

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010664.D
 Acq On : 03 Jun 2019 17:22
 Operator : SY/VA
 Sample : K3010-04MS
 Misc : 6.67G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 07:39:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	108911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	56595	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	7.88	113	55766	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	10.32	98	207853	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	78630	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	44831	46.183	ug/l	96
3) Chloromethane	2.22	50	47093	41.154	ug/l	99
4) Vinyl Chloride	2.35	62	55395	41.793	ug/l	100
5) Bromomethane	2.75	94	40007	43.874	ug/l	90
6) Chloroethane	2.90	64	37442	44.004	ug/l	99
7) Trichlorofluoromethane	3.25	101	101476	51.856	ug/l	98
8) Diethyl Ether	3.68	74	32664	52.657	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61327	50.889	ug/l	96
10) Methyl Iodide	4.27	142	51068	37.074	ug/l	97
11) Tert butyl alcohol	5.18	59	42407	419.389	ug/l	98
12) 1,1-Dichloroethene	4.04	96	58028	50.442	ug/l	93
13) Acrolein	3.89	56	7126	108.299	ug/l	100
14) Allyl chloride	4.67	41	79720	47.875	ug/l	97
15) Acrylonitrile	5.37	53	87935	338.487	ug/l	99
16) Acetone	4.12	43	86567	377.259	ug/l	100
17) Carbon Disulfide	4.37	76	148699	43.336	ug/l	100
18) Methyl Acetate	4.67	43	151064	269.179	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	160443	54.708	ug/l	99
20) Methylene Chloride	4.92	84	64916	48.014	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	65733	49.816	ug/l	96
22) Diisopropyl ether	6.31	45	157477	46.121	ug/l	95
23) Vinyl Acetate	6.31	43	78652	38.563	ug/l #	68
24) 1,1-Dichloroethane	6.22	63	101467	49.798	ug/l	98
25) 2-Butanone	7.17	43	113951	347.006	ug/l	99
26) 2,2-Dichloropropane	7.17	77	91838	47.318	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	72894	50.813	ug/l	97
28) Bromochloromethane	7.51	49	39587	54.265	ug/l	90
29) Tetrahydrofuran	7.52	42	76347	343.582	ug/l	97
30) Chloroform	7.68	83	110143	50.115	ug/l	100
31) Cyclohexane	7.95	56	92840	43.498	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	106956	50.917	ug/l	98
36) 1,1-Dichloropropene	8.08	75	86439	51.308	ug/l	98
37) Ethyl Acetate	7.25	43	38232	53.365	ug/l	97
38) Carbon Tetrachloride	8.07	117	95290	52.433	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105209	46.612	ug/l	97
40) Benzene	8.32	78	246699	52.684	ug/l	99
41) Methacrylonitrile	7.48	41	25830	60.679	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72770	54.374	ug/l	99
43) Isopropyl Acetate	8.43	43	77393	54.074	ug/l	99
44) Trichloroethene	9.09	130	74858	53.849	ug/l	99
45) 1,2-Dichloropropane	9.37	63	57148	51.387	ug/l	100
46) Dibromomethane	9.46	93	36991	56.876	ug/l	94
47) Bromodichloromethane	9.65	83	83128	50.862	ug/l	97
48) Methyl methacrylate	9.44	41	47534	72.595	ug/l	98
49) 1,4-Dioxane	9.45	88	20073	1889.334	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	248270	342.324	ug/l	99
52) Toluene	10.39	92	168990	53.738	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	83664	50.544	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	97588	51.623	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	54883	58.682	ug/l	99
56) Ethyl methacrylate	10.65	69	56460	43.772	ug/l	97
57) 1,3-Dichloropropane	10.93	76	89904	57.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	168727	295.327	ug/l	97
59) 2-Hexanone	10.97	43	175990	340.173	ug/l	99
60) Dibromochloromethane	11.13	129	65421	55.270	ug/l	98
61) 1,2-Dibromoethane	11.24	107	56286	59.411	ug/l	98
64) Tetrachloroethene	10.86	164	59561	53.493	ug/l	94
65) Chlorobenzene	11.66	112	180635	53.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	66116	54.219	ug/l	99
67) Ethyl Benzene	11.73	91	310009	51.581	ug/l	98
68) m/p-Xylenes	11.84	106	244874	103.877	ug/l	99
69) o-Xylene	12.17	106	116092	51.978	ug/l	97
70) Styrene	12.18	104	186353	49.175	ug/l	100
71) Bromoform	12.35	173	39504	58.828	ug/l #	100
73) Isopropylbenzene	12.46	105	307295	51.406	ug/l	100
74) N-amyl acetate	12.27	43	8642	6.309	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	67859	62.411	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	86167	112.686	ug/l #	15
77) Bromobenzene	12.75	156	76495	57.182	ug/l	97
78) n-propylbenzene	12.80	91	339978	48.802	ug/l	99
79) 2-Chlorotoluene	12.90	91	201731	49.934	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	249158	49.213	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	20671	56.418	ug/l	96
82) 4-Chlorotoluene	12.99	91	210033	50.087	ug/l	99
83) tert-Butylbenzene	13.21	119	217577	49.198	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	252311	50.037	ug/l	99
85) sec-Butylbenzene	13.38	105	285464	46.125	ug/l	99
86) p-Isopropyltoluene	13.50	119	261802	46.735	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	135244	51.531	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	136329	51.772	ug/l	99
89) n-Butylbenzene	13.83	91	221236	41.521	ug/l	99
90) Hexachloroethane	14.10	117	48324	44.568	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	125559	52.505	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13394	66.250	ug/l	94

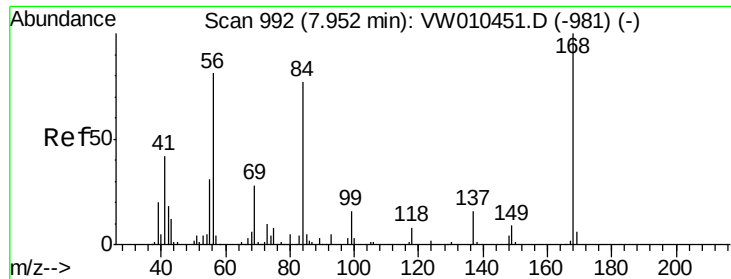
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	67936	41.754	ug/l	99
94) Hexachlorobutadiene	15.24	225	30916	35.568	ug/l	98
95) Naphthalene	15.37	128	179407	52.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57299	40.927	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

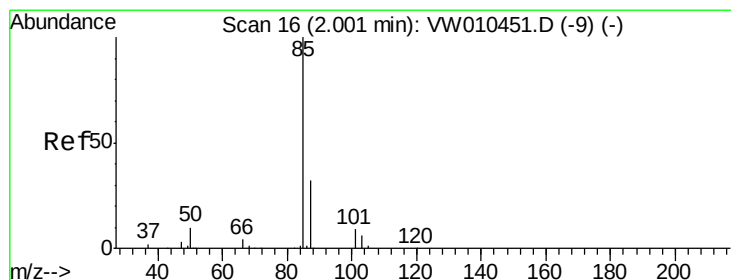
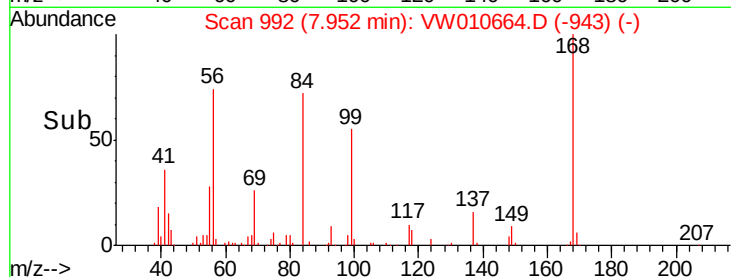
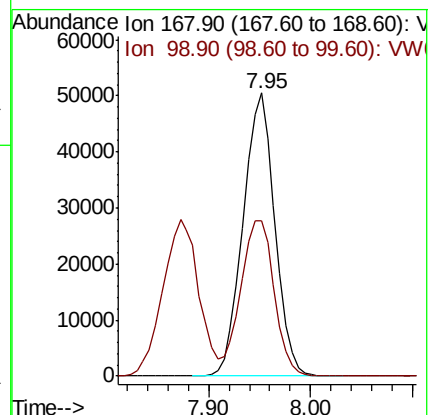
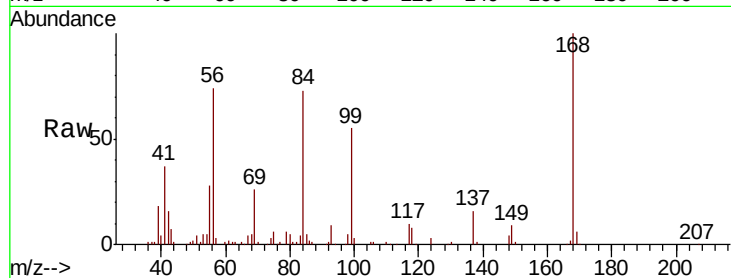
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 108911

Ion Ratio Lower Upper

168 100

99 54.8 46.1 69.1



#2

Dichlorodifluoromethane

Concen: 46.183 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW010664.D

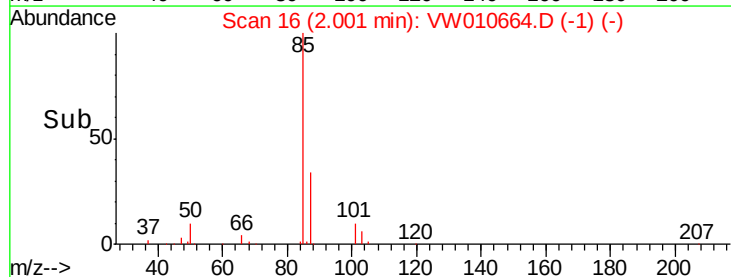
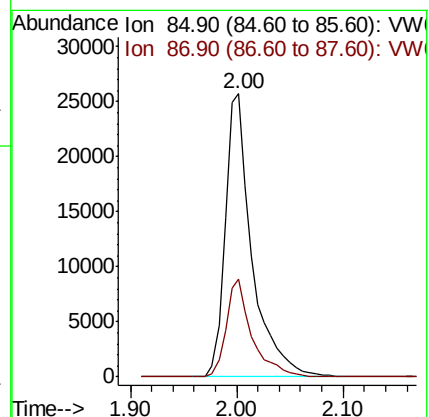
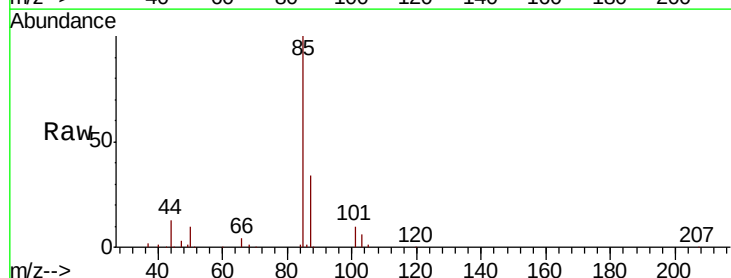
Acq: 03 Jun 2019 17:22

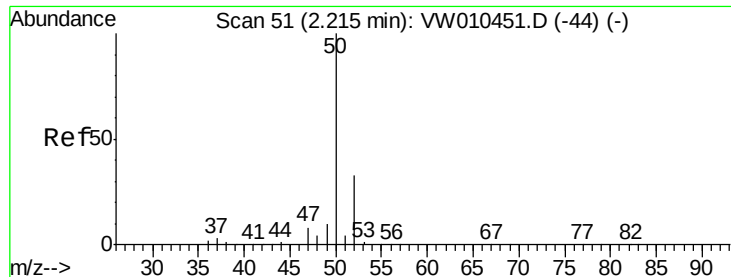
Tgt Ion: 85 Resp: 44831

Ion Ratio Lower Upper

85 100

87 34.5 16.3 48.8





#3

Chloromethane

Concen: 41.154 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

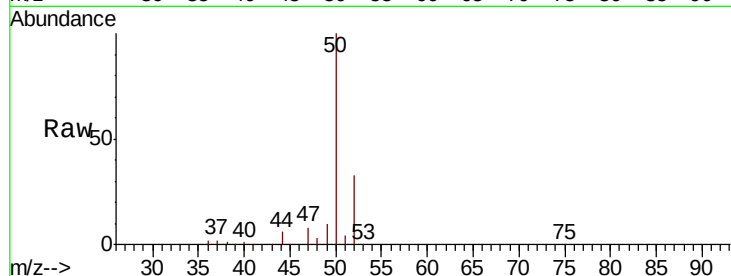
ClientSampleId :

Tot Ion: 50 Resp: 47093

Ion Ratio Lower Upper

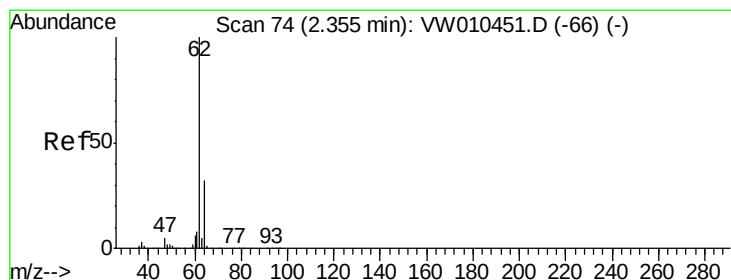
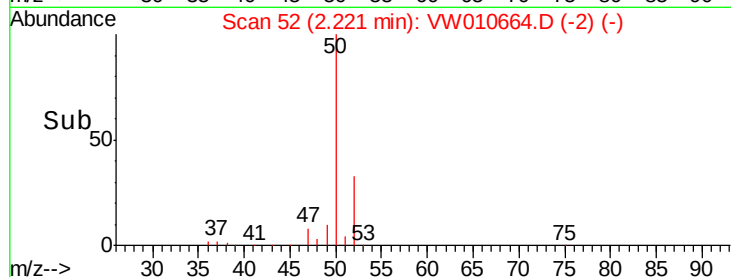
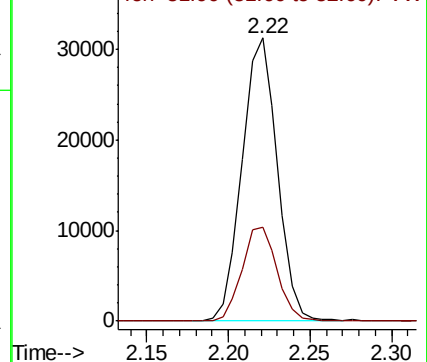
50 100

52 33.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 41.793 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010664.D

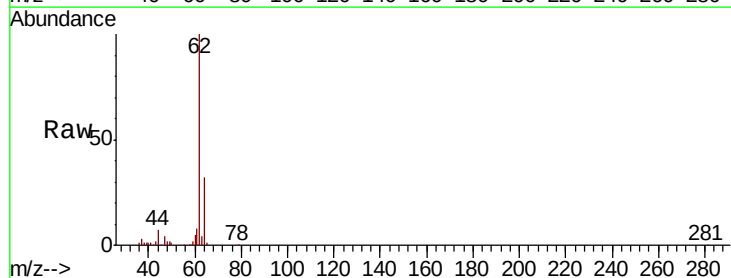
Acq: 03 Jun 2019 17:22

Tgt Ion: 62 Resp: 55395

Ion Ratio Lower Upper

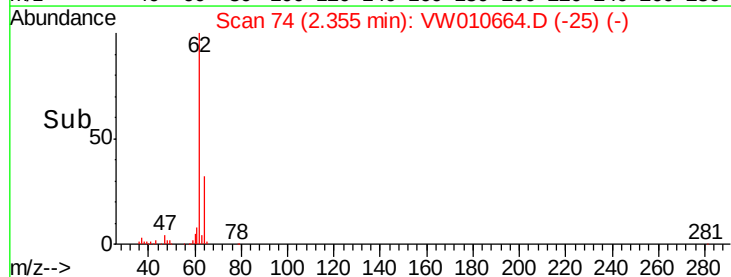
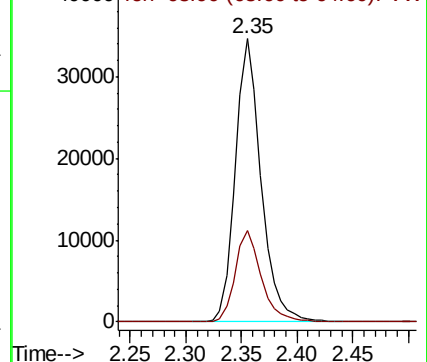
62 100

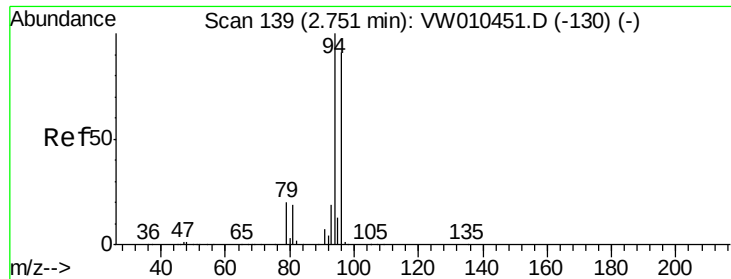
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 43.874 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

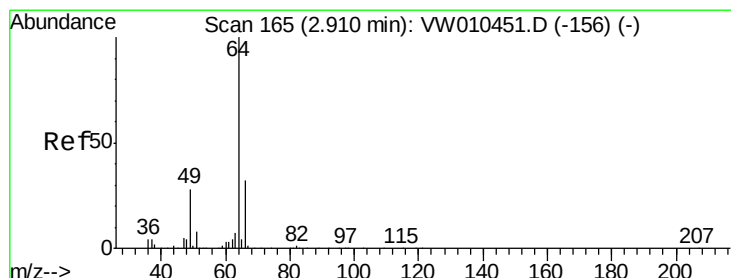
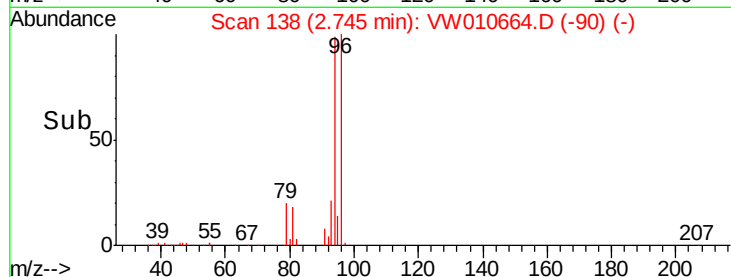
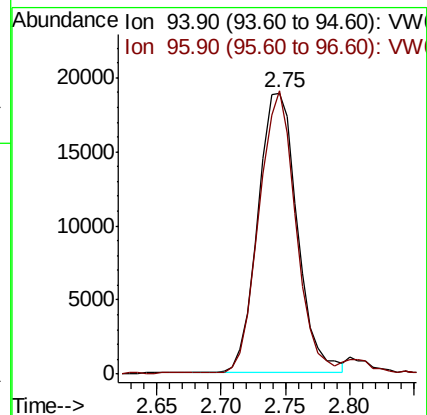
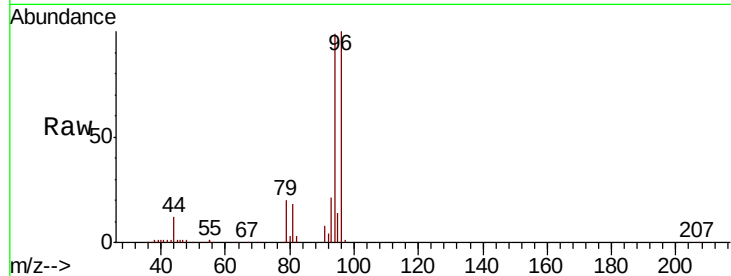
ClientSampled :

Tot Ion: 94 Resp: 40007

Ion Ratio Lower Upper

94 100

96 100.4 72.9 109.3



#6

Chloroethane

Concen: 44.004 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010664.D

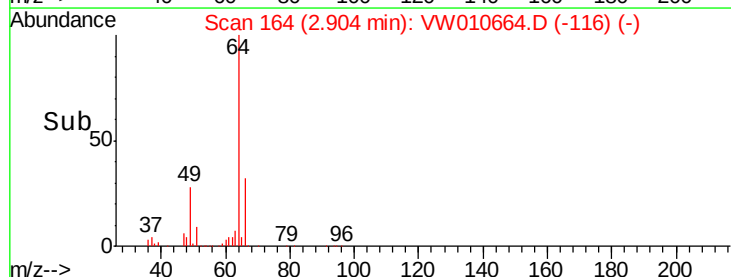
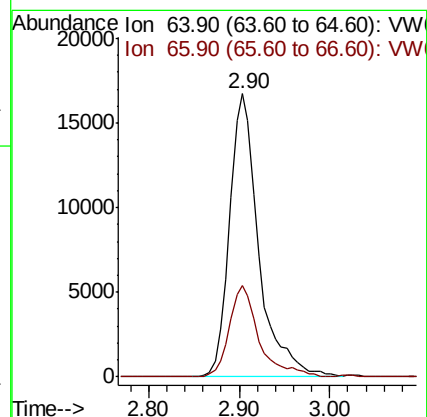
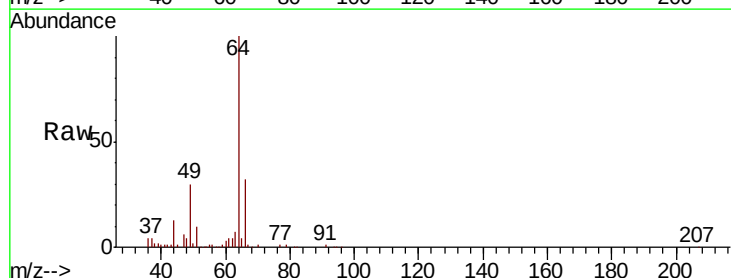
Acq: 03 Jun 2019 17:22

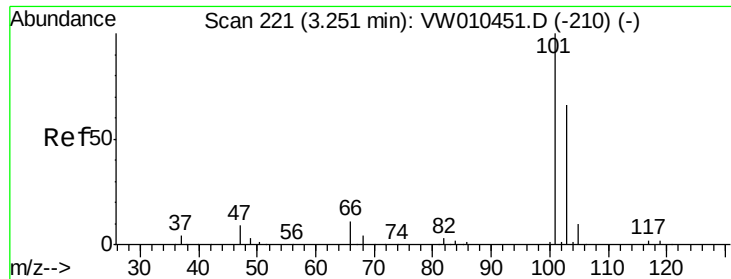
Tgt Ion: 64 Resp: 37442

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



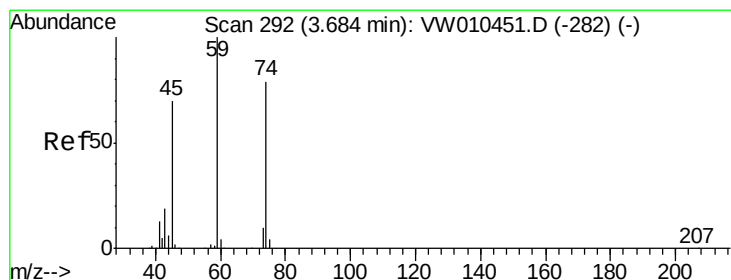
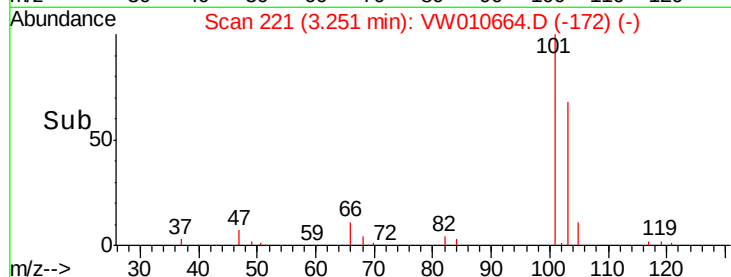
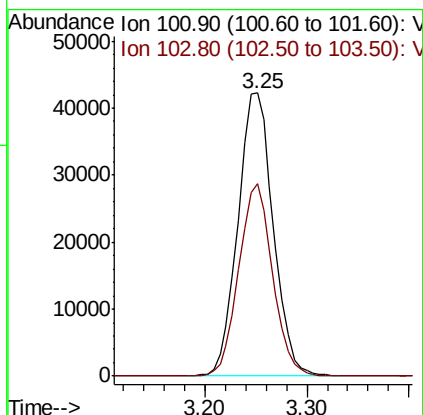
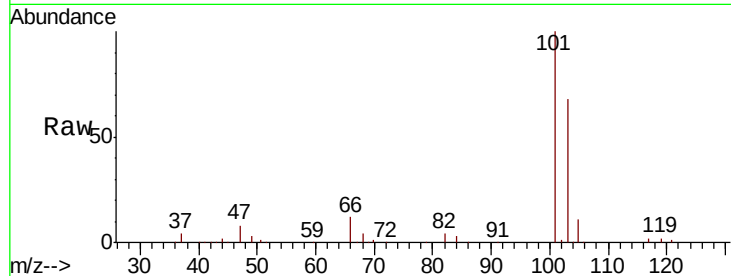


#7

Trichlorofluoromethane
 Concen: 51.856 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Instrument :
 MSVOA_W
 ClientSampleId :

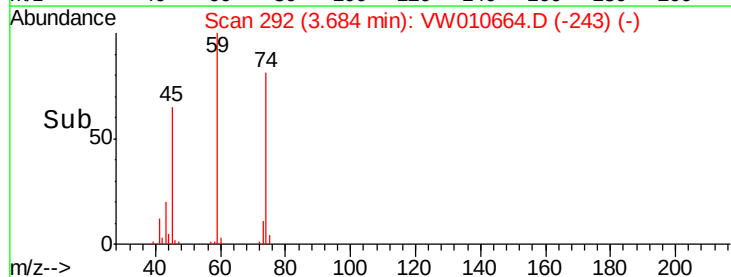
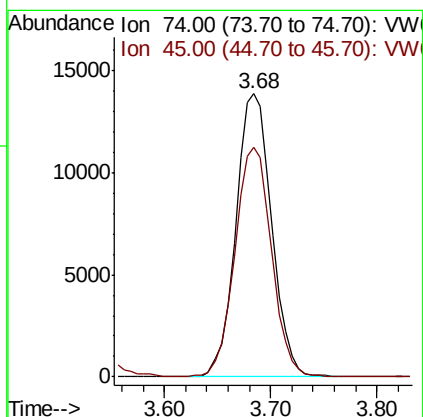
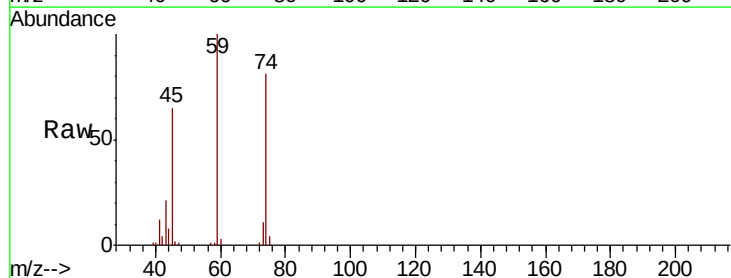
Tot Ion:101 Resp: 101476
 Ion Ratio Lower Upper
 101 100
 103 68.1 53.0 79.4

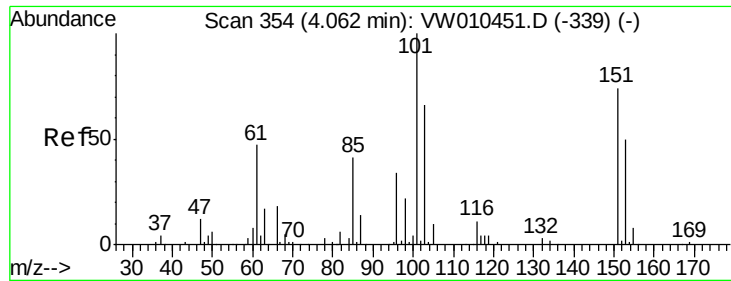


#8

Diethyl Ether
 Concen: 52.657 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion: 74 Resp: 32664
 Ion Ratio Lower Upper
 74 100
 45 83.0 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.889 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

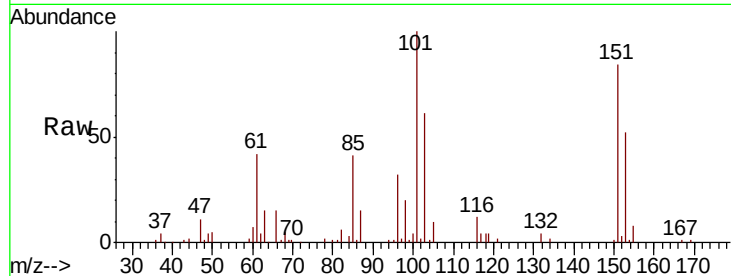
Tot Ion:101 Resp: 61327

Ion Ratio Lower Upper

101 100

85 42.7 34.3 51.5

151 80.6 60.3 90.5

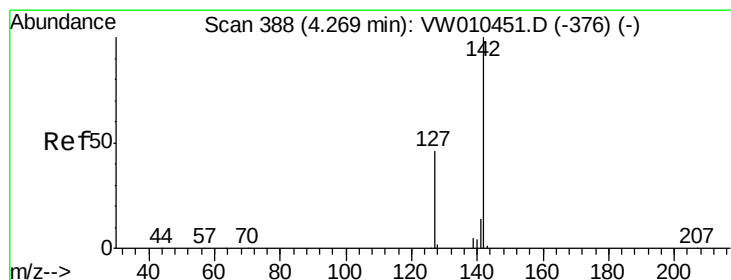
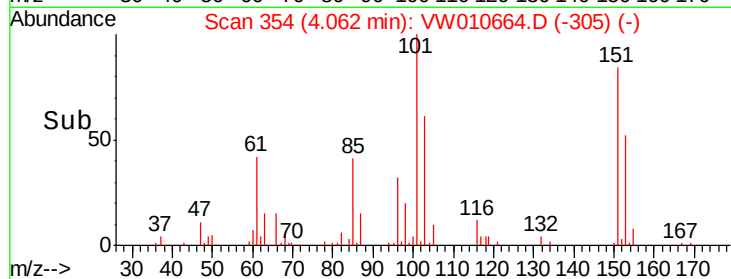
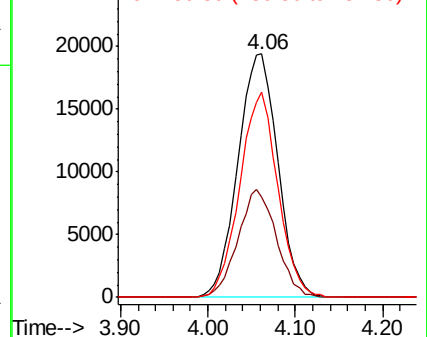


Abundance

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: 37.074 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

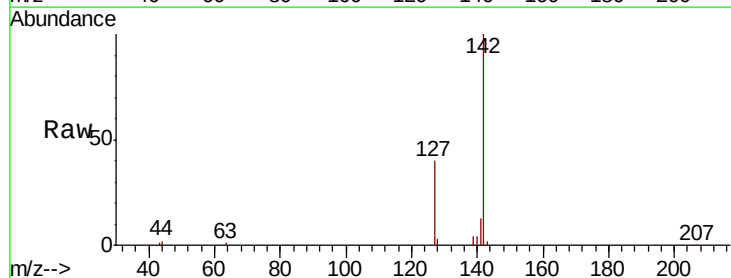
Tgt Ion:142 Resp: 51068

Ion Ratio Lower Upper

142 100

127 42.3 36.1 54.1

141 14.1 11.3 16.9

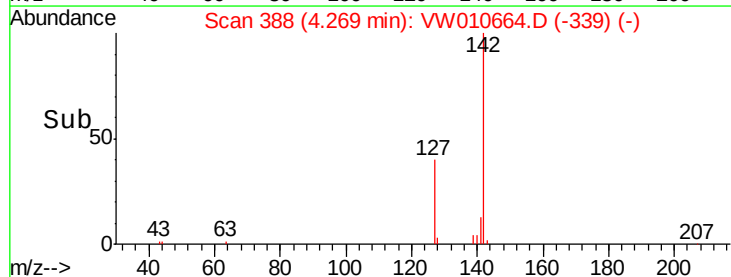
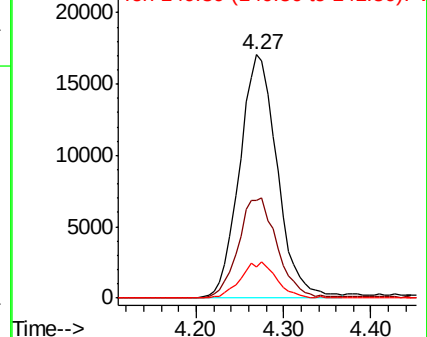


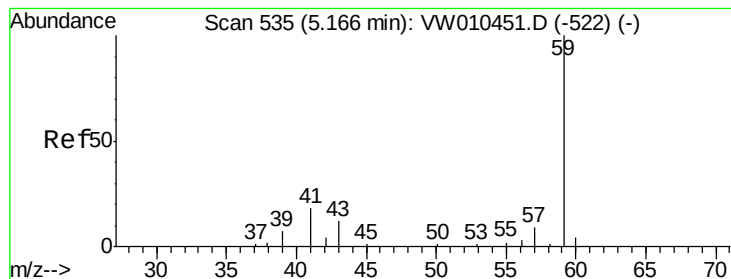
Abundance

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



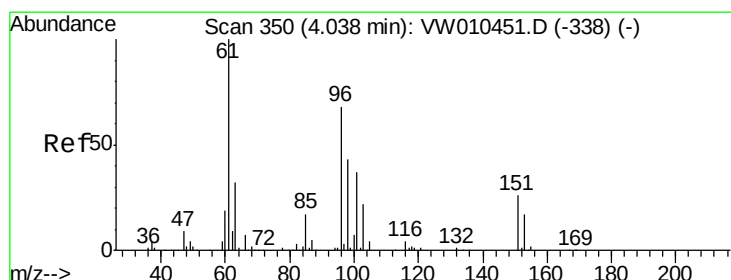
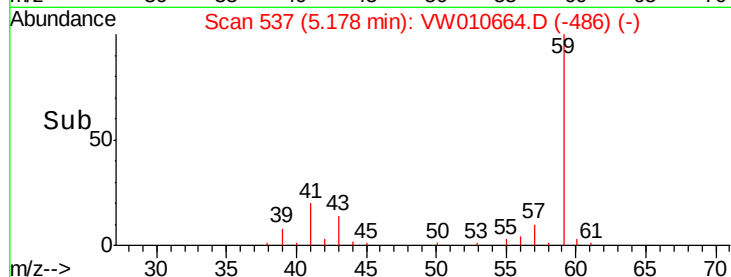
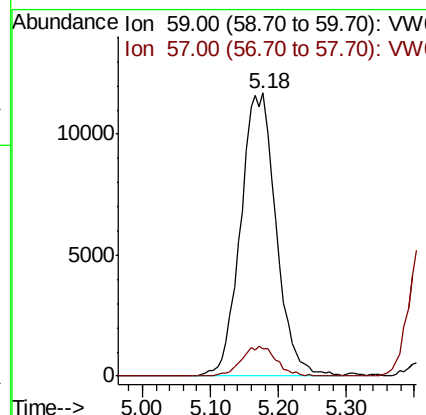
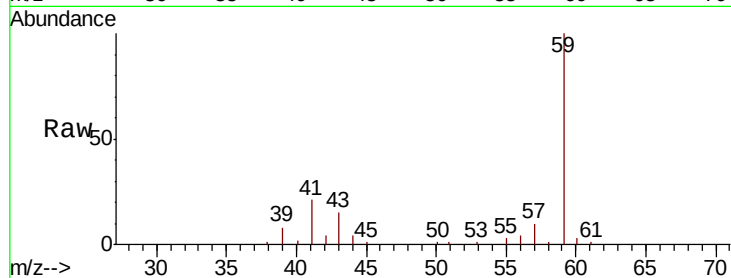


#11

Tert butyl alcohol
Concen: 419.389 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Instrument :
MSVOA_W
ClientSampled :

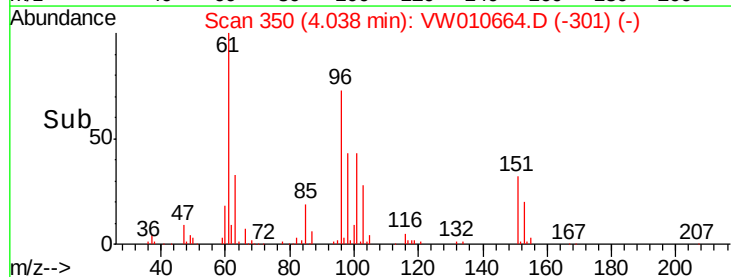
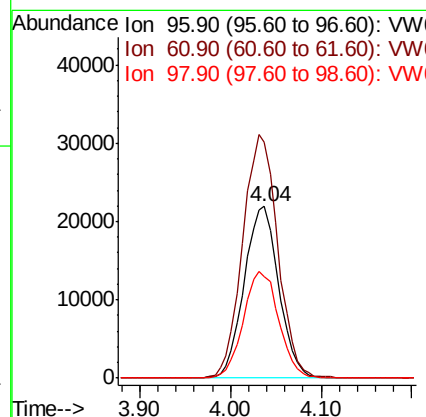
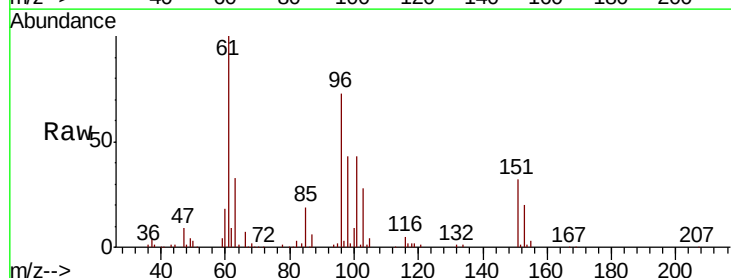
Tot Ion: 59 Resp: 42407
Ion Ratio Lower Upper
59 100
57 10.2 8.8 13.2

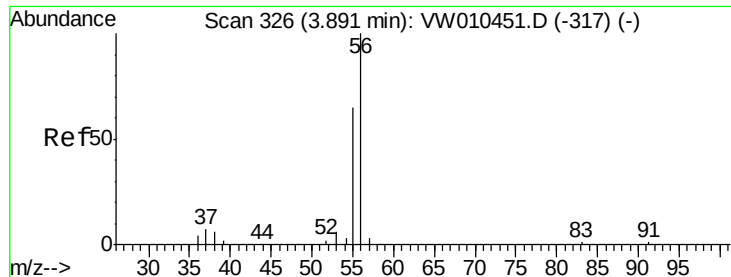


#12

1,1-Dichloroethene
Concen: 50.442 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 96 Resp: 58028
Ion Ratio Lower Upper
96 100
61 137.8 118.3 177.5
98 59.2 51.0 76.6

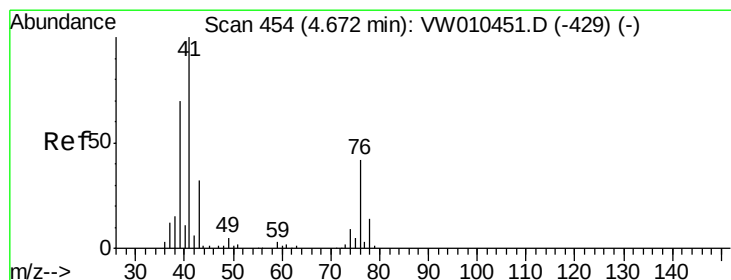
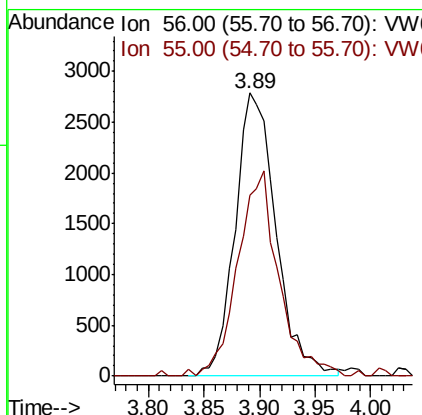
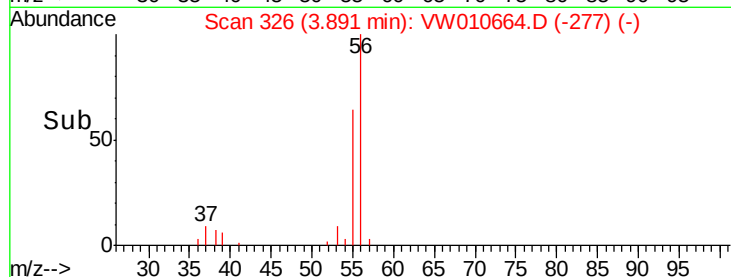
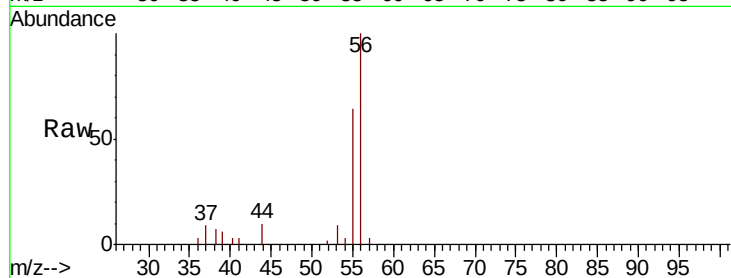




#13
 Acrolein
 Concen: 108.299 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

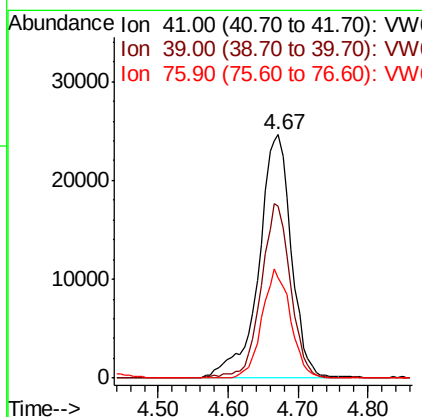
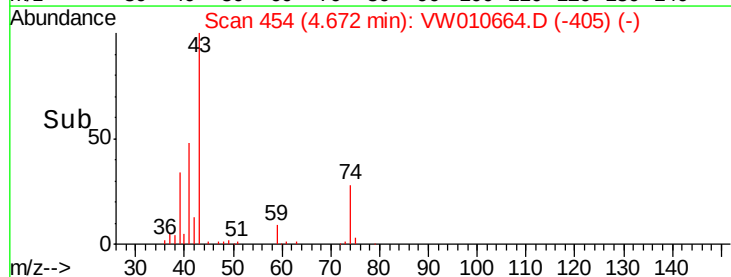
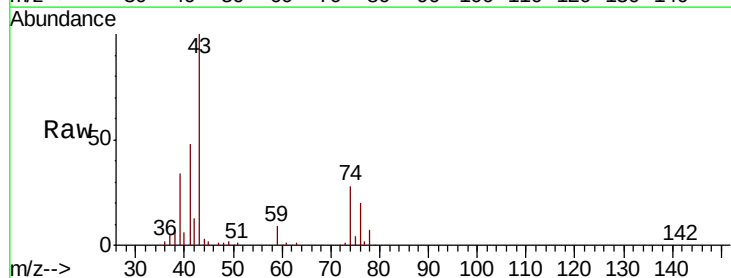
Instrument :
 MSVOA_W
 ClientSampleId :

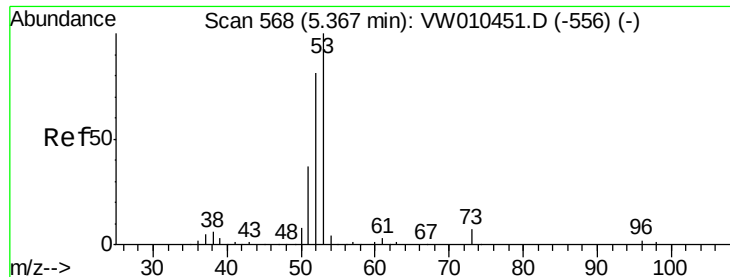
Tot Ion: 56 Resp: 7126
 Ion Ratio Lower Upper
 56 100
 55 72.7 57.9 86.9



#14
 Allyl chloride
 Concen: 47.875 ug/l
 RT: 4.67 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion: 41 Resp: 79720
 Ion Ratio Lower Upper
 41 100
 39 65.4 55.0 82.4
 76 39.5 32.8 49.2





#15

Acrylonitrile

Concen: 338.487 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

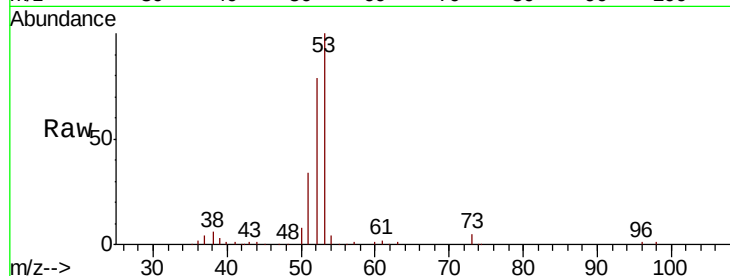
Tot Ion: 53 Resp: 87935

Ion Ratio Lower Upper

53 100

52 82.9 65.6 98.4

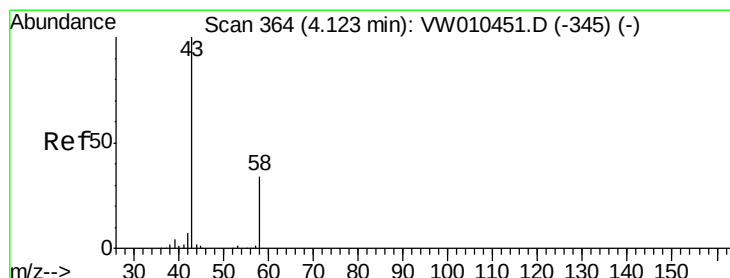
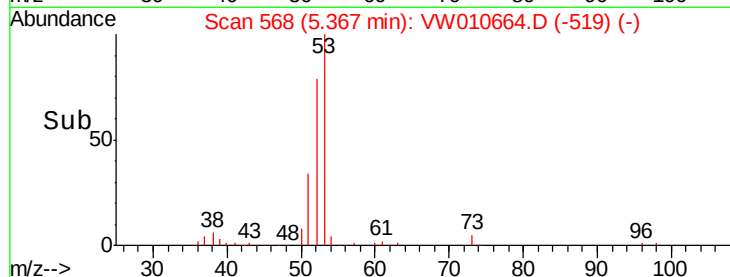
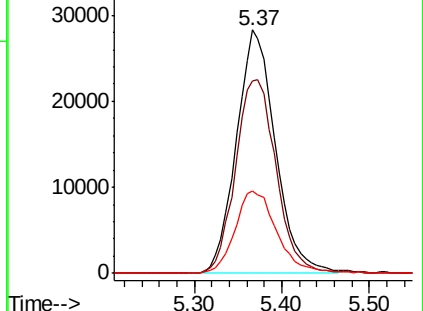
51 36.2 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 377.259 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010664.D

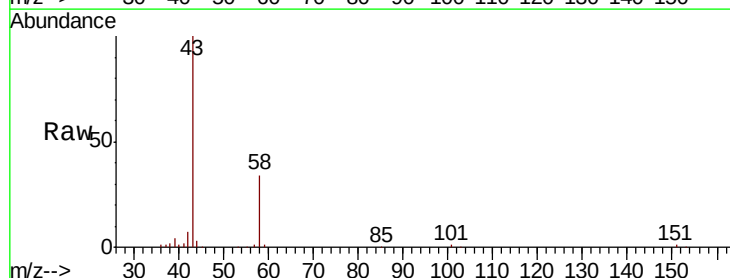
Acq: 03 Jun 2019 17:22

Tgt Ion: 43 Resp: 86567

Ion Ratio Lower Upper

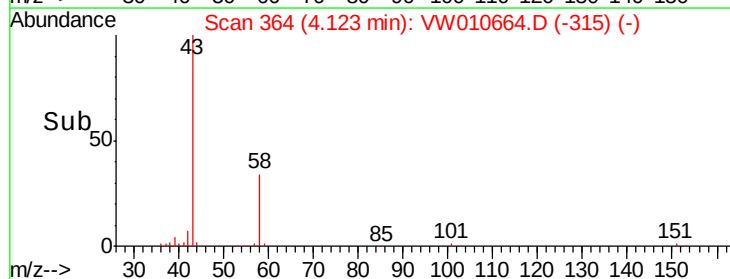
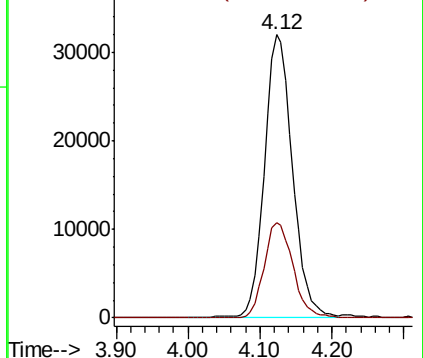
43 100

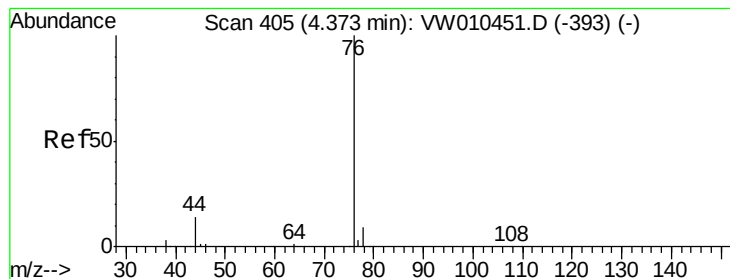
58 33.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 43.336 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

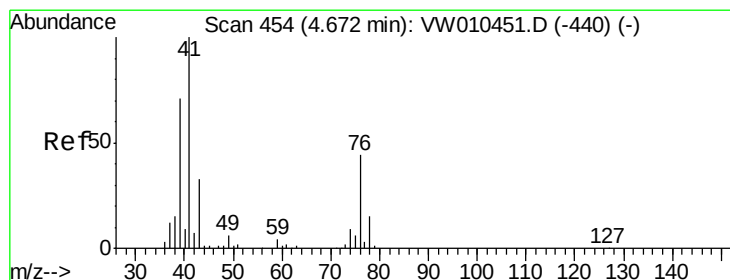
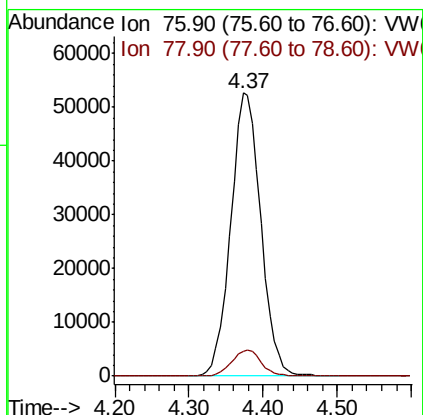
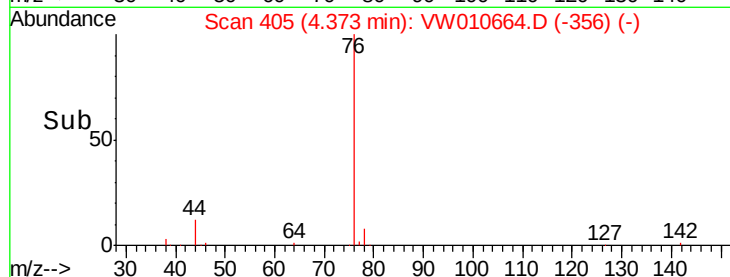
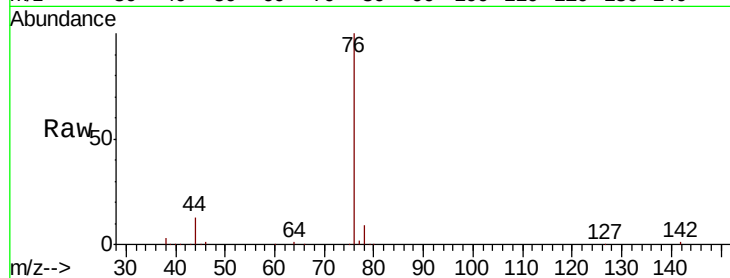
ClientSampled :

Tot Ion: 76 Resp: 148699

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 269.179 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010664.D

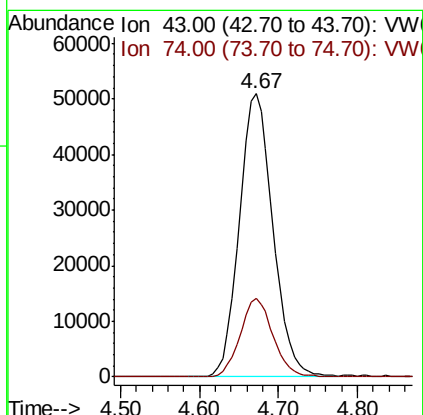
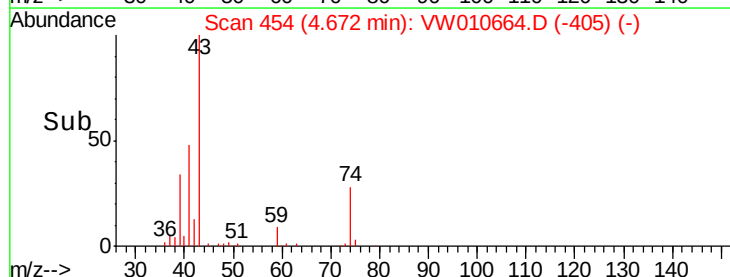
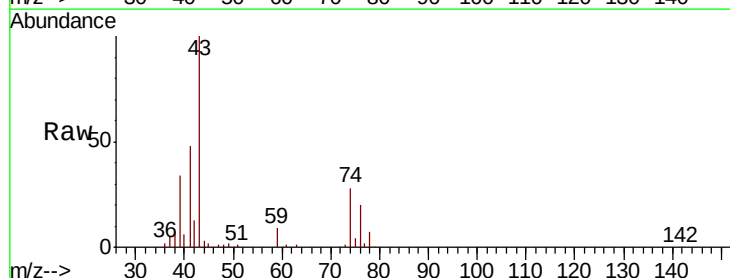
Acq: 03 Jun 2019 17:22

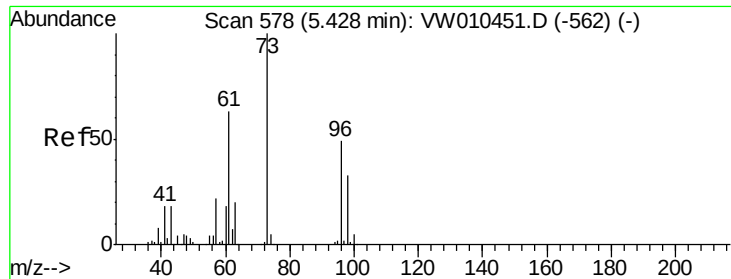
Tgt Ion: 43 Resp: 151064

Ion Ratio Lower Upper

43 100

74 27.0 21.6 32.4

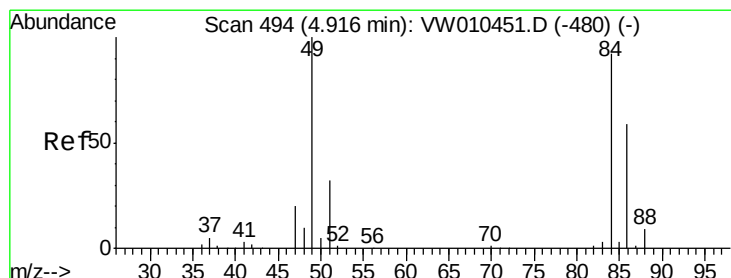
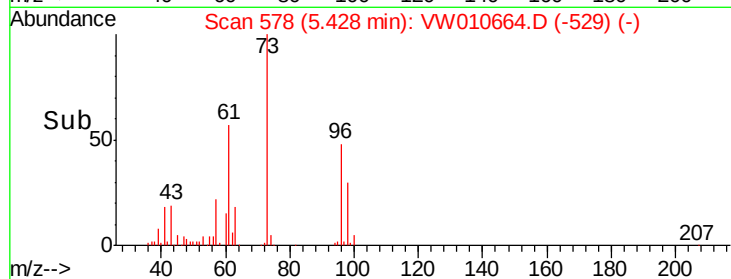
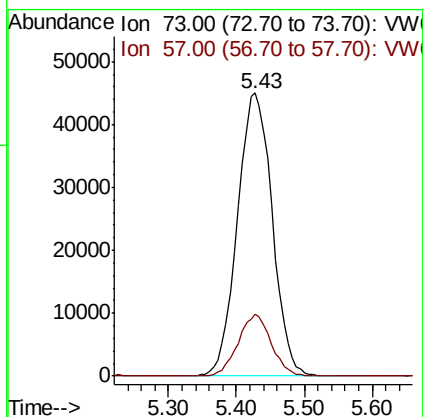
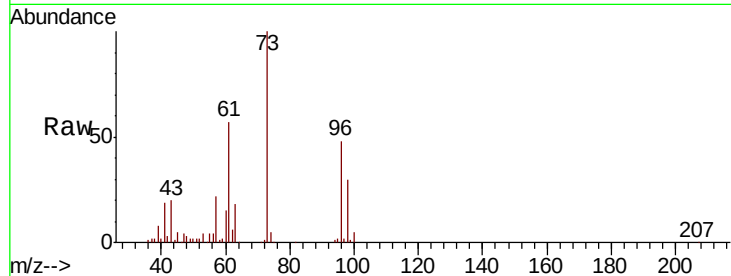




#19
Methyl tert-butyl Ether
Concen: 54.708 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

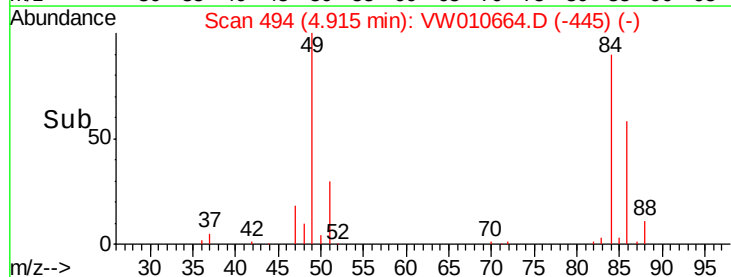
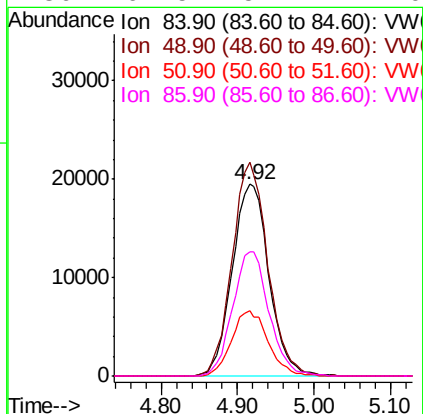
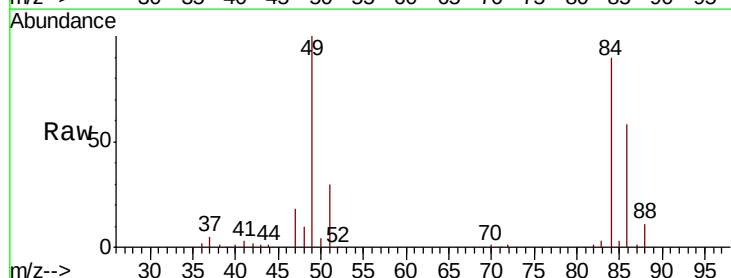
Instrument :
MSVOA_W
ClientSampleId :

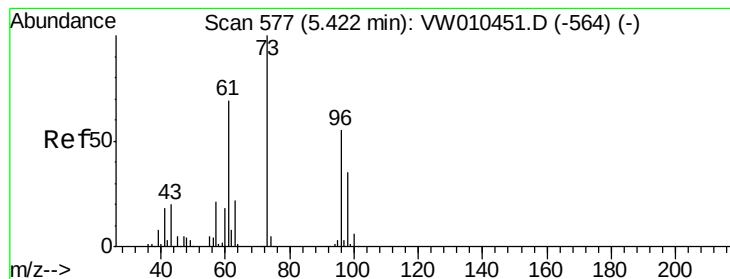
Tot Ion: 73 Resp: 160443
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0



#20
Methylene Chloride
Concen: 48.014 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 84 Resp: 64916
Ion Ratio Lower Upper
84 100
49 111.3 87.2 130.8
51 33.8 27.7 41.5
86 64.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.816 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

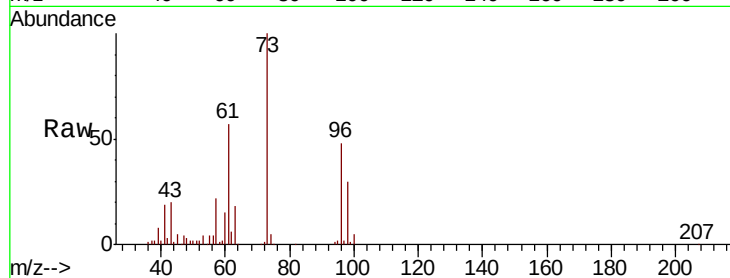
Tot Ion: 96 Resp: 65733

Ion Ratio Lower Upper

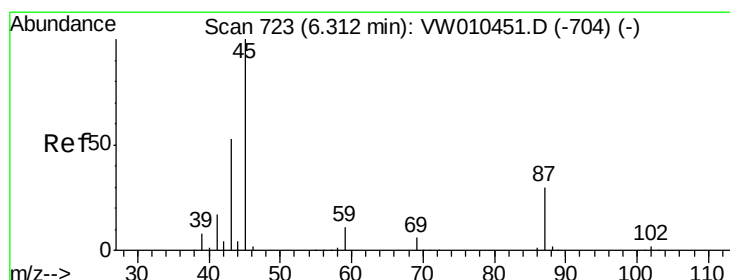
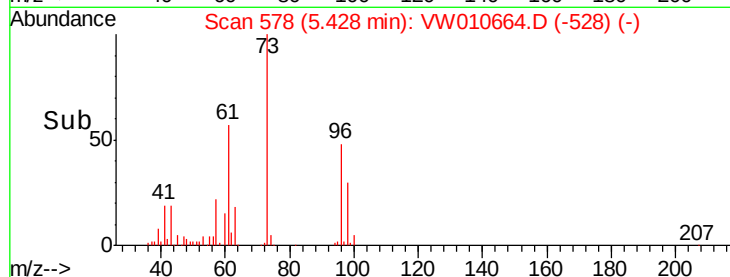
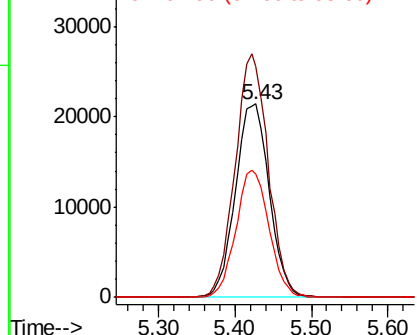
96 100

61 119.6 101.4 152.0

98 63.6 50.6 76.0



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



#22

Diisopropyl ether

Concen: 46.121 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Tgt Ion: 45 Resp: 157477

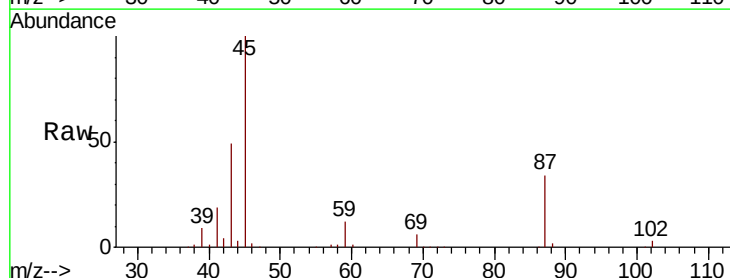
Ion Ratio Lower Upper

45 100

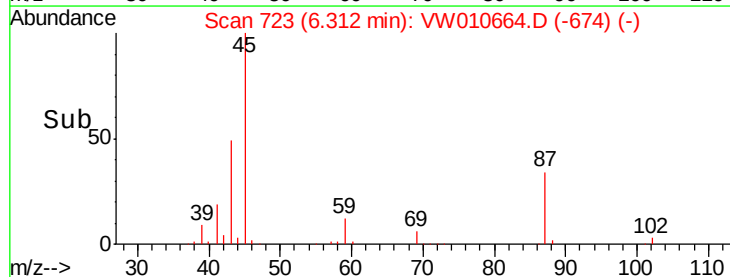
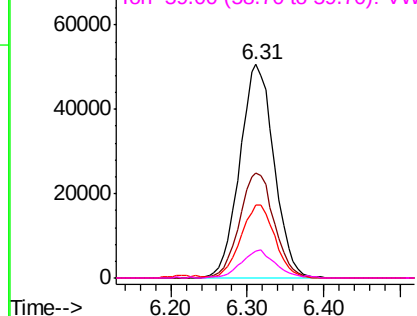
43 49.4 42.9 64.3

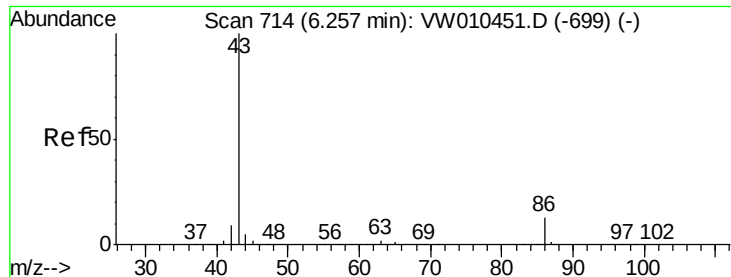
87 34.0 24.6 36.8

59 12.4 9.4 14.0



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: 38.563 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.05 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

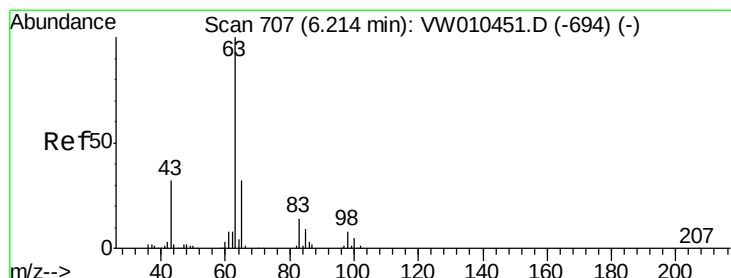
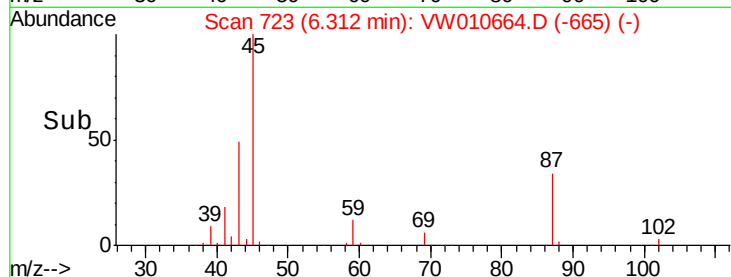
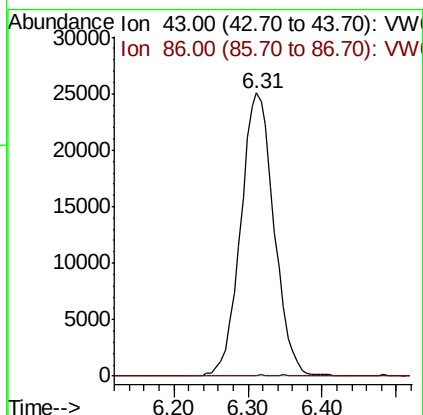
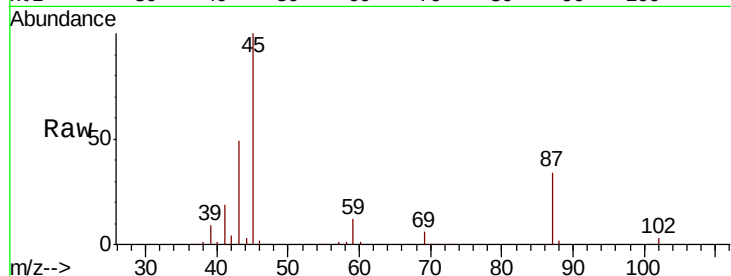
ClientSampled :

Tot Ion: 43 Resp: 78652

Ion Ratio Lower Upper

43 100

86 0.3 10.3 15.5#



#24

1,1-Dichloroethane

Concen: 49.798 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

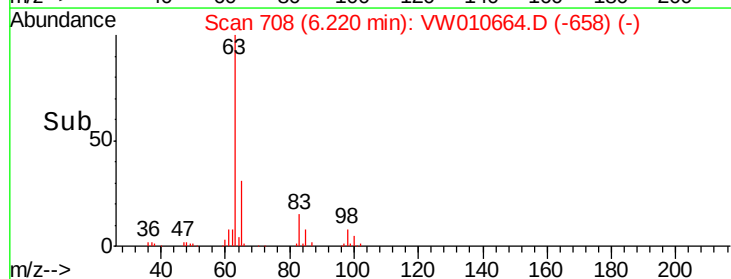
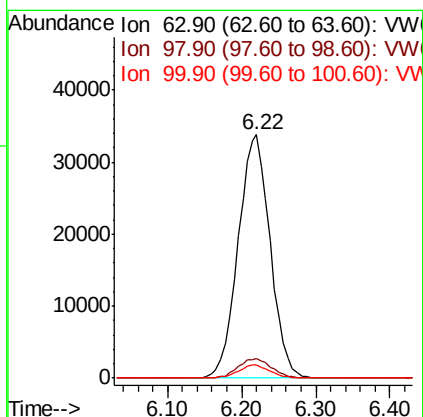
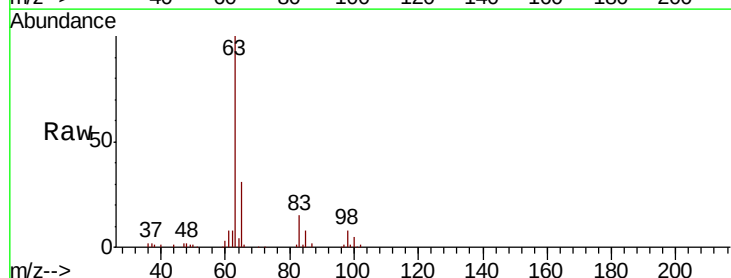
Tgt Ion: 63 Resp: 101467

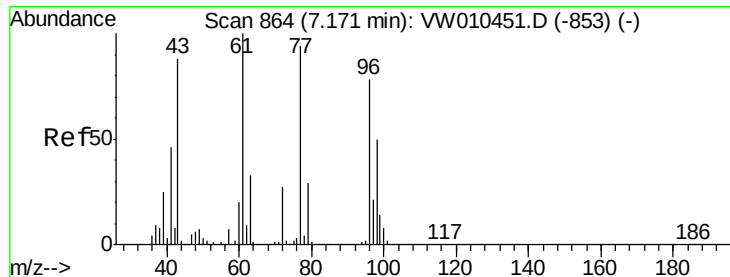
Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.2

100 5.5 2.5 7.4





#25

2-Butanone

Concen: 347.006 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

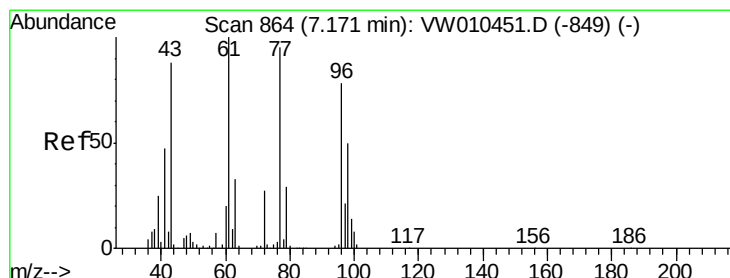
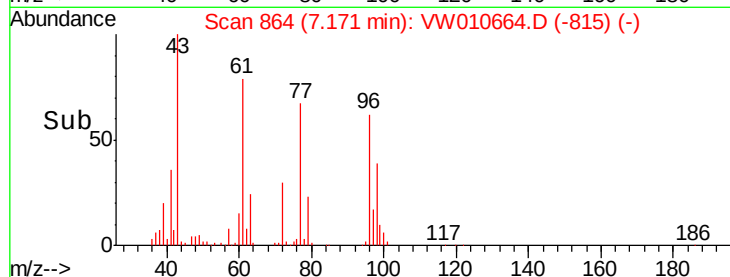
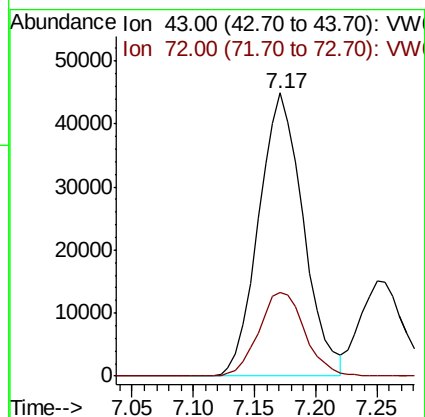
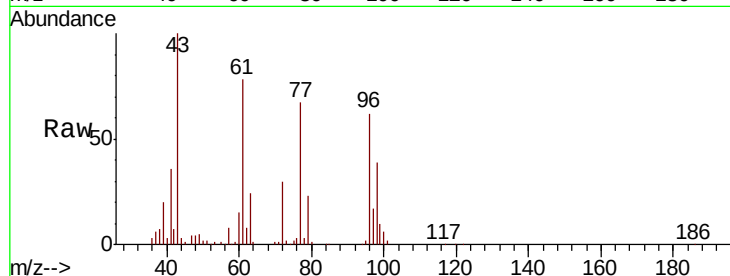
ClientSampled :

Tot Ion: 43 Resp: 113951

Ion Ratio Lower Upper

43 100

72 29.6 24.1 36.1



#26

2,2-Dichloropropane

Concen: 47.318 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010664.D

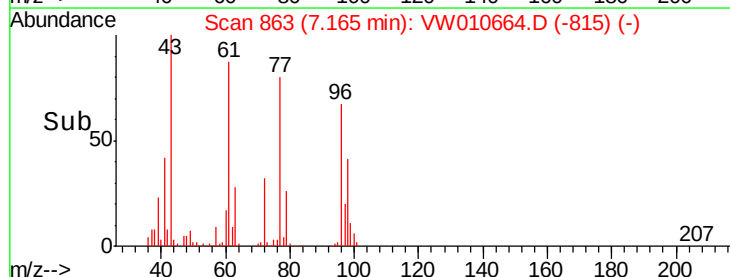
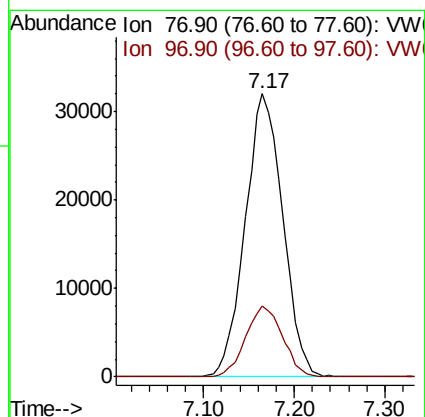
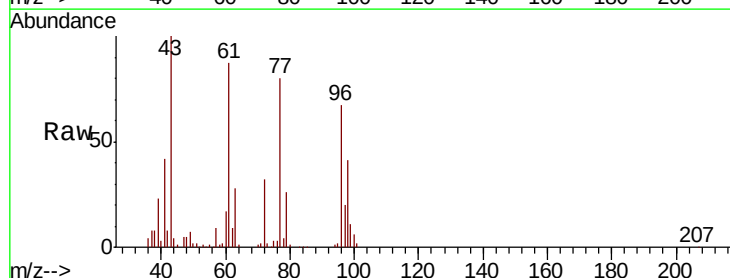
Acq: 03 Jun 2019 17:22

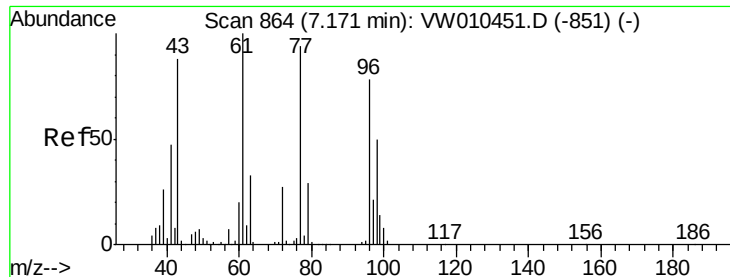
Tgt Ion: 77 Resp: 91838

Ion Ratio Lower Upper

77 100

97 24.5 11.7 35.0



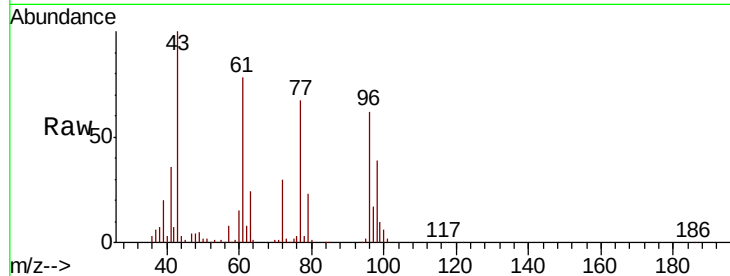


#27

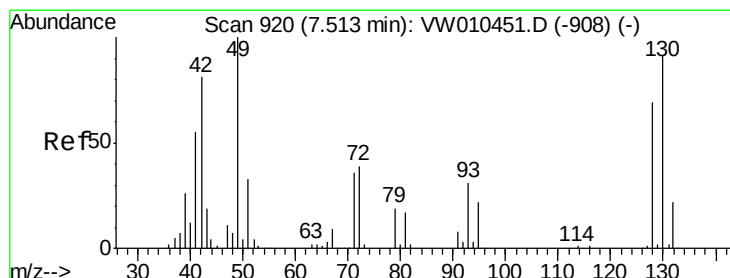
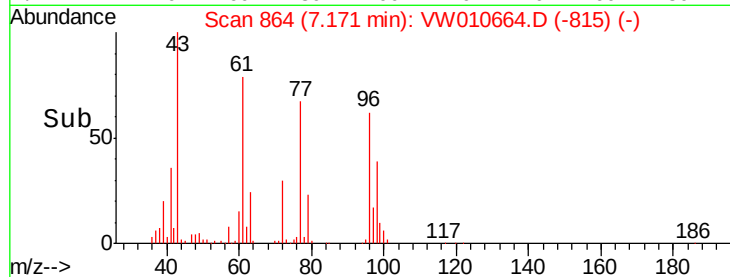
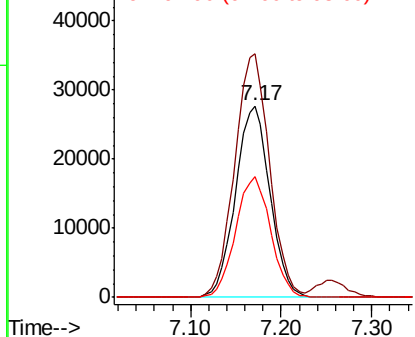
cis-1,2-Dichloroethene
Concen: 50.813 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 72894
Ion Ratio Lower Upper
96 100
61 129.0 0.0 265.4
98 63.6 0.0 129.4



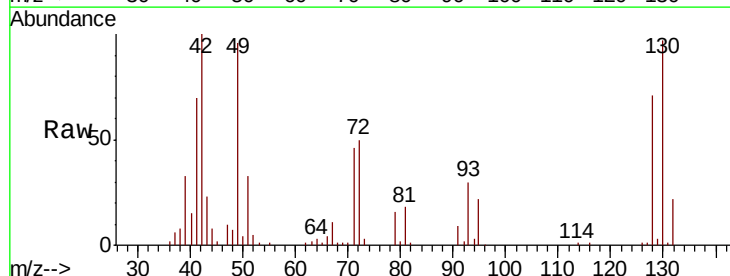
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



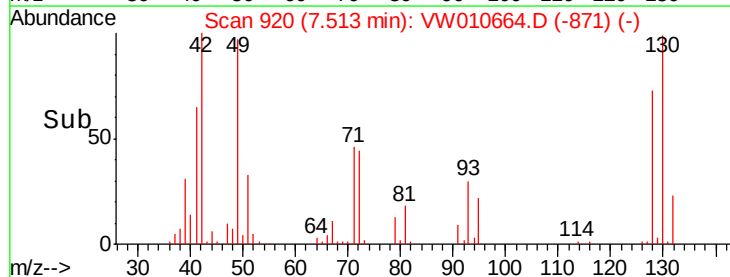
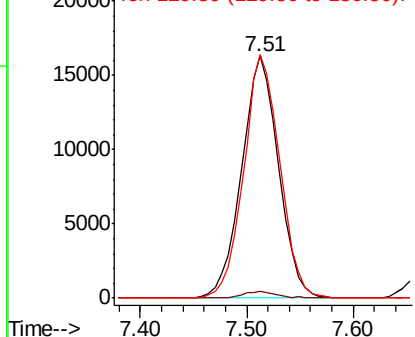
#28

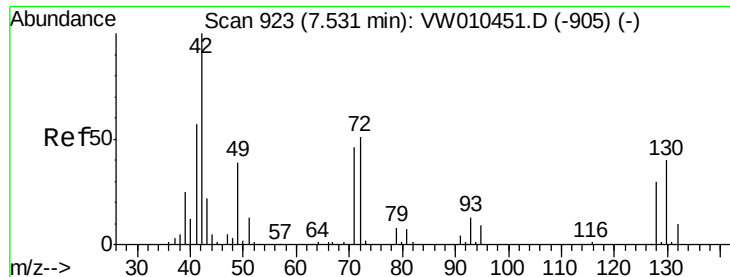
Bromochloromethane
Concen: 54.265 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 49 Resp: 39587
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 98.4 71.2 106.8



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

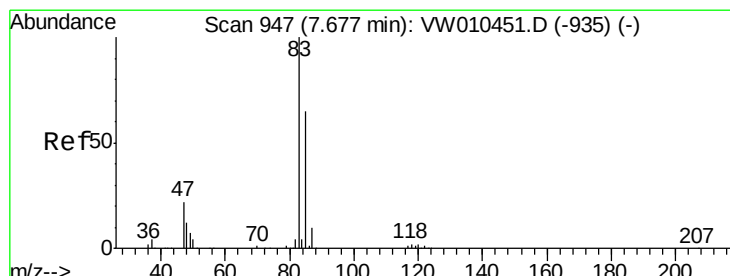
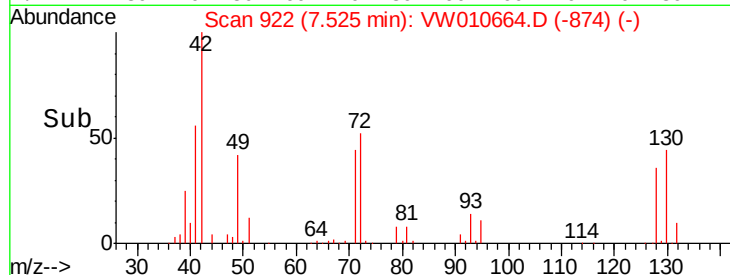
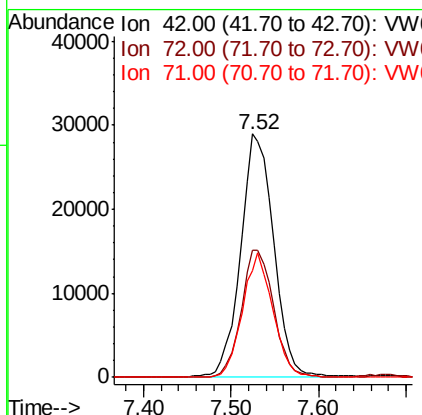
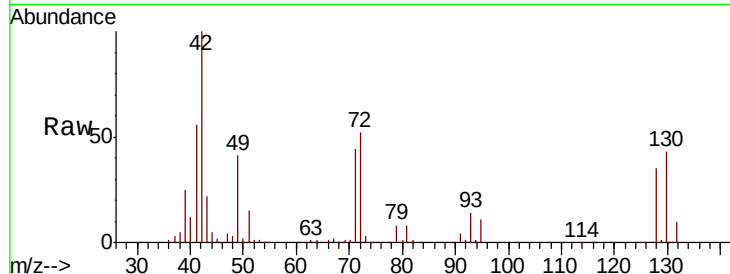




#29
Tetrahydrofuran
Concen: 343.582 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

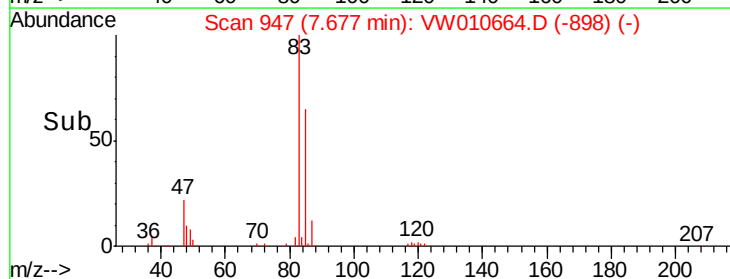
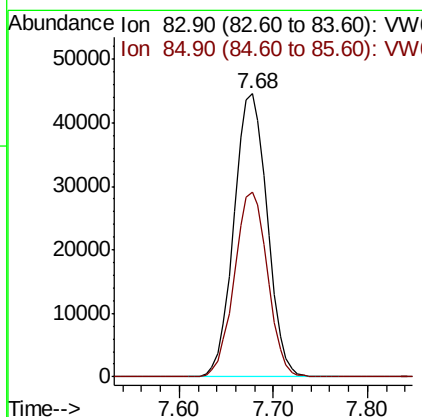
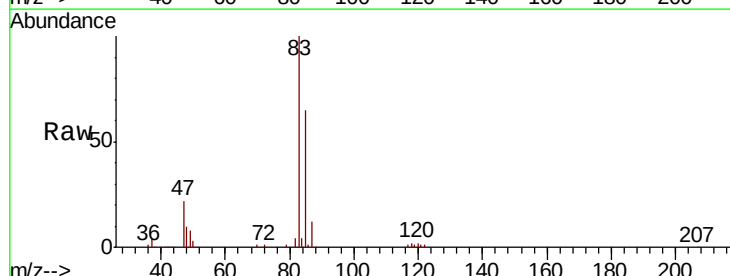
Instrument :
MSVOA_W
ClientSampled :

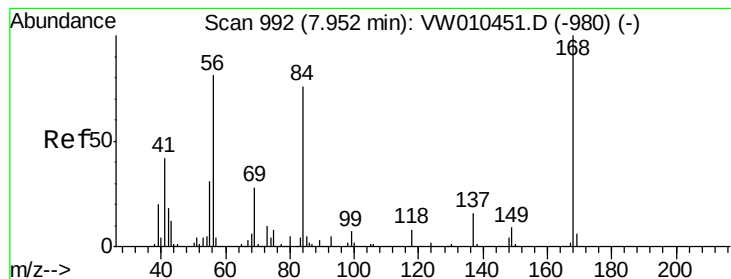
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.0	38.5	57.7
71	46.8	36.5	54.7



#30
Chloroform
Concen: 50.115 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4





#31

Cyclohexane

Concen: 43.498 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

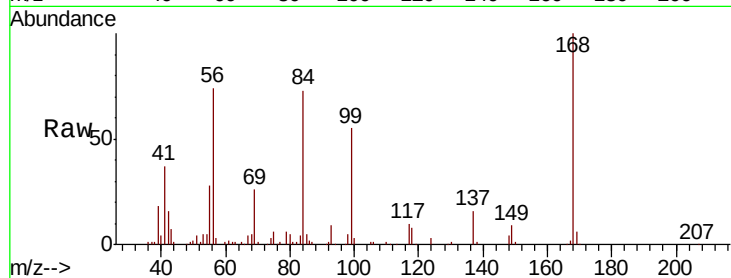
Tot Ion: 56 Resp: 92840

Ion Ratio Lower Upper

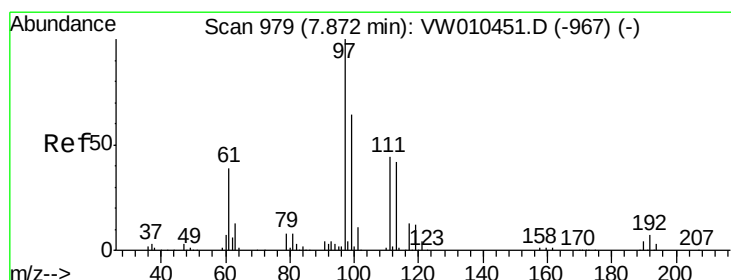
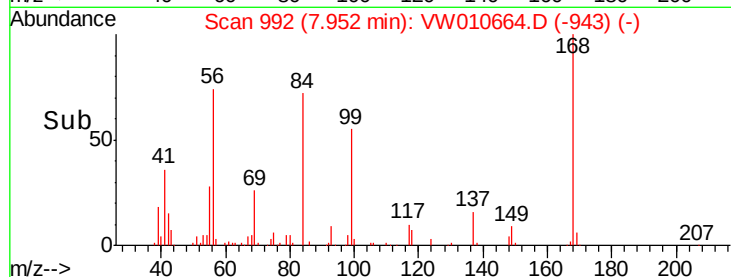
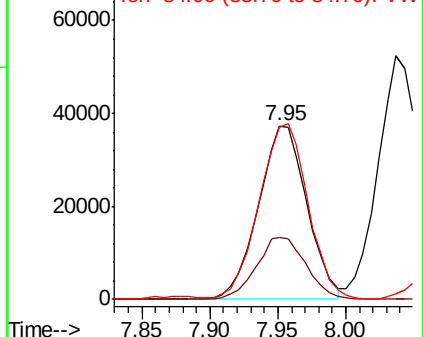
56 100

69 35.4 28.2 42.2

84 96.9 75.8 113.8



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



#32

1,1,1-Trichloroethane

Concen: 50.917 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

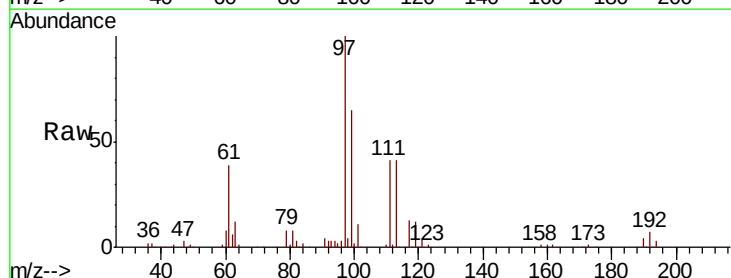
Tgt Ion: 97 Resp: 106956

Ion Ratio Lower Upper

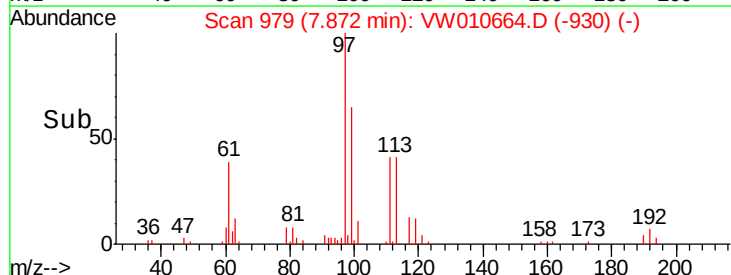
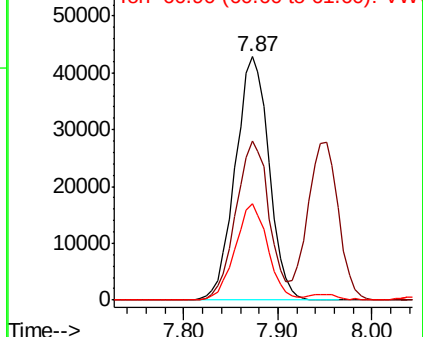
97 100

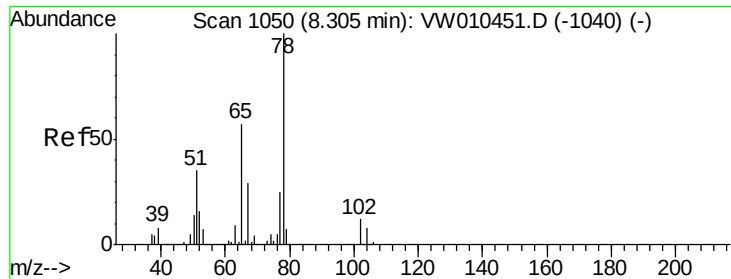
99 64.2 50.8 76.2

61 38.3 32.1 48.1



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

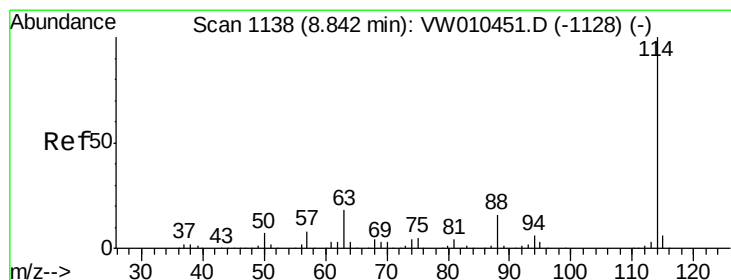
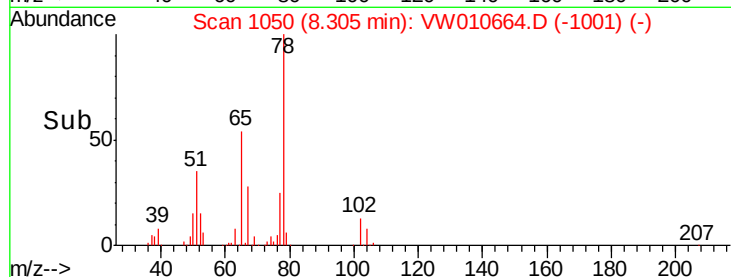
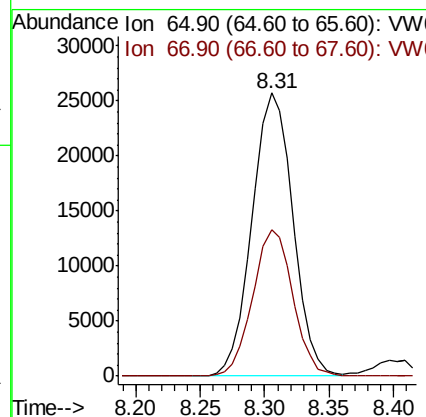
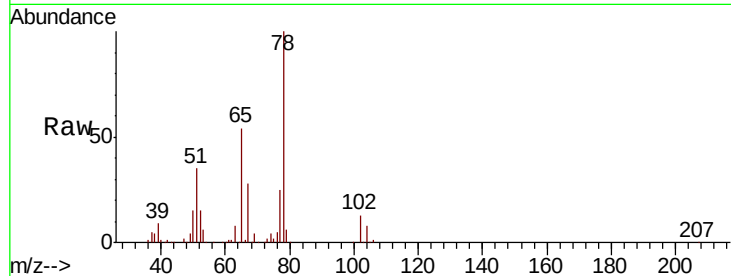




#33
 1,2-Dichloroethane-d4
 Concen: 50.345 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

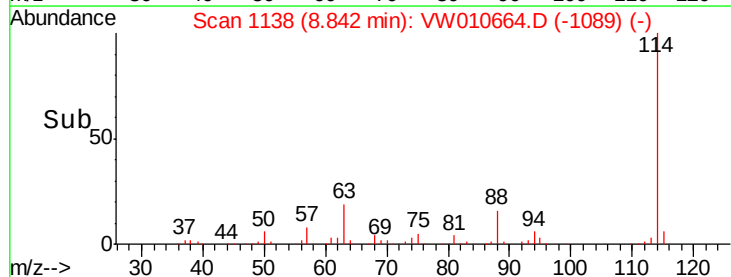
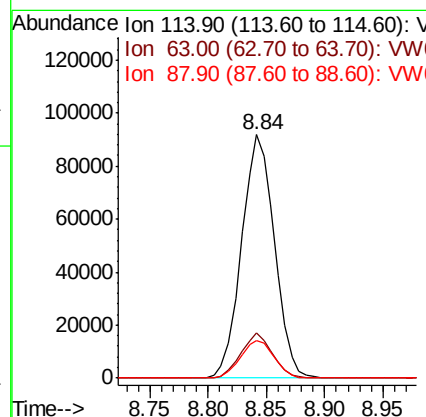
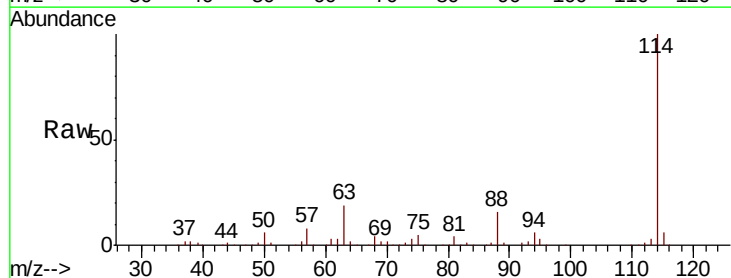
Instrument :
 MSVOA_W
 ClientSampled :

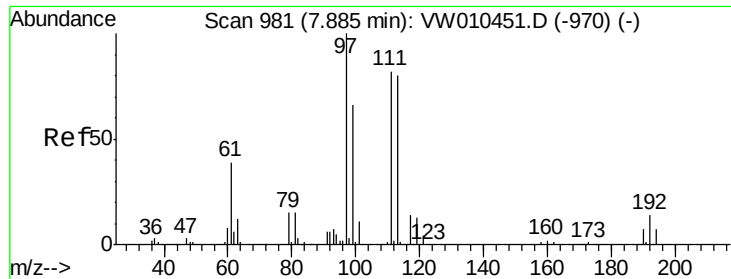
Tot Ion: 65 Resp: 56595
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion: 114 Resp: 180851
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.0
 88 15.6 0.0 32.0

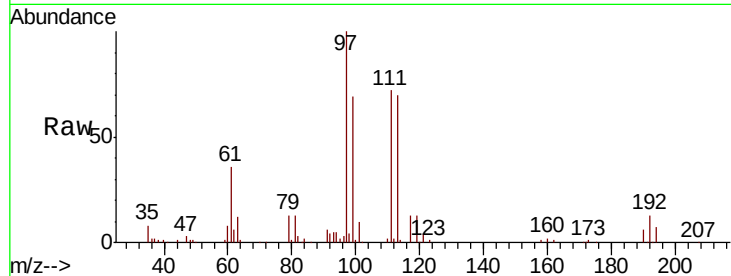




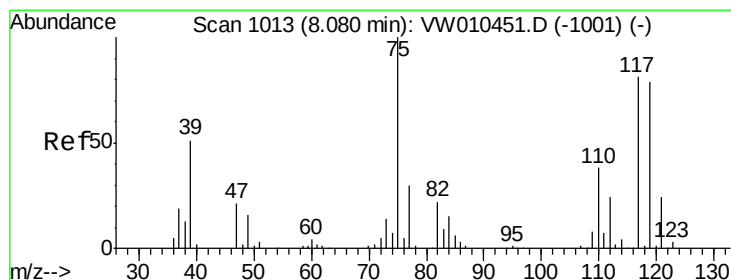
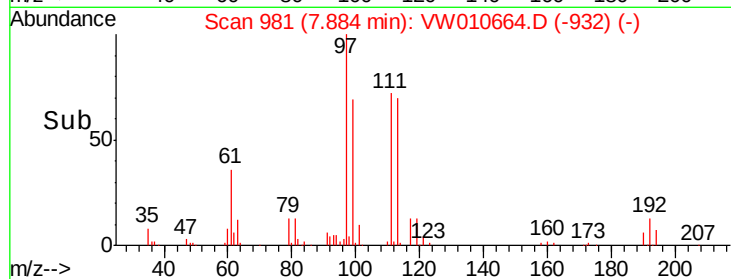
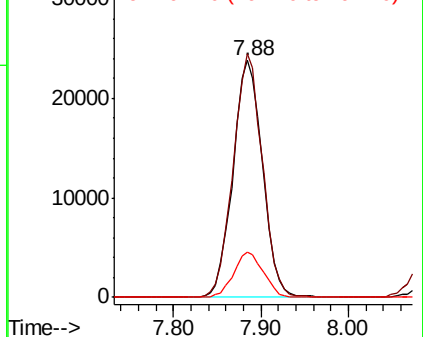
#35
 Dibromofluoromethane
 Concen: 50.818 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 55766
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 19.2 14.3 21.5

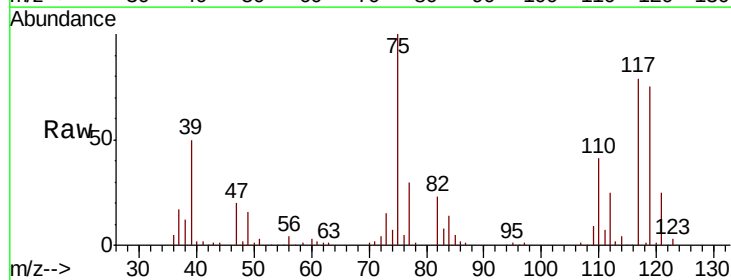


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

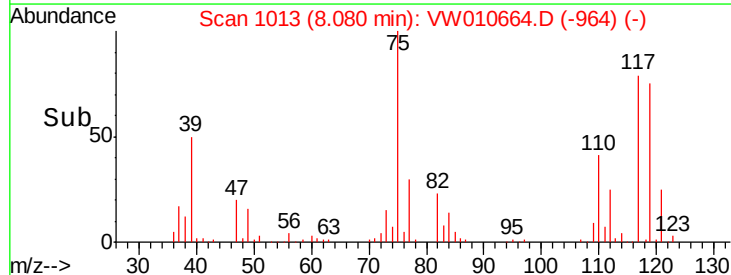
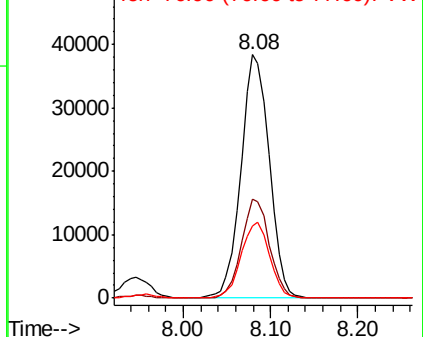


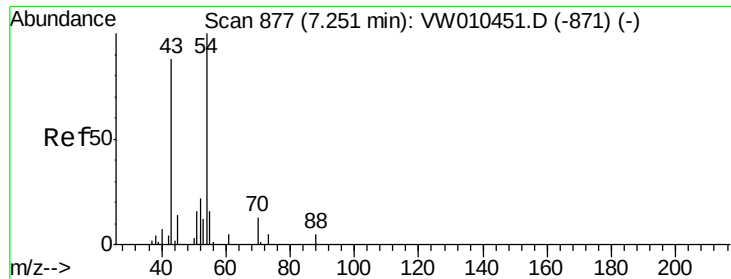
#36
 1,1-Dichloropropene
 Concen: 51.308 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion: 75 Resp: 86439
 Ion Ratio Lower Upper
 75 100
 110 40.0 19.2 57.6
 77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

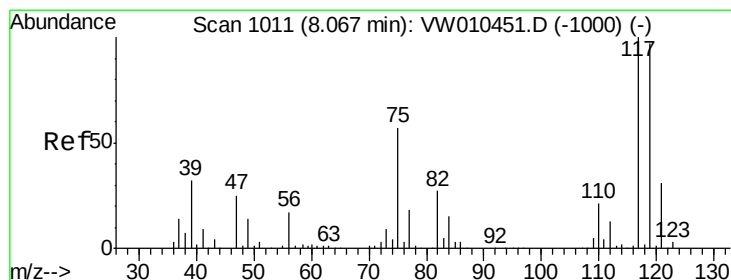
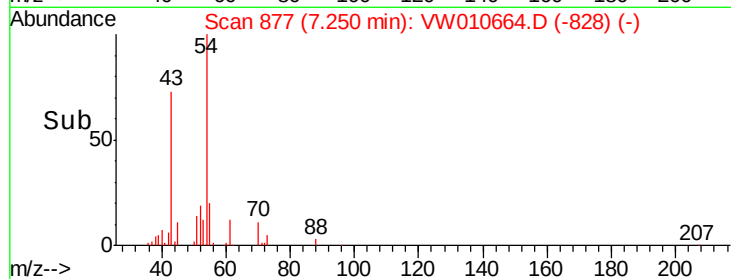
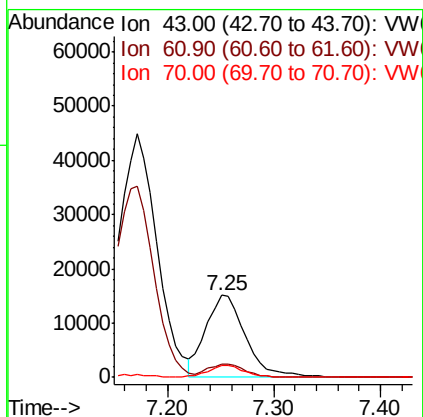
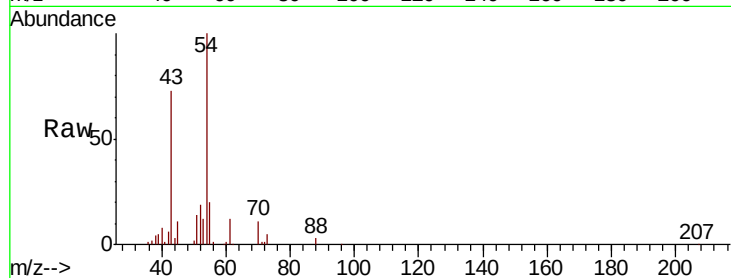




#37
Ethyl Acetate
Concen: 53.365 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

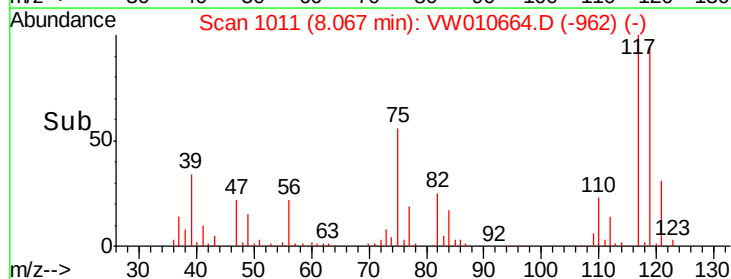
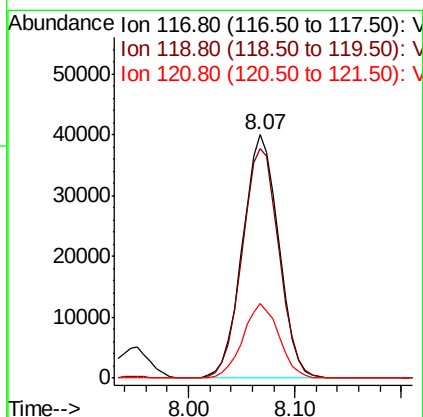
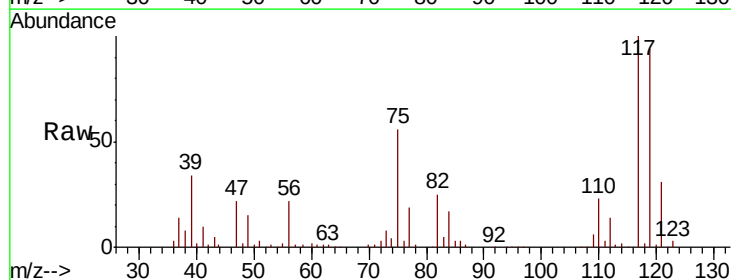
Instrument :
MSVOA_W
ClientSampled :

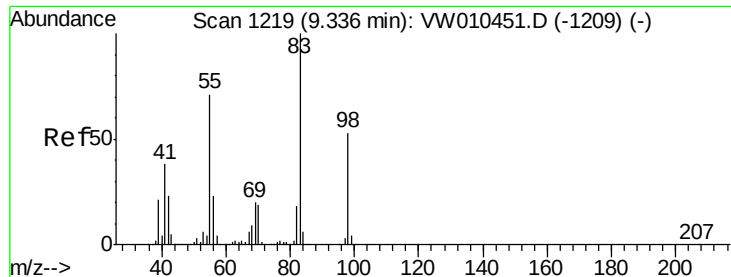
Tot Ion: 43 Resp: 38232
Ion Ratio Lower Upper
43 100
61 15.6 11.2 16.8
70 13.6 9.9 14.9



#38
Carbon Tetrachloride
Concen: 52.433 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 117 Resp: 95290
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.0
121 30.6 25.0 37.6

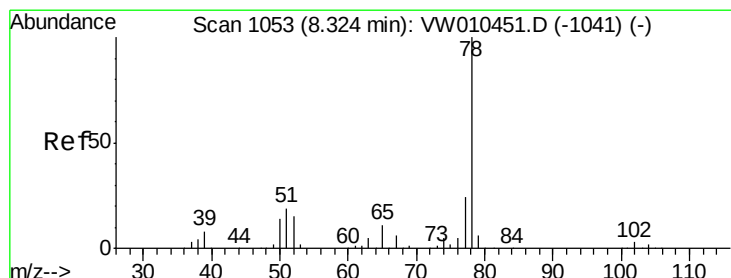
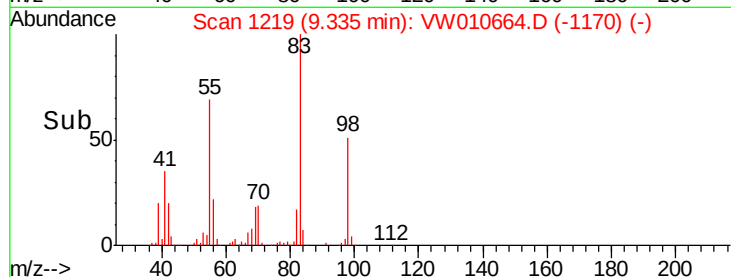
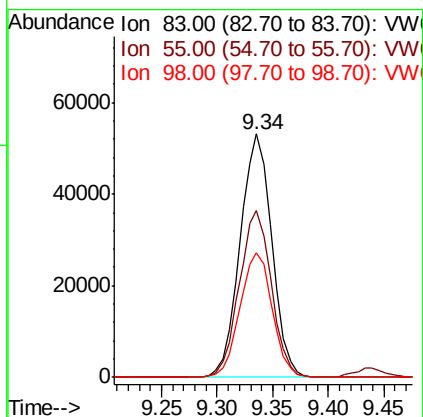
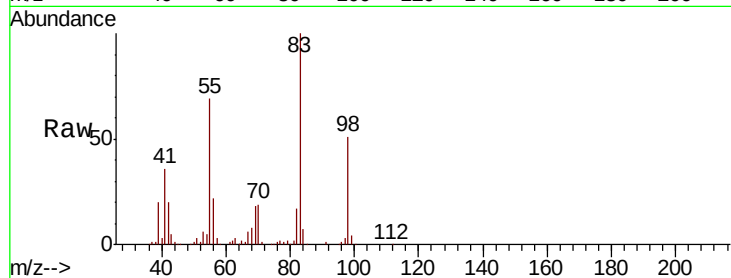




#39
Methylvlcyclohexane
Concen: 46.612 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

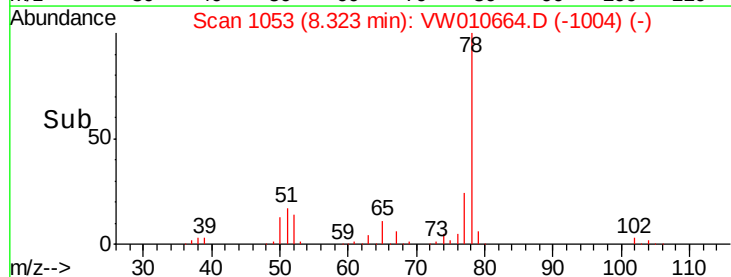
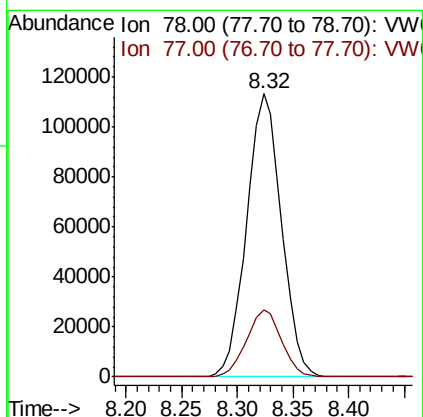
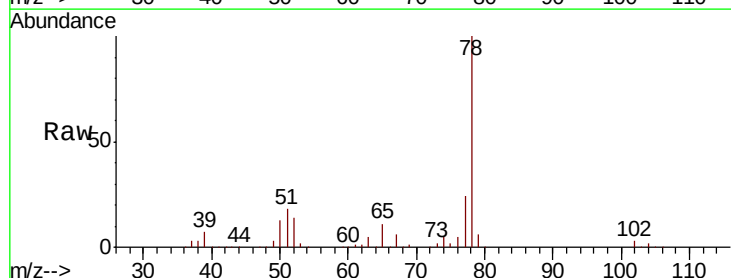
Instrument :
MSVOA_W
ClientSampleId :

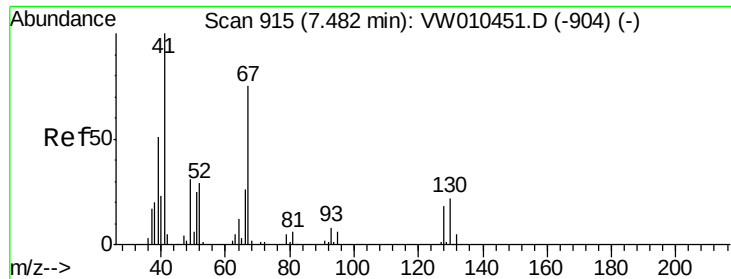
Tot Ion: 83 Resp: 105209
Ion Ratio Lower Upper
83 100
55 68.8 57.0 85.6
98 51.2 42.0 63.0



#40
Benzene
Concen: 52.684 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 78 Resp: 246699
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

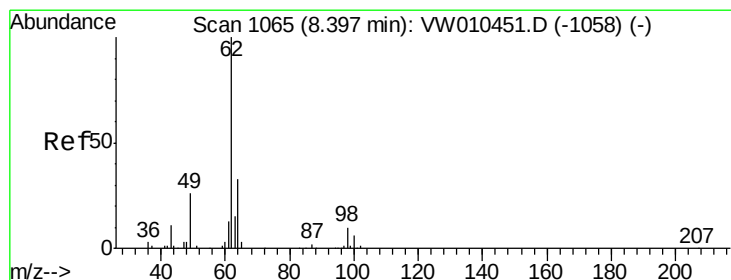
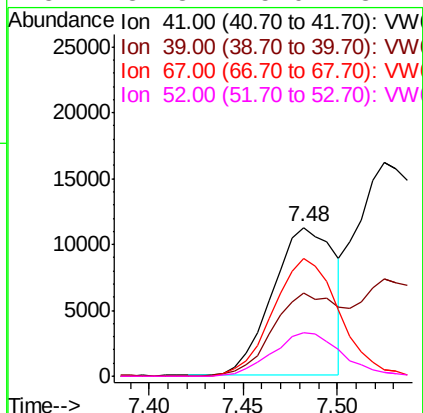
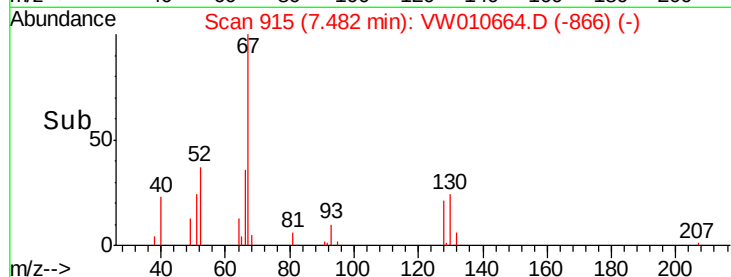
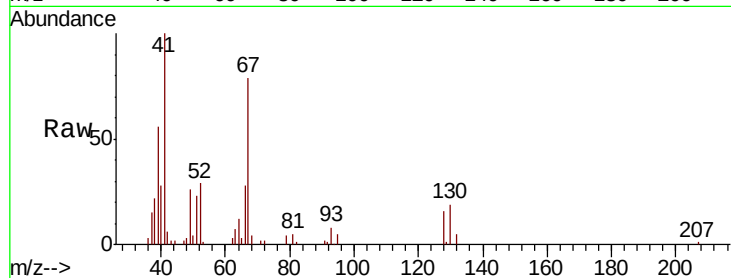




#41
Methacrylonitrile
Concen: 60.679 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

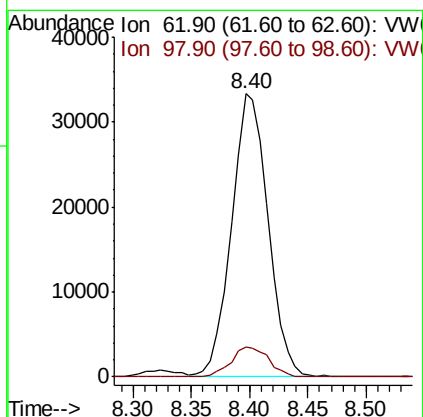
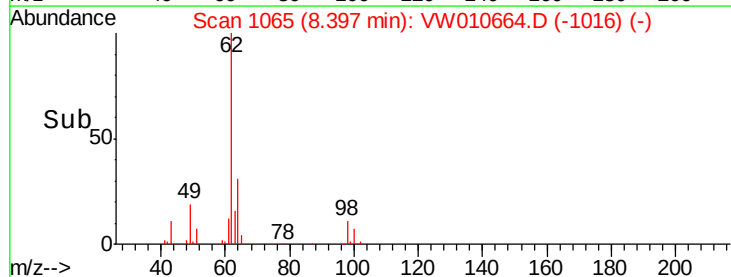
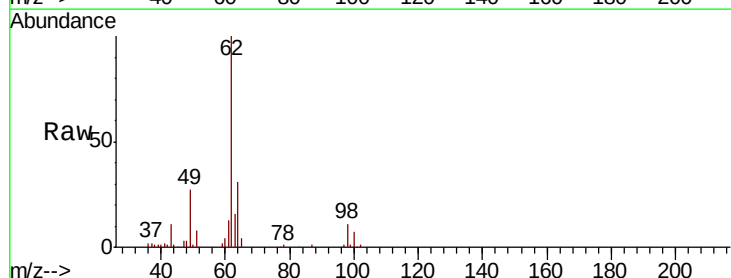
Instrument :
MSVOA_W
ClientSampled :

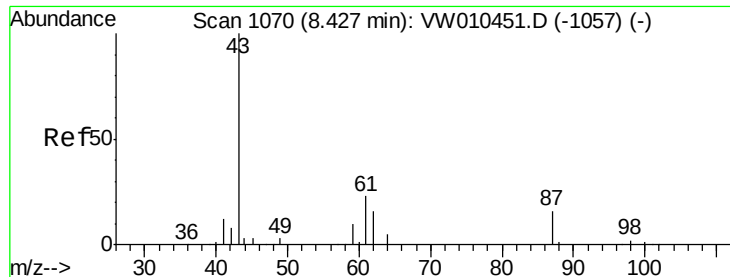
Tot Ion:	41	Resp:	25830
Ion	Ratio	Lower	Upper
41	100		
39	63.8	47.4	71.2
67	84.9	65.5	98.3
52	32.8	25.0	37.4



#42
1,2-Dichloroethane
Concen: 54.374 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion:	62	Resp:	72770
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.0





#43

Isopropyl Acetate

Concen: 54.074 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

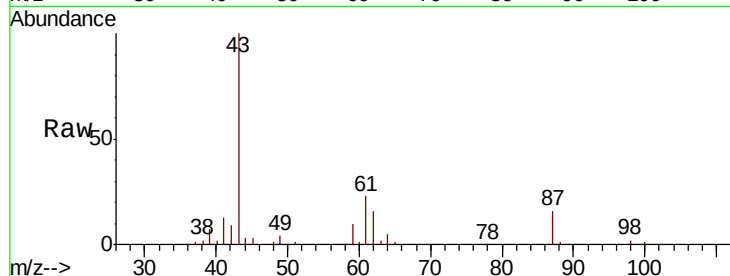
Tot Ion: 43 Resp: 77393

Ion Ratio Lower Upper

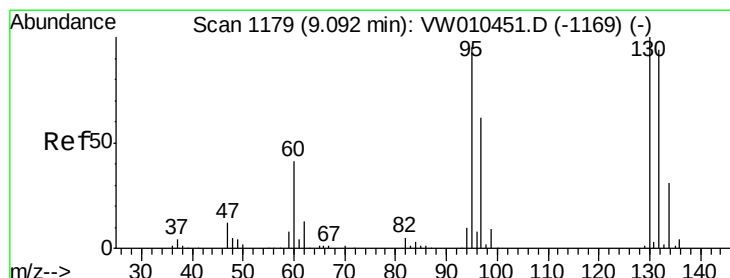
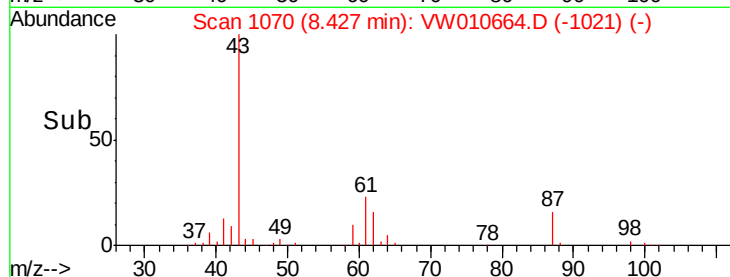
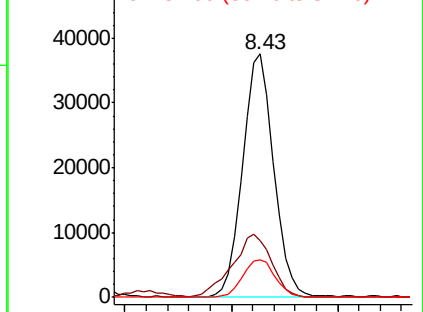
43 100

61 32.5 25.4 38.2

87 16.3 12.7 19.1



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



#44

Trichloroethene

Concen: 53.849 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010664.D

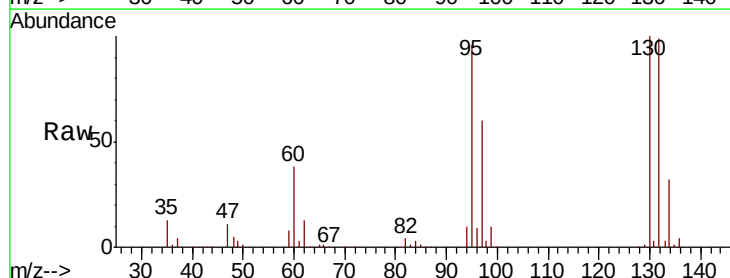
Acq: 03 Jun 2019 17:22

Tgt Ion:130 Resp: 74858

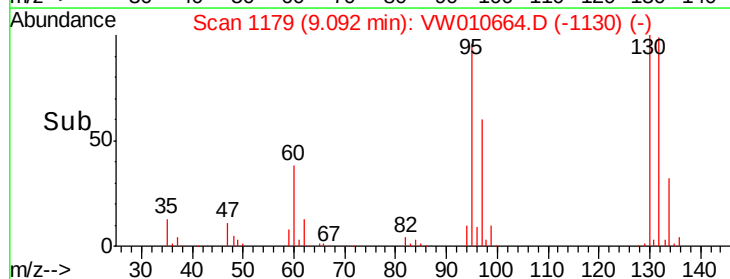
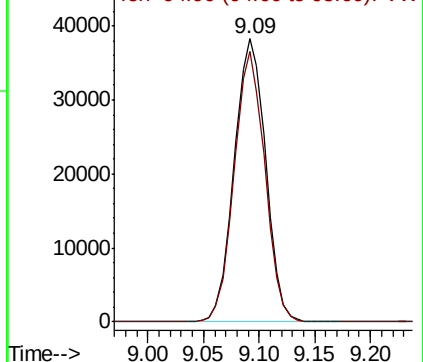
Ion Ratio Lower Upper

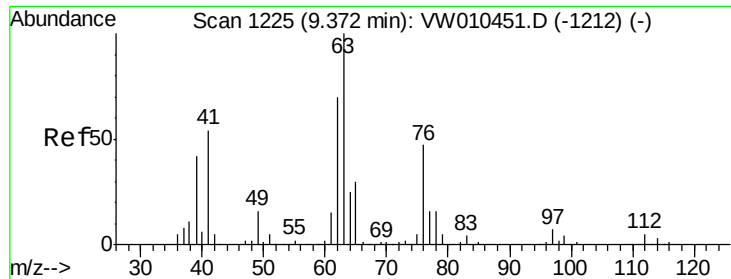
130 100

95 95.6 0.0 189.6



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

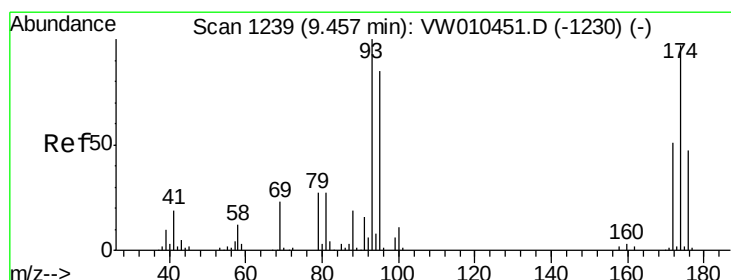
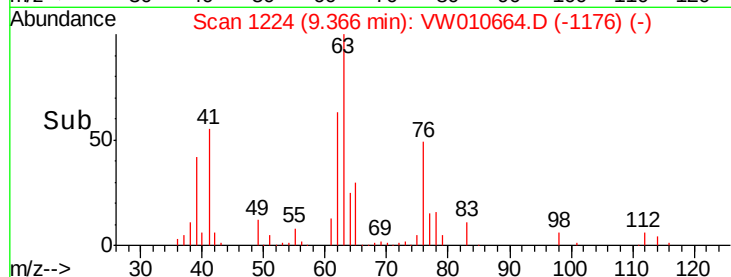
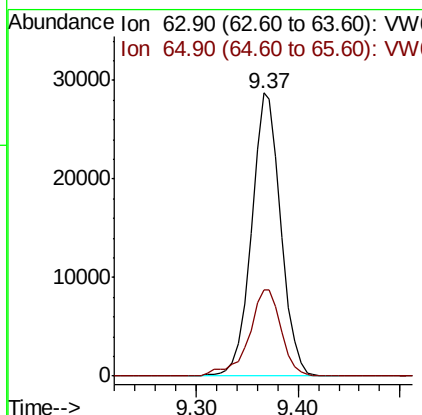
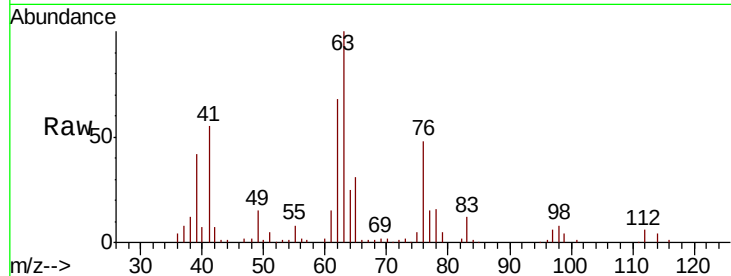




#45
 1,2-Dichloropropane
 Concen: 51.387 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

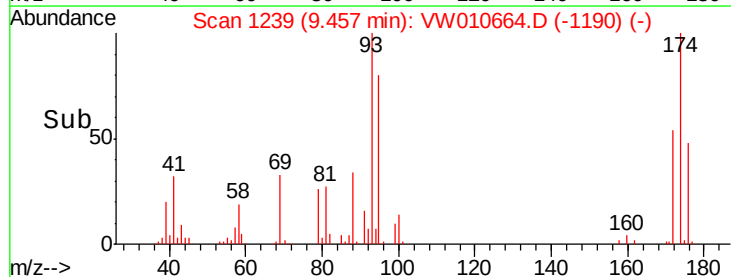
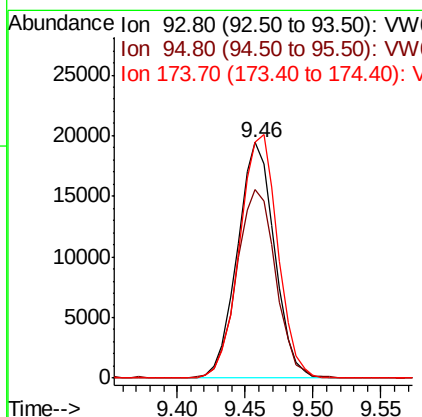
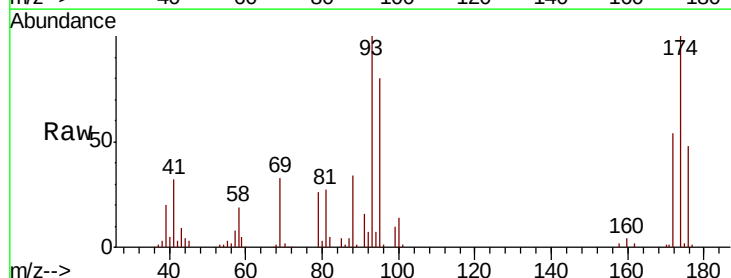
Instrument :
 MSVOA_W
 ClientSampleId :

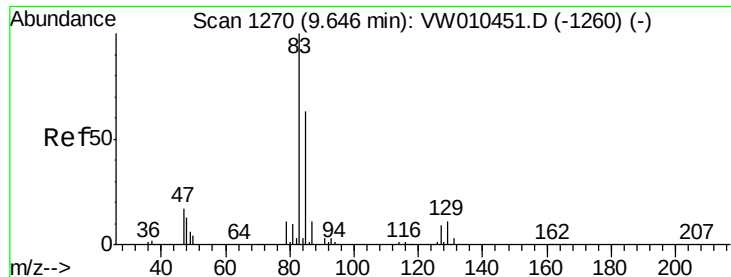
Tot Ion: 63 Resp: 57148
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.3 36.5



#46
 Dibromomethane
 Concen: 56.876 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion: 93 Resp: 36991
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.1 99.1
 174 106.6 77.1 115.7





#47

Bromodichloromethane

Concen: 50.862 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

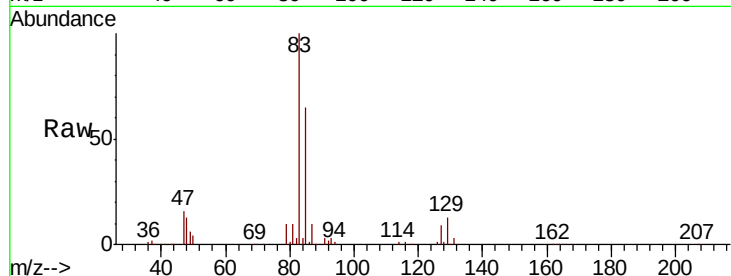
Tot Ion: 83 Resp: 83128

Ion Ratio Lower Upper

83 100

85 65.4 50.4 75.6

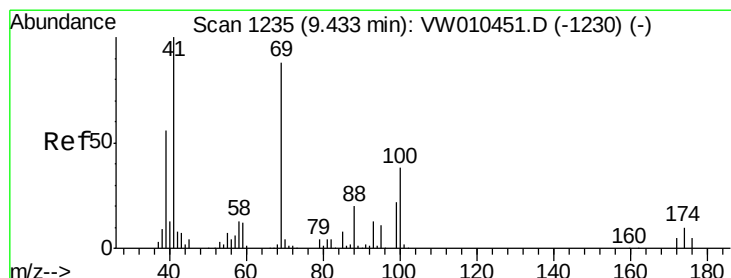
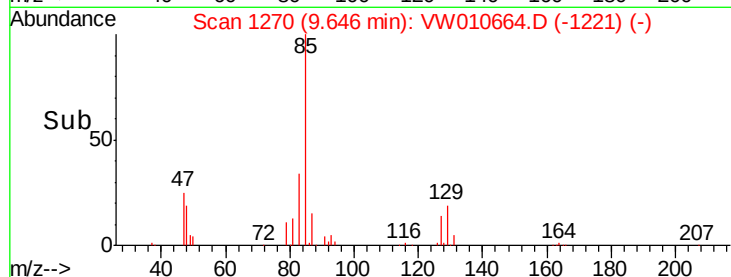
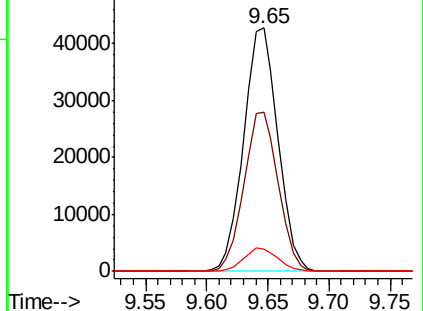
127 9.2 7.4 11.0



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: 72.595 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

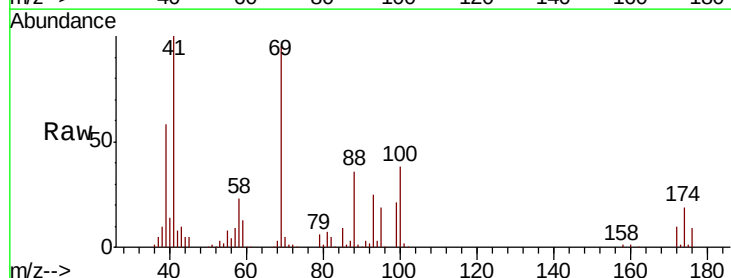
Tgt Ion: 41 Resp: 47534

Ion Ratio Lower Upper

41 100

69 99.3 77.6 116.4

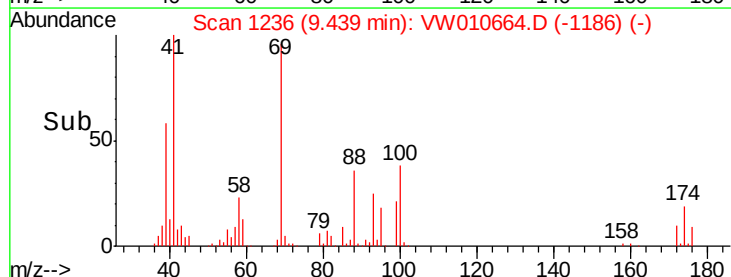
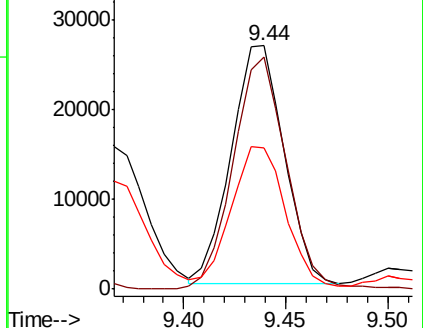
39 62.9 49.8 74.8

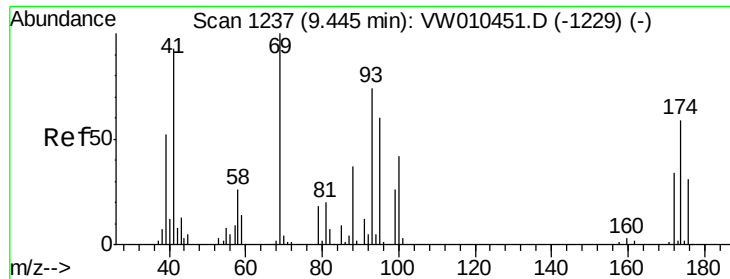


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

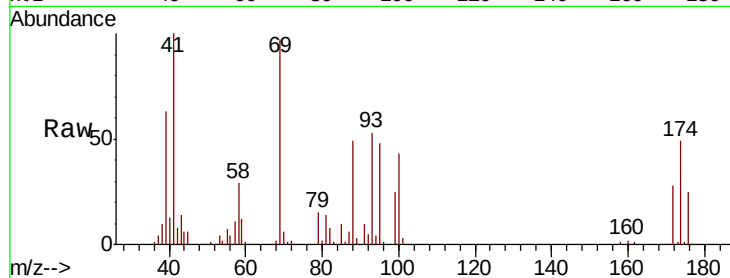




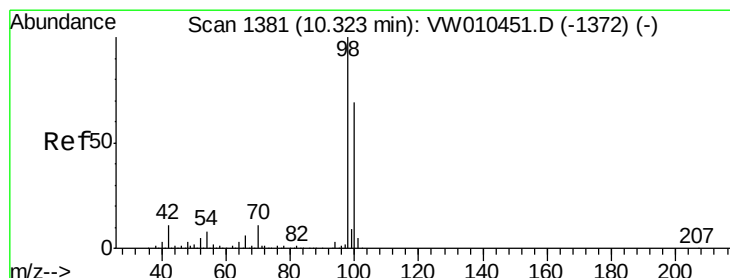
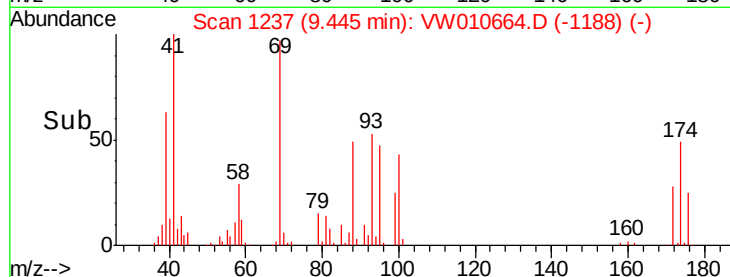
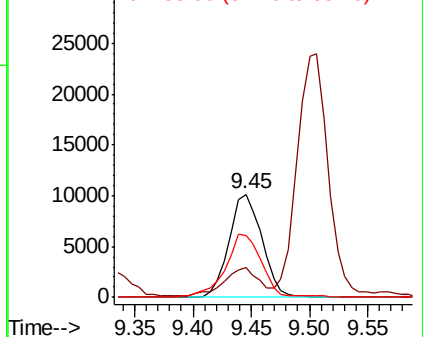
#49
1,4-Dioxane
Concen: 1889.334 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 20073
Ion Ratio Lower Upper
88 100
43 29.0 25.9 38.9
58 67.7 52.7 79.1

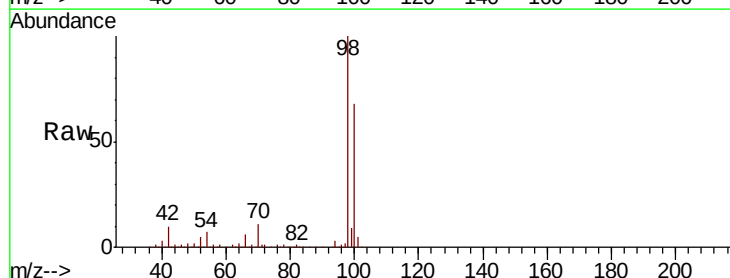


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

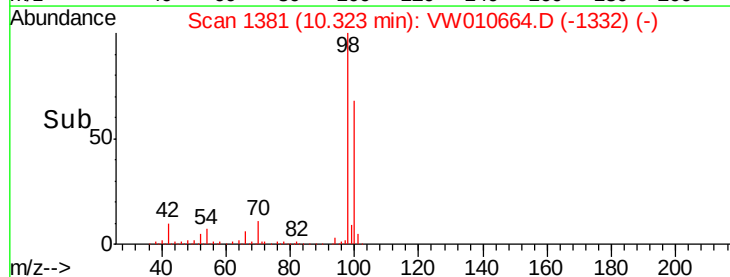
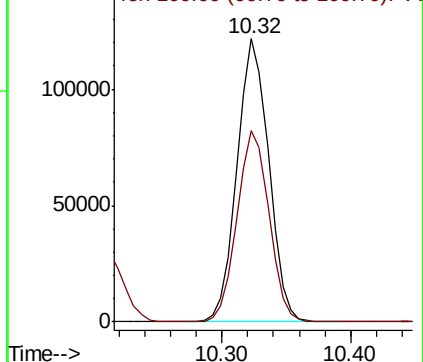


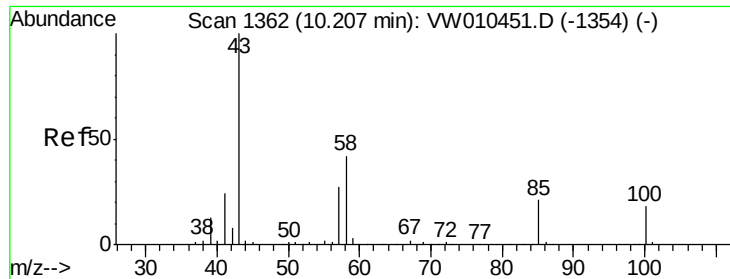
#50
Toluene-d8
Concen: 49.581 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 98 Resp: 207853
Ion Ratio Lower Upper
98 100
100 68.1 53.7 80.5



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: 342.324 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

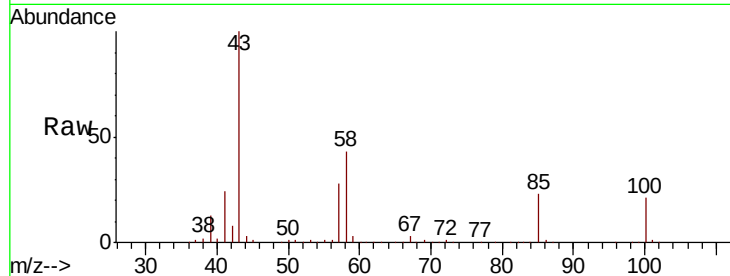
ClientSampled :

Tot Ion: 43 Resp: 248270

Ion Ratio Lower Upper

43 100

58 42.3 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

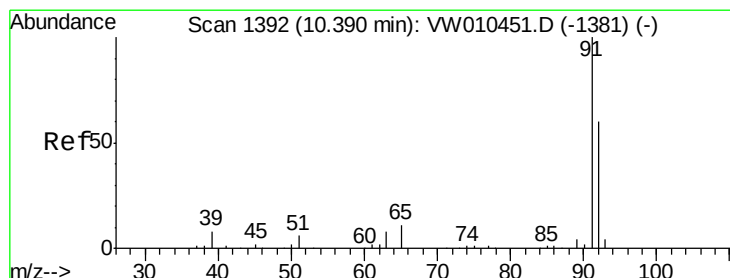
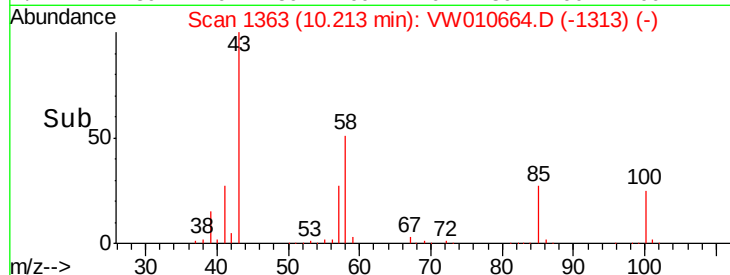
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 53.738 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010664.D

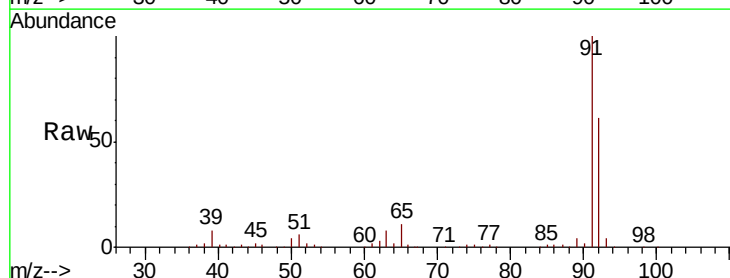
Acq: 03 Jun 2019 17:22

Tgt Ion: 92 Resp: 168990

Ion Ratio Lower Upper

92 100

91 166.8 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

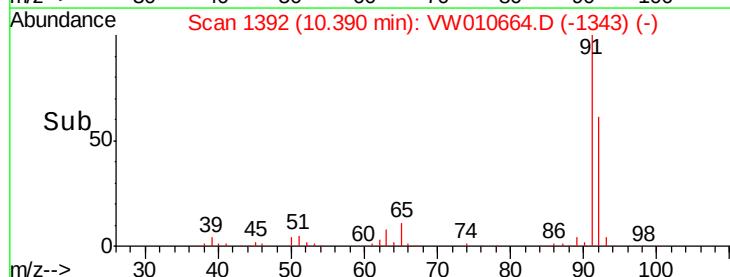
150000

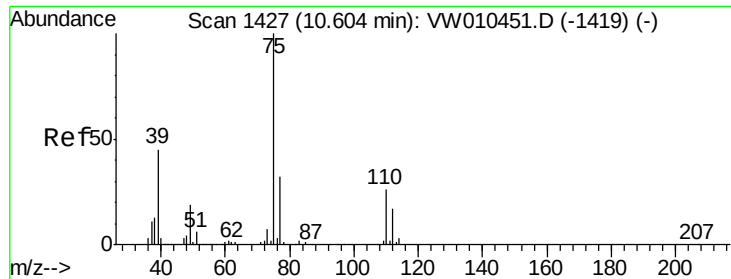
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.544 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

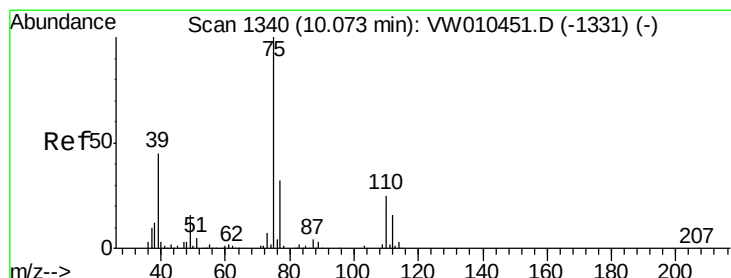
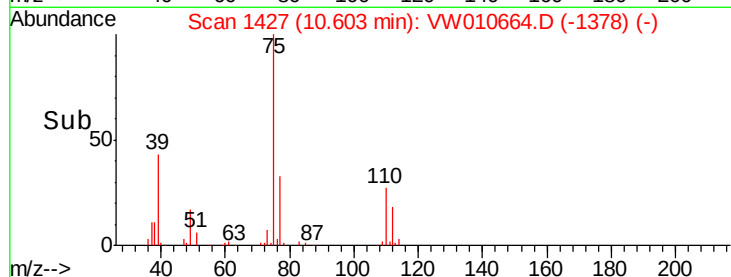
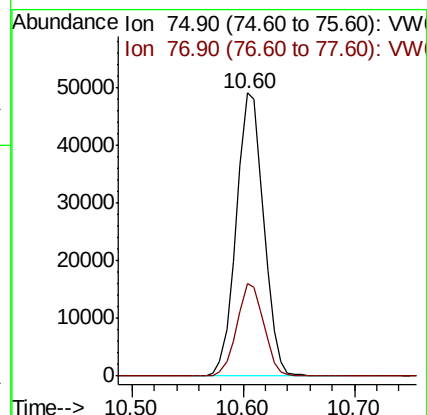
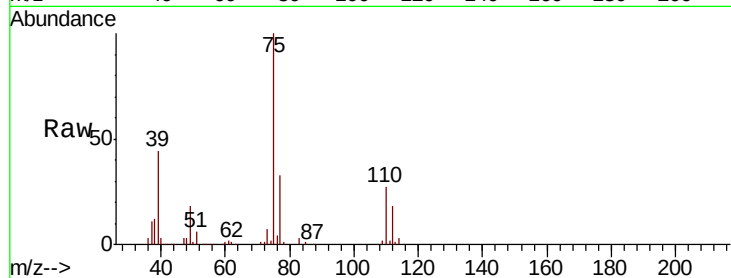
ClientSampled :

Tot Ion: 75 Resp: 83664

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.623 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

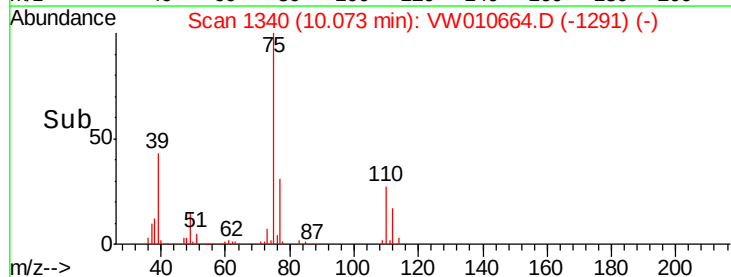
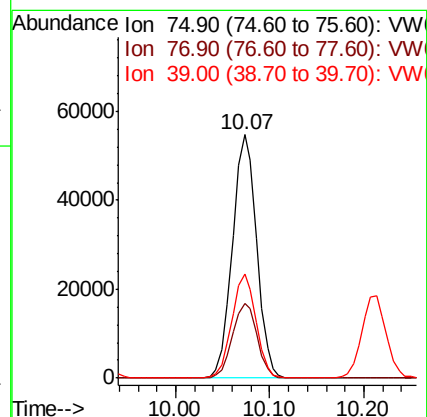
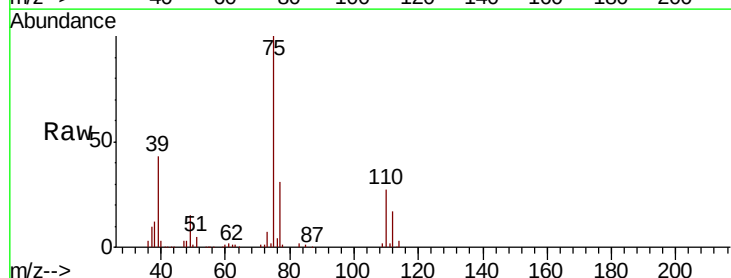
Tgt Ion: 75 Resp: 97588

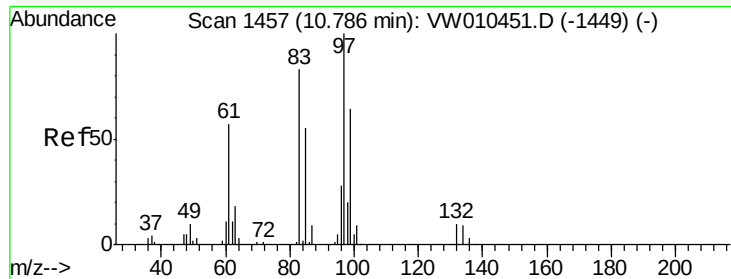
Ion Ratio Lower Upper

75 100

77 30.6 25.7 38.5

39 42.5 36.2 54.4

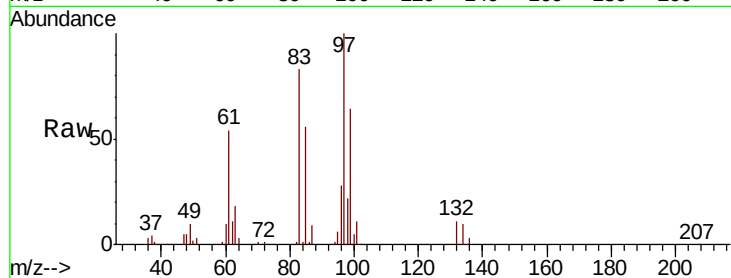




#55
 1,1,2-Trichloroethane
 Concen: 58.682 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	54883
Ion	Ratio	Lower	Upper
97	100		
83	82.9	66.1	99.1
85	56.3	44.2	66.4
99	63.5	51.1	76.7



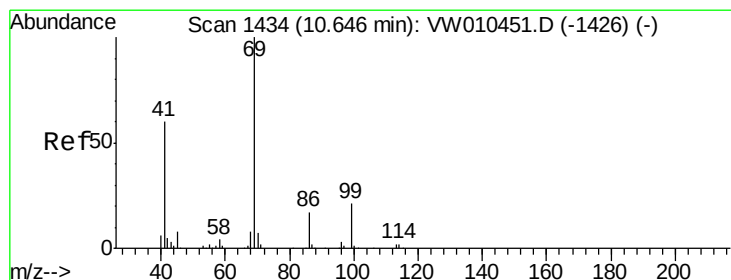
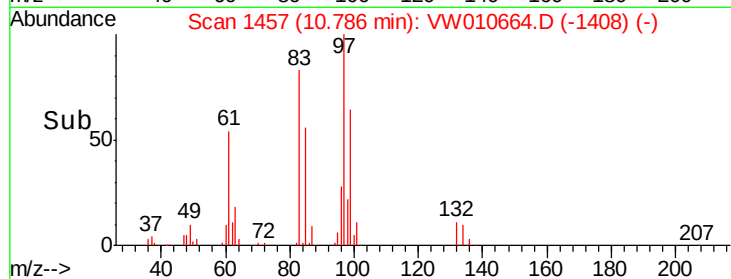
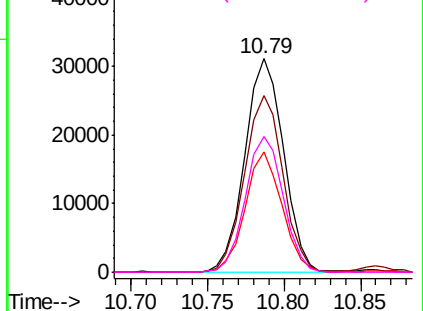
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

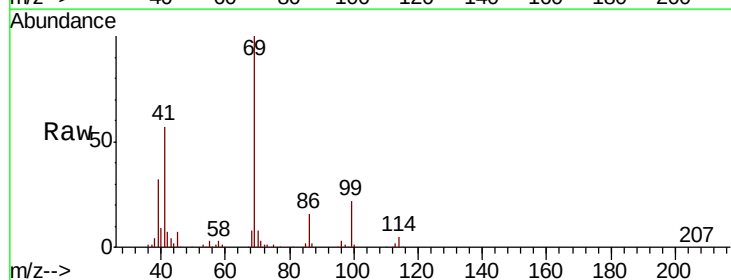
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 43.772 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion:	69	Resp:	56460
Ion	Ratio	Lower	Upper
69	100		
41	57.1	47.7	71.5
39	30.0	25.3	37.9

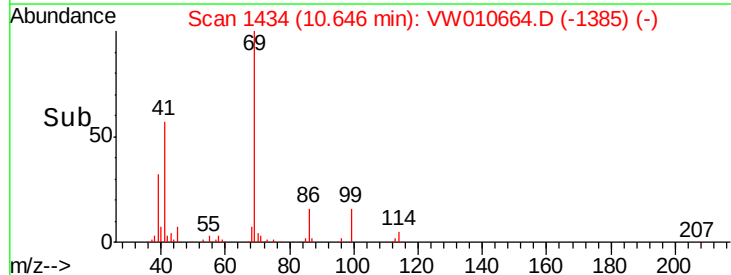
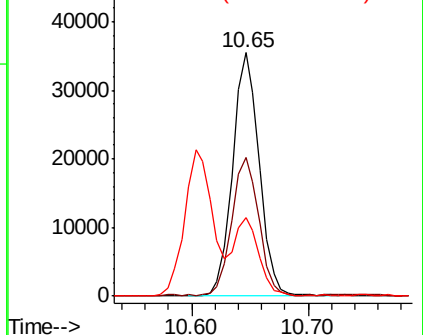


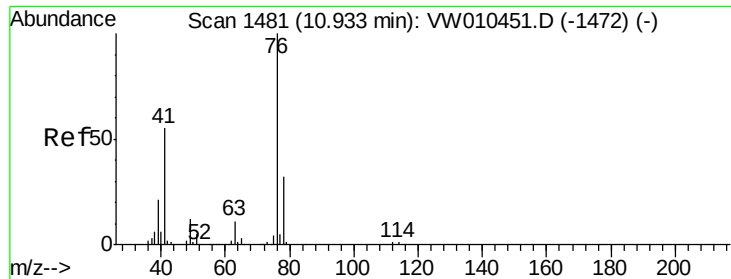
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 57.387 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

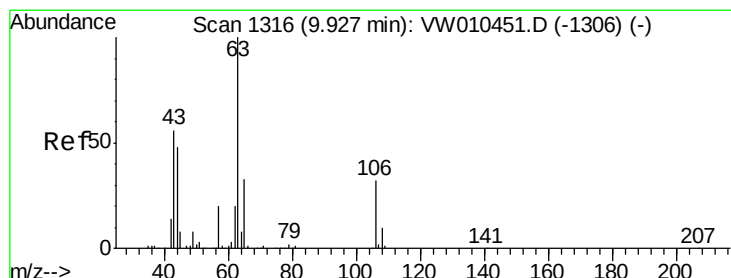
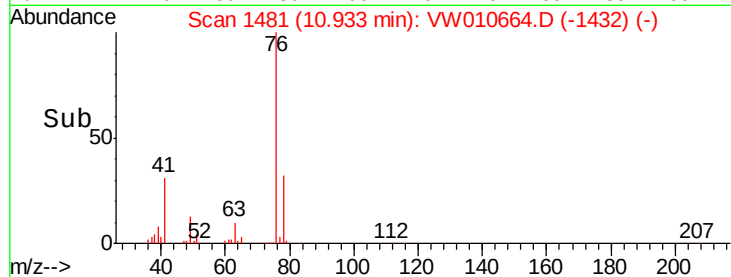
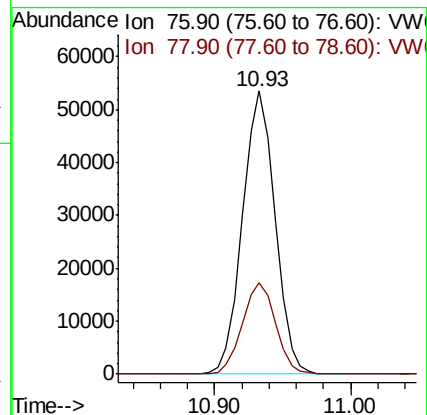
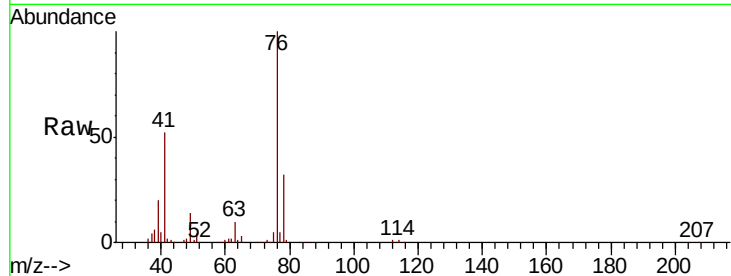
ClientSampled :

Tot Ion: 76 Resp: 89904

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 295.327 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW010664.D

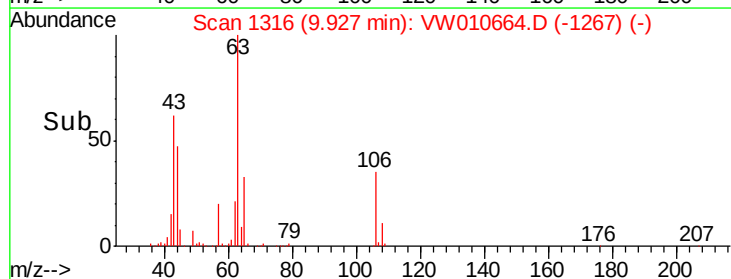
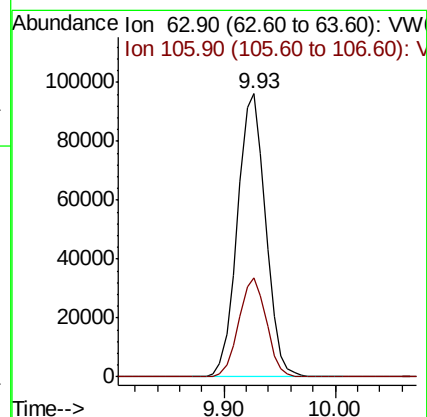
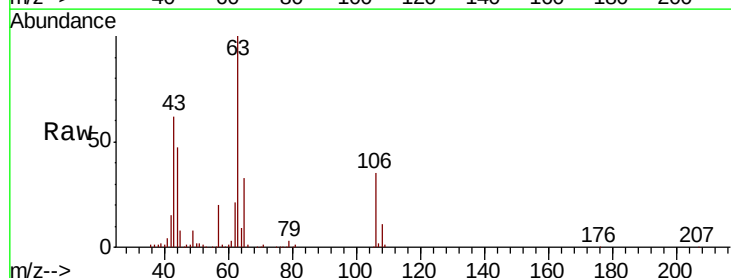
Acq: 03 Jun 2019 17:22

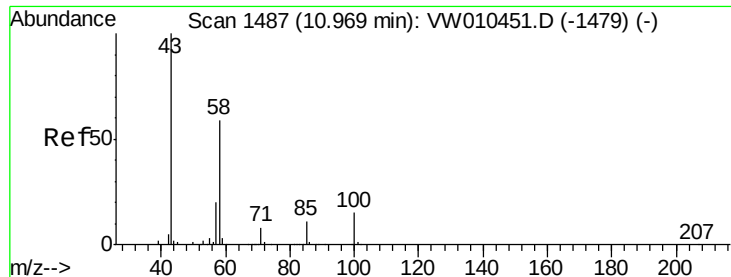
Tgt Ion: 63 Resp: 168727

Ion Ratio Lower Upper

63 100

106 34.0 25.8 38.6

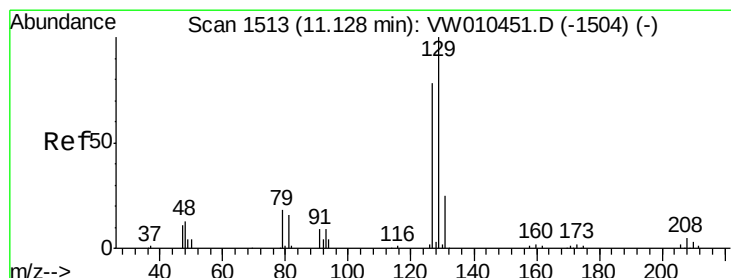
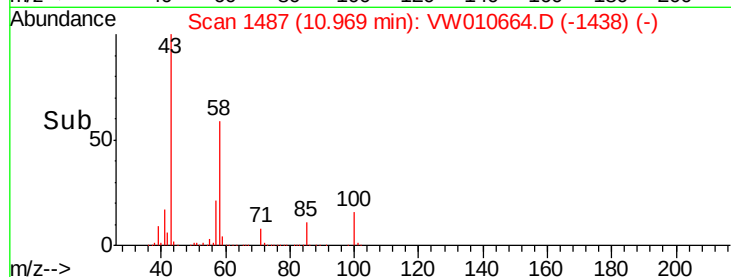
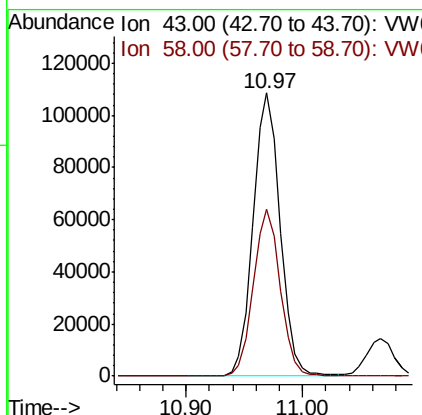
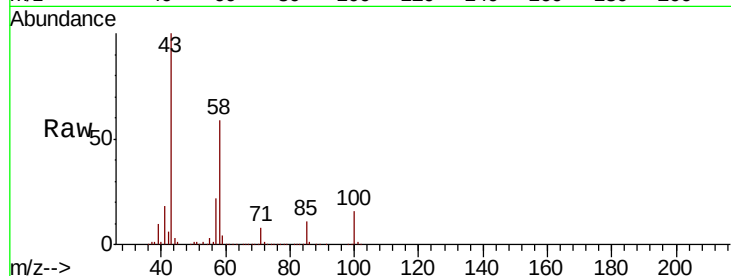




#59
2-Hexanone
Concen: 340.173 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

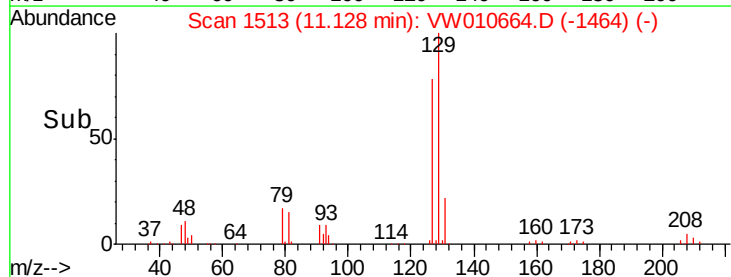
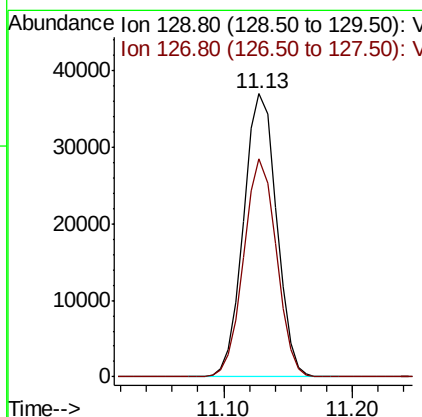
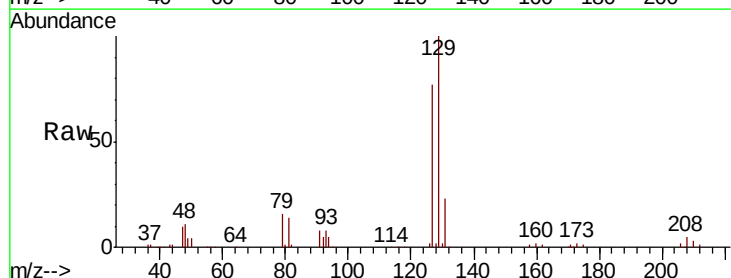
Instrument :
MSVOA_W
ClientSampled :

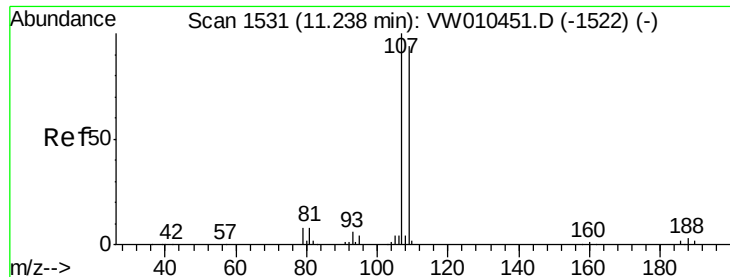
Tot Ion: 43 Resp: 175990
Ion Ratio Lower Upper
43 100
58 58.7 28.9 86.8



#60
Dibromochloromethane
Concen: 55.270 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 129 Resp: 65421
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7

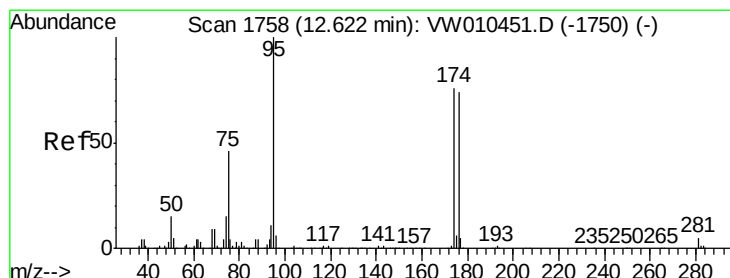
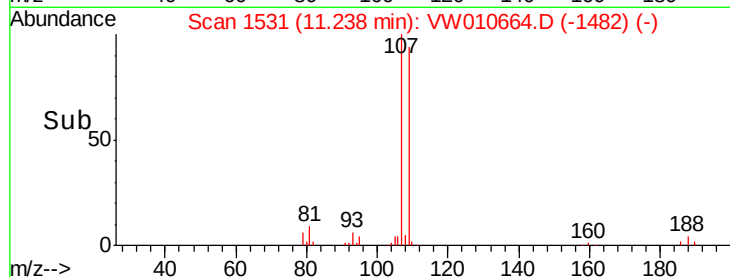
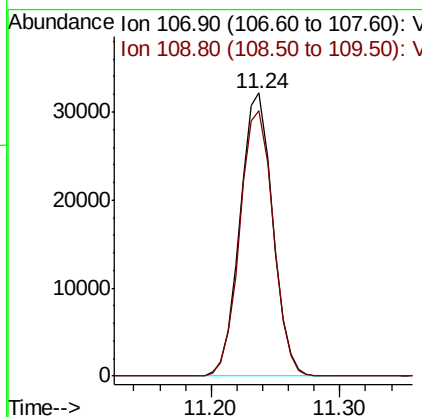
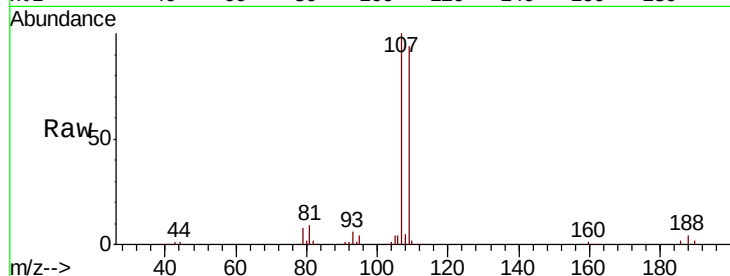




#61
 1,2-Dibromoethane
 Concen: 59.411 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

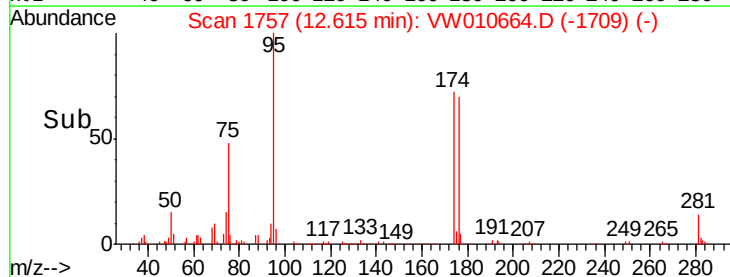
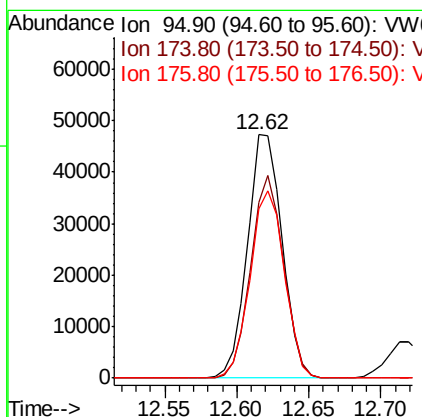
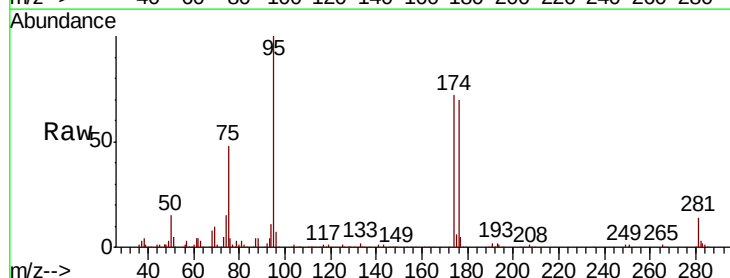
Instrument :
 MSVOA_W
 ClientSampleId :

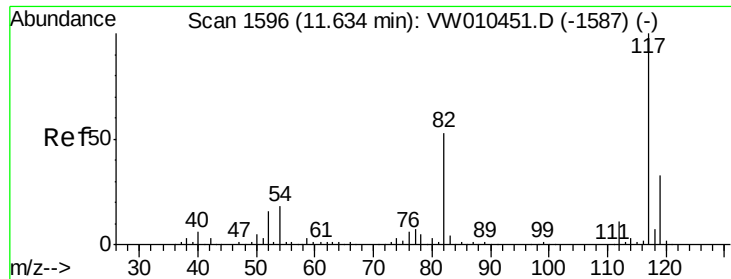
Tot Ion: 107 Resp: 56286
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 47.089 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion: 95 Resp: 78630
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 148.6
 176 76.2 0.0 144.2

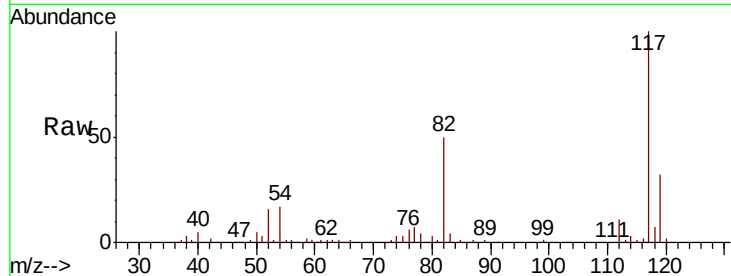




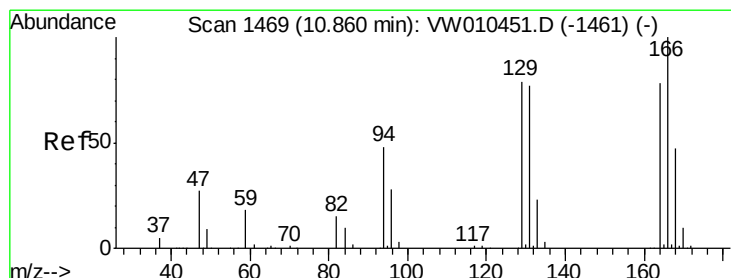
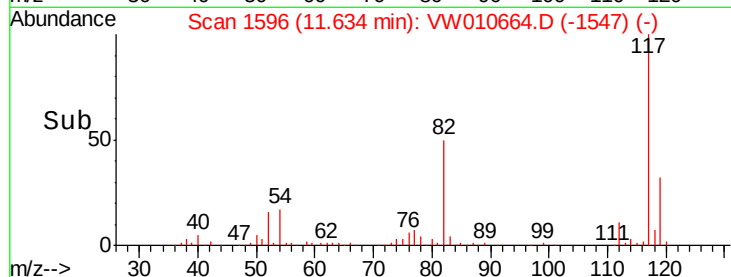
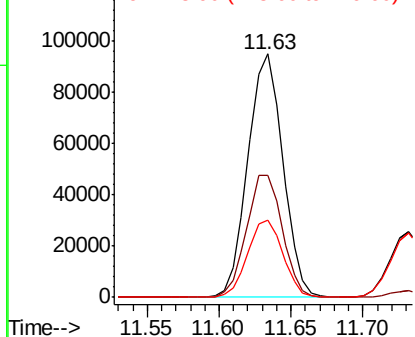
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 159725
Ion Ratio Lower Upper
117 100
82 50.2 42.8 64.2
119 31.8 26.3 39.5

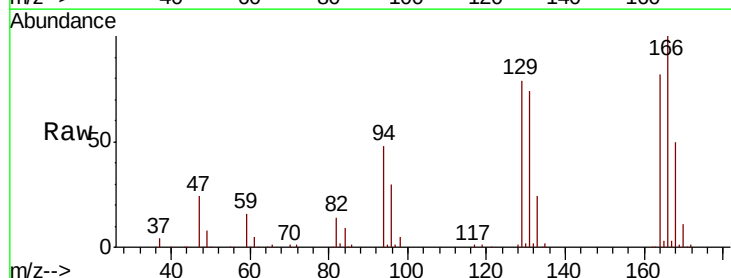


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

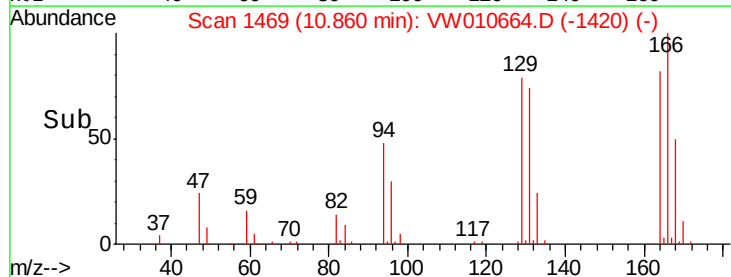
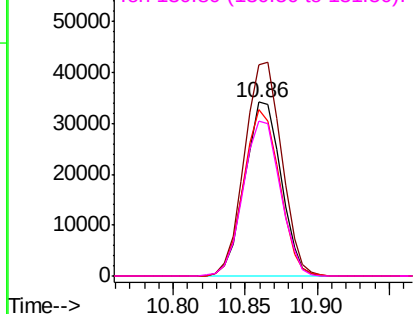


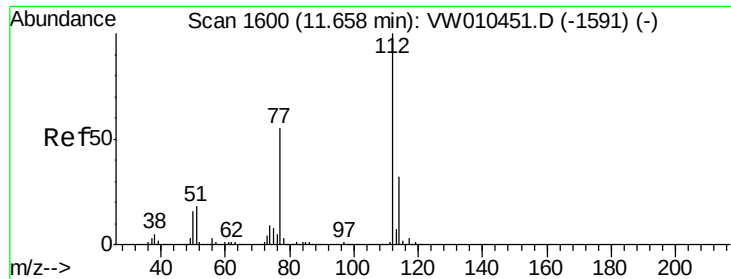
#64
Tetrachloroethene
Concen: 53.493 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion:164 Resp: 59561
Ion Ratio Lower Upper
164 100
166 121.5 101.9 152.9
129 96.2 80.6 121.0
131 89.4 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

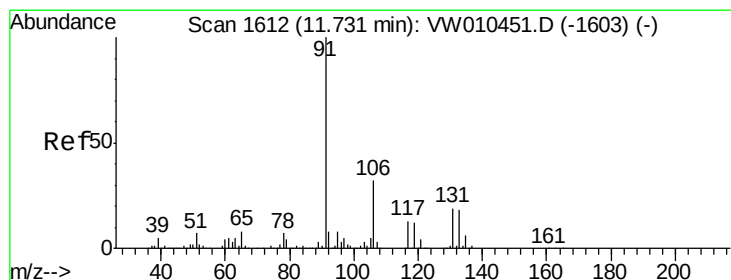
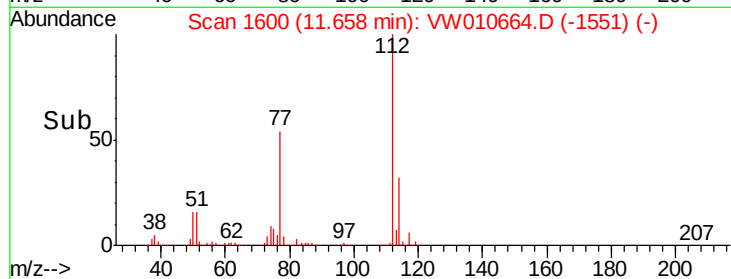
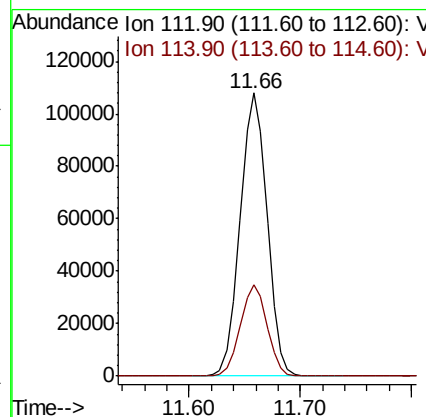
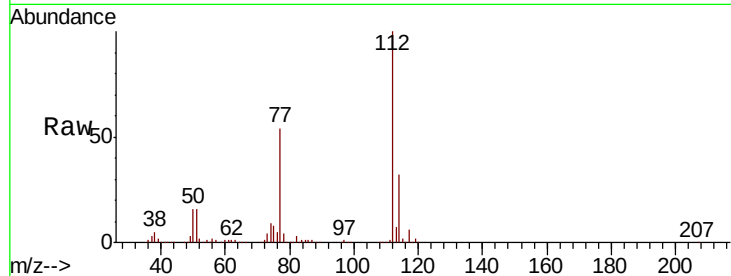




#65
Chlorobenzene
Concen: 53.064 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

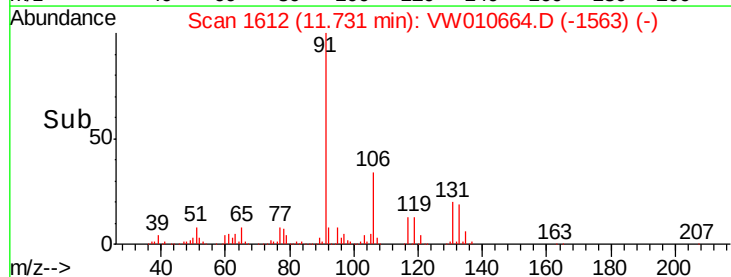
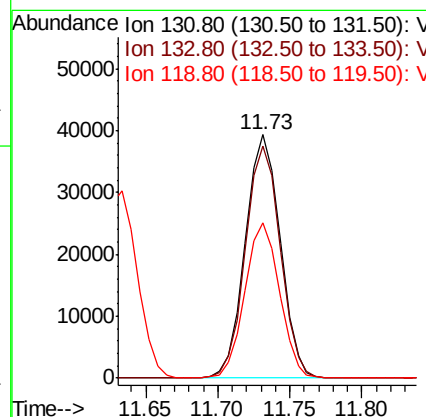
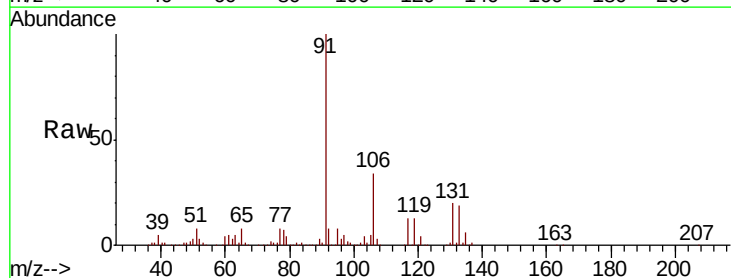
Instrument :
MSVOA_W
ClientSampleId :

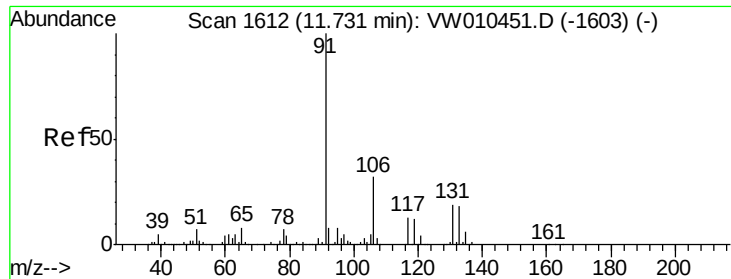
Tot Ion:112 Resp: 180635
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.219 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion:131 Resp: 66116
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 63.2 32.1 96.5

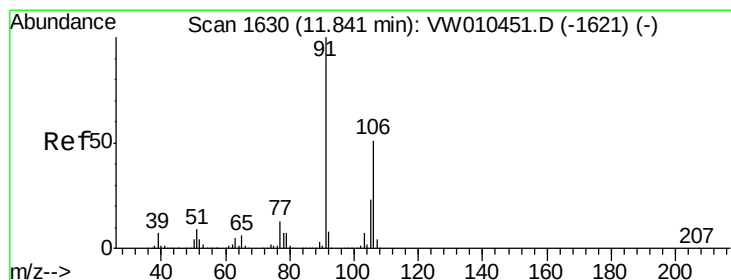
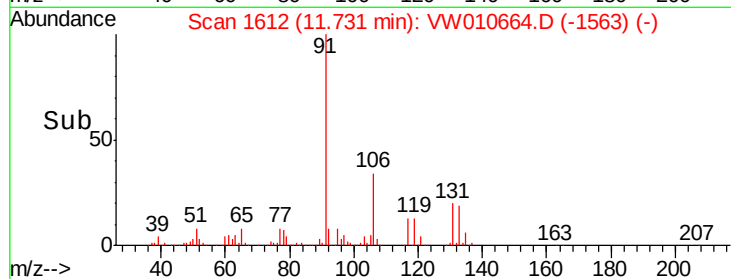
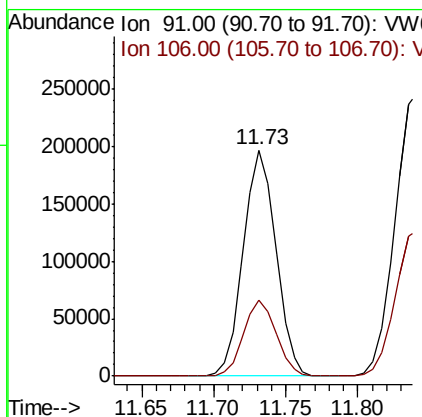
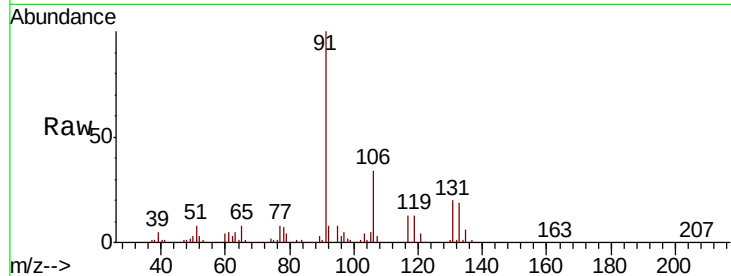




#67
Ethyl Benzene
Concen: 51.581 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

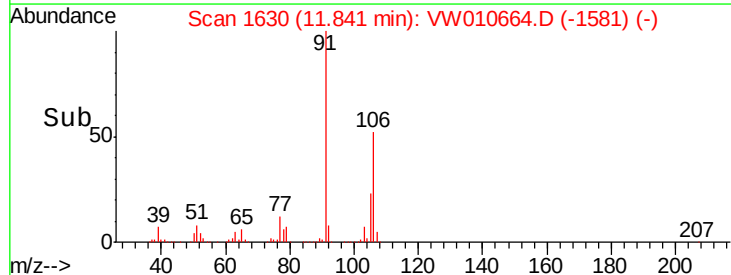
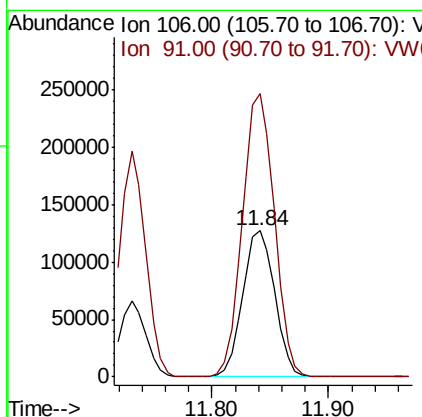
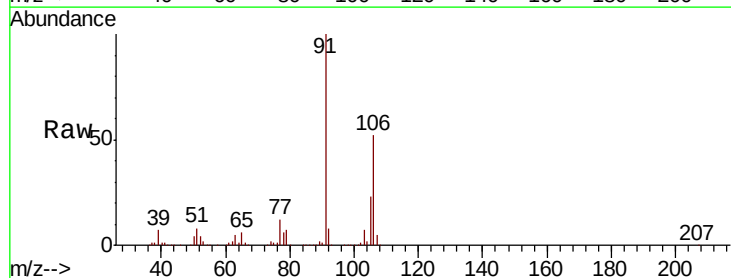
Instrument :
MSVOA_W
ClientSampled :

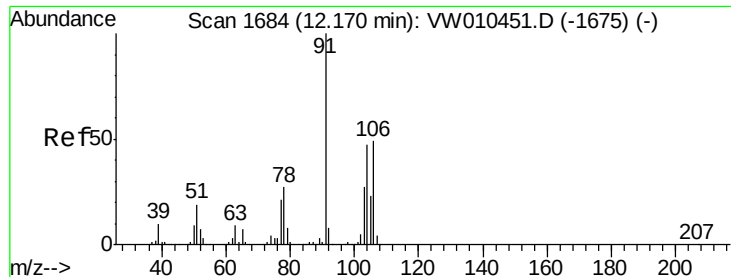
Tot Ion: 91 Resp: 310009
Ion Ratio Lower Upper
91 100
106 33.6 25.9 38.9



#68
m/p-Xylenes
Concen: 103.877 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 106 Resp: 244874
Ion Ratio Lower Upper
106 100
91 193.1 156.0 234.0

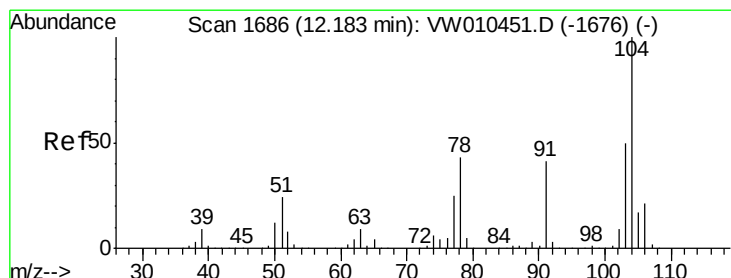
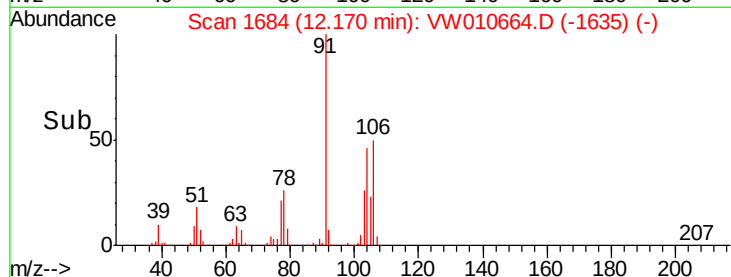
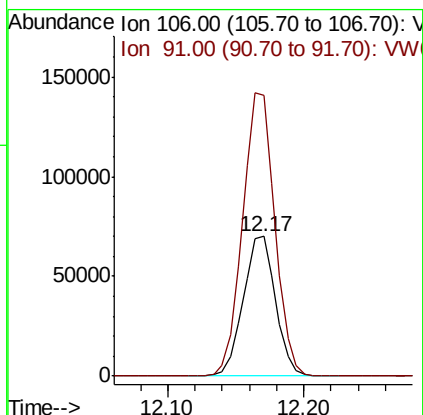
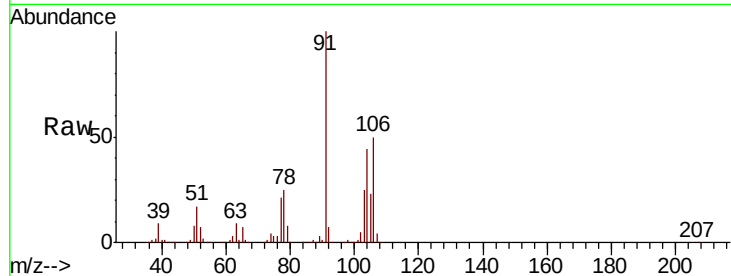




#69
o-Xylene
Concen: 51.978 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

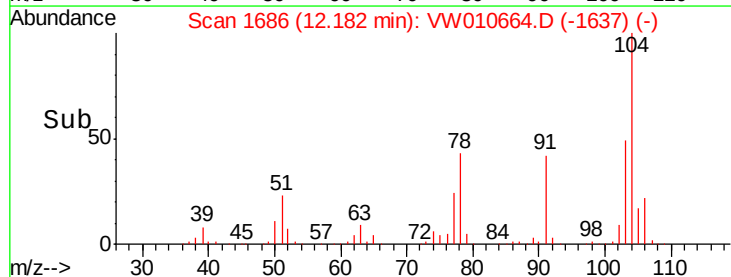
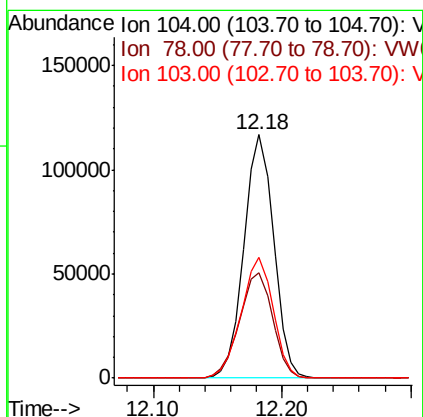
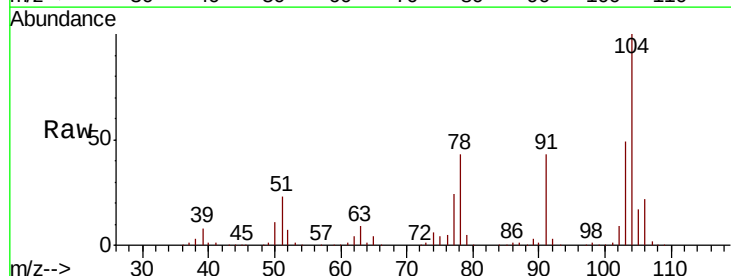
Instrument :
MSVOA_W
ClientSampleId :

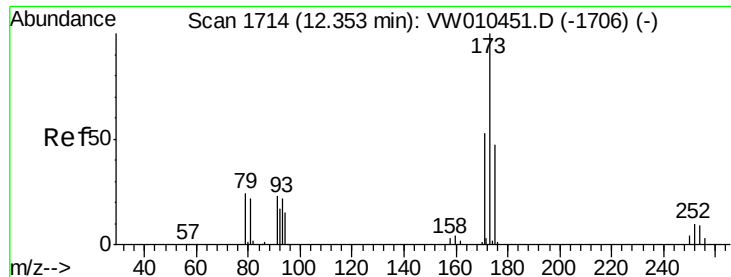
Tot Ion:106 Resp: 116092
Ion Ratio Lower Upper
106 100
91 202.4 103.2 309.4



#70
Styrene
Concen: 49.175 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion:104 Resp: 186353
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 53.6 43.0 64.6





#71

Bromoform

Concen: 58.828 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

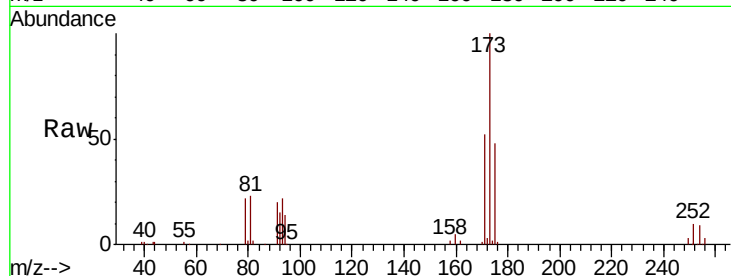
Tot Ion:173 Resp: 39504

Ion Ratio Lower Upper

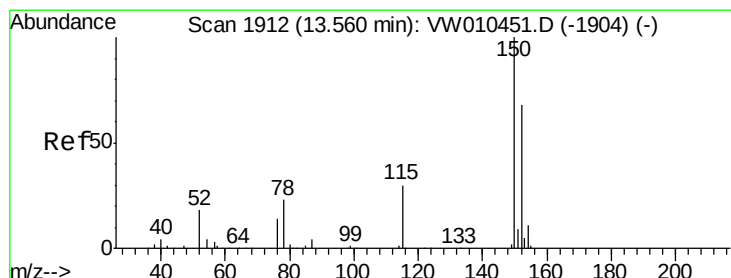
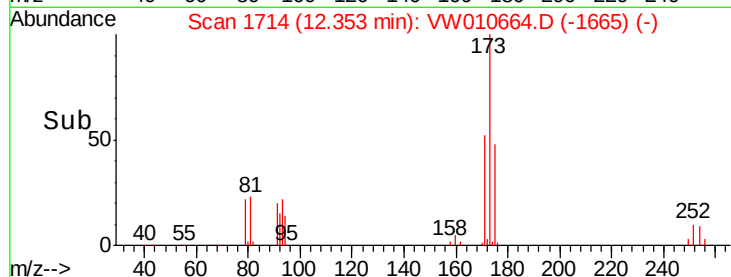
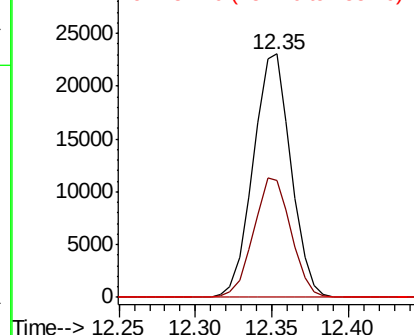
173 100

175 48.6 24.4 73.4

254 0.1 0.0 0.0#



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: VW010664.D

Acq: 03 Jun 2019 17:22

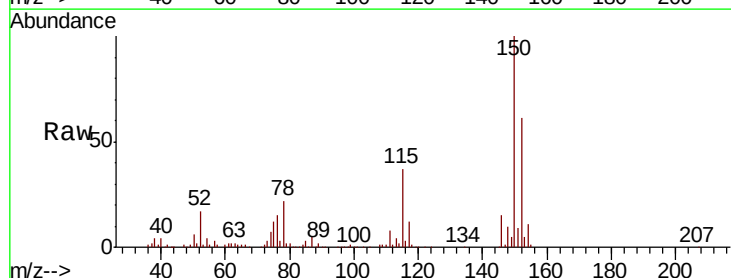
Tgt Ion:152 Resp: 75332

Ion Ratio Lower Upper

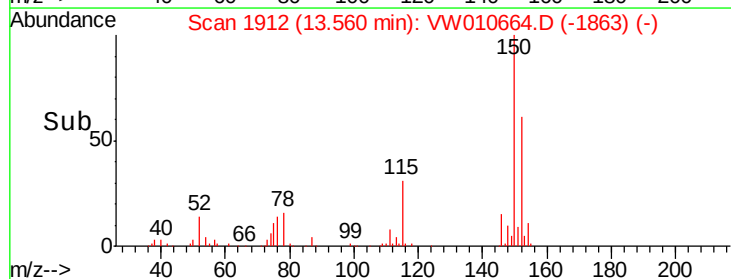
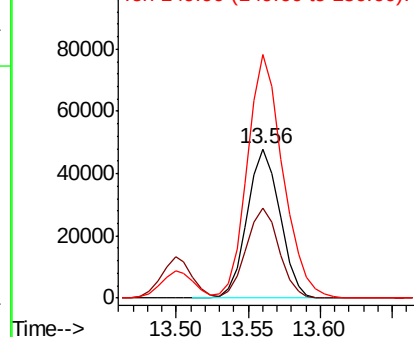
152 100

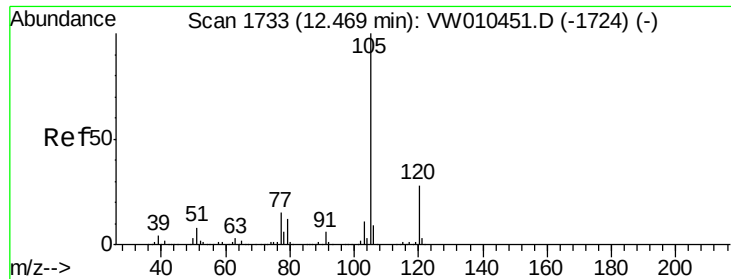
115 60.8 30.3 91.0

150 177.4 0.0 349.8



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





#73

Isopropylbenzene

Concen: 51.406 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

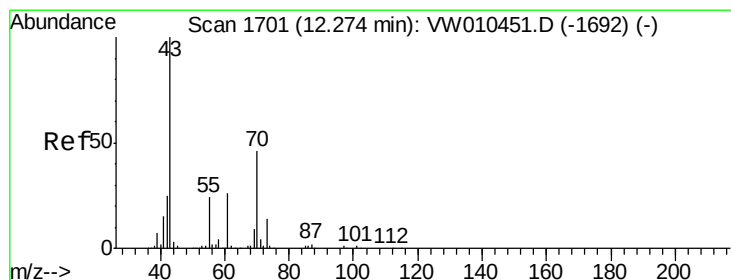
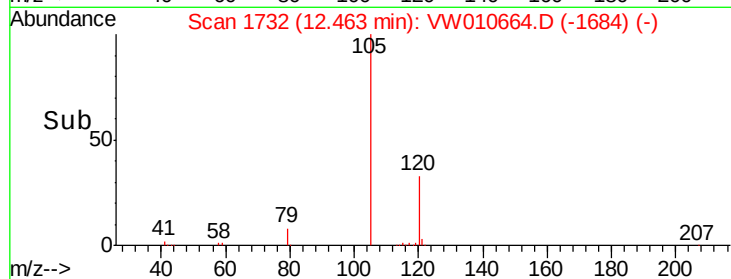
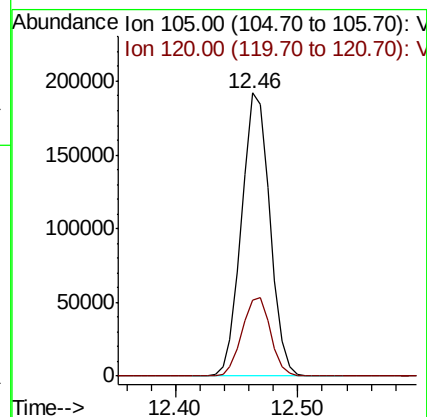
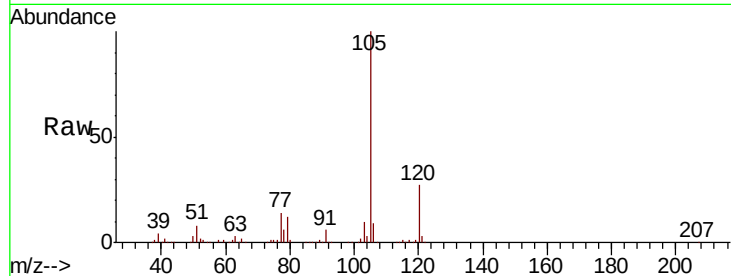
ClientSampleId :

Tot Ion:105 Resp: 307295

Ion Ratio Lower Upper

105 100

120 28.0 13.9 41.7



#74

N-ethyl acetate

Concen: 6.309 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Tgt Ion: 43 Resp: 8642

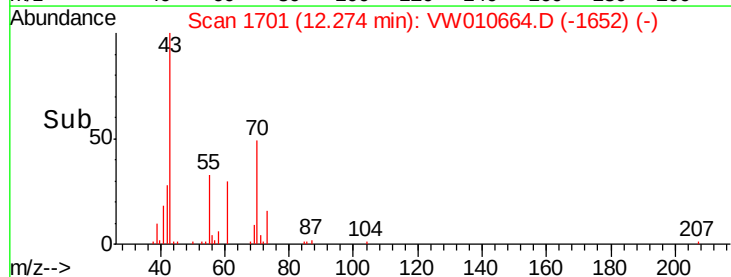
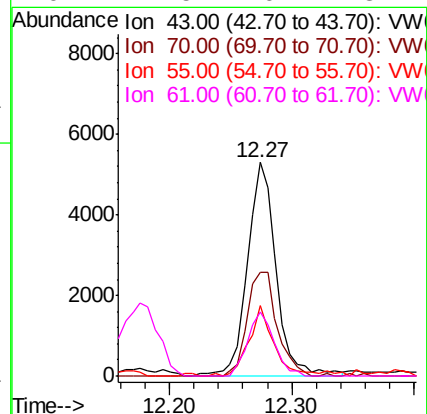
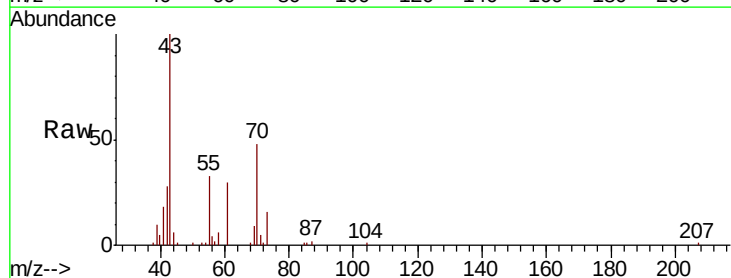
Ion Ratio Lower Upper

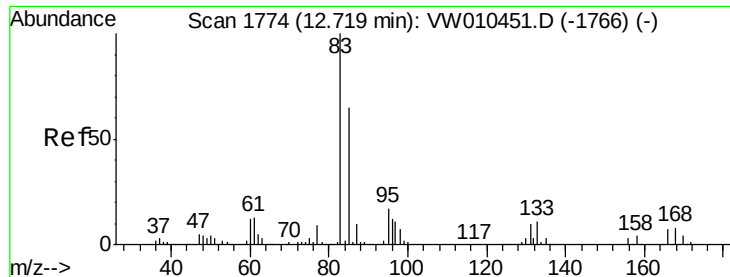
43 100

70 50.6 37.1 55.7

55 28.4 19.6 29.4

61 27.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 62.411 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

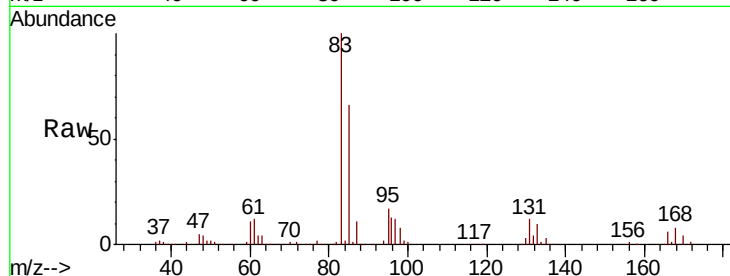
Tot Ion: 83 Resp: 67859

Ion Ratio Lower Upper

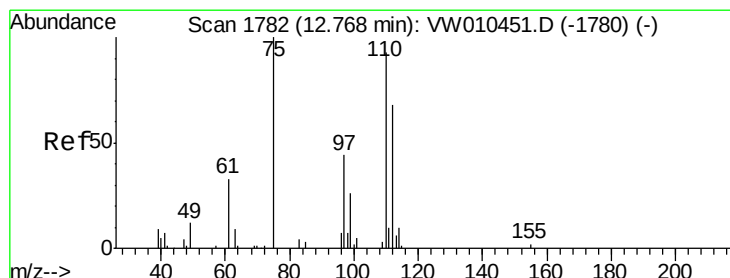
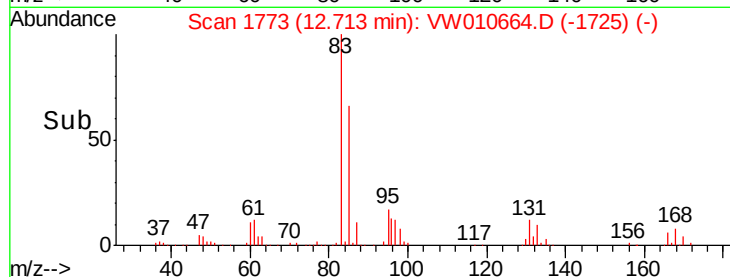
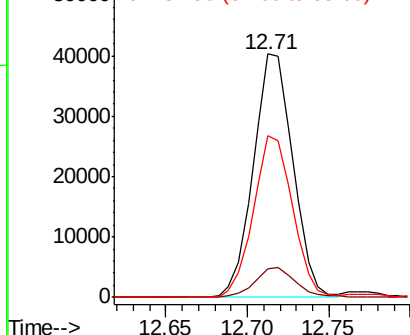
83 100

131 12.6 5.6 16.8

85 65.9 32.4 97.0



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: 112.686 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010664.D

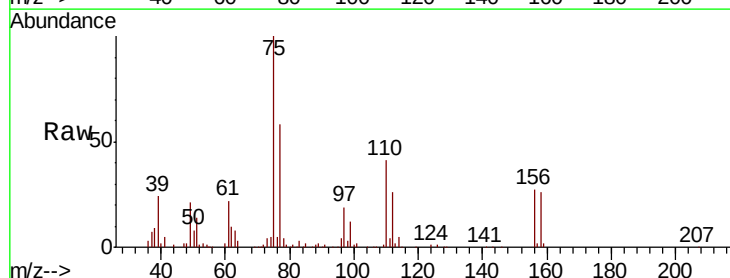
Acq: 03 Jun 2019 17:22

Tgt Ion: 75 Resp: 86167

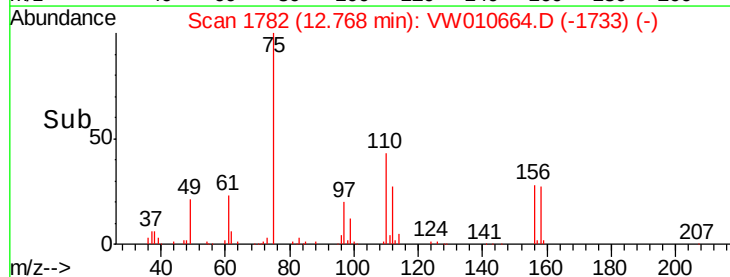
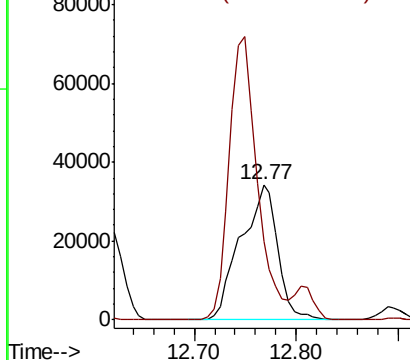
Ion Ratio Lower Upper

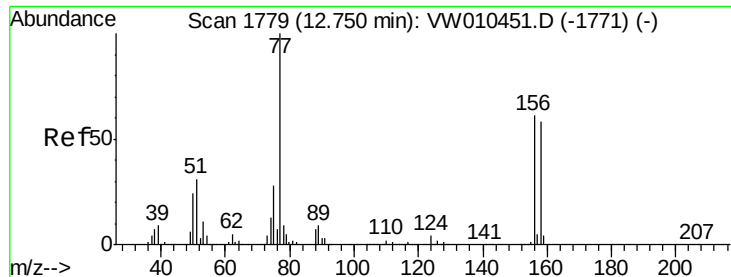
75 100

77 159.3 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 57.182 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

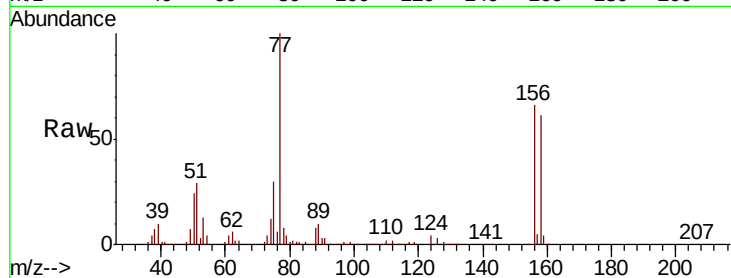
Tot Ion:156 Resp: 76495

Ion Ratio Lower Upper

156 100

77 179.4 92.4 277.2

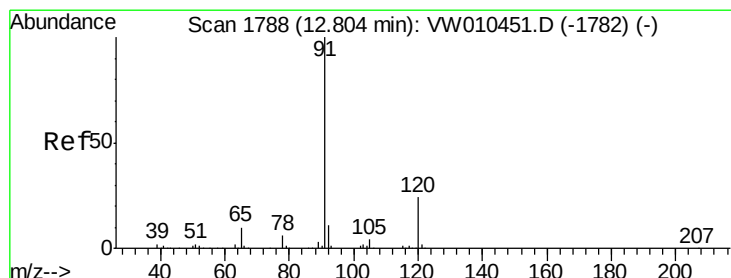
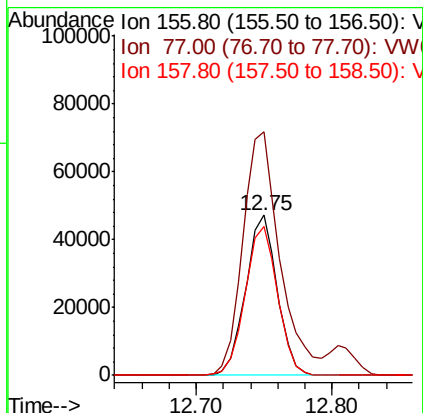
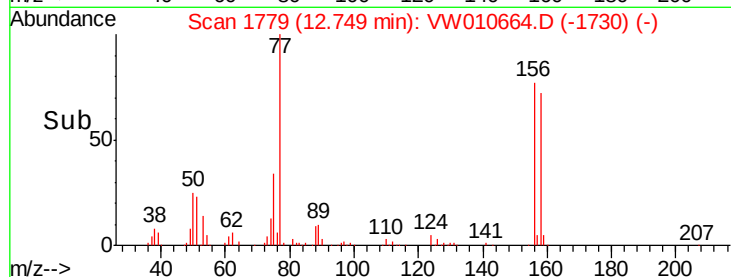
158 95.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.802 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010664.D

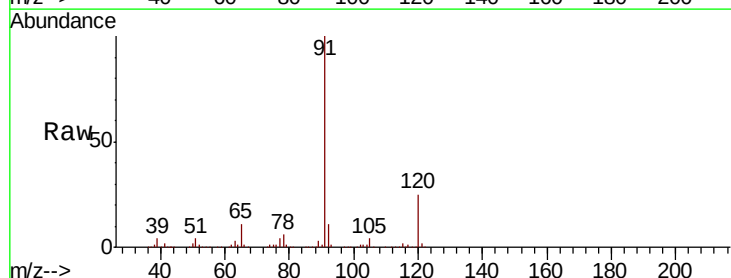
Acq: 03 Jun 2019 17:22

Tgt Ion: 91 Resp: 339978

Ion Ratio Lower Upper

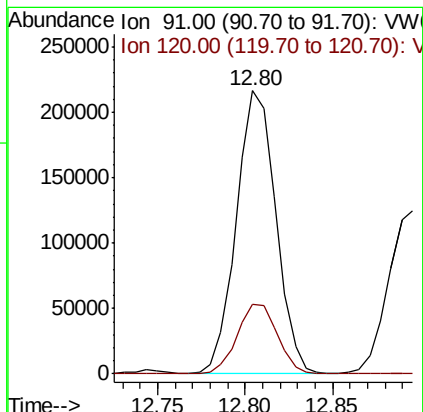
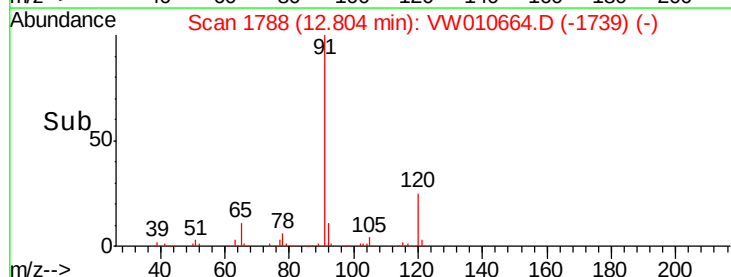
91 100

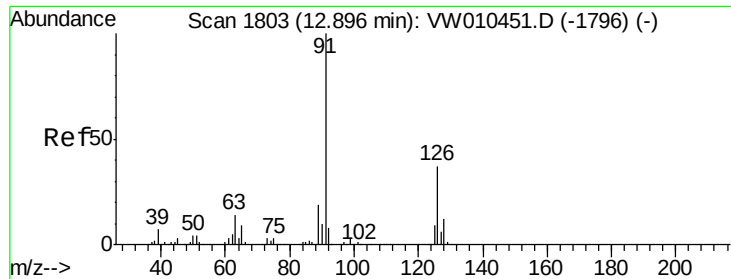
120 25.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.934 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

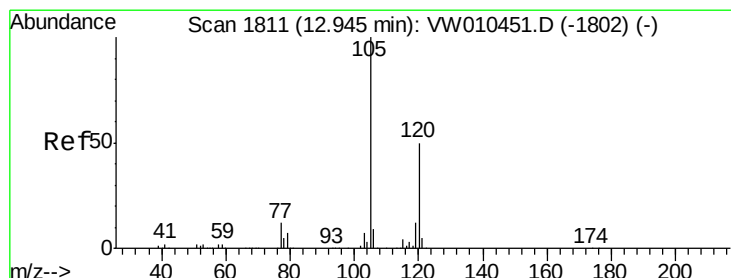
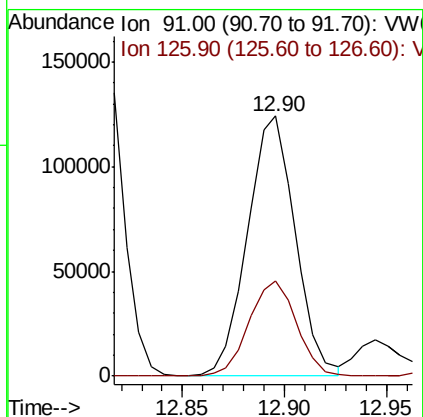
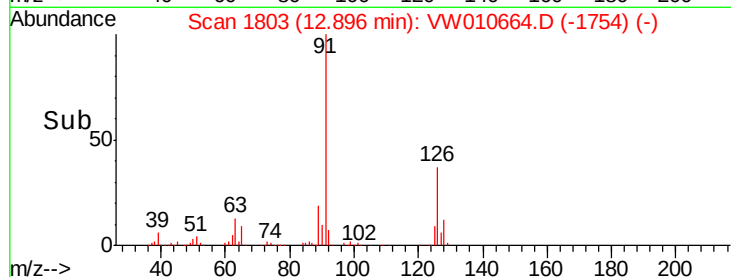
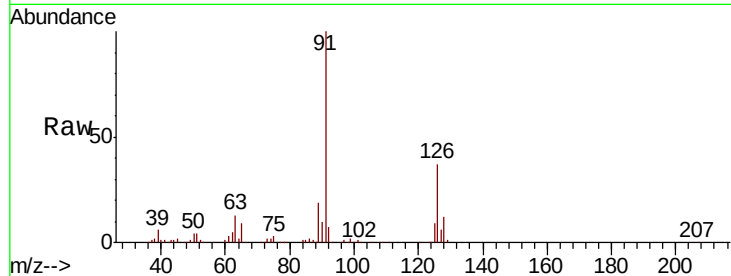
ClientSampleId :

Tot Ion: 91 Resp: 201731

Ion Ratio Lower Upper

91 100

126 36.6 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 49.213 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010664.D

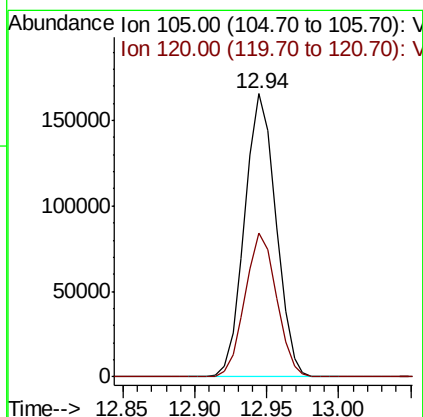
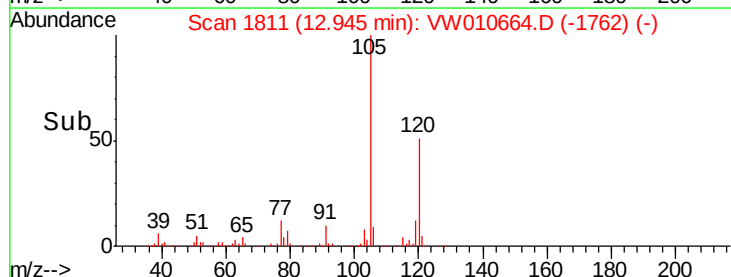
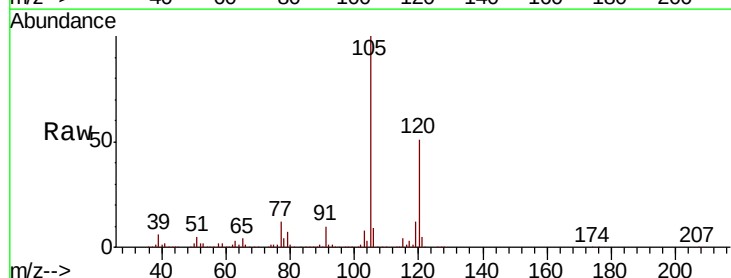
Acq: 03 Jun 2019 17:22

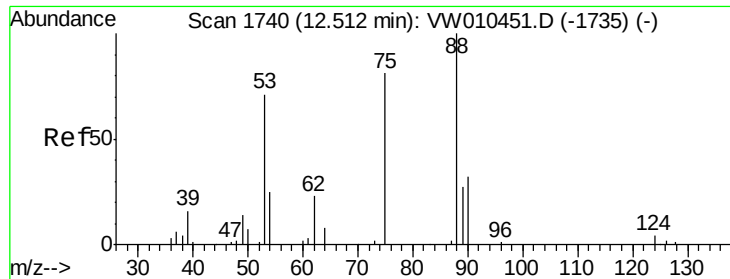
Tgt Ion:105 Resp: 249158

Ion Ratio Lower Upper

105 100

120 51.2 25.2 75.6

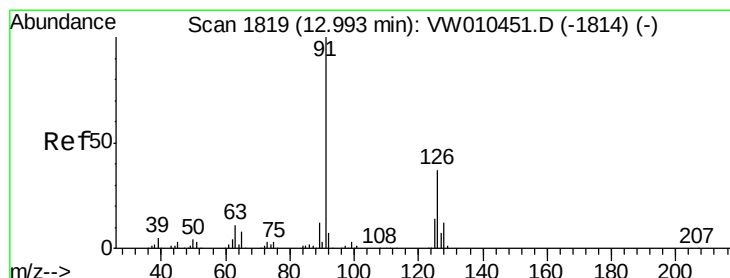
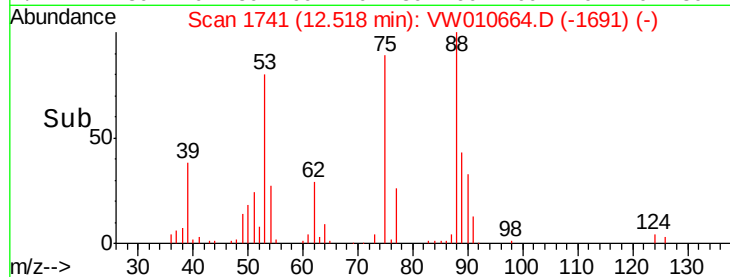
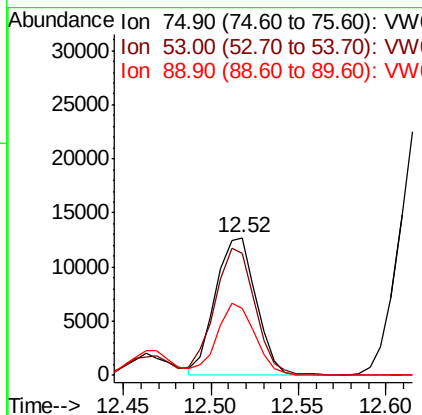
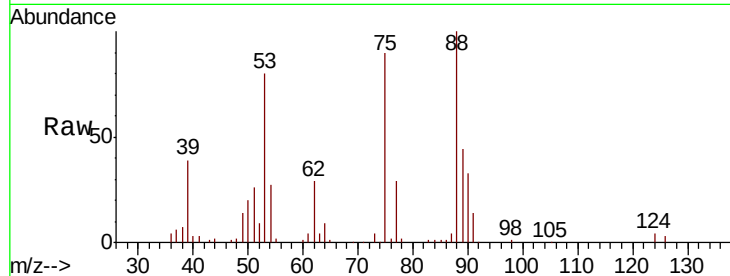




#81
trans-1,4-Dichloro-2-butene
Concen: 56.418 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

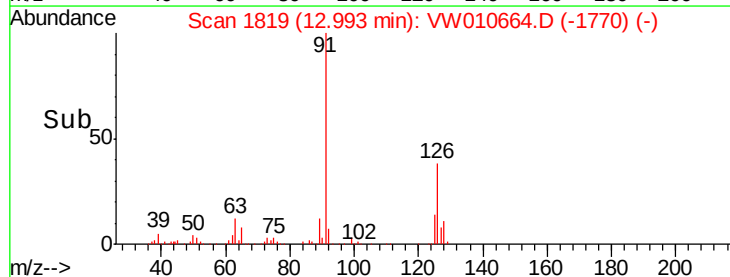
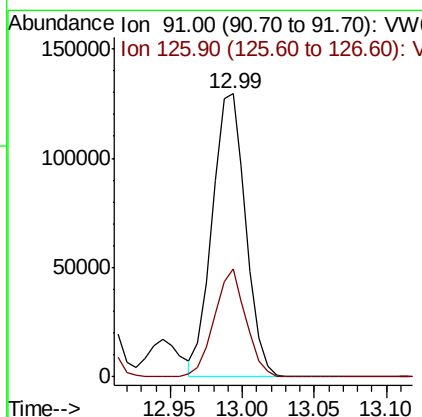
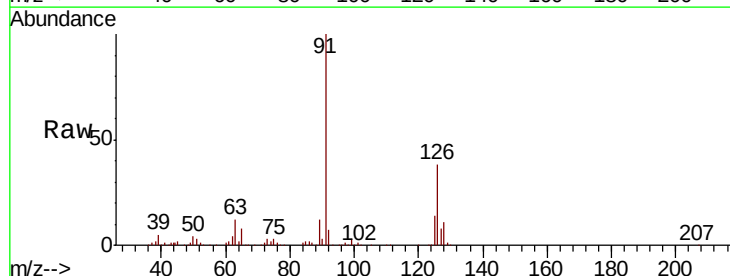
Instrument :
MSVOA_W
ClientSampled :

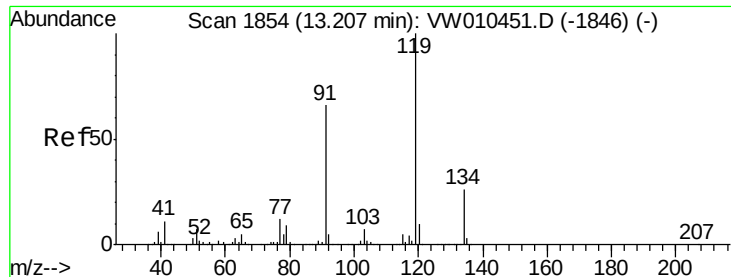
Tot Ion: 75 Resp: 20671
Ion Ratio Lower Upper
75 100
53 93.1 69.8 104.8
89 48.7 39.5 59.3



#82
4-Chlorotoluene
Concen: 50.087 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 91 Resp: 210033
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.6





#83

tert-Butylbenzene

Concen: 49.198 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

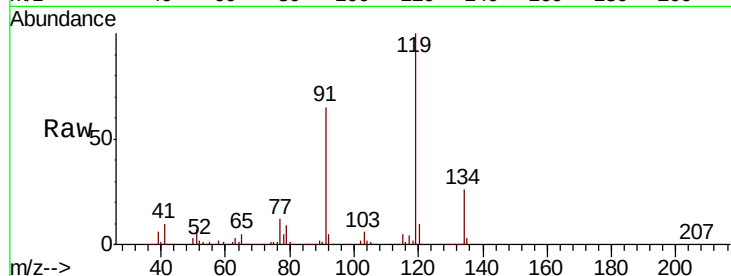
Tot Ion:119 Resp: 217577

Ion Ratio Lower Upper

119 100

91 65.4 33.1 99.5

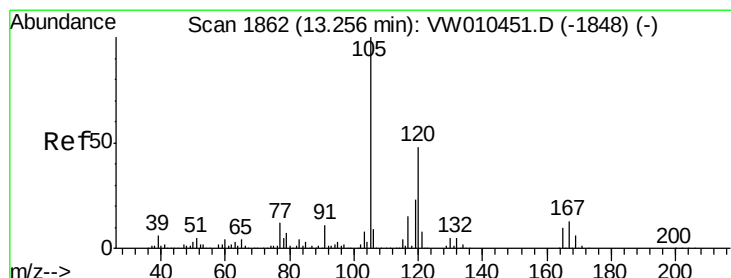
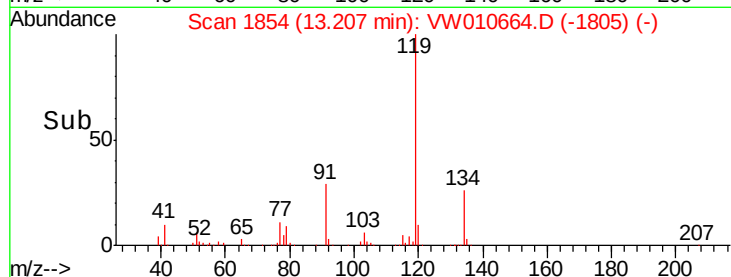
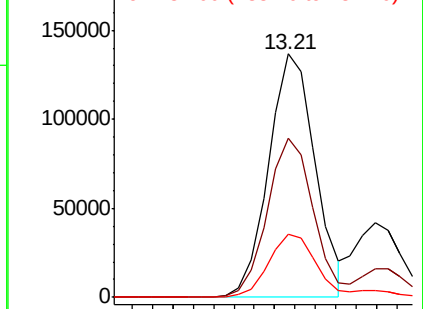
134 26.3 13.9 41.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.037 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW010664.D

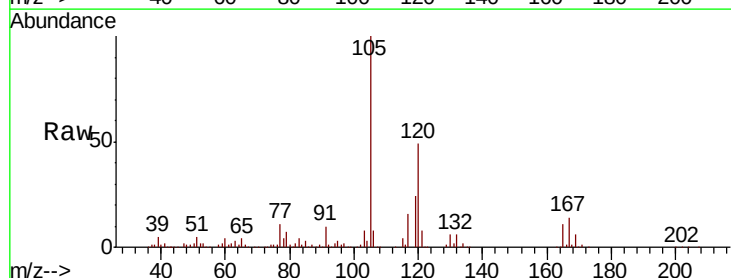
Acq: 03 Jun 2019 17:22

Tgt Ion:105 Resp: 252311

Ion Ratio Lower Upper

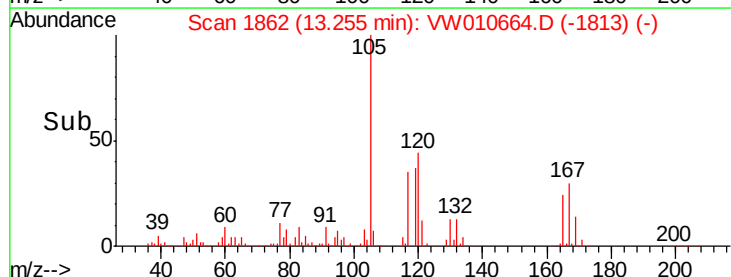
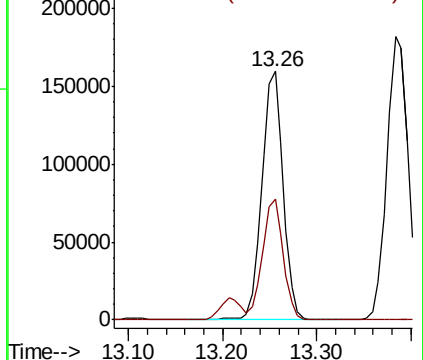
105 100

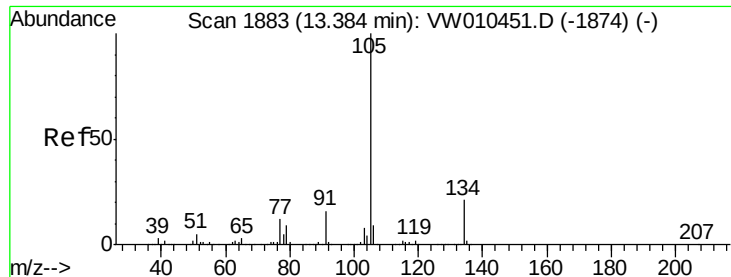
120 47.6 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

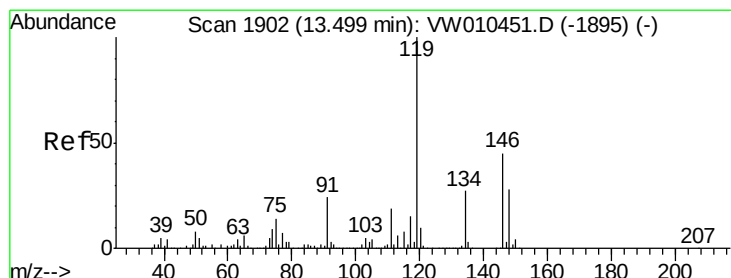
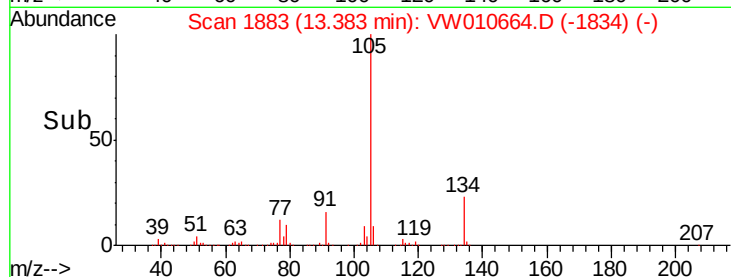
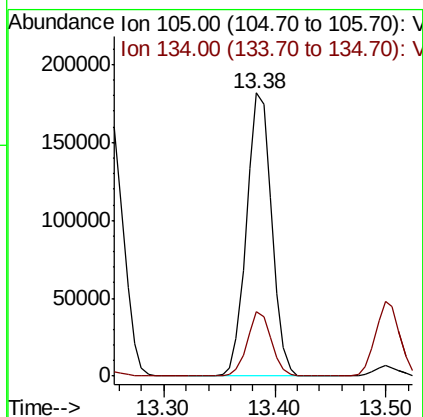
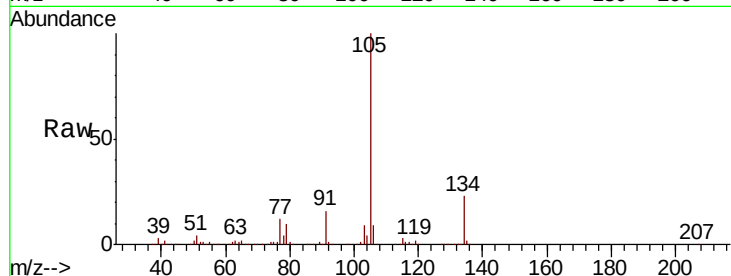




#85
 sec-Butylbenzene
 Concen: 46.125 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

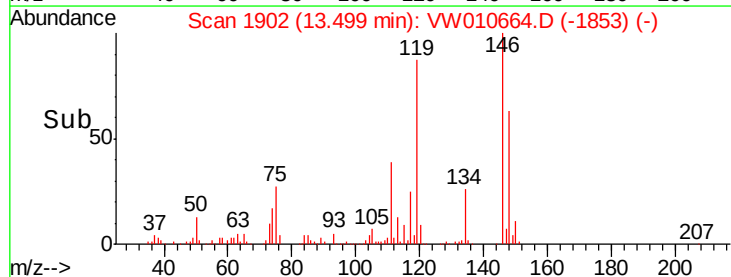
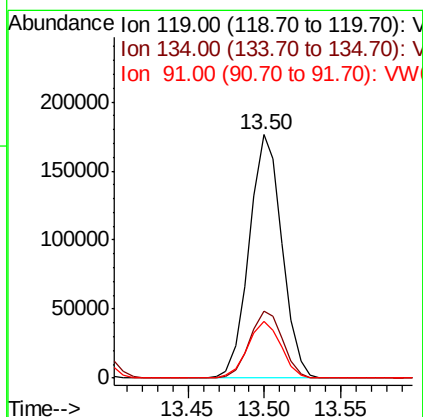
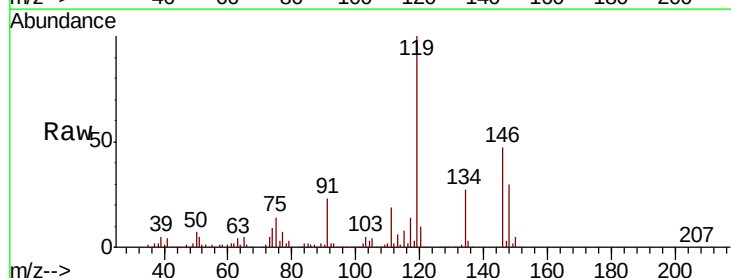
Instrument :
 MSVOA_W
 ClientSampleId :

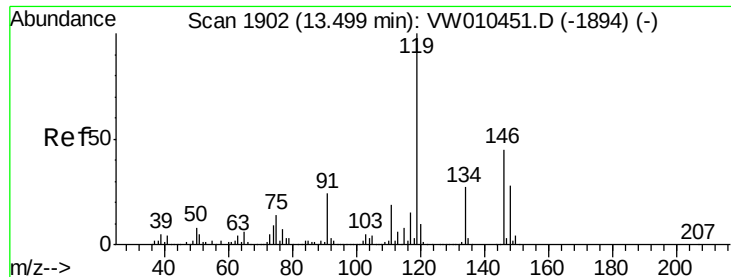
Tot Ion:105 Resp: 285464
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 46.735 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion:119 Resp: 261802
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.6 40.7
 91 23.5 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 51.531 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

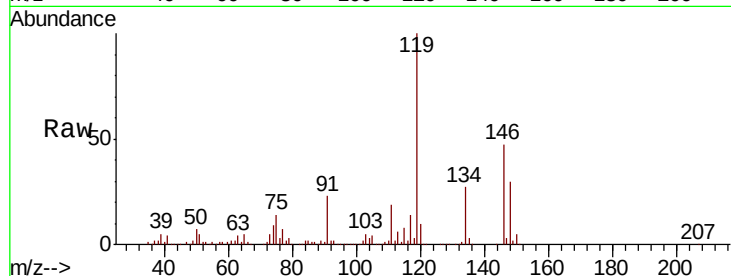
Tot Ion:146 Resp: 135244

Ion Ratio Lower Upper

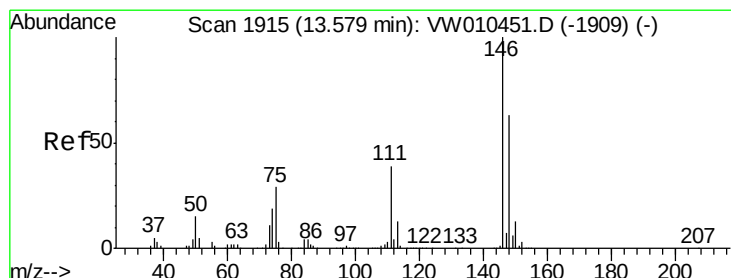
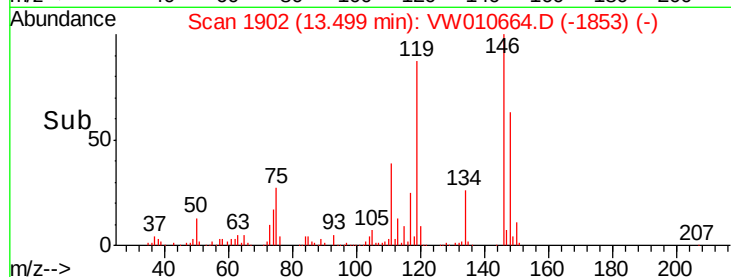
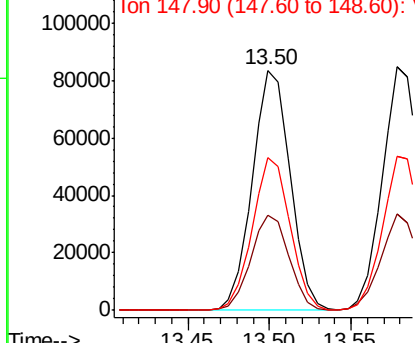
146 100

111 40.0 20.3 60.9

148 63.1 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.772 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010664.D

Acq: 03 Jun 2019 17:22

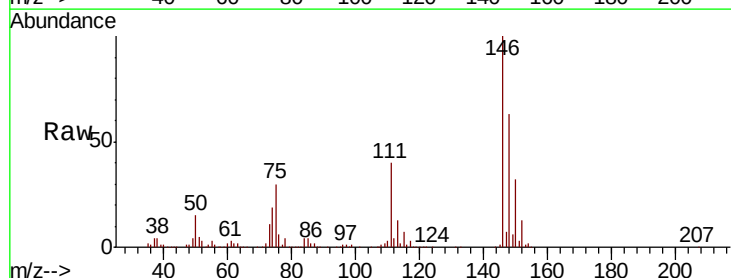
Tgt Ion:146 Resp: 136329

Ion Ratio Lower Upper

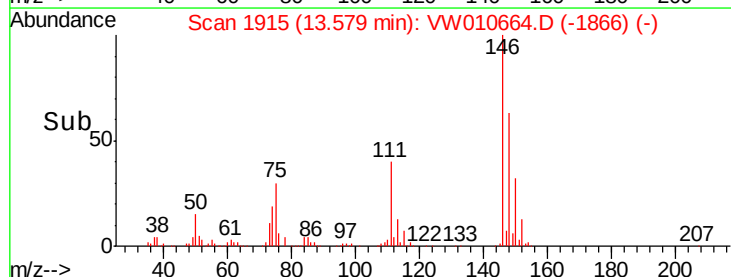
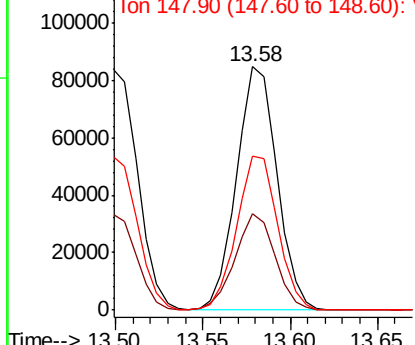
146 100

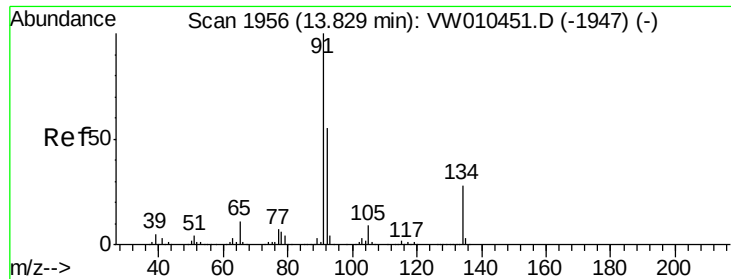
111 39.0 19.9 59.6

148 64.0 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

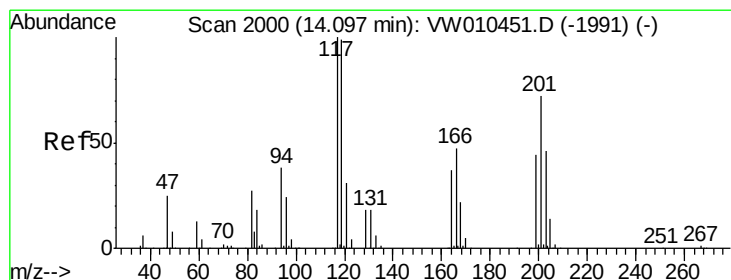
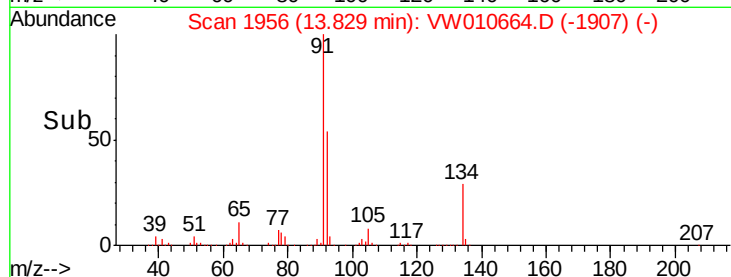
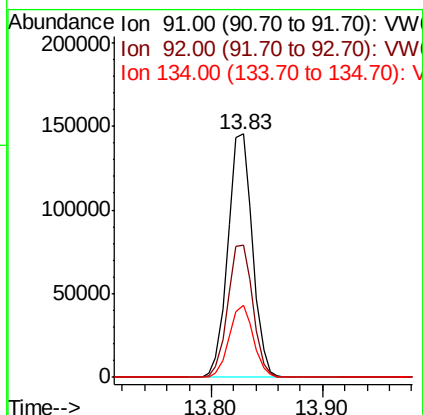
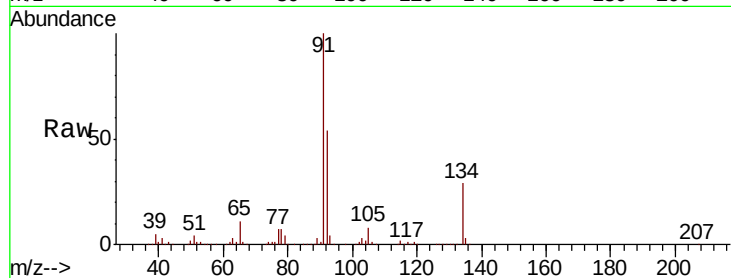




#89
n-Butylbenzene
Concen: 41.521 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

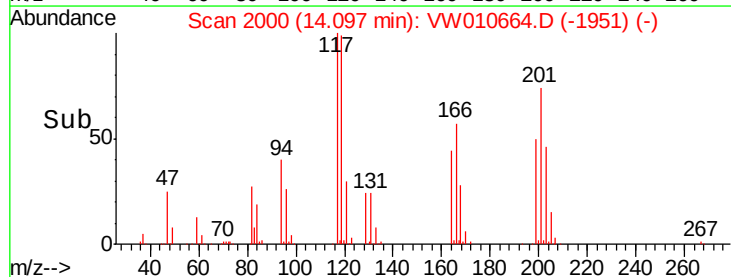
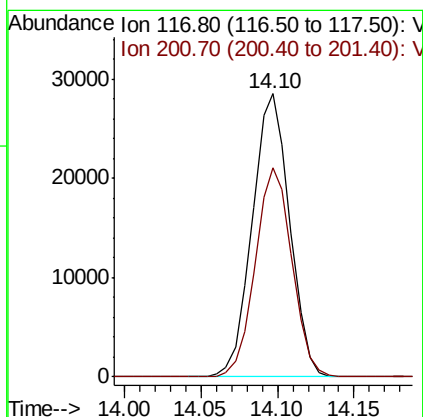
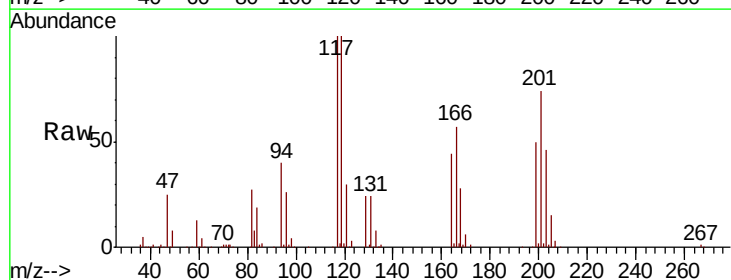
Instrument :
MSVOA_W
ClientSampleId :

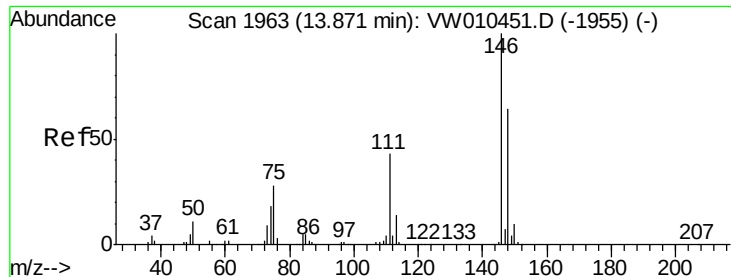
Tot Ion: 91 Resp: 221236
Ion Ratio Lower Upper
91 100
92 55.6 27.7 83.1
134 29.2 13.9 41.6



#90
Hexachloroethane
Concen: 44.568 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion: 117 Resp: 48324
Ion Ratio Lower Upper
117 100
201 72.5 34.6 103.8

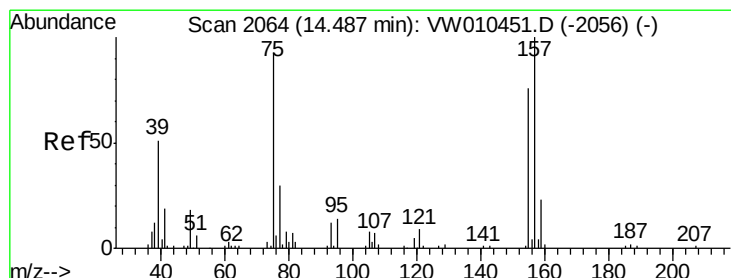
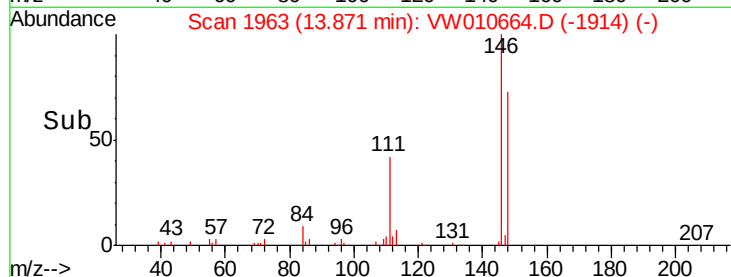
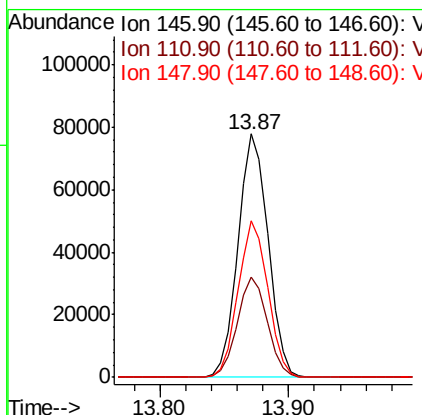
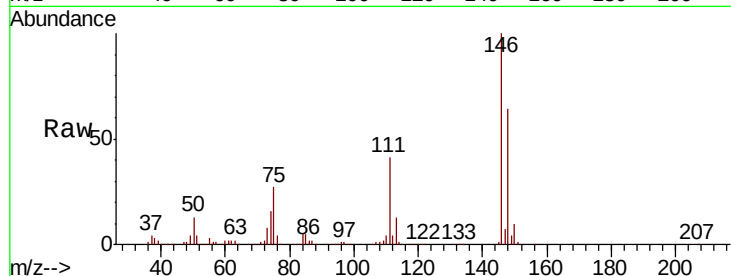




#91
 1,2-Dichlorobenzene
 Concen: 52.505 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

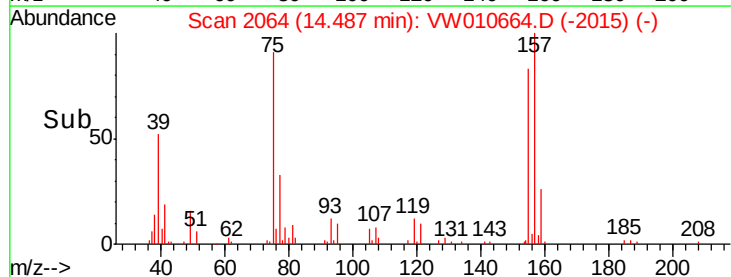
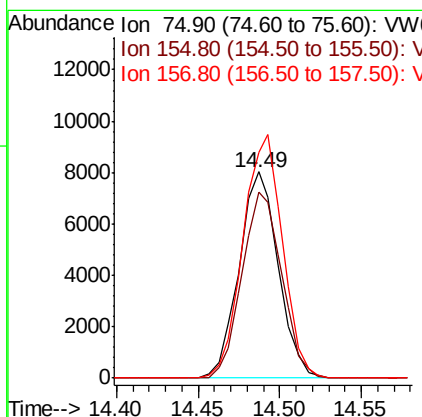
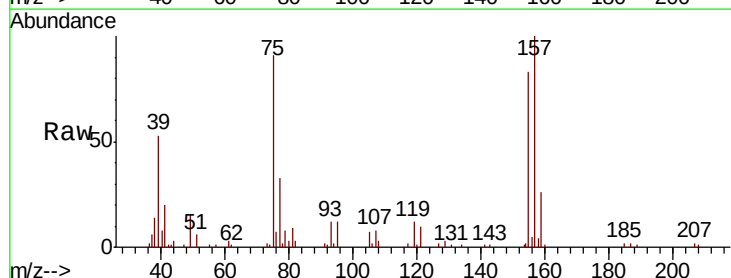
Instrument :
 MSVOA_W
 ClientSampled :

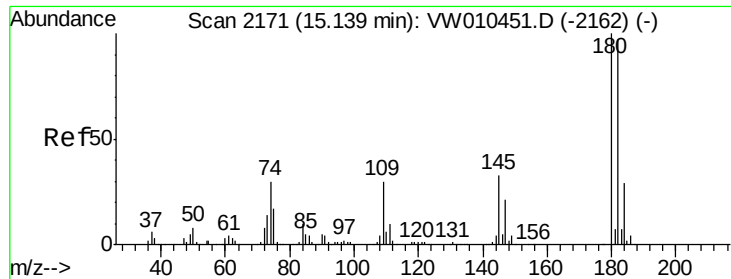
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	64.0
148	63.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 66.250 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	43.0	129.0
157	118.7	55.7	167.1

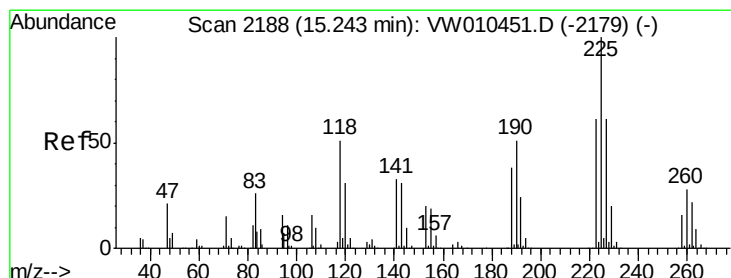
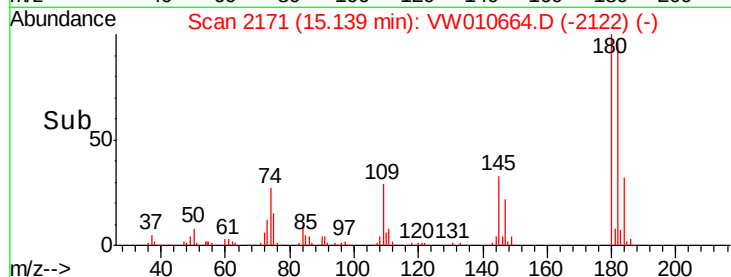
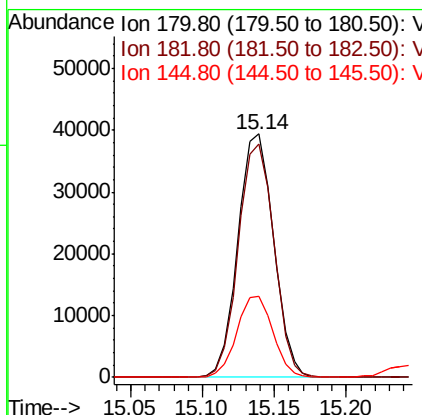
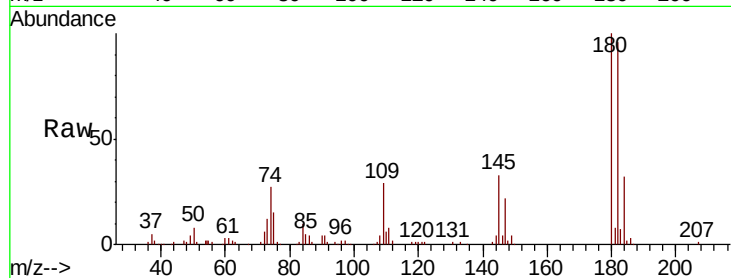




#93
 1,2,4-Trichlorobenzene
 Concen: 41.754 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

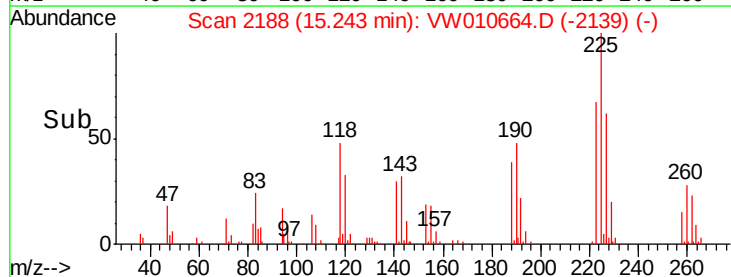
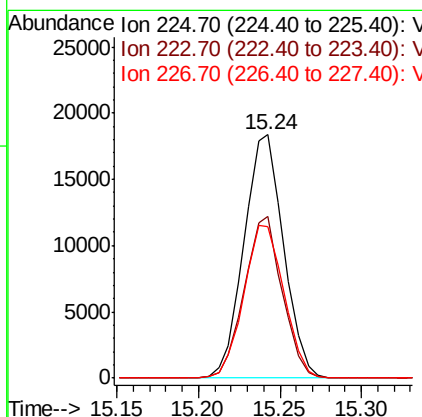
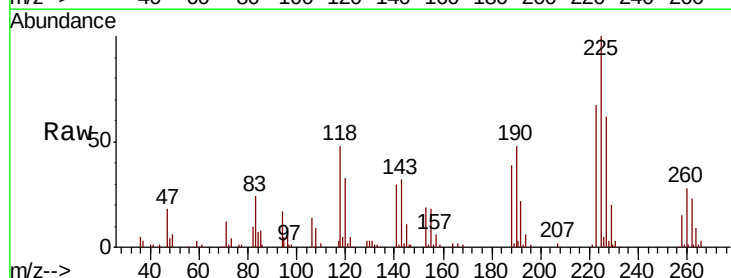
Instrument :
 MSVOA_W
 ClientSampled :

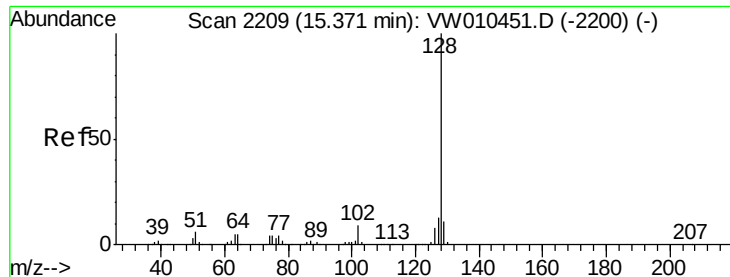
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.0	141.2
145	33.7	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 35.568 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010664.D
 Acq: 03 Jun 2019 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.2
227	63.9	31.1	93.5

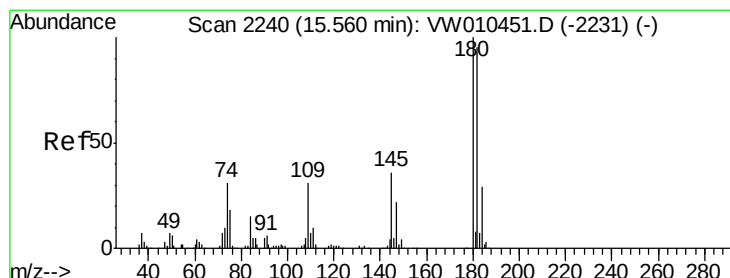
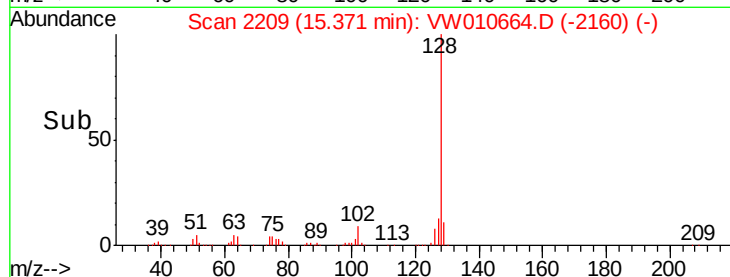
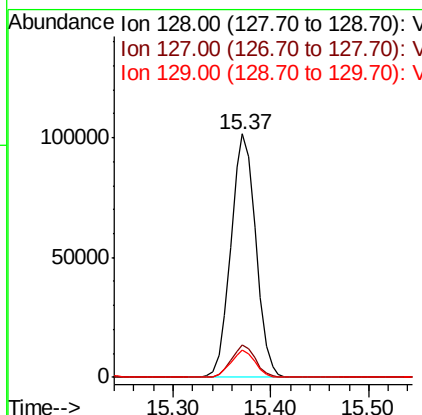
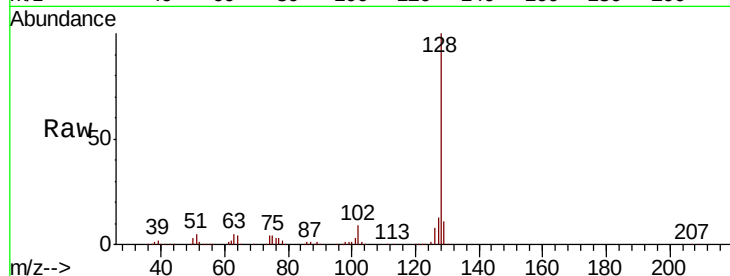




#95
Naphthalene
Concen: 52.528 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.8	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 40.927 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010664.D
Acq: 03 Jun 2019 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.1	141.3
145	35.1	17.4	52.3

