

Data File : VW005103.D
Acq On : 05 Sep 2018 03:01
Operator : SY/AP
Sample : VW0904SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Quant Time: Sep 05 05:17:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	465064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	669271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	664512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	364095	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	190051	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.89	113	191494	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.33	98	881858	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.62	95	317413	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	82858	22.109	ug/l	96
3) Chloromethane	2.21	50	110581	20.333	ug/l	98
4) Vinyl Chloride	2.36	62	110593	20.912	ug/l	98
5) Bromomethane	2.76	94	81746	22.720	ug/l	100
6) Chloroethane	2.92	64	68200	20.718	ug/l	99
7) Trichlorofluoromethane	3.26	101	126243	21.221	ug/l	95
8) Diethyl Ether	3.69	74	44512	20.680	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86492	21.166	ug/l	100
10) Methyl Iodide	4.28	142	89012	17.282	ug/l	100
11) Tert butyl alcohol	5.17	59	31019	139.138	ug/l	95
12) 1,1-Dichloroethene	4.04	96	79108	21.036	ug/l	98
13) Acrolein	3.90	56	24653	98.522	ug/l	97
14) Allyl chloride	4.68	41	114927	19.550	ug/l	99
15) Acrylonitrile	5.37	53	98527	108.521	ug/l	99
16) Acetone	4.13	43	84048	108.709	ug/l	95
17) Carbon Disulfide	4.38	76	277585	21.184	ug/l	100
18) Methyl Acetate	4.68	43	49864	21.924	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	200146	21.918	ug/l	98
20) Methylene Chloride	4.92	84	158369	28.661	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	96242	21.005	ug/l	98
22) Diisopropyl ether	6.32	45	255852	20.683	ug/l	99
23) Vinyl Acetate	6.26	43	685984	105.577	ug/l	100
24) 1,1-Dichloroethane	6.22	63	159487	20.627	ug/l	100
25) 2-Butanone	7.18	43	145785	108.713	ug/l	100
26) 2,2-Dichloropropane	7.17	77	118697	18.681	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	103198	20.590	ug/l	98
28) Bromochloromethane	7.52	49	62632	20.125	ug/l	98
29) Tetrahydrofuran	7.54	42	74394	108.572	ug/l	100
30) Chloroform	7.68	83	163937	20.774	ug/l	98
31) Cyclohexane	7.96	56	154488	20.403	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	144880	21.080	ug/l	100
36) 1,1-Dichloropropene	8.09	75	136567	21.425	ug/l	99
37) Ethyl Acetate	7.26	43	53786	22.563	ug/l	99
38) Carbon Tetrachloride	8.07	117	129545	21.374	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	155986	20.236	ug/l	99
40) Benzene	8.33	78	410418	21.033	ug/l	98
41) Methacrylonitrile	7.49	41	29681	21.490	ug/l	92
42) 1,2-Dichloroethane	8.41	62	101801	21.317	ug/l	100
43) Isopropyl Acetate	8.43	43	93447	21.543	ug/l	98
44) Trichloroethene	9.10	130	113838	21.622	ug/l	97
45) 1,2-Dichloropropane	9.37	63	102753	21.555	ug/l	99
46) Dibromomethane	9.46	93	49438	21.689	ug/l	98
47) Bromodichloromethane	9.65	83	124516	21.694	ug/l	99
48) Methyl methacrylate	9.44	41	44674	21.389	ug/l	97
49) 1,4-Dioxane	9.46	88	16164	438.497	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	321026	110.427	ug/l	99
52) Toluene	10.39	92	277710	21.004	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	120090	21.293	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	145591	21.227	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	78426	22.222	ug/l	98
56) Ethyl methacrylate	10.65	69	83927	20.844	ug/l	99
57) 1,3-Dichloropropane	10.94	76	127707	21.980	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	198596	104.091	ug/l	99
59) 2-Hexanone	10.98	43	212993	108.324	ug/l	99
60) Dibromochloromethane	11.13	129	88168	22.098	ug/l	98
61) 1,2-Dibromoethane	11.24	107	69670	21.865	ug/l	98
64) Tetrachloroethene	10.87	164	115749	22.200	ug/l	95
65) Chlorobenzene	11.66	112	308280	20.607	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	97579	21.345	ug/l	100
67) Ethyl Benzene	11.74	91	508263	20.097	ug/l	99
68) m/p-Xylenes	11.84	106	425121	41.983	ug/l	99
69) o-Xylene	12.17	106	193322	20.649	ug/l	98
70) Styrene	12.19	104	326293	21.099	ug/l	100
71) Bromoform	12.35	173	54825	22.628	ug/l #	100
73) Isopropylbenzene	12.47	105	514957	20.059	ug/l	100
74) N-amyl acetate	12.28	43	90222	20.410	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	84363	21.586	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	107939	39.495	ug/l #	100
77) Bromobenzene	12.76	156	130559	20.639	ug/l	99
78) n-propylbenzene	12.81	91	629685	20.318	ug/l	100
79) 2-Chlorotoluene	12.90	91	366805	20.287	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	456302	20.553	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	22978	20.236	ug/l	99
82) 4-Chlorotoluene	12.99	91	395441	20.711	ug/l	99
83) tert-Butylbenzene	13.21	119	370942	20.007	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	463324	20.492	ug/l	100
85) sec-Butylbenzene	13.39	105	555435	20.385	ug/l	100
86) p-Isopropyltoluene	13.51	119	490310	20.329	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	269765	20.761	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	266317	20.661	ug/l	99
89) n-Butylbenzene	13.83	91	444088	19.867	ug/l	99
90) Hexachloroethane	14.10	117	80681	20.138	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	240202	21.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12900	21.122	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090418\
Quantitation Report (Not Reviewed)

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QLast Update : Sat Sep 01 03:35:05 2018
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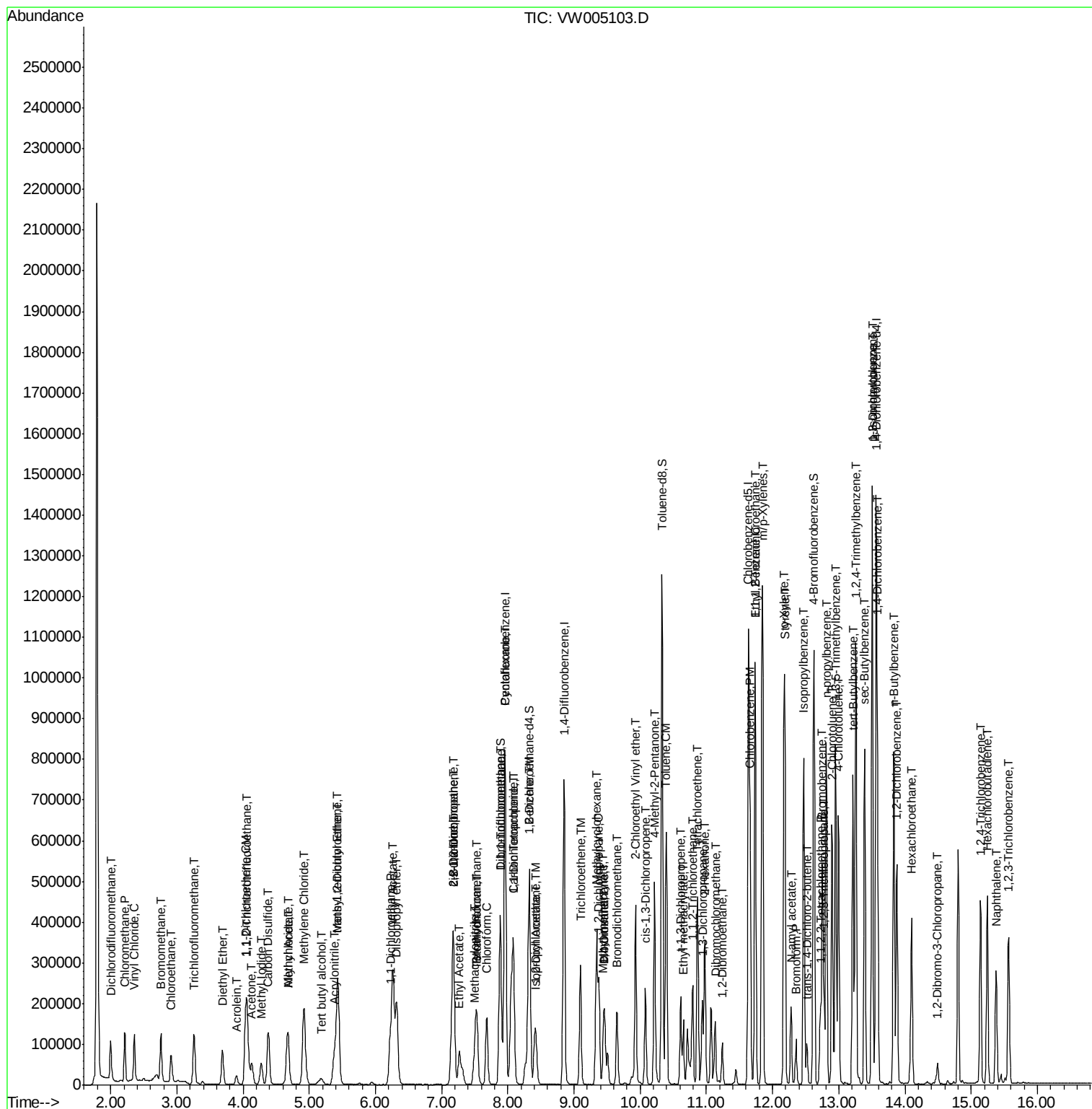
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	158190	20.831	ug/l	99
94) Hexachlorobutadiene	15.24	225	98553	20.866	ug/l	99
95) Naphthalene	15.38	128	246694	21.276	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	138461	21.305	ug/l	100

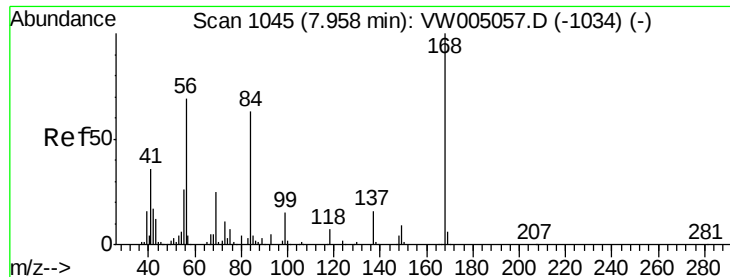
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

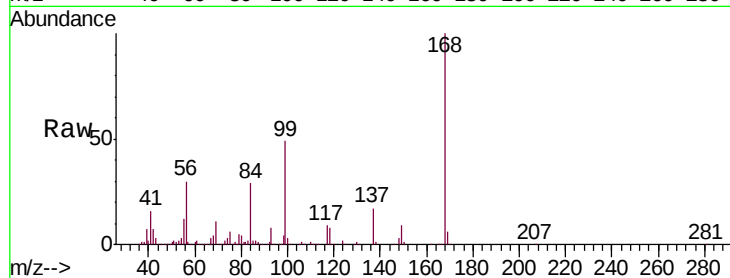
VW0904SBS02

Tgt Ion:168 Resp: 465064

Ion Ratio Lower Upper

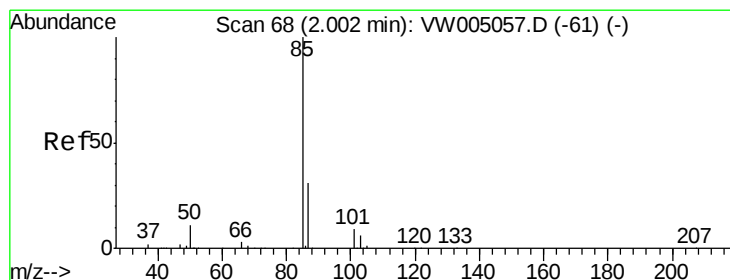
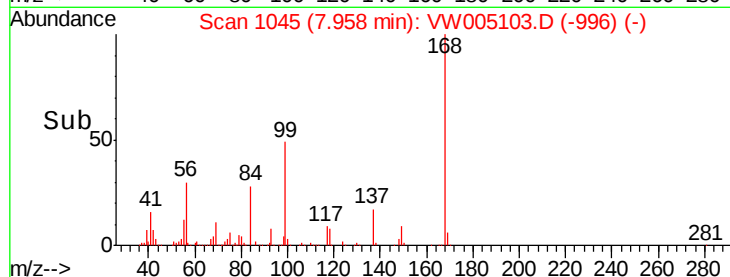
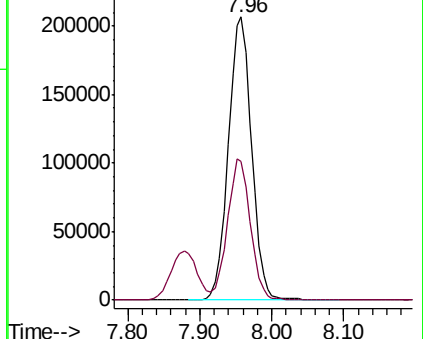
168 100

99 49.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.109 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005103.D

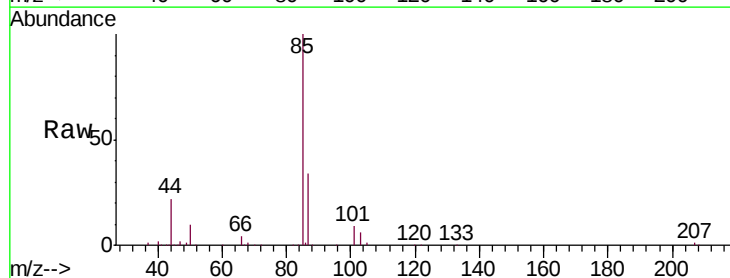
Acq: 05 Sep 2018 03:01

Tgt Ion: 85 Resp: 82858

Ion Ratio Lower Upper

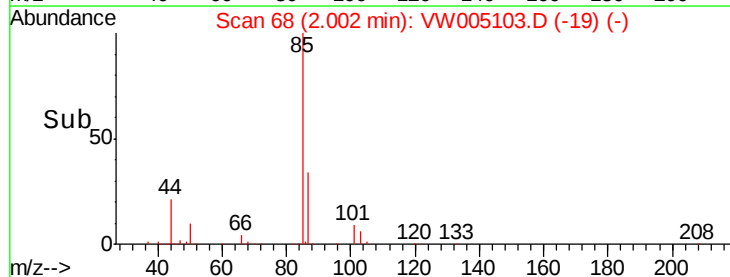
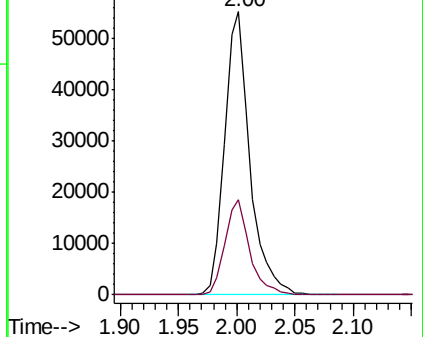
85 100

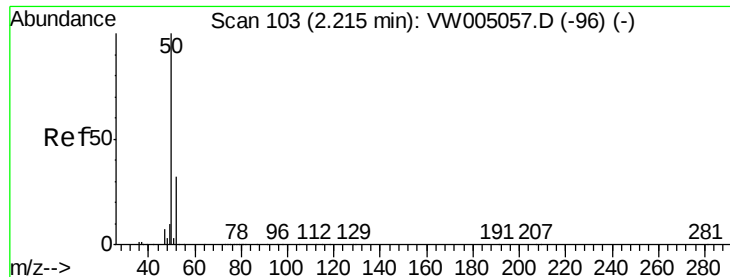
87 33.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.333 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

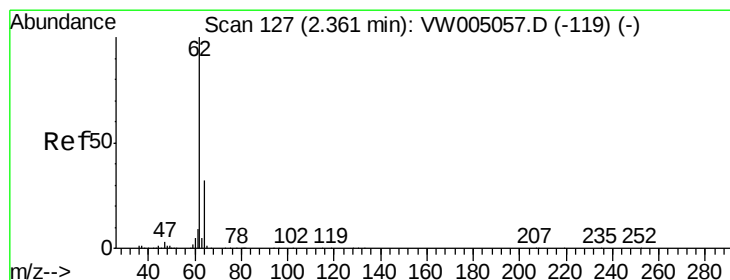
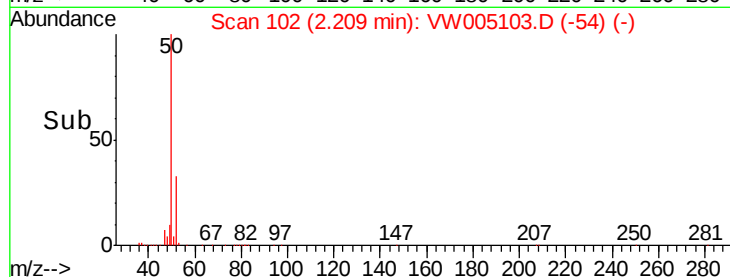
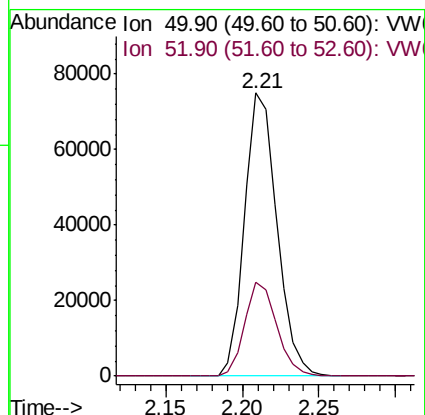
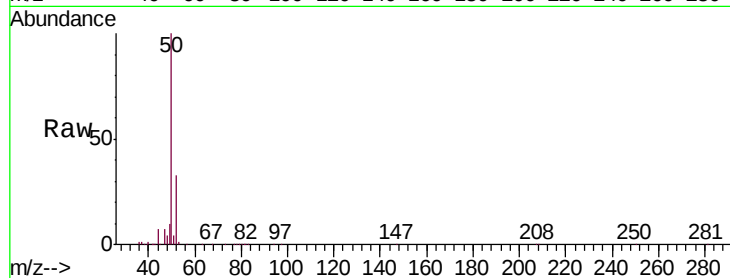
VW0904SBS02

Tgt Ion: 50 Resp: 110581

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.6



#4

Vinyl Chloride

Concen: 20.912 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005103.D

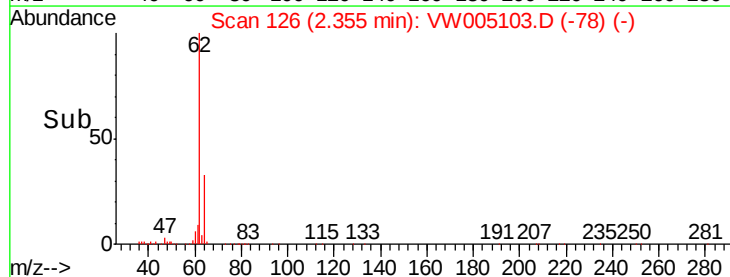
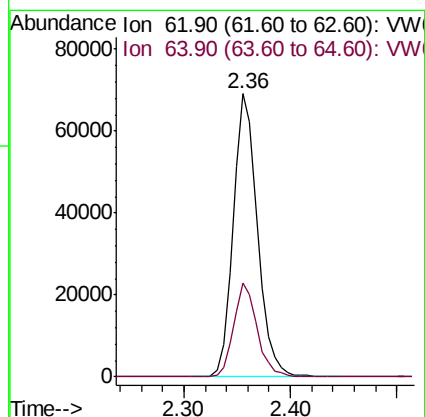
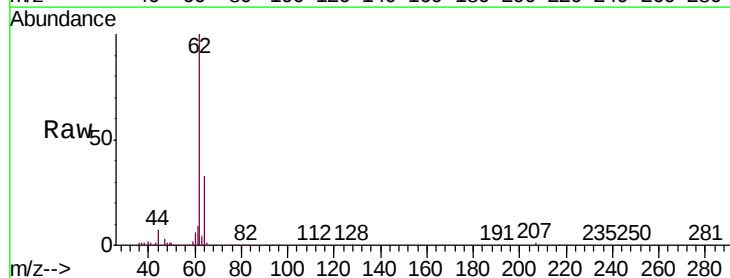
Acq: 05 Sep 2018 03:01

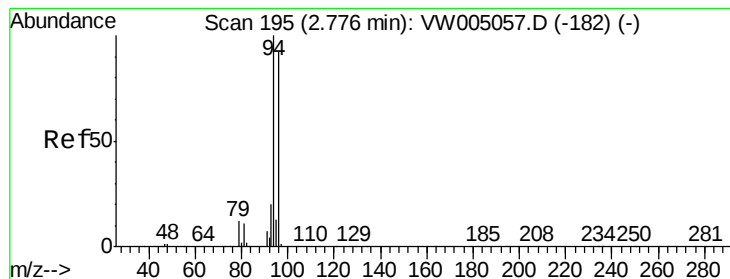
Tgt Ion: 62 Resp: 110593

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4





#5

Bromomethane

Concen: 22.720 ug/l

RT: 2.76 min Scan# 192

Delta R.T. -0.02 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

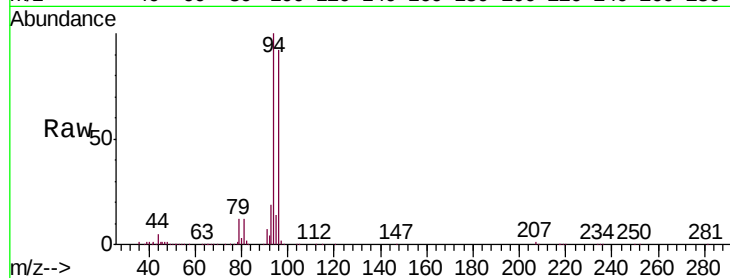
VW0904SBS02

Tgt Ion: 94 Resp: 81746

Ion Ratio Lower Upper

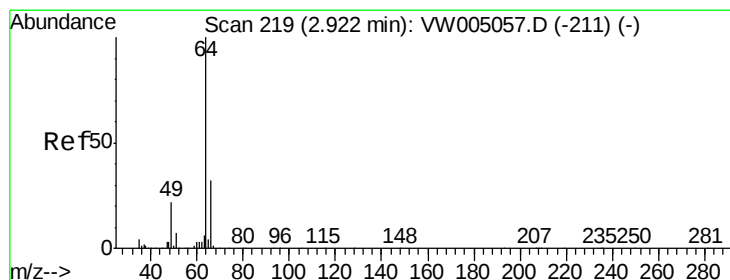
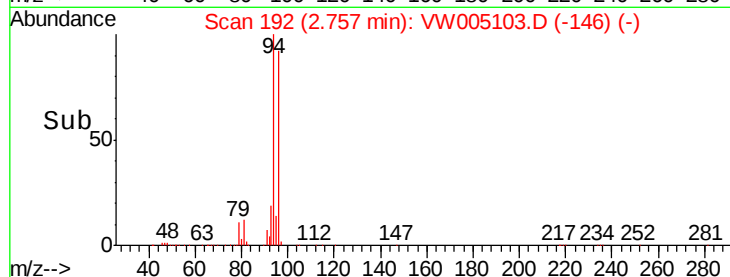
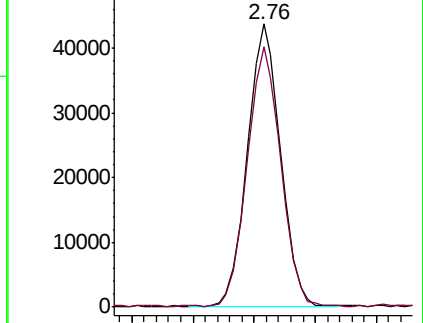
94 100

96 91.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.718 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005103.D

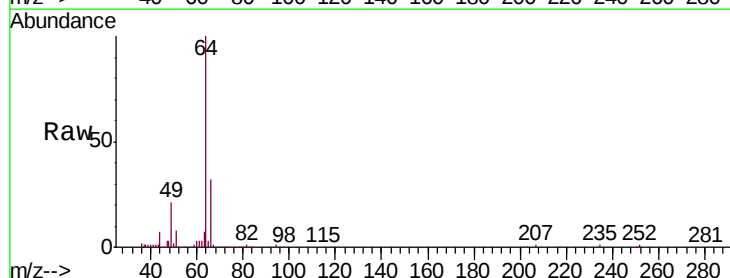
Acq: 05 Sep 2018 03:01

Tgt Ion: 64 Resp: 68200

Ion Ratio Lower Upper

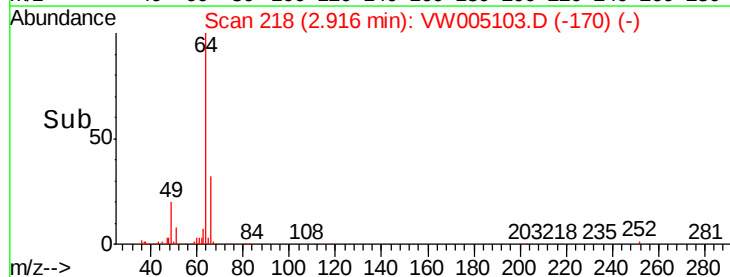
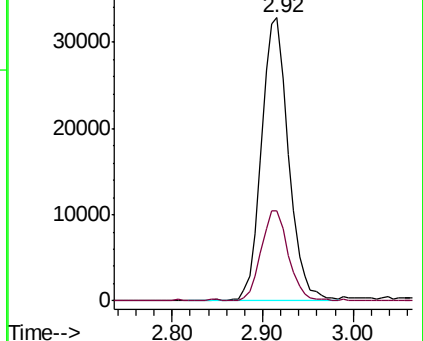
64 100

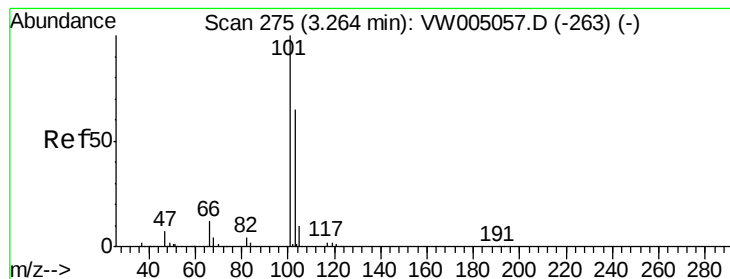
66 31.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



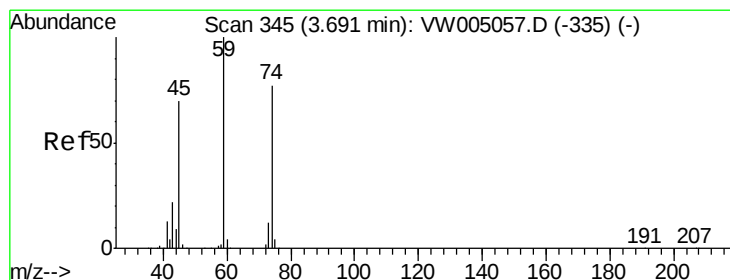
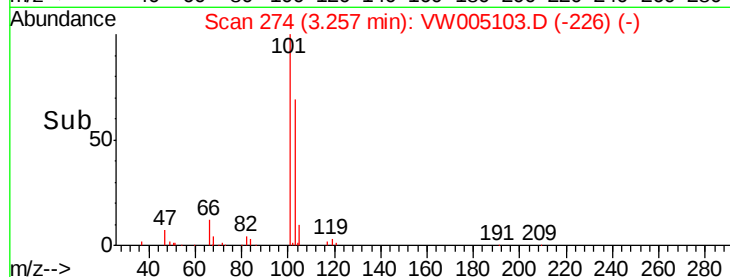
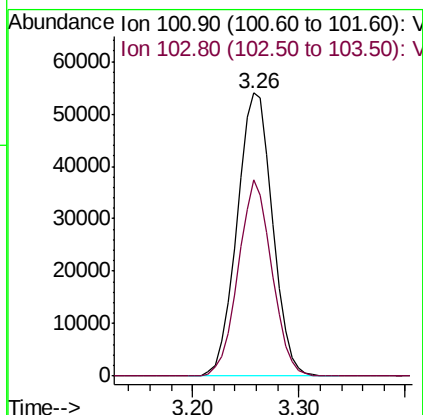
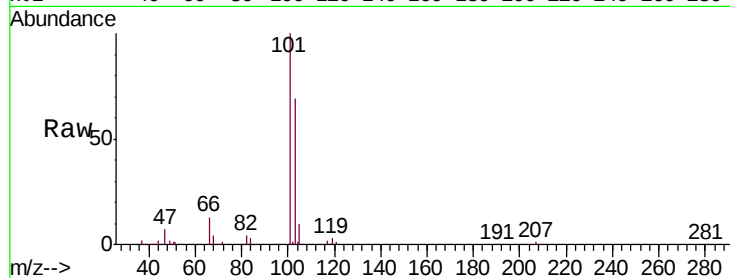


#7

Trichlorofluoromethane
 Concen: 21.221 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

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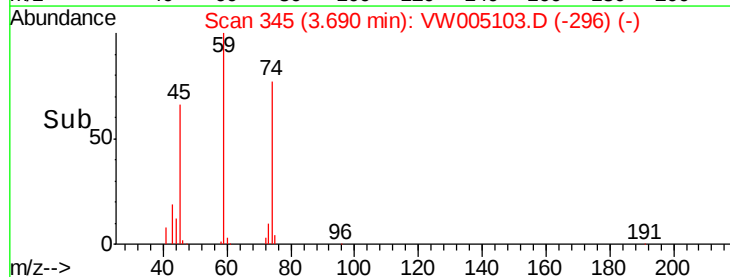
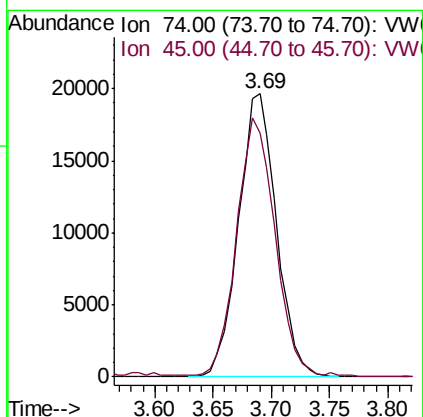
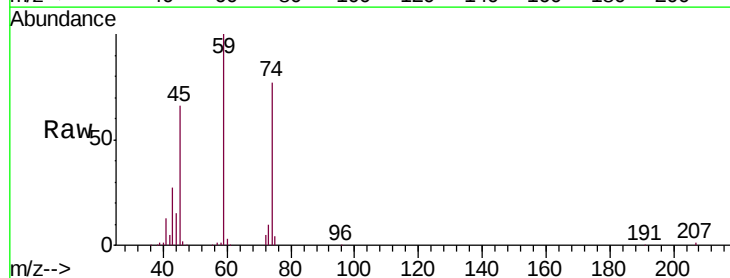
Tgt Ion:101 Resp: 126243
 Ion Ratio Lower Upper
 101 100
 103 69.2 51.9 77.9

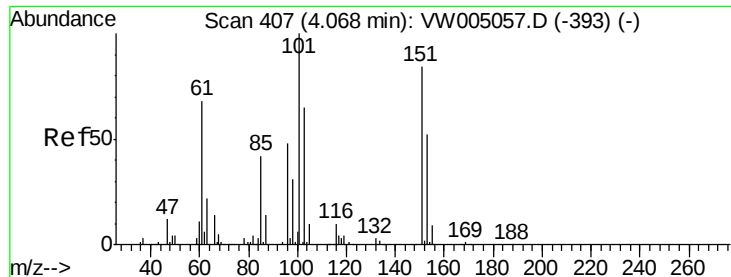


#8

Diethyl Ether
 Concen: 20.680 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion: 74 Resp: 44512
 Ion Ratio Lower Upper
 74 100
 45 91.8 46.0 137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.166 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

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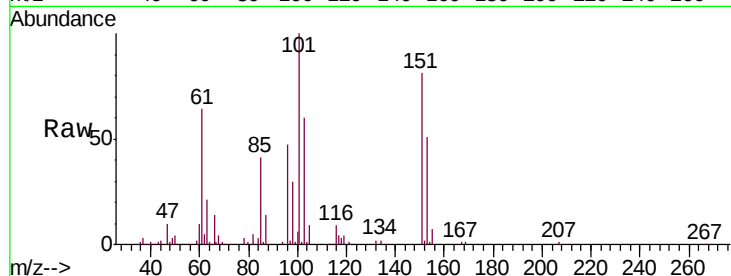
Tgt Ion:101 Resp: 86492

Ion Ratio Lower Upper

101 100

85 41.2 33.0 49.6

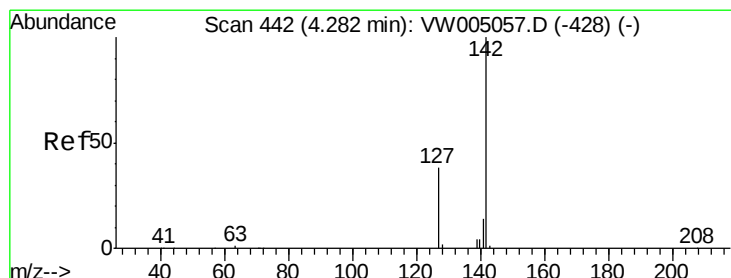
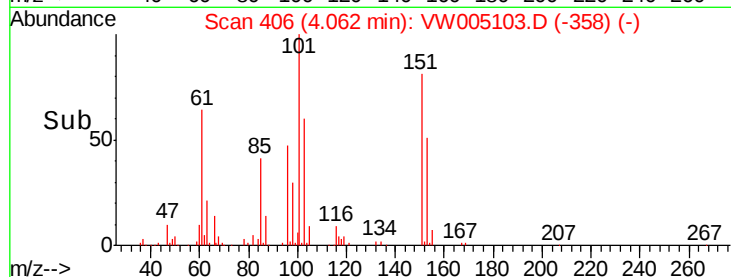
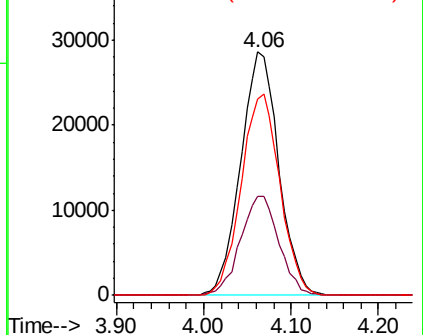
151 84.0 67.0 100.6



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: 17.282 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

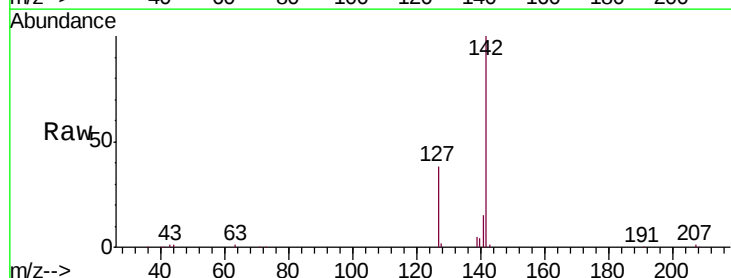
Tgt Ion:142 Resp: 89012

Ion Ratio Lower Upper

142 100

127 38.2 30.8 46.2

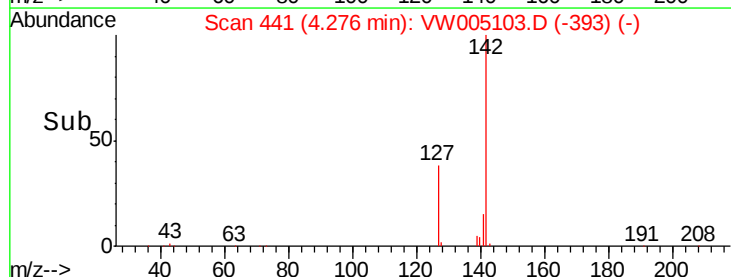
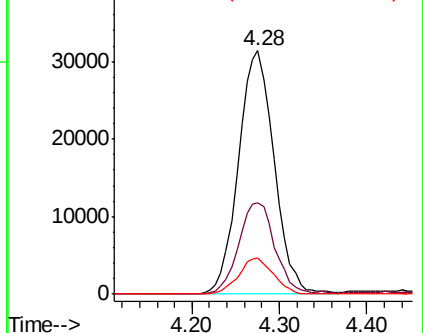
141 14.6 11.6 17.4

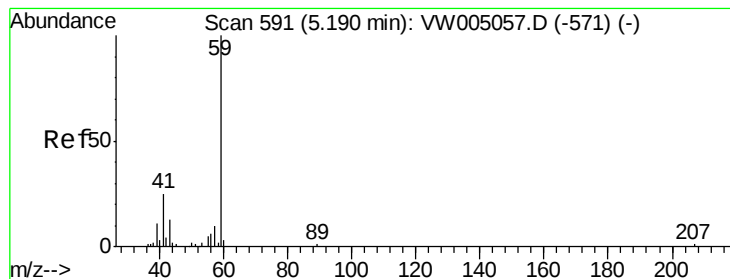


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



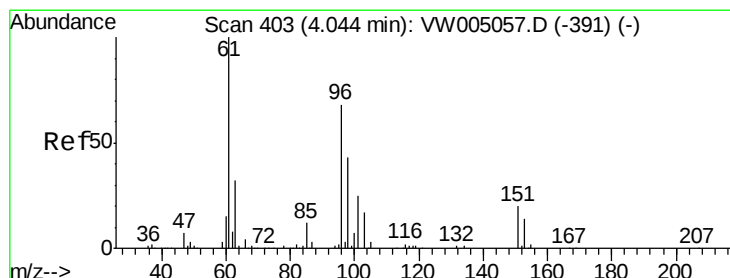
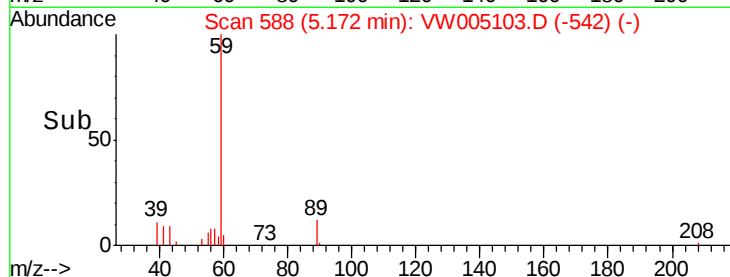
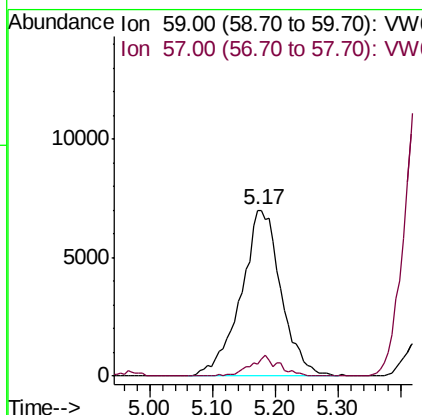
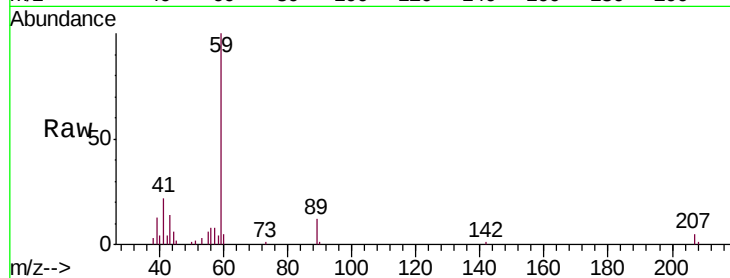


#11

Tert butyl alcohol
Concen: 139.138 ug/l
RT: 5.17 min Scan# 588
Delta R.T. -0.02 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Instrument :
MSVOA_W
ClientSampled :
VW0904SBS02

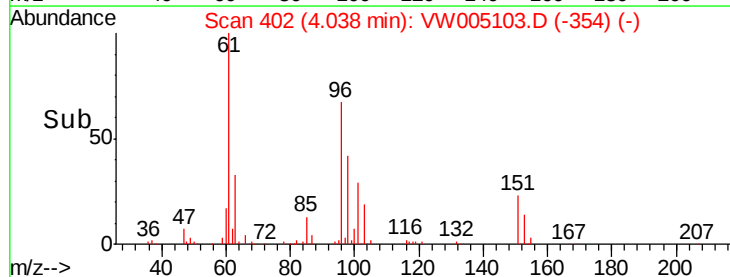
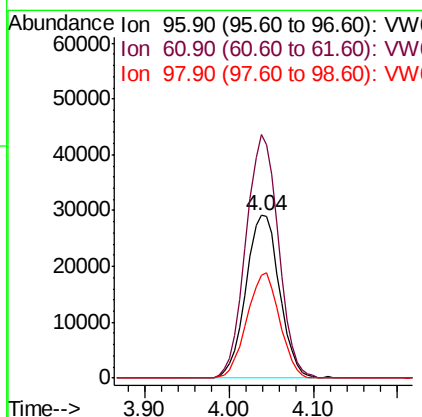
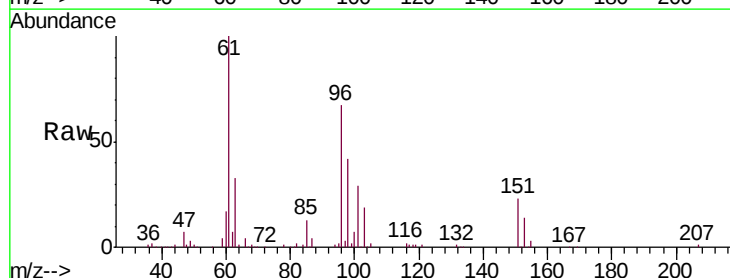
Tgt Ion: 59 Resp: 31019
Ion Ratio Lower Upper
59 100
57 8.8 8.6 12.8

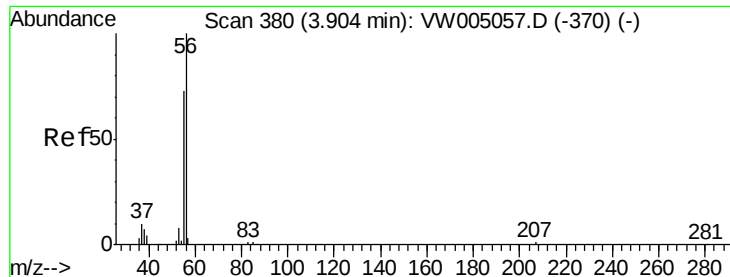


#12

1,1-Dichloroethene
Concen: 21.036 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 96 Resp: 79108
Ion Ratio Lower Upper
96 100
61 149.6 117.4 176.0
98 63.3 51.0 76.4





#13

Acrolein

Concen: 98.522 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

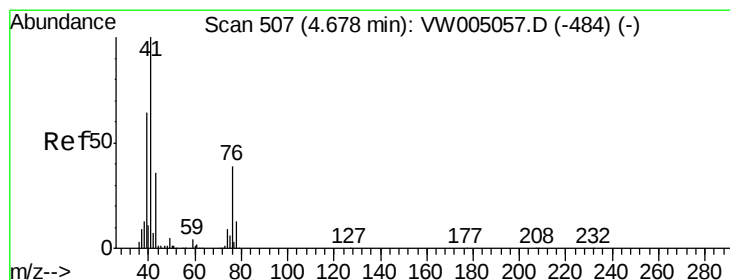
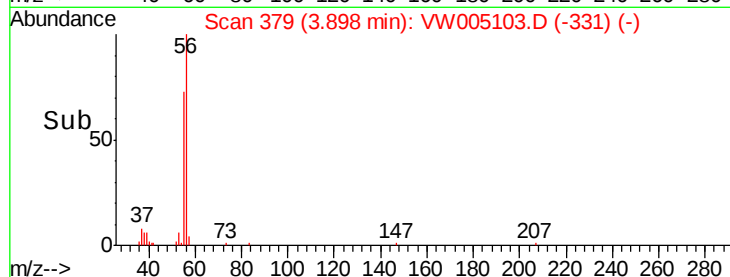
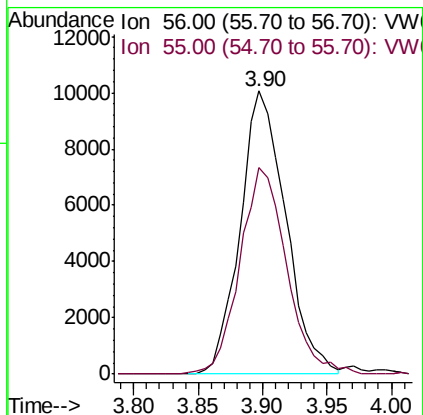
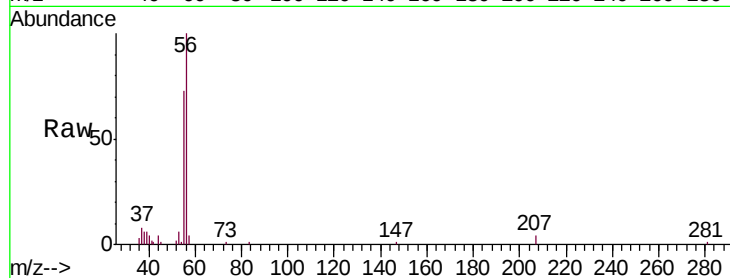
VW0904SBS02

Tgt Ion: 56 Resp: 24653

Ion Ratio Lower Upper

56 100

55 74.9 58.1 87.1



#14

Allyl chloride

Concen: 19.550 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

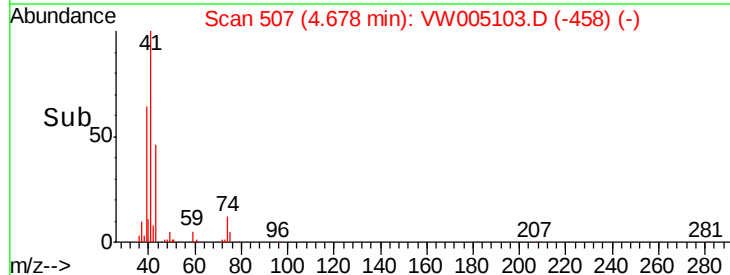
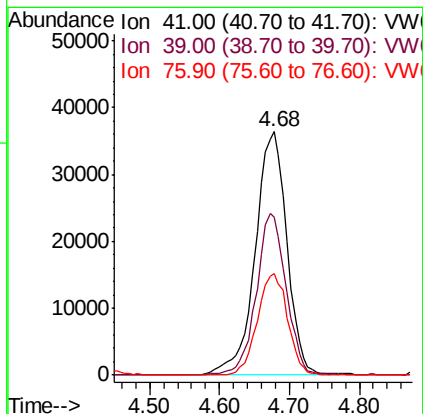
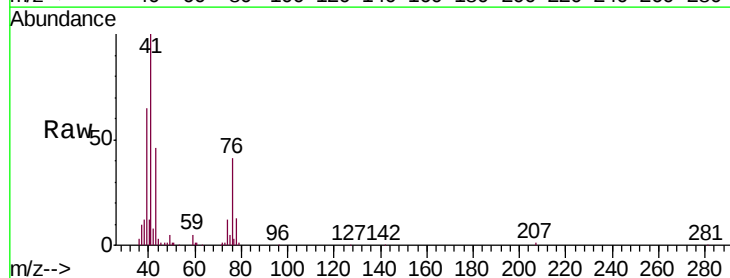
Tgt Ion: 41 Resp: 114927

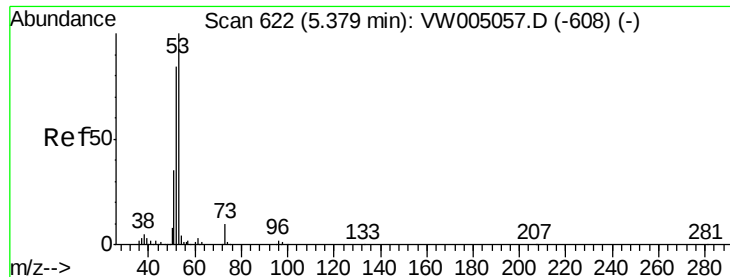
Ion Ratio Lower Upper

41 100

39 62.4 49.4 74.2

76 39.6 31.8 47.6





#15

Acrylonitrile

Concen: 108.521 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

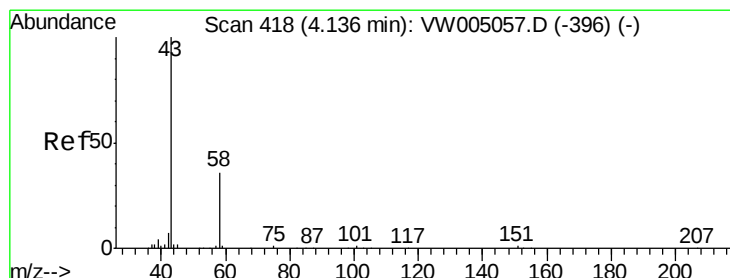
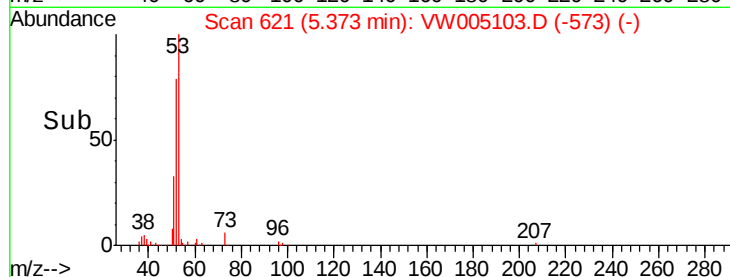
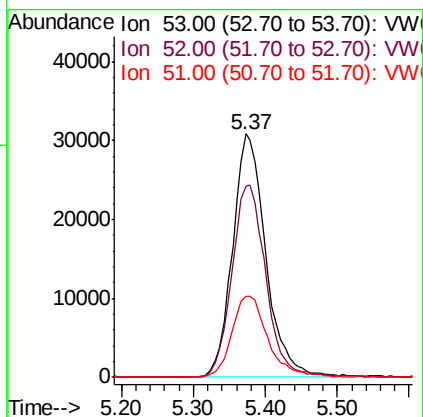
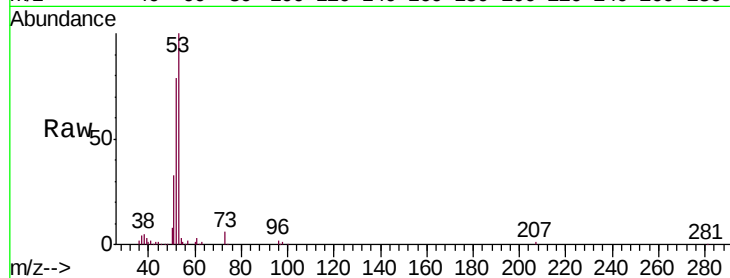
Tgt Ion: 53 Resp: 98527

Ion Ratio Lower Upper

53 100

52 81.0 65.7 98.5

51 36.6 28.8 43.2



#16

Acetone

Concen: 108.709 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW005103.D

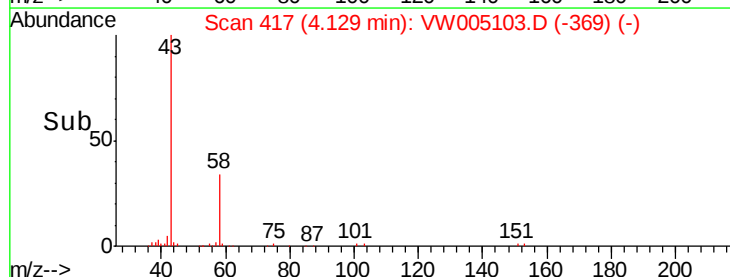
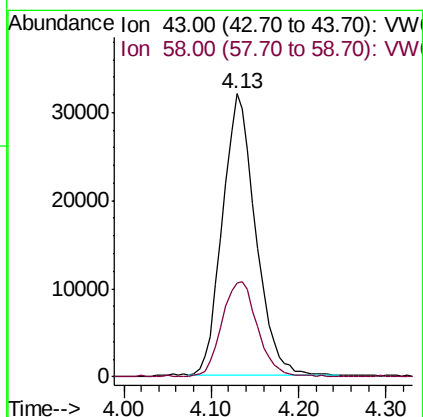
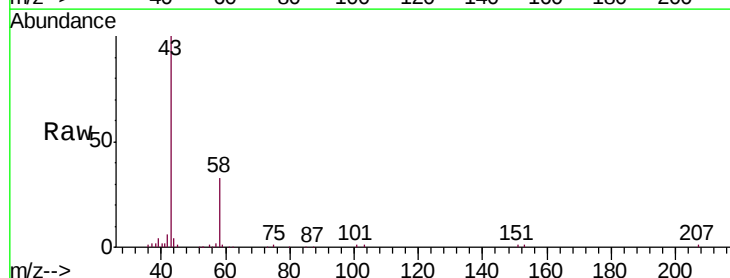
Acq: 05 Sep 2018 03:01

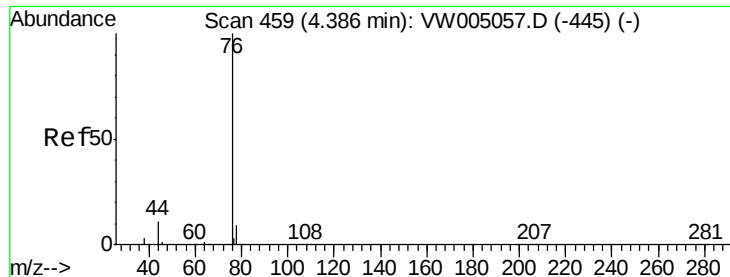
Tgt Ion: 43 Resp: 84048

Ion Ratio Lower Upper

43 100

58 33.2 29.0 43.6

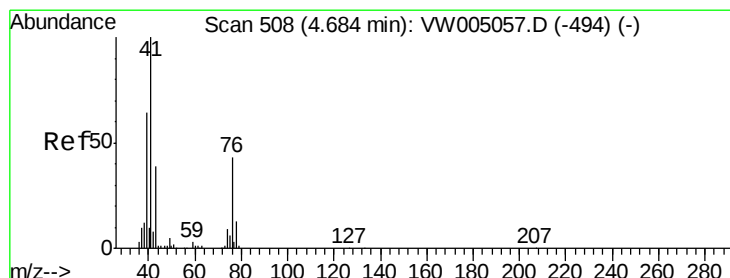
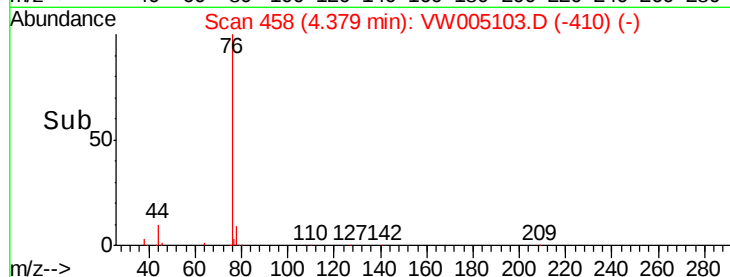
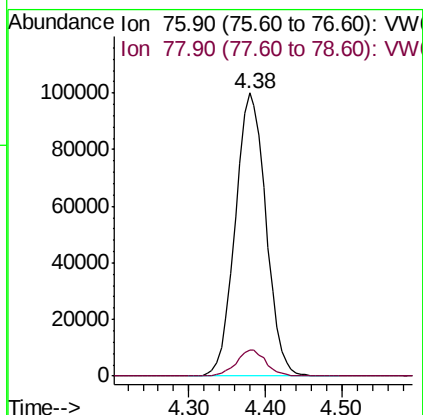
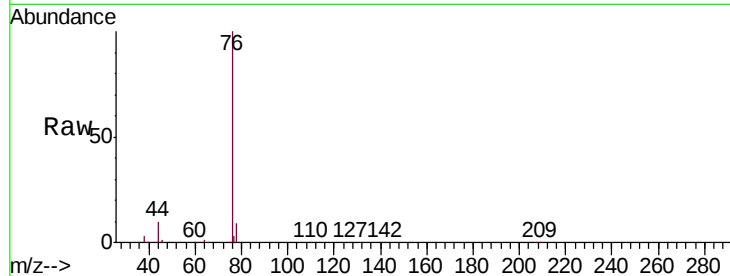




#17
Carbon Disulfide
Concen: 21.184 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

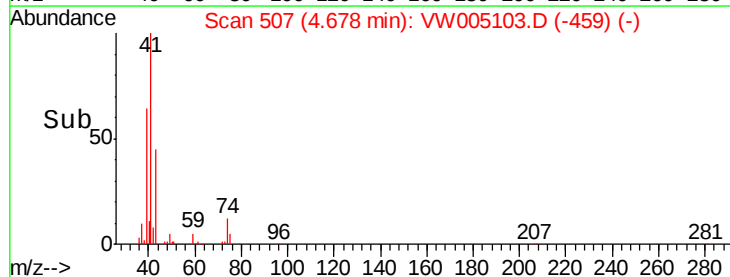
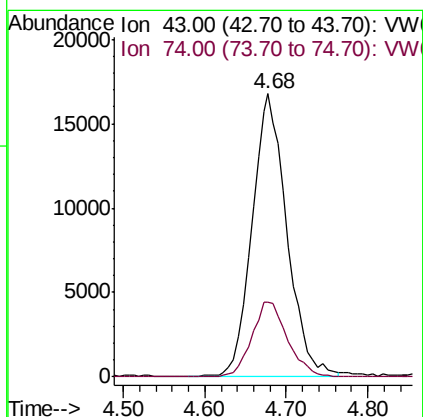
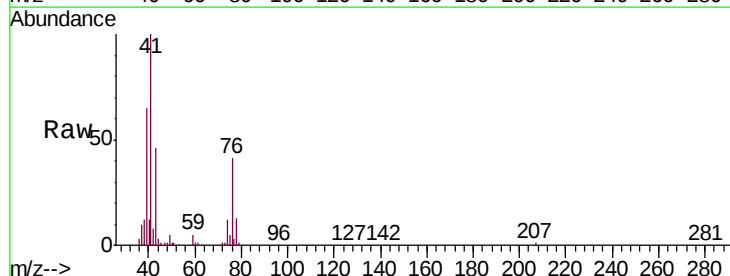
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

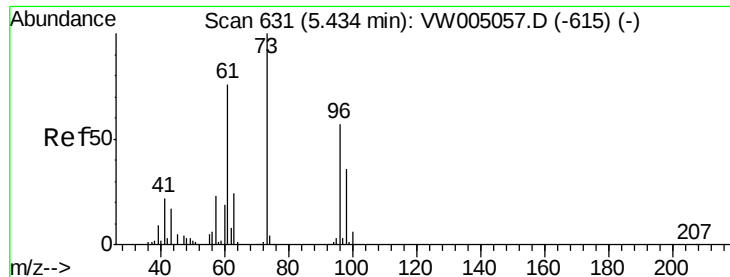
Tgt Ion: 76 Resp: 277585
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 21.924 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 43 Resp: 49864
Ion Ratio Lower Upper
43 100
74 27.2 20.7 31.1

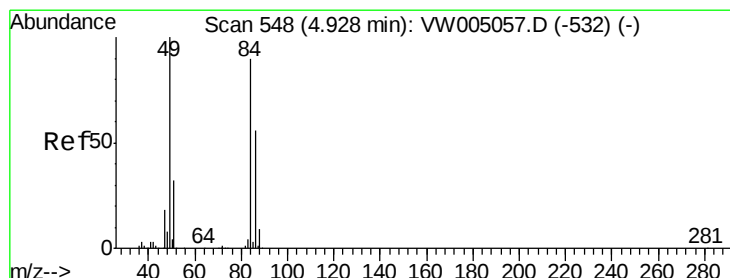
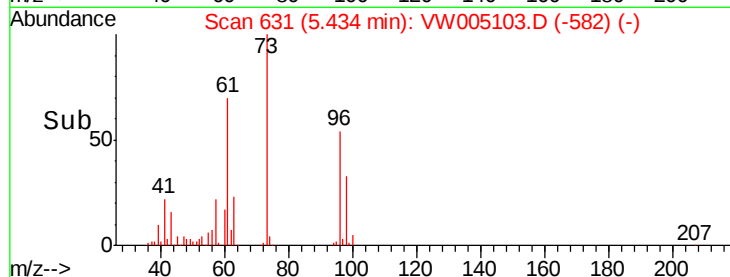
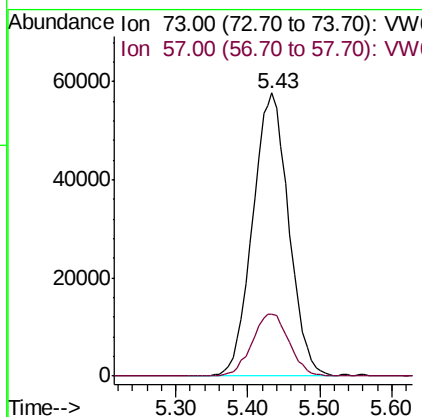
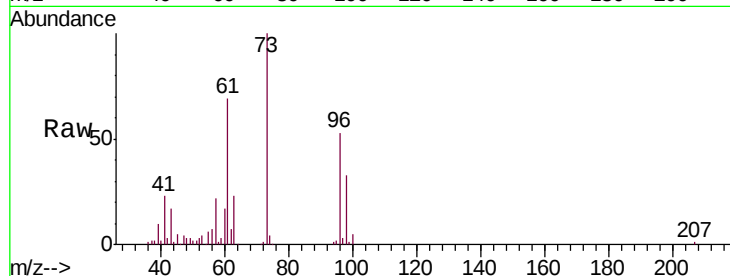




#19
Methyl tert-butyl Ether
Concen: 21.918 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

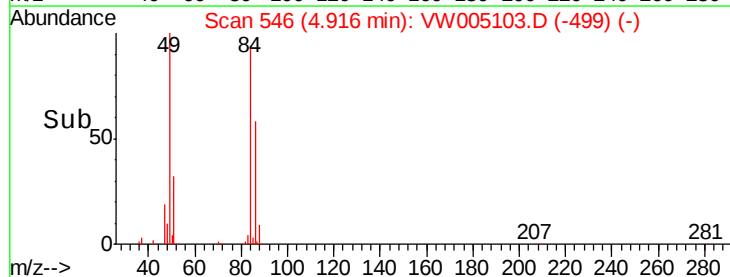
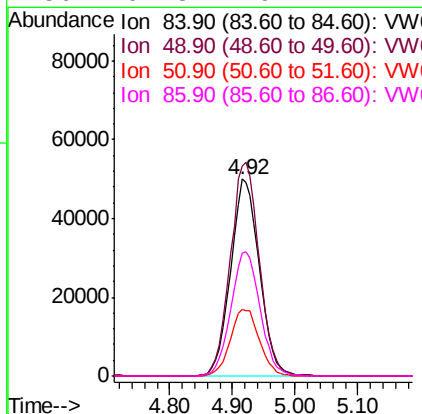
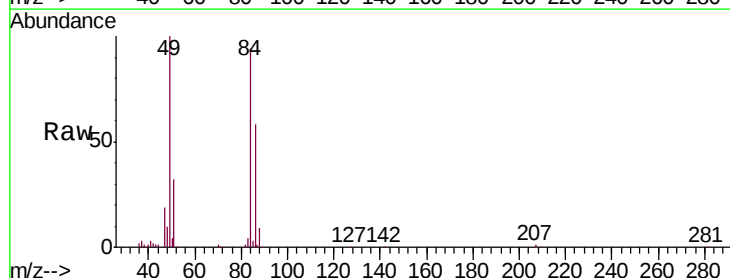
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

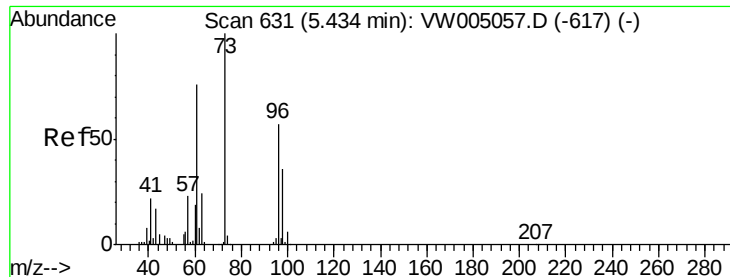
Tgt Ion: 73 Resp: 200146
Ion Ratio Lower Upper
73 100
57 21.8 18.1 27.1



#20
Methylene Chloride
Concen: 28.661 ug/l
RT: 4.92 min Scan# 546
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 84 Resp: 158369
Ion Ratio Lower Upper
84 100
49 106.8 88.7 133.1
51 33.7 28.6 42.8
86 62.3 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.005 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampled :

VW0904SBS02

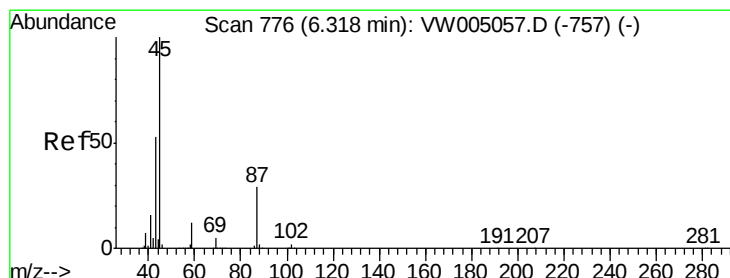
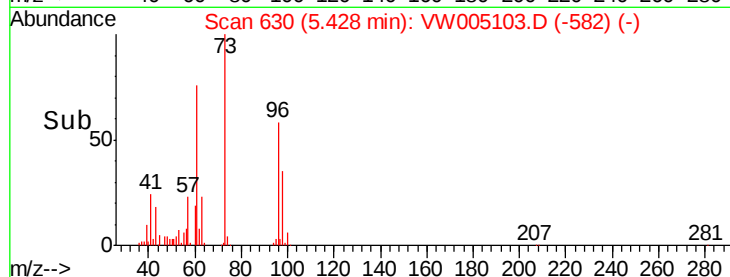
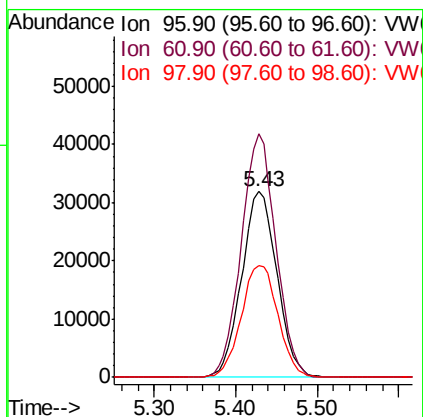
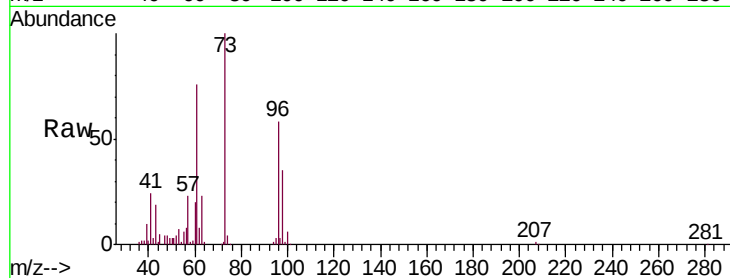
Tgt Ion: 96 Resp: 96242

Ion Ratio Lower Upper

96 100

61 131.2 106.3 159.5

98 60.3 50.9 76.3



#22

Diisopropyl ether

Concen: 20.683 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Tgt Ion: 45 Resp: 255852

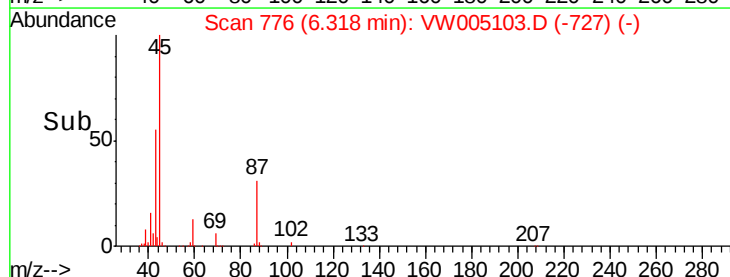
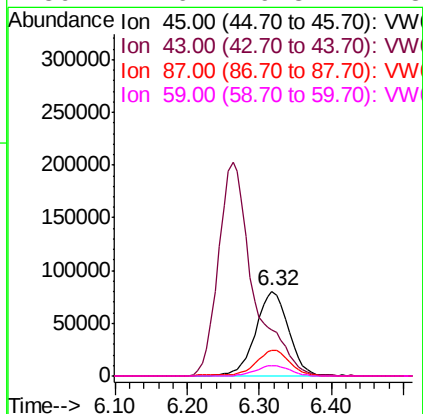
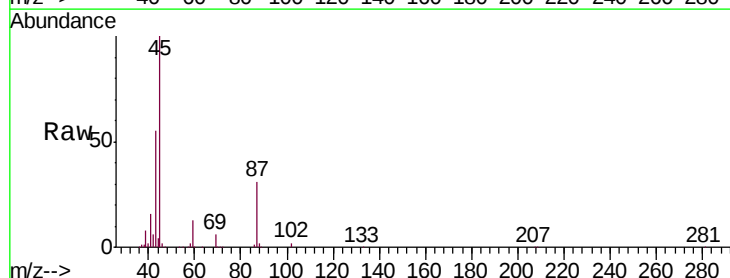
Ion Ratio Lower Upper

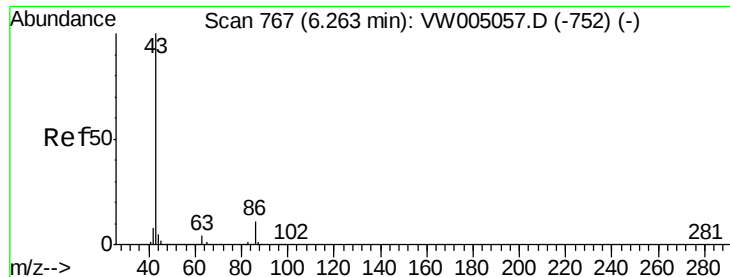
45 100

43 53.9 42.6 63.8

87 30.6 23.6 35.4

59 12.6 9.8 14.8





#23

Vinyl Acetate

Concen: 105.577 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

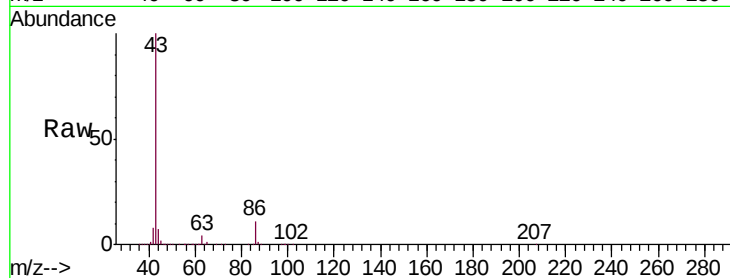
VW0904SBS02

Tgt Ion: 43 Resp: 685984

Ion Ratio Lower Upper

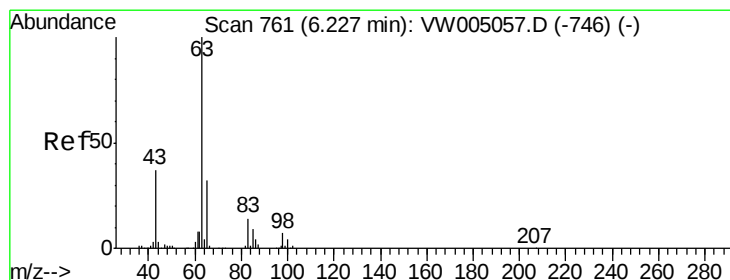
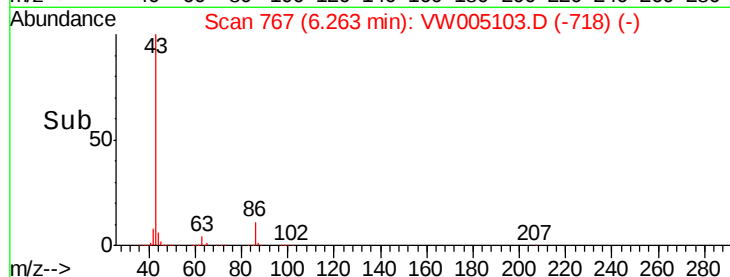
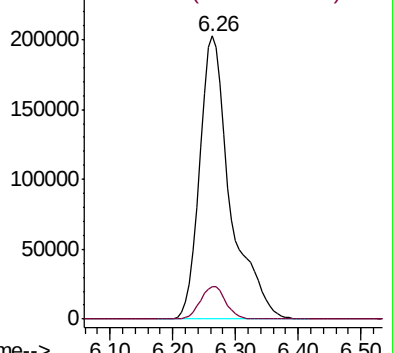
43 100

86 11.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.627 ug/l

RT: 6.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

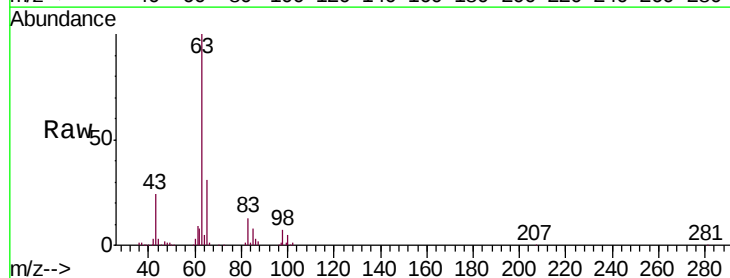
Tgt Ion: 63 Resp: 159487

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

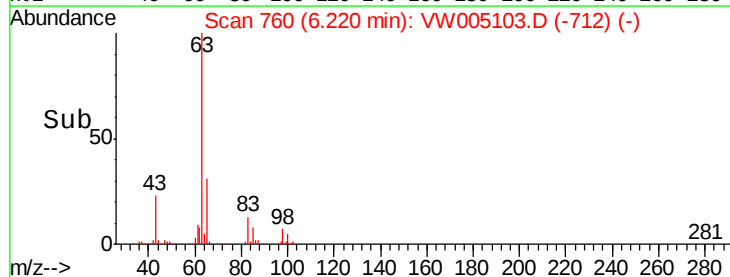
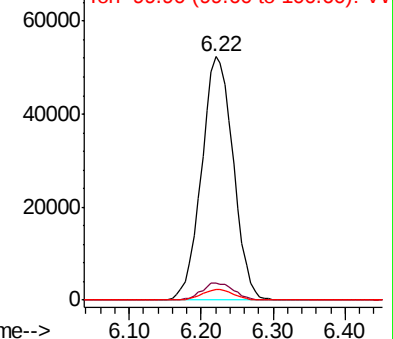
100 4.6 2.2 6.6

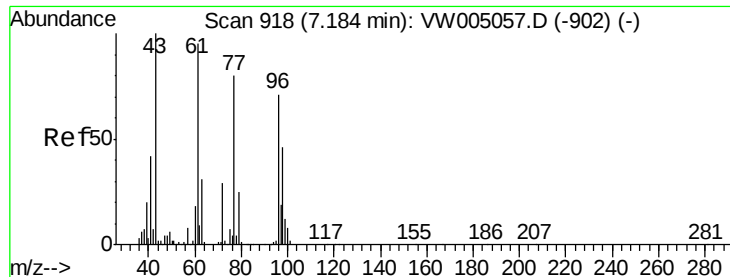


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 108.713 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

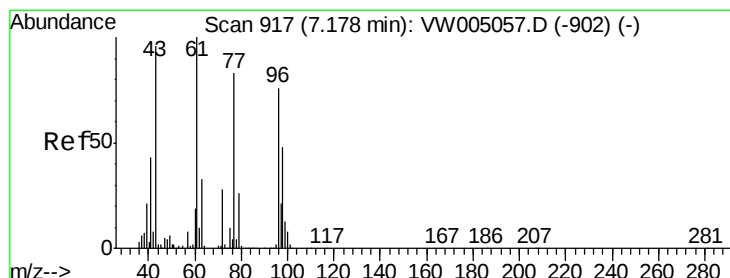
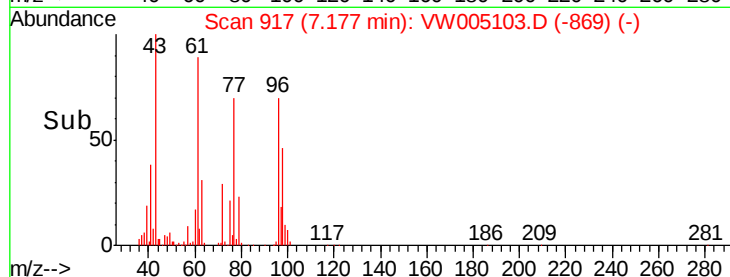
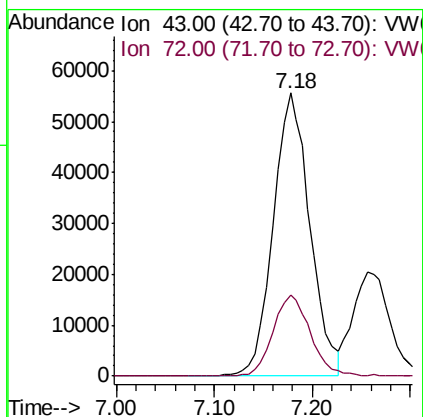
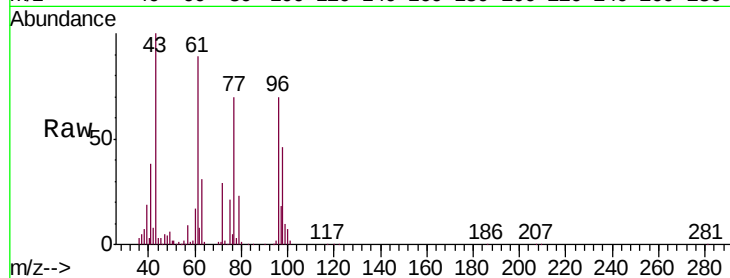
VW0904SBS02

Tgt Ion: 43 Resp: 145785

Ion Ratio Lower Upper

43 100

72 28.8 23.1 34.7



#26

2,2-Dichloropropane

Concen: 18.681 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005103.D

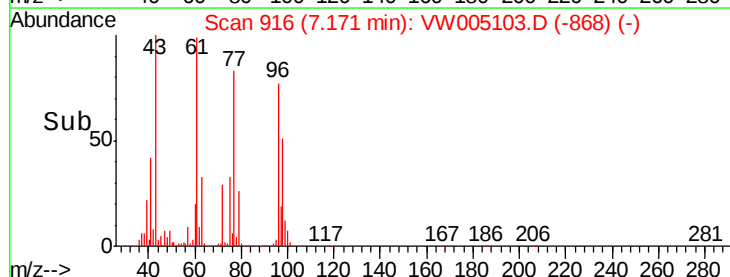
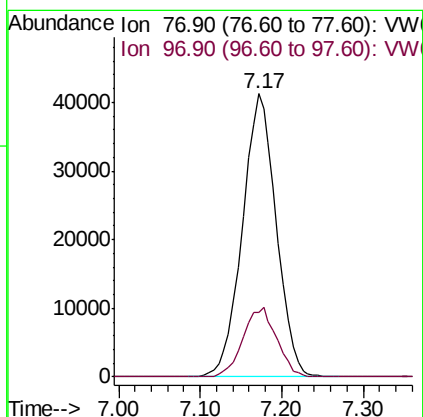
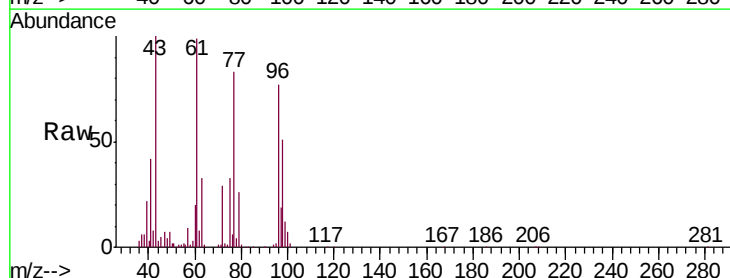
Acq: 05 Sep 2018 03:01

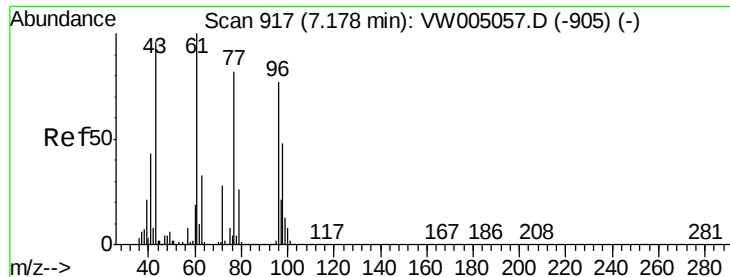
Tgt Ion: 77 Resp: 118697

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6



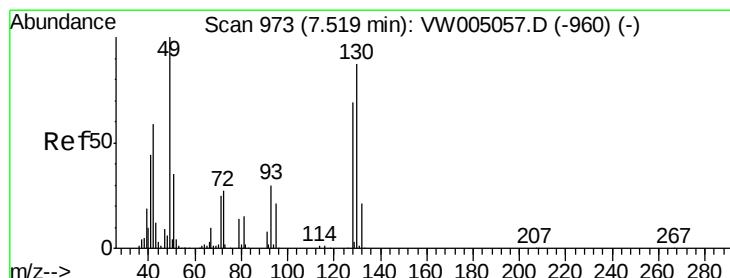
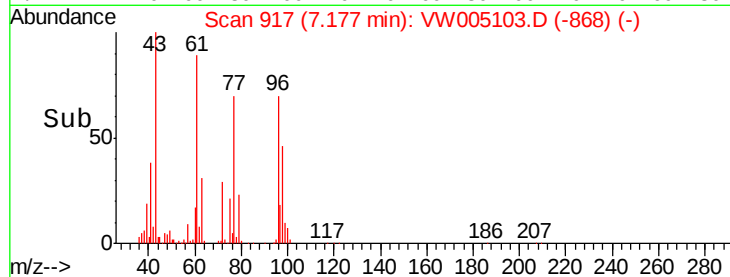
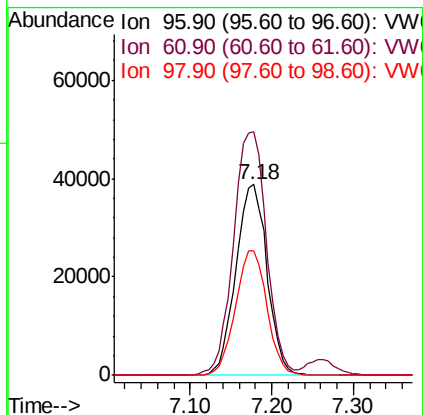
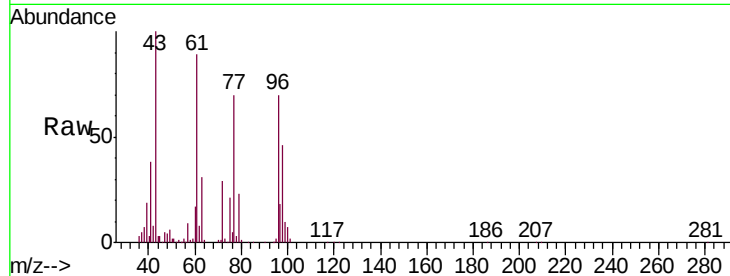


#27

cis-1,2-Dichloroethene
Concen: 20.590 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

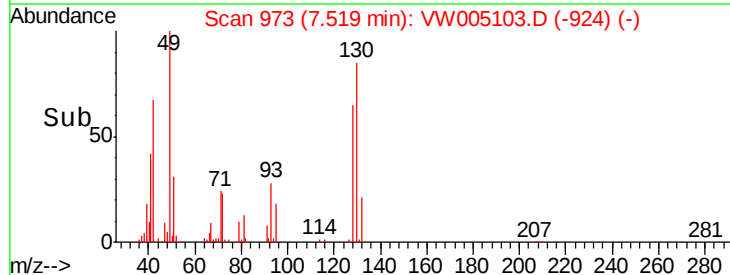
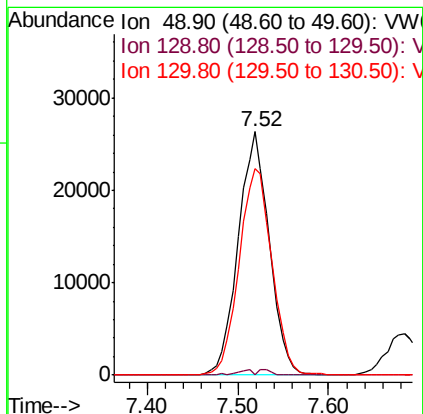
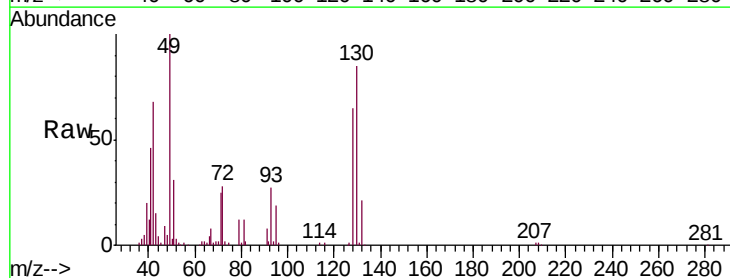
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	273.2
98	65.4	0.0	127.8

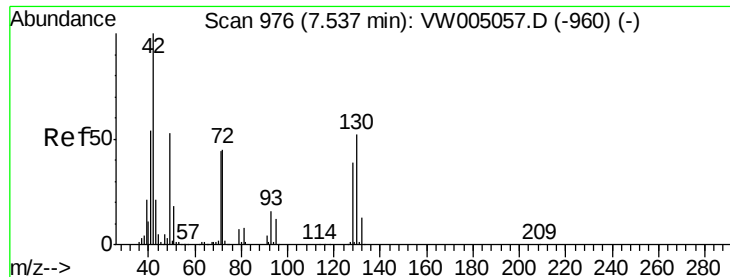


#28

Bromochloromethane
Concen: 20.125 ug/l
RT: 7.52 min Scan# 973
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.4
130	88.9	69.6	104.4





#29

Tetrahydrofuran

Concen: 108.572 ug/l

RT: 7.54 min Scan# 976

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

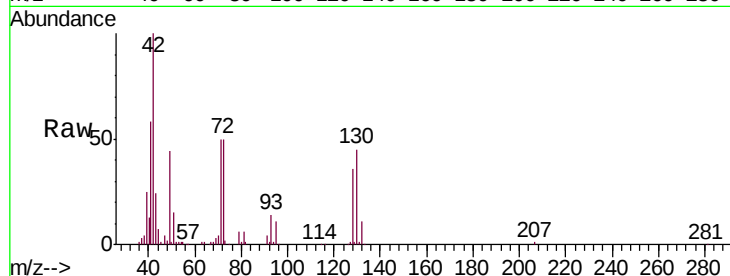
Tgt Ion: 42 Resp: 74394

Ion Ratio Lower Upper

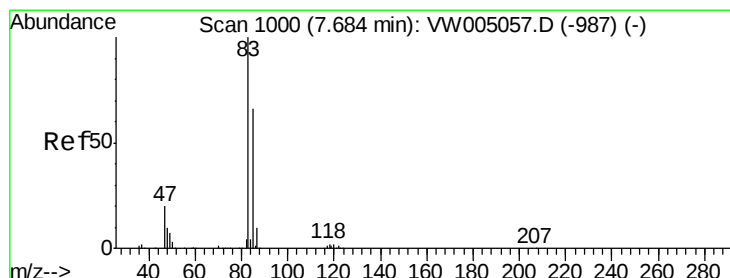
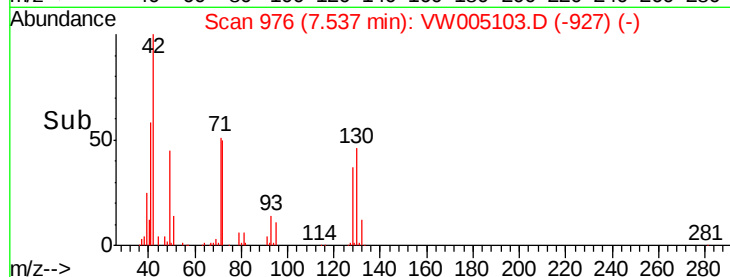
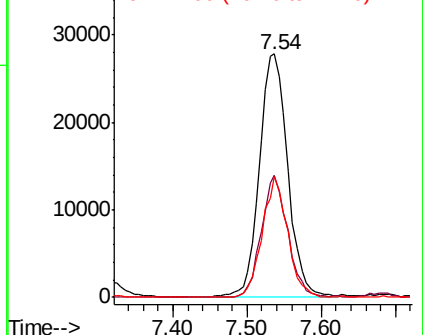
42 100

72 46.3 37.0 55.4

71 44.1 35.0 52.6



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



#30

Chloroform

Concen: 20.774 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VW005103.D

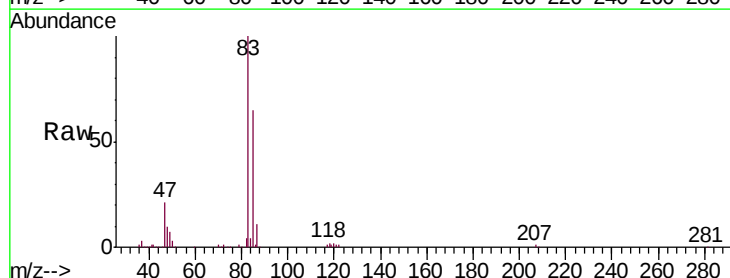
Acq: 05 Sep 2018 03:01

Tgt Ion: 83 Resp: 163937

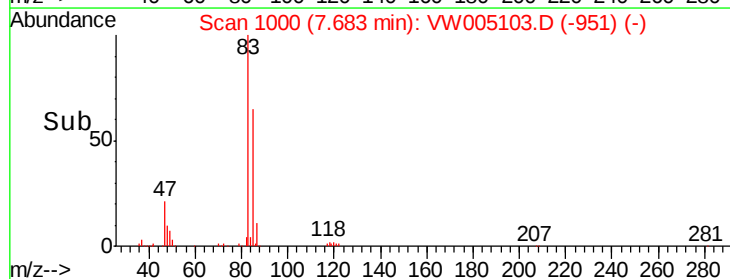
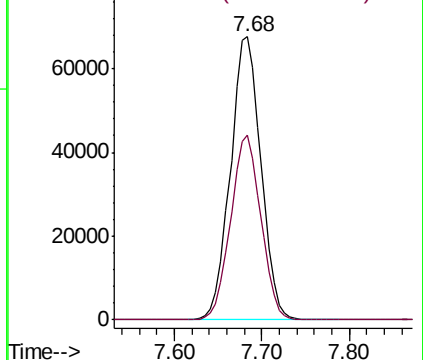
Ion Ratio Lower Upper

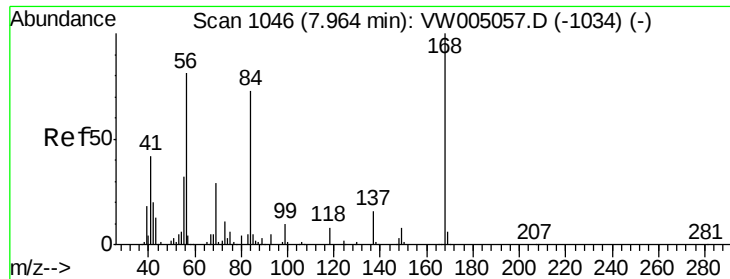
83 100

85 65.2 53.1 79.7



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

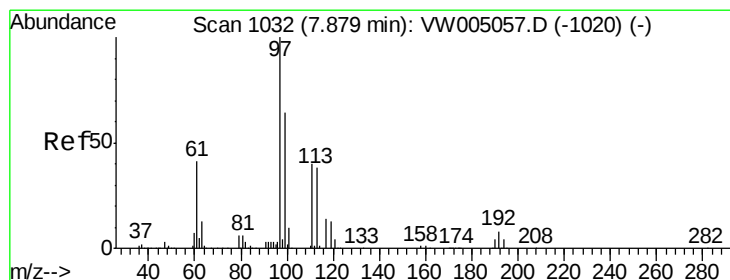
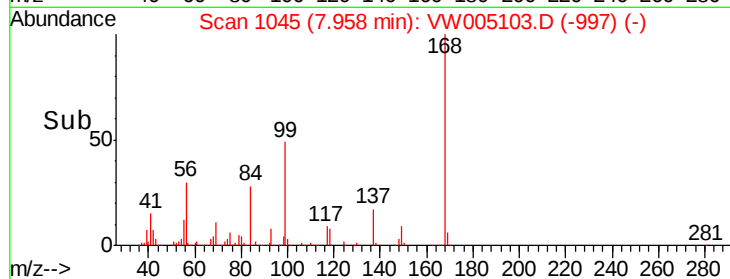
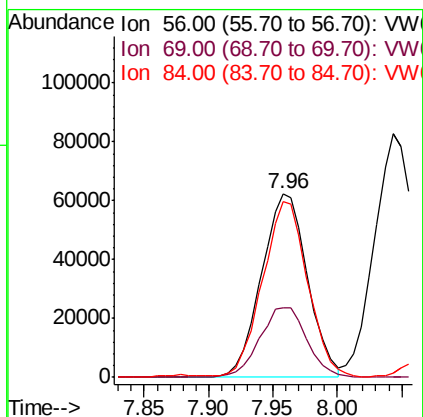
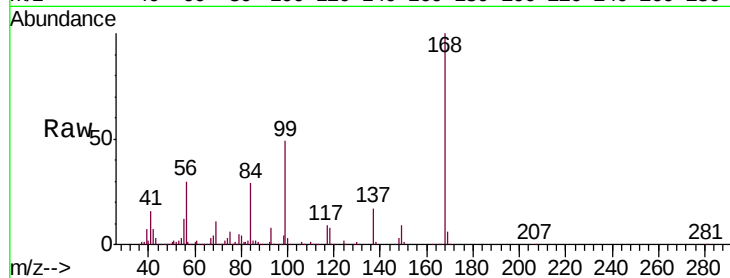




#31
Cyclohexane
Concen: 20.403 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

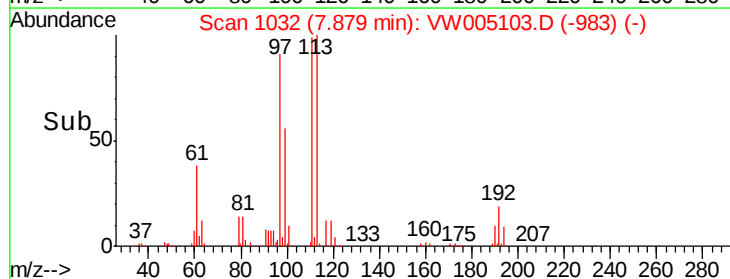
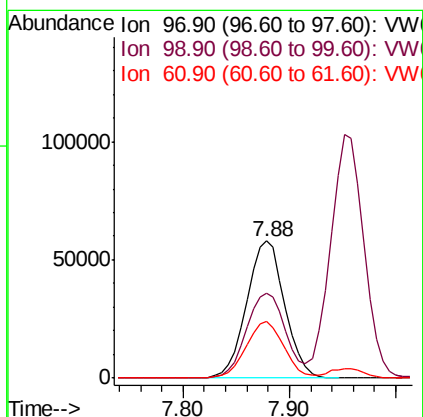
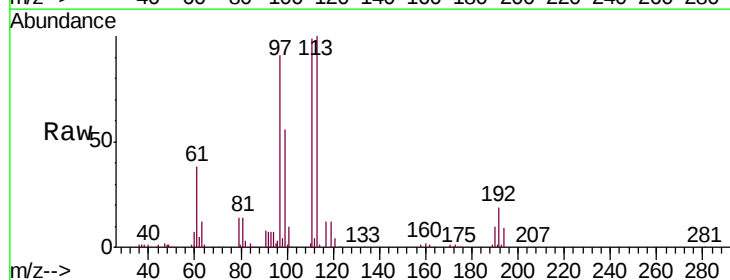
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

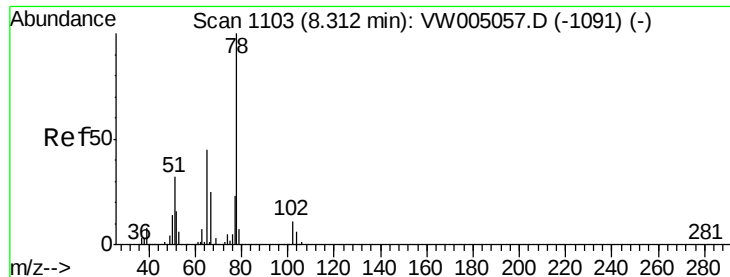
Tgt Ion: 56 Resp: 154488
Ion Ratio Lower Upper
56 100
69 37.6 28.2 42.2
84 94.5 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 21.080 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 97 Resp: 144880
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 41.2 33.2 49.8

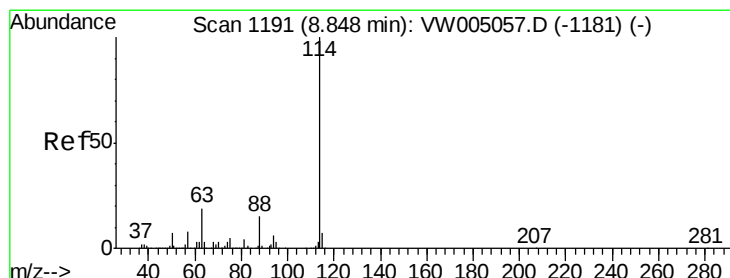
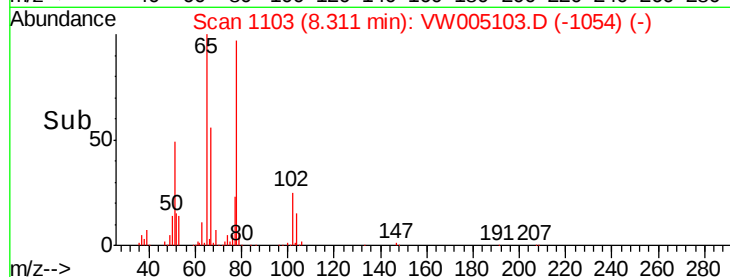
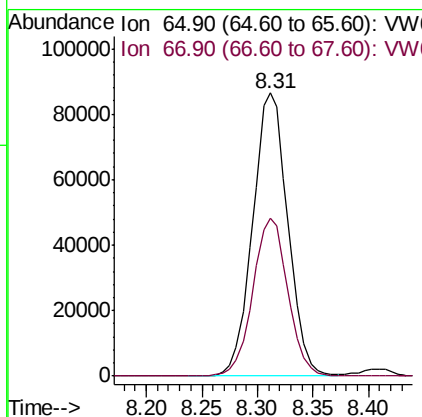
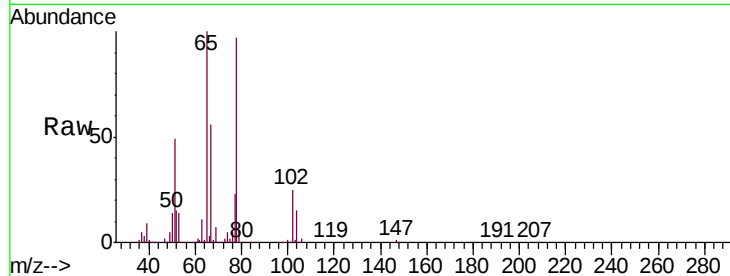




#33
 1,2-Dichloroethane-d4
 Concen: 49.298 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

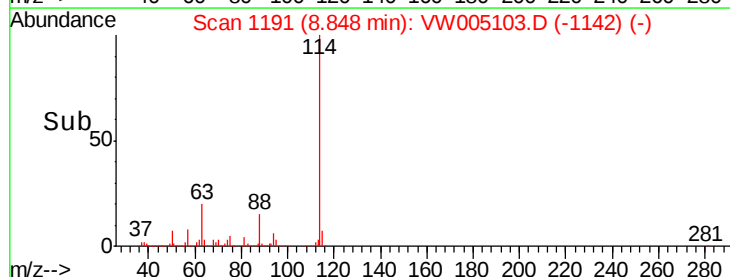
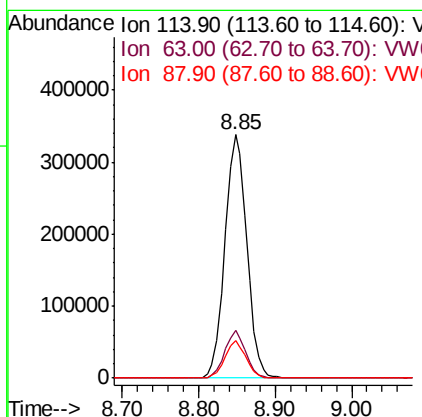
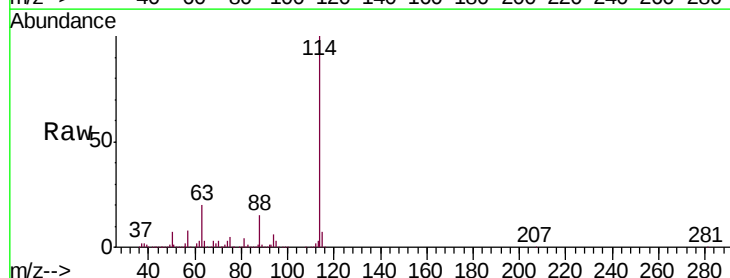
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

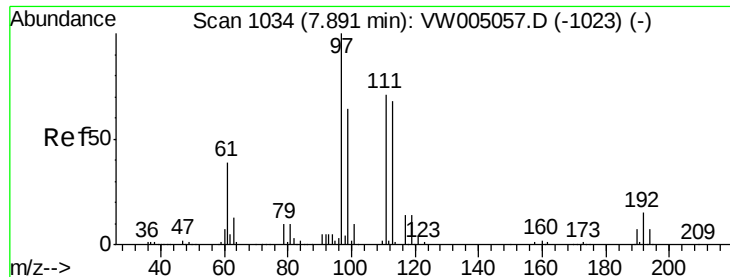
Tgt Ion: 65 Resp: 190051
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion: 114 Resp: 669271
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.3 0.0 30.2

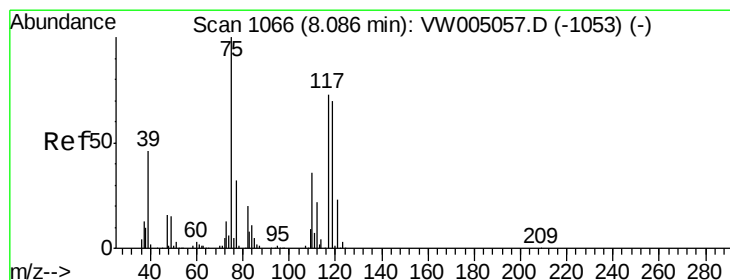
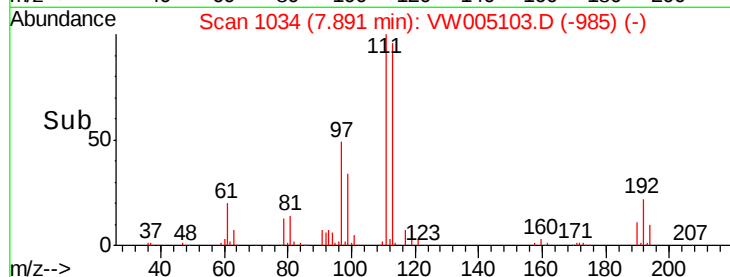
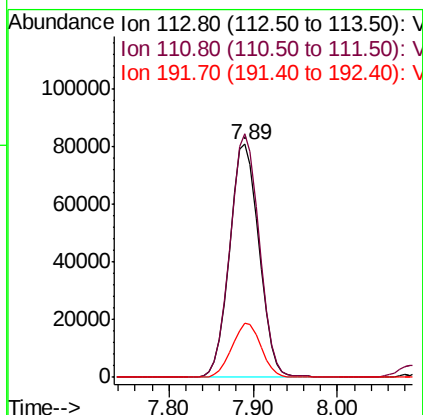
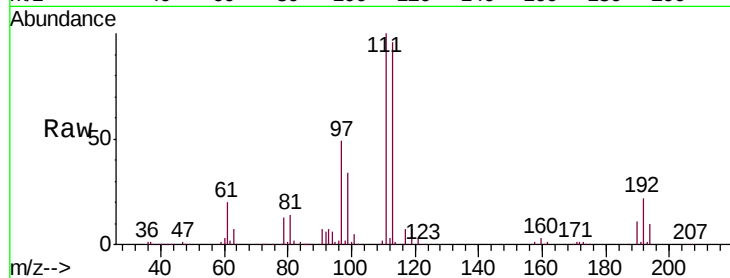




#35
 Dibromofluoromethane
 Concen: 49.512 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

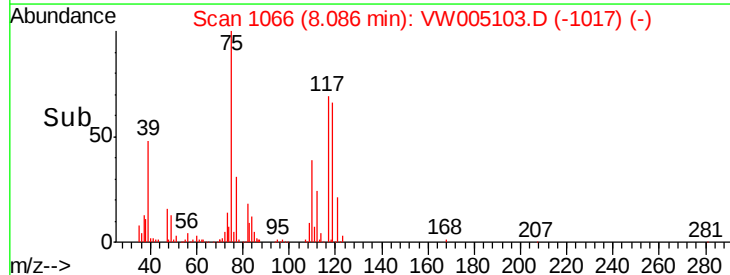
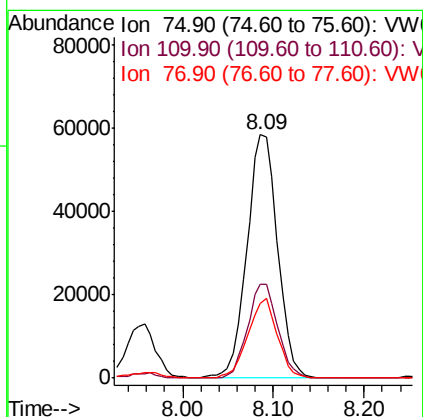
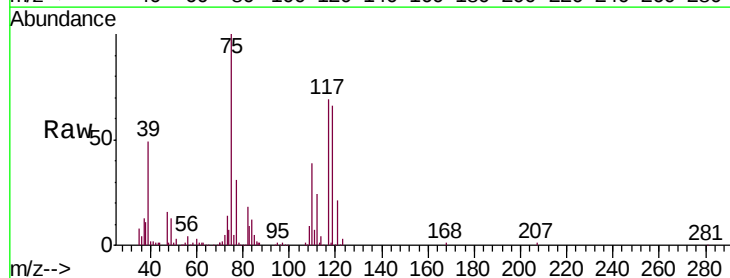
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

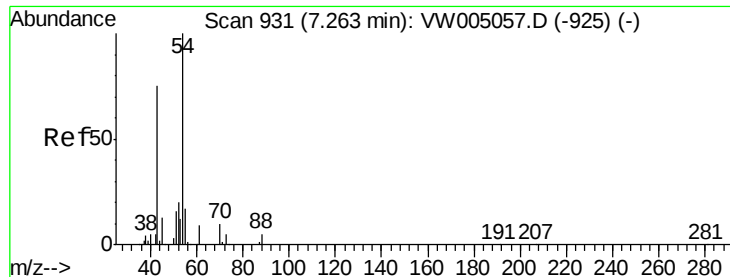
Tgt Ion:113 Resp: 191494
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 22.9 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 21.425 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion: 75 Resp: 136567
 Ion Ratio Lower Upper
 75 100
 110 38.1 18.9 56.7
 77 31.5 25.5 38.3

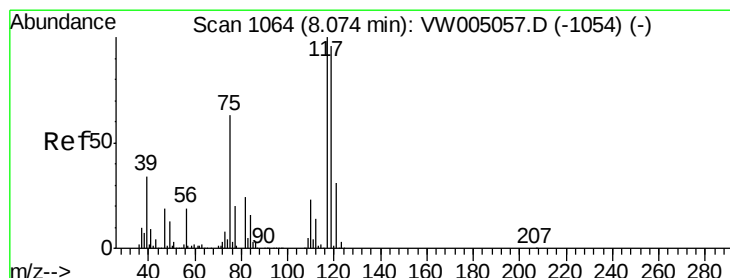
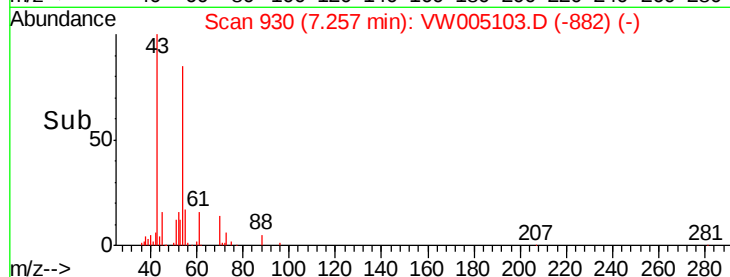
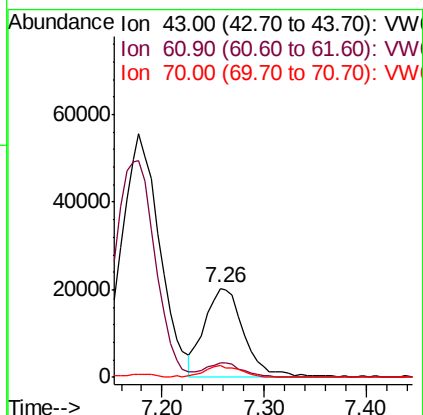
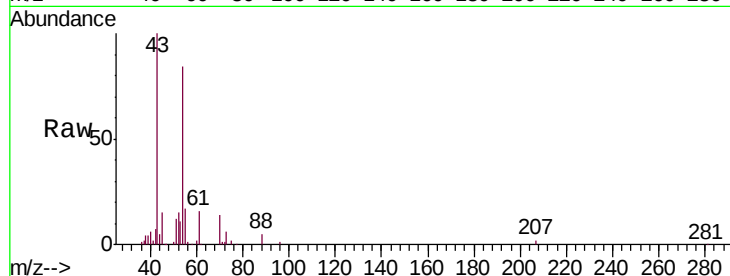




#37
Ethyl Acetate
Concen: 22.563 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

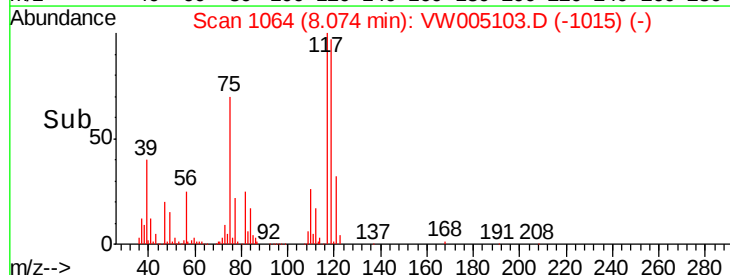
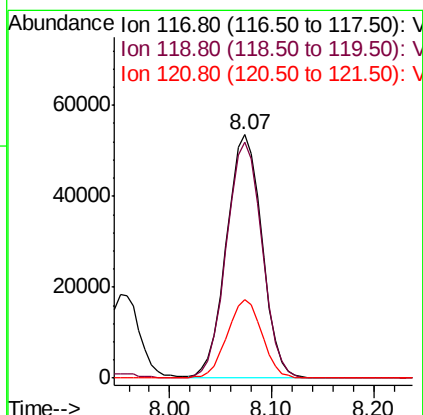
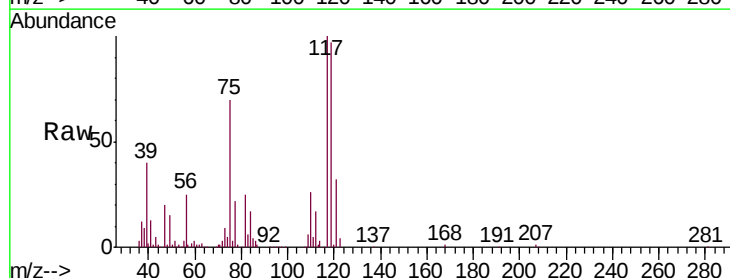
Instrument :
MSVOA_W
ClientSampled :
VW0904SBS02

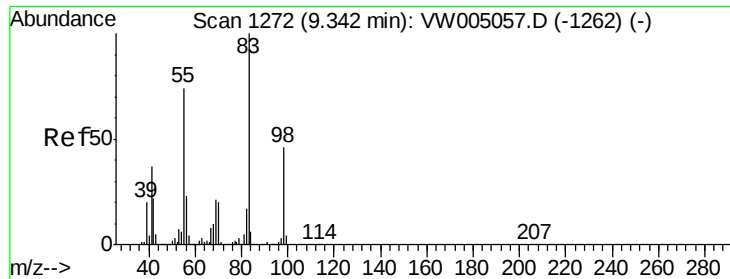
Tgt Ion: 43 Resp: 53786
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 12.4 9.4 14.2



#38
Carbon Tetrachloride
Concen: 21.374 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 117 Resp: 129545
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0
121 32.1 24.8 37.2

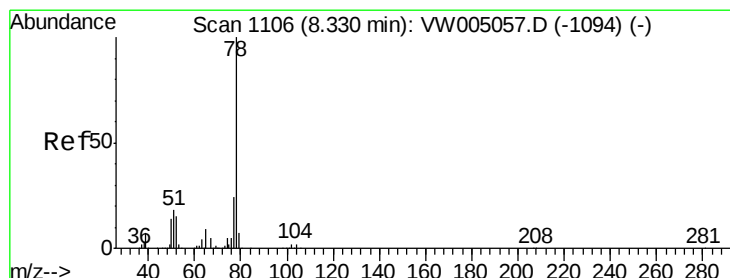
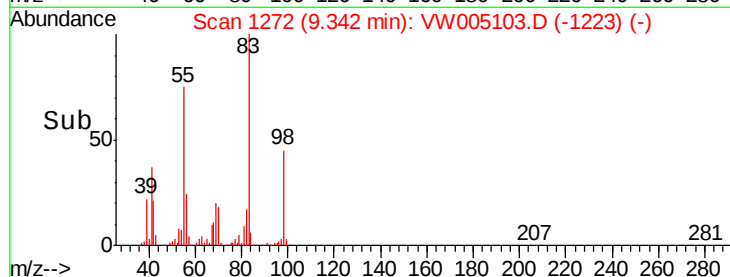
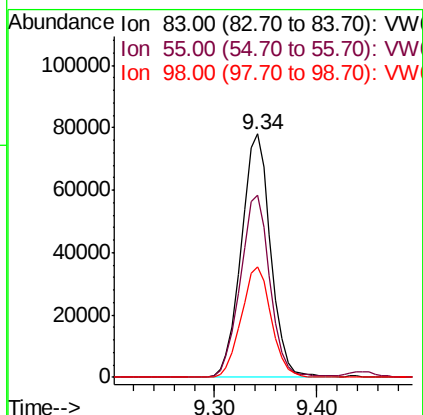
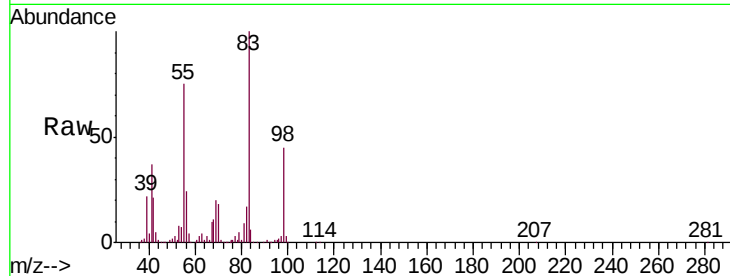




#39
Methylcyclohexane
Concen: 20.236 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

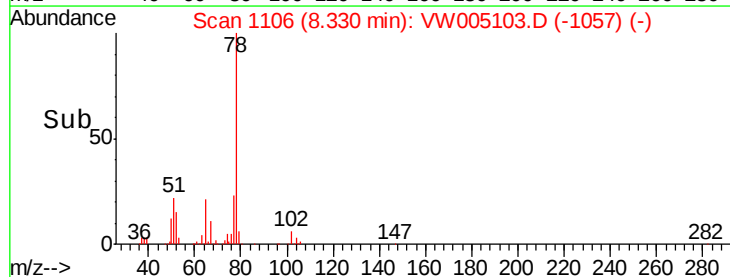
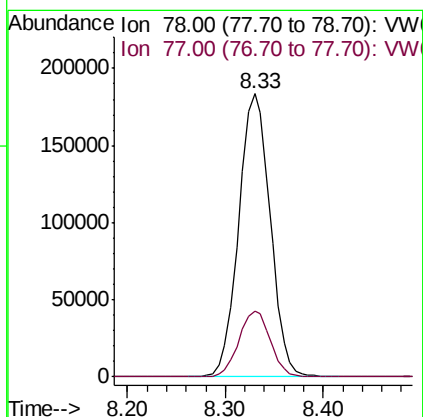
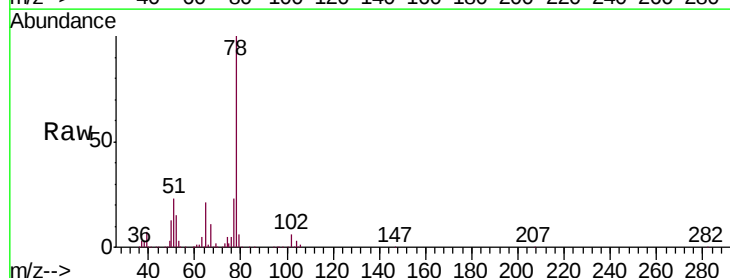
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

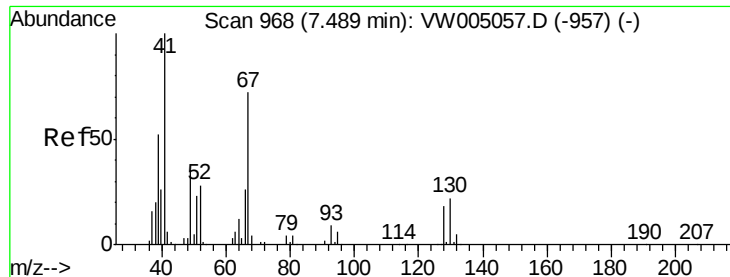
Tgt Ion: 83 Resp: 155986
Ion Ratio Lower Upper
83 100
55 75.0 58.9 88.3
98 45.4 36.8 55.2



#40
Benzene
Concen: 21.033 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 78 Resp: 410418
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

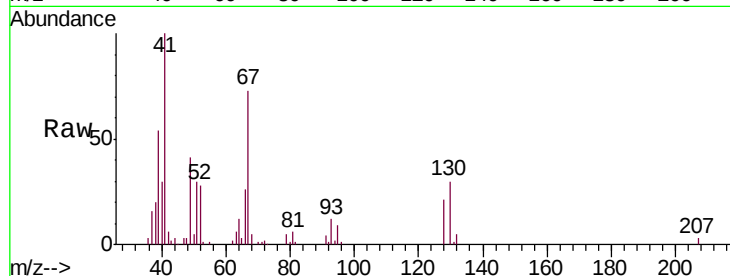




#41
Methacrylonitrile
Concen: 21.490 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tgt Ion:	41	Resp:	29681
Ion	Ratio	Lower	Upper
41	100		
39	60.6	41.8	62.8
67	80.8	60.4	90.6
52	33.3	23.8	35.8



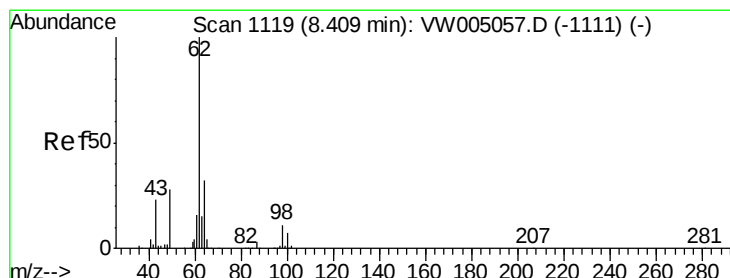
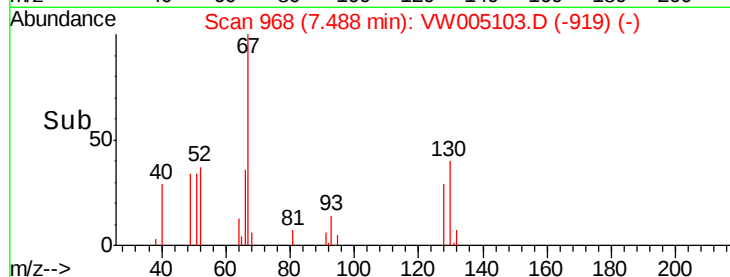
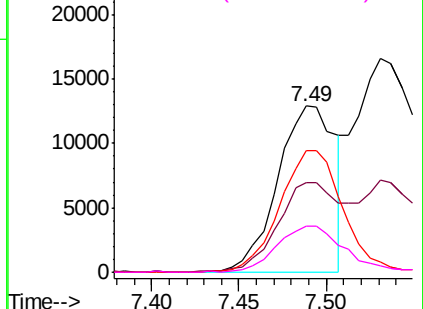
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

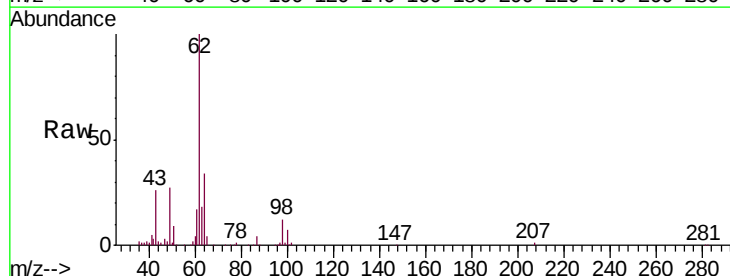
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 21.317 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

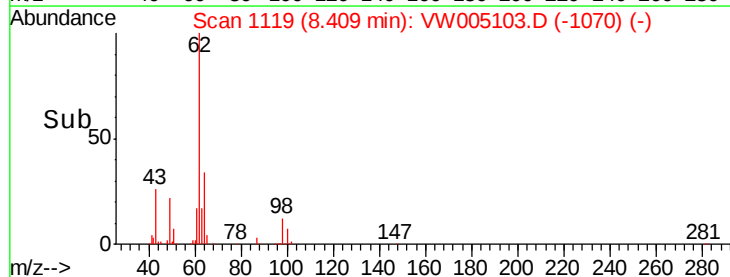
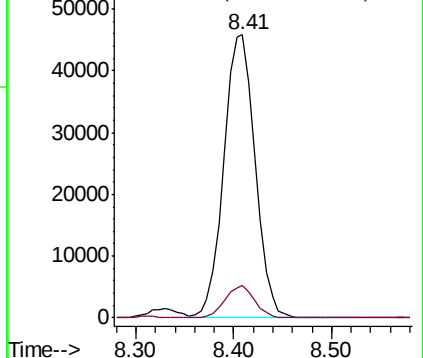
Tgt Ion:	62	Resp:	101801
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8

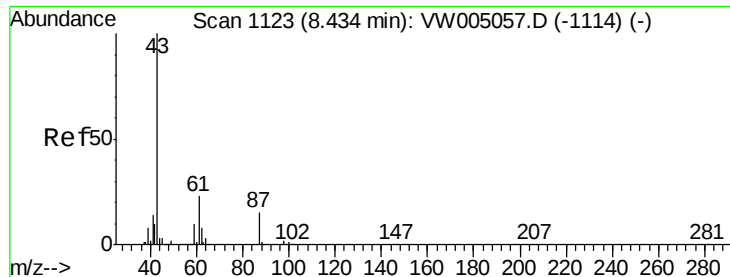


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.543 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

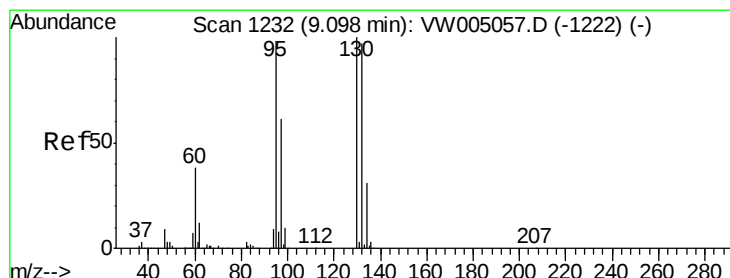
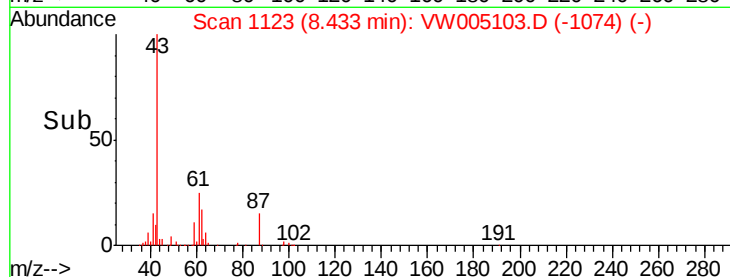
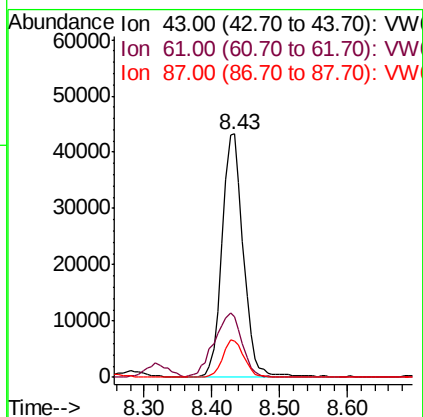
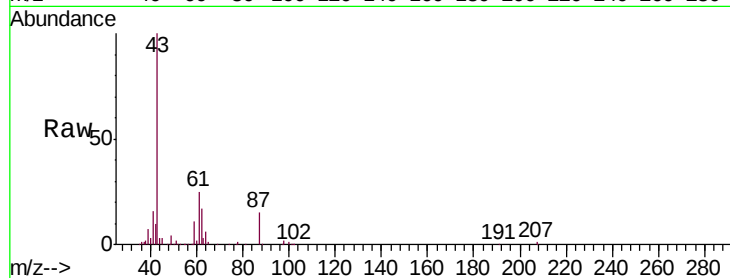
Tgt Ion: 43 Resp: 93447

Ion Ratio Lower Upper

43 100

61 34.7 26.8 40.2

87 15.4 11.6 17.4



#44

Trichloroethene

Concen: 21.622 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005103.D

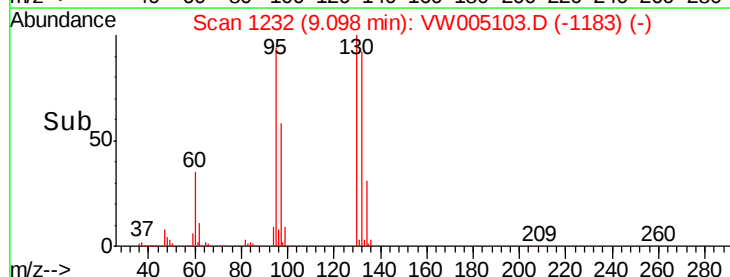
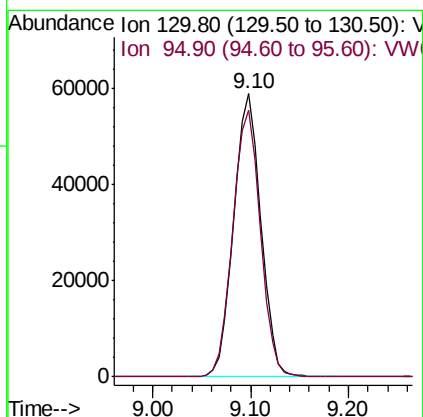
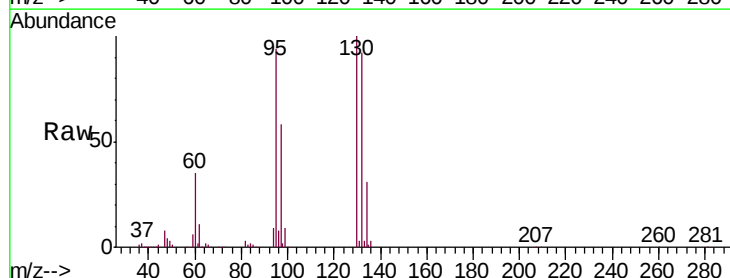
Acq: 05 Sep 2018 03:01

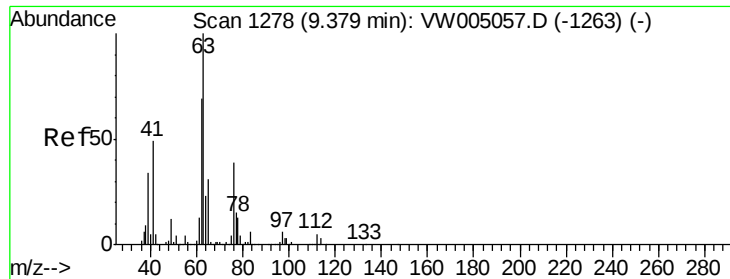
Tgt Ion: 130 Resp: 113838

Ion Ratio Lower Upper

130 100

95 94.4 0.0 195.2

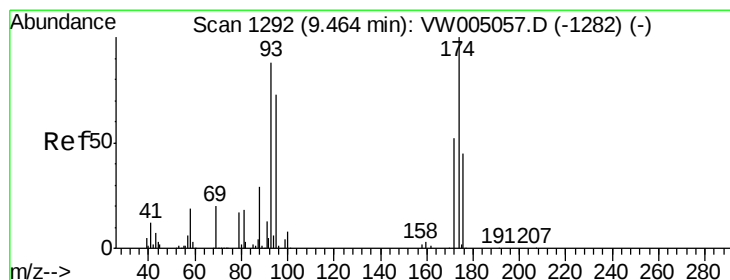
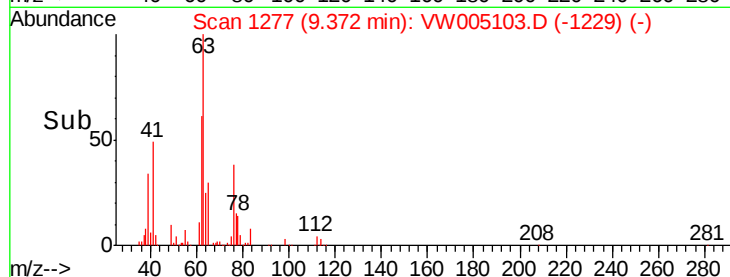
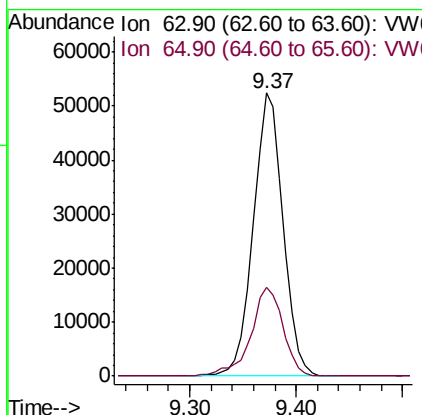
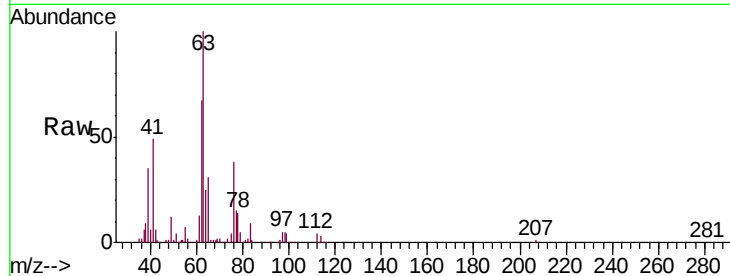




#45
 1,2-Dichloropropane
 Concen: 21.555 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

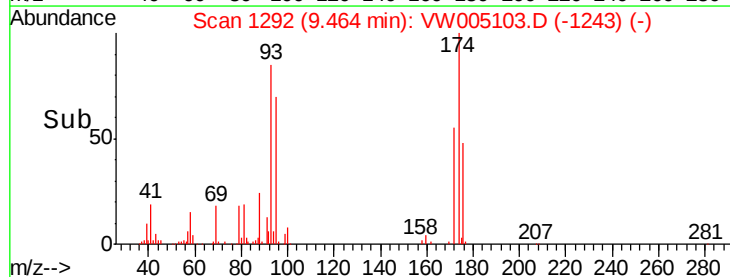
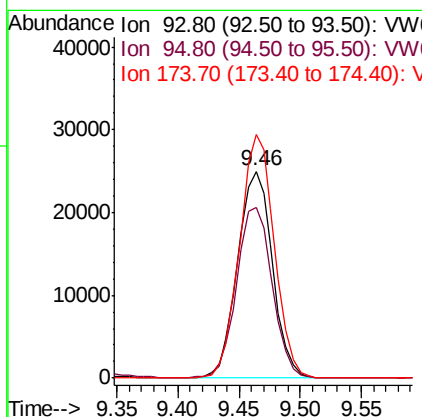
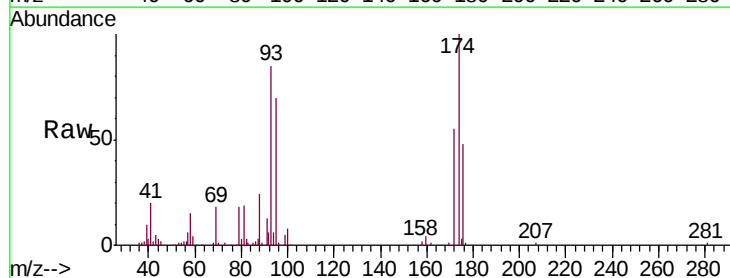
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

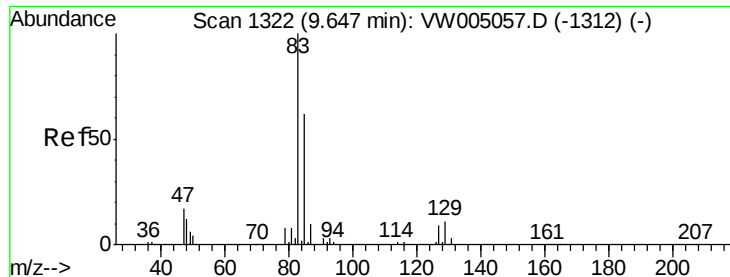
Tgt Ion: 63 Resp: 102753
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0



#46
 Dibromomethane
 Concen: 21.689 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion: 93 Resp: 49438
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.2 99.4
 174 117.1 92.0 138.0





#47

Bromodichloromethane

Concen: 21.694 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

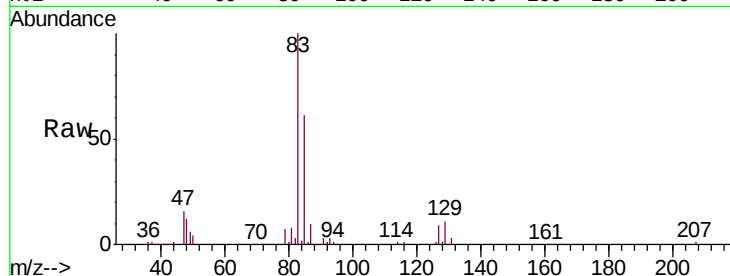
Tgt Ion: 83 Resp: 124516

Ion Ratio Lower Upper

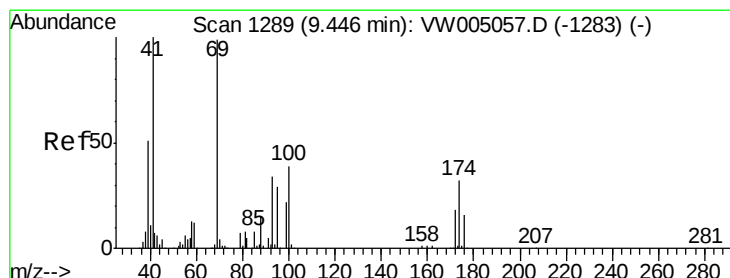
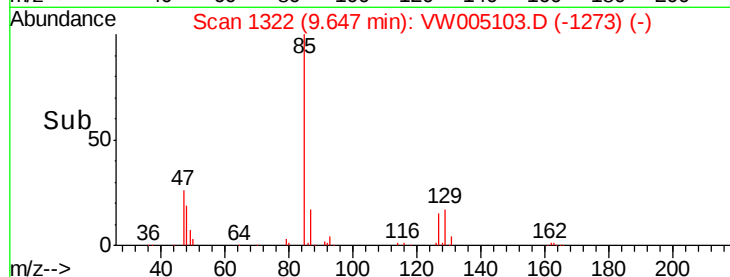
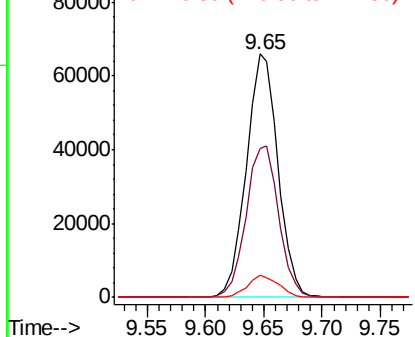
83 100

85 61.4 49.8 74.6

127 9.1 7.0 10.4



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: 21.389 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

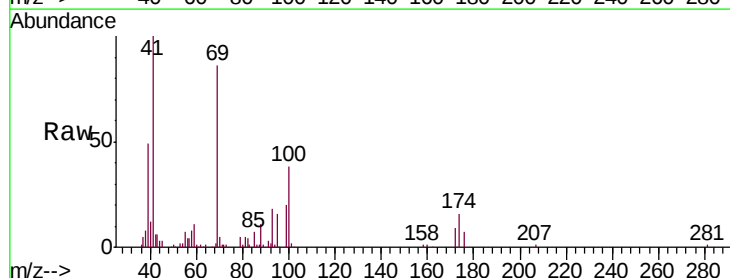
Tgt Ion: 41 Resp: 44674

Ion Ratio Lower Upper

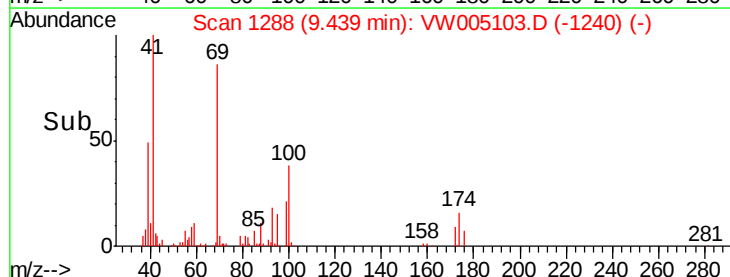
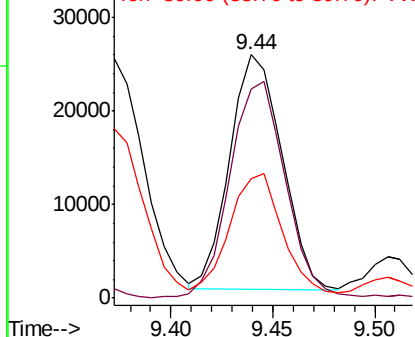
41 100

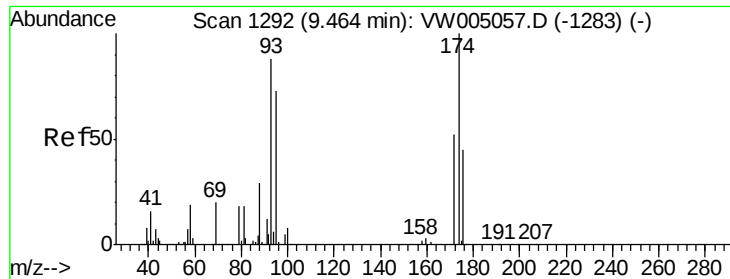
69 97.4 80.4 120.6

39 55.5 43.5 65.3



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

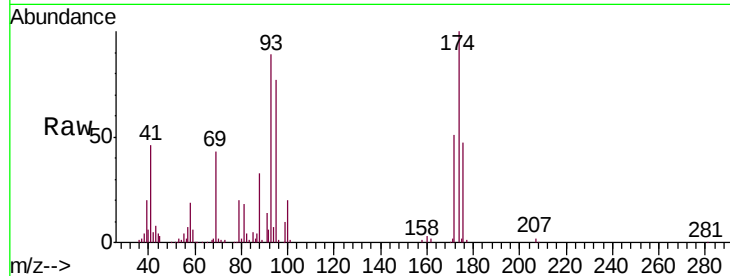




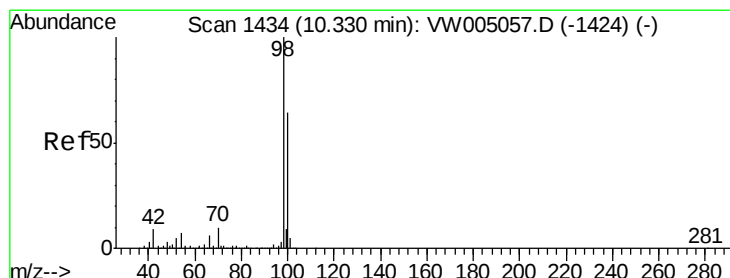
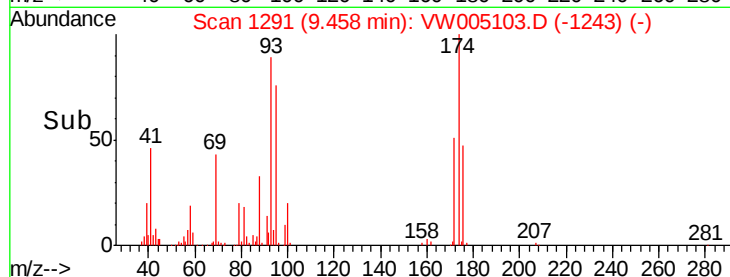
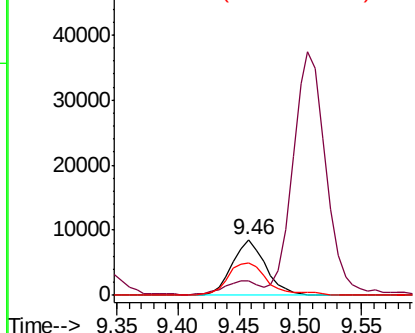
#49
 1,4-Dioxane
 Concen: 438.497 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tgt Ion: 88 Resp: 16164
 Ion Ratio Lower Upper
 88 100
 43 25.9 19.8 29.6
 58 69.6 57.1 85.7

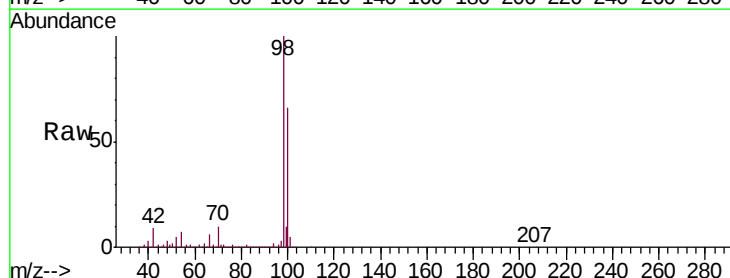


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

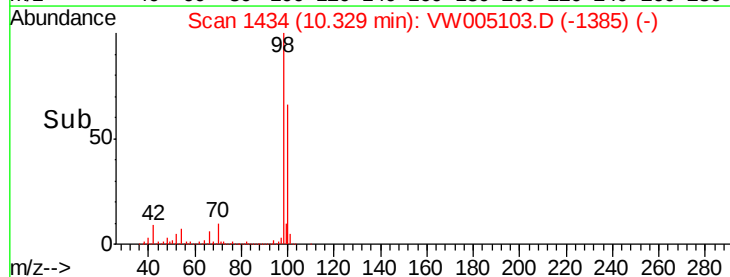
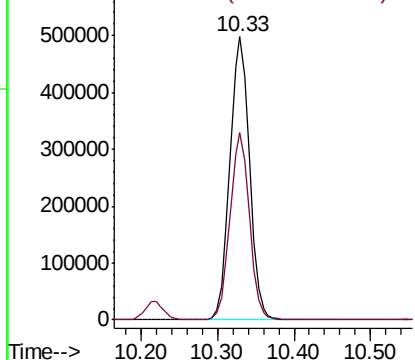


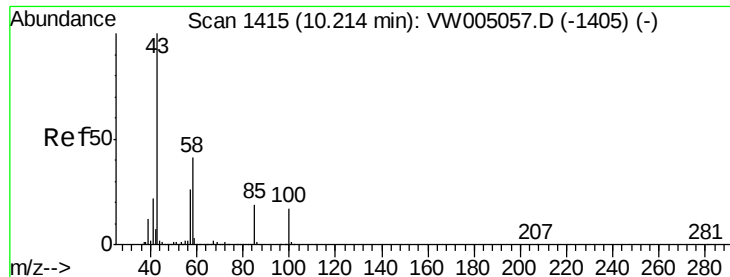
#50
 Toluene-d8
 Concen: 49.484 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion: 98 Resp: 881858
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5



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

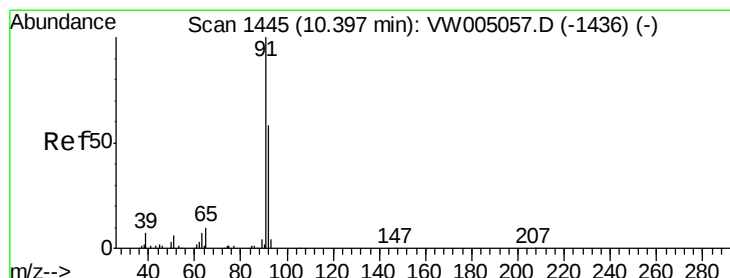
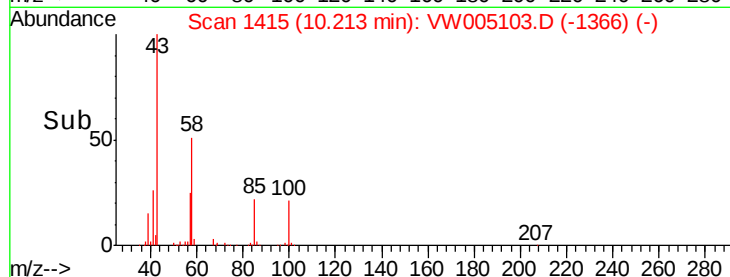
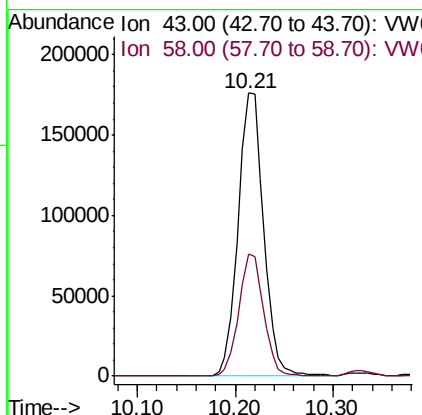
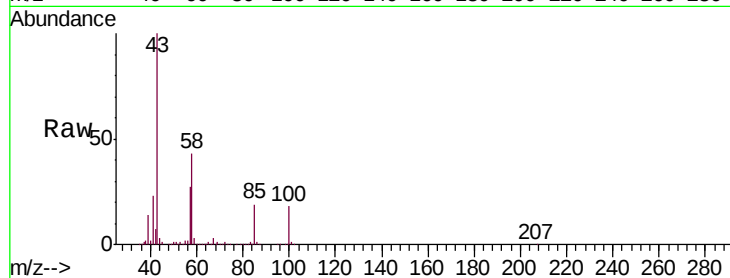




#51
 4-Methyl-2-Pentanone
 Concen: 110.427 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

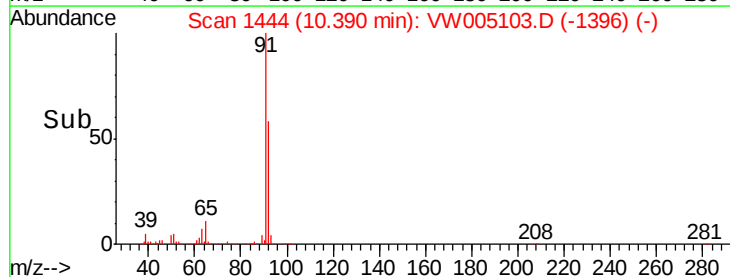
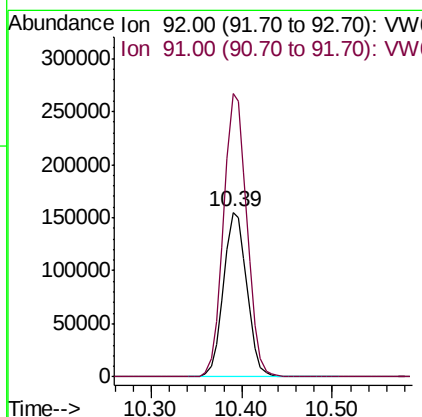
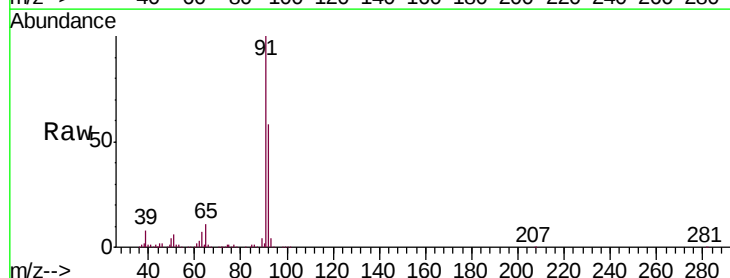
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

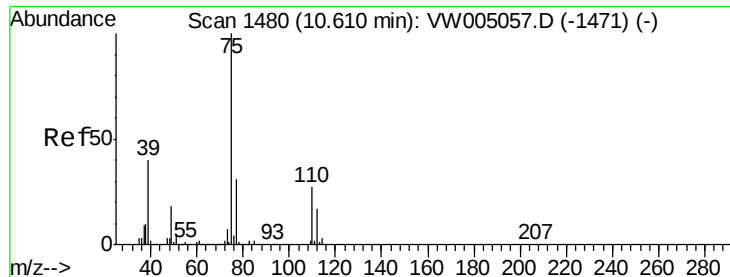
Tgt Ion: 43 Resp: 321026
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.3 49.9



#52
 Toluene
 Concen: 21.004 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion: 92 Resp: 277710
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.293 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

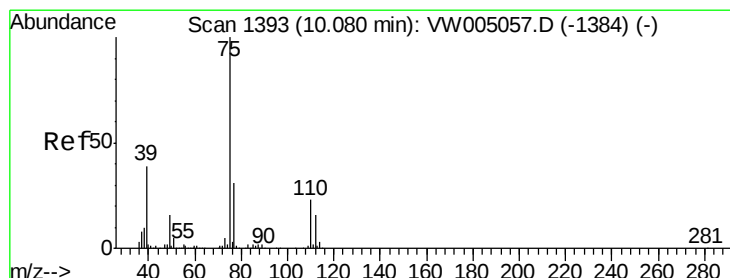
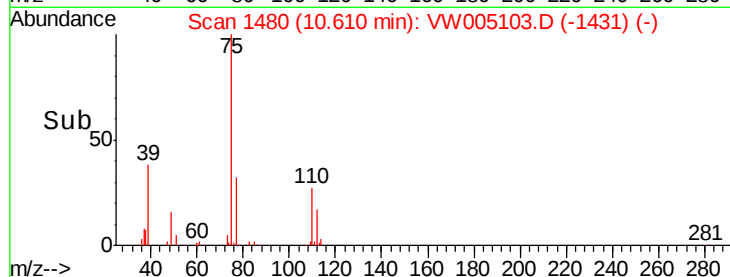
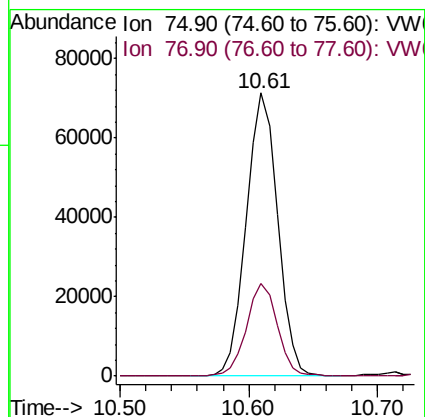
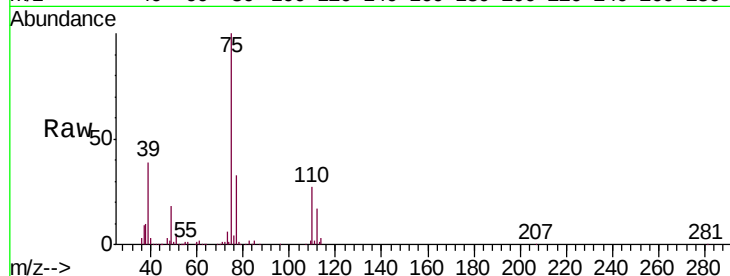
VW0904SBS02

Tgt Ion: 75 Resp: 120090

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.227 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

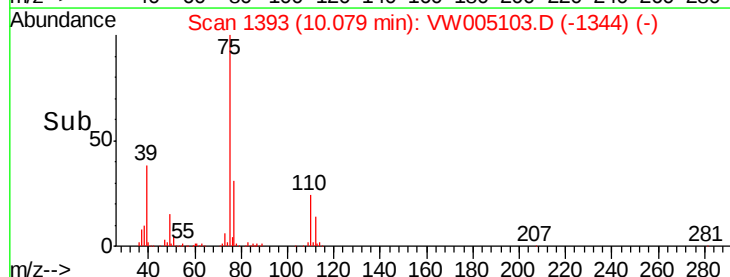
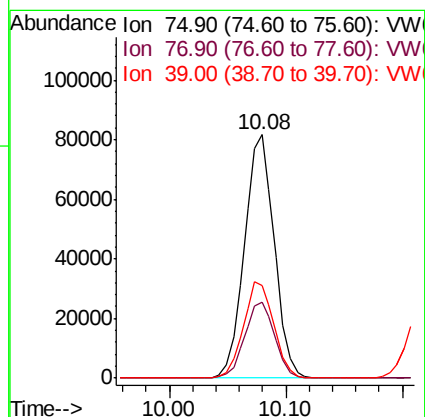
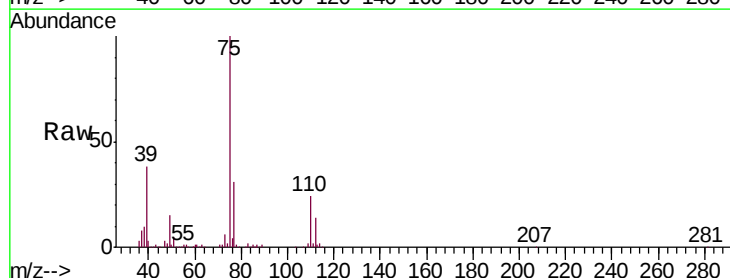
Tgt Ion: 75 Resp: 145591

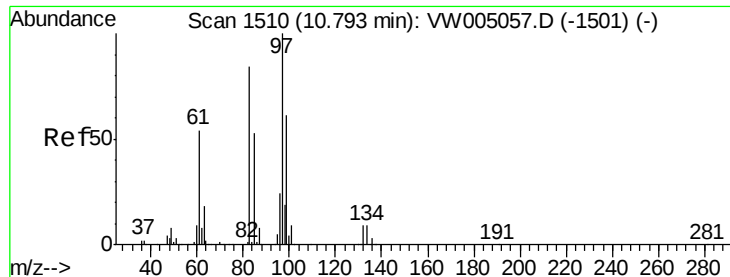
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 38.0 31.0 46.6

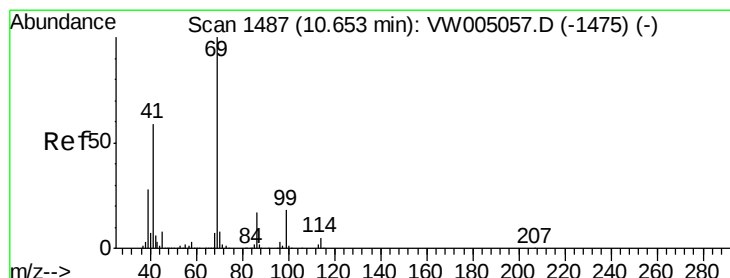
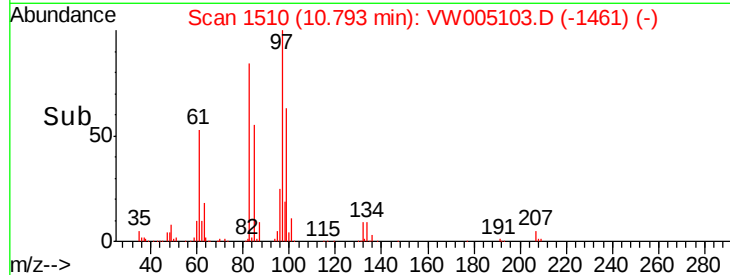
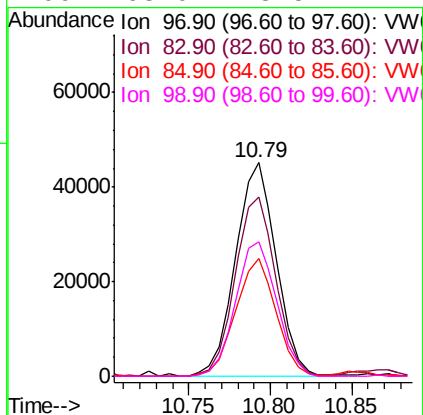
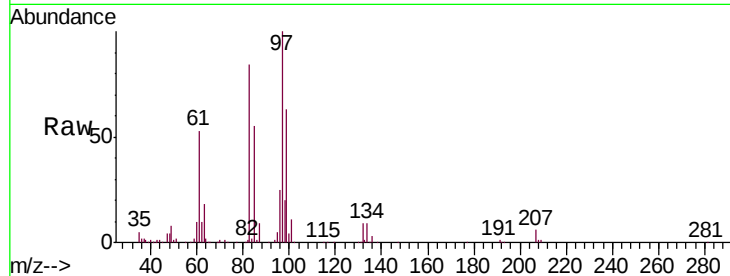




#55
 1,1,2-Trichloroethane
 Concen: 22.222 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

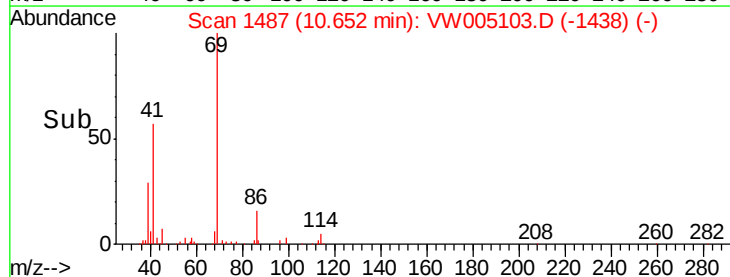
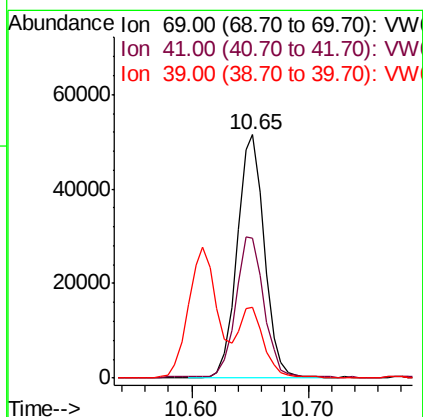
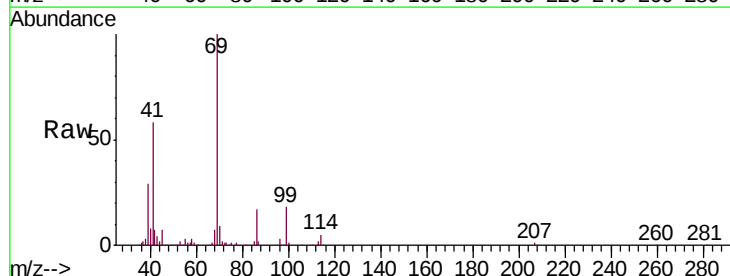
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

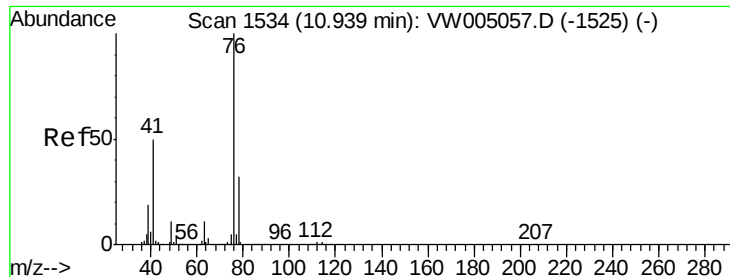
Tgt Ion:	97	Resp:	78426
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.0	100.6
85	55.0	42.3	63.5
99	63.0	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 20.844 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion:	69	Resp:	83927
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.8	71.6
39	26.6	21.1	31.7





#57

1,3-Dichloropropane

Concen: 21.980 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

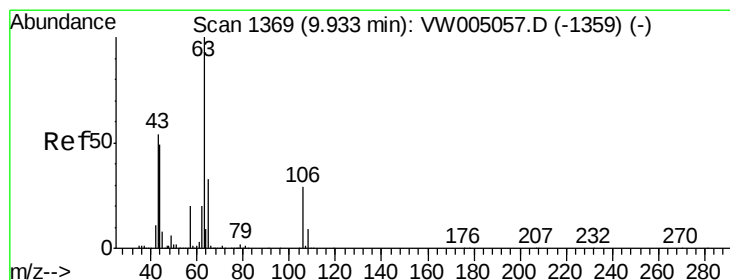
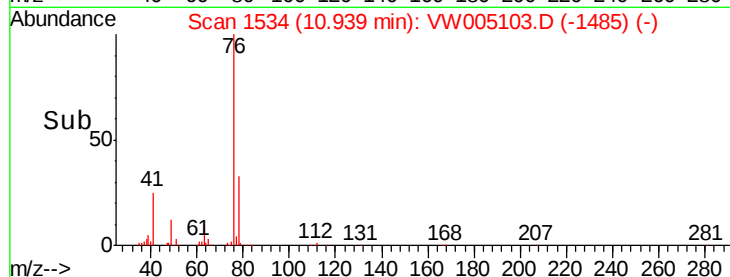
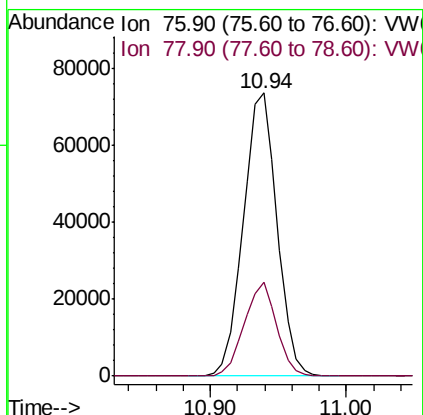
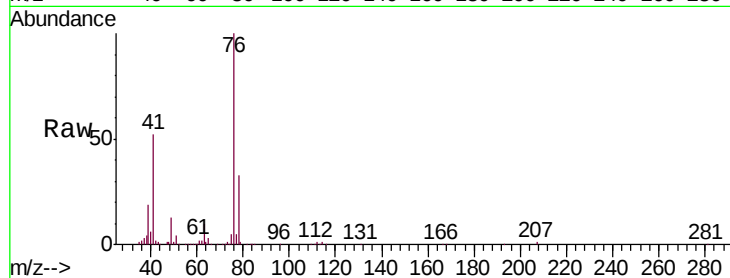
VW0904SBS02

Tgt Ion: 76 Resp: 127707

Ion Ratio Lower Upper

76 100

78 31.9 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 104.091 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW005103.D

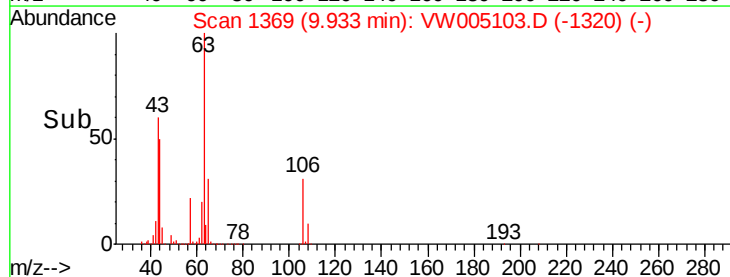
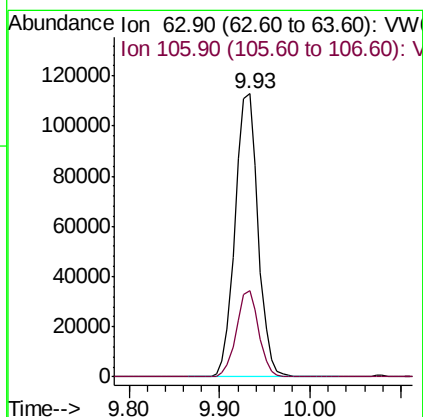
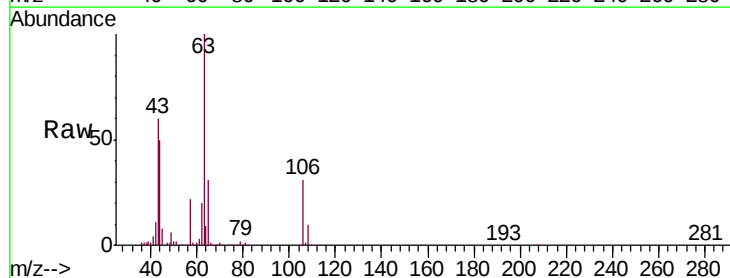
Acq: 05 Sep 2018 03:01

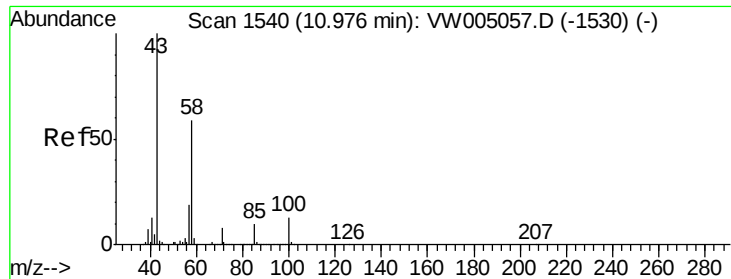
Tgt Ion: 63 Resp: 198596

Ion Ratio Lower Upper

63 100

106 29.6 23.1 34.7

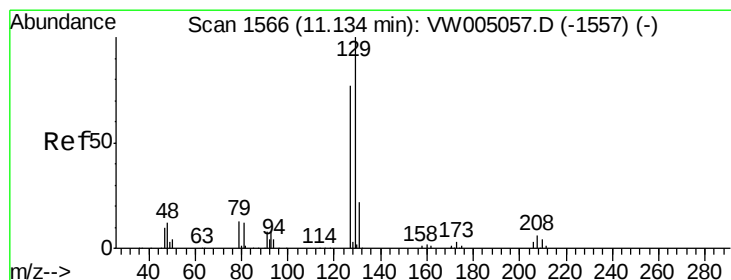
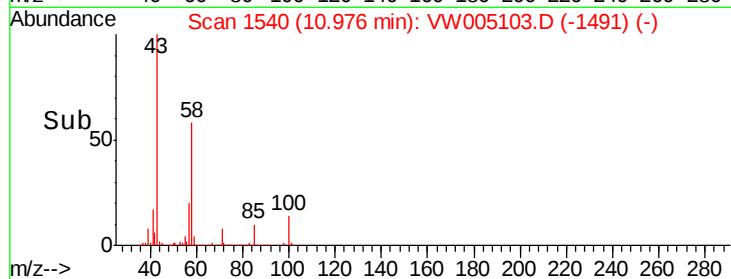
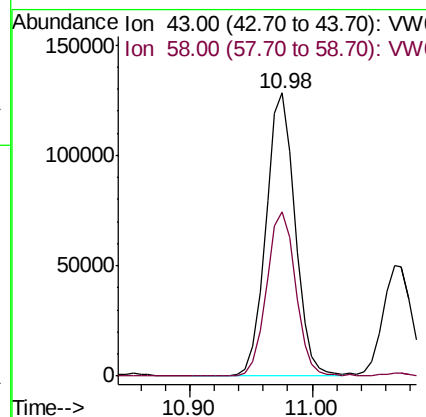
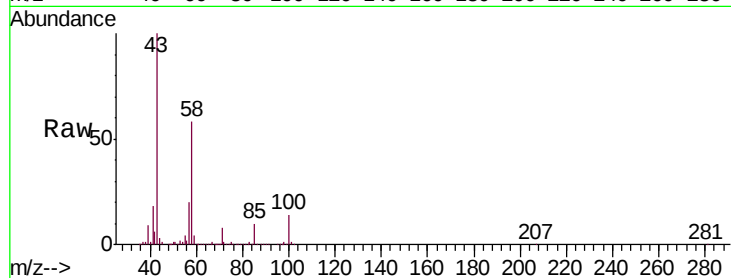




#59
2-Hexanone
Concen: 108.324 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

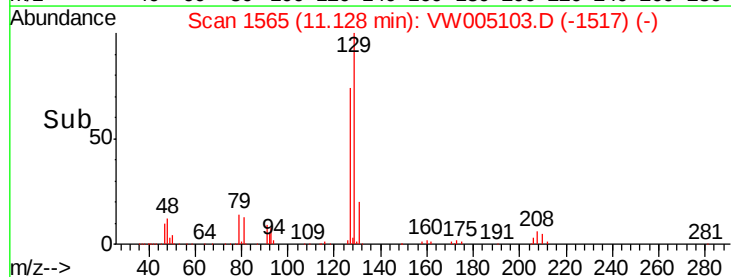
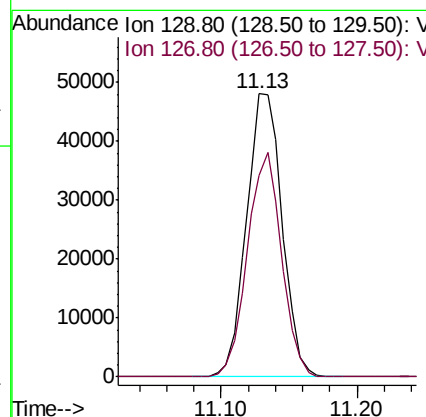
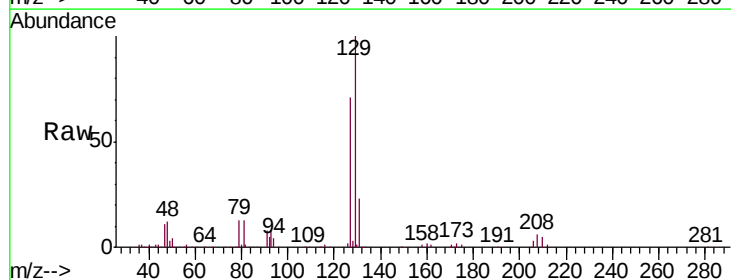
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

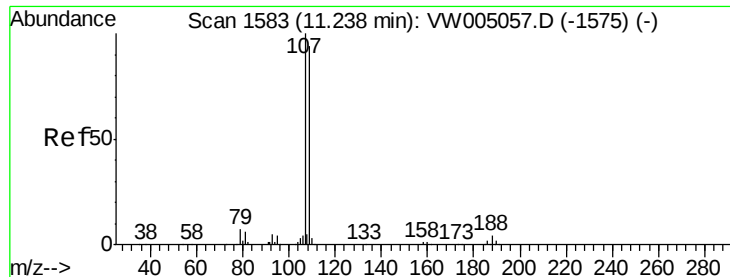
Tgt Ion: 43 Resp: 212993
Ion Ratio Lower Upper
43 100
58 58.0 28.7 86.3



#60
Dibromochloromethane
Concen: 22.098 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 129 Resp: 88168
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7

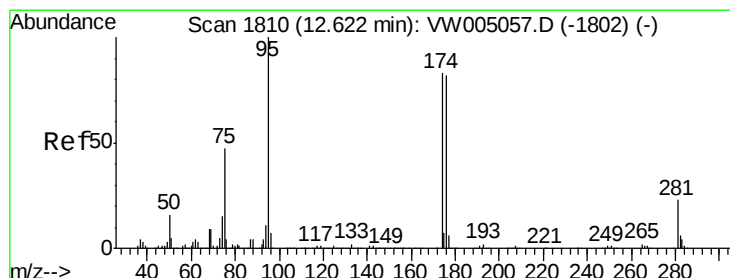
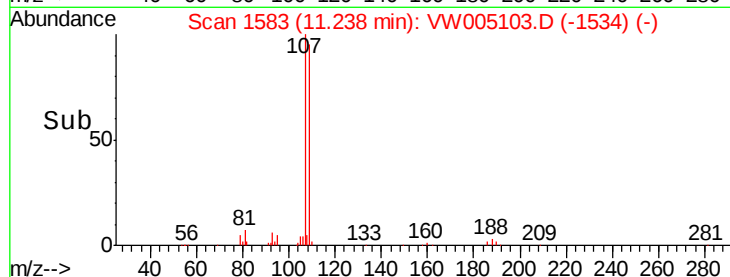
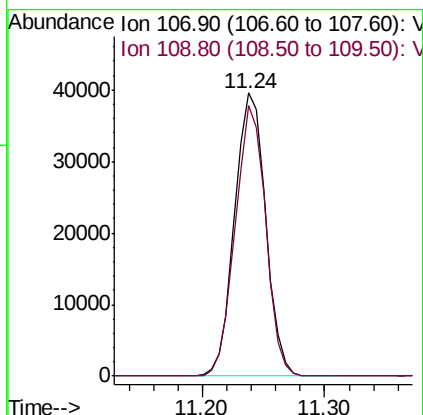
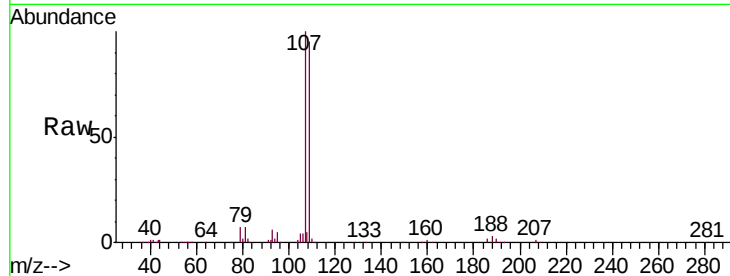




#61
 1,2-Dibromoethane
 Concen: 21.865 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

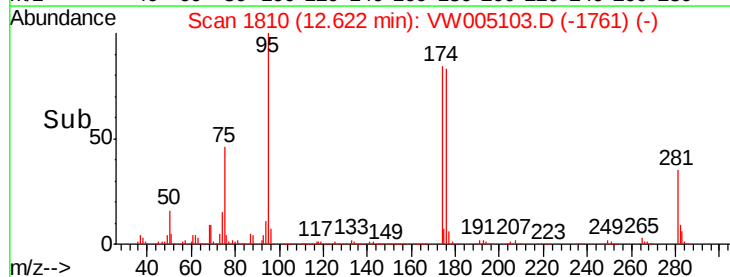
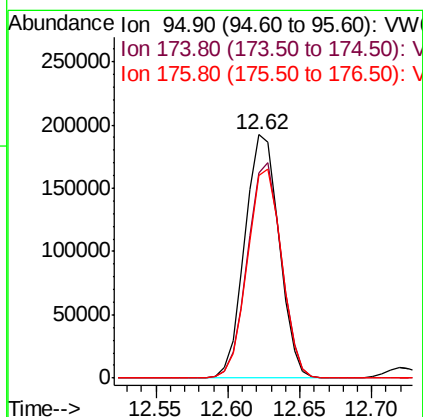
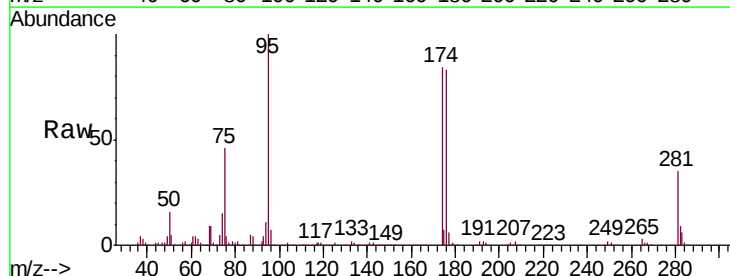
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

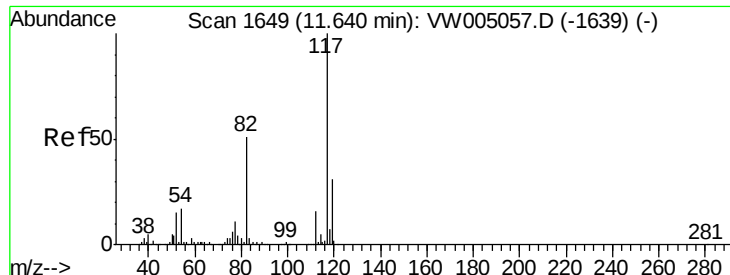
Tgt Ion: 107 Resp: 69670
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.512 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion: 95 Resp: 317413
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 173.4
 176 85.7 0.0 167.4

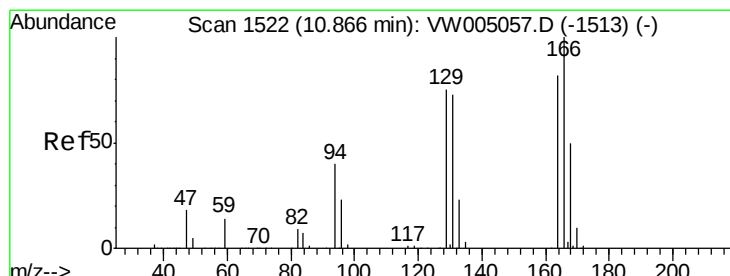
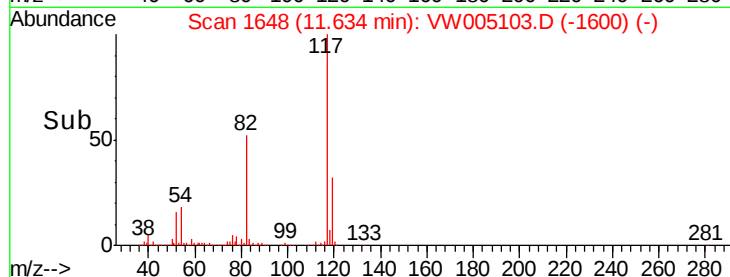
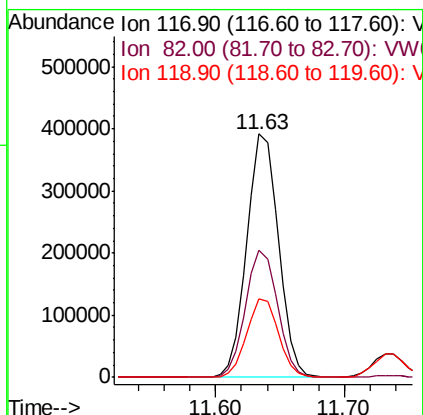
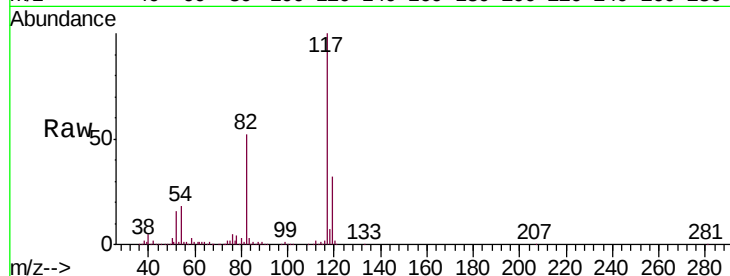




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

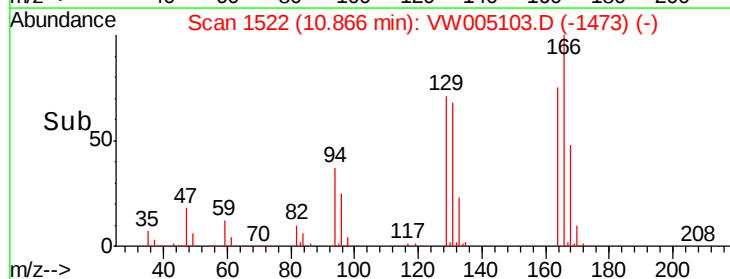
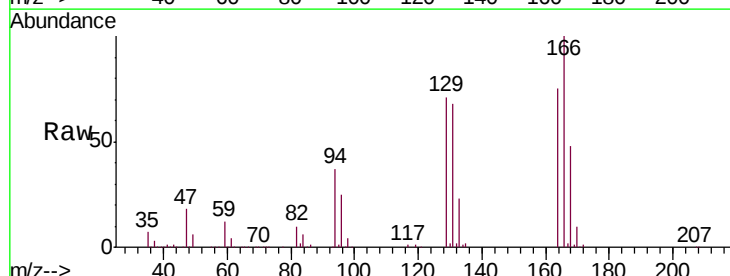
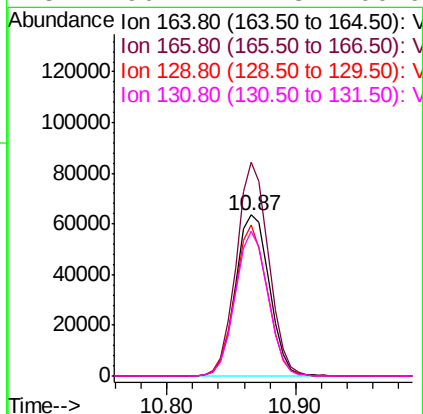
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

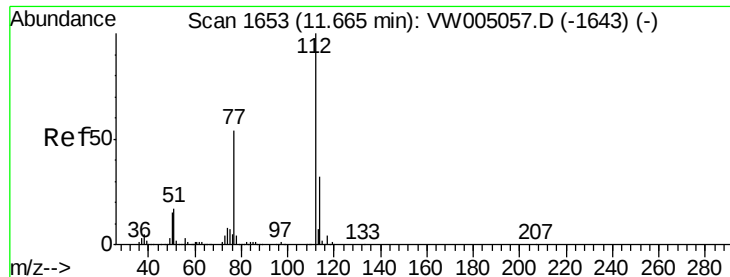
Tgt Ion:117 Resp: 664512
Ion Ratio Lower Upper
117 100
82 52.1 40.9 61.3
119 32.1 24.9 37.3



#64
Tetrachloroethene
Concen: 22.200 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion:164 Resp: 115749
Ion Ratio Lower Upper
164 100
166 132.7 97.3 145.9
129 94.1 73.1 109.7
131 90.1 71.3 106.9

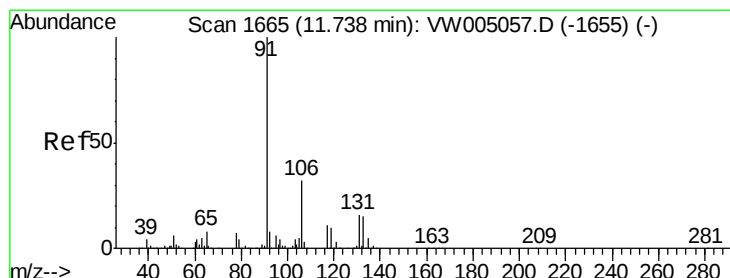
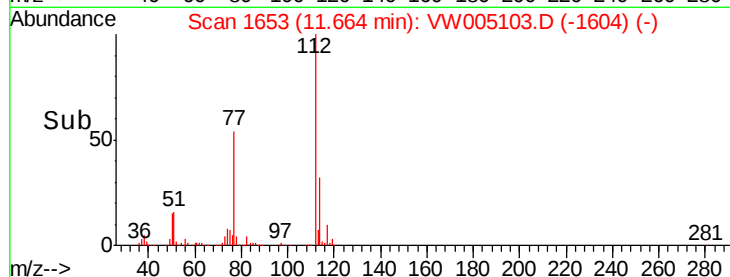
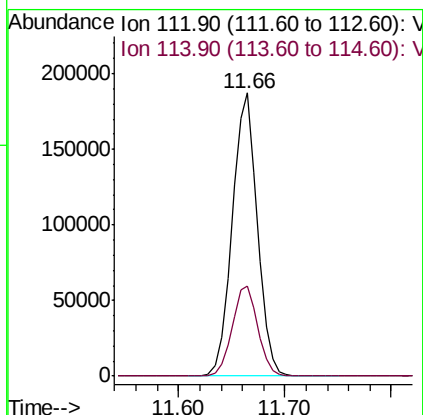
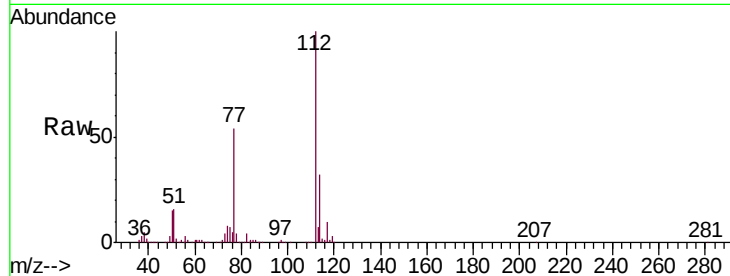




#65
Chlorobenzene
Concen: 20.607 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

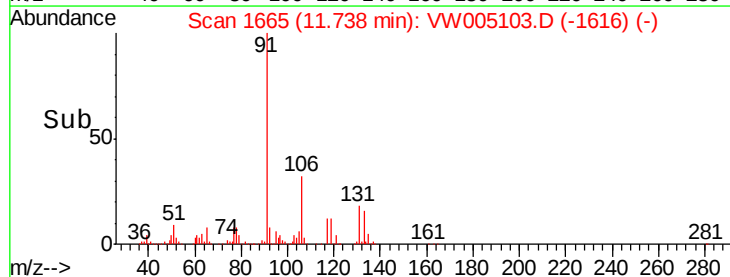
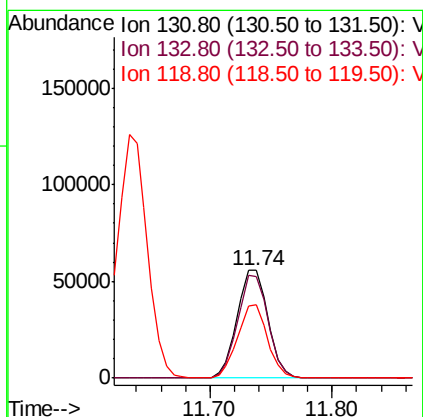
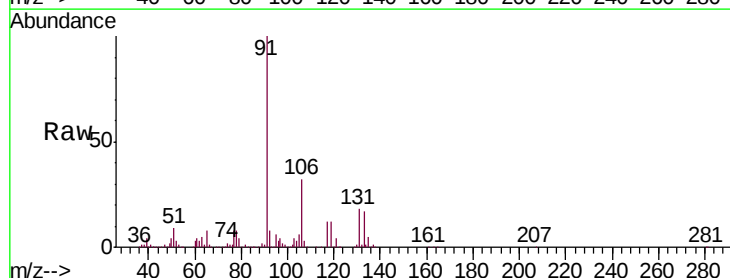
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

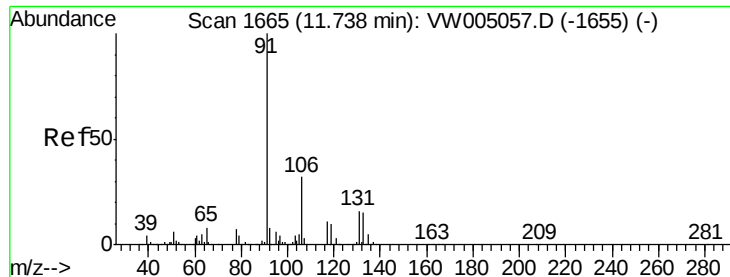
Tgt Ion:112 Resp: 308280
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.345 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion:131 Resp: 97579
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.3
119 66.7 33.4 100.1

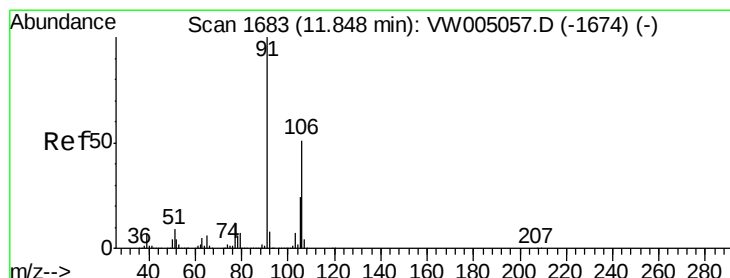
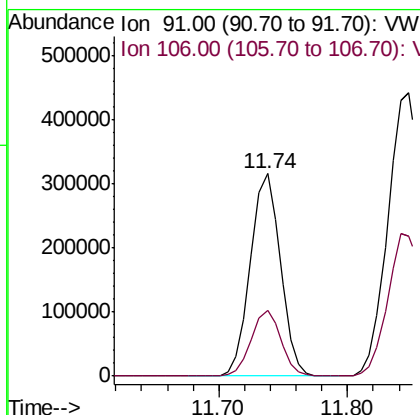
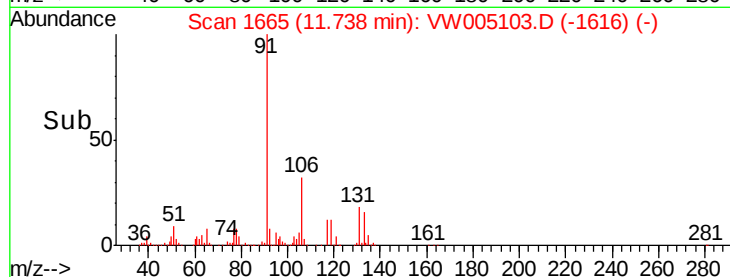
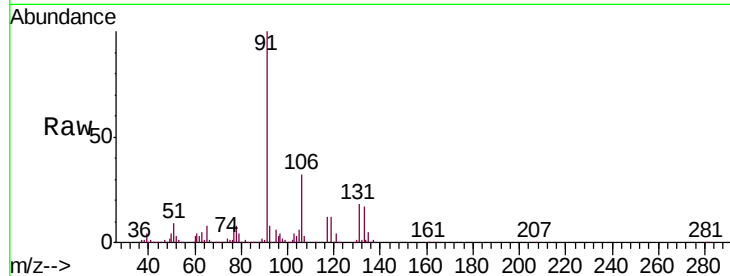




#67
Ethyl Benzene
Concen: 20.097 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

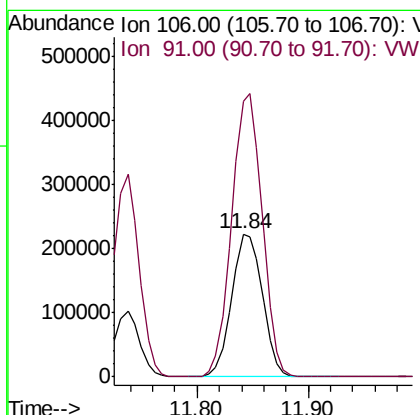
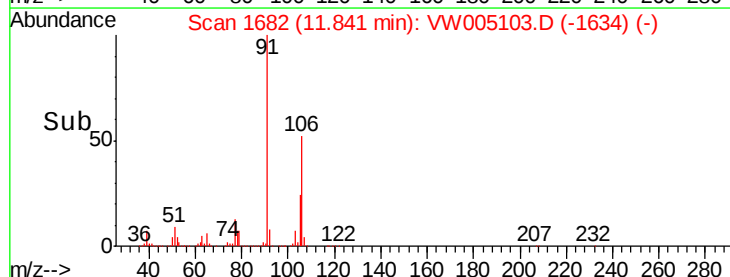
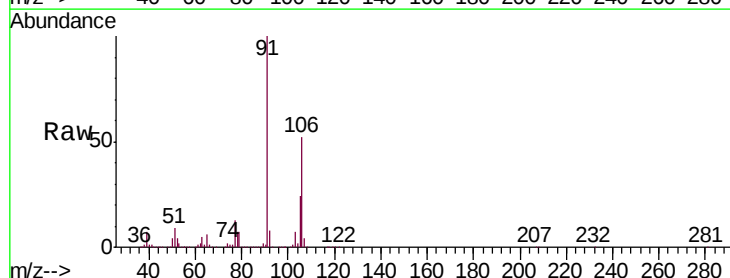
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

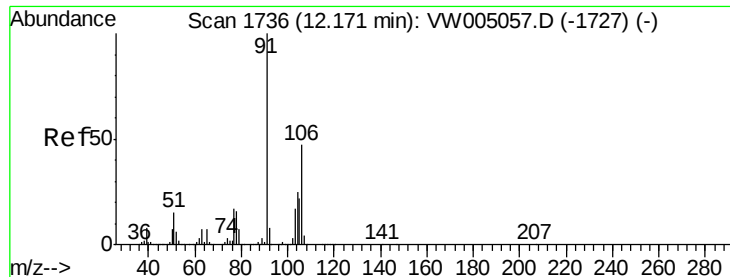
Tgt Ion: 91 Resp: 508263
Ion Ratio Lower Upper
91 100
106 32.4 25.3 37.9



#68
m/p-Xylenes
Concen: 41.983 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 106 Resp: 425121
Ion Ratio Lower Upper
106 100
91 196.8 158.4 237.6

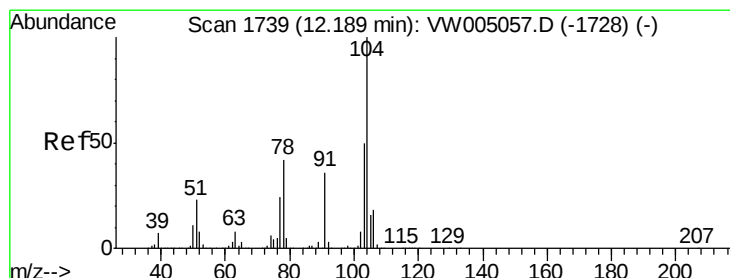
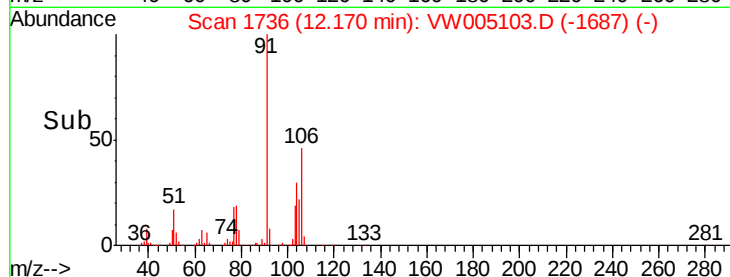
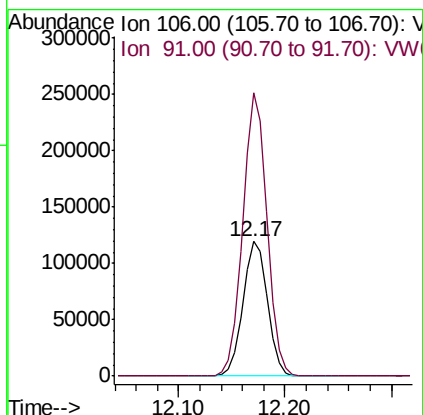
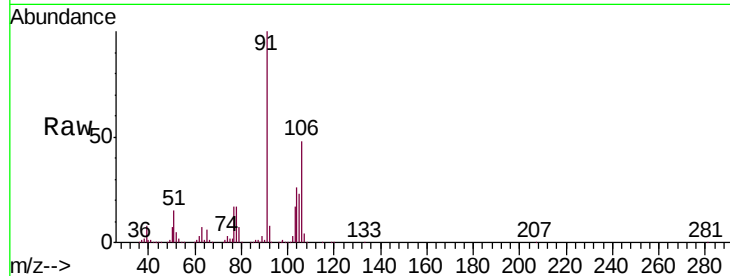




#69
o-Xylene
Concen: 20.649 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

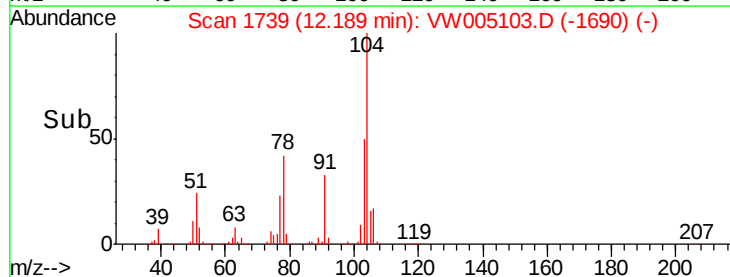
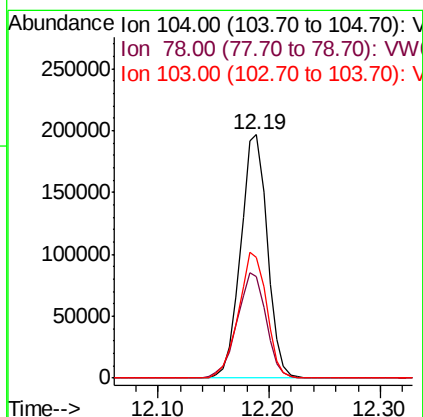
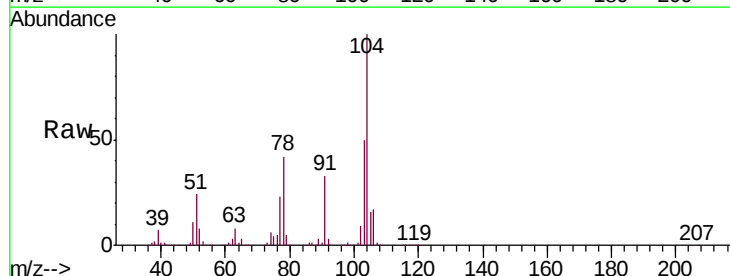
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

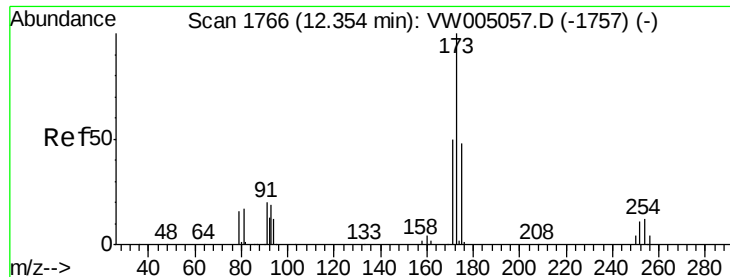
Tgt Ion:106 Resp: 193322
Ion Ratio Lower Upper
106 100
91 207.6 105.6 316.8



#70
Styrene
Concen: 21.099 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion:104 Resp: 326293
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 22.628 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

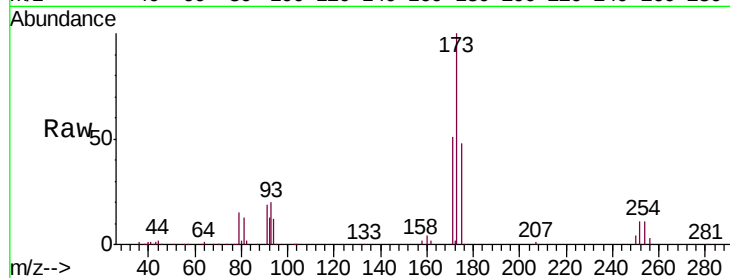
Tgt Ion:173 Resp: 54825

Ion Ratio Lower Upper

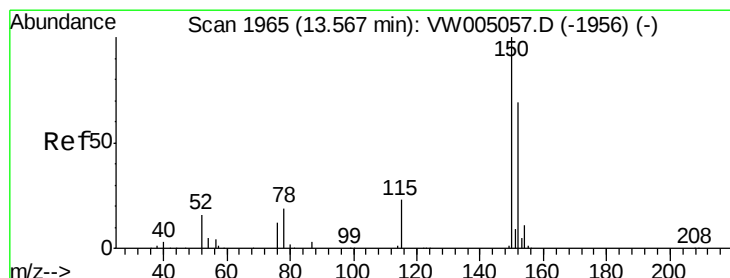
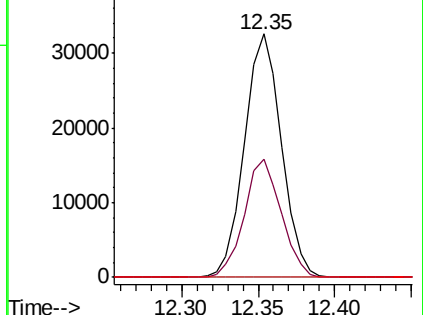
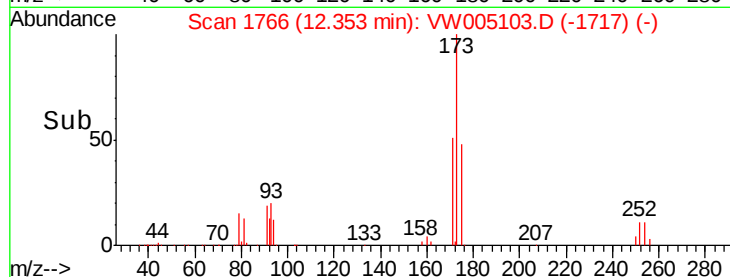
173 100

175 48.3 24.1 72.2

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

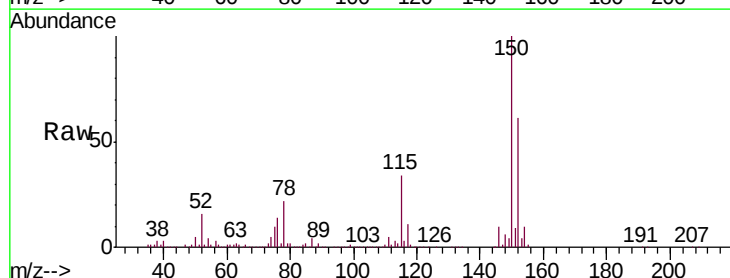
Tgt Ion:152 Resp: 364095

Ion Ratio Lower Upper

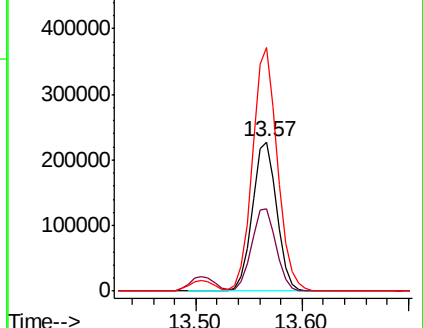
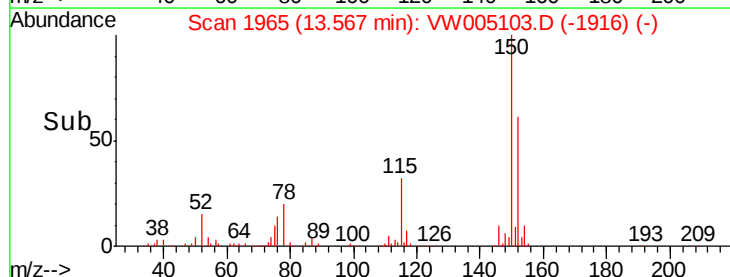
152 100

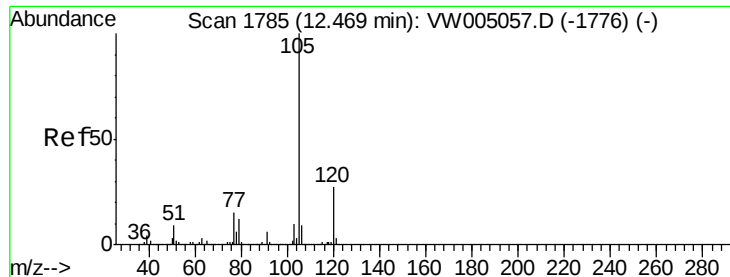
115 55.9 27.8 83.4

150 166.6 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.059 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

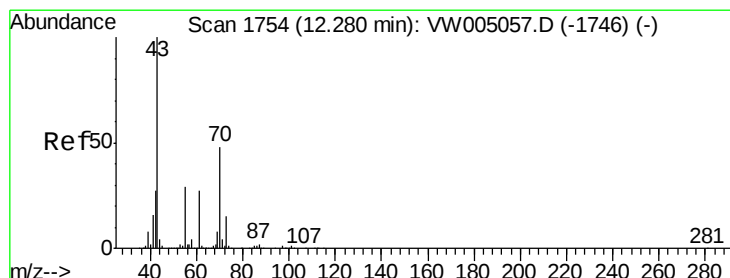
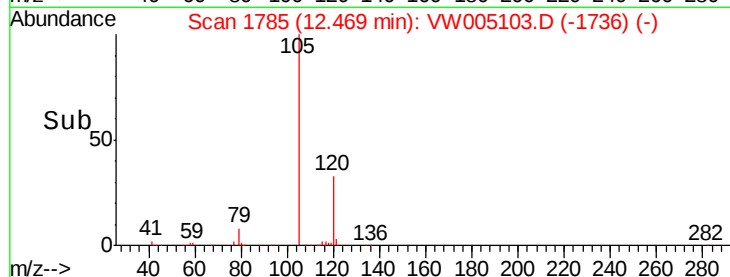
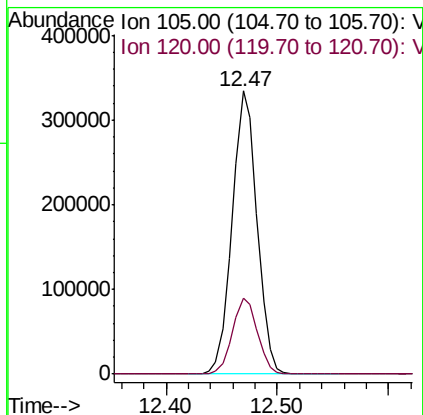
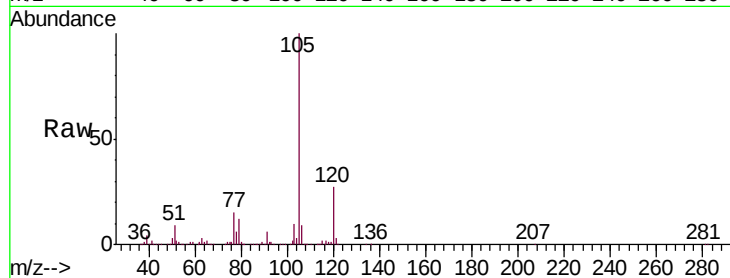
VW0904SBS02

Tgt Ion:105 Resp: 514957

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 20.410 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Tgt Ion: 43 Resp: 90222

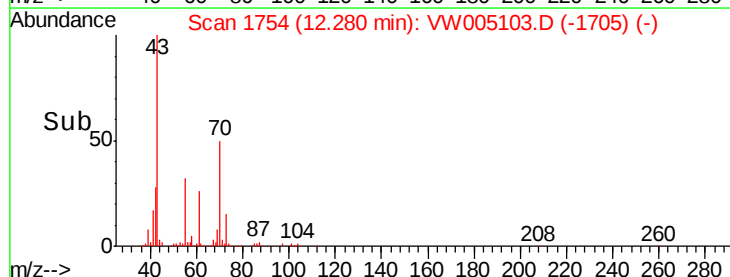
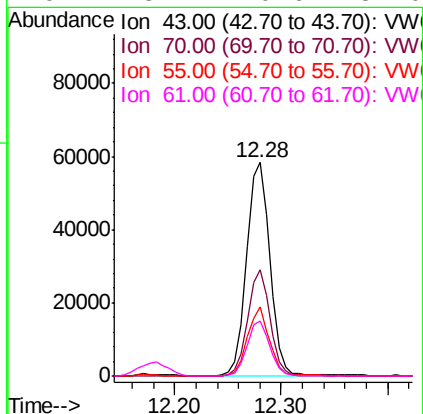
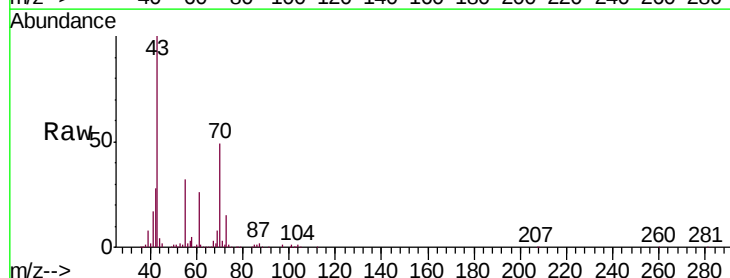
Ion Ratio Lower Upper

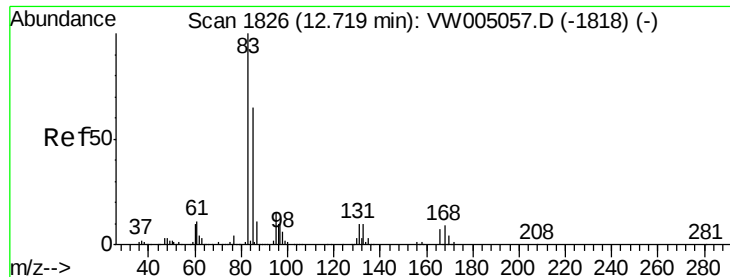
43 100

70 47.2 38.2 57.4

55 30.5 23.2 34.8

61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.586 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

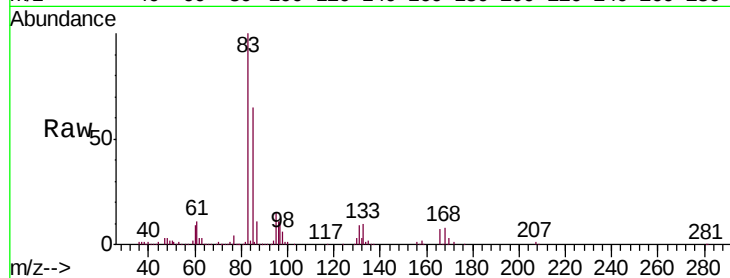
Tgt Ion: 83 Resp: 84363

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

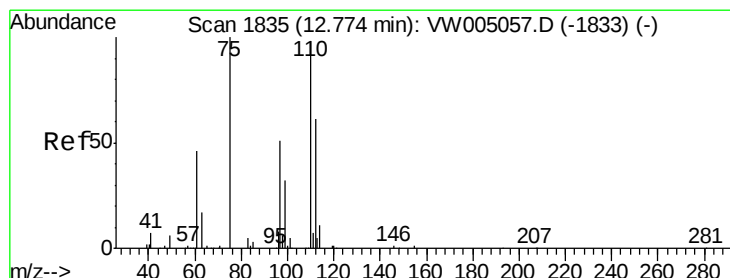
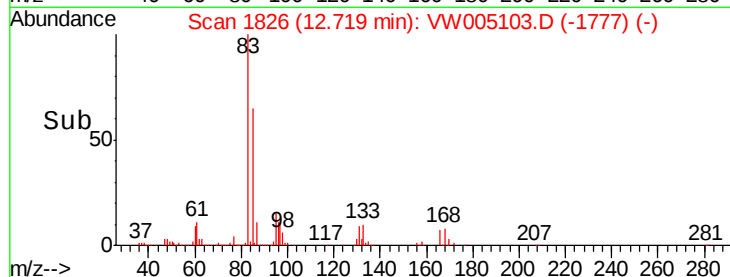
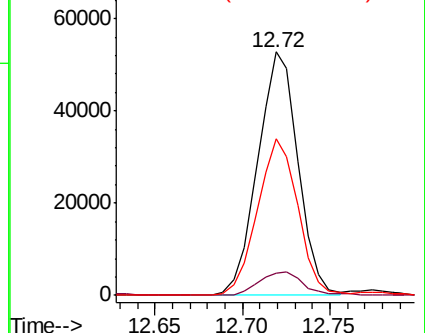
85 64.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 39.495 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW005103.D

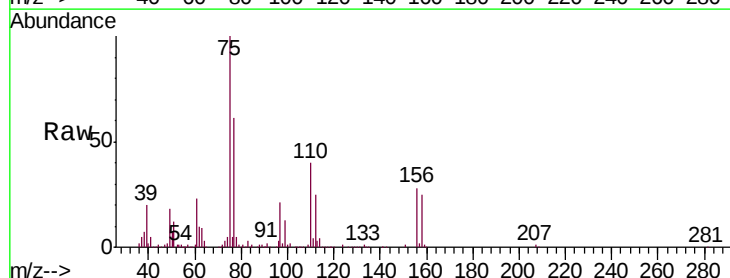
Acq: 05 Sep 2018 03:01

Tgt Ion: 75 Resp: 107939

Ion Ratio Lower Upper

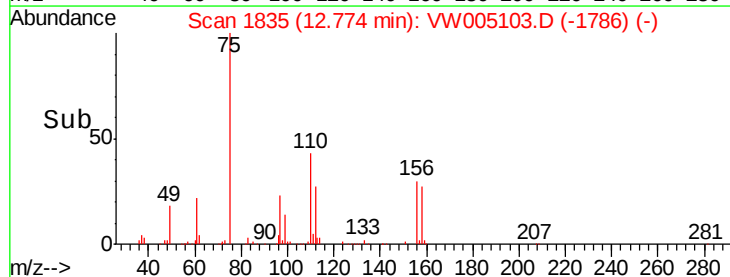
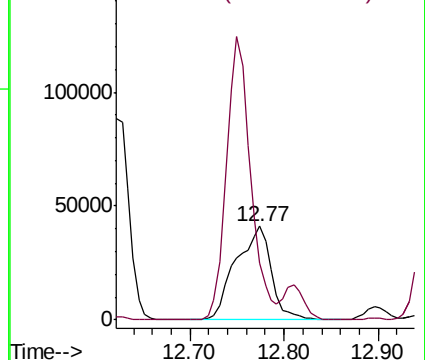
75 100

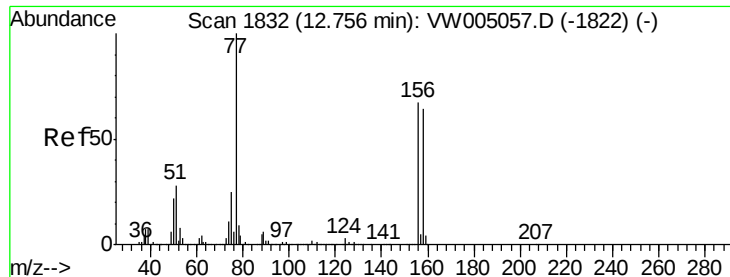
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.639 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

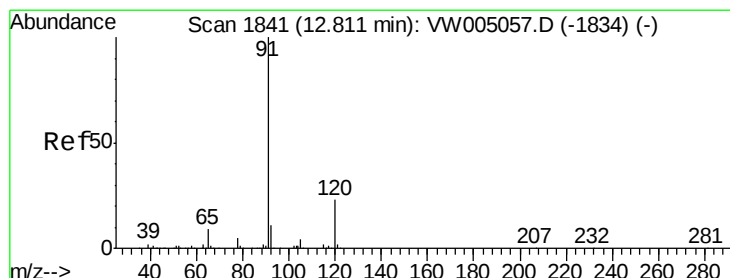
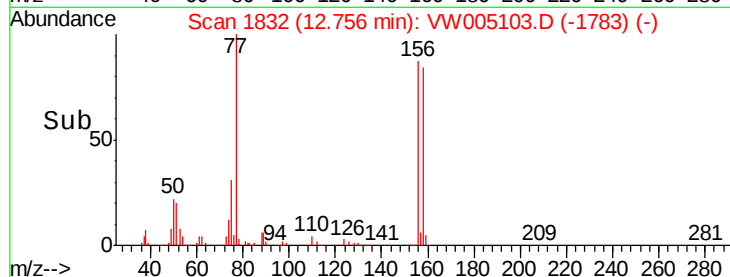
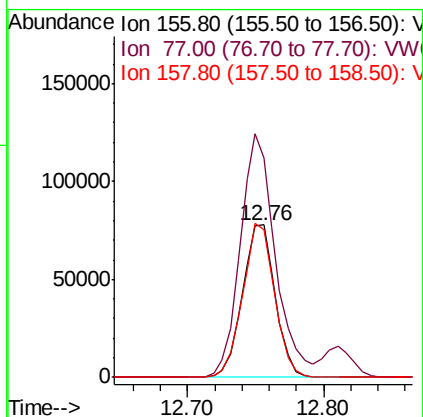
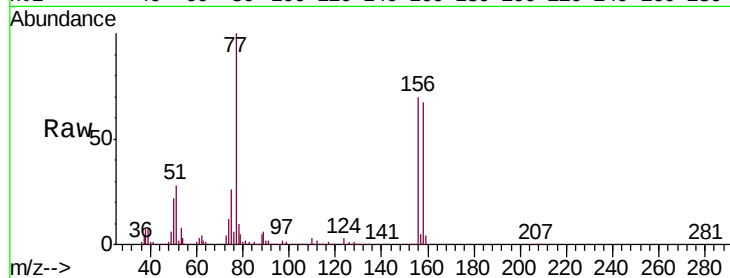
Tgt Ion:156 Resp: 130559

Ion Ratio Lower Upper

156 100

77 170.8 85.8 257.4

158 98.5 48.1 144.4



#78

n-propylbenzene

Concen: 20.318 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW005103.D

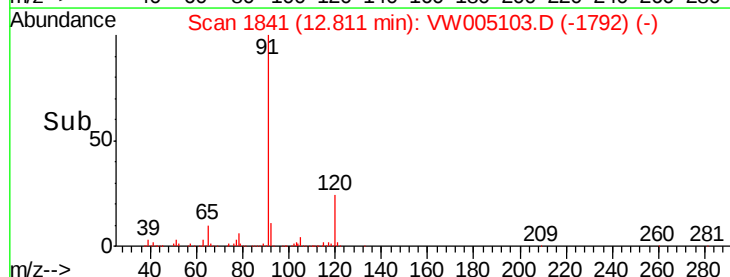
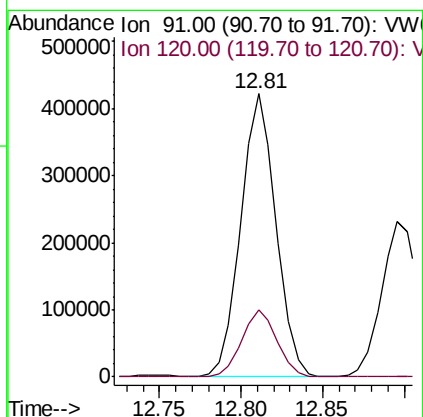
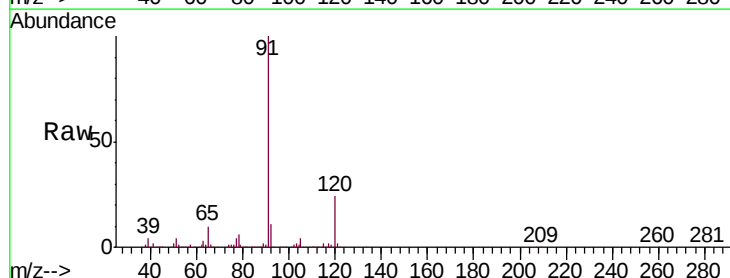
Acq: 05 Sep 2018 03:01

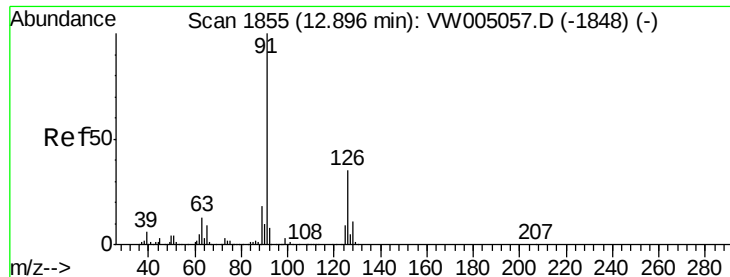
Tgt Ion: 91 Resp: 629685

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3





#79

2-Chlorotoluene

Concen: 20.287 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampled :

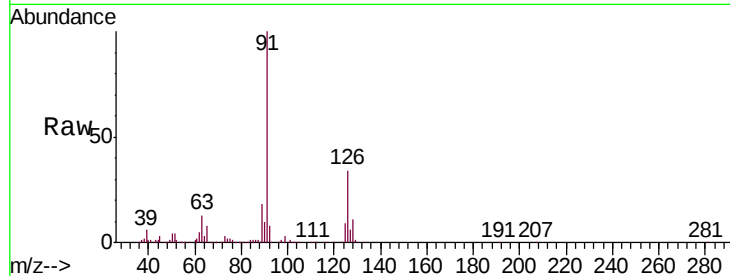
VW0904SBS02

Tgt Ion: 91 Resp: 366805

Ion Ratio Lower Upper

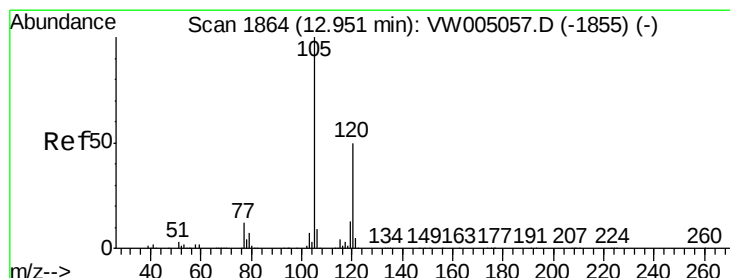
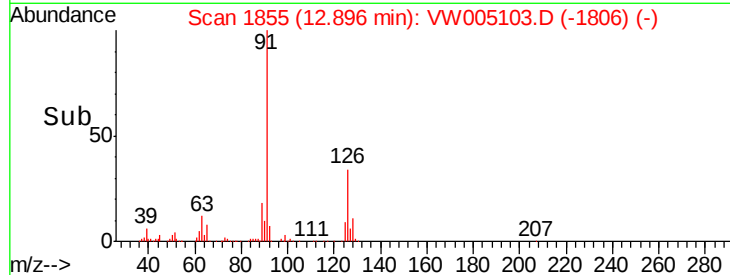
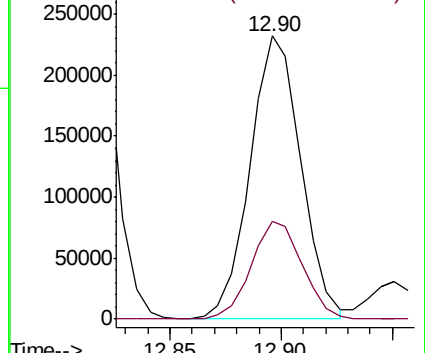
91 100

126 35.0 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.553 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005103.D

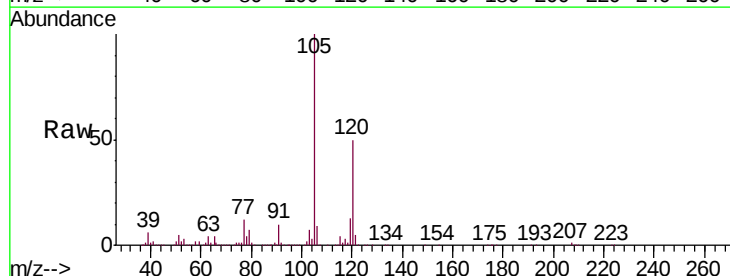
Acq: 05 Sep 2018 03:01

Tgt Ion: 105 Resp: 456302

Ion Ratio Lower Upper

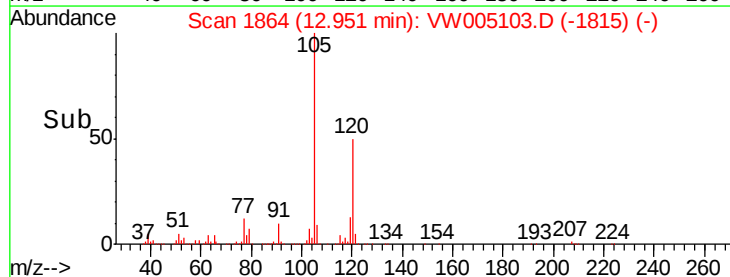
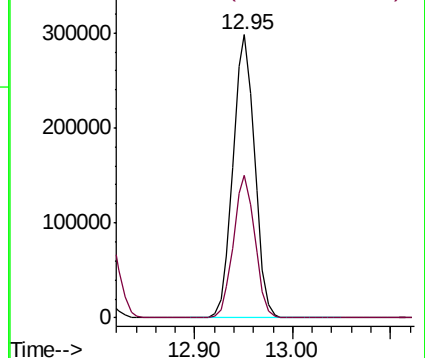
105 100

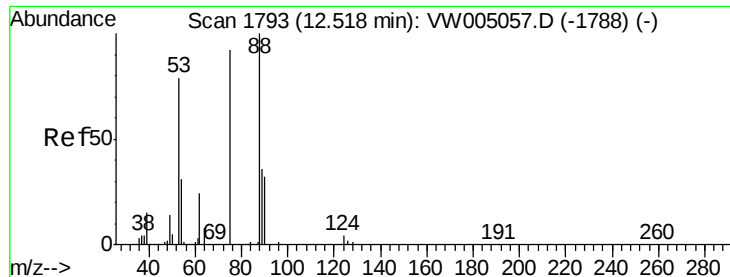
120 50.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

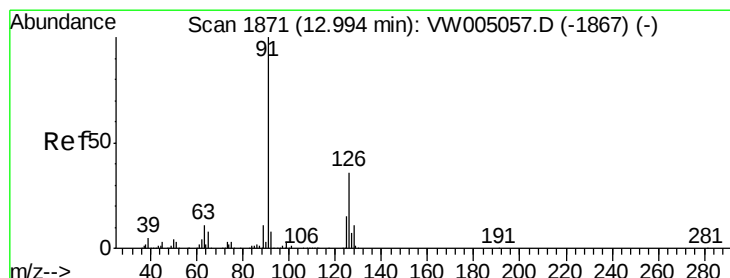
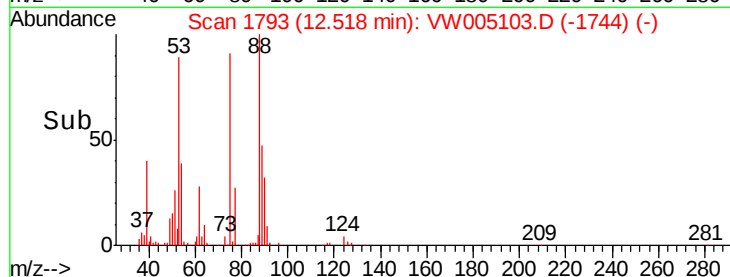
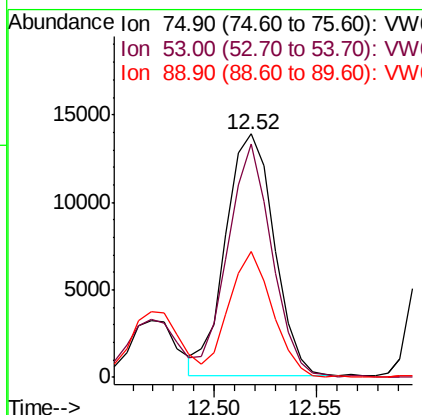
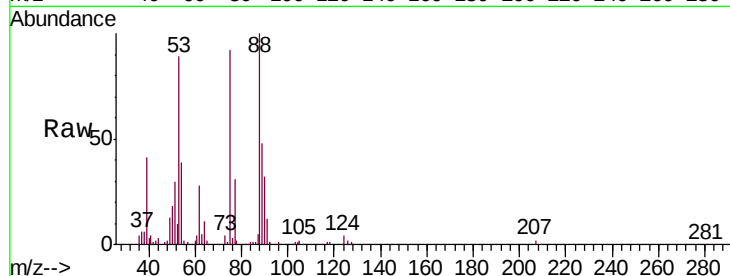




#81
trans-1,4-Dichloro-2-butene
Concen: 20.236 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

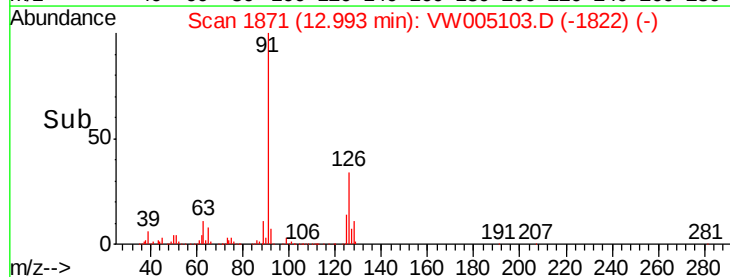
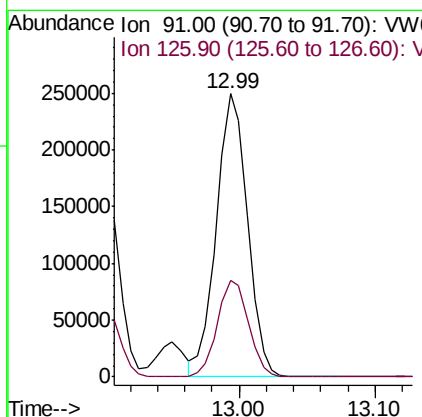
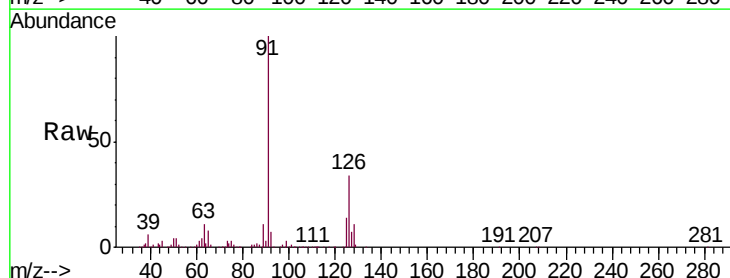
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

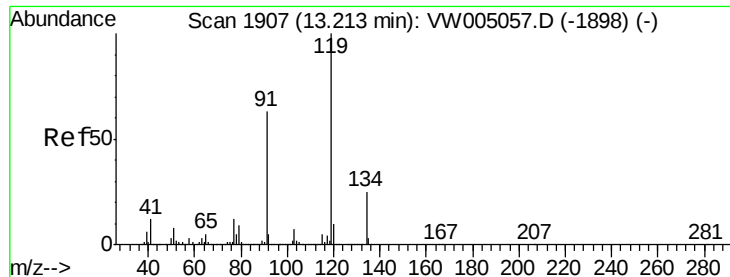
Tgt Ion: 75 Resp: 22978
Ion Ratio Lower Upper
75 100
53 88.1 69.8 104.8
89 46.6 36.0 54.0



#82
4-Chlorotoluene
Concen: 20.711 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion: 91 Resp: 395441
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.3

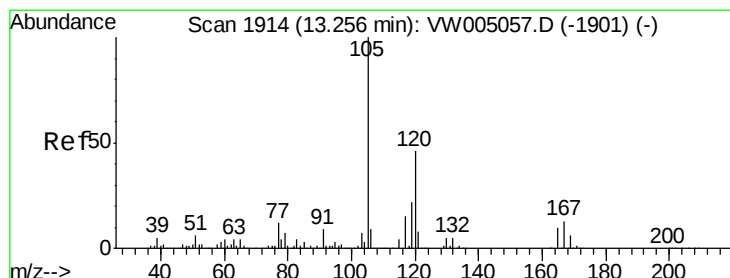
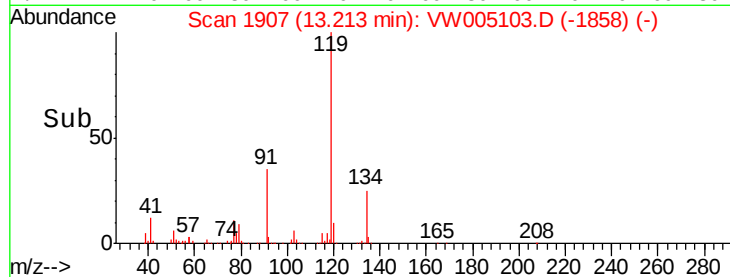
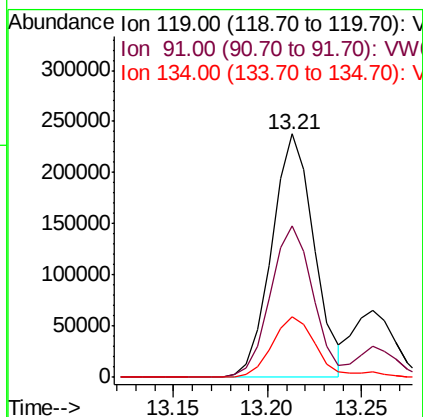
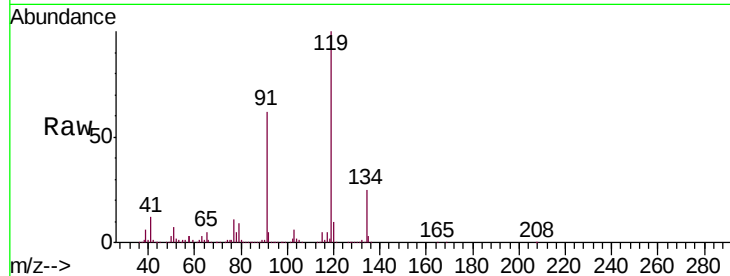




#83
tert-Butylbenzene
Concen: 20.007 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

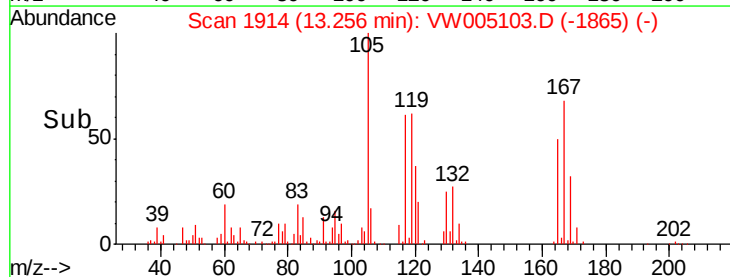
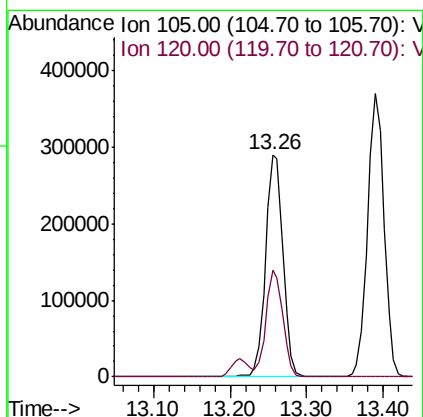
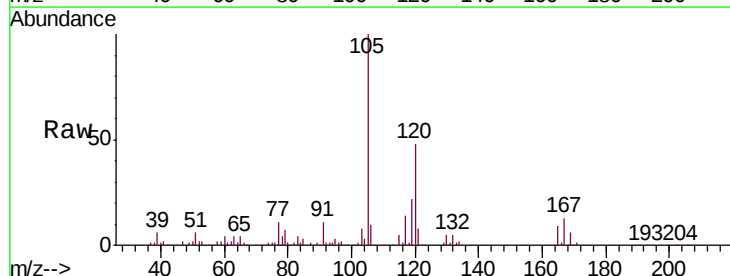
Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

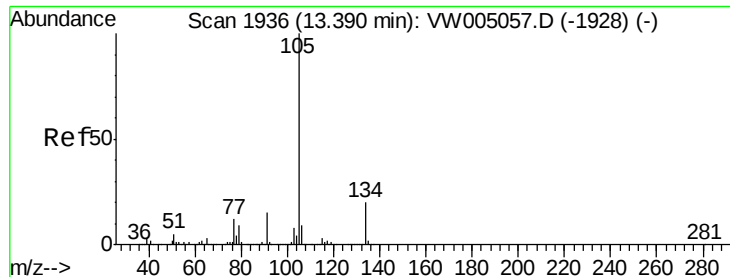
Tgt Ion:119 Resp: 370942
Ion Ratio Lower Upper
119 100
91 62.3 31.8 95.4
134 26.7 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.492 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion:105 Resp: 463324
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.385 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

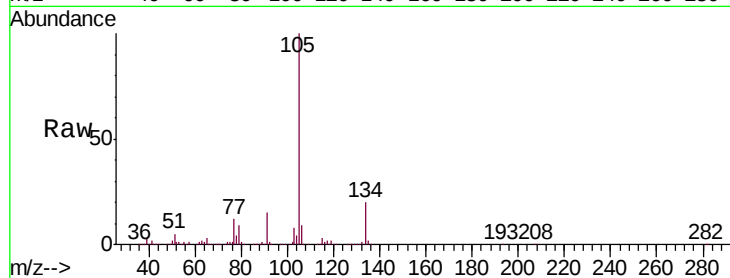
VW0904SBS02

Tgt Ion:105 Resp: 555435

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

400000

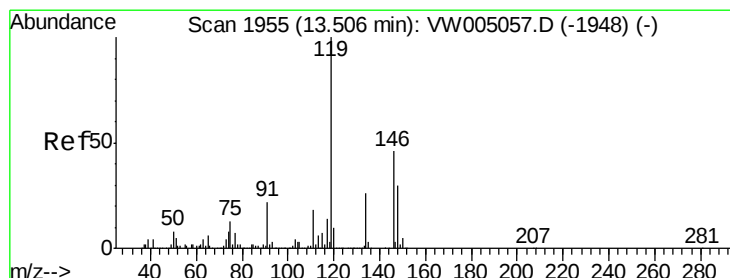
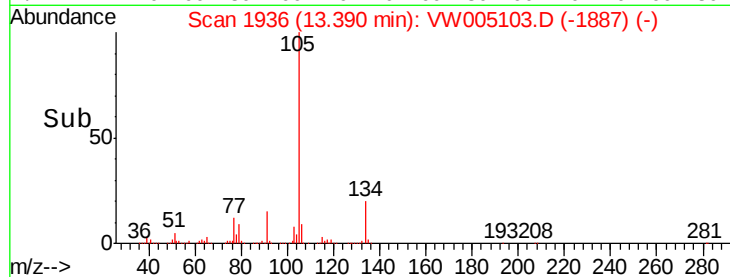
300000

200000

100000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 20.329 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

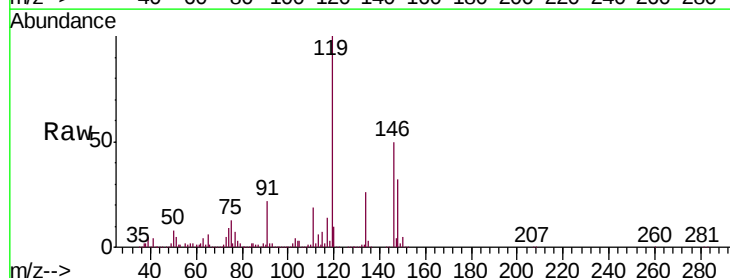
Tgt Ion:119 Resp: 490310

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.0 10.9 32.9



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

13.51

400000

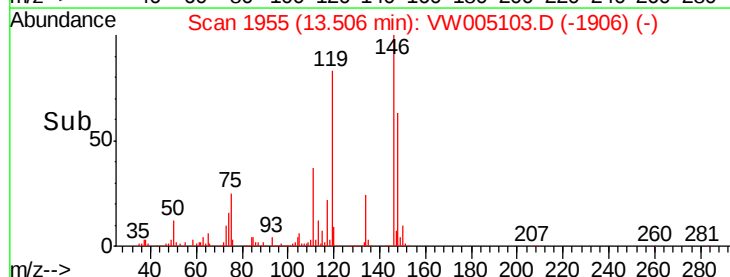
300000

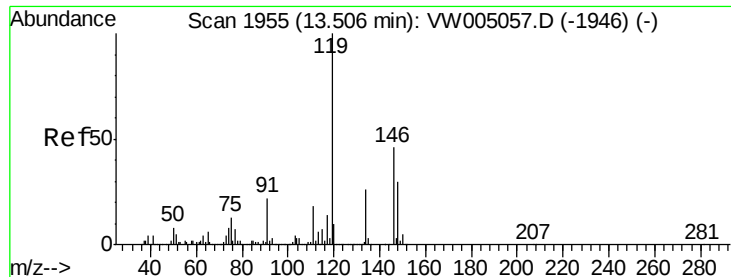
200000

100000

0

Time--> 13.45 13.50 13.55

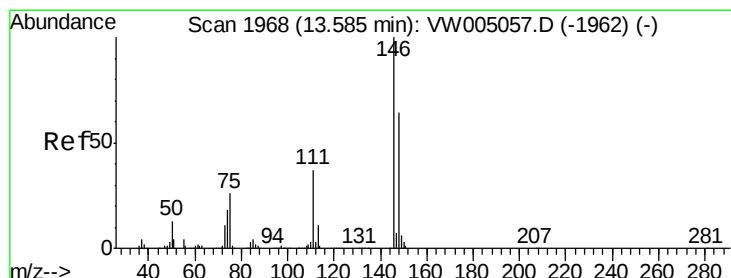
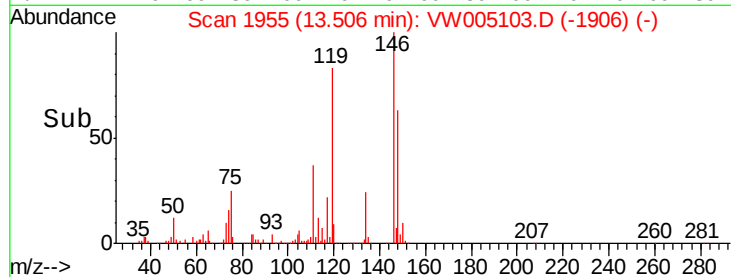
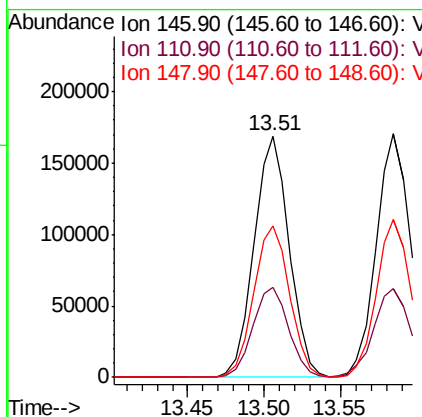
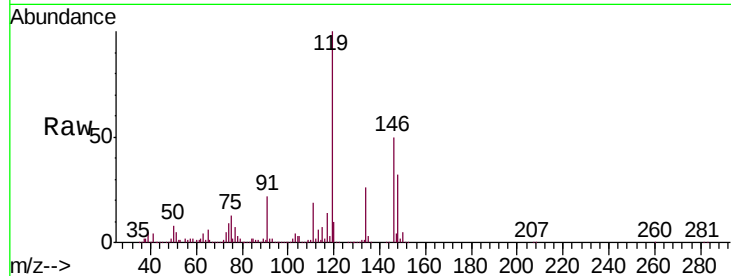




#87
 1,3-Dichlorobenzene
 Concen: 20.761 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

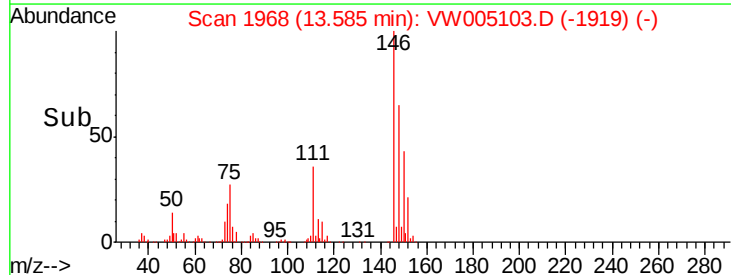
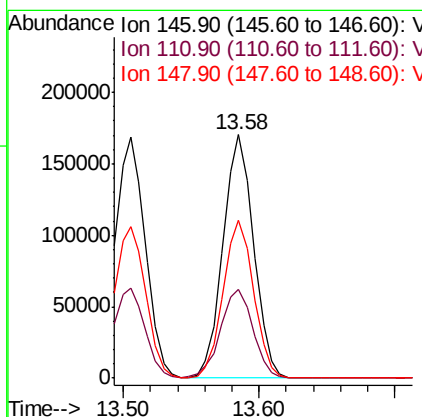
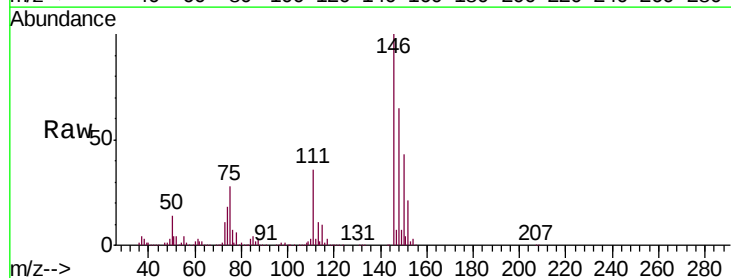
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

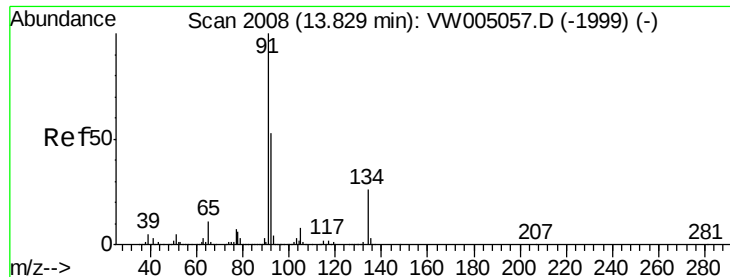
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.2	57.6
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.661 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	56.0
148	64.7	32.0	96.0





#89

n-Butylbenzene

Concen: 19.867 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

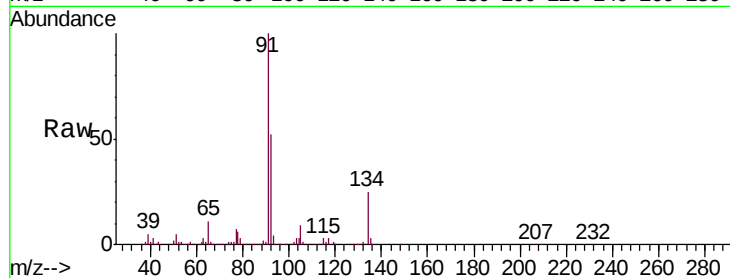
Tgt Ion: 91 Resp: 444088

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

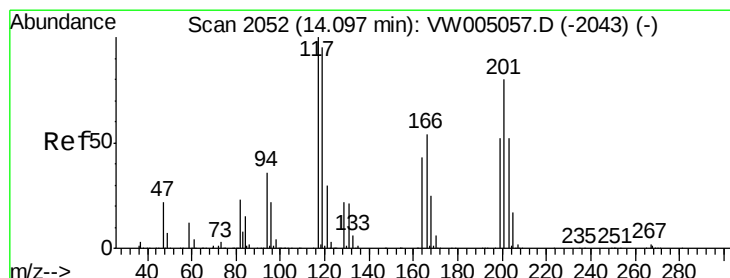
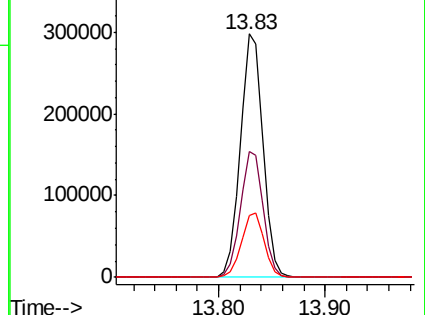
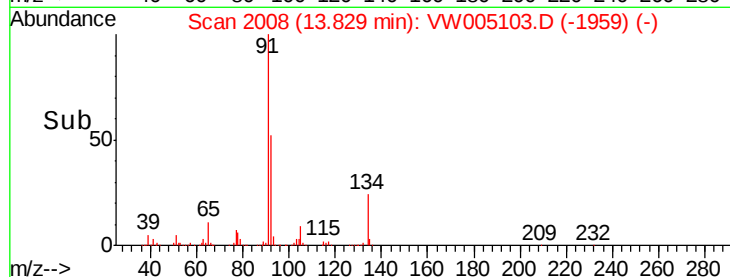
134 26.5 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.138 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VW005103.D

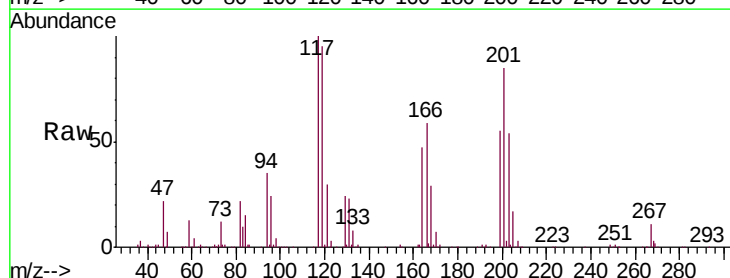
Acq: 05 Sep 2018 03:01

Tgt Ion: 117 Resp: 80681

Ion Ratio Lower Upper

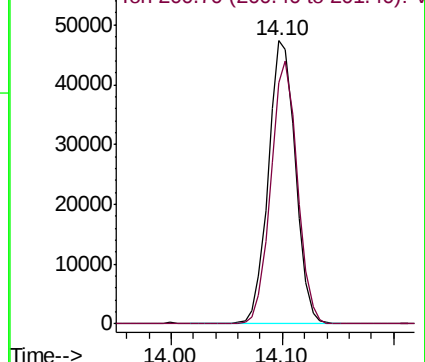
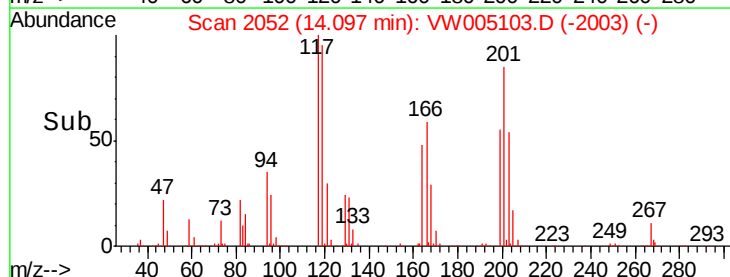
117 100

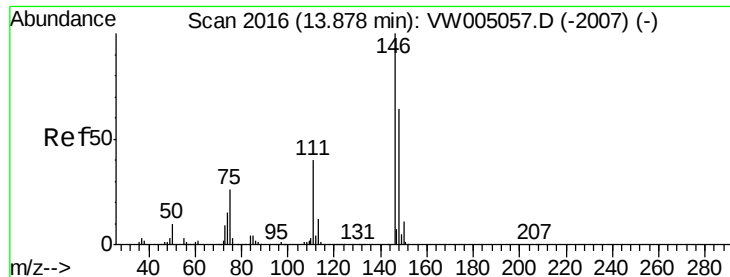
201 90.0 44.6 133.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.209 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

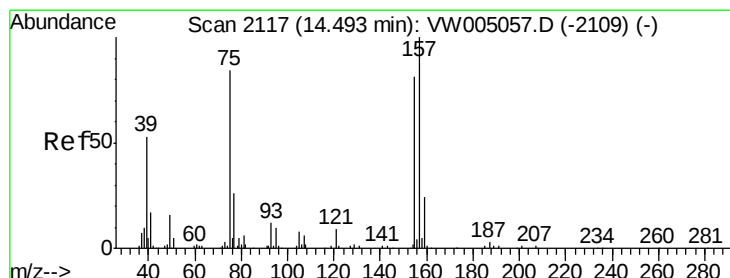
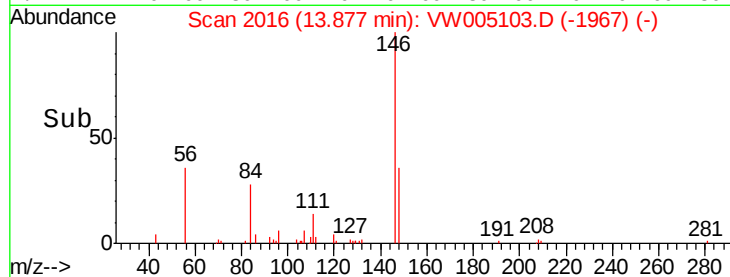
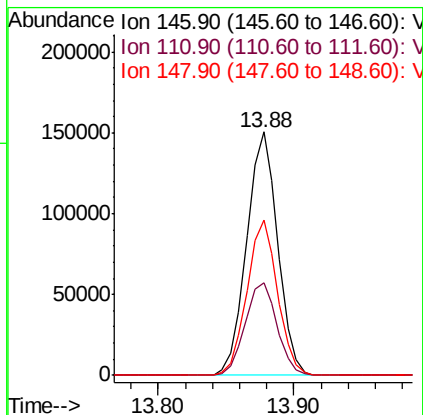
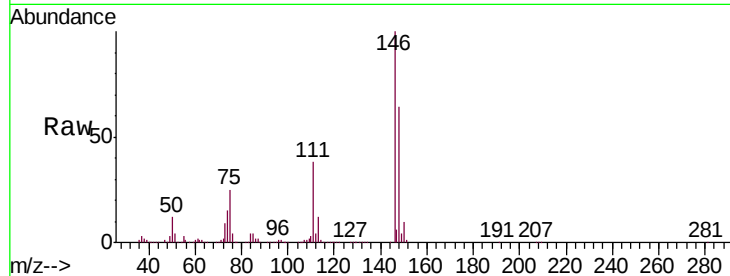
Instrument :

MSVOA_W

ClientSampleId :

VW0904SBS02

Tgt Ion:	146	Resp:	240202
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.9	59.7
148	63.2	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.122 ug/l

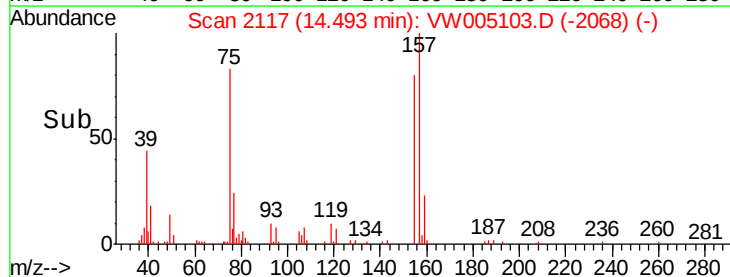
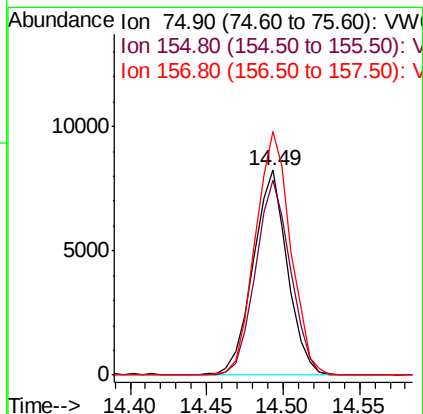
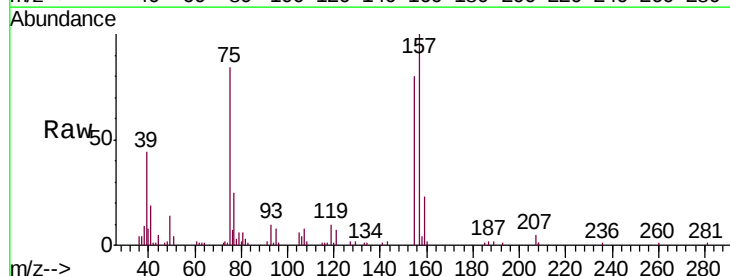
RT: 14.49 min Scan# 2117

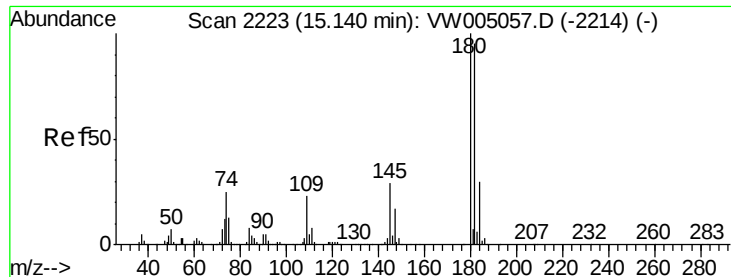
Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Tgt Ion:	75	Resp:	12900
Ion	Ratio	Lower	Upper
75	100		
155	96.8	46.0	137.8
157	122.1	58.6	175.7

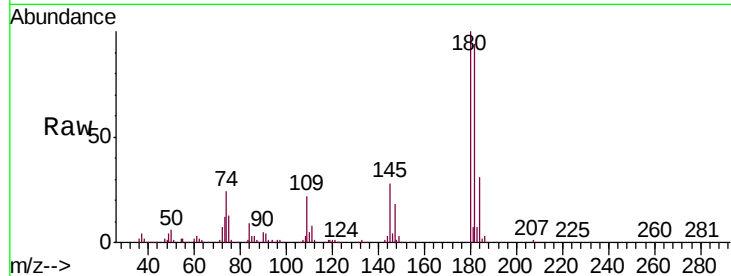




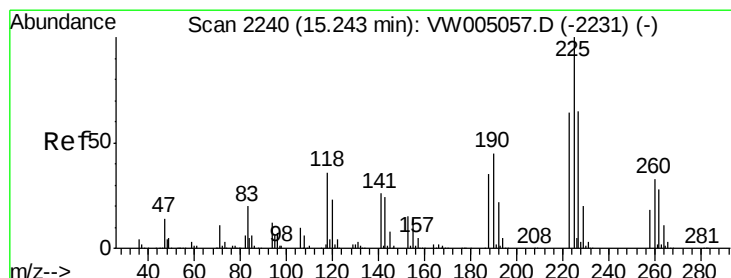
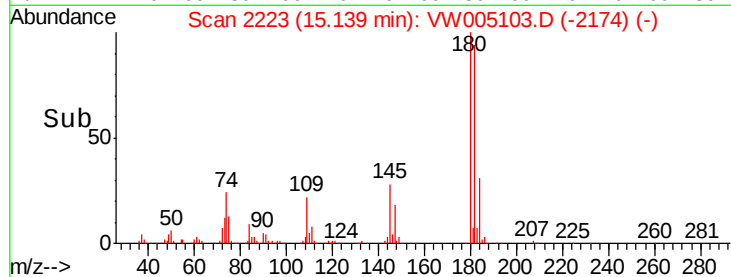
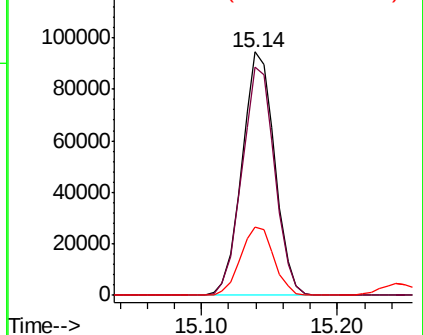
#93
 1,2,4-Trichlorobenzene
 Concen: 20.831 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.6
145	28.6	14.4	43.2

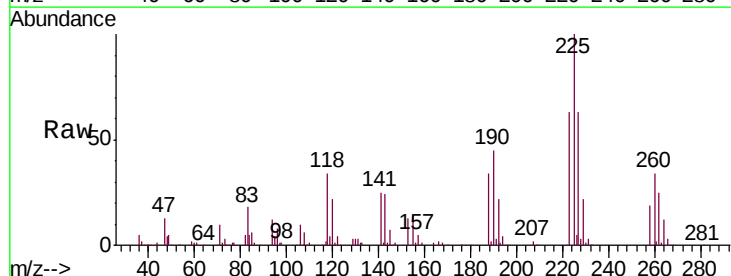


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

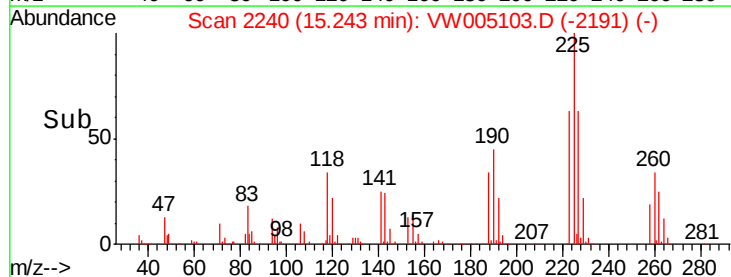
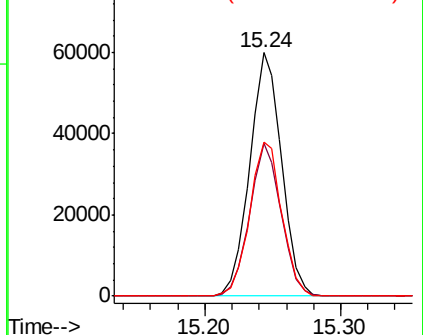


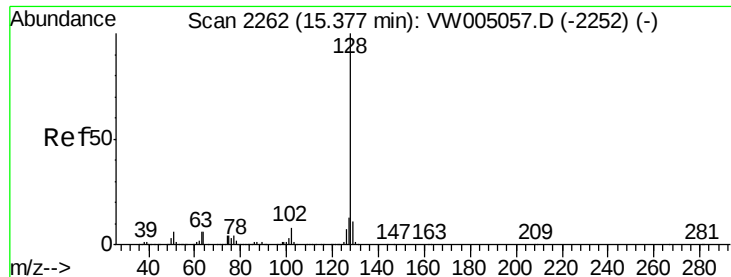
#94
 Hexachlorobutadiene
 Concen: 20.866 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW005103.D
 Acq: 05 Sep 2018 03:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.4	94.3
227	63.7	32.0	96.0



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

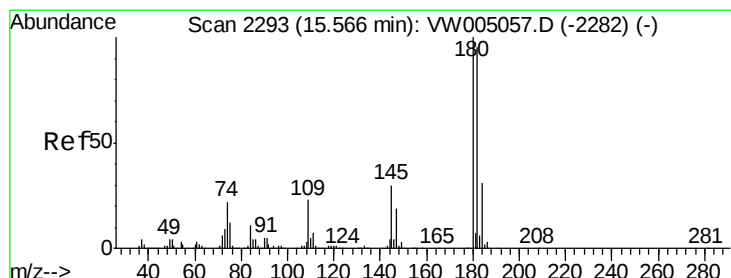
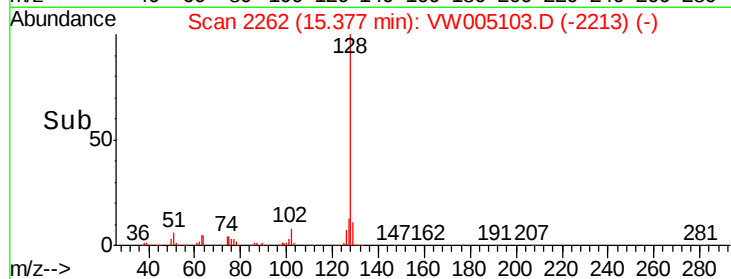
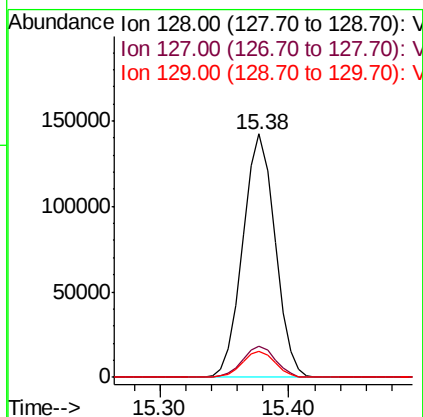
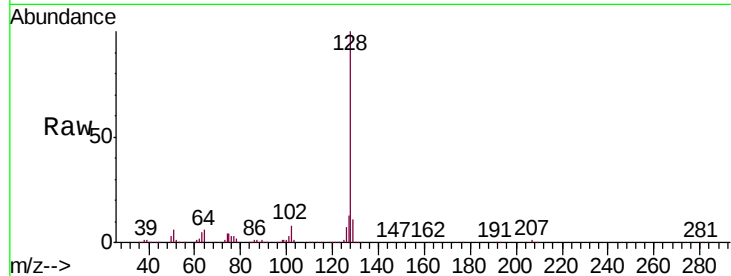




#95
Naphthalene
Concen: 21.276 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Instrument :
MSVOA_W
ClientSampleId :
VW0904SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.305 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW005103.D
Acq: 05 Sep 2018 03:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	30.4	15.4	46.1

