

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW0066732.D
 Acq On : 07 Nov 2018 13:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 15:49:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	92551	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	7.88	113	101118	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.33	98	381689	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	138250	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64249	52.358	ug/l	98
3) Chloromethane	2.21	50	71919	47.368	ug/l	98
4) Vinyl Chloride	2.37	62	108565	51.210	ug/l	99
5) Bromomethane	2.79	94	92330	51.896	ug/l	99
6) Chloroethane	2.93	64	79363	53.578	ug/l	99
7) Trichlorofluoromethane	3.26	101	104171	55.644	ug/l	100
8) Diethyl Ether	3.68	74	46031	44.981	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	111526	55.788	ug/l	100
10) Methyl Iodide	4.26	142	180286	49.738	ug/l	100
11) Tert butyl alcohol	5.23	59	24380	222.381	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	101067	52.345	ug/l	97
13) Acrolein	3.90	56	25733	186.625	ug/l	100
14) Allyl chloride	4.67	41	129059	51.207	ug/l	99
15) Acrylonitrile	5.38	53	87060	237.264	ug/l	100
16) Acetone	4.14	43	92544	281.707	ug/l	100
17) Carbon Disulfide	4.37	76	290241	52.824	ug/l	99
18) Methyl Acetate	4.68	43	44106	46.691	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	134437	46.777	ug/l	99
20) Methylene Chloride	4.91	84	106992	50.290	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	114246	52.291	ug/l	98
22) Diisopropyl ether	6.31	45	261146	49.702	ug/l	98
23) Vinyl Acetate	6.26	43	711273	244.110	ug/l	99
24) 1,1-Dichloroethane	6.22	63	182882	51.357	ug/l	99
25) 2-Butanone	7.18	43	115564	246.525	ug/l	98
26) 2,2-Dichloropropane	7.17	77	124254	57.925	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	125547	51.363	ug/l	100
28) Bromochloromethane	7.51	49	69532	49.174	ug/l	97
29) Tetrahydrofuran	7.54	42	66446	225.357	ug/l	98
30) Chloroform	7.68	83	200892	51.455	ug/l	99
31) Cyclohexane	7.96	56	165554	51.081	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	177411	53.701	ug/l	99
36) 1,1-Dichloropropene	8.09	75	160891	57.486	ug/l	100
37) Ethyl Acetate	7.26	43	46898	48.354	ug/l	98
38) Carbon Tetrachloride	8.07	117	172343	58.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	209401	58.958	ug/l	99
40) Benzene	8.32	78	449913	56.596	ug/l	99
41) Methacrylonitrile	7.49	41	31734	53.358	ug/l	96
42) 1,2-Dichloroethane	8.40	62	119786	52.542	ug/l	100
43) Isopropyl Acetate	8.43	43	96325	49.770	ug/l	99
44) Trichloroethene	9.09	130	135587	55.271	ug/l	92
45) 1,2-Dichloropropane	9.37	63	103384	55.883	ug/l	100
46) Dibromomethane	9.46	93	57106	52.511	ug/l	99
47) Bromodichloromethane	9.65	83	139225	55.136	ug/l	94
48) Methyl methacrylate	9.44	41	47206	50.624	ug/l	99
49) 1,4-Dioxane	9.48	88	16775	1054.003	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	246660	248.150	ug/l	99
52) Toluene	10.39	92	295995	55.514	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	133320	54.860	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	158555	55.212	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	80324	52.056	ug/l	95
56) Ethyl methacrylate	10.65	69	88303	50.350	ug/l	98
57) 1,3-Dichloropropane	10.93	76	130492	52.080	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	197992	232.240	ug/l	100
59) 2-Hexanone	10.97	43	176588	261.568	ug/l	100
60) Dibromochloromethane	11.13	129	97281	53.212	ug/l	98
61) 1,2-Dibromoethane	11.24	107	77484	50.567	ug/l	96
64) Tetrachloroethene	10.87	164	119528	51.856	ug/l	97
65) Chlorobenzene	11.66	112	342478	56.284	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	118729	55.515	ug/l	99
67) Ethyl Benzene	11.74	91	592233	58.231	ug/l	96
68) m/p-Xylenes	11.85	106	471674	116.081	ug/l	99
69) o-Xylene	12.17	106	216524	55.973	ug/l	97
70) Styrene	12.19	104	357695	56.716	ug/l	99
71) Bromoform	12.35	173	61450	54.203	ug/l #	98
73) Isopropylbenzene	12.47	105	623791	56.145	ug/l	99
74) N-amyl acetate	12.28	43	94381	49.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	90185	51.394	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	113285	86.089	ug/l #	100
77) Bromobenzene	12.75	156	151580	52.694	ug/l	98
78) n-propylbenzene	12.81	91	736299	57.617	ug/l	99
79) 2-Chlorotoluene	12.90	91	399752	54.506	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	522113	55.937	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	25405	49.997	ug/l	98
82) 4-Chlorotoluene	12.99	91	429328	55.332	ug/l	99
83) tert-Butylbenzene	13.21	119	472764	56.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	533046	55.676	ug/l	98
85) sec-Butylbenzene	13.39	105	686653	58.899	ug/l	99
86) p-Isopropyltoluene	13.51	119	616297	58.098	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	312792	55.214	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	310134	55.228	ug/l	99
89) n-Butylbenzene	13.83	91	562860	59.774	ug/l	100
90) Hexachloroethane	14.10	117	101938	58.469	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	275706	54.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13439	47.198	ug/l	100

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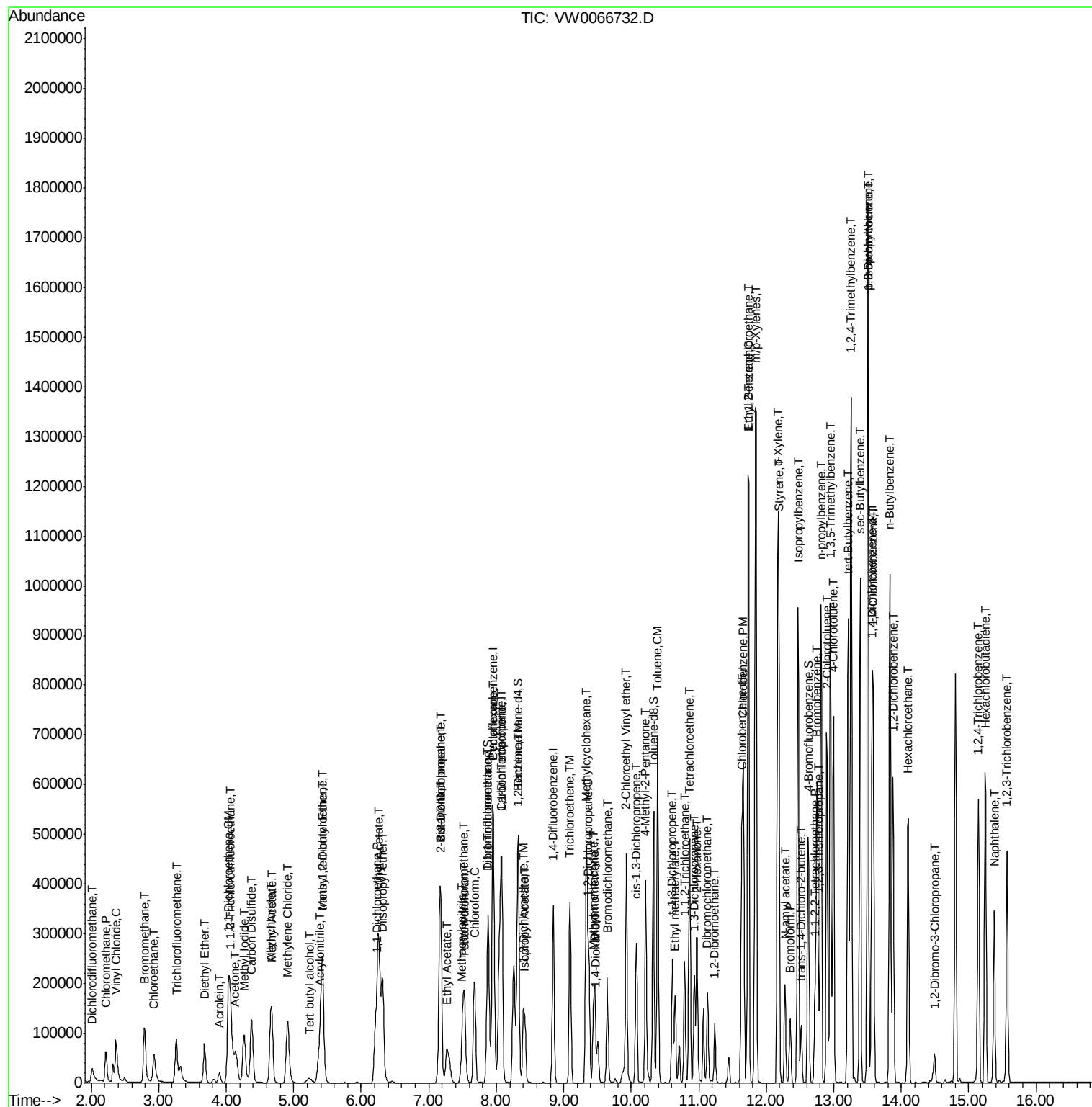
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	203021	53.580	ug/l	100
94) Hexachlorobutadiene	15.24	225	133499	56.530	ug/l	99
95) Naphthalene	15.38	128	309753	50.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	176865	53.110	ug/l	99

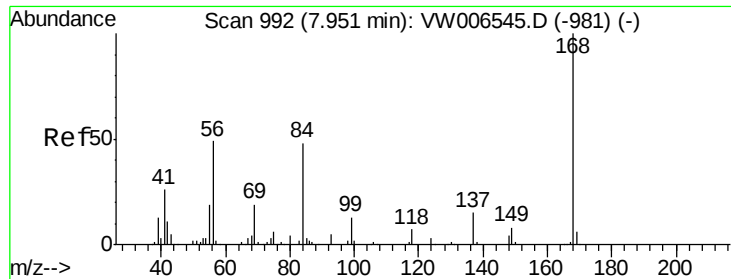
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

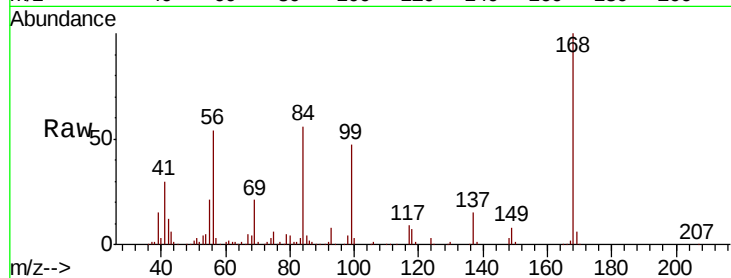
ClientSampleId :

Tot Ion:168 Resp: 236712

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

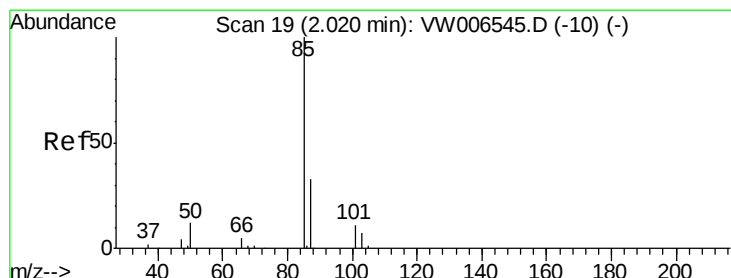
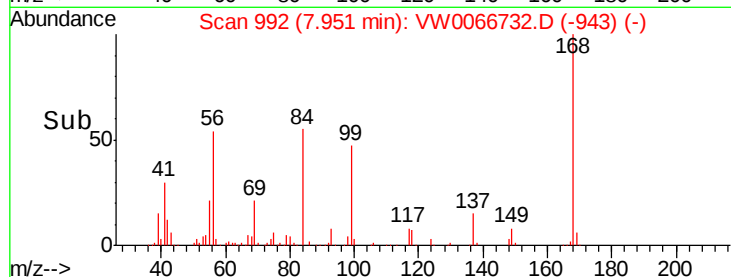
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.358 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW0066732.D

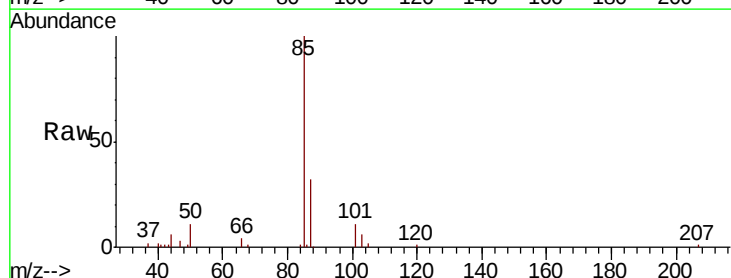
Acq: 07 Nov 2018 13:12

Tgt Ion: 85 Resp: 64249

Ion Ratio Lower Upper

85 100

87 32.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

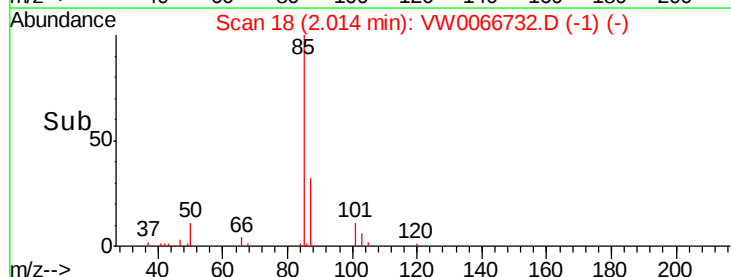
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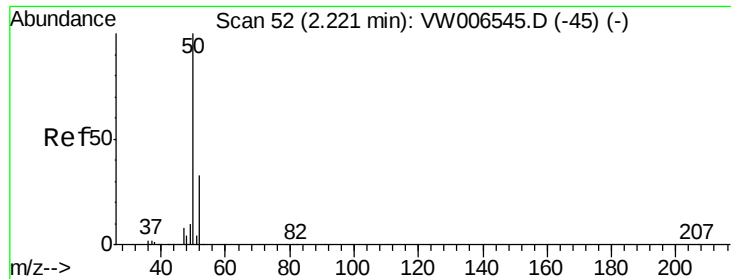
5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 47.368 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

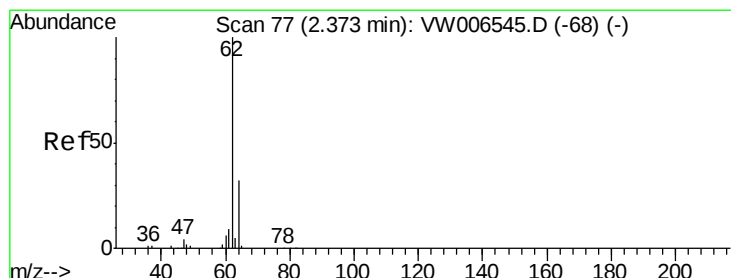
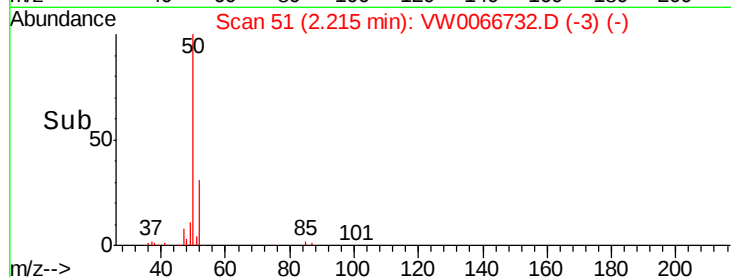
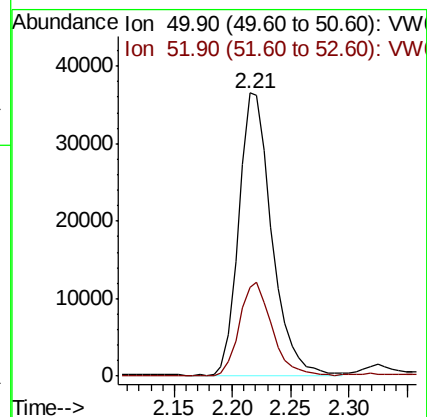
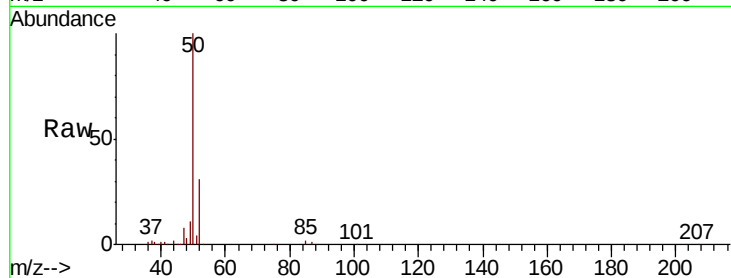
ClientSampled :

Tot Ion: 50 Resp: 71919

Ion Ratio Lower Upper

50 100

52 31.5 26.2 39.4



#4

Vinyl Chloride

Concen: 51.210 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW0066732.D

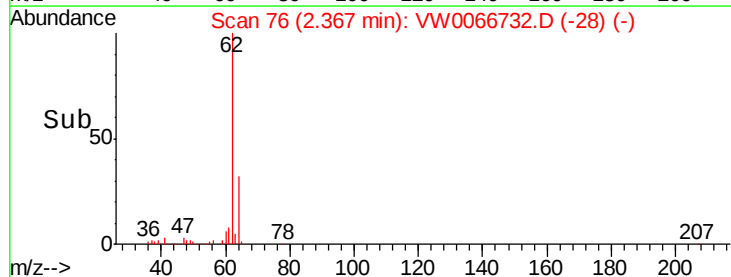
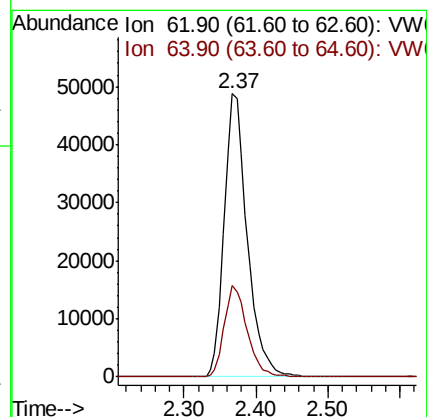
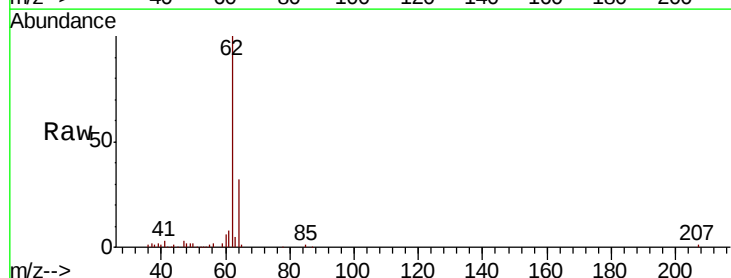
Acq: 07 Nov 2018 13:12

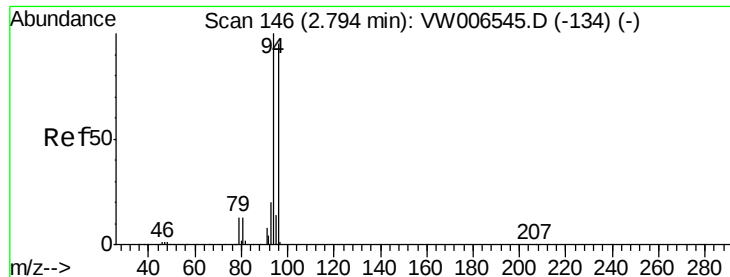
Tgt Ion: 62 Resp: 108565

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 51.896 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

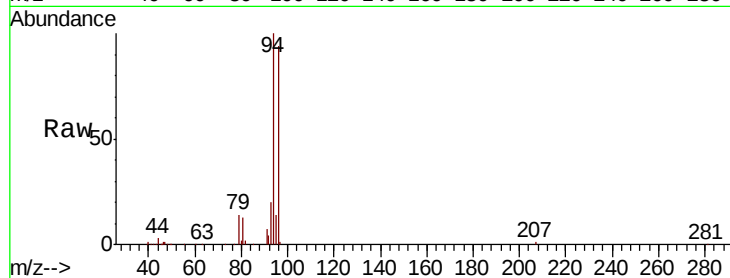
ClientSampleId :

Tot Ion: 94 Resp: 92330

Ion Ratio Lower Upper

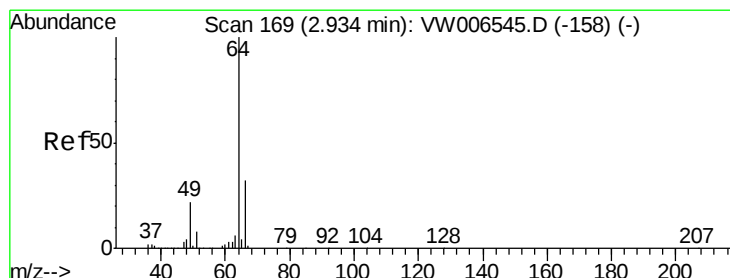
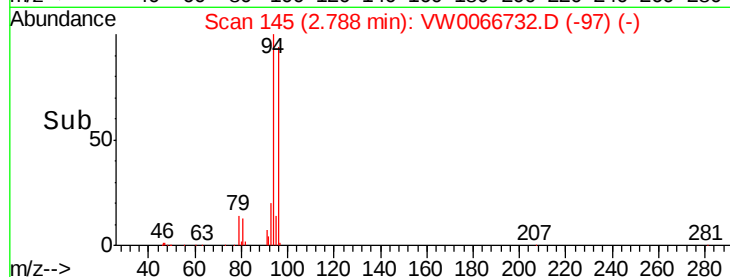
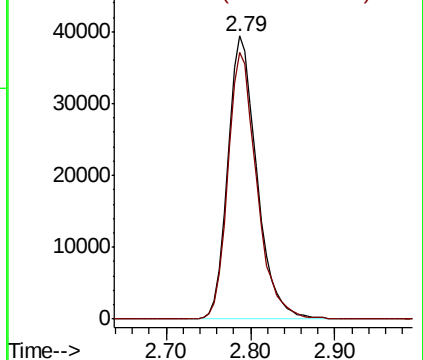
94 100

96 94.1 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 53.578 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW0066732.D

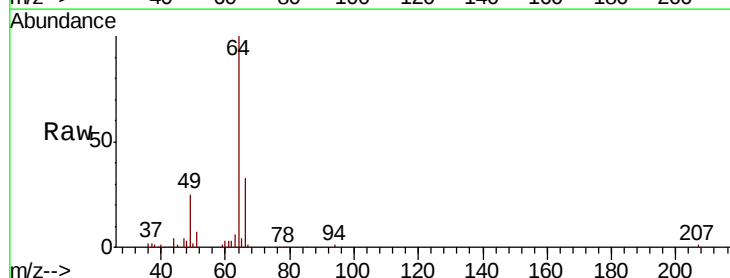
Acq: 07 Nov 2018 13:12

Tgt Ion: 64 Resp: 79363

Ion Ratio Lower Upper

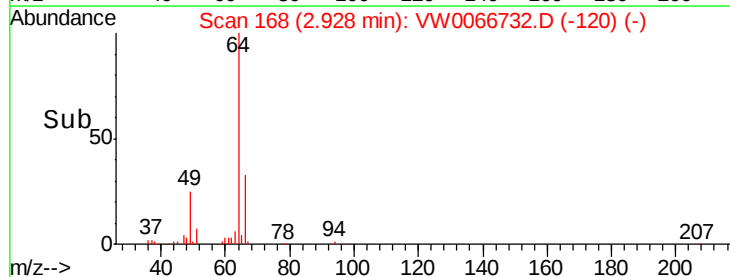
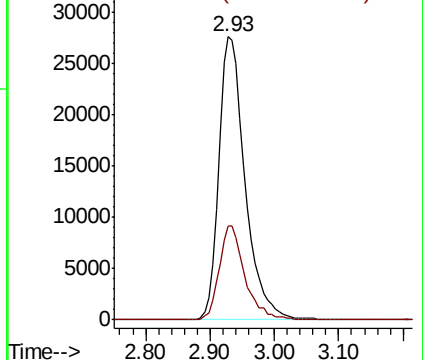
64 100

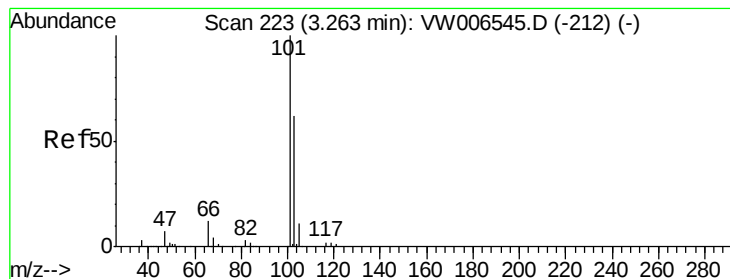
66 33.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



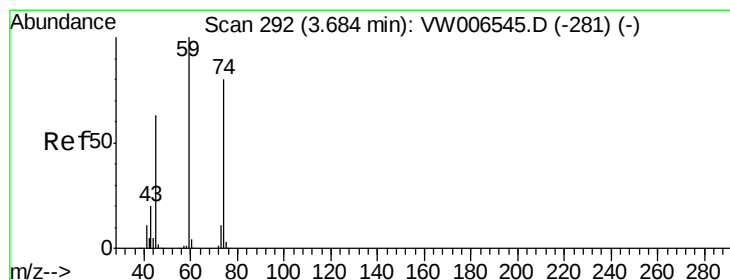
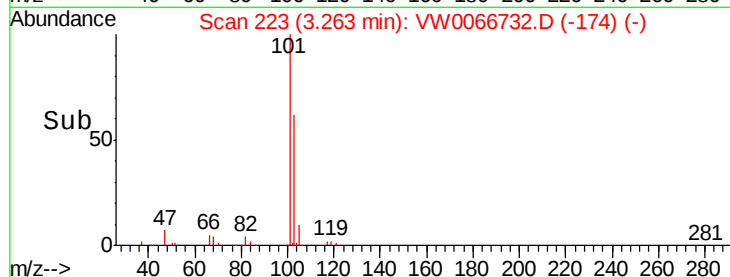
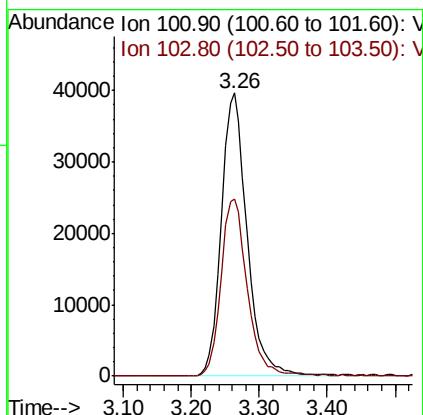
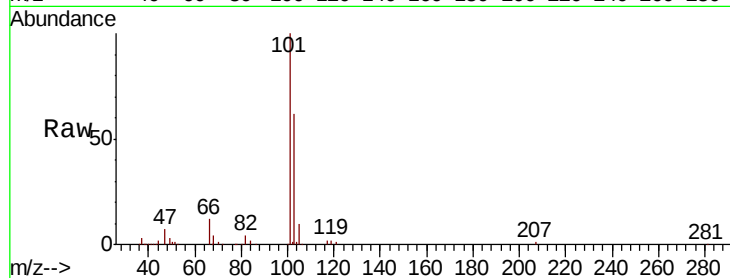


#7

Trichlorofluoromethane
 Concen: 55.644 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Instrument :
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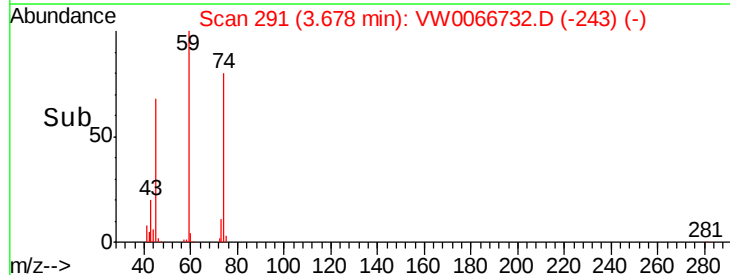
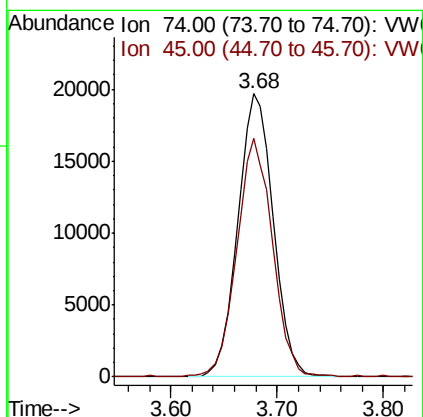
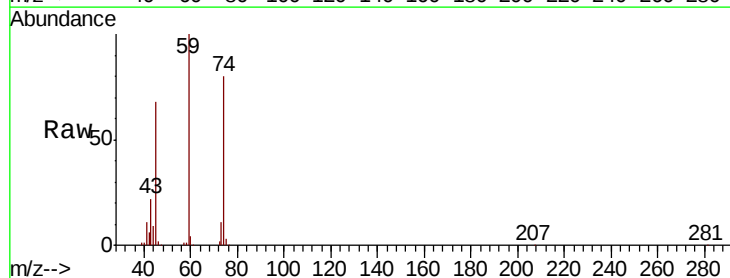
Tot Ion:101 Resp: 104171
 Ion Ratio Lower Upper
 101 100
 103 62.5 49.8 74.8

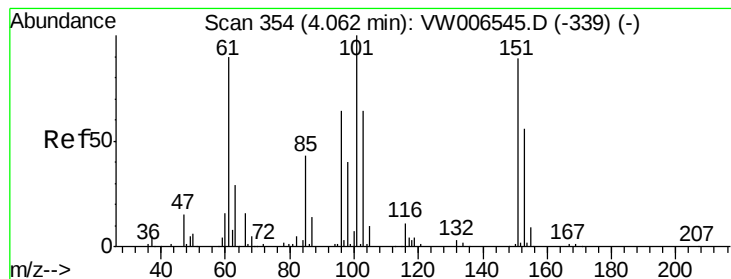


#8

Diethyl Ether
 Concen: 44.981 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion: 74 Resp: 46031
 Ion Ratio Lower Upper
 74 100
 45 85.0 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.788 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

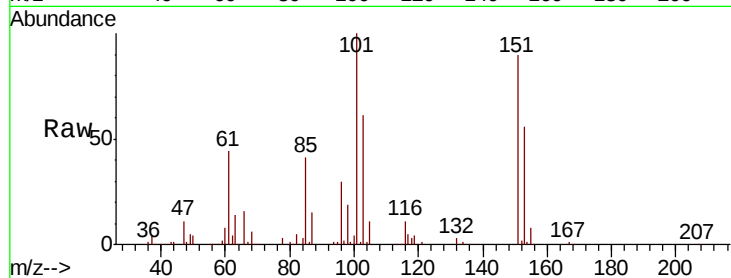
Tot Ion:101 Resp: 111526

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

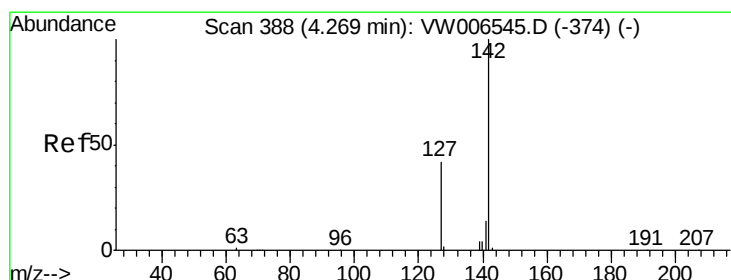
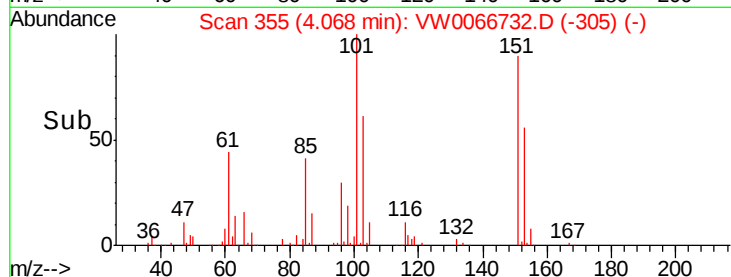
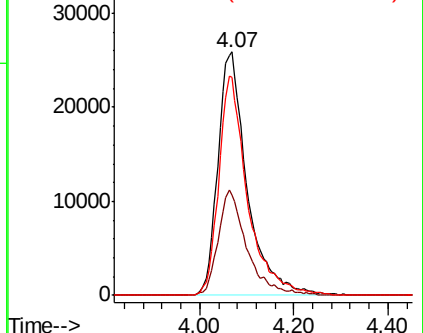
151 88.5 70.7 106.1



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: 49.738 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

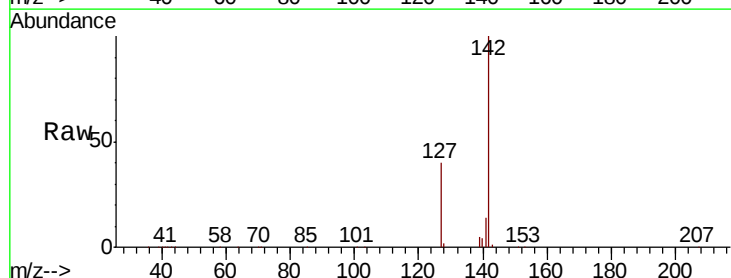
Tgt Ion:142 Resp: 180286

Ion Ratio Lower Upper

142 100

127 40.3 32.3 48.5

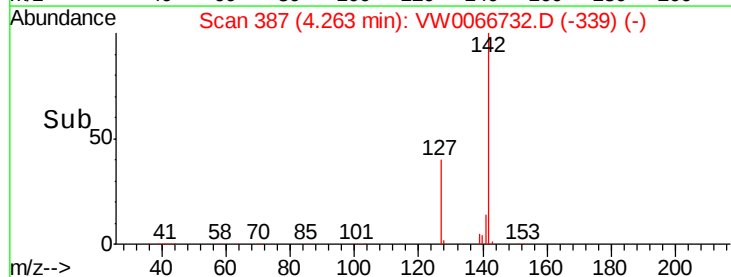
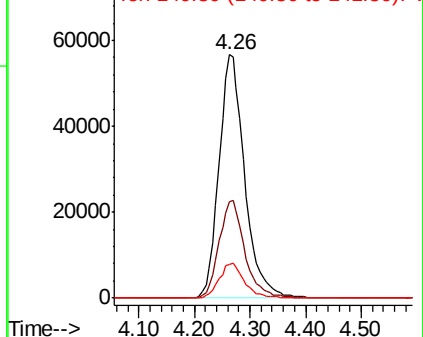
141 14.1 11.3 16.9

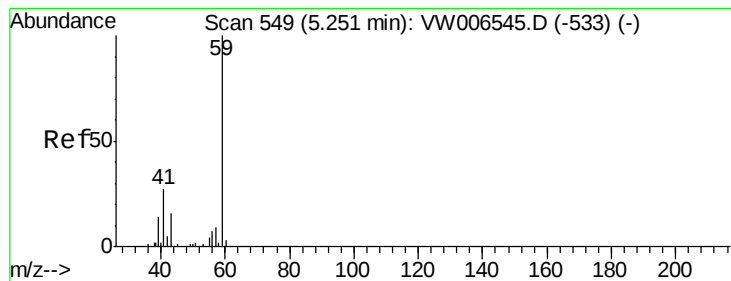


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



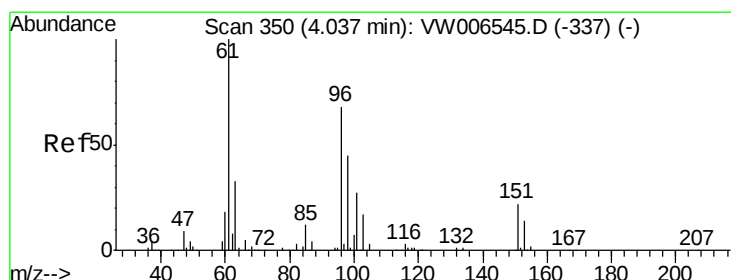
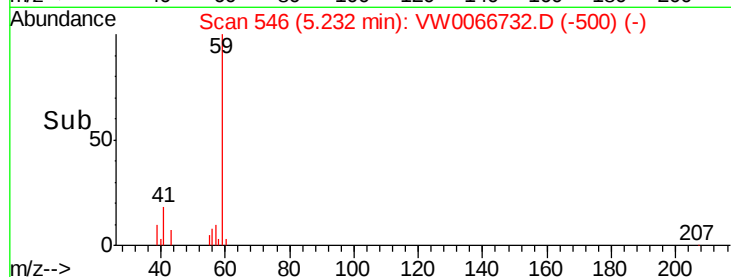
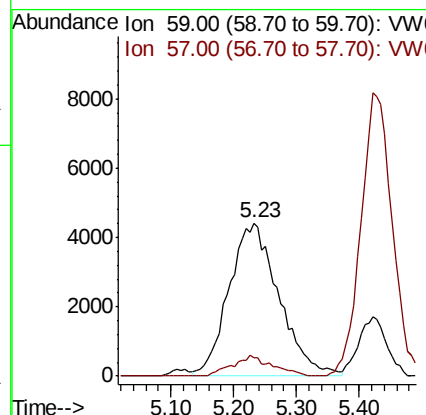
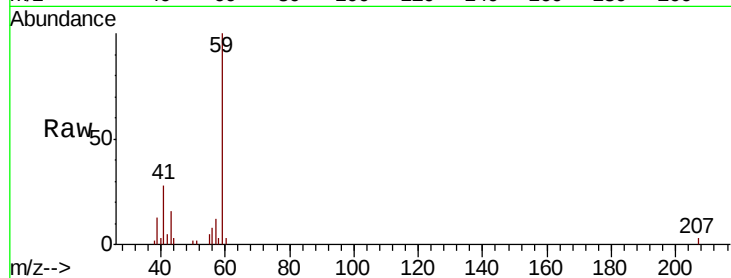


#11

Tert butyl alcohol
 Concen: 222.381 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampled :

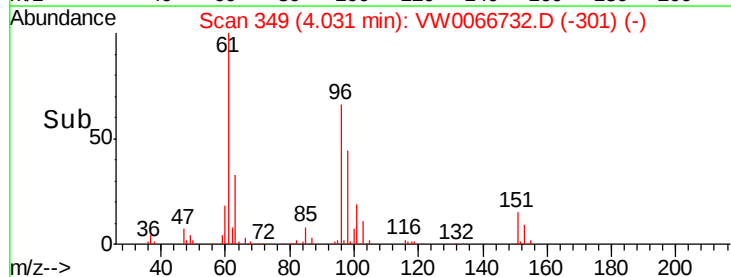
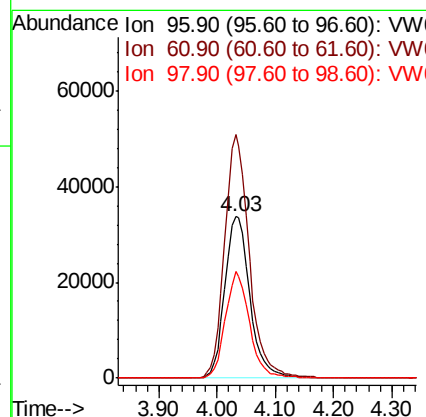
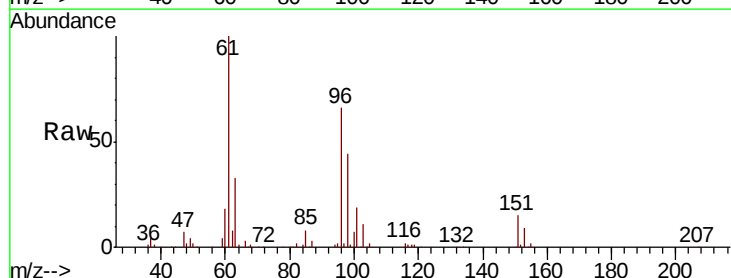
Tot Ion: 59 Resp: 24380
 Ion Ratio Lower Upper
 59 100
 57 10.7 4.3 6.5#

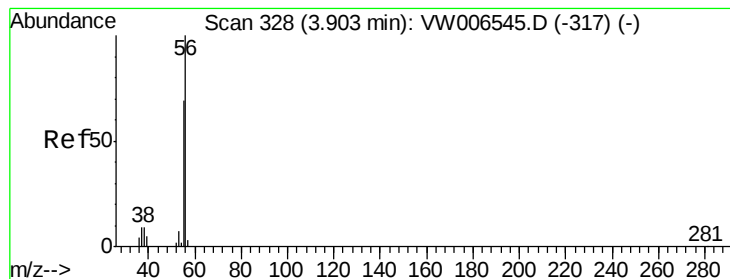


#12

1,1-Dichloroethene
 Concen: 52.345 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion: 96 Resp: 101067
 Ion Ratio Lower Upper
 96 100
 61 151.1 117.0 175.4
 98 65.9 52.5 78.7





#13

Acrolein

Concen: 186.625 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

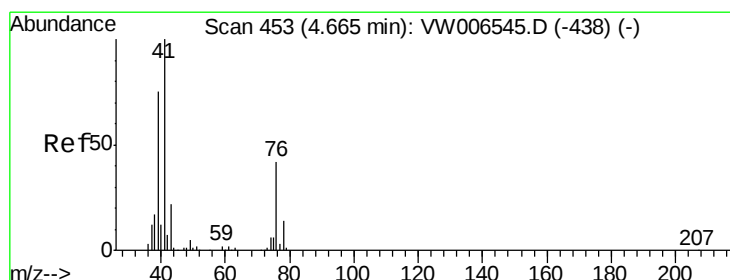
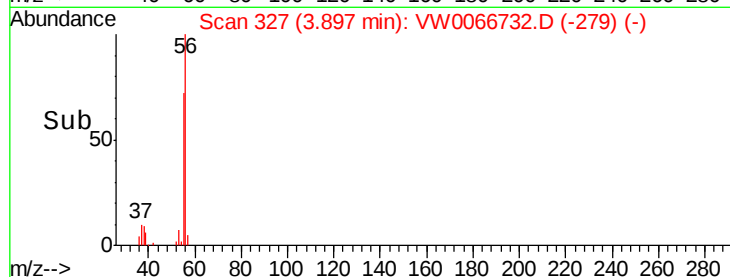
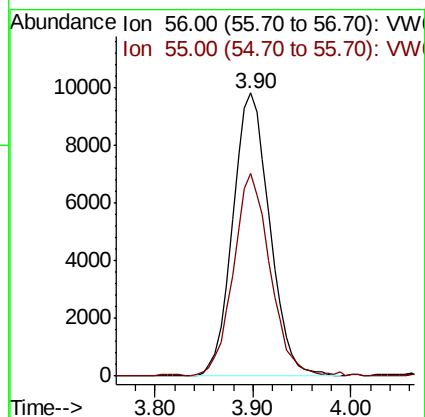
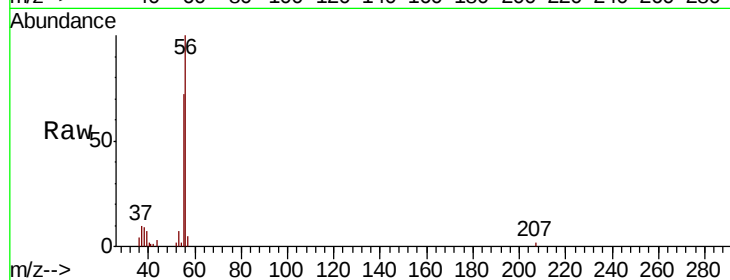
ClientSampleId :

Tot Ion: 56 Resp: 25733

Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3



#14

Allyl chloride

Concen: 51.207 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

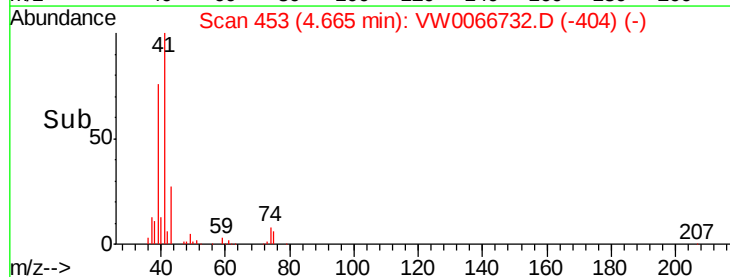
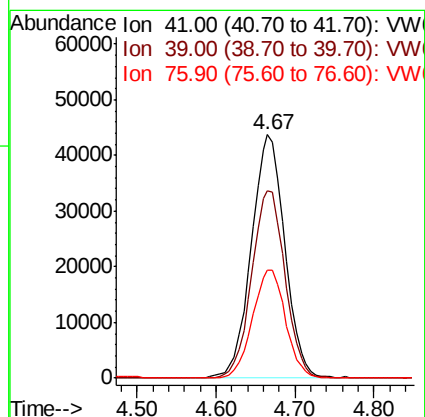
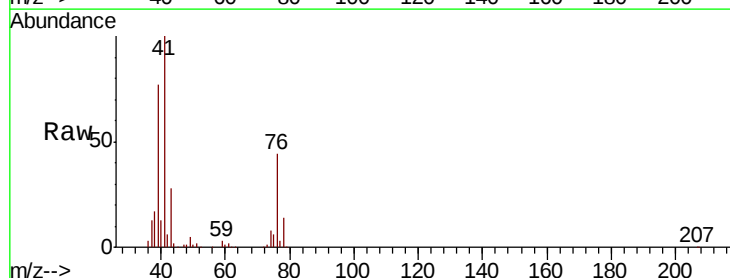
Tgt Ion: 41 Resp: 129059

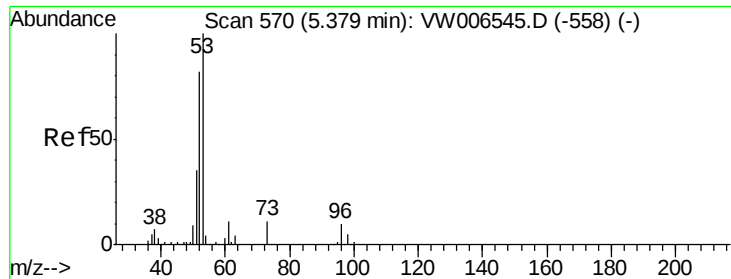
Ion Ratio Lower Upper

41 100

39 77.0 62.1 93.1

76 43.7 34.2 51.2





#15

Acrylonitrile

Concen: 237.264 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

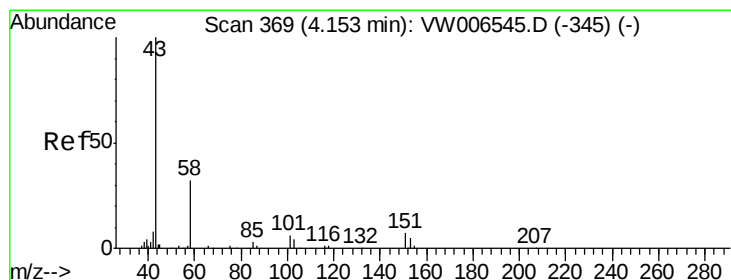
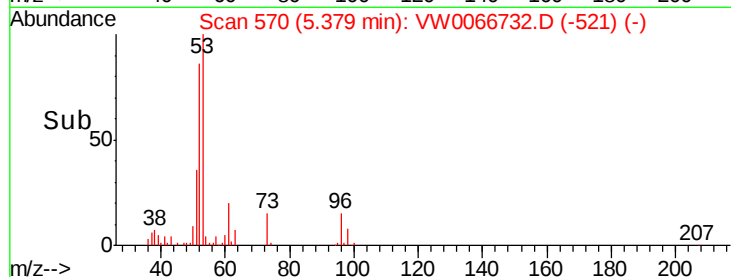
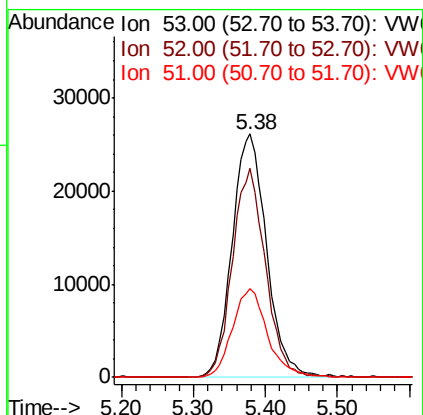
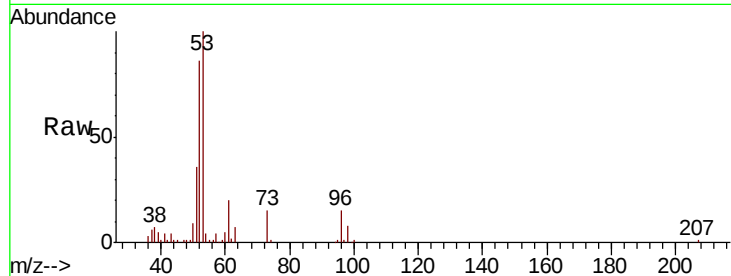
Tot Ion: 53 Resp: 87060

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.8

51 37.1 29.6 44.4



#16

Acetone

Concen: 281.707 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW0066732.D

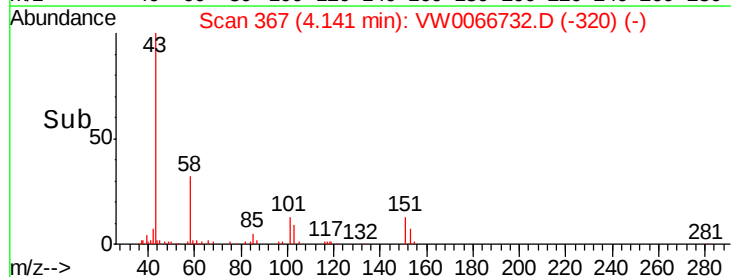
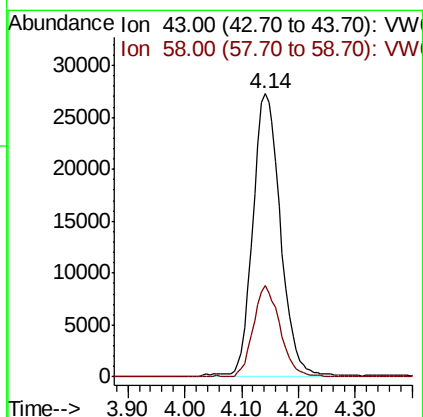
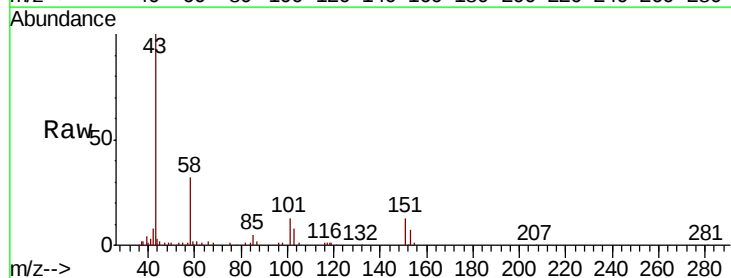
Acq: 07 Nov 2018 13:12

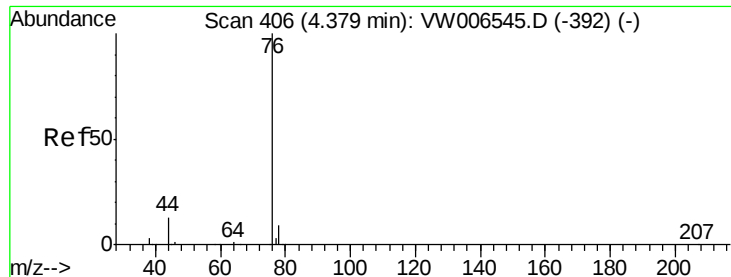
Tgt Ion: 43 Resp: 92544

Ion Ratio Lower Upper

43 100

58 32.1 25.8 38.8

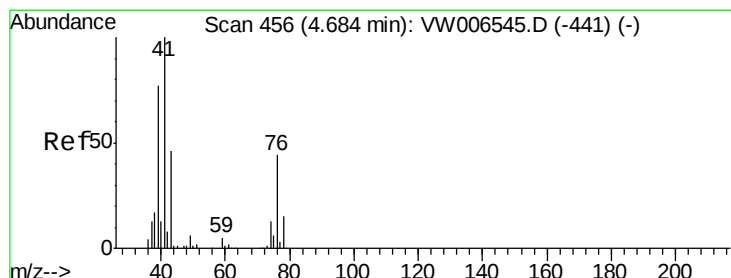
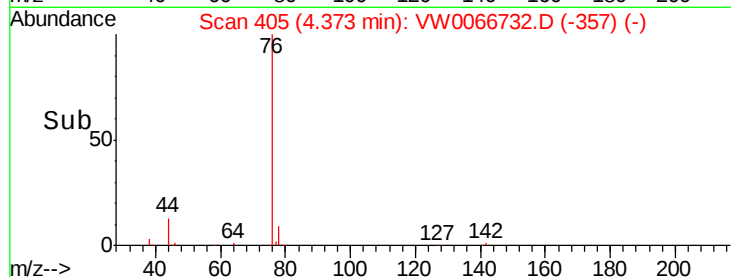
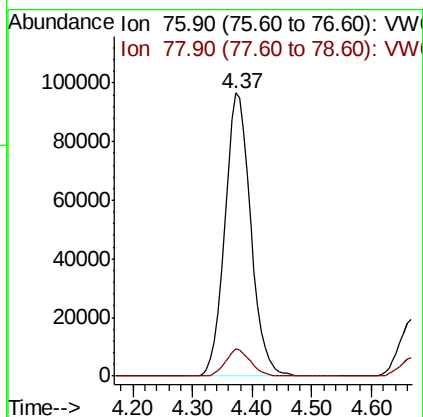
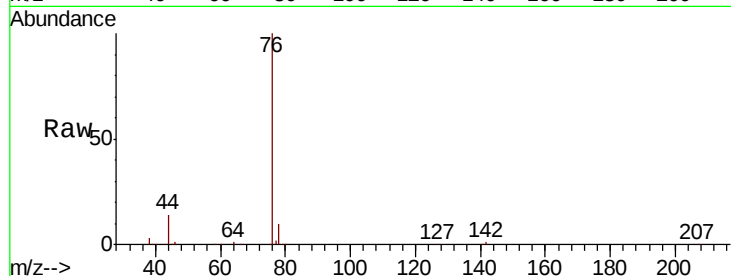




#17
Carbon Disulfide
Concen: 52.824 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

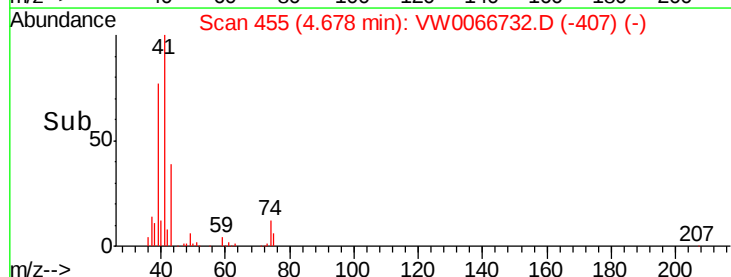
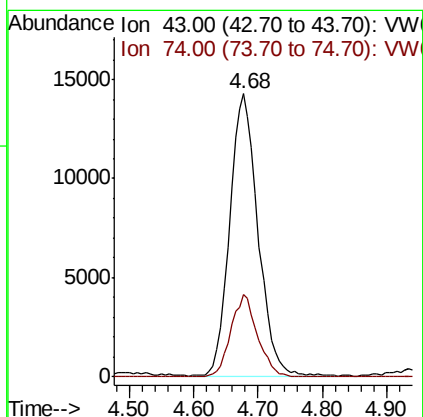
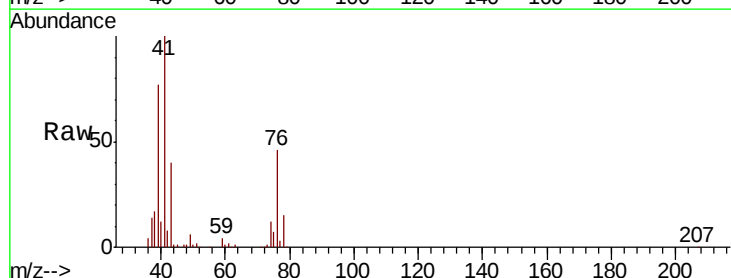
Instrument :
MSVOA_W
ClientSampled :

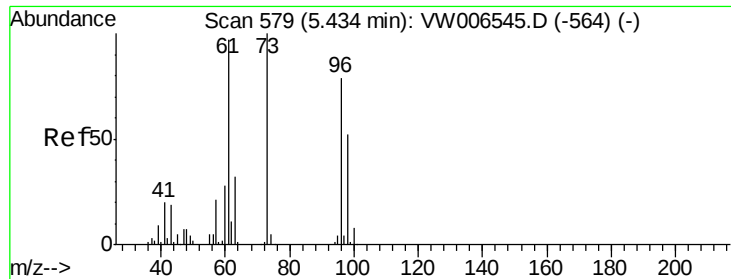
Tot Ion: 76 Resp: 290241
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 46.691 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 43 Resp: 44106
Ion Ratio Lower Upper
43 100
74 27.0 21.9 32.9

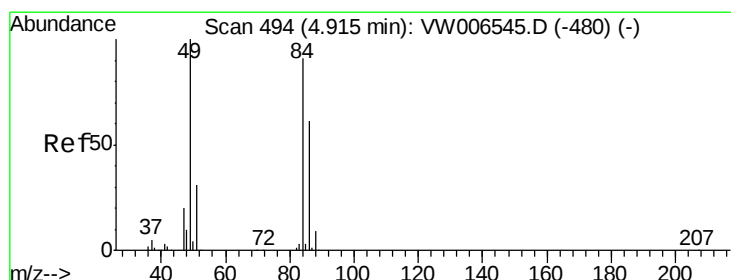
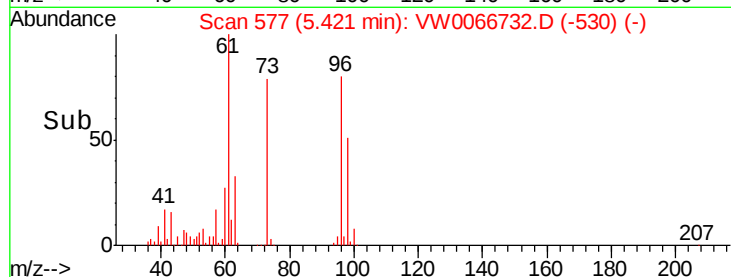
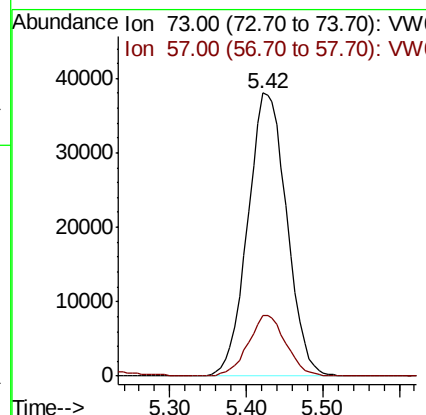
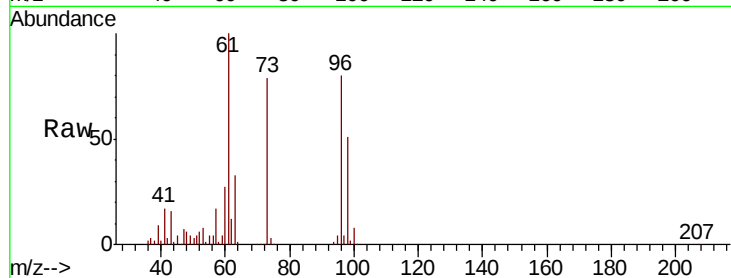




#19
Methyl tert-butyl Ether
Concen: 46.777 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

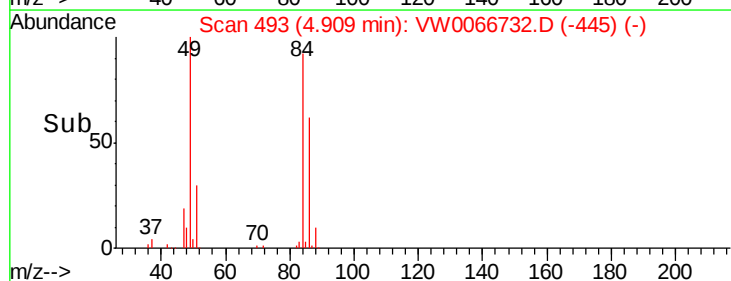
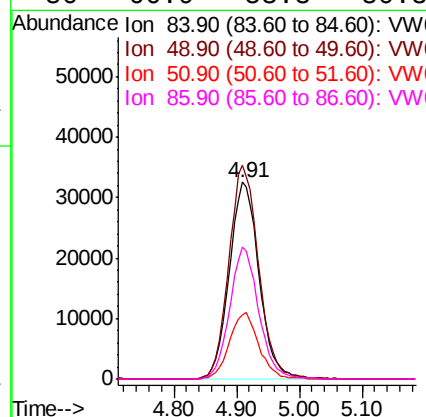
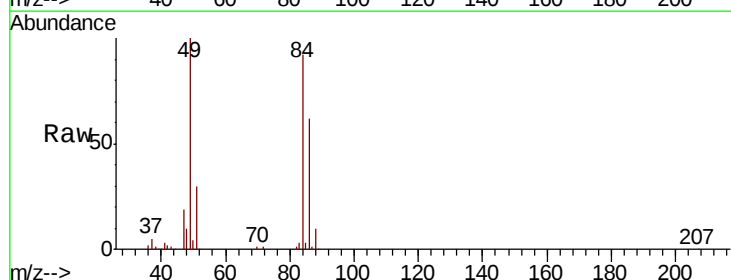
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 73 Resp: 134437
Ion Ratio Lower Upper
73 100
57 21.5 16.7 25.1



#20
Methylene Chloride
Concen: 50.290 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 84 Resp: 106992
Ion Ratio Lower Upper
84 100
49 108.7 88.2 132.4
51 32.6 27.0 40.6
86 66.9 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 52.291 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :

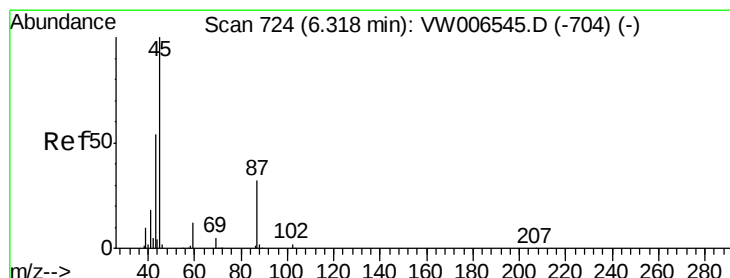
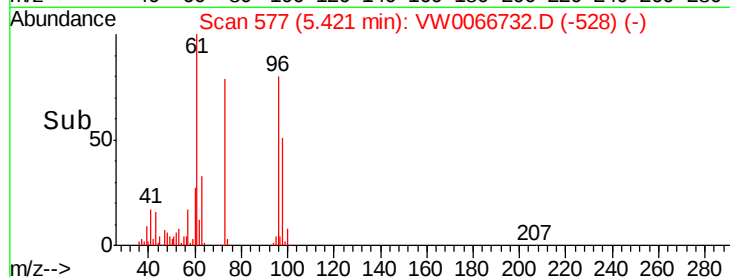
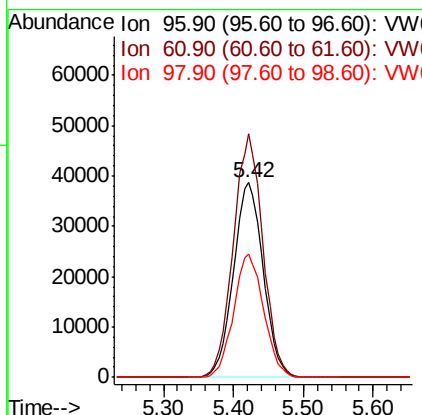
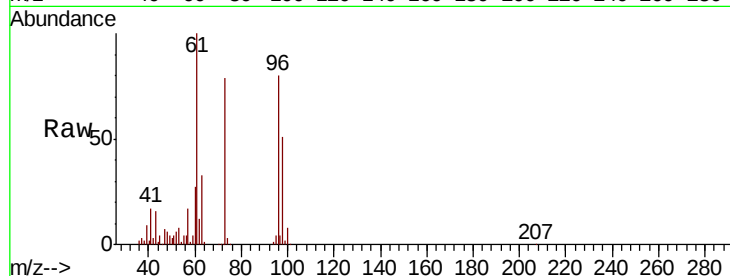
Tot Ion: 96 Resp: 114246

Ion Ratio Lower Upper

96 100

61 125.1 100.6 150.8

98 63.3 52.9 79.3



#22

Diisopropyl ether

Concen: 49.702 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Tgt Ion: 45 Resp: 261146

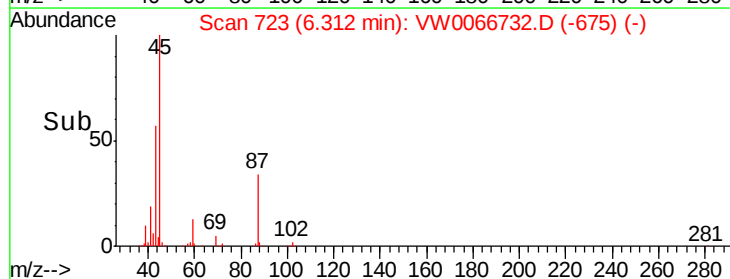
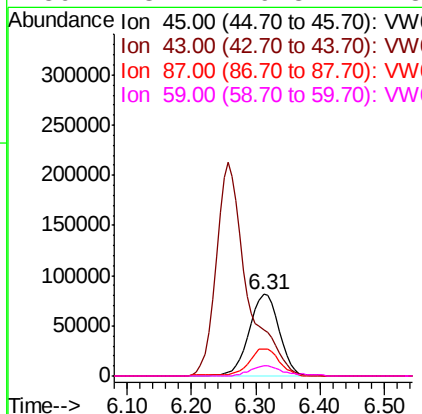
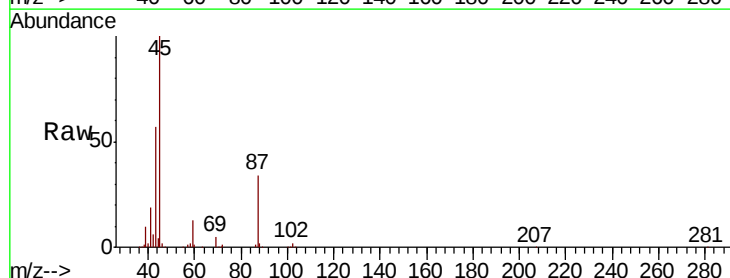
Ion Ratio Lower Upper

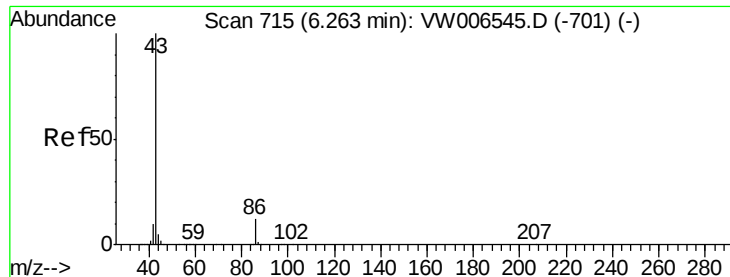
45 100

43 56.3 43.6 65.4

87 33.7 26.3 39.5

59 13.2 9.8 14.8





#23

Vinyl Acetate

Concen: 244.110 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

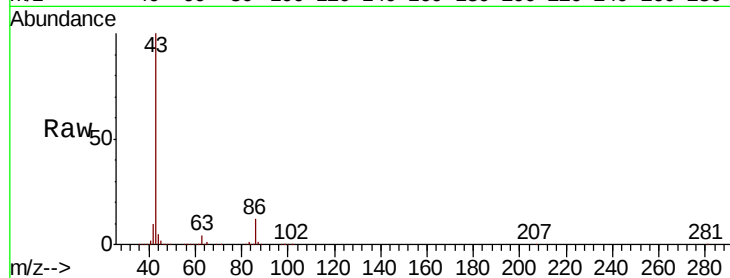
ClientSampleId :

Tot Ion: 43 Resp: 711273

Ion Ratio Lower Upper

43 100

86 12.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

250000

200000

150000

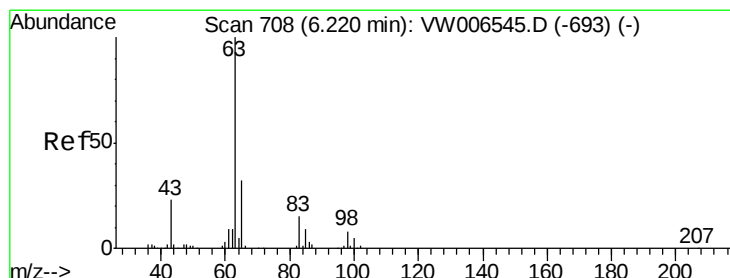
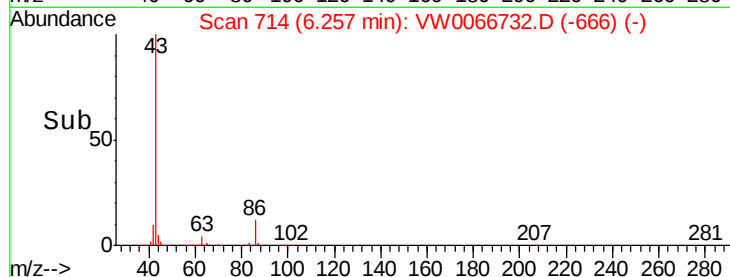
100000

50000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 51.357 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

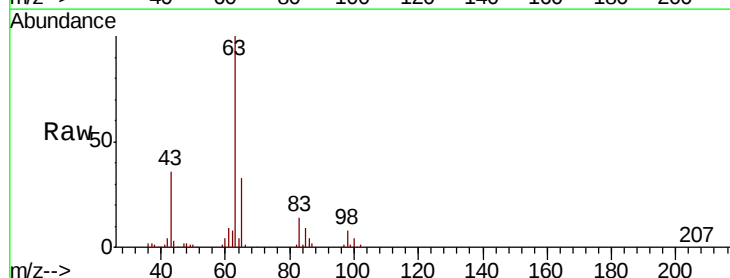
Tgt Ion: 63 Resp: 182882

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

80000

60000

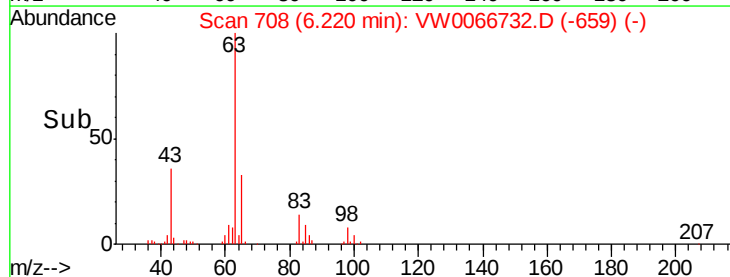
40000

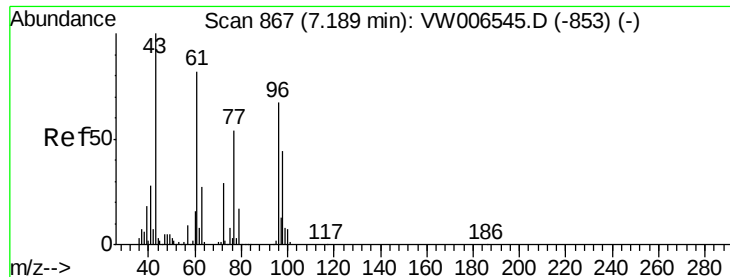
20000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 246.525 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

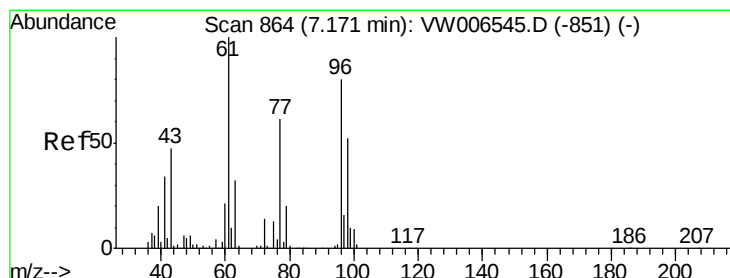
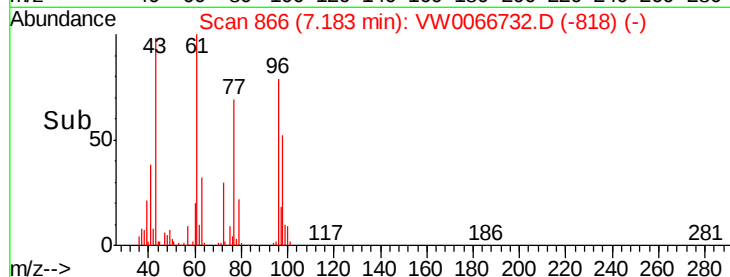
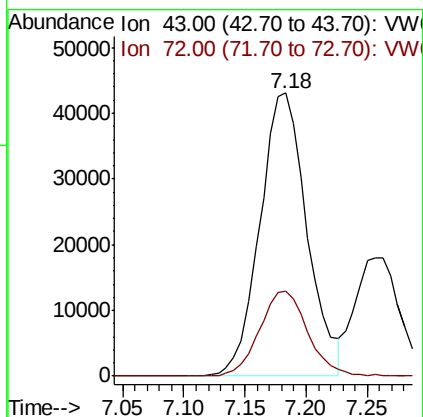
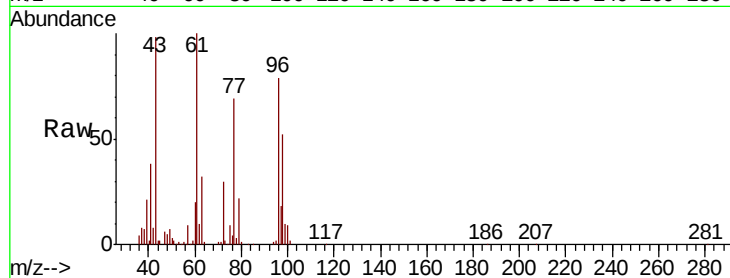
ClientSampleId :

Tot Ion: 43 Resp: 115564

Ion Ratio Lower Upper

43 100

72 30.2 23.2 34.8



#26

2,2-Dichloropropane

Concen: 57.925 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW0066732.D

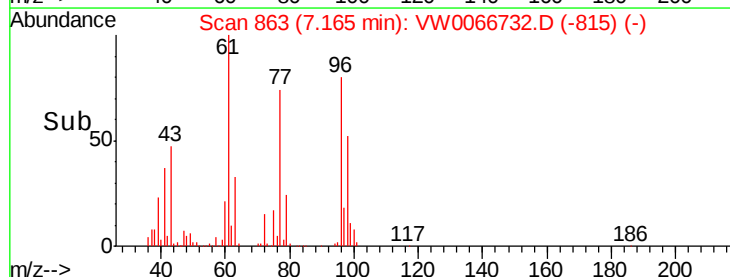
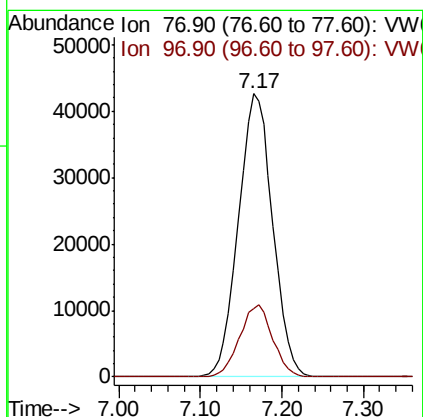
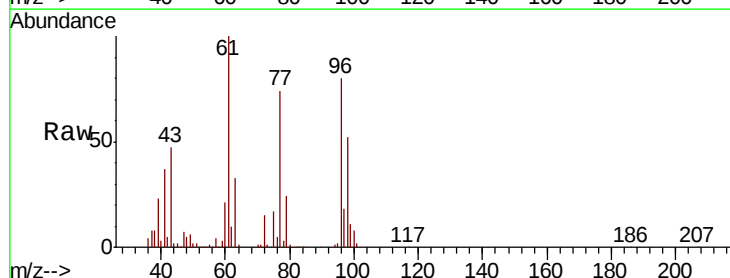
Acq: 07 Nov 2018 13:12

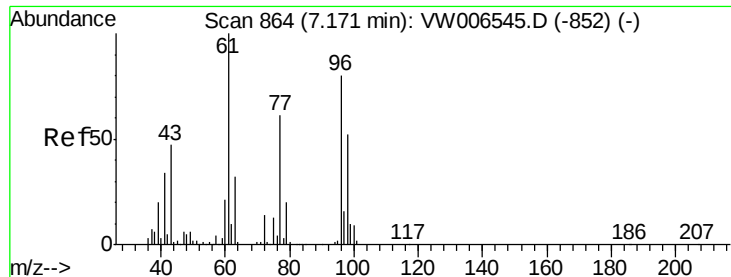
Tgt Ion: 77 Resp: 124254

Ion Ratio Lower Upper

77 100

97 24.5 12.8 38.4



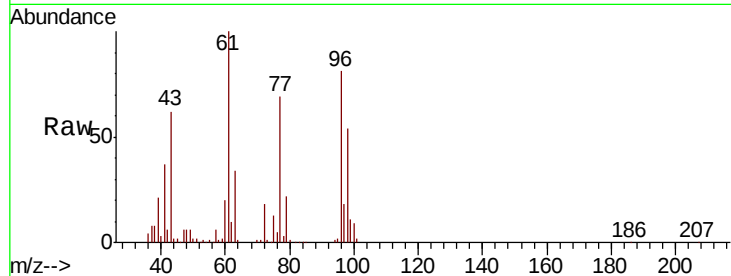


#27

cis-1,2-Dichloroethene
 Concen: 51.363 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	96	Resp	125547
Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	254.2
98	64.8	0.0	129.6

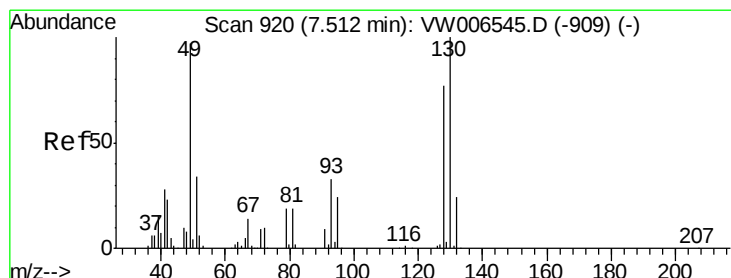
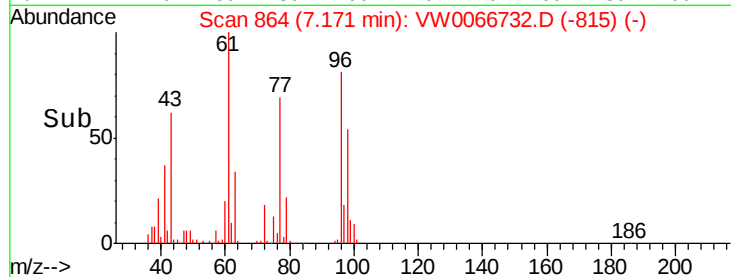
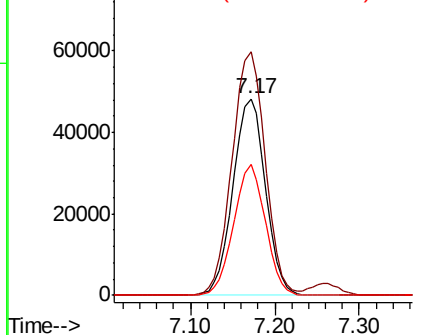


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

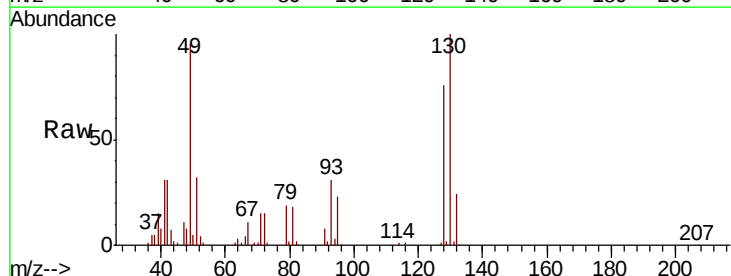
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
 Concen: 49.174 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion	49	Resp	69532
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	99.7	82.2	123.2

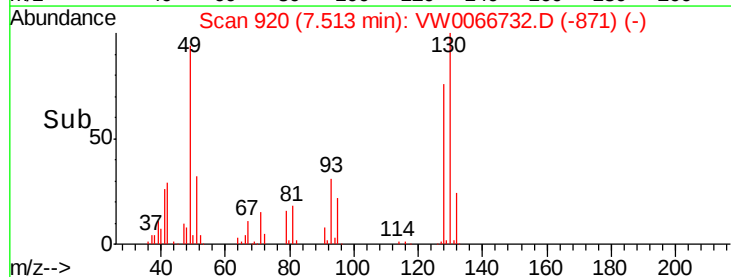
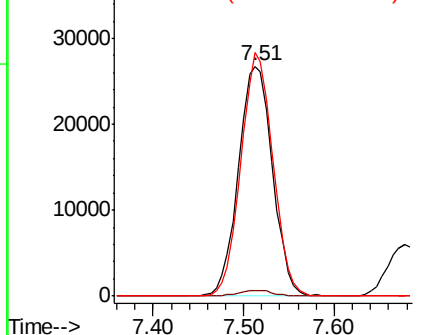


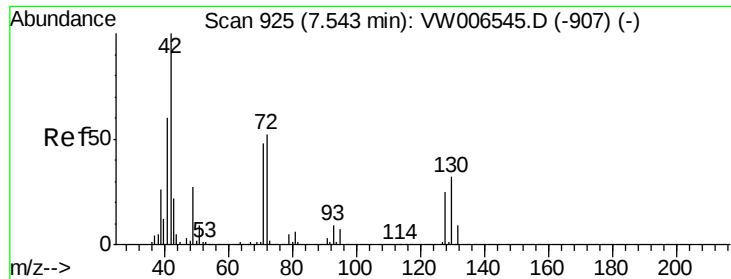
Abundance

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

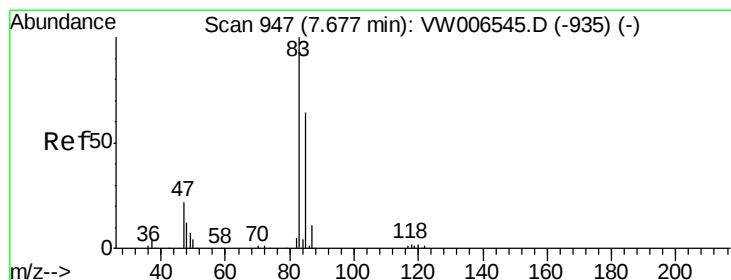
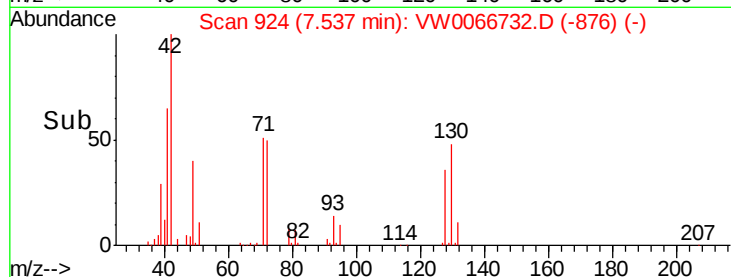
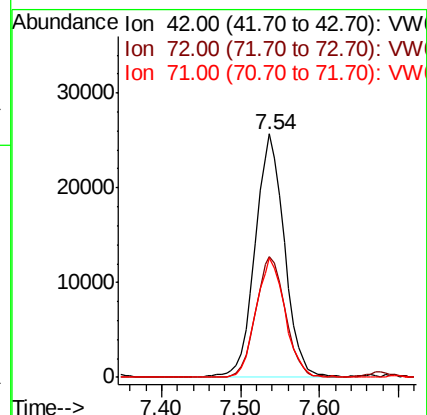
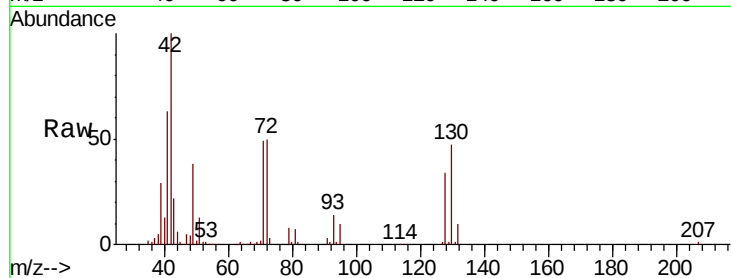




#29
Tetrahydrofuran
Concen: 225.357 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

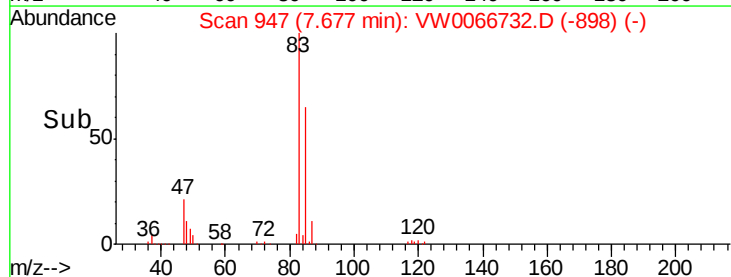
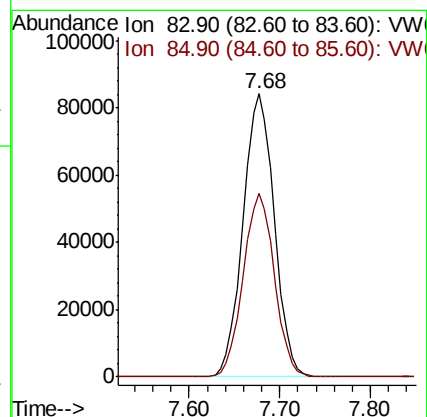
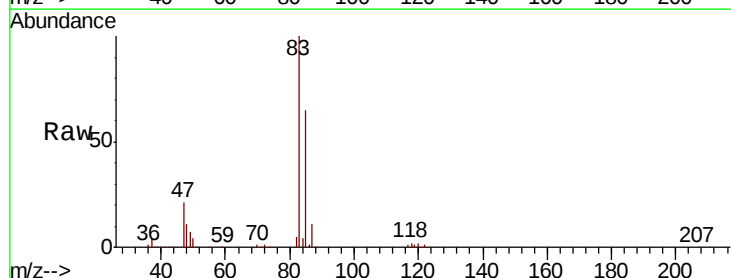
Instrument :
MSVOA_W
ClientSampled :

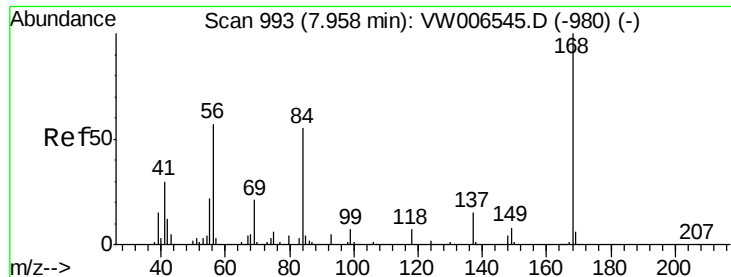
Tot Ion: 42 Resp: 66446
Ion Ratio Lower Upper
42 100
72 50.1 39.2 58.8
71 48.5 37.6 56.4



#30
Chloroform
Concen: 51.455 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 83 Resp: 200892
Ion Ratio Lower Upper
83 100
85 64.7 51.3 76.9

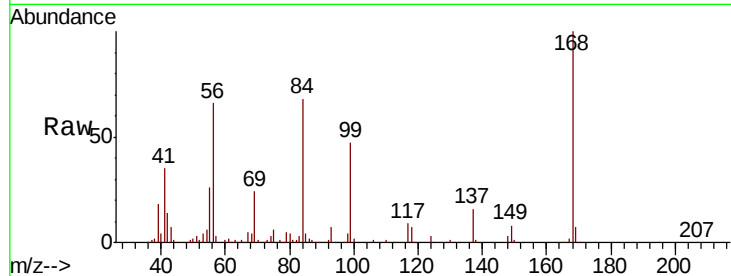




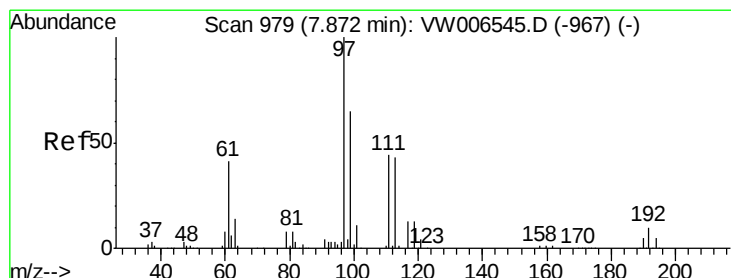
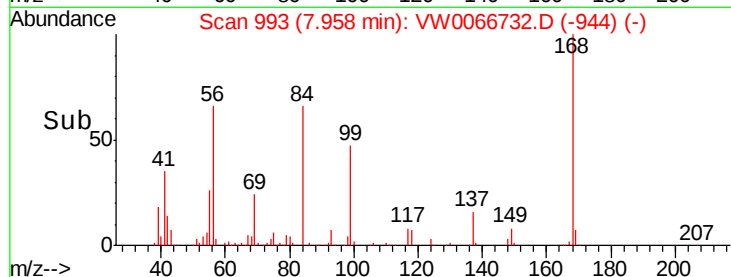
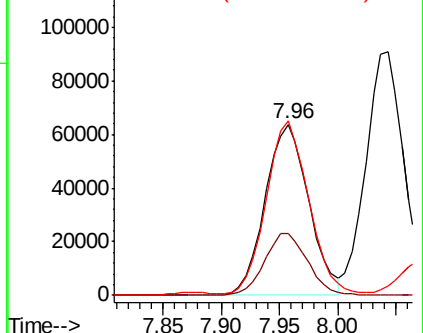
#31
Cyclohexane
Concen: 51.081 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 165554
Ion Ratio Lower Upper
56 100
69 36.2 29.0 43.4
84 100.5 77.8 116.6

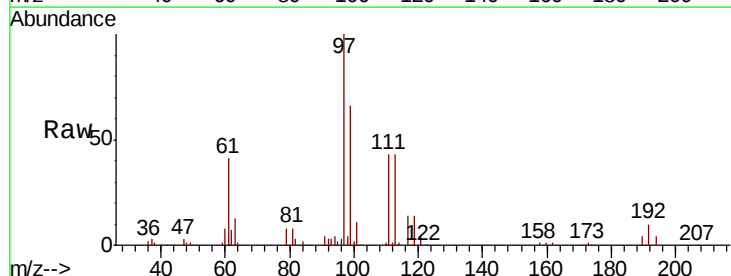


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

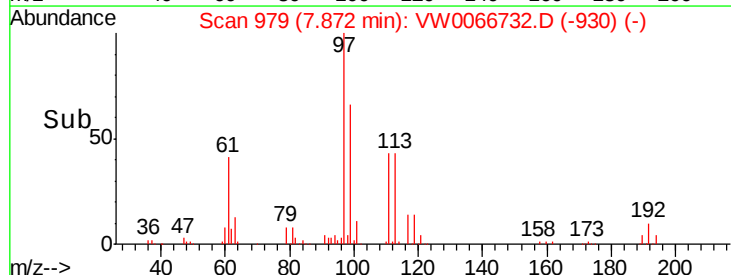
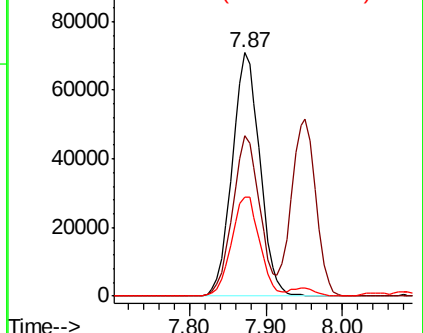


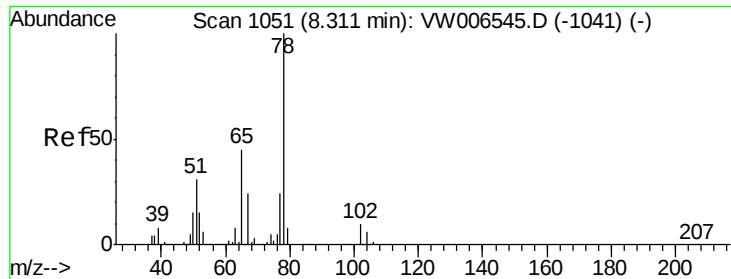
#32
1,1,1-Trichloroethane
Concen: 53.701 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 97 Resp: 177411
Ion Ratio Lower Upper
97 100
99 65.3 51.7 77.5
61 41.4 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

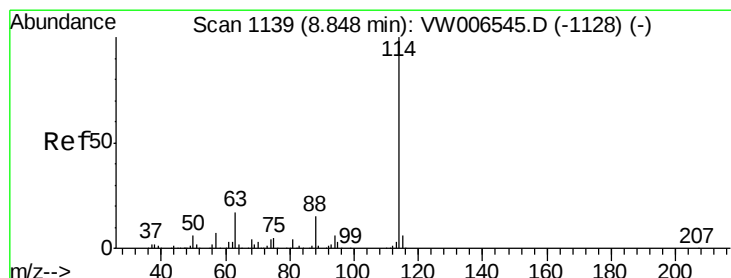
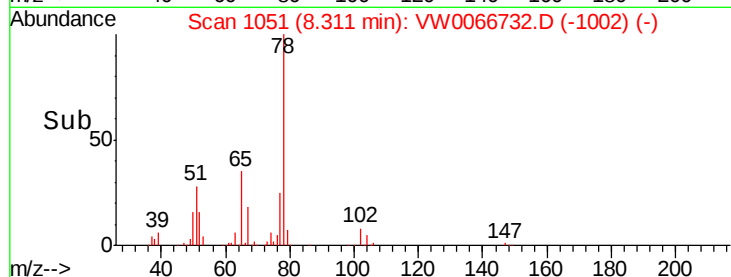
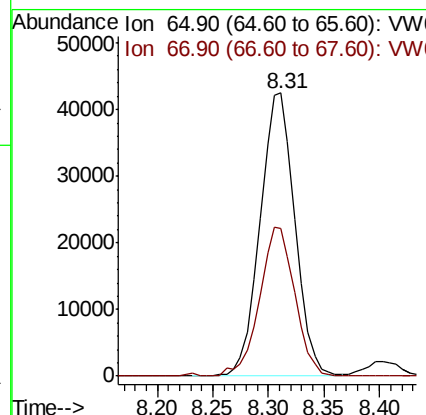
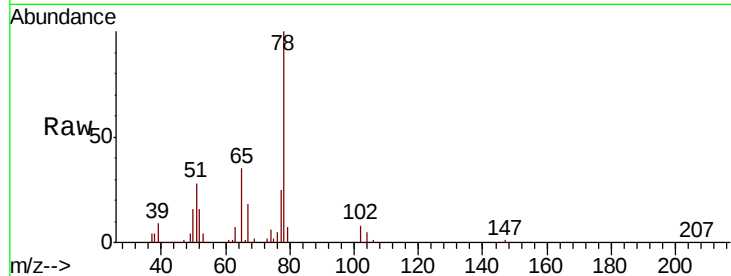




#33
 1,2-Dichloroethane-d4
 Concen: 45.485 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

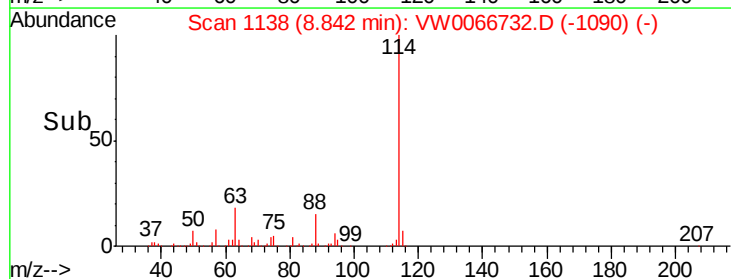
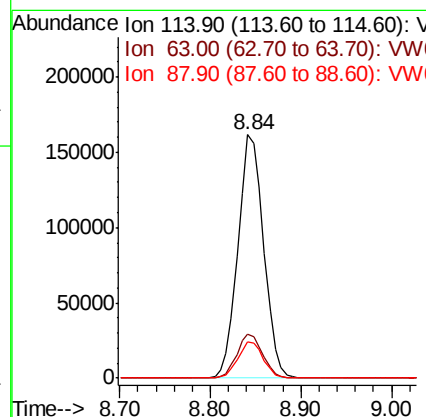
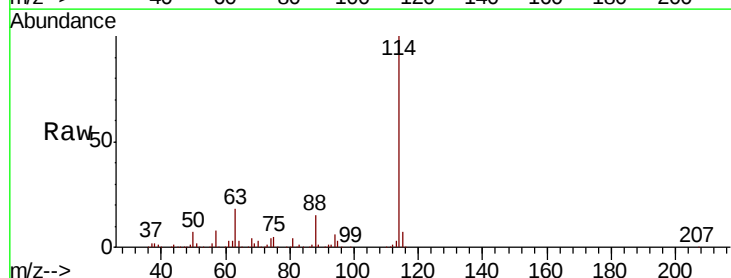
Instrument :
 MSVOA_W
 ClientSampleId :

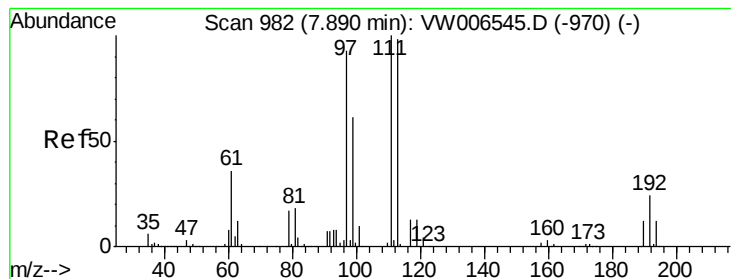
Tot Ion: 65 Resp: 92551
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion: 114 Resp: 318259
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.4
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.627 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

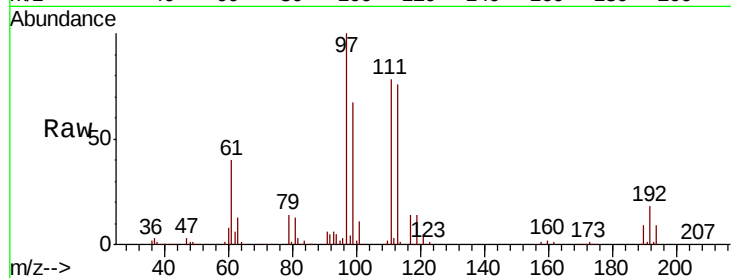
Tot Ion:113 Resp: 101118

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

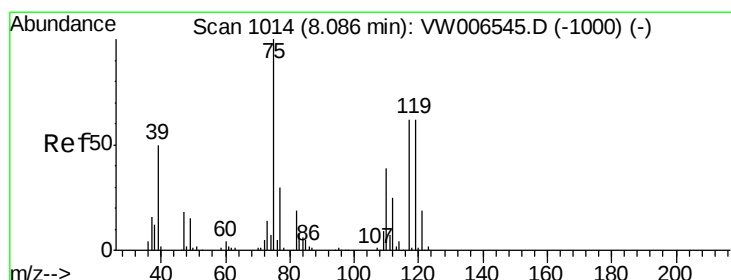
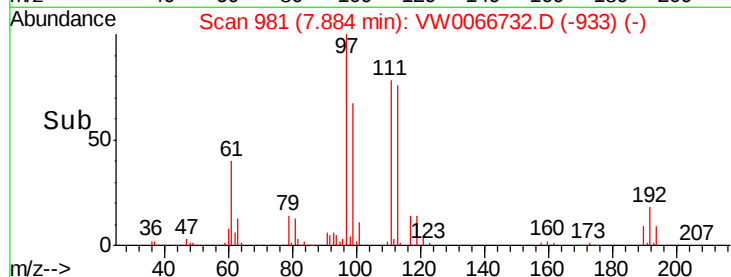
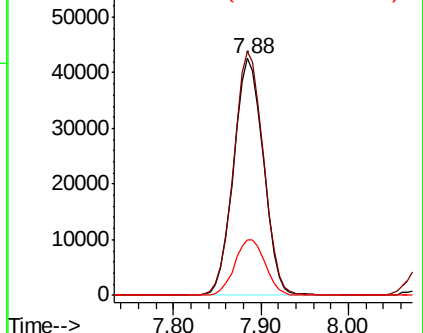
192 23.9 19.0 28.6



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: 57.486 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

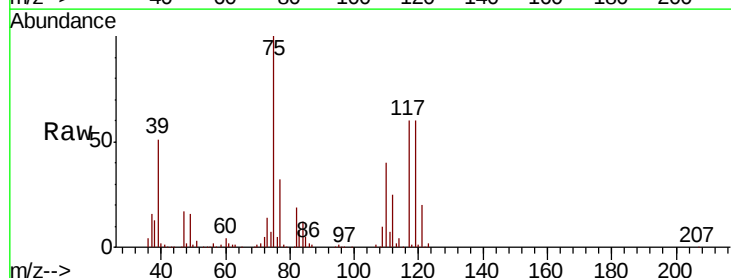
Tgt Ion: 75 Resp: 160891

Ion Ratio Lower Upper

75 100

110 38.9 19.5 58.5

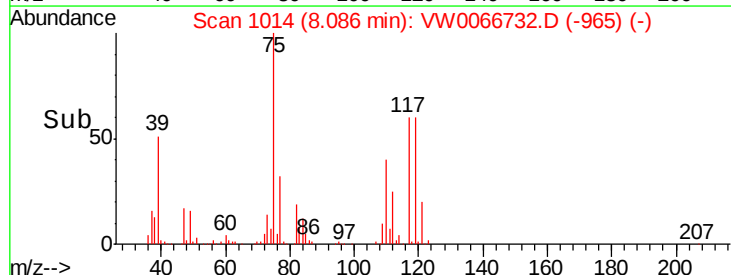
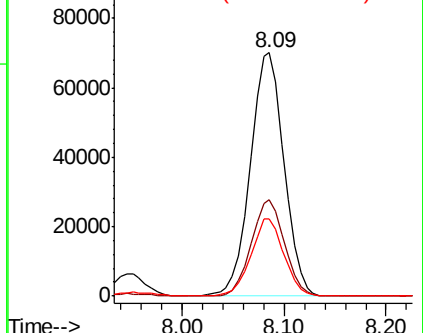
77 31.1 24.6 37.0

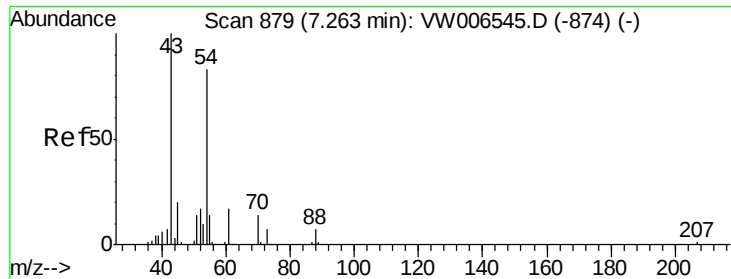


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

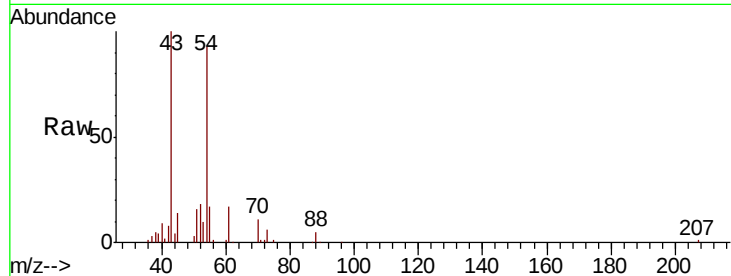




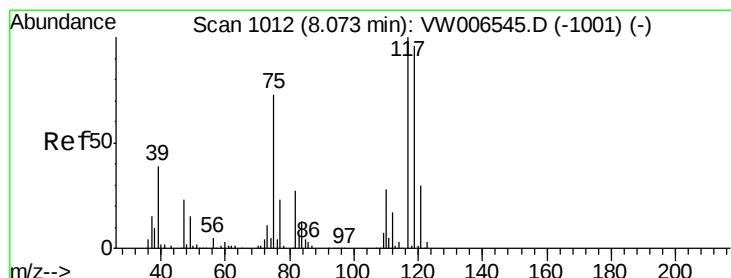
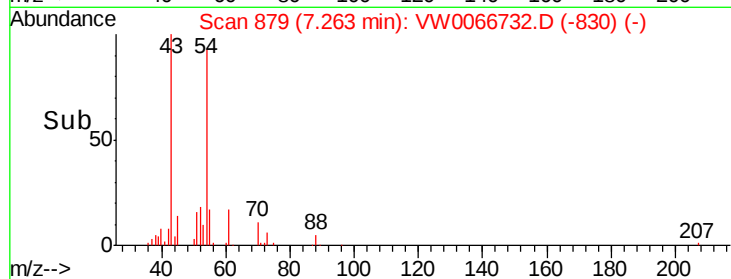
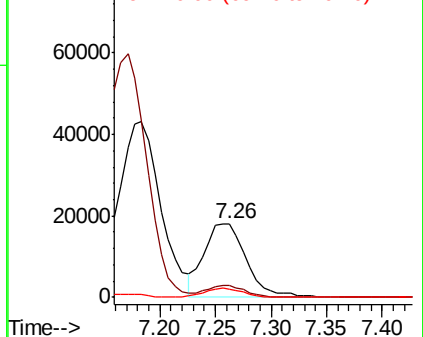
#37
Ethyl Acetate
Concen: 48.354 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 46898
Ion Ratio Lower Upper
43 100
61 15.8 12.1 18.1
70 11.4 9.8 14.6

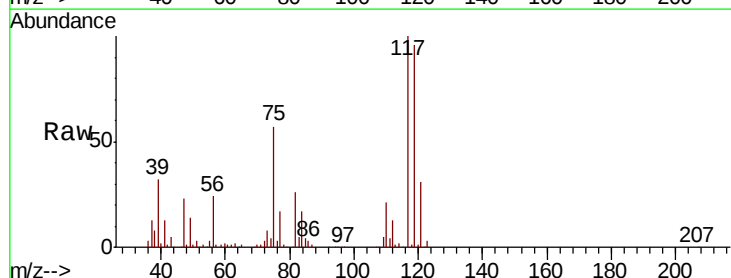


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

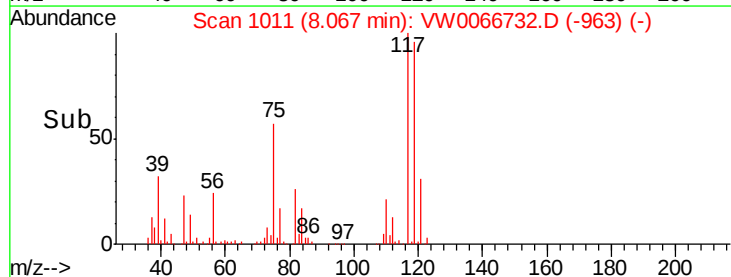
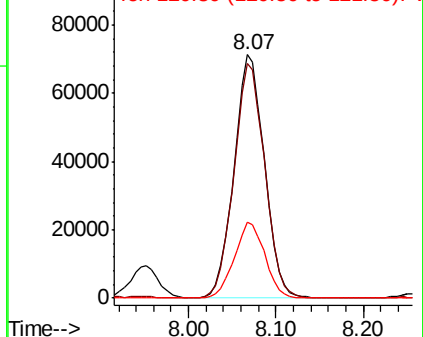


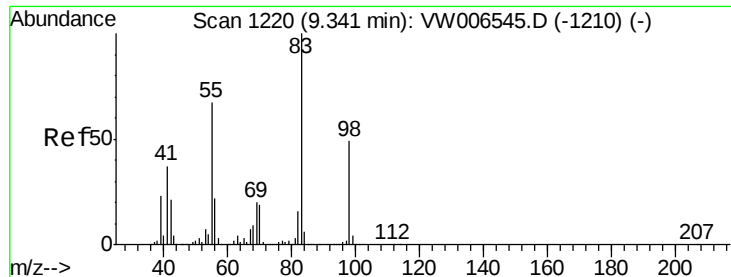
#38
Carbon Tetrachloride
Concen: 58.931 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 117 Resp: 172343
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5
121 31.0 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

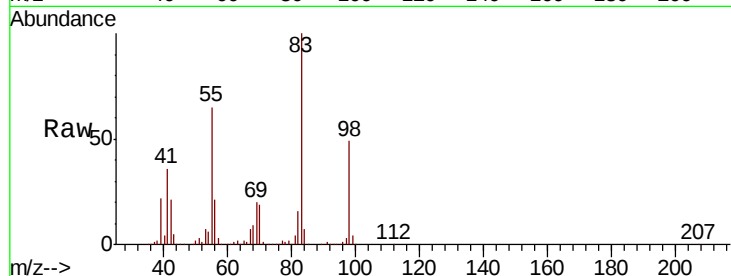




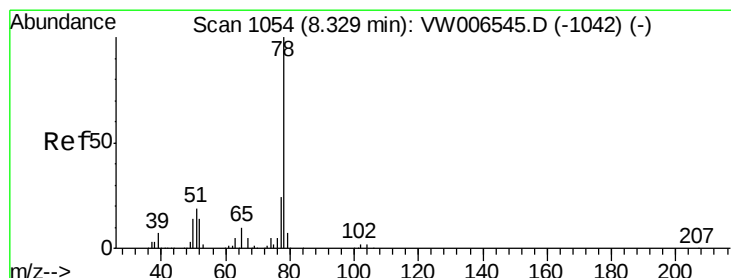
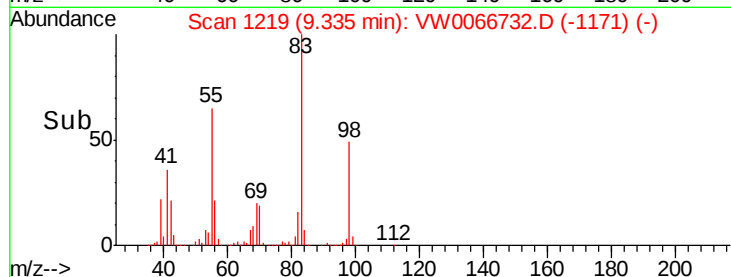
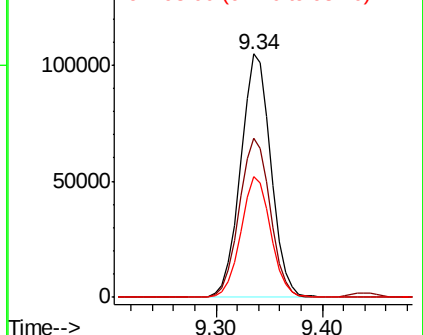
#39
Methvlcvclohexane
Concen: 58.958 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 209401
Ion Ratio Lower Upper
83 100
55 65.4 53.7 80.5
98 49.4 39.2 58.8

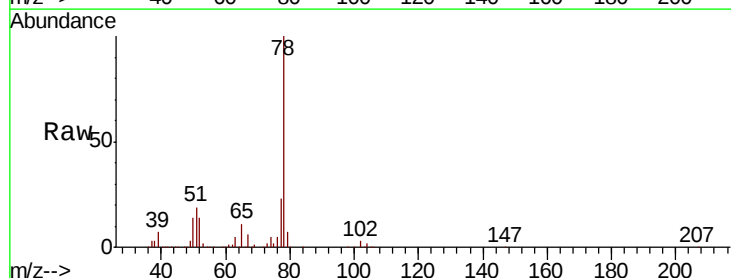


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

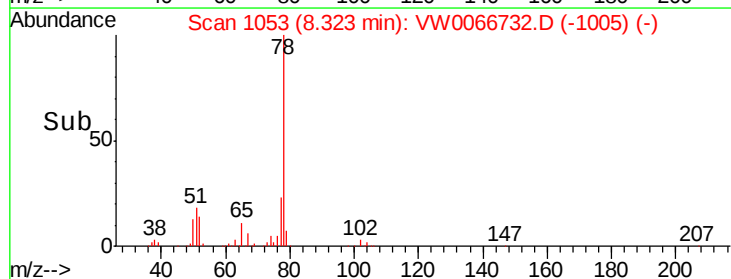
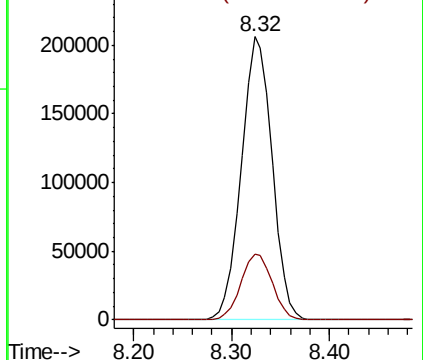


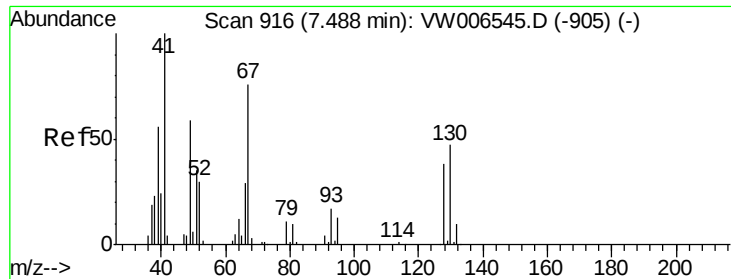
#40
Benzene
Concen: 56.596 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 78 Resp: 449913
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

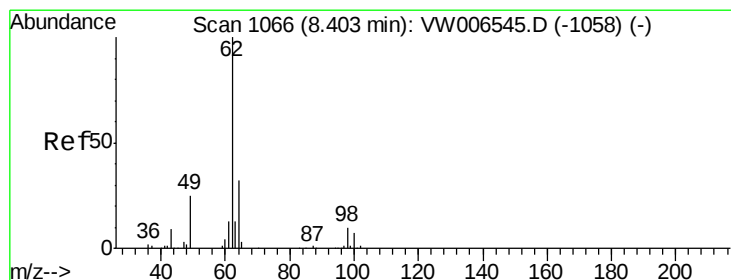
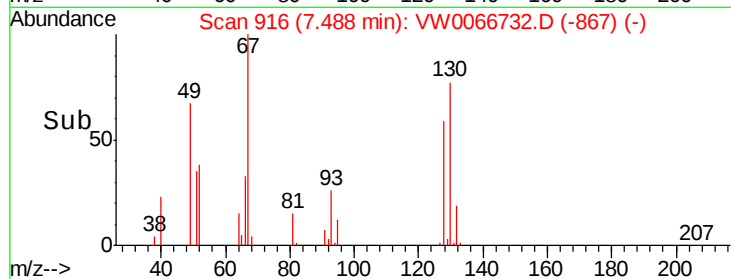
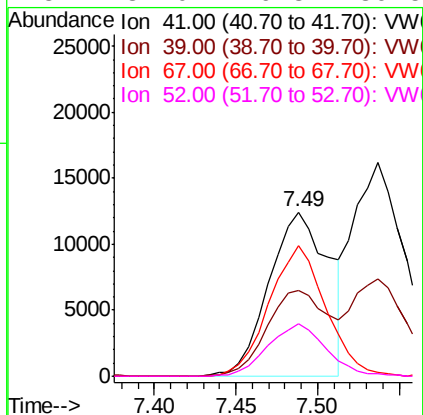
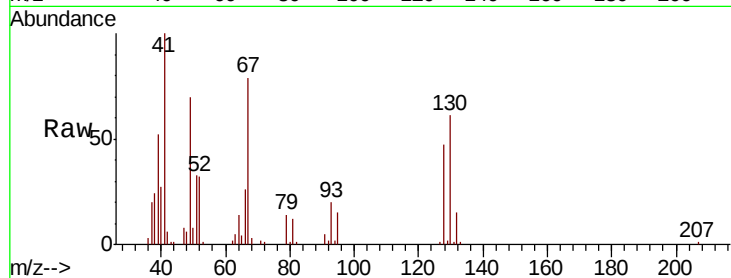




#41
Methacrylonitrile
Concen: 53.358 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

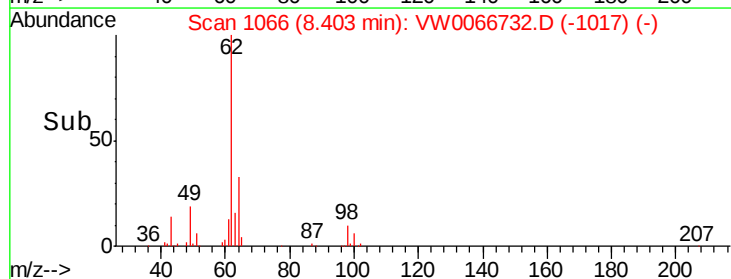
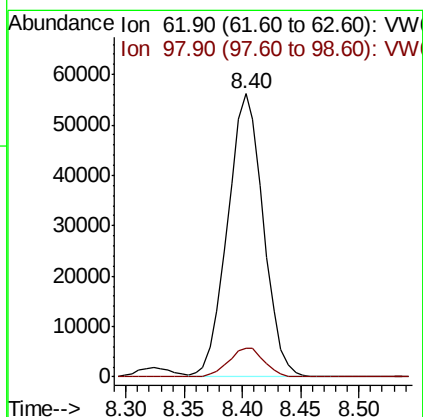
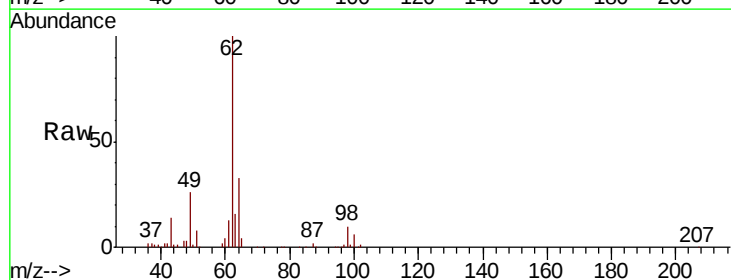
Instrument :
MSVOA_W
ClientSampled :

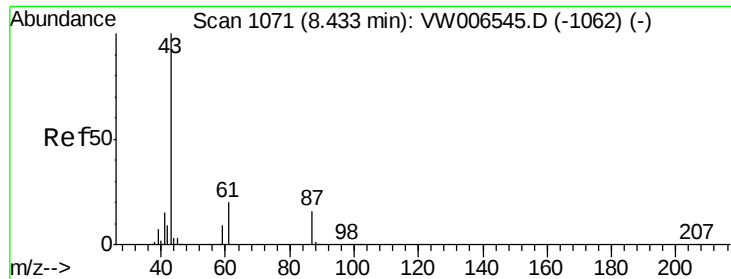
Tot Ion:	41	Resp:	31734
Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.5	66.7
67	75.1	63.8	95.8
52	31.0	26.3	39.5



#42
1,2-Dichloroethane
Concen: 52.542 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion:	62	Resp:	119786
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8





#43

Isopropyl Acetate

Concen: 49.770 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampled :

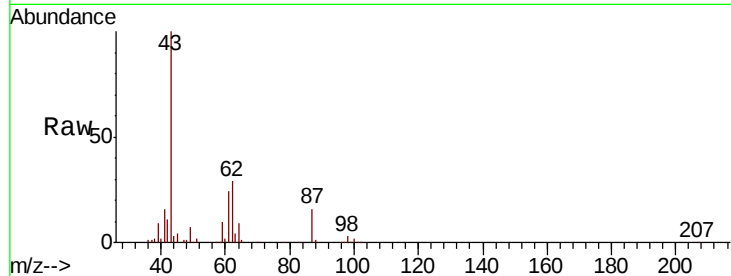
Tot Ion: 43 Resp: 96325

Ion Ratio Lower Upper

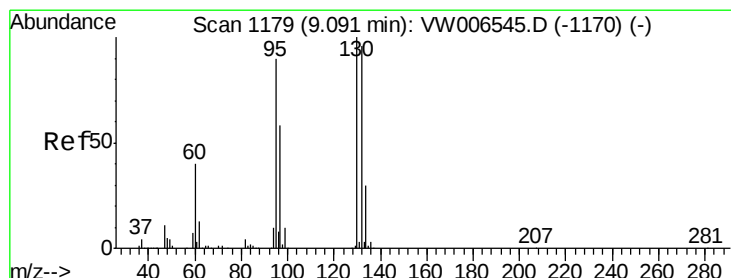
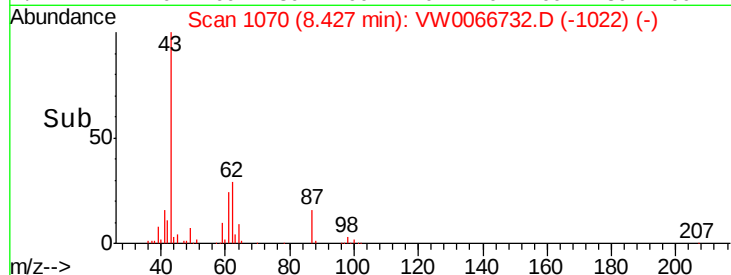
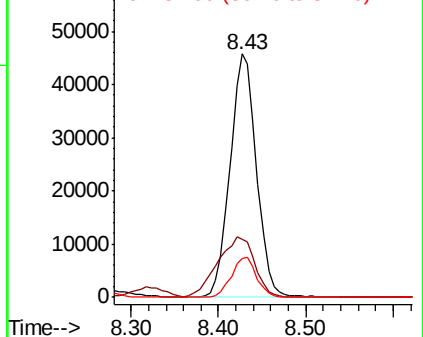
43 100

61 34.7 27.2 40.8

87 15.7 12.9 19.3



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: 55.271 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW0066732.D

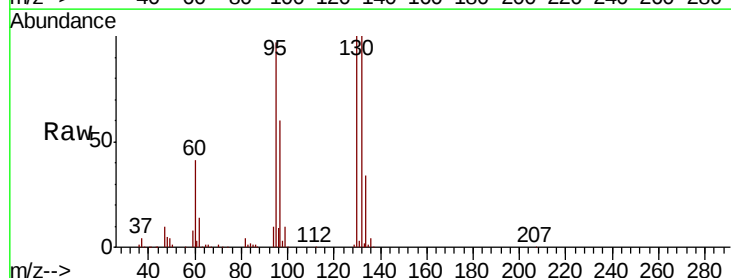
Acq: 07 Nov 2018 13:12

Tgt Ion:130 Resp: 135587

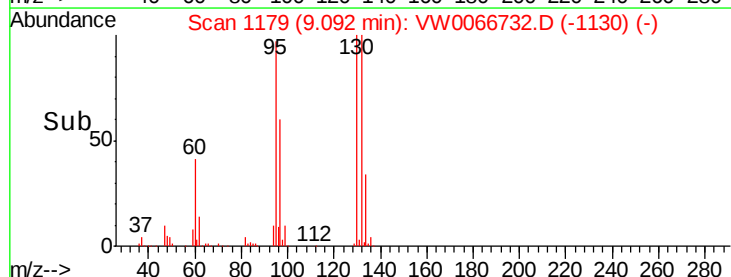
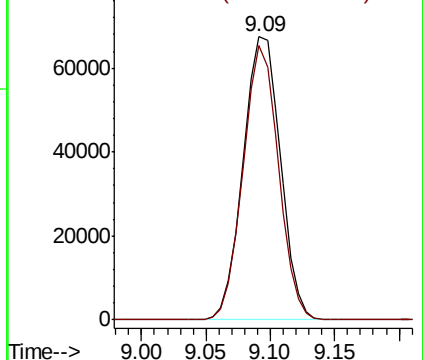
Ion Ratio Lower Upper

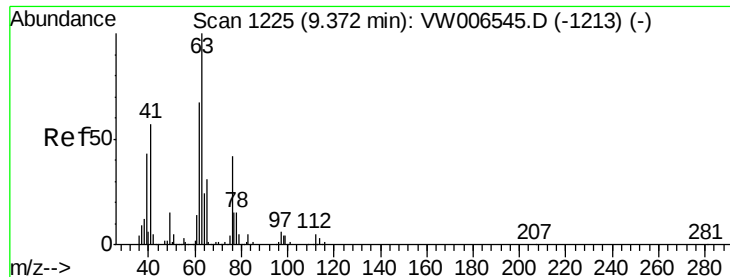
130 100

95 97.1 0.0 179.2



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





#45

1,2-Dichloropropane

Concen: 55.883 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

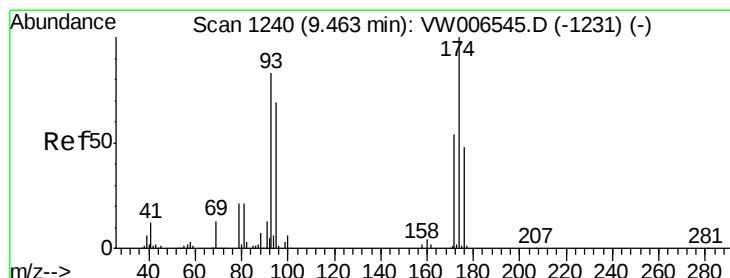
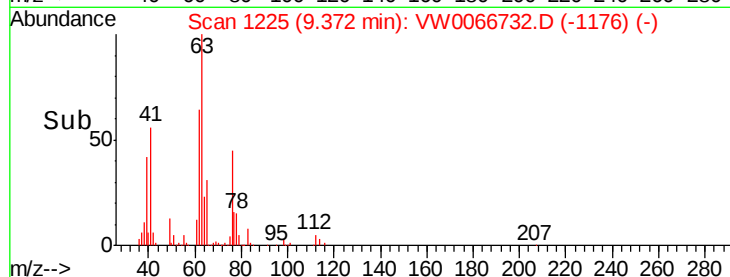
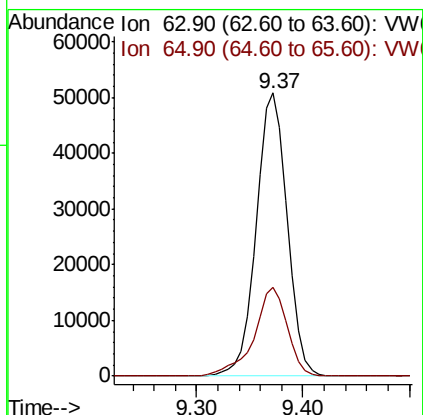
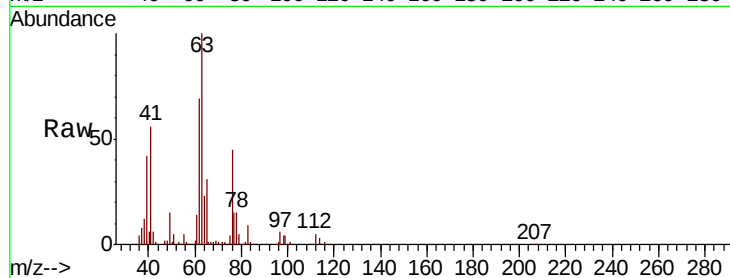
ClientSampled :

Tot Ion: 63 Resp: 103384

Ion Ratio Lower Upper

63 100

65 31.2 25.1 37.7



#46

Dibromomethane

Concen: 52.511 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

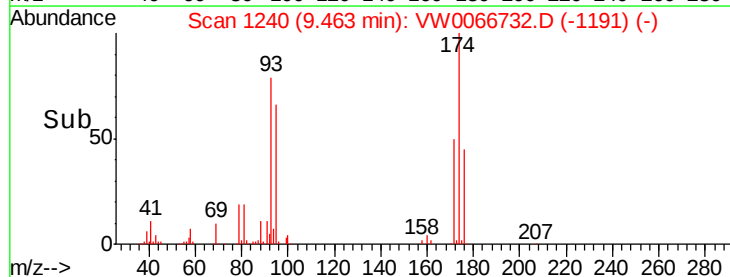
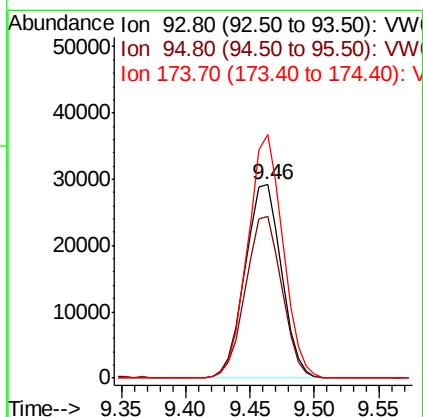
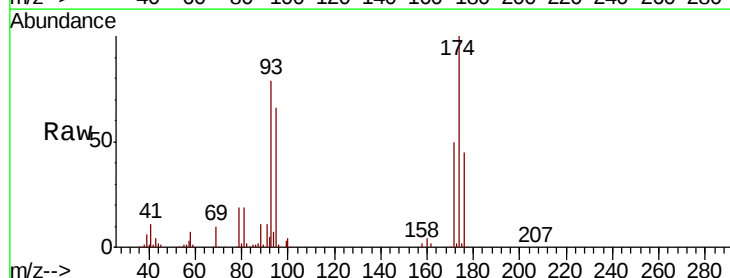
Tgt Ion: 93 Resp: 57106

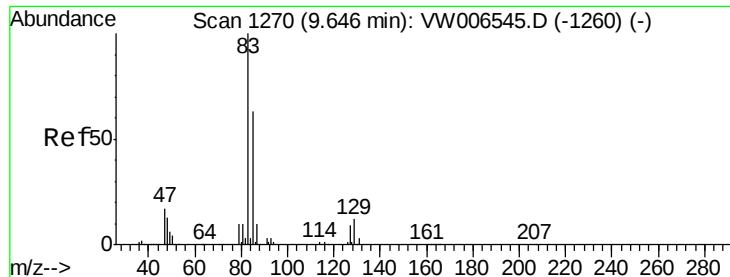
Ion Ratio Lower Upper

93 100

95 83.0 67.2 100.8

174 121.2 97.3 145.9





#47

Bromodichloromethane

Concen: 55.136 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

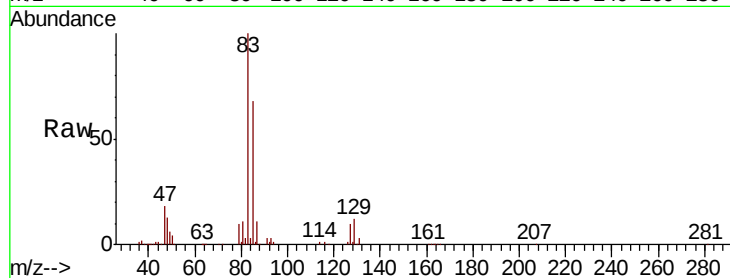
Tot Ion: 83 Resp: 139225

Ion Ratio Lower Upper

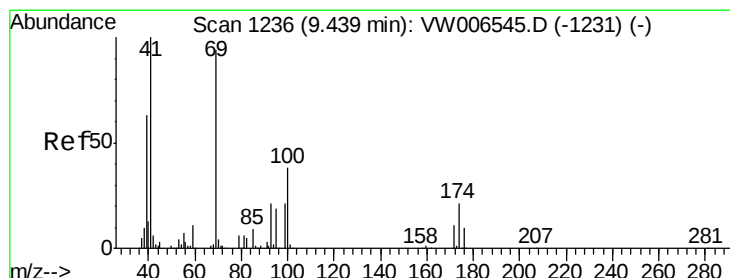
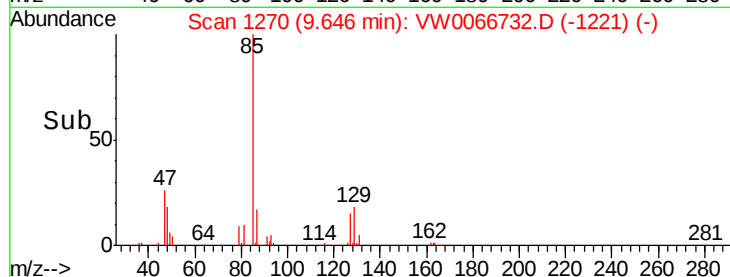
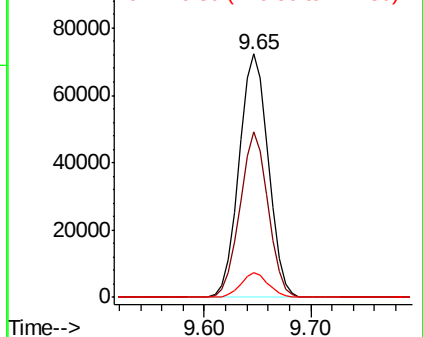
83 100

85 68.1 50.6 75.8

127 10.3 7.5 11.3



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: 50.624 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

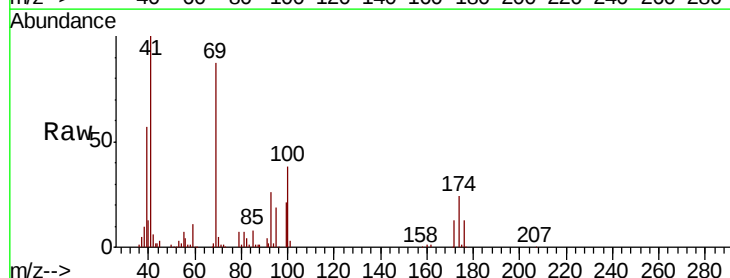
Tgt Ion: 41 Resp: 47206

Ion Ratio Lower Upper

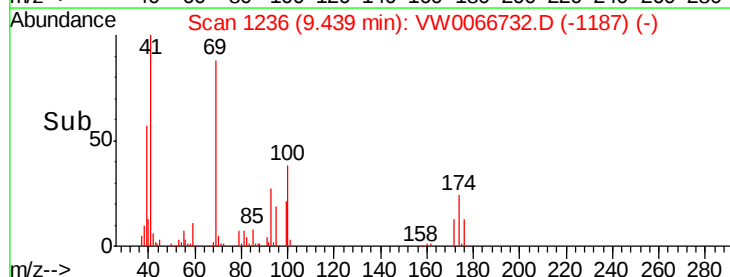
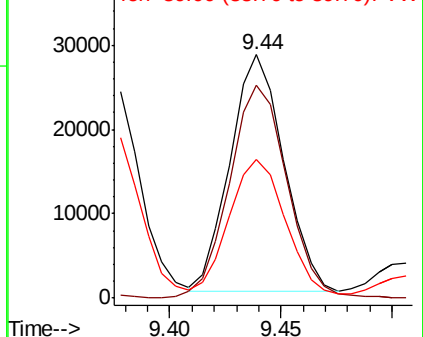
41 100

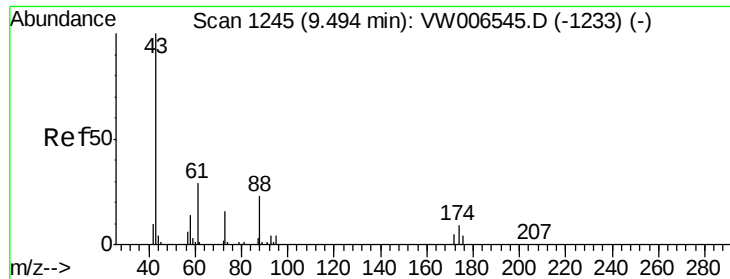
69 97.0 77.8 116.8

39 58.8 48.7 73.1



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

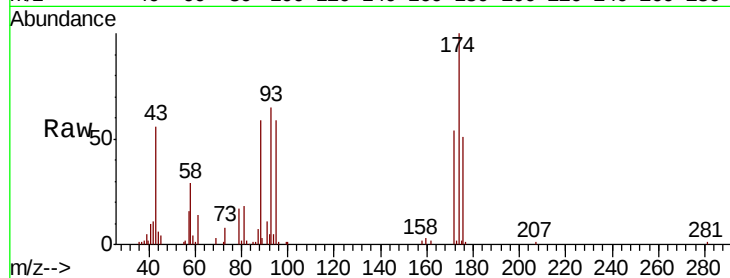




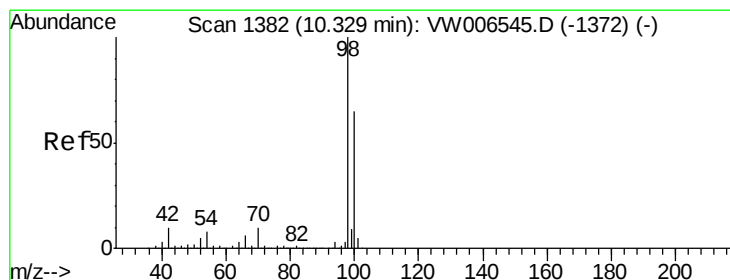
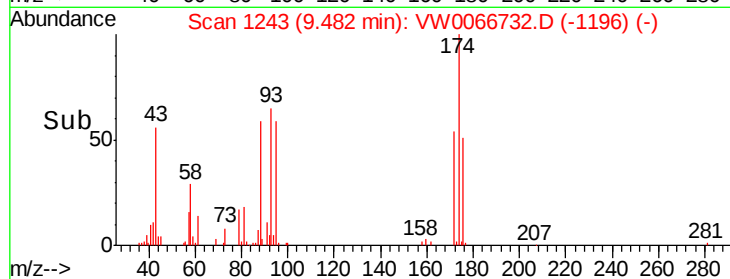
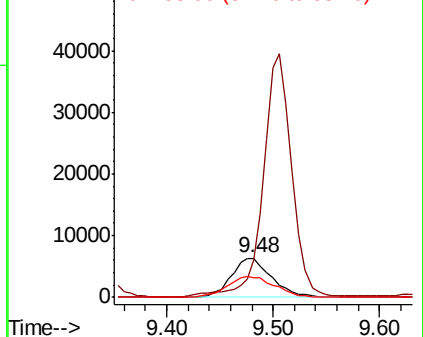
#49
1,4-Dioxane
Concen: 1054.003 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 16775
Ion Ratio Lower Upper
88 100
43 0.0 356.6 534.8#
58 62.9 51.4 77.2

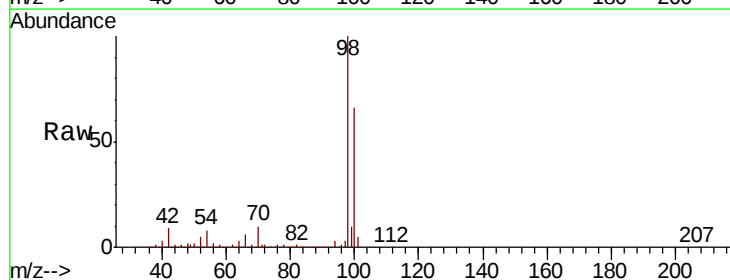


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

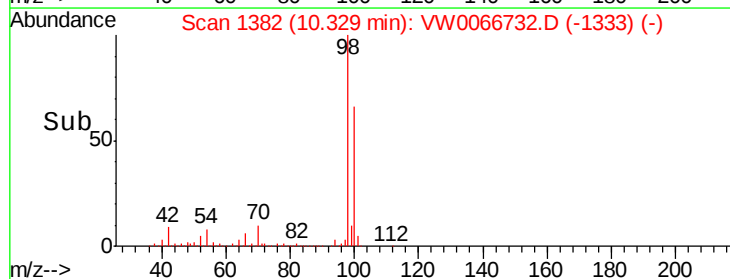
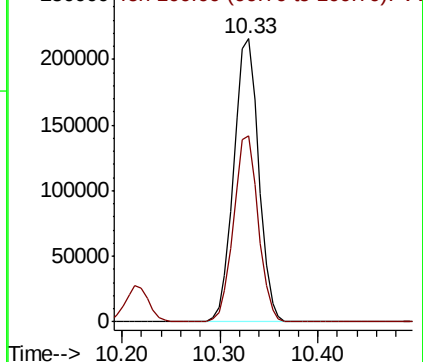


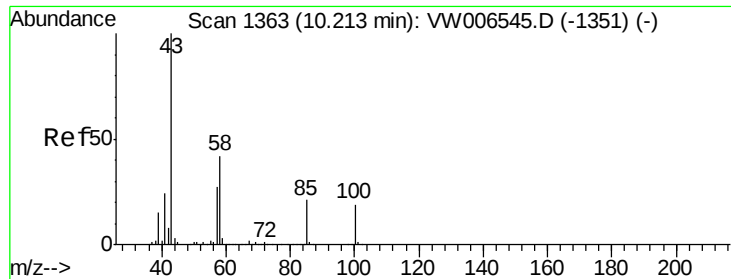
#50
Toluene-d8
Concen: 50.199 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 98 Resp: 381689
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



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: 248.150 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

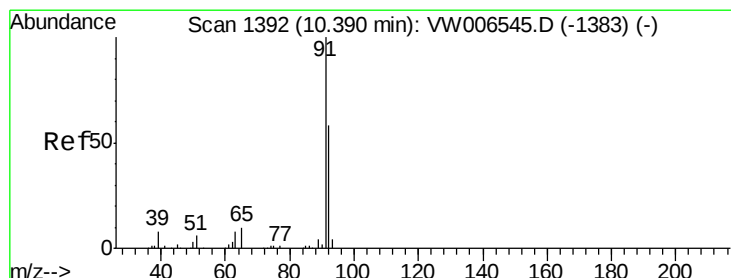
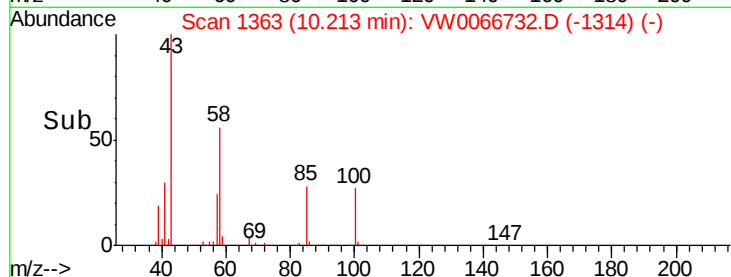
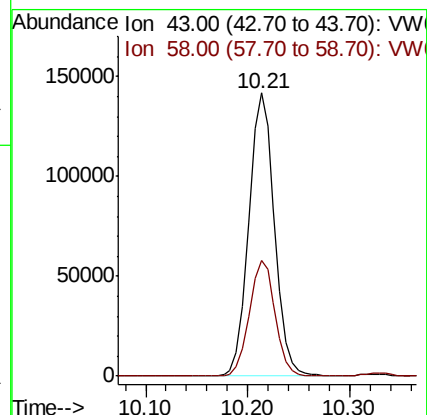
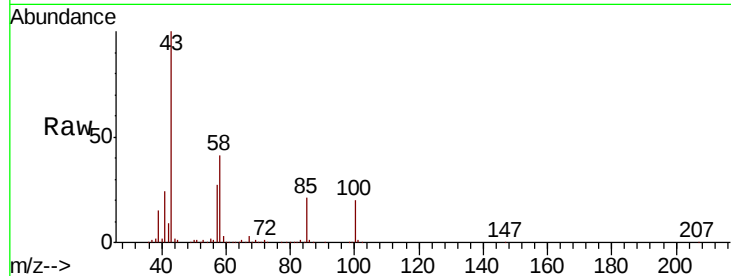
ClientSampleId :

Tot Ion: 43 Resp: 246660

Ion Ratio Lower Upper

43 100

58 41.3 33.4 50.0



#52

Toluene

Concen: 55.514 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW0066732.D

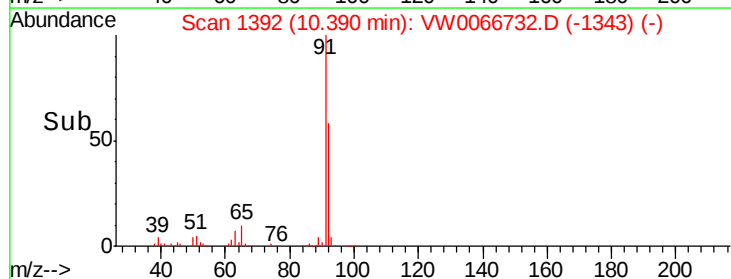
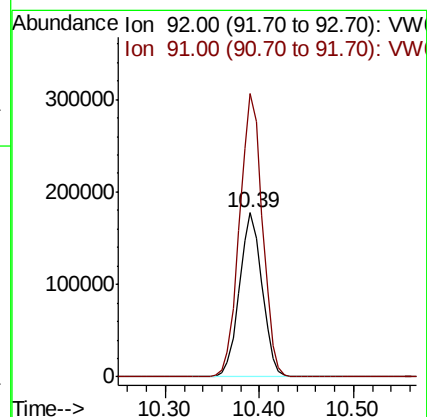
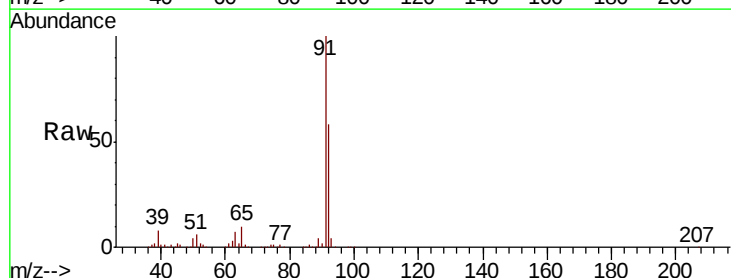
Acq: 07 Nov 2018 13:12

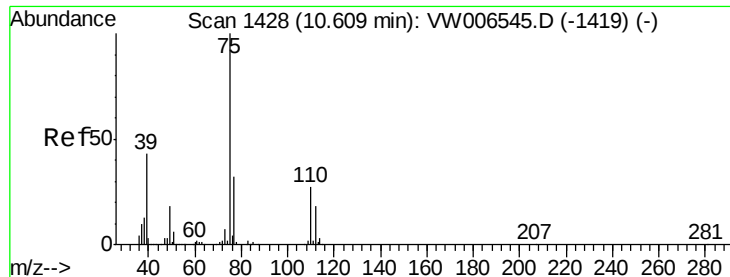
Tgt Ion: 92 Resp: 295995

Ion Ratio Lower Upper

92 100

91 174.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 54.860 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

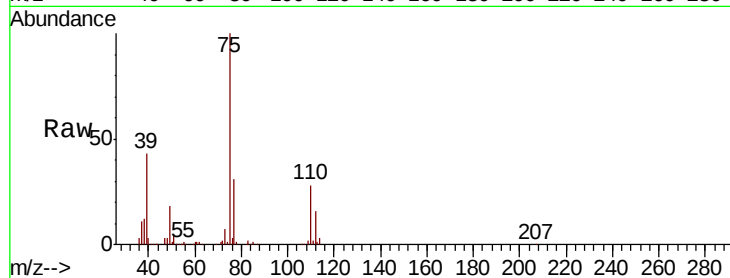
ClientSampleId :

Tot Ion: 75 Resp: 133320

Ion Ratio Lower Upper

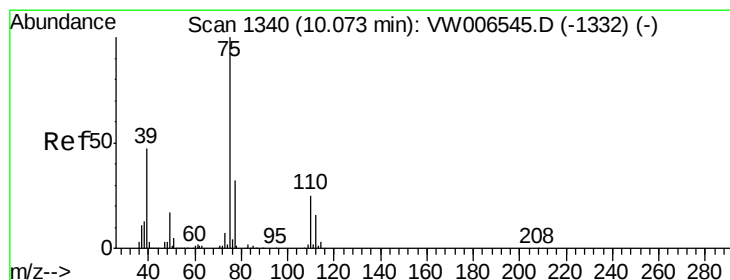
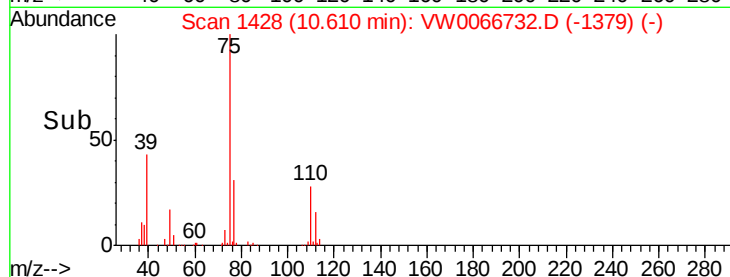
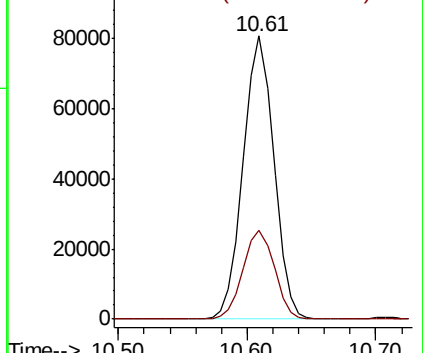
75 100

77 31.3 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 55.212 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

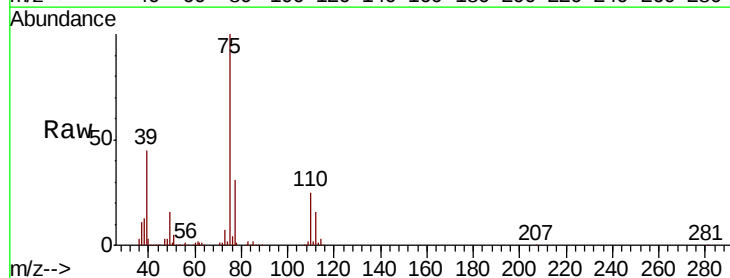
Tgt Ion: 75 Resp: 158555

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

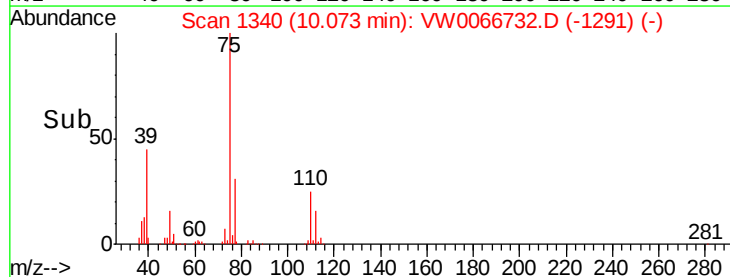
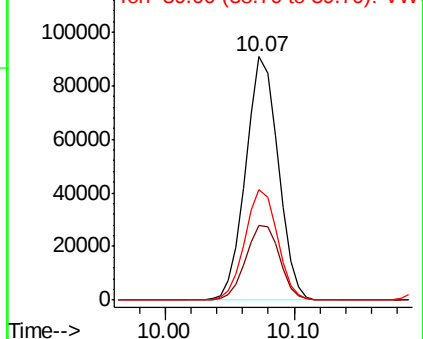
39 45.4 37.3 55.9

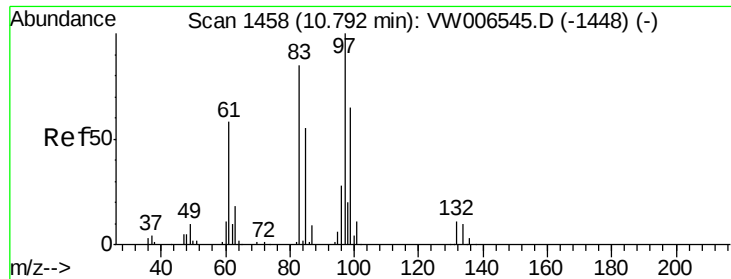


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

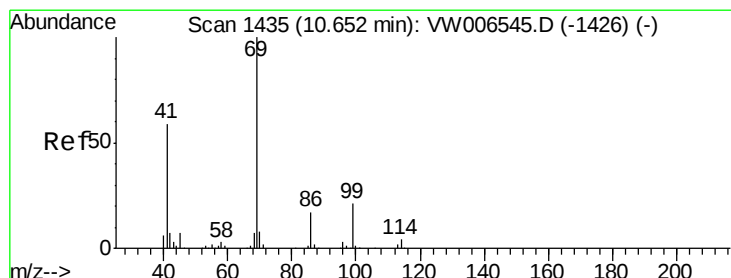
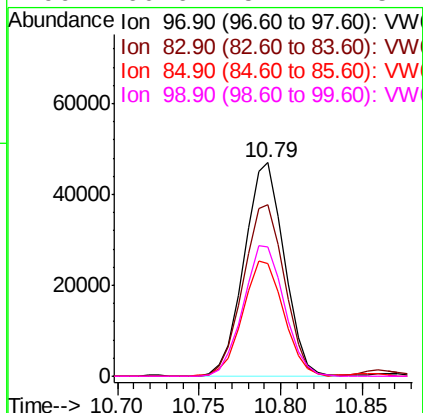
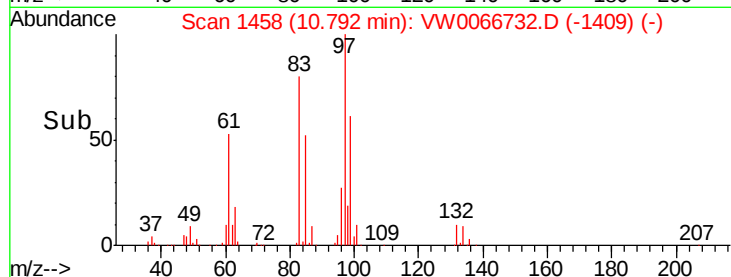
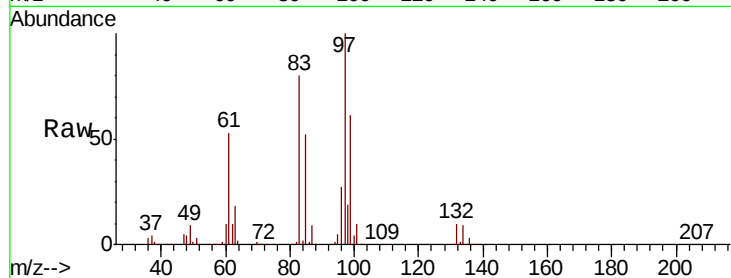




#55
 1,1,2-Trichloroethane
 Concen: 52.056 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

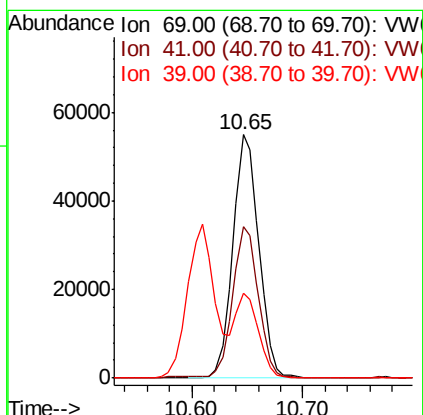
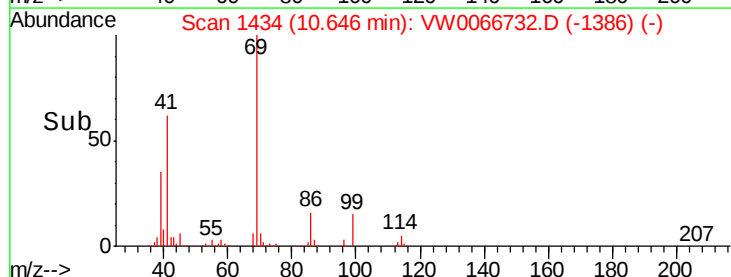
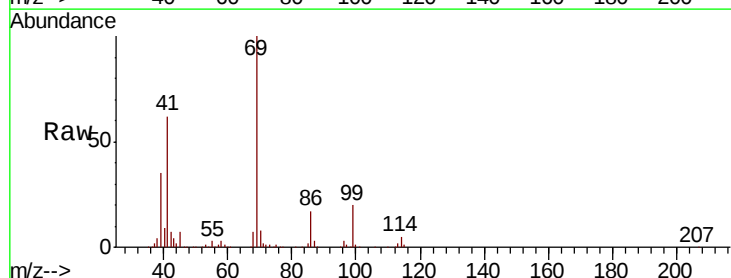
Instrument :
 MSVOA_W
 ClientSampled :

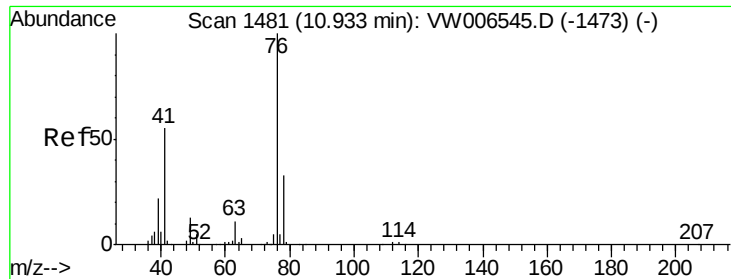
Tot Ion:	97	Resp:	80324
Ion	Ratio	Lower	Upper
97	100		
83	80.3	67.9	101.9
85	52.5	44.0	66.0
99	60.6	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 50.350 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion:	69	Resp:	88303
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.4	71.2
39	30.3	25.3	37.9

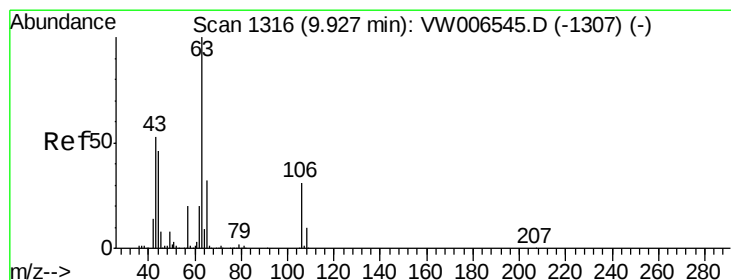
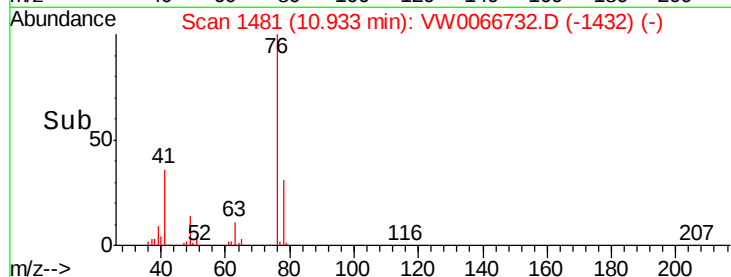
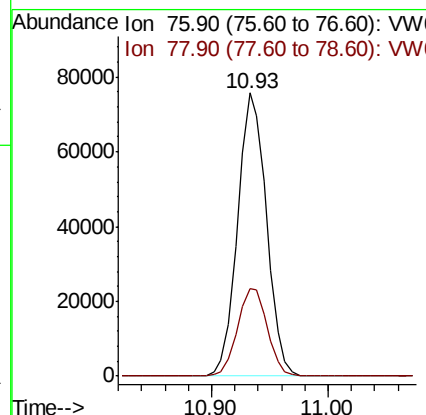
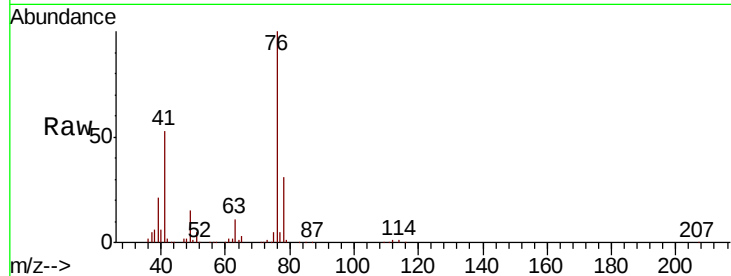




#57
 1,3-Dichloropropane
 Concen: 52.080 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

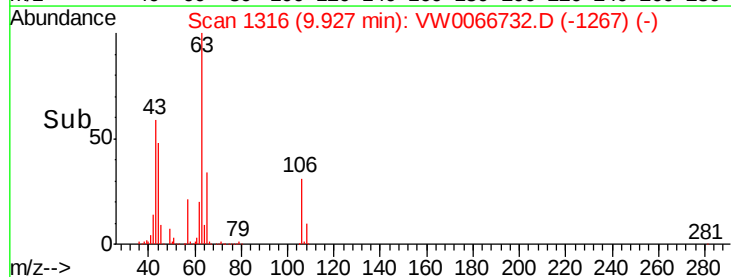
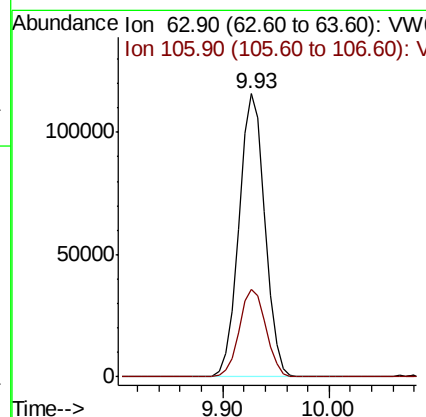
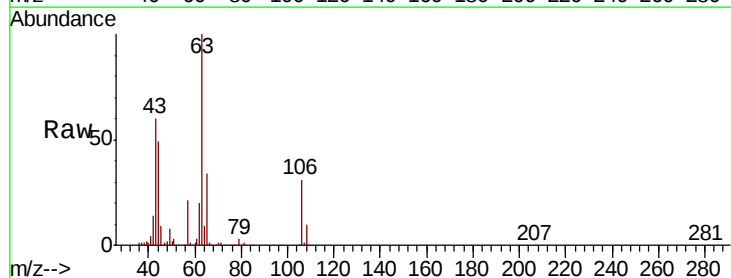
Instrument :
 MSVOA_W
 ClientSampled :

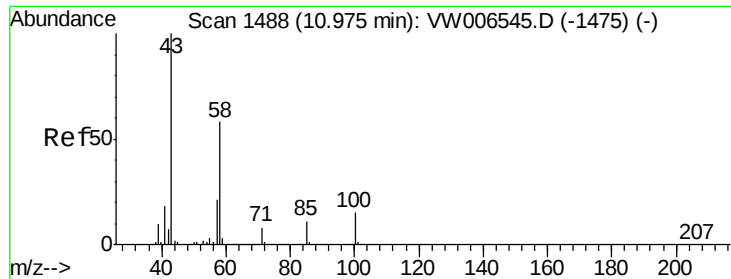
Tot Ion: 76 Resp: 130492
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.240 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion: 63 Resp: 197992
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.2

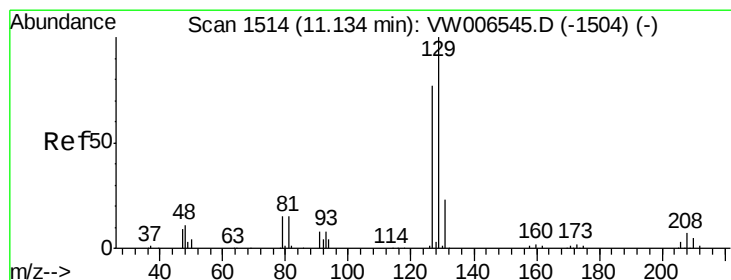
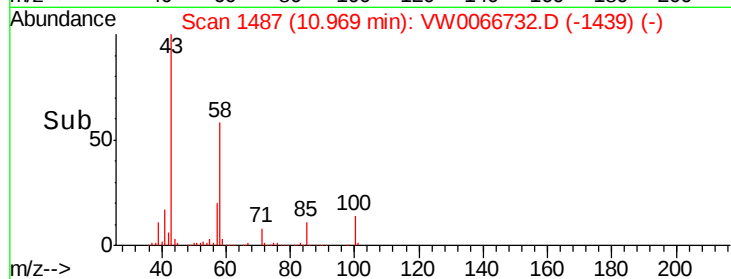
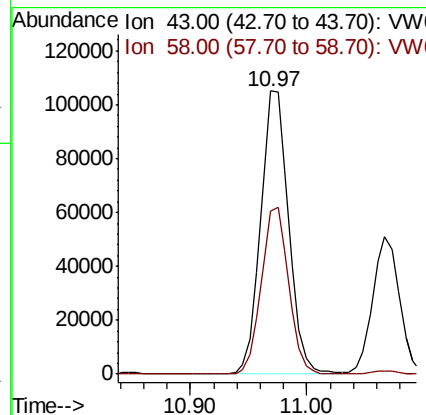
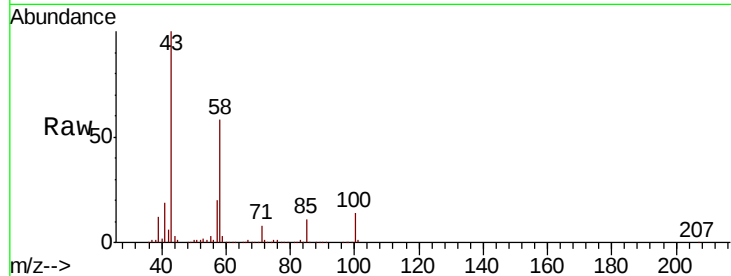




#59
2-Hexanone
Concen: 261.568 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

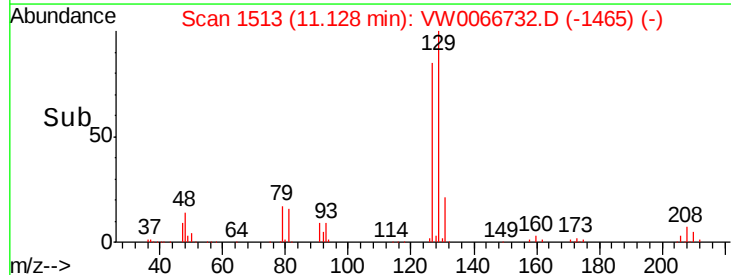
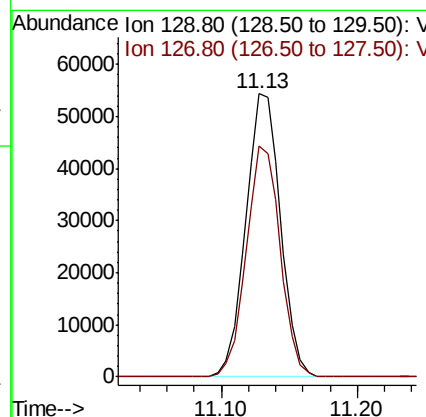
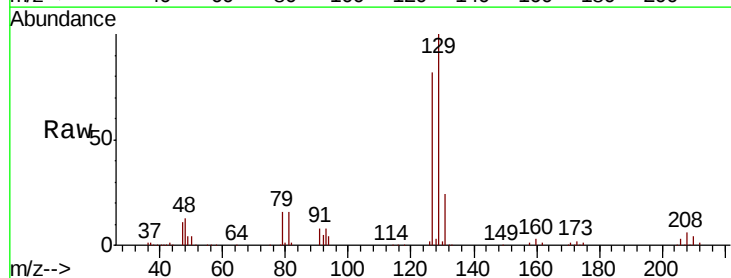
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 176588
Ion Ratio Lower Upper
43 100
58 57.8 28.8 86.4



#60
Dibromochloromethane
Concen: 53.212 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 129 Resp: 97281
Ion Ratio Lower Upper
129 100
127 79.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.567 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

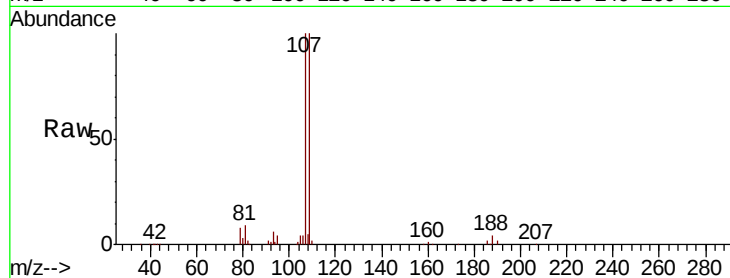
ClientSampleId :

Tot Ion:107 Resp: 77484

Ion Ratio Lower Upper

107 100

109 98.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

50000

40000

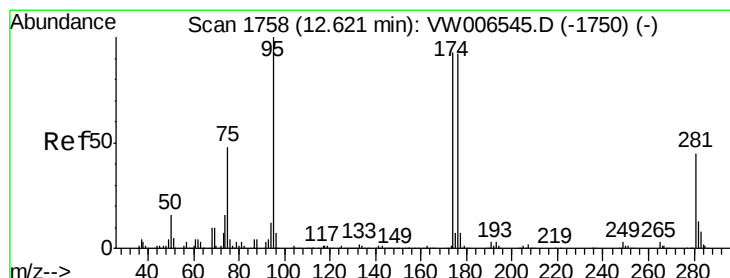
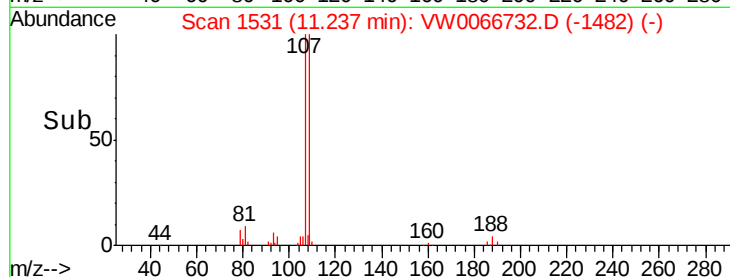
30000

20000

10000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 50.153 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

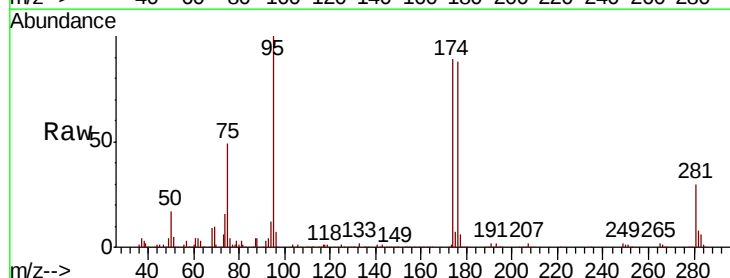
Tgt Ion: 95 Resp: 138250

Ion Ratio Lower Upper

95 100

174 95.3 0.0 192.4

176 91.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

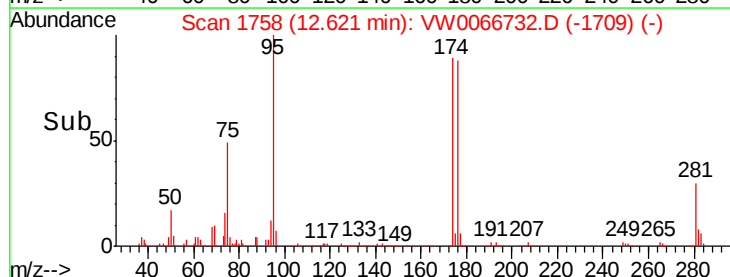
60000

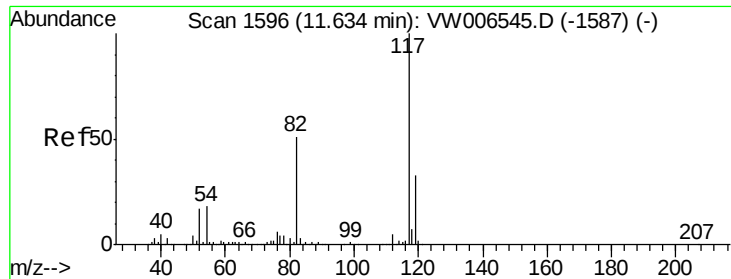
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

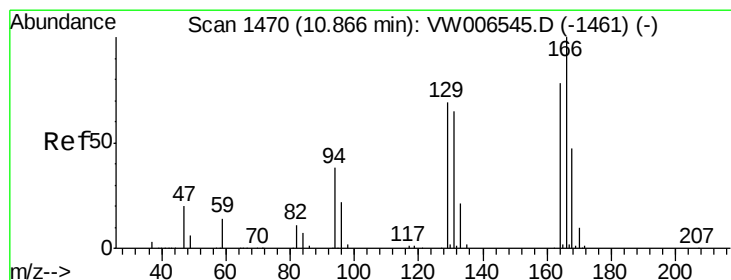
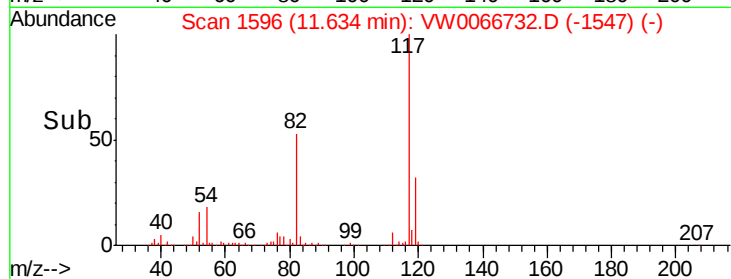
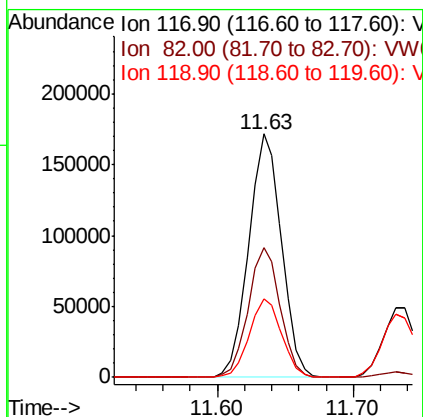
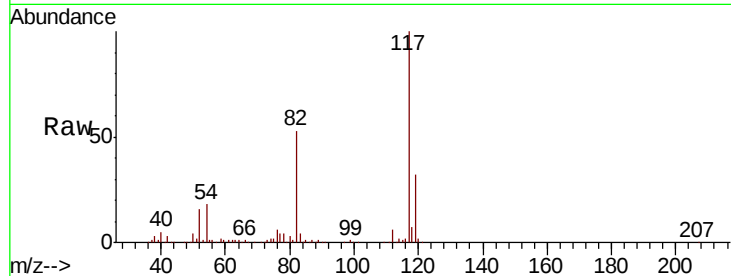




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

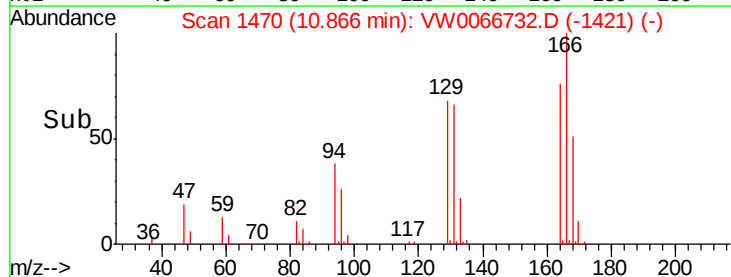
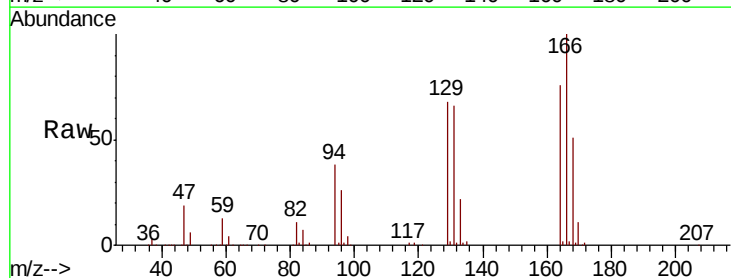
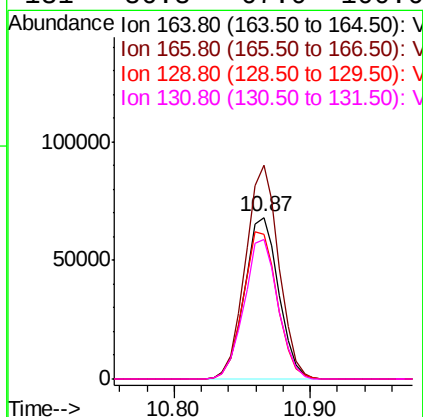
Instrument :
MSVOA_W
ClientSampled :

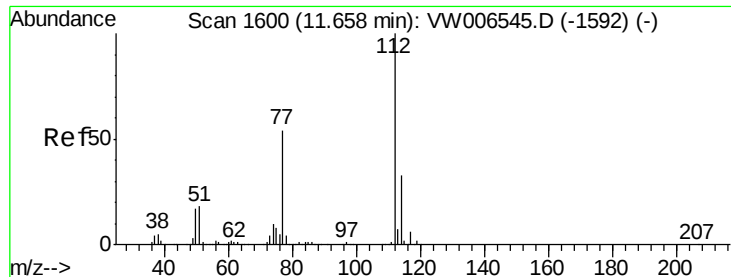
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.8	61.2
119	32.1	26.1	39.1



#64
Tetrachloroethene
Concen: 51.856 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	102.8	154.2
129	89.7	70.9	106.3
131	86.8	67.0	100.6

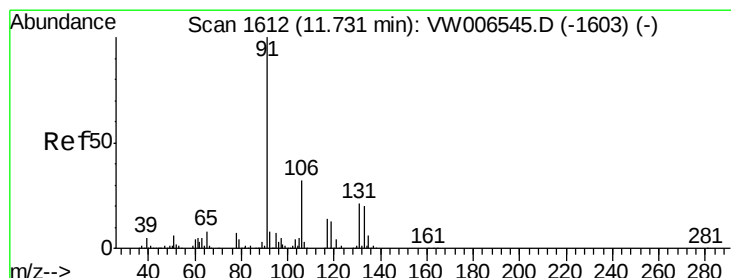
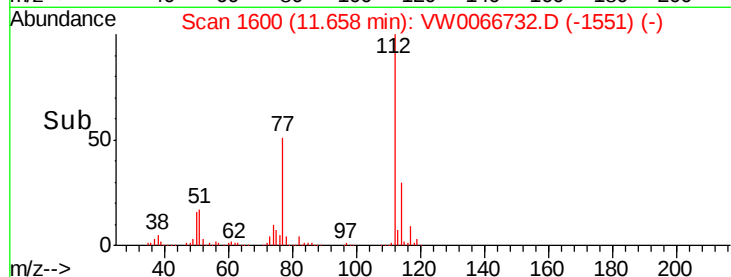
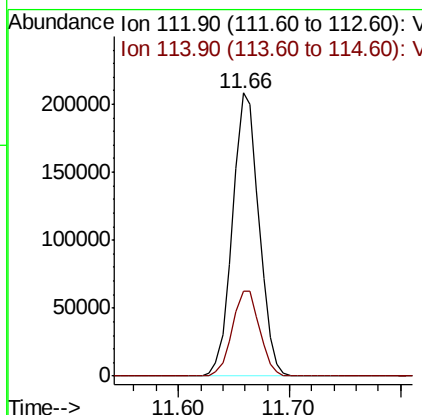
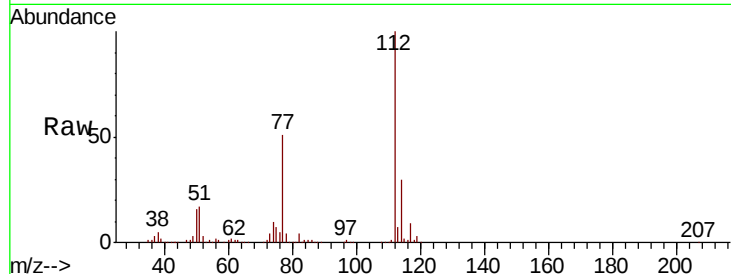




#65
Chlorobenzene
Concen: 56.284 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

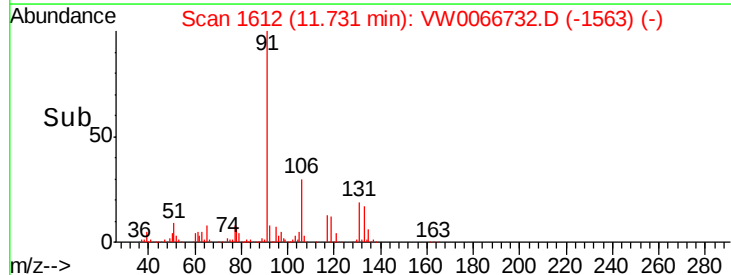
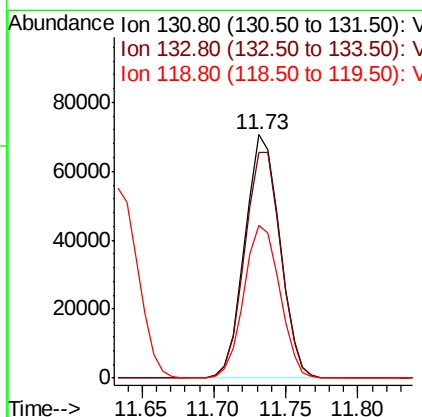
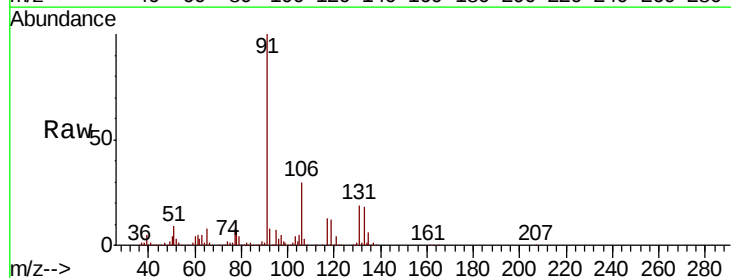
Instrument :
MSVOA_W
ClientSampled :

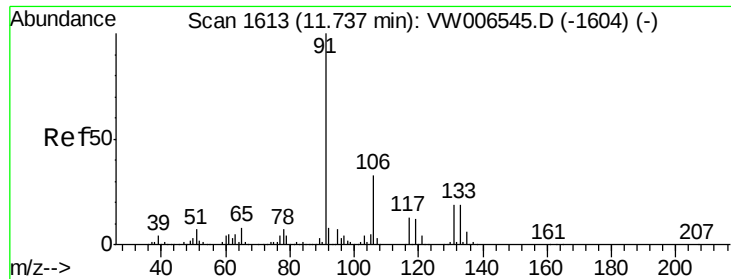
Tot Ion:112 Resp: 342478
Ion Ratio Lower Upper
112 100
114 30.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.515 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion:131 Resp: 118729
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 64.6 31.9 95.5

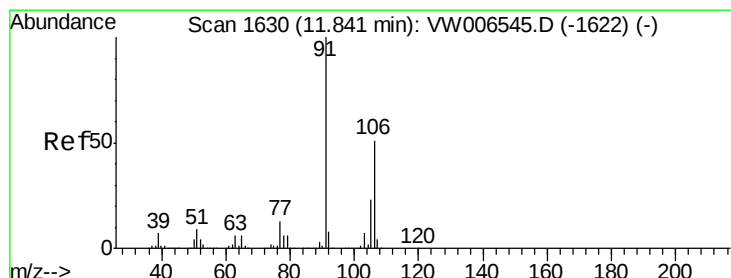
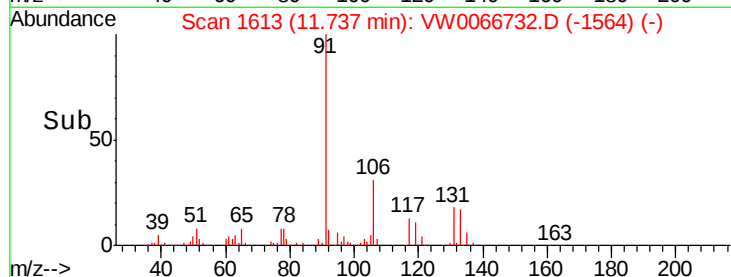
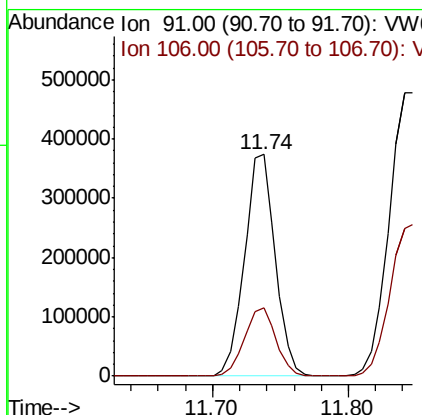
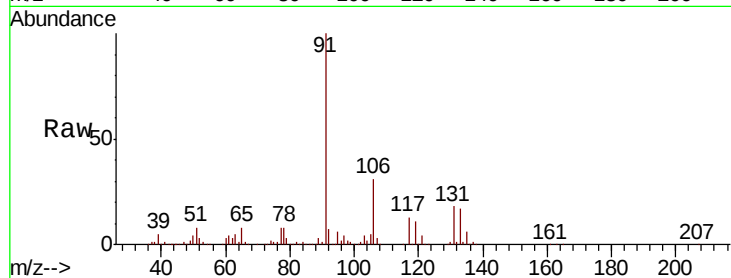




#67
Ethyl Benzene
Concen: 58.231 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

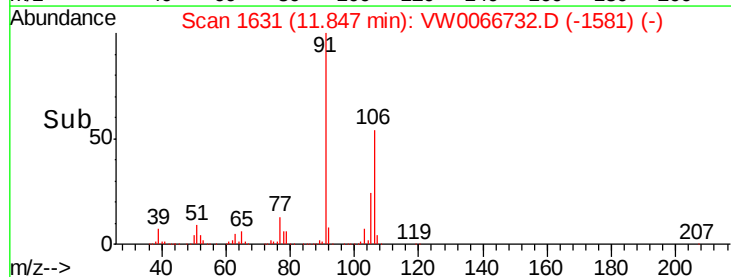
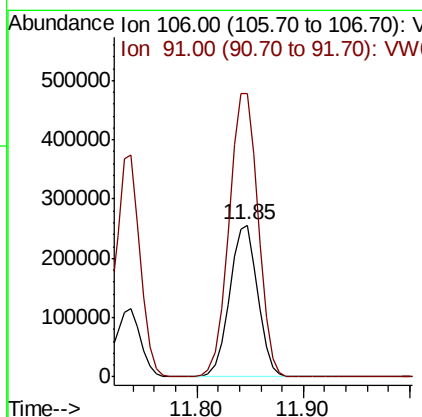
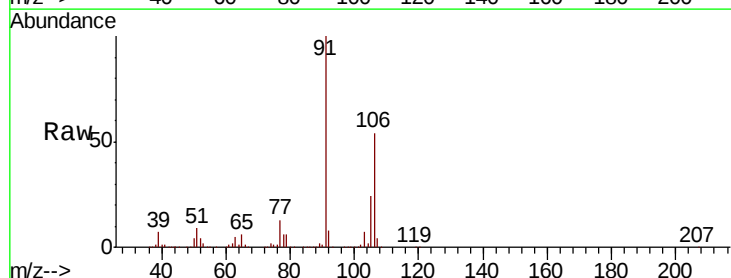
Instrument :
MSVOA_W
ClientSampleId :

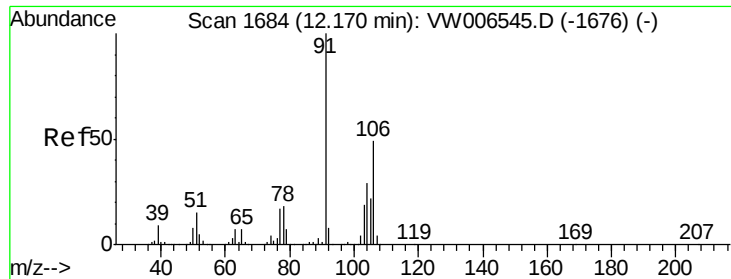
Tot Ion: 91 Resp: 592233
Ion Ratio Lower Upper
91 100
106 30.6 26.3 39.5



#68
m/p-Xylenes
Concen: 116.081 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 106 Resp: 471674
Ion Ratio Lower Upper
106 100
91 193.9 156.7 235.1

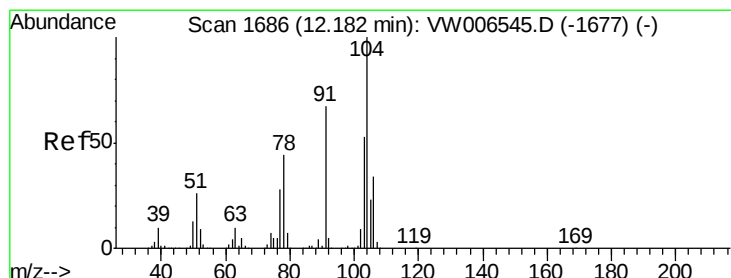
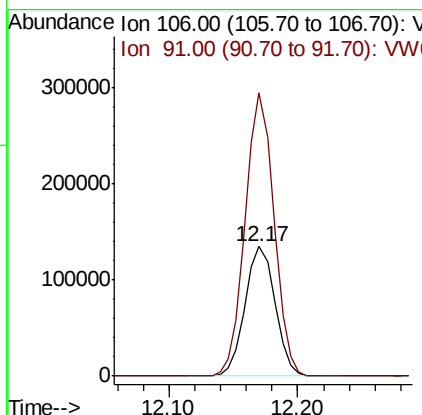
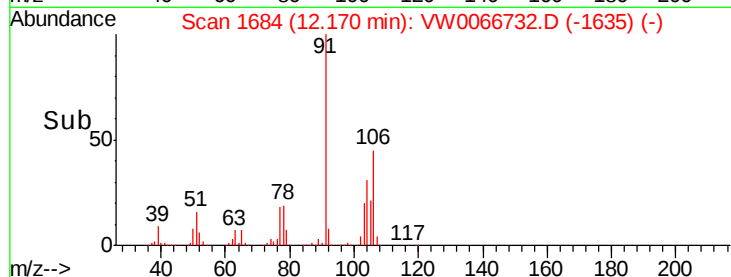
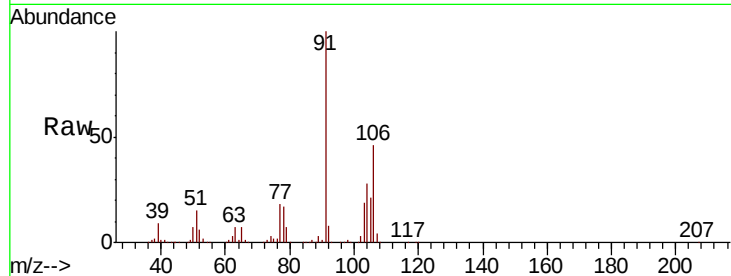




#69
o-Xylene
Concen: 55.973 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

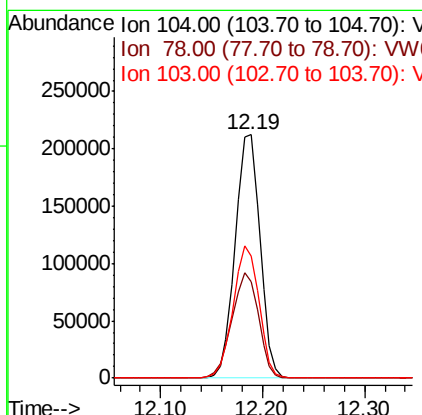
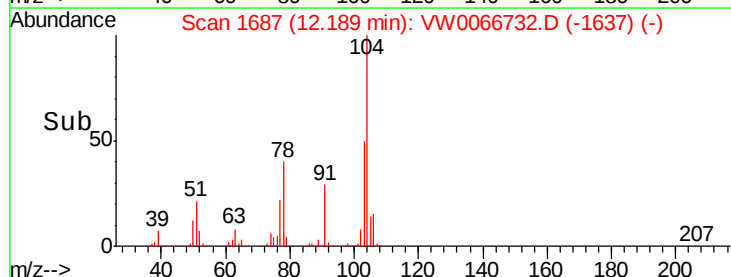
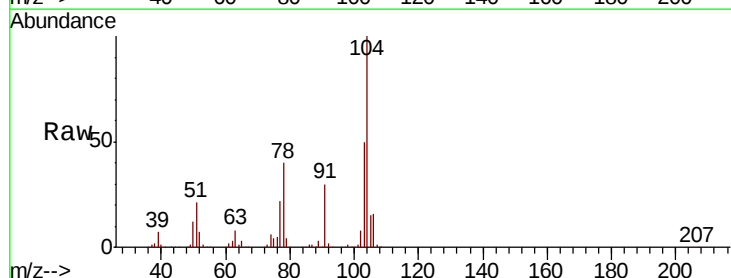
Instrument :
MSVOA_W
ClientSampled :

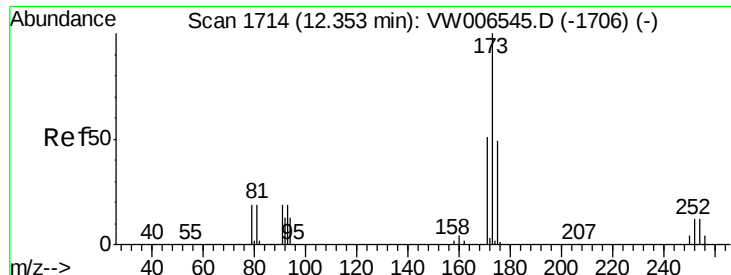
Tot Ion:106 Resp: 216524
Ion Ratio Lower Upper
106 100
91 210.4 102.8 308.4



#70
Styrene
Concen: 56.716 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion:104 Resp: 357695
Ion Ratio Lower Upper
104 100
78 46.4 37.2 55.8
103 56.2 44.2 66.2





#71

Bromoform

Concen: 54.203 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

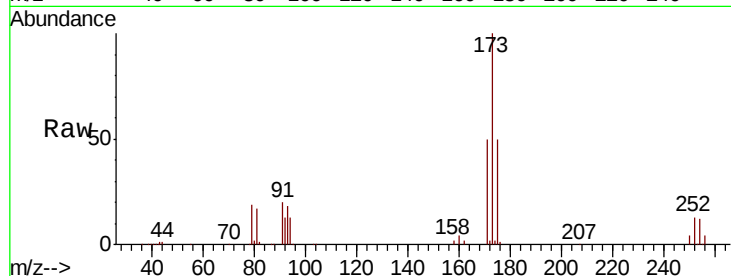
Tot Ion:173 Resp: 61450

Ion Ratio Lower Upper

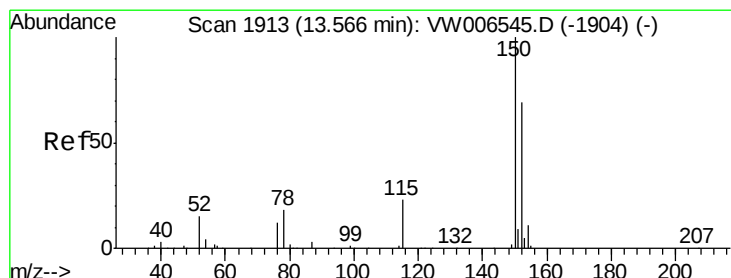
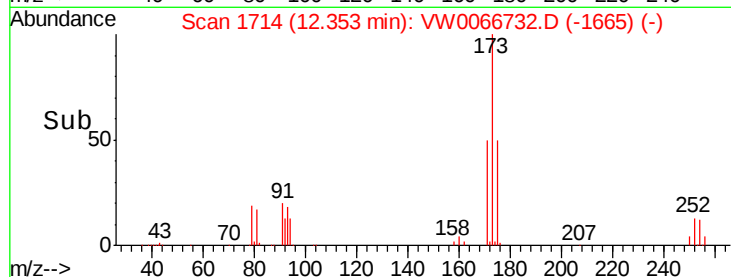
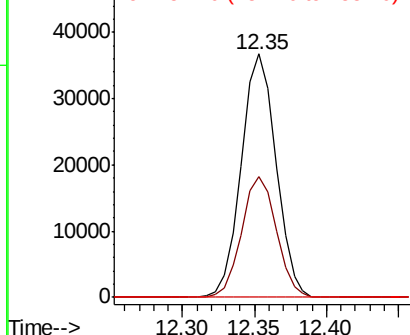
173 100

175 49.4 24.1 72.4

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

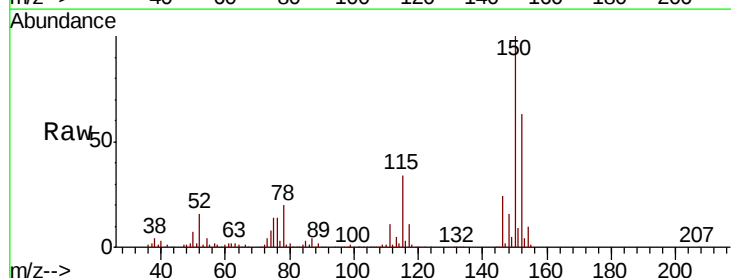
Tgt Ion:152 Resp: 168657

Ion Ratio Lower Upper

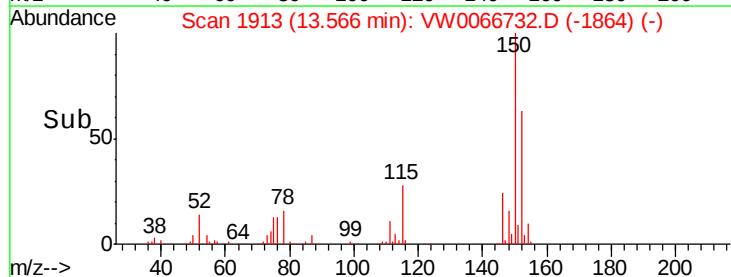
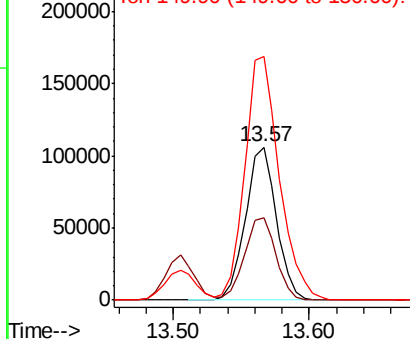
152 100

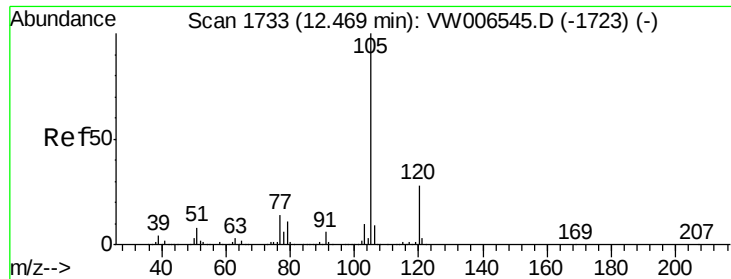
115 54.3 26.6 79.8

150 177.6 0.0 344.6



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





#73

Isopropylbenzene

Concen: 56.145 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

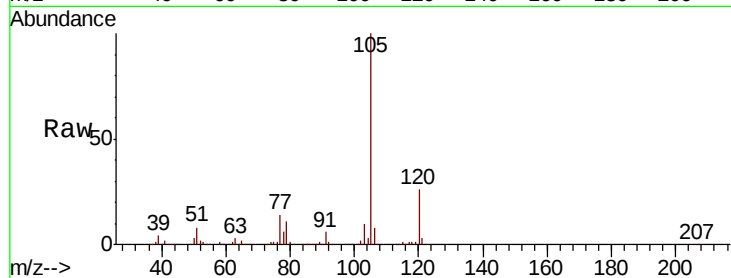
ClientSampleId :

Tot Ion:105 Resp: 623791

Ion Ratio Lower Upper

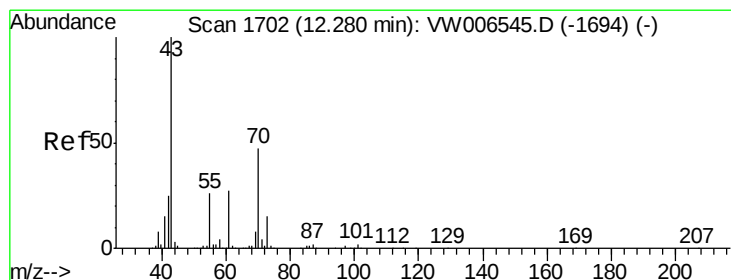
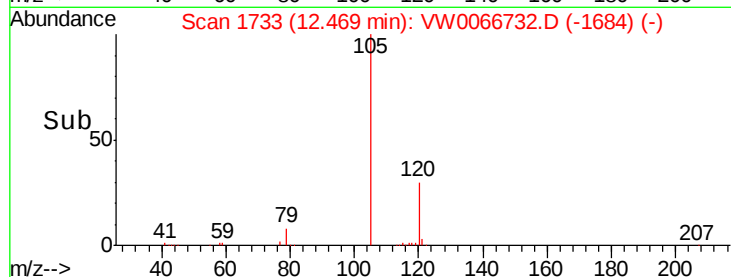
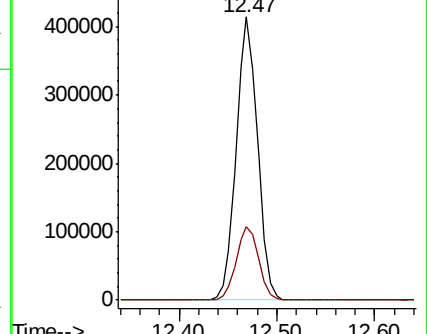
105 100

120 26.9 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.160 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Tgt Ion: 43 Resp: 94381

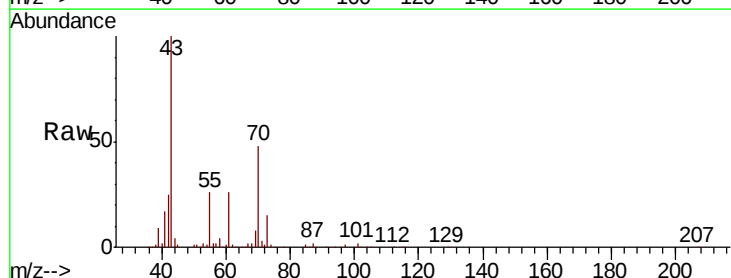
Ion Ratio Lower Upper

43 100

70 48.0 36.9 55.3

55 27.4 20.7 31.1

61 26.2 20.7 31.1

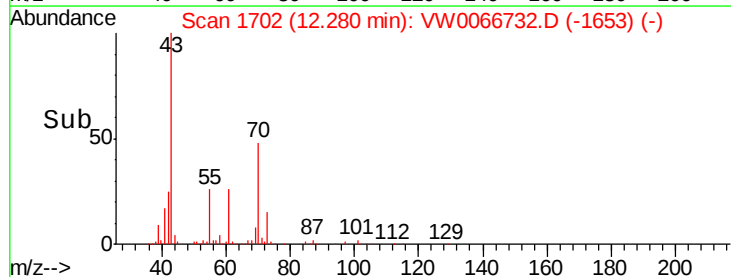
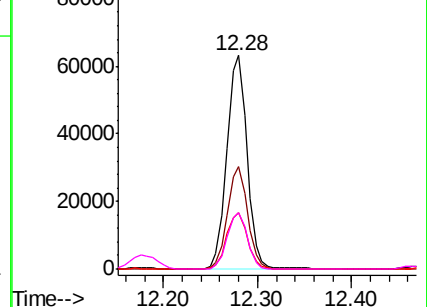


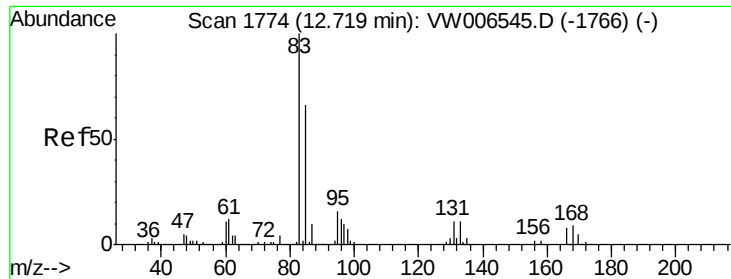
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 51.394 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

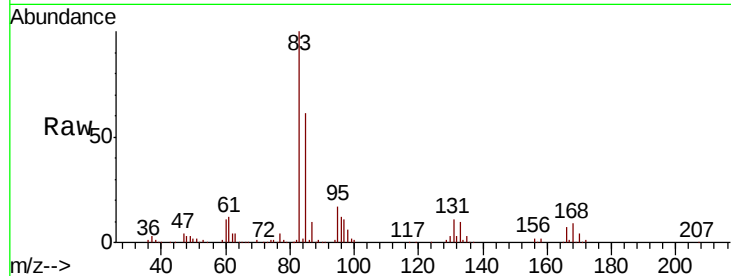
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 83 Resp: 90185

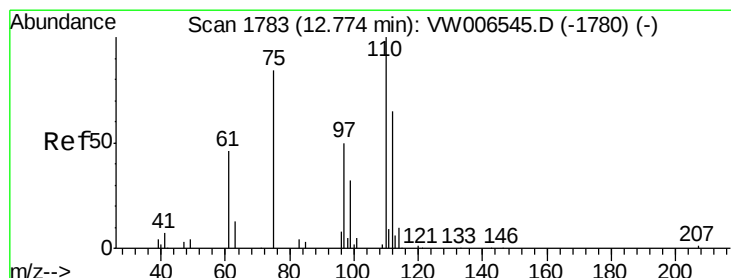
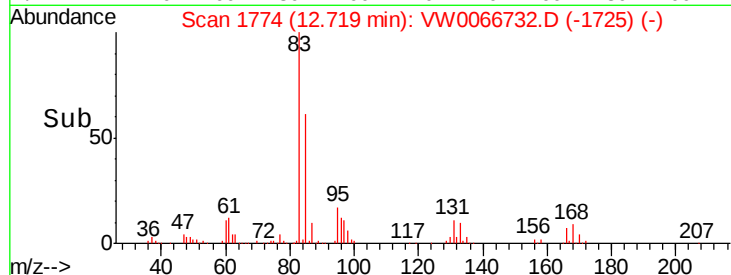
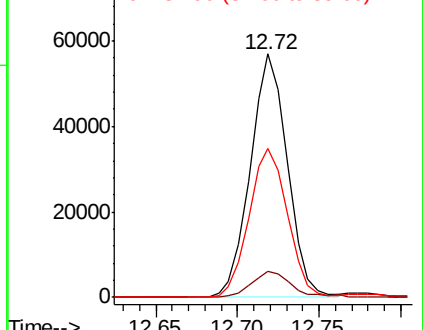
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.9	17.7
85	63.5	32.3	96.8



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: 86.089 ug/l

RT: 12.77 min Scan# 1783

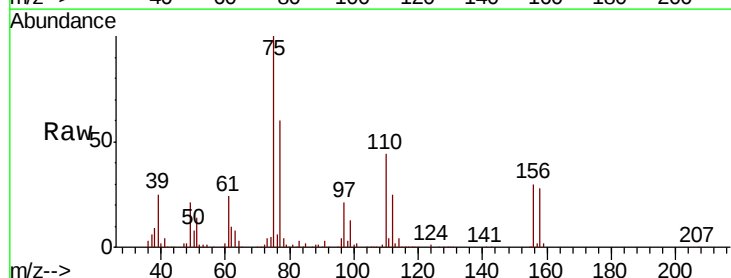
Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

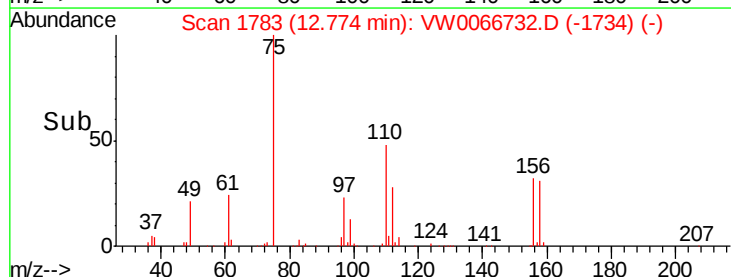
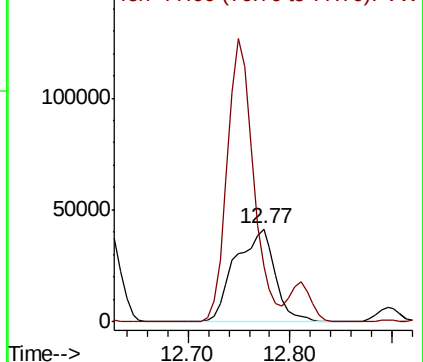
Tgt Ion: 75 Resp: 113285

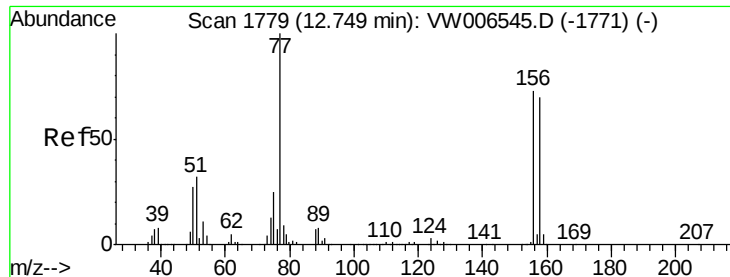
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.694 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

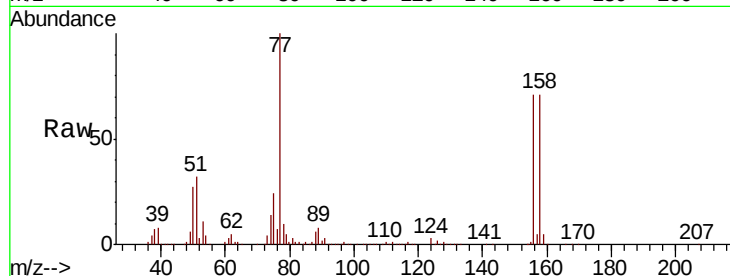
Tot Ion:156 Resp: 151580

Ion Ratio Lower Upper

156 100

77 149.8 75.9 227.8

158 98.8 48.6 145.9



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

150000

100000

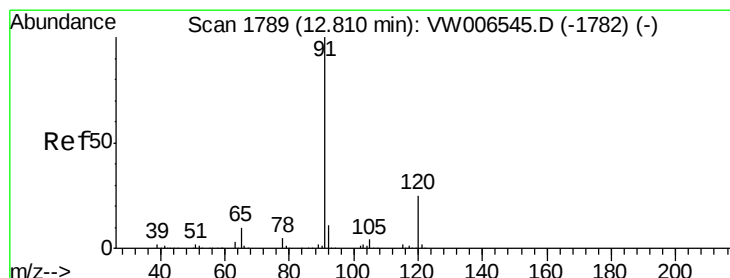
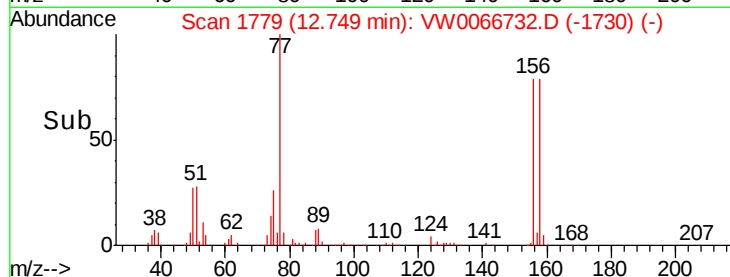
50000

0

12.75

12.80

Time-->



#78

n-propylbenzene

Concen: 57.617 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW0066732.D

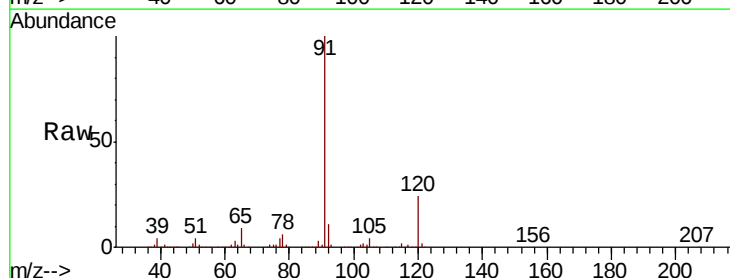
Acq: 07 Nov 2018 13:12

Tgt Ion: 91 Resp: 736299

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

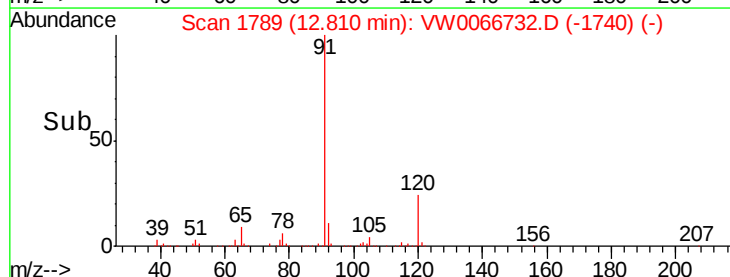
100000

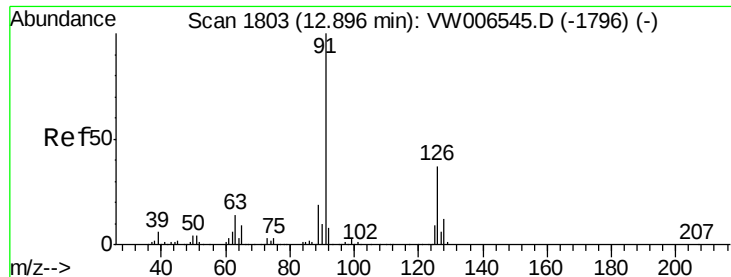
0

12.81

12.85

Time-->





#79

2-Chlorotoluene

Concen: 54.506 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

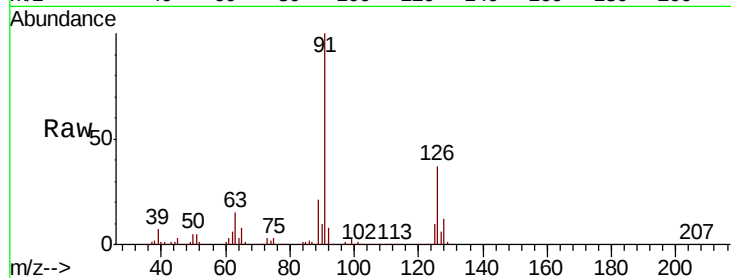
ClientSampled :

Tot Ion: 91 Resp: 399752

Ion Ratio Lower Upper

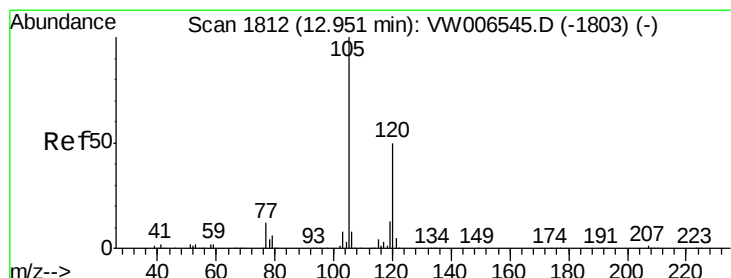
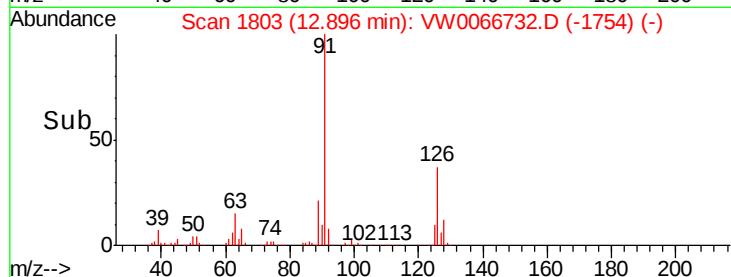
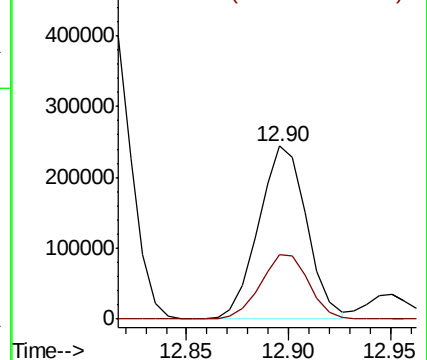
91 100

126 37.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.937 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW0066732.D

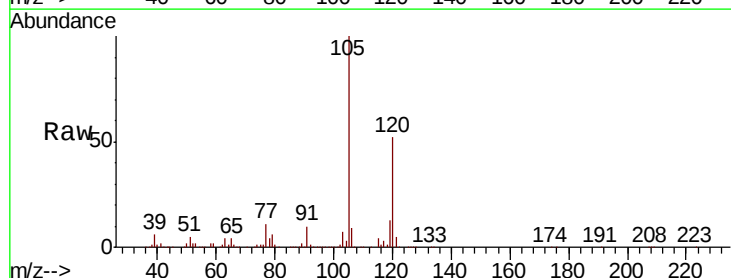
Acq: 07 Nov 2018 13:12

Tgt Ion: 105 Resp: 522113

Ion Ratio Lower Upper

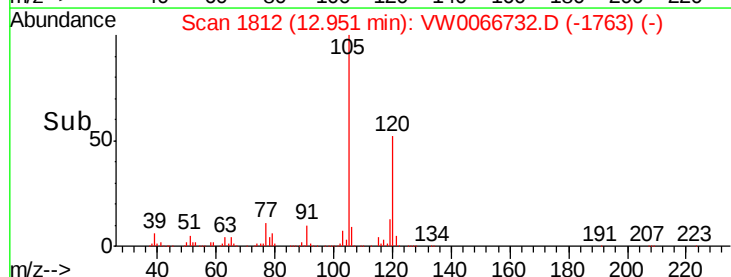
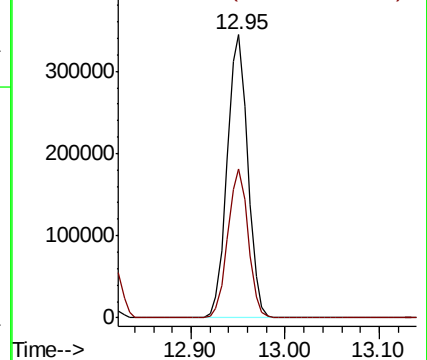
105 100

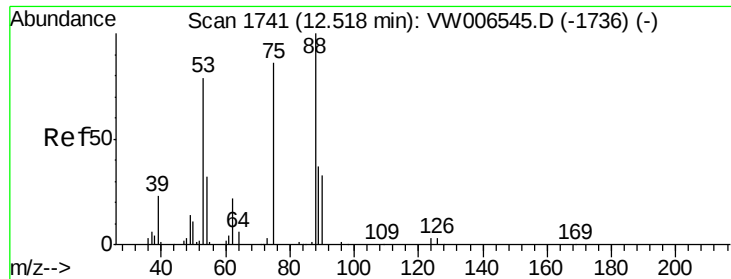
120 51.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

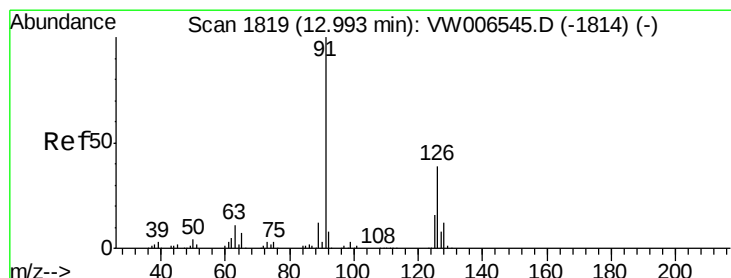
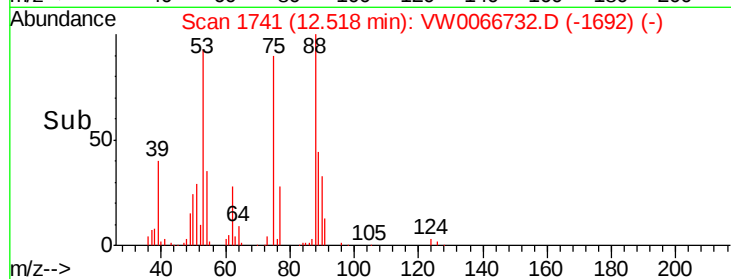
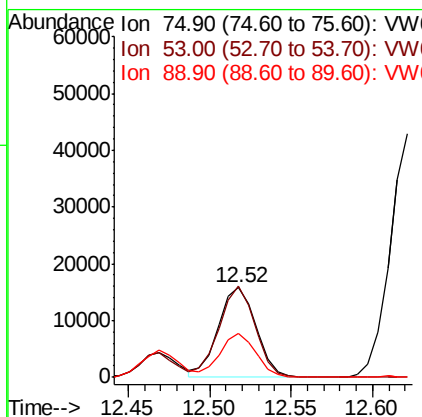
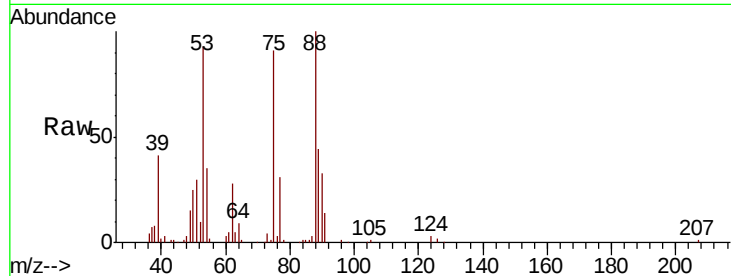




#81
trans-1,4-Dichloro-2-butene
Concen: 49.997 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

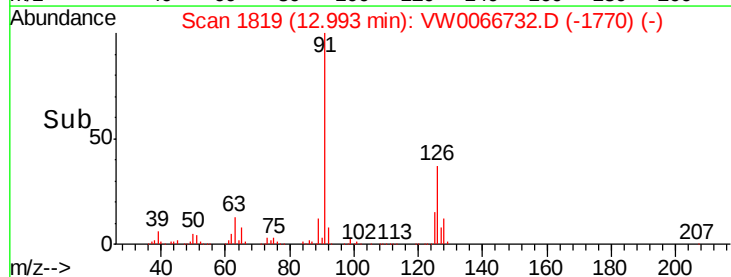
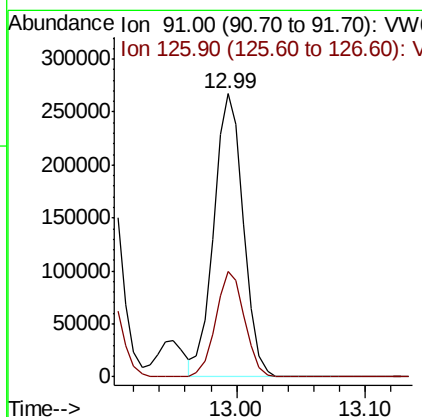
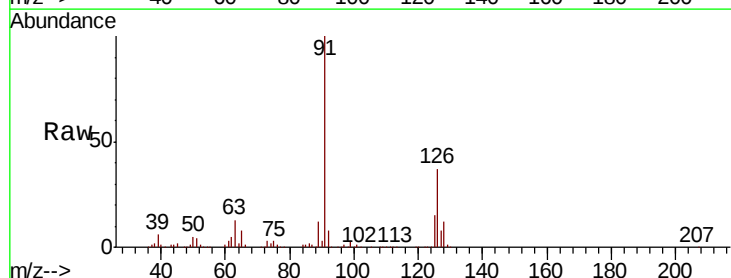
Instrument :
MSVOA_W
ClientSampleId :

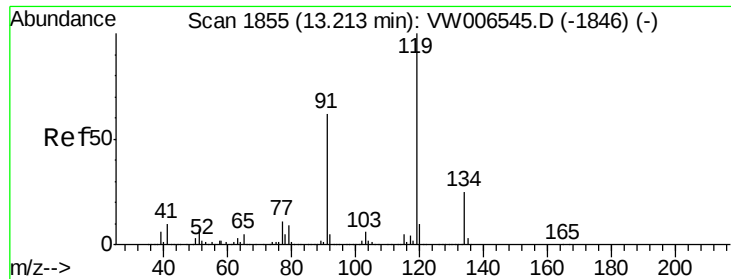
Tot Ion: 75 Resp: 25405
Ion Ratio Lower Upper
75 100
53 98.1 77.2 115.8
89 46.0 38.6 58.0



#82
4-Chlorotoluene
Concen: 55.332 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion: 91 Resp: 429328
Ion Ratio Lower Upper
91 100
126 36.7 18.5 55.5

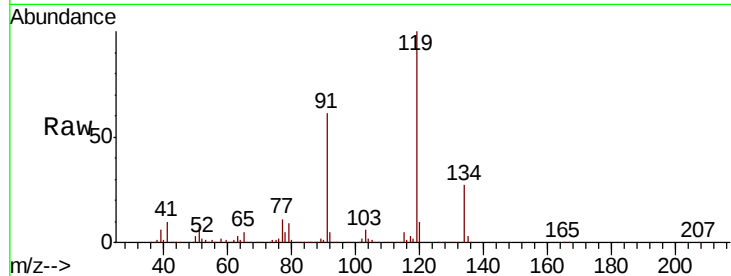




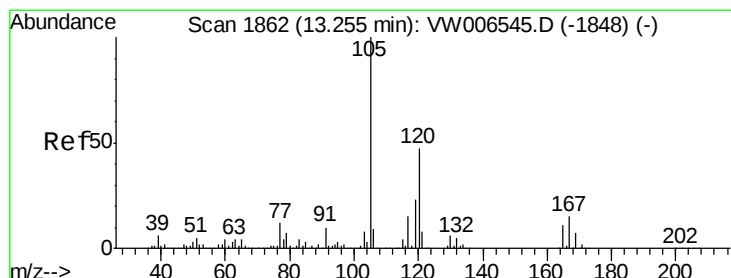
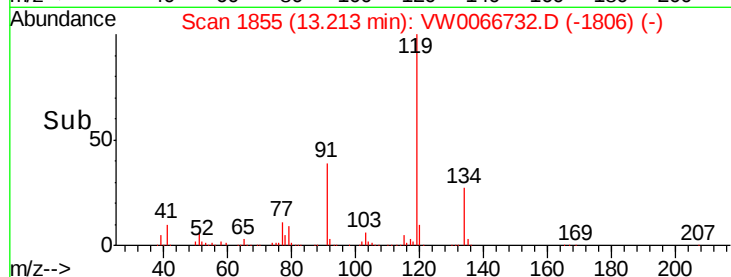
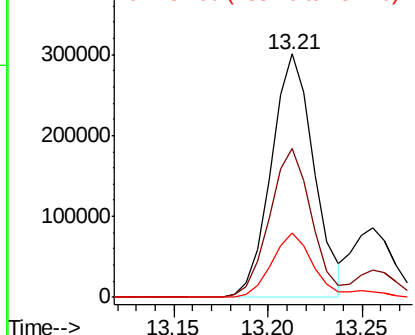
#83
tert-Butylbenzene
Concen: 56.796 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 472764
Ion Ratio Lower Upper
119 100
91 59.8 30.4 91.3
134 25.4 13.5 40.4

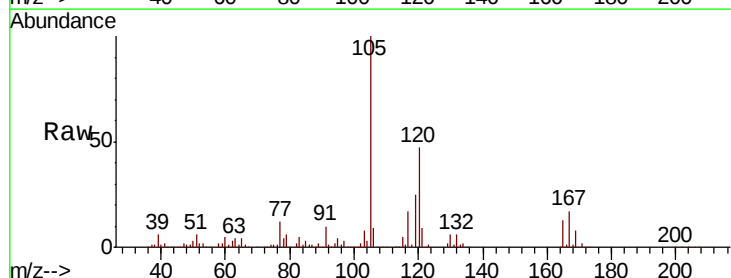


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

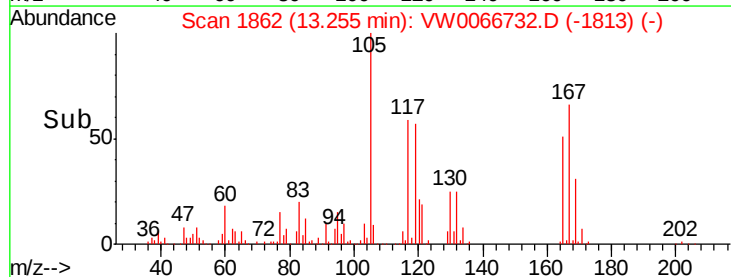
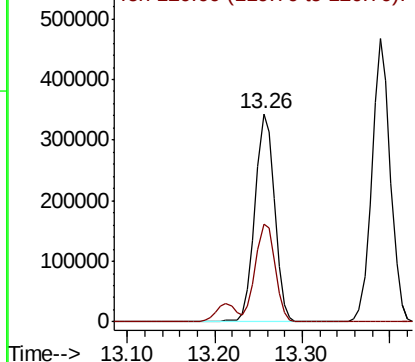


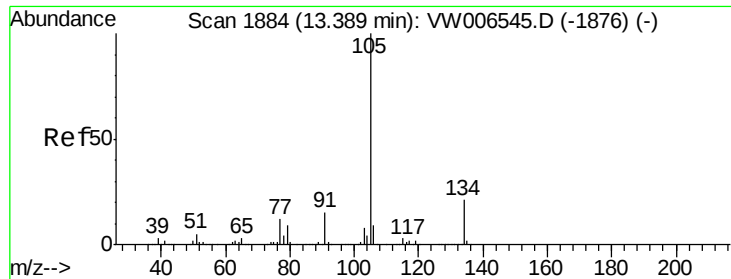
#84
1,2,4-Trimethylbenzene
Concen: 55.676 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion:105 Resp: 533046
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.6



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





#85

sec-Butylbenzene

Concen: 58.899 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

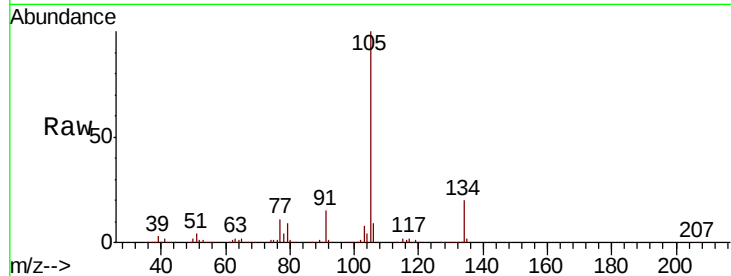
ClientSampled :

Tot Ion:105 Resp: 686653

Ion Ratio Lower Upper

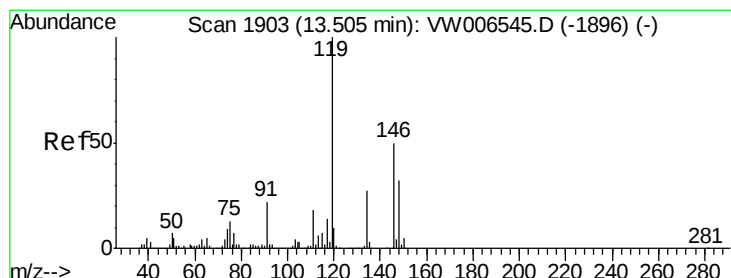
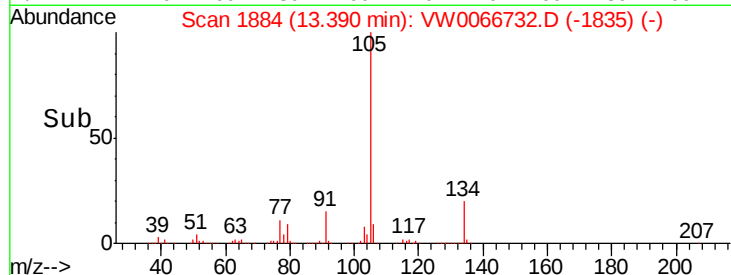
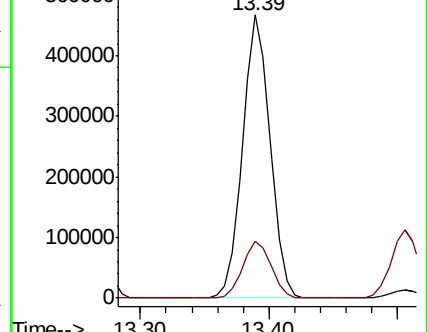
105 100

134 20.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.098 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

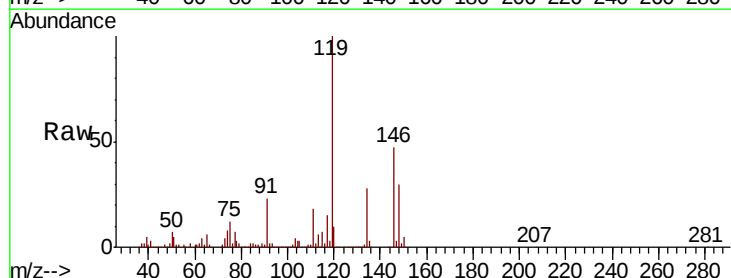
Tgt Ion:119 Resp: 616297

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

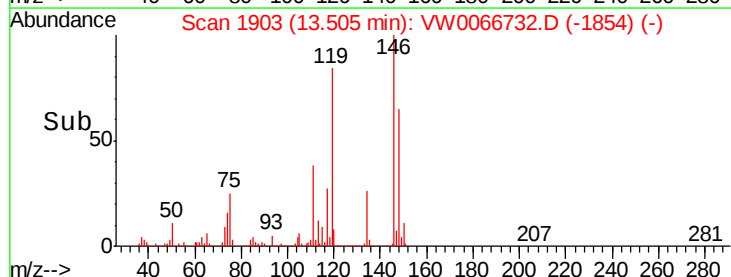
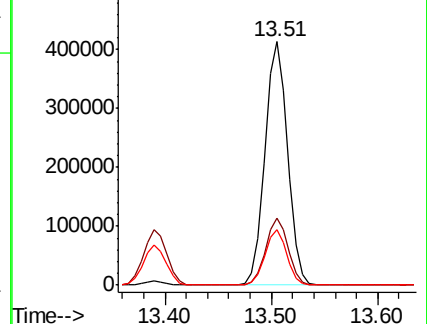
91 22.1 10.9 32.6

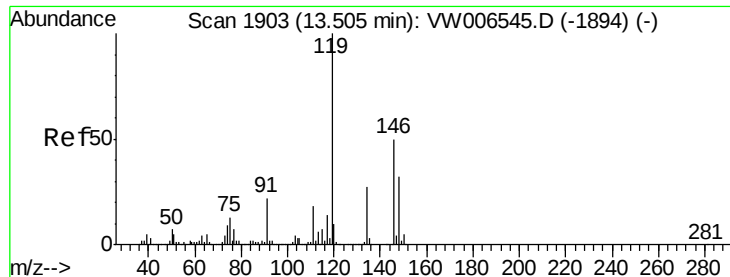


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

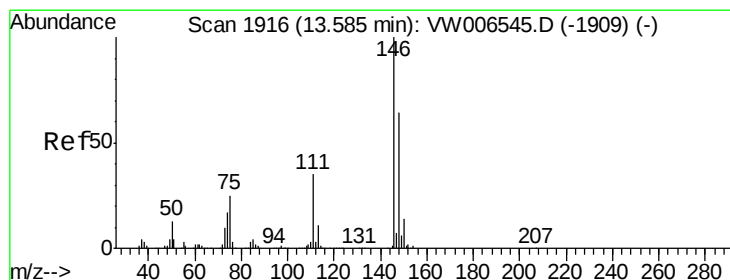
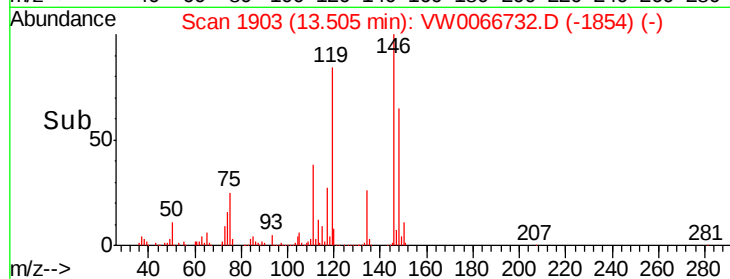
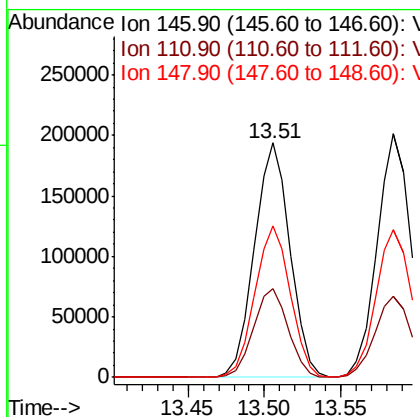
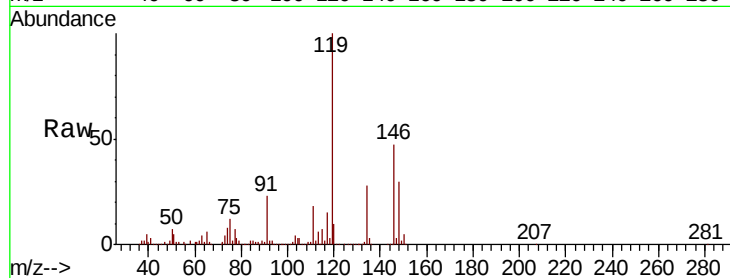




#87
 1,3-Dichlorobenzene
 Concen: 55.214 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

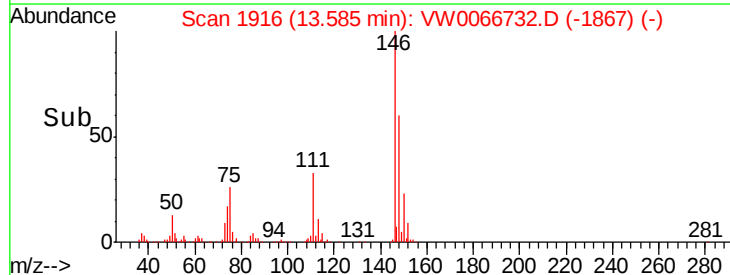
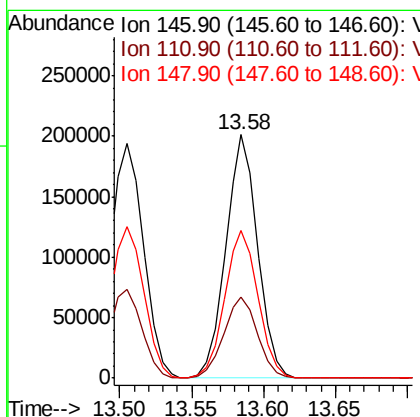
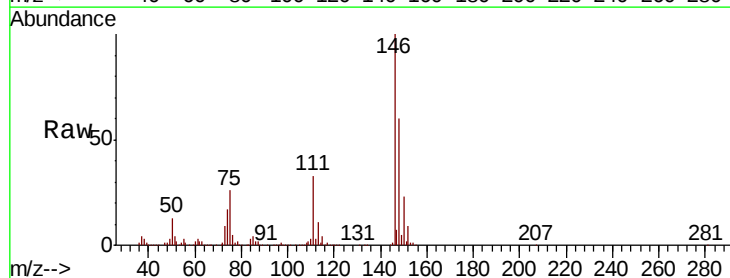
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:146 Resp: 312792
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.6
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 55.228 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion:146 Resp: 310134
 Ion Ratio Lower Upper
 146 100
 111 35.4 17.9 53.7
 148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 59.774 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampled :

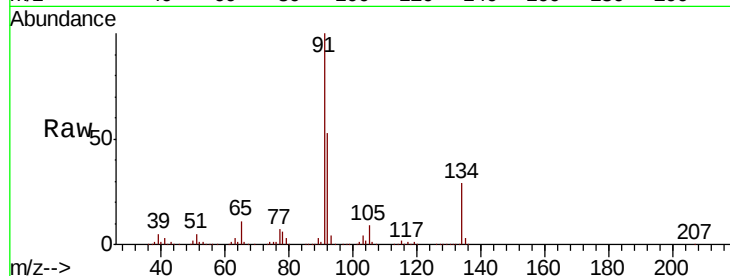
Tot Ion: 91 Resp: 562860

Ion Ratio Lower Upper

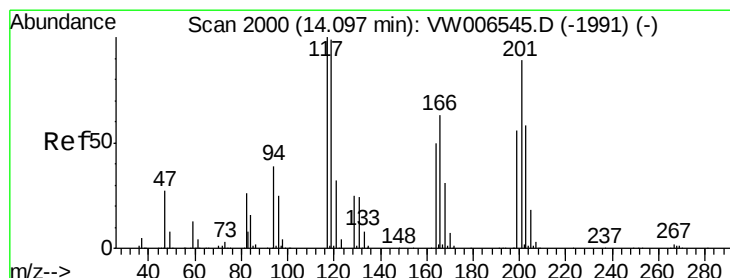
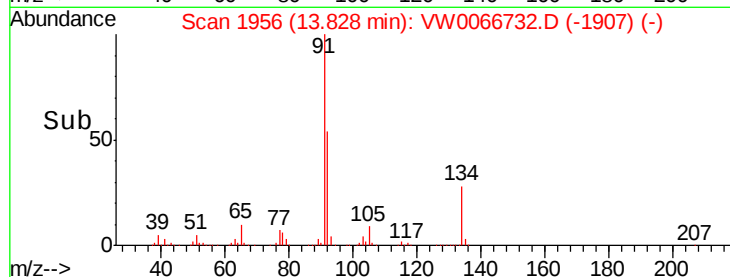
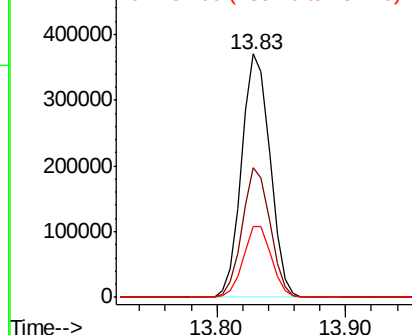
91 100

92 52.2 26.4 79.0

134 28.7 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 58.469 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW0066732.D

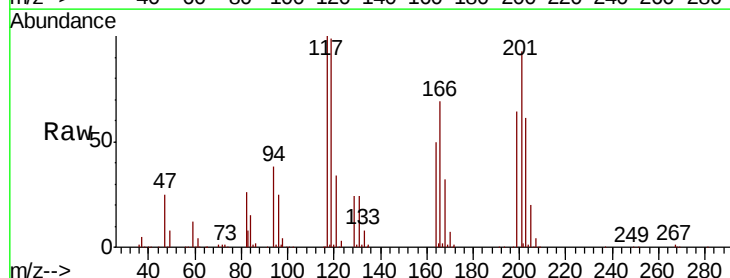
Acq: 07 Nov 2018 13:12

Tgt Ion: 117 Resp: 101938

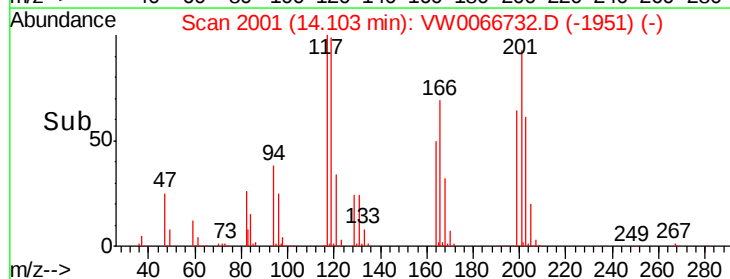
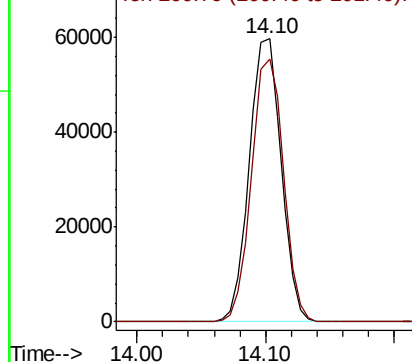
Ion Ratio Lower Upper

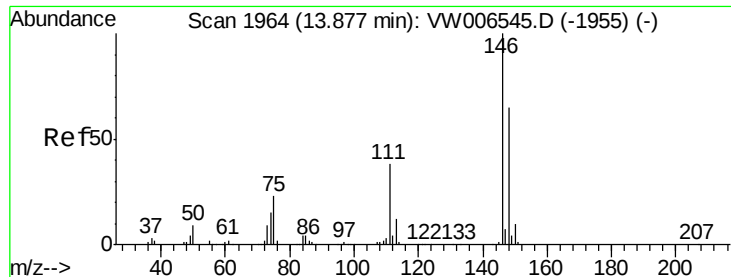
117 100

201 93.0 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 54.104 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

Instrument :

MSVOA_W

ClientSampleId :

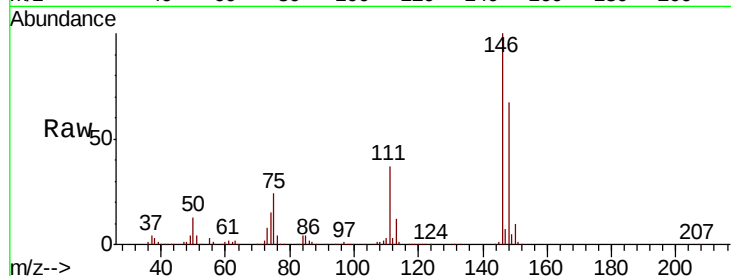
Tot Ion:146 Resp: 275706

Ion Ratio Lower Upper

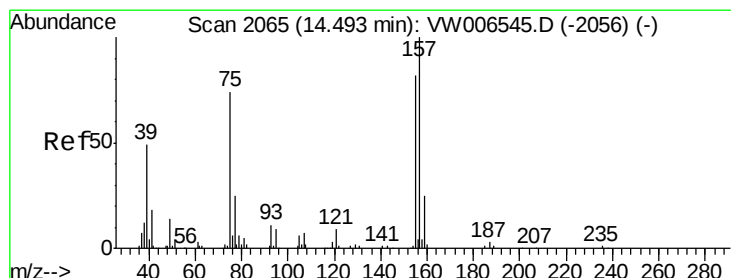
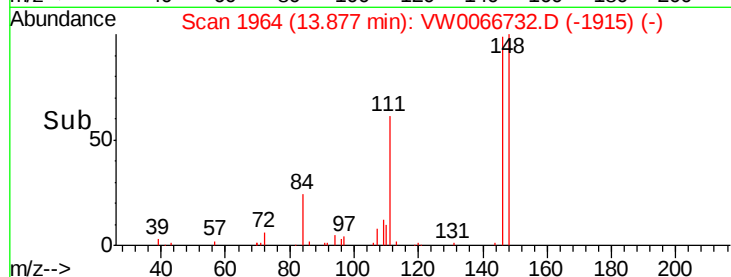
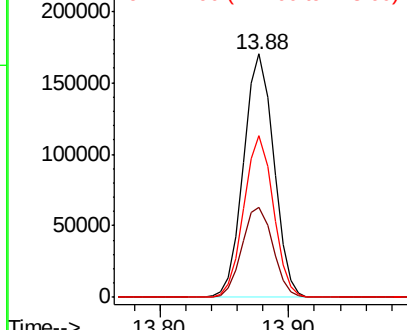
146 100

111 37.8 19.1 57.5

148 64.9 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.198 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW0066732.D

Acq: 07 Nov 2018 13:12

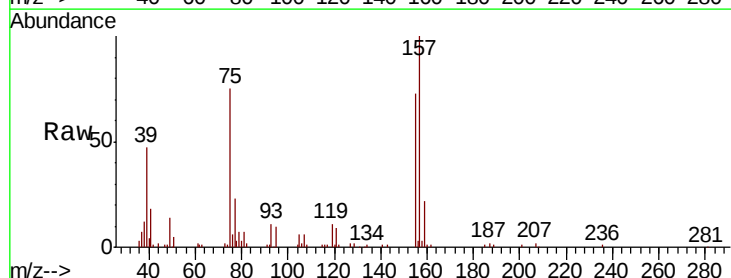
Tgt Ion: 75 Resp: 13439

Ion Ratio Lower Upper

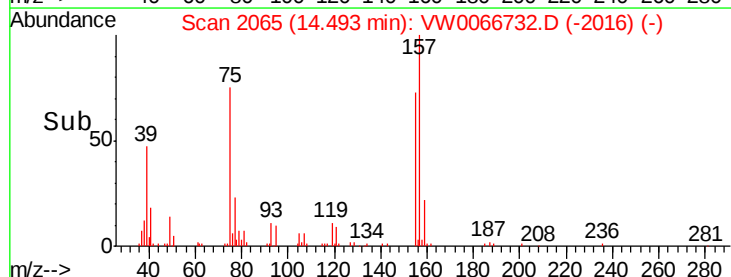
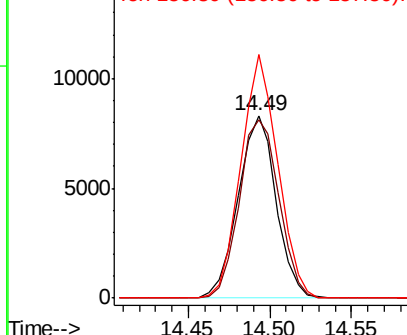
75 100

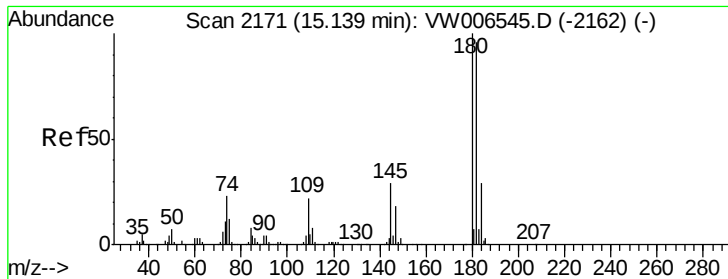
155 101.8 50.6 151.8

157 130.0 65.0 195.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

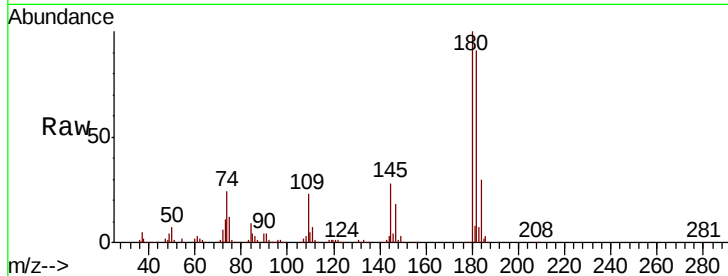




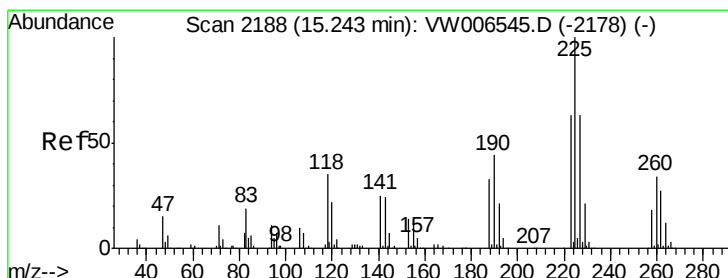
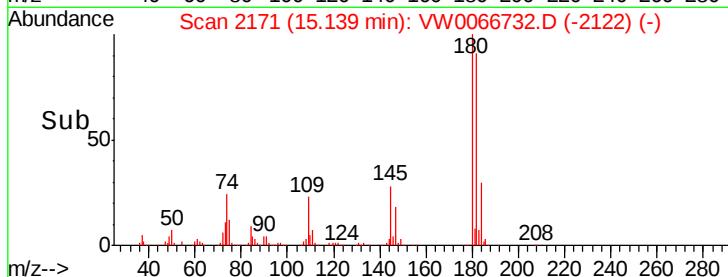
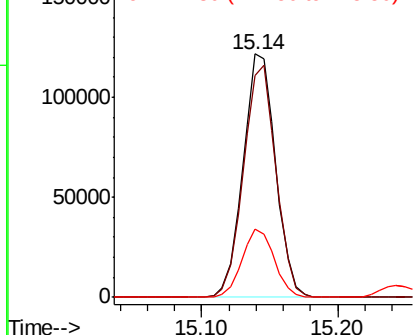
#93
 1,2,4-Trichlorobenzene
 Concen: 53.580 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 203021
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.6
 145 27.8 14.0 42.0

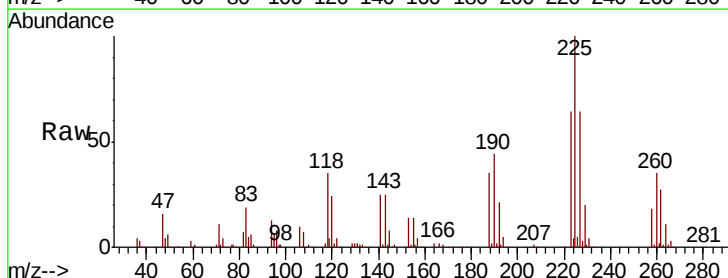


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

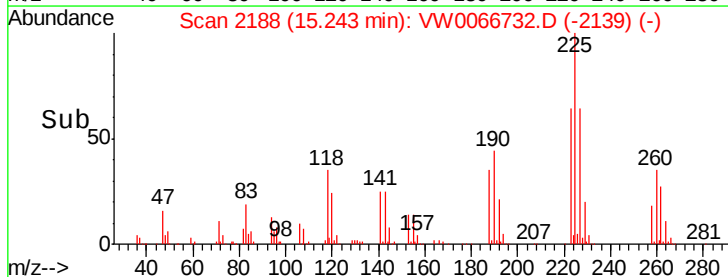
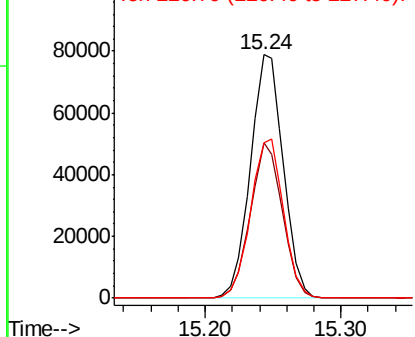


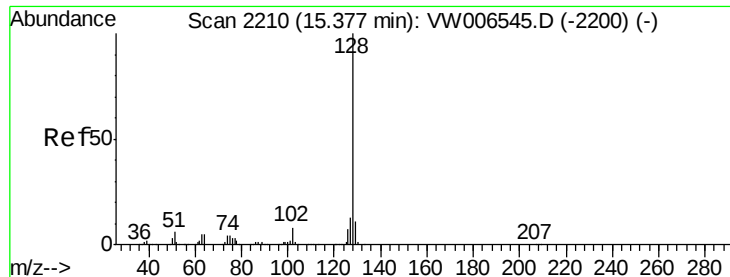
#94
 Hexachlorobutadiene
 Concen: 56.530 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW0066732.D
 Acq: 07 Nov 2018 13:12

Tgt Ion:225 Resp: 133499
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.2
 227 65.3 32.2 96.6



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

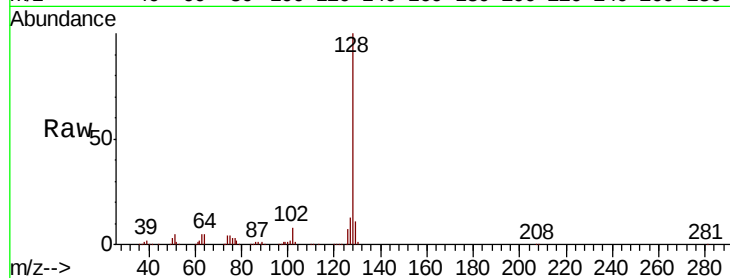




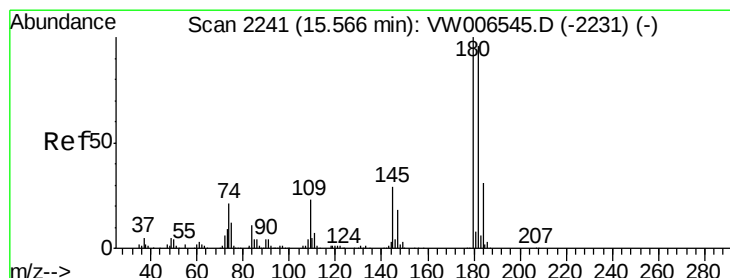
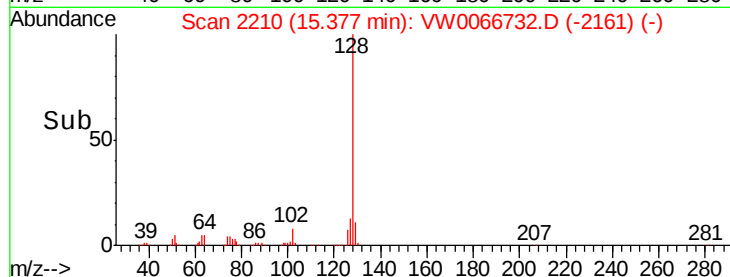
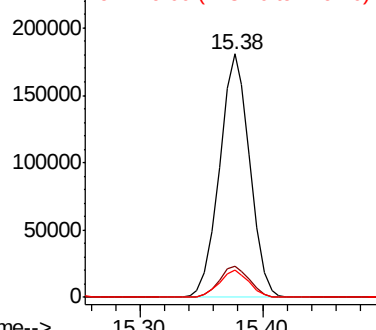
#95
Naphthalene
Concen: 50.863 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 309753
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

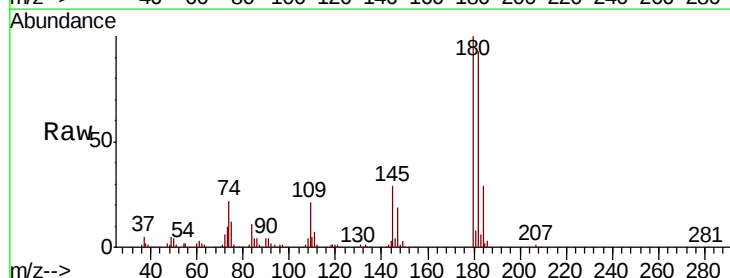


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.110 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW0066732.D
Acq: 07 Nov 2018 13:12

Tgt Ion:180 Resp: 176865
Ion Ratio Lower Upper
180 100
182 95.4 48.2 144.6
145 29.2 14.9 44.5



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

