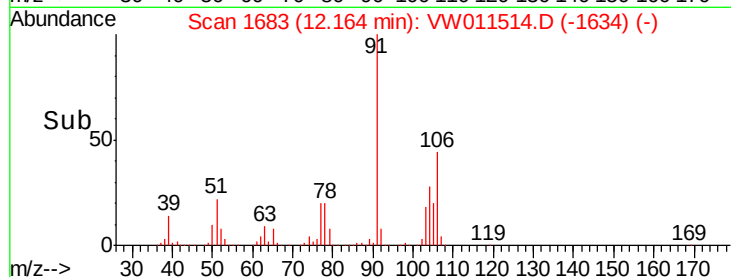
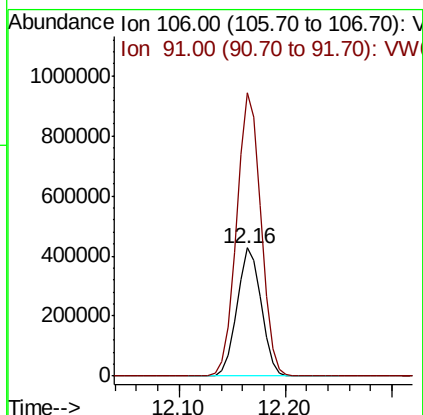
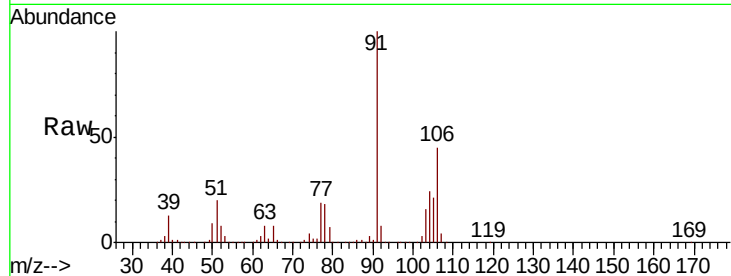




#69
o-Xylene
Concen: 150.606 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

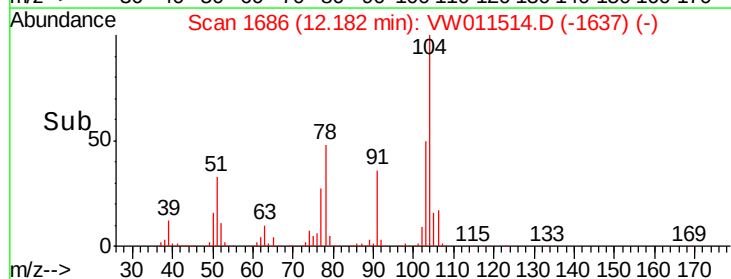
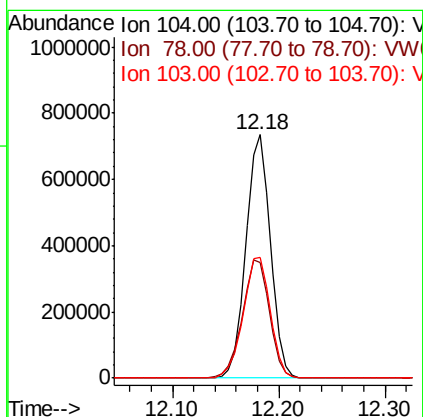
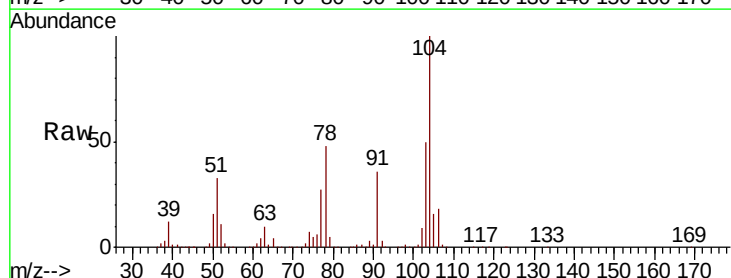
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

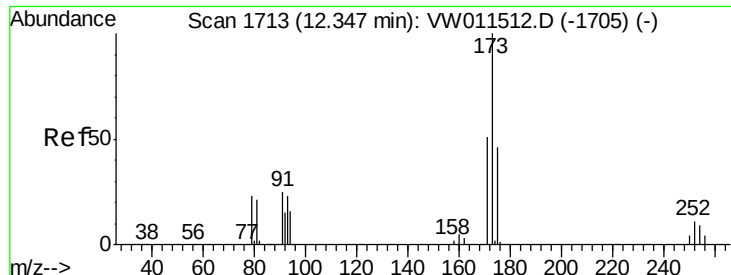
Tot Ion:106 Resp: 681844
Ion Ratio Lower Upper
106 100
91 221.7 110.5 331.5



#70
Styrene
Concen: 152.124 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion:104 Resp: 1190800
Ion Ratio Lower Upper
104 100
78 54.0 43.4 65.0
103 54.8 43.9 65.9





#71

Bromoform

Concen: 158.869 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

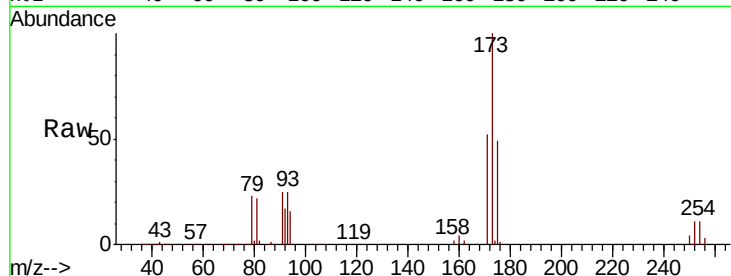
Tot Ion:173 Resp: 198465

Ion Ratio Lower Upper

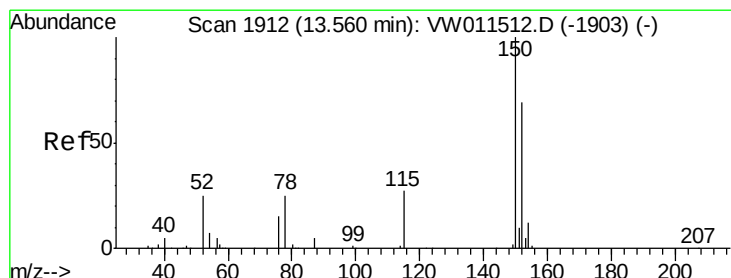
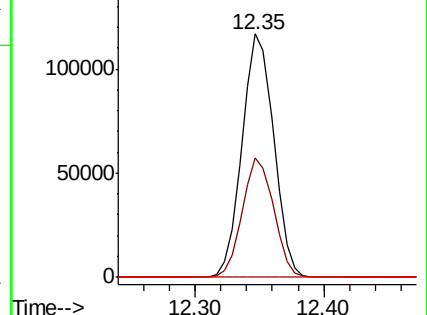
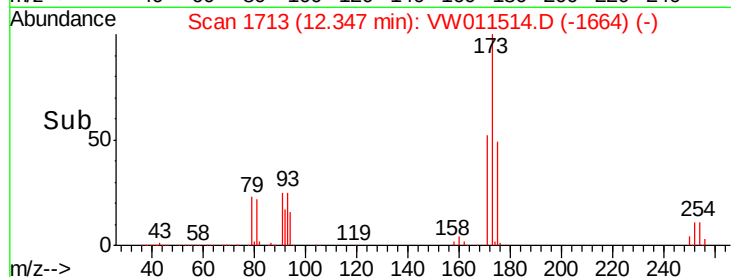
173 100

175 48.7 23.6 71.0

254 0.2 0.1 0.1#



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: VW011514.D

Acq: 26 Jul 2019 13:44

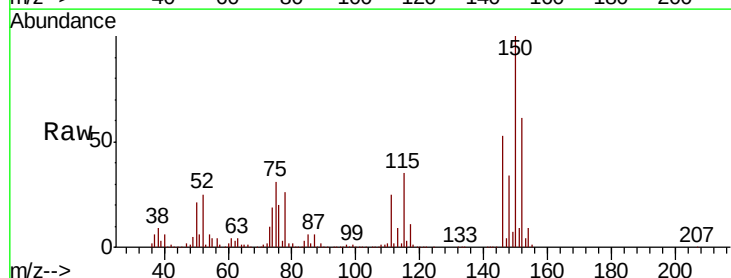
Tgt Ion:152 Resp: 164378

Ion Ratio Lower Upper

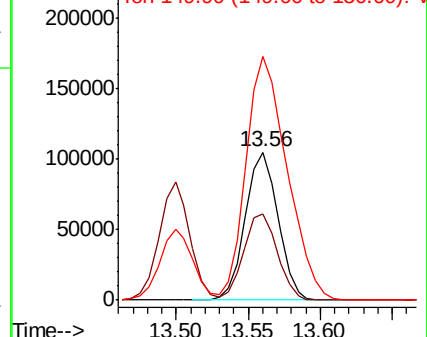
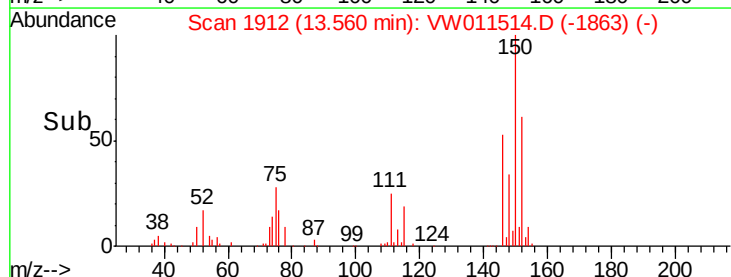
152 100

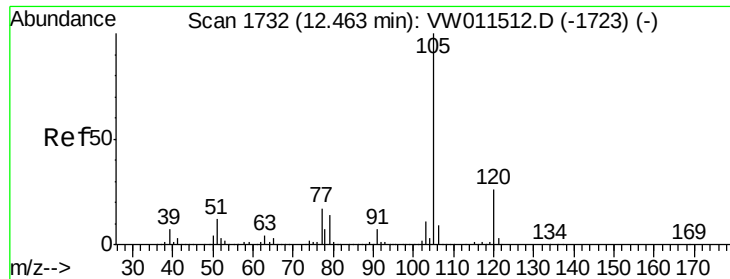
115 59.9 30.5 91.5

150 206.6 0.0 352.6



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: 151.604 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

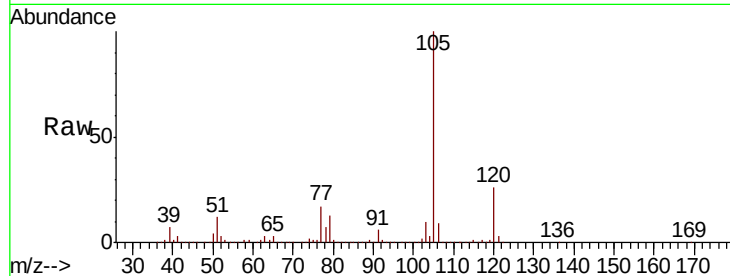
VSTDIC150

Tot Ion:105 Resp: 1859111

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

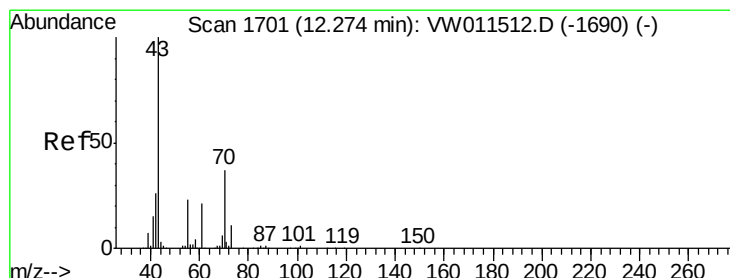
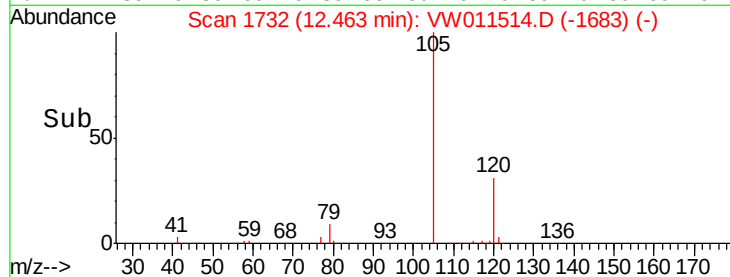
1000000

500000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 162.516 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Tgt Ion: 43 Resp: 623938

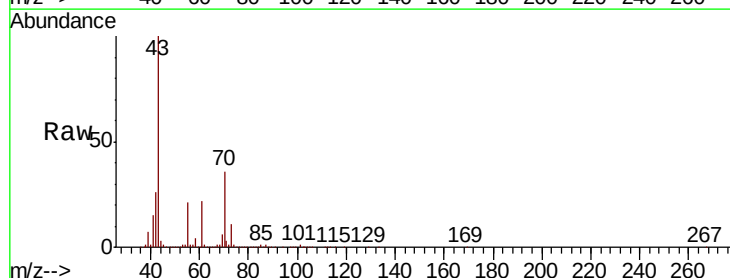
Ion Ratio Lower Upper

43 100

70 36.0 28.6 43.0

55 21.8 17.8 26.8

61 21.7 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

600000

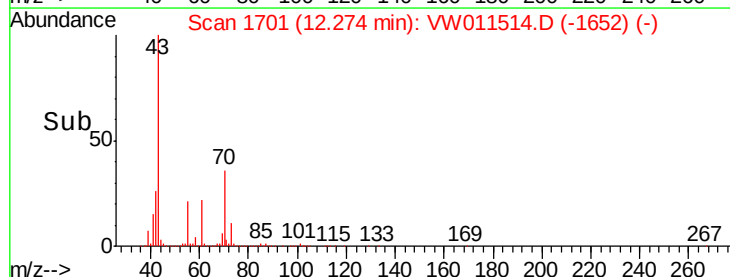
400000

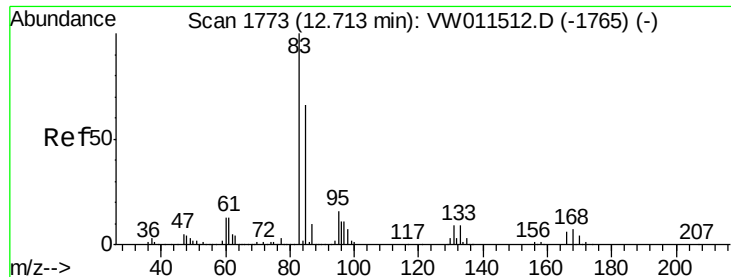
200000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 152.432 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

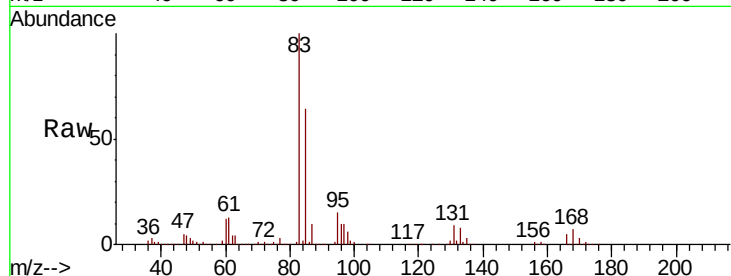
Tot Ion: 83 Resp: 351609

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	63.9	31.8	95.4

83 100

131 9.9 4.9 14.6

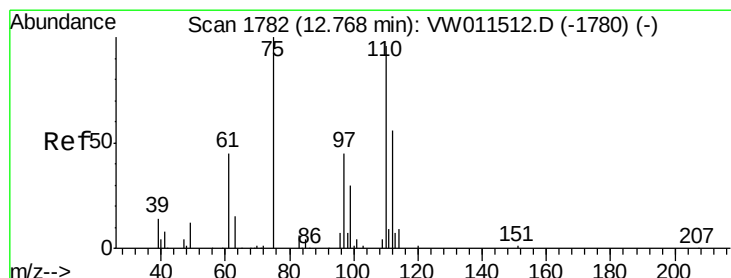
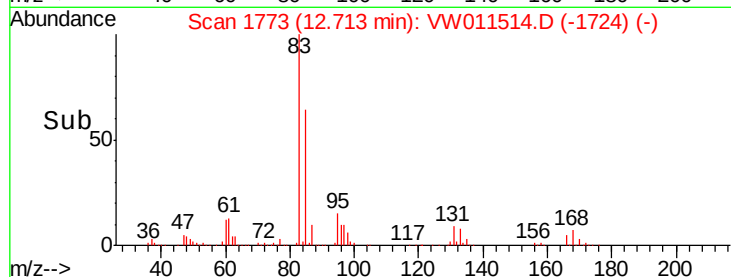
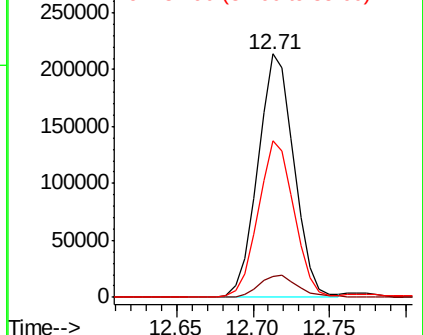
85 63.9 31.8 95.4



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: 274.417 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011514.D

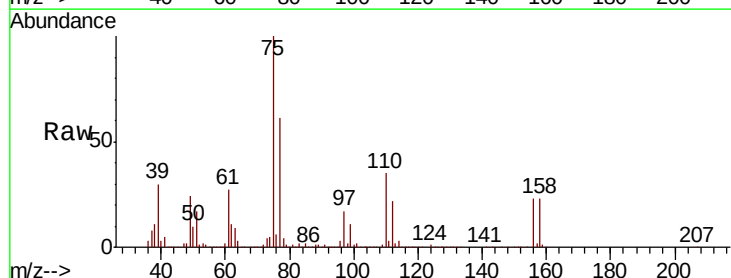
Acq: 26 Jul 2019 13:44

Tgt Ion: 75 Resp: 478876

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

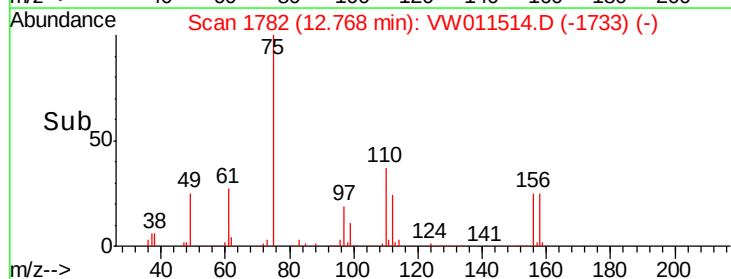
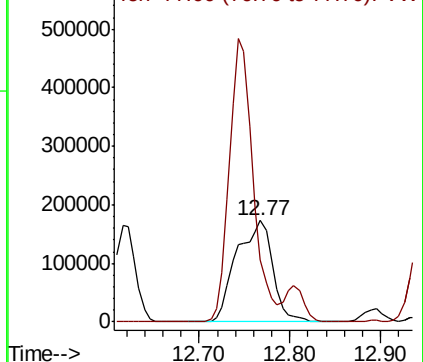
75 100

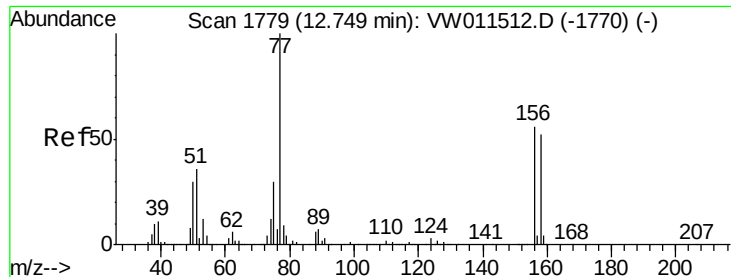
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

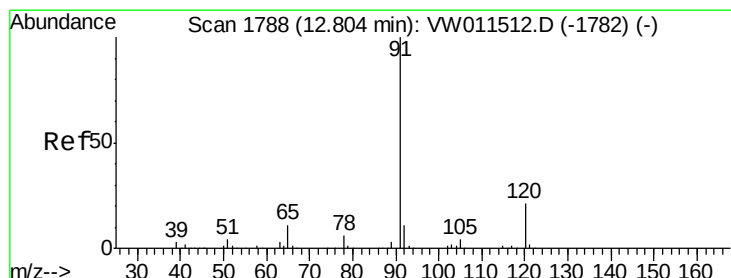
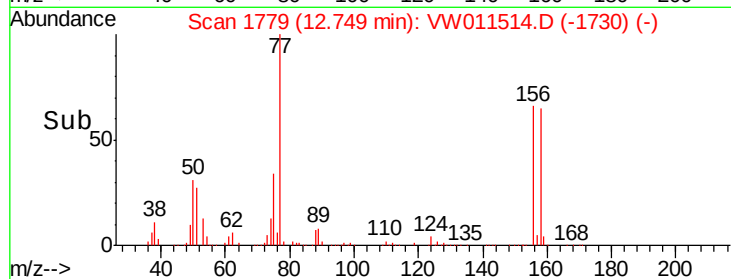
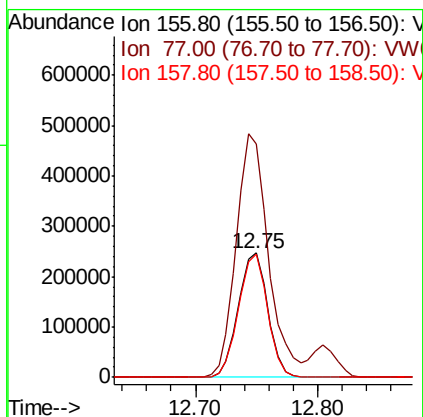
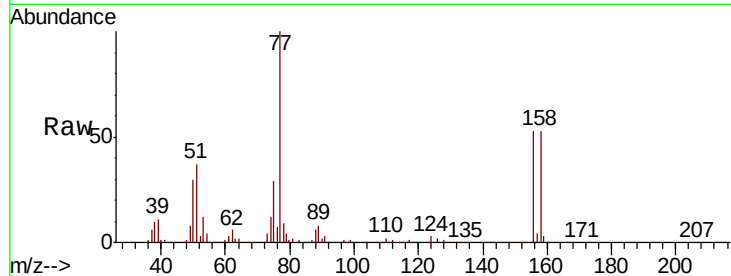




#77
Bromobenzene
Concen: 151.906 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

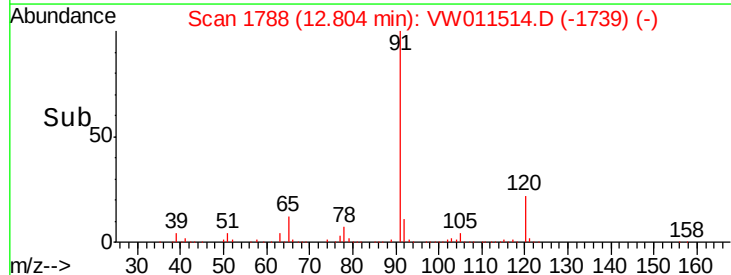
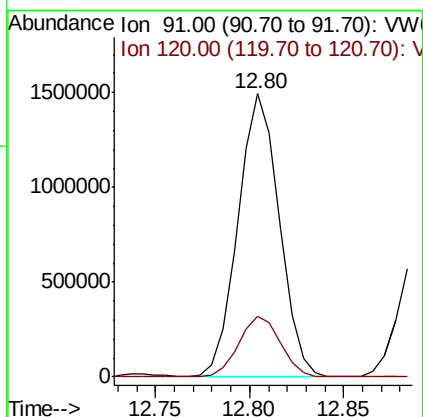
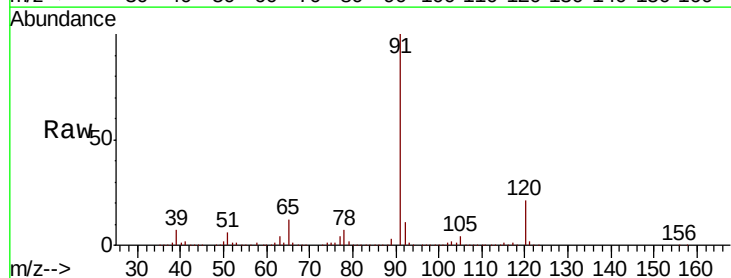
Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

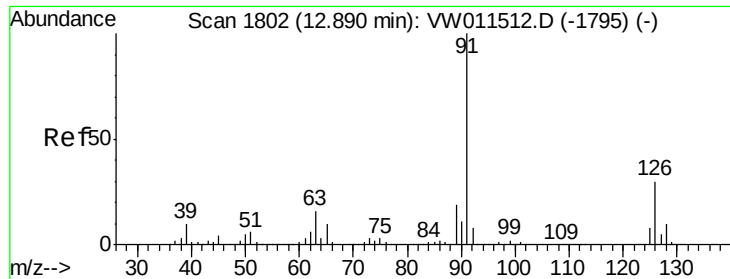
Tot Ion:156 Resp: 411741
Ion Ratio Lower Upper
156 100
77 214.3 106.5 319.4
158 97.7 48.0 144.2



#78
n-propylbenzene
Concen: 151.811 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion: 91 Resp: 2265647
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





#79

2-Chlorotoluene

Concen: 151.250 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

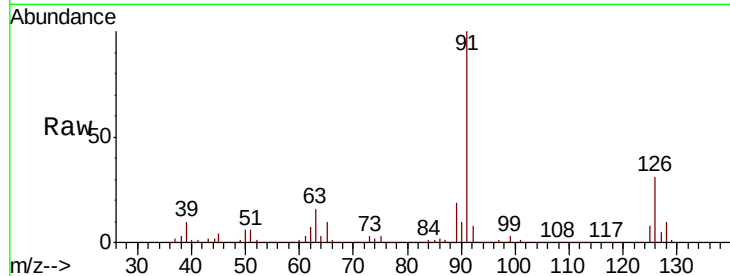
VSTDIC150

Tot Ion: 91 Resp: 1300423

Ion Ratio Lower Upper

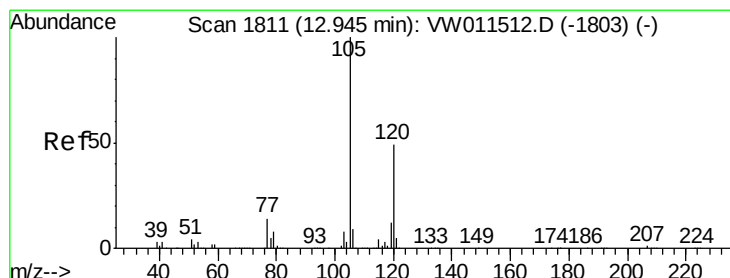
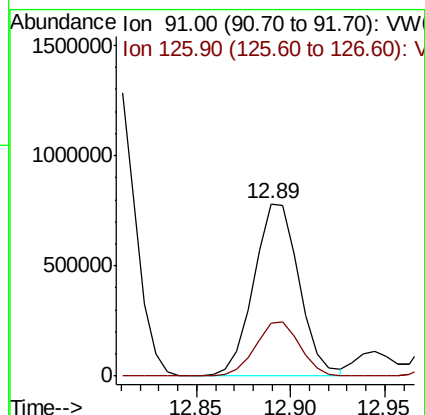
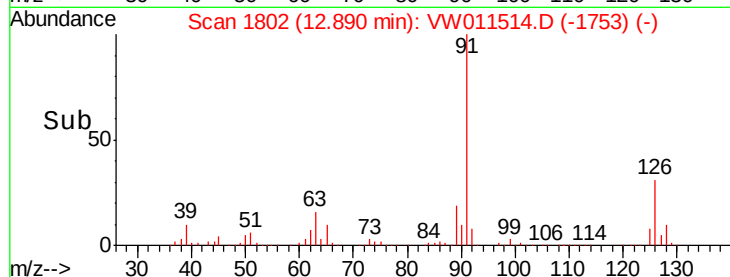
91 100

126 31.0 15.7 47.1



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: 151.209 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011514.D

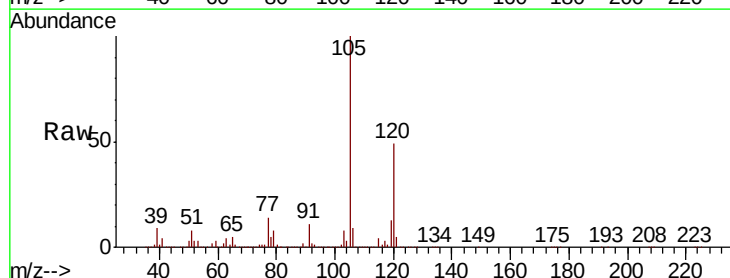
Acq: 26 Jul 2019 13:44

Tgt Ion:105 Resp: 1554345

Ion Ratio Lower Upper

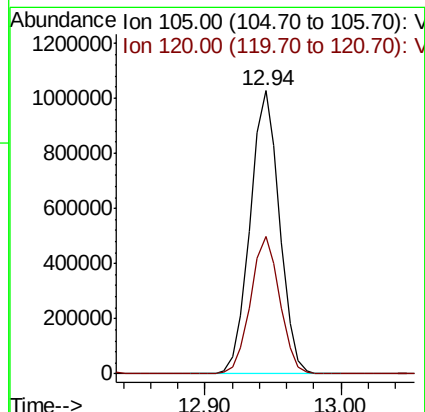
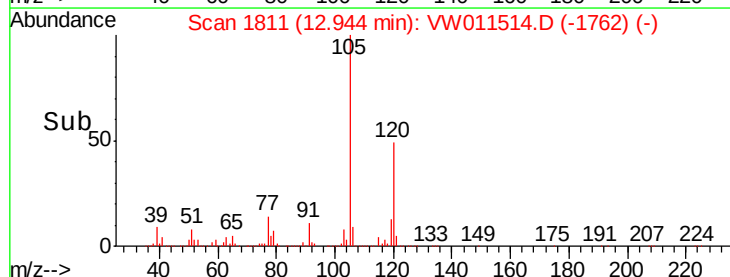
105 100

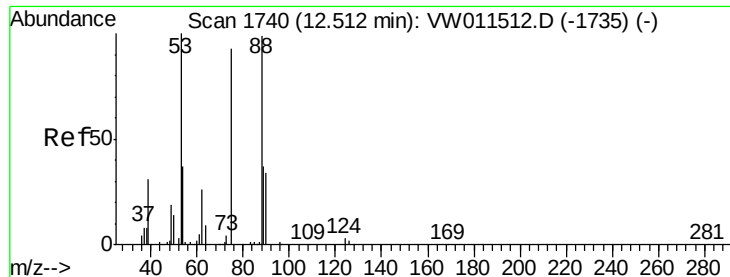
120 48.2 24.1 72.3



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: 170.084 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

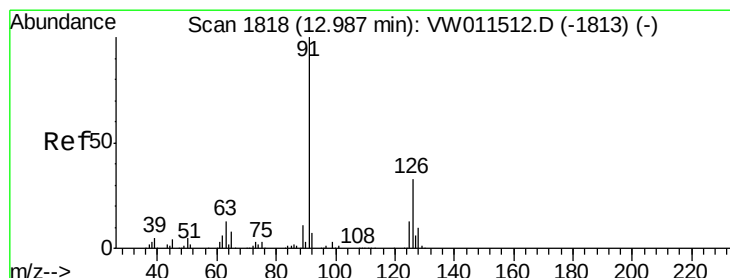
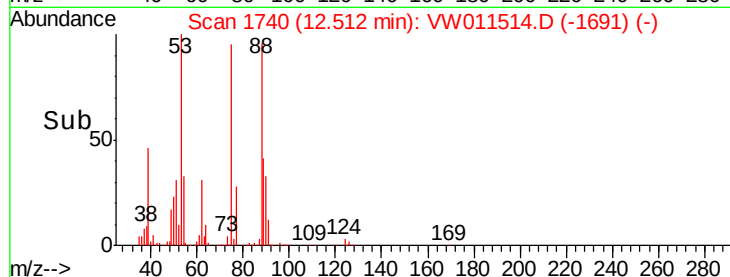
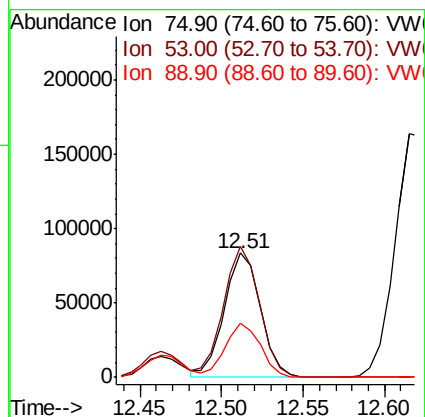
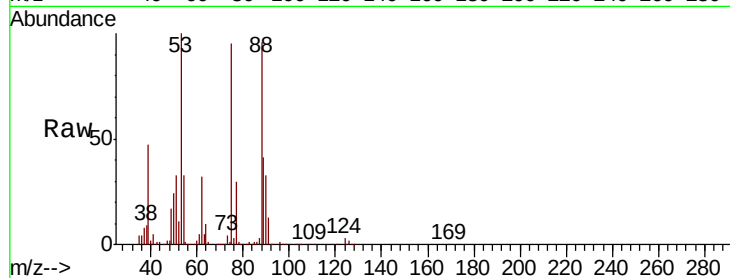
Tot Ion: 75 Resp: 128361

Ion Ratio Lower Upper

75 100

53 106.4 88.0 132.0

89 42.9 35.3 52.9



#82

4-Chlorotoluene

Concen: 148.918 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011514.D

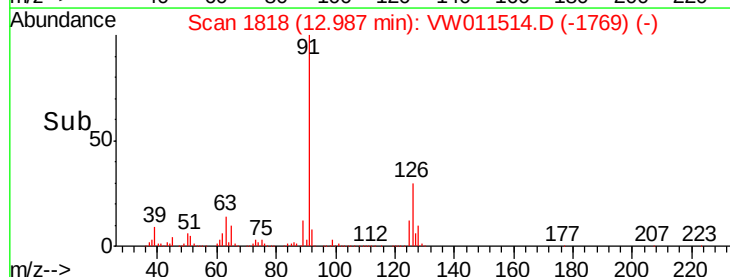
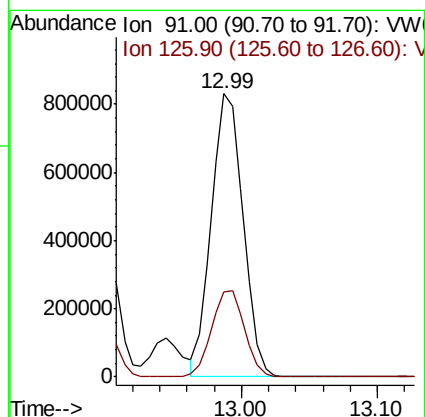
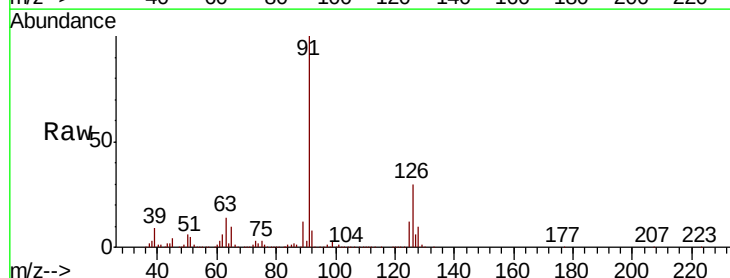
Acq: 26 Jul 2019 13:44

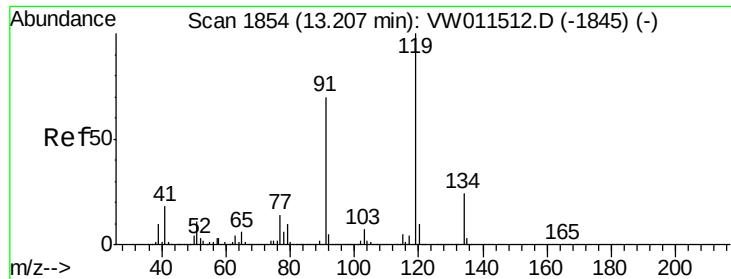
Tgt Ion: 91 Resp: 1343367

Ion Ratio Lower Upper

91 100

126 31.5 15.6 46.8

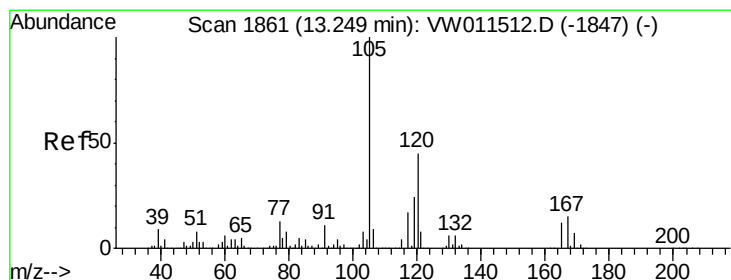
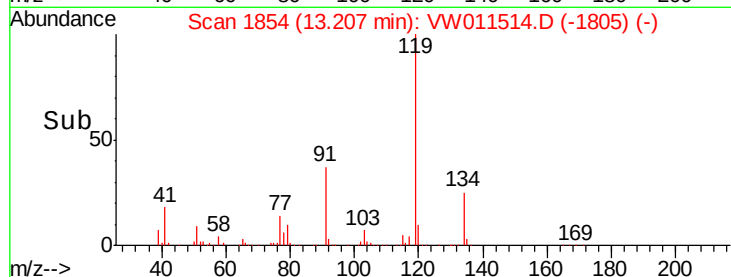
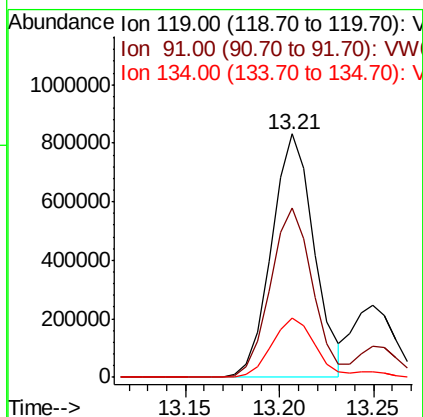
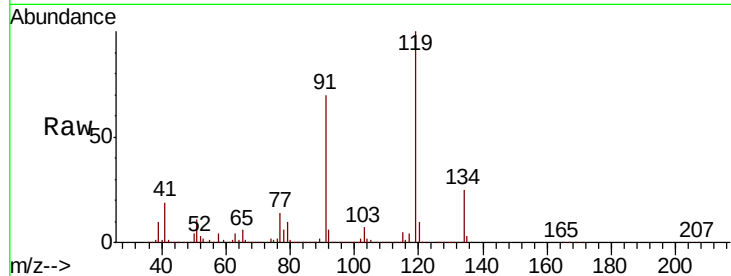




#83
tert-Butylbenzene
Concen: 151.554 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

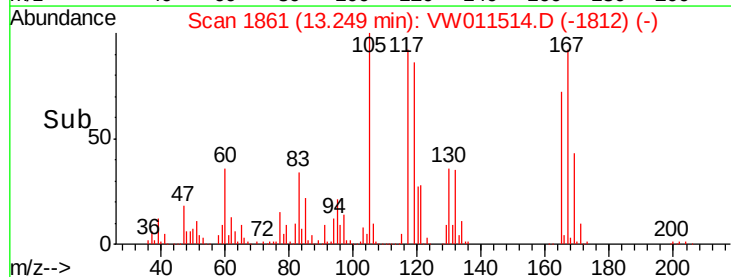
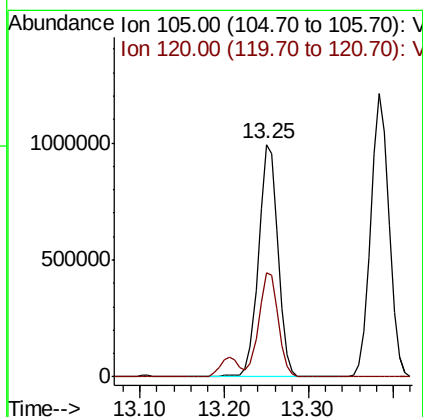
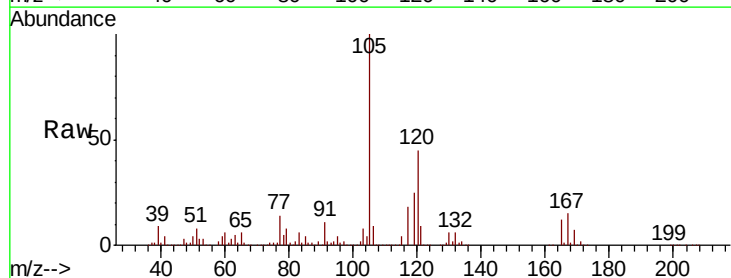
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

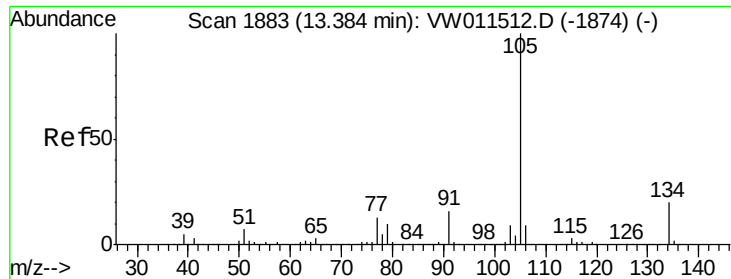
Tot Ion:119 Resp: 1302775
Ion Ratio Lower Upper
119 100
91 69.9 34.5 103.6
134 24.8 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 151.080 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion:105 Resp: 1564443
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 149.508 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampled :

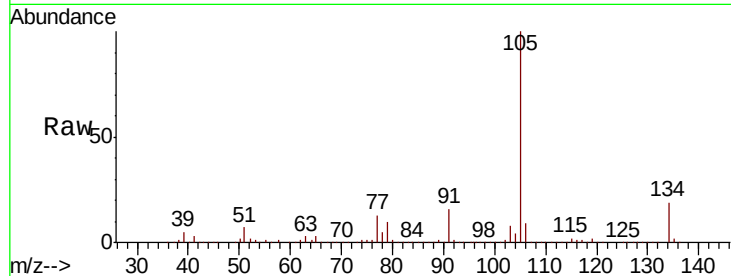
VSTDIC150

Tot Ion:105 Resp: 1833801

Ion Ratio Lower Upper

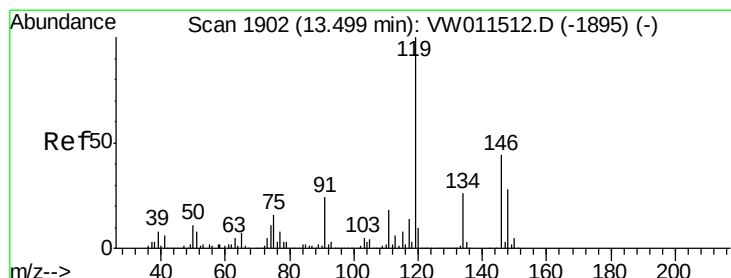
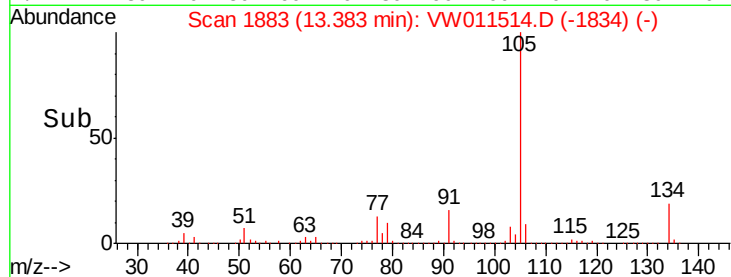
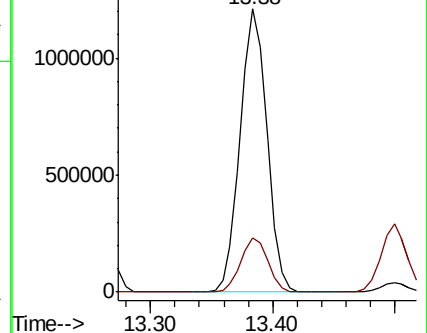
105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 150.246 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

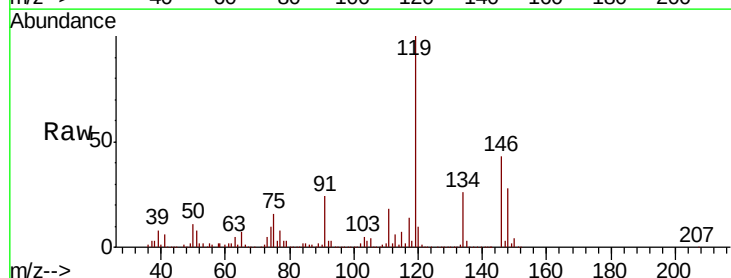
Tgt Ion:119 Resp: 1672052

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

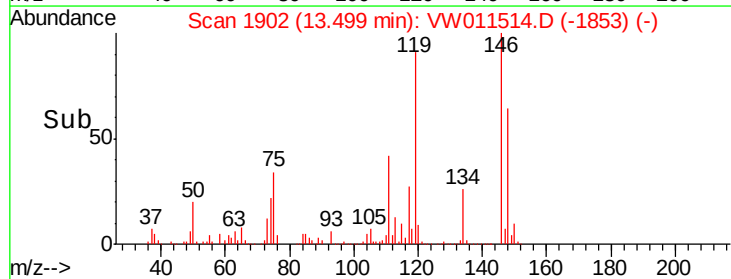
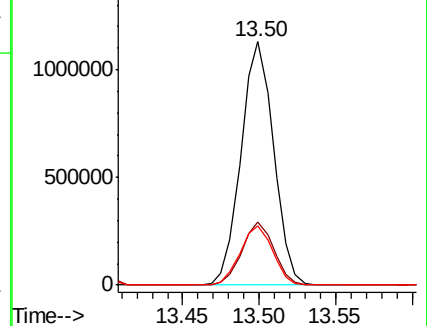
91 24.3 12.1 36.3

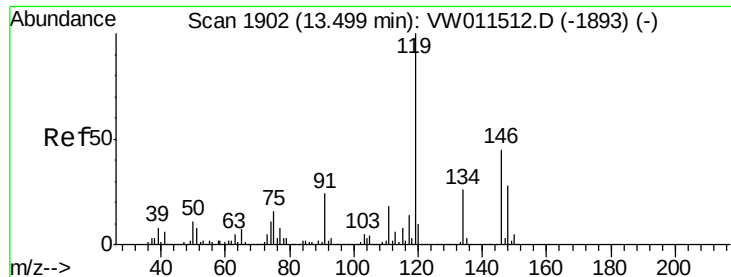


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

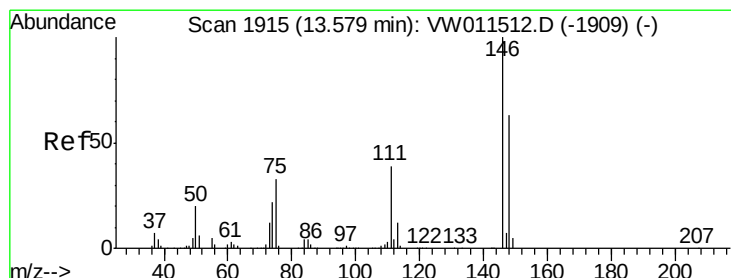
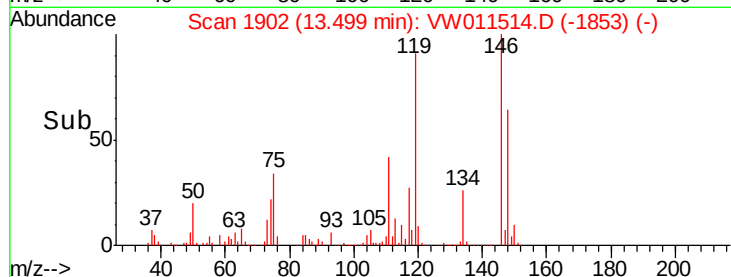
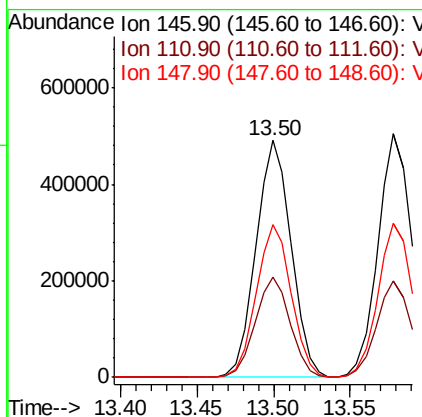
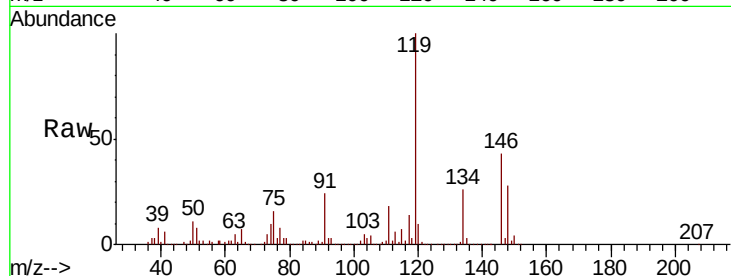




#87
 1,3-Dichlorobenzene
 Concen: 147.842 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

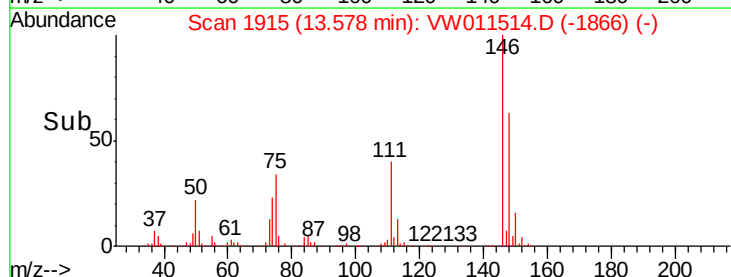
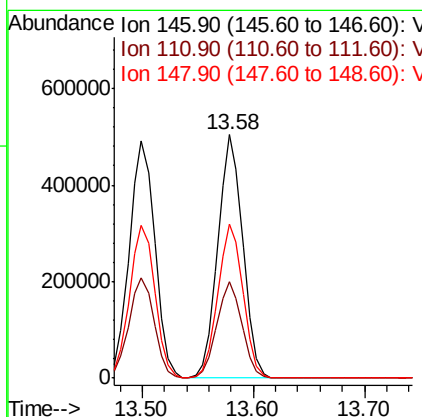
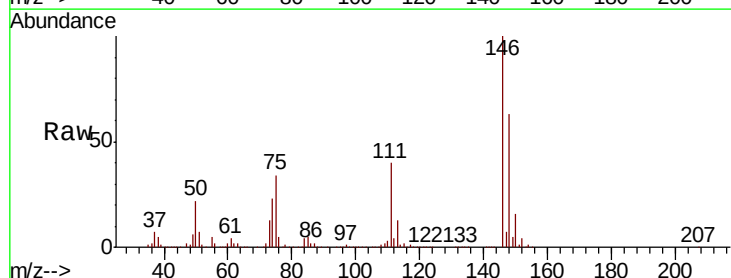
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

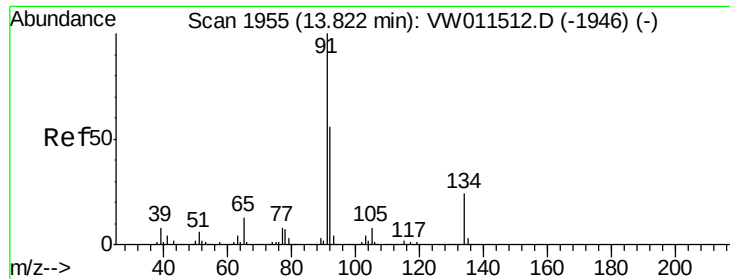
Tot Ion:146 Resp: 785734
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 147.411 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion:146 Resp: 779339
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 64.0 31.9 95.9





#89

n-Butylbenzene

Concen: 151.593 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011514.D

Acq: 26 Jul 2019 13:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

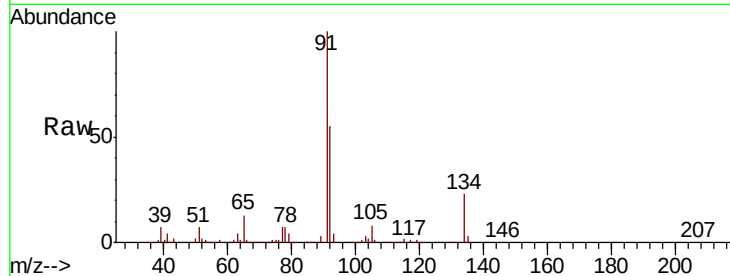
Tot Ion: 91 Resp: 1683566

Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	24.3	12.2	36.6

91 100

92 54.7 27.5 82.4

134 24.3 12.2 36.6

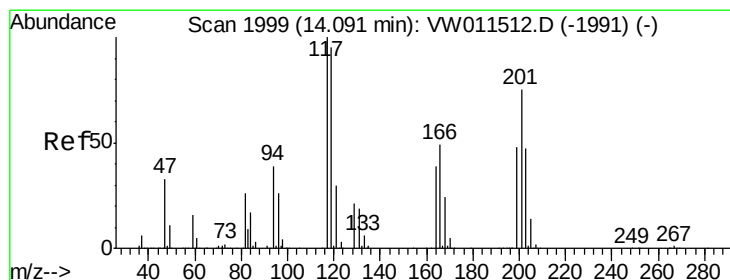
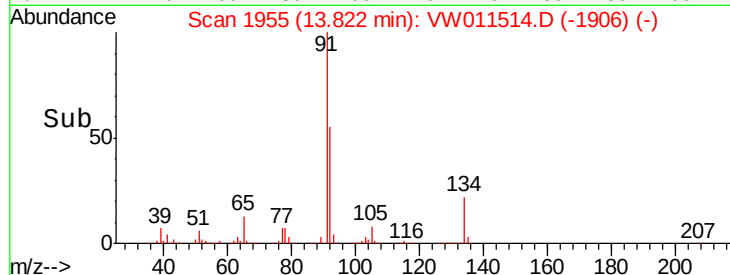
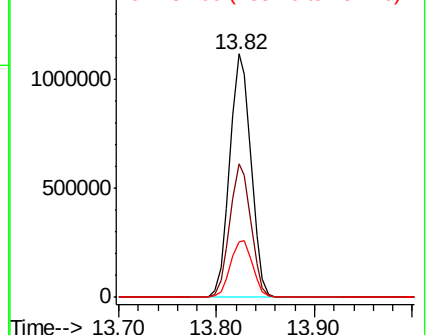


Abundance

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: 157.601 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW011514.D

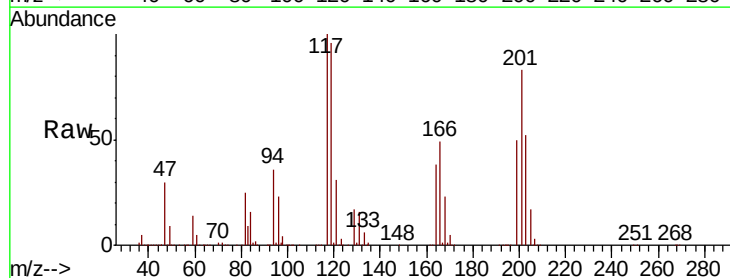
Acq: 26 Jul 2019 13:44

Tgt Ion: 117 Resp: 310140

Ion	Ratio	Lower	Upper
117	100		
201	79.0	39.4	118.2

117 100

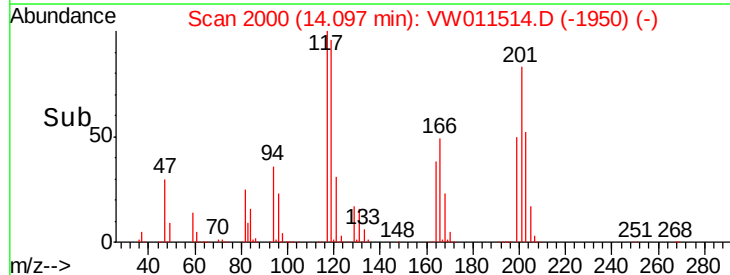
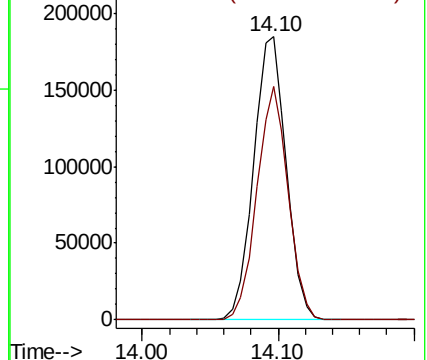
201 79.0 39.4 118.2

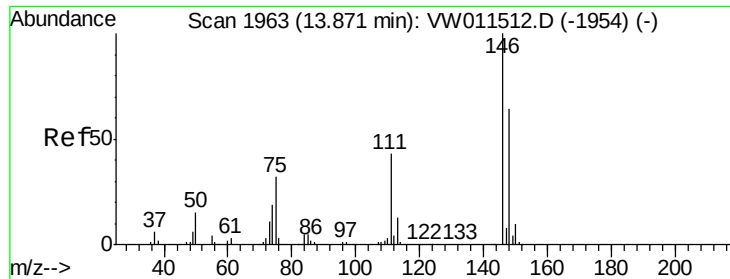


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

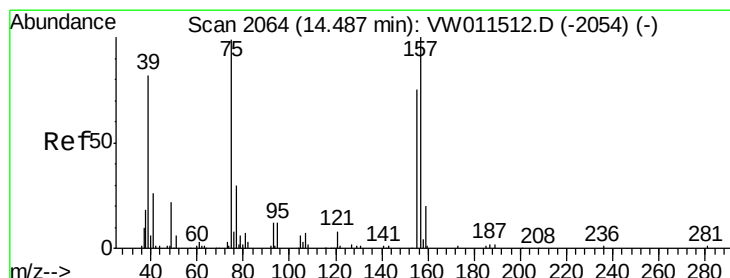
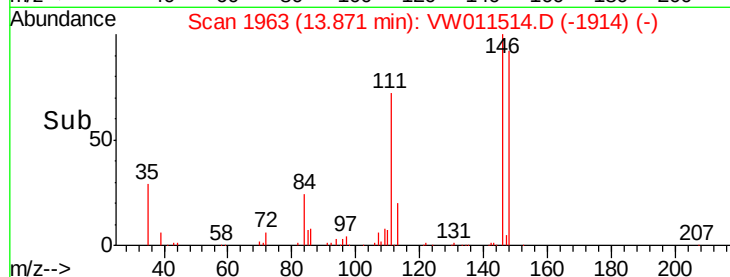
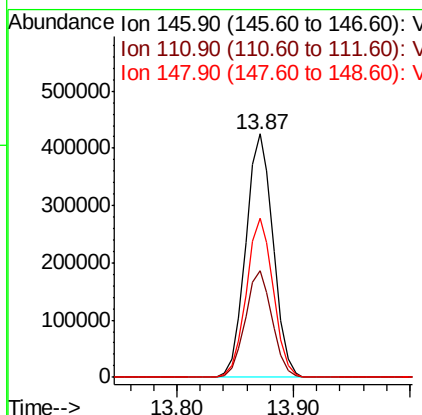
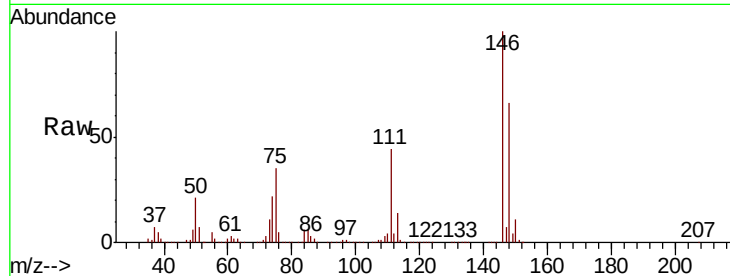




#91
 1,2-Dichlorobenzene
 Concen: 148.128 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

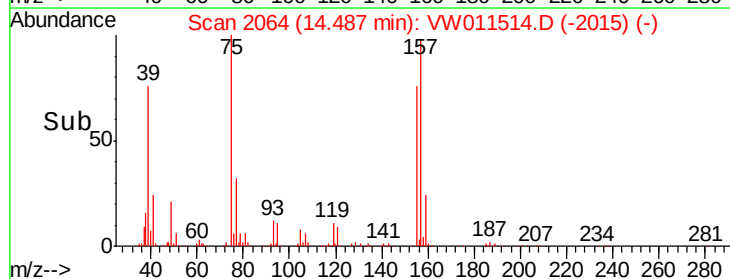
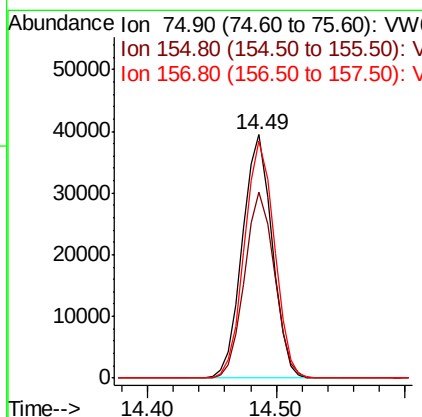
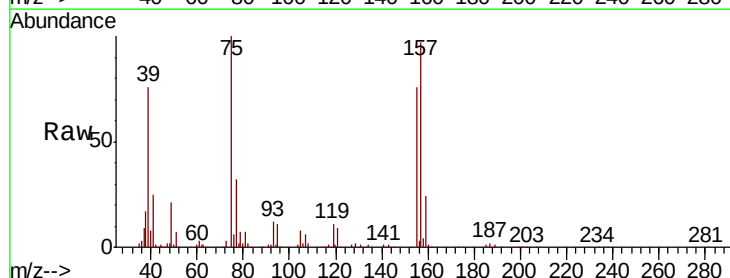
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

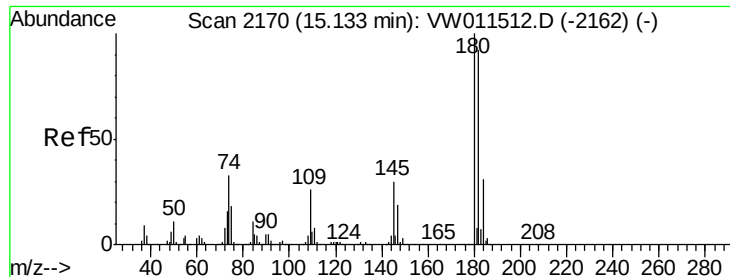
Tot Ion:146 Resp: 696287
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 65.0
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 160.548 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion: 75 Resp: 63151
 Ion Ratio Lower Upper
 75 100
 155 76.5 38.2 114.6
 157 97.8 48.9 146.7

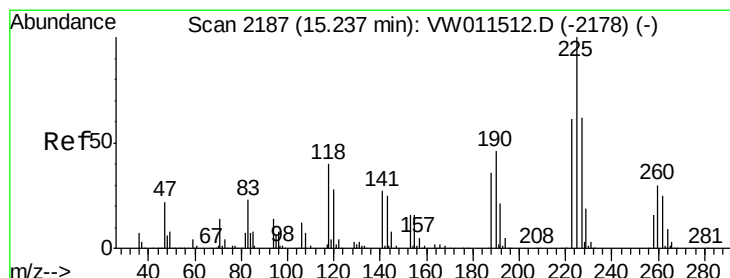
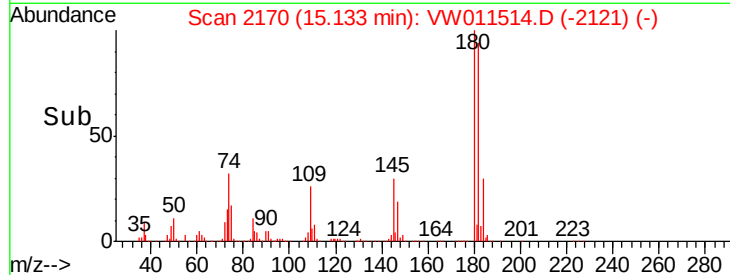
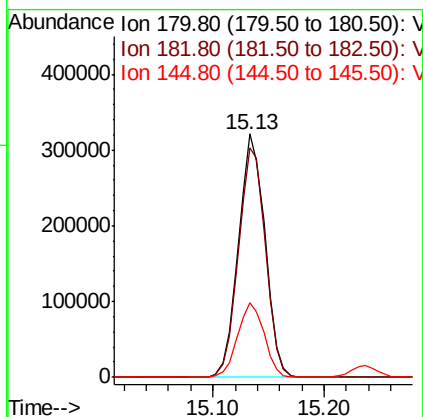
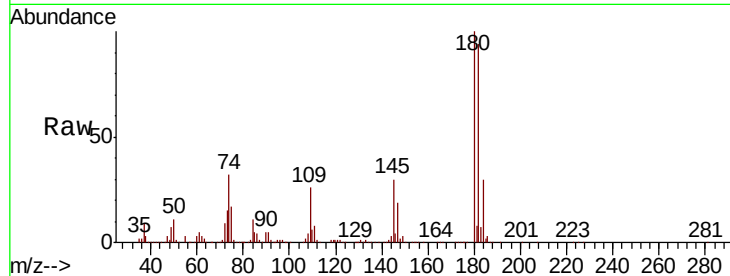




#93
 1,2,4-Trichlorobenzene
 Concen: 159.538 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

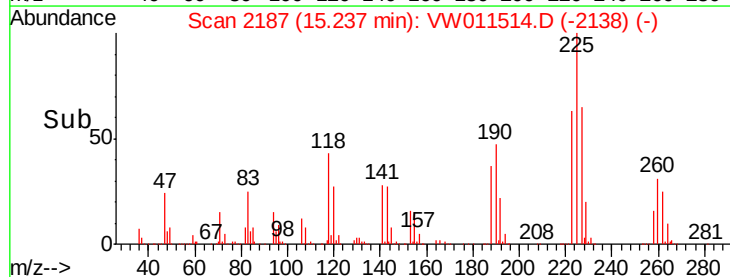
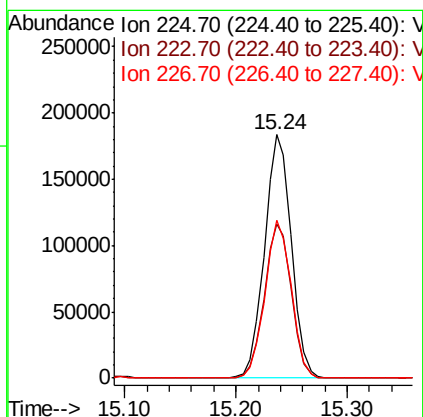
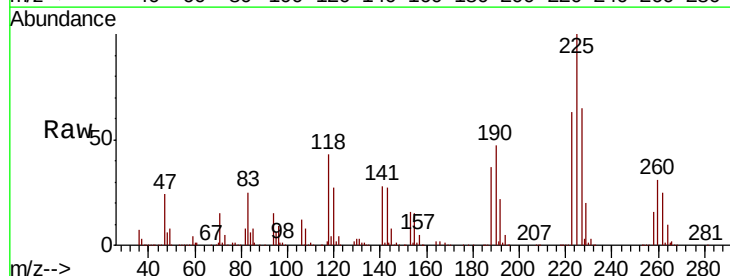
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

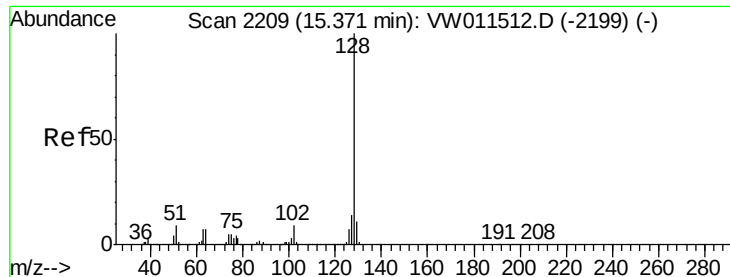
Tot Ion:180 Resp: 528524
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 30.6 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 148.609 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011514.D
 Acq: 26 Jul 2019 13:44

Tgt Ion:225 Resp: 307019
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.8 92.3
 227 63.9 31.6 94.7

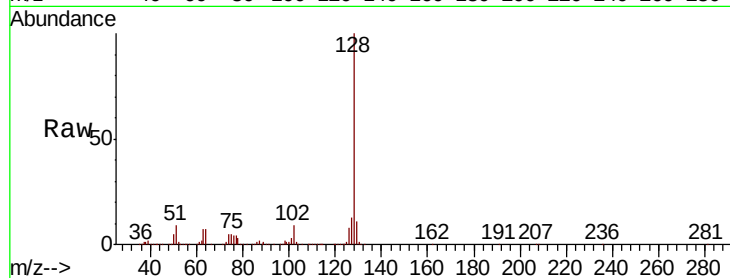




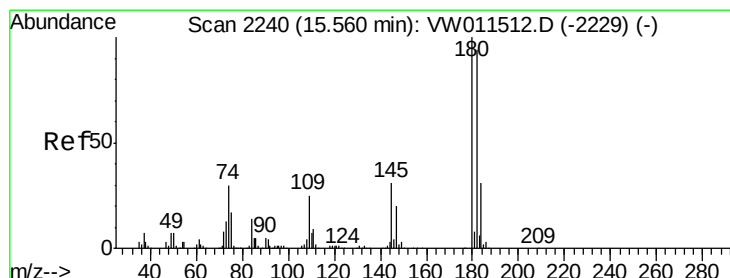
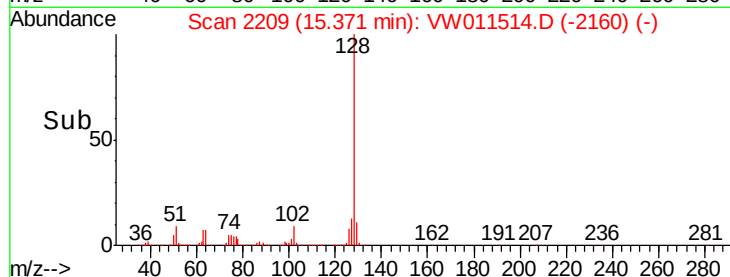
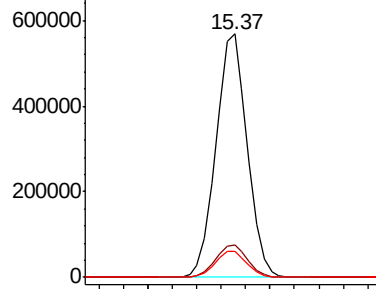
#95
Naphthalene
Concen: 171.376 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 1006603
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.6 13.0

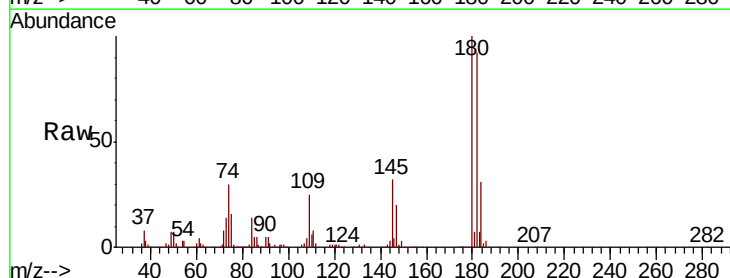


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 160.212 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011514.D
Acq: 26 Jul 2019 13:44

Tgt Ion:180 Resp: 465240
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 32.2 15.9 47.7



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

