

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
 Data File : VW010021.D
 Acq On : 17 Apr 2019 17:34
 Operator : SY/VA
 Sample : VW0417SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

Quant Time: Apr 18 02:46:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	394813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	629037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	574243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	296948	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	241229	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	194811	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.32	98	753423	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	274299	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	59651	19.815	ug/l	97
3) Chloromethane	2.21	50	56110	18.638	ug/l	99
4) Vinyl Chloride	2.37	62	68520	19.581	ug/l	95
5) Bromomethane	2.77	94	44691	19.004	ug/l	99
6) Chloroethane	2.92	64	43967	19.230	ug/l	94
7) Trichlorofluoromethane	3.25	101	44774	18.506	ug/l	99
8) Diethyl Ether	3.67	74	40127	19.938	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	79048	19.416	ug/l	100
10) Methyl Iodide	4.26	142	106463	18.923	ug/l	100
11) Tert butyl alcohol	5.18	59	28893	104.110	ug/l	97
12) 1,1-Dichloroethene	4.03	96	73830	18.916	ug/l	99
13) Acrolein	3.88	56	27606	94.552	ug/l	96
14) Allyl chloride	4.65	41	124237	17.904	ug/l	98
15) Acrylonitrile	5.36	53	108461	104.720	ug/l	98
16) Acetone	4.12	43	108336	95.834	ug/l	100
17) Carbon Disulfide	4.37	76	197741	17.706	ug/l	100
18) Methyl Acetate	4.67	43	52907	20.222	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	109938	21.686	ug/l	94
20) Methylene Chloride	4.91	84	97831	19.643	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	82046	19.412	ug/l	93
22) Diisopropyl ether	6.31	45	289368	20.558	ug/l	99
23) Vinyl Acetate	6.25	43	951191	107.350	ug/l	98
24) 1,1-Dichloroethane	6.20	63	167455	19.901	ug/l	99
25) 2-Butanone	7.17	43	161852	108.993	ug/l	93
26) 2,2-Dichloropropane	7.16	77	90087	19.352	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	91070	19.592	ug/l	99
28) Bromochloromethane	7.50	49	72489	21.081	ug/l	98
29) Tetrahydrofuran	7.53	42	102011	108.415	ug/l	98
30) Chloroform	7.67	83	167750	19.896	ug/l	99
31) Cyclohexane	7.95	56	153251	19.450	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	129507	19.566	ug/l	97
36) 1,1-Dichloropropene	8.07	75	131268	20.429	ug/l	99
37) Ethyl Acetate	7.25	43	68721	21.047	ug/l	98
38) Carbon Tetrachloride	8.06	117	125057	19.942	ug/l	98

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 Sample : VW0417SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

Quant Time: Apr 18 02:46:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	142803	19.024	ug/l	97
40) Benzene	8.32	78	358778	20.421	ug/l	100
41) Methacrylonitrile	7.48	41	40662	21.851	ug/l	98
42) 1,2-Dichloroethane	8.40	62	124310	20.589	ug/l	100
43) Isopropyl Acetate	8.42	43	132985	21.735	ug/l	97
44) Trichloroethene	9.09	130	88287	19.785	ug/l	97
45) 1,2-Dichloropropane	9.37	63	93730	20.297	ug/l	90
46) Dibromomethane	9.45	93	49480	20.673	ug/l	99
47) Bromodichloromethane	9.64	83	121664	19.691	ug/l	96
48) Methyl methacrylate	9.43	41	63836	21.434	ug/l	99
49) 1,4-Dioxane	9.45	88	14475	395.790	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	357531	111.570	ug/l	98
52) Toluene	10.38	92	226761	20.720	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	127475	20.809	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	140520	20.089	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	69020	20.660	ug/l	94
56) Ethyl methacrylate	10.65	69	86573	20.318	ug/l	98
57) 1,3-Dichloropropane	10.93	76	125057	20.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	268586	134.548	ug/l	100
59) 2-Hexanone	10.97	43	253993	113.862	ug/l	98
60) Dibromochloromethane	11.13	129	78845	20.420	ug/l	99
61) 1,2-Dibromoethane	11.23	107	65045	20.468	ug/l	97
64) Tetrachloroethene	10.86	164	74405	19.960	ug/l	99
65) Chlorobenzene	11.66	112	245565	20.893	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	84806	20.177	ug/l	97
67) Ethyl Benzene	11.73	91	427407	20.382	ug/l	98
68) m/p-Xylenes	11.84	106	325826	41.567	ug/l	99
69) o-Xylene	12.16	106	148216	20.766	ug/l	100
70) Styrene	12.18	104	251091	20.404	ug/l	99
71) Bromoform	12.35	173	46621	20.977	ug/l	96
73) Isopropylbenzene	12.46	105	420691	20.356	ug/l	99
74) N-amyl acetate	12.27	43	121639	21.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	85716	20.993	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	115190	38.758	ug/l #	100
77) Bromobenzene	12.75	156	96782	20.362	ug/l	100
78) n-propylbenzene	12.80	91	525970	20.534	ug/l	100
79) 2-Chlorotoluene	12.89	91	299314	20.318	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	360133	20.552	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25443	20.186	ug/l	94
82) 4-Chlorotoluene	12.99	91	317346	20.468	ug/l	100
83) tert-Butylbenzene	13.21	119	299162	20.616	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	364049	20.491	ug/l	99
85) sec-Butylbenzene	13.38	105	449742	20.739	ug/l	100
86) p-Isopropyltoluene	13.50	119	390324	20.421	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	195122	20.308	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	198218	20.668	ug/l	99
89) n-Butylbenzene	13.83	91	384660	20.313	ug/l	99
90) Hexachloroethane	14.10	117	71968	19.659	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	179038	20.782	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15121	20.694	ug/l	97

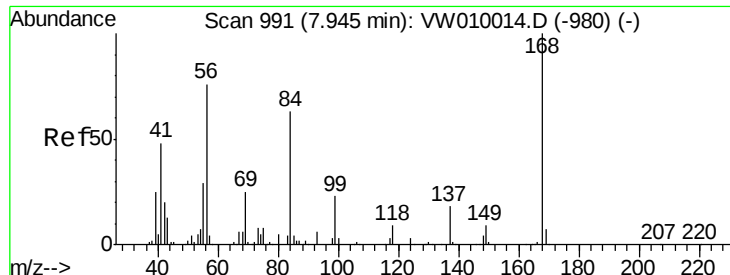
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
Data File : VW010021.D
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Sample : VW0417SBS01
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Apr 18 02:46:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 02:23:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	115957	20.402	ug/l	99
94) Hexachlorobutadiene	15.24	225	69355	20.095	ug/l	100
95) Naphthalene	15.37	128	214241	20.624	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	104703	21.234	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

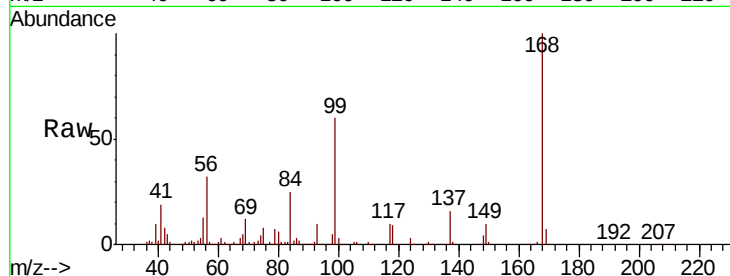
VW0417SBS01

Tgt Ion:168 Resp: 394813

Ion Ratio Lower Upper

168 100

99 60.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW010014.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW010014.D (-980) (-)

7.95

200000

150000

100000

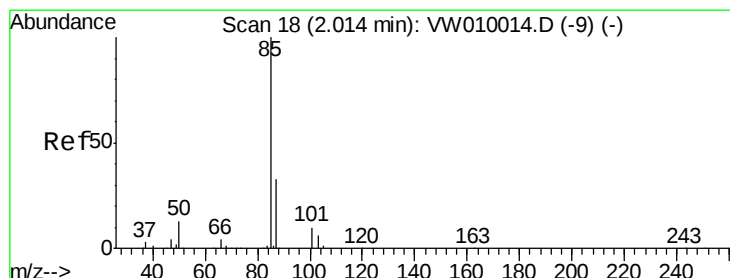
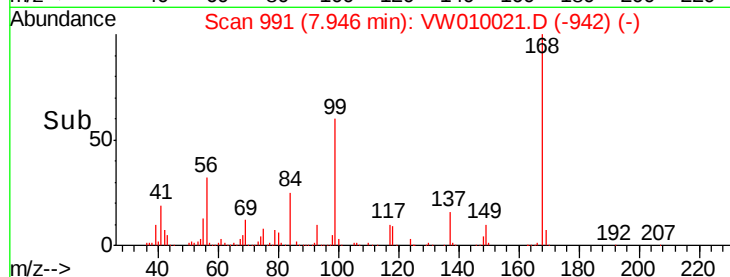
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.815 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010021.D

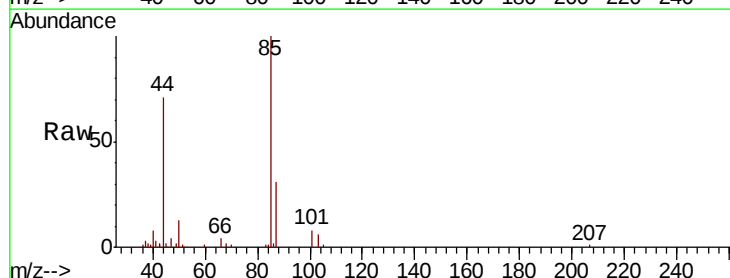
Acq: 17 Apr 2019 17:34

Tgt Ion: 85 Resp: 59651

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW010014.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VW010014.D (-9) (-)

2.01

20000

15000

10000

5000

0

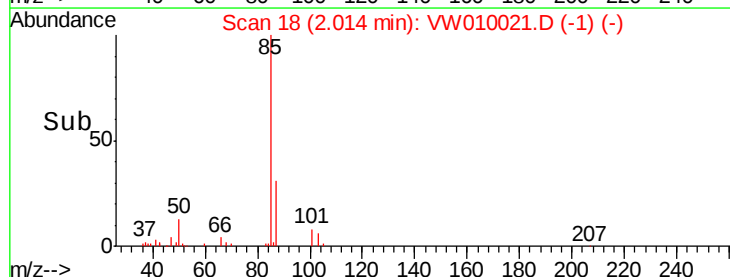
1.90

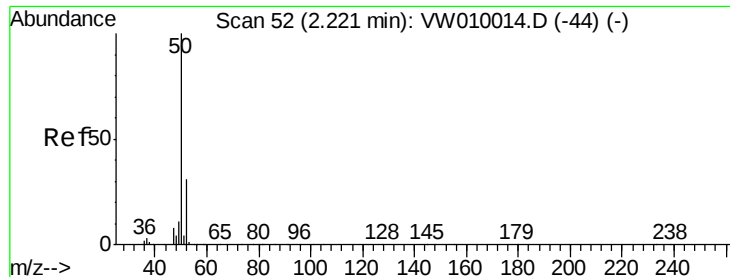
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 18.638 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

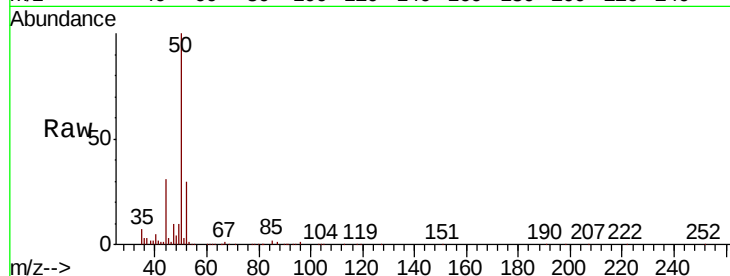
VW0417SBS01

Tgt Ion: 50 Resp: 56110

Ion Ratio Lower Upper

50 100

52 30.5 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

25000

20000

15000

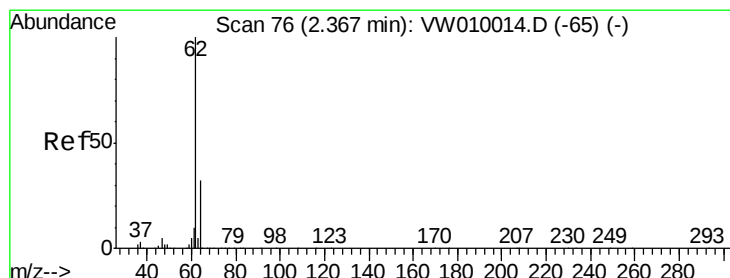
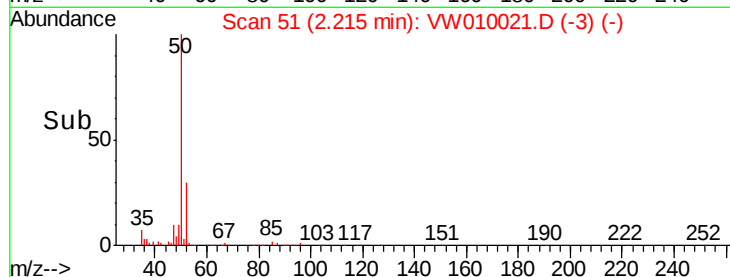
10000

5000

0

Time-->

2.10 2.20 2.30



#4

Vinyl Chloride

Concen: 19.581 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010021.D

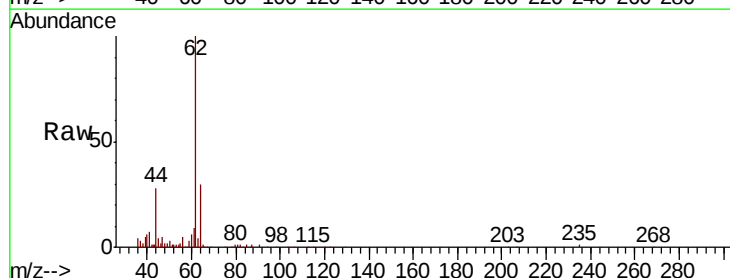
Acq: 17 Apr 2019 17:34

Tgt Ion: 62 Resp: 68520

Ion Ratio Lower Upper

62 100

64 29.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

30000

25000

20000

15000

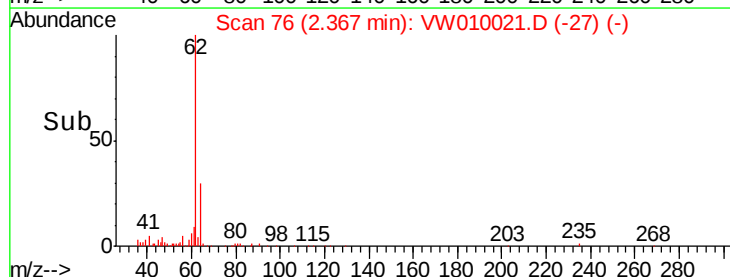
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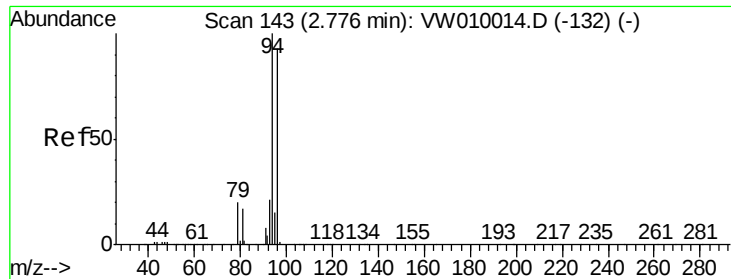
5000

0

Time-->

2.30 2.40 2.50





#5

Bromomethane

Concen: 19.004 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

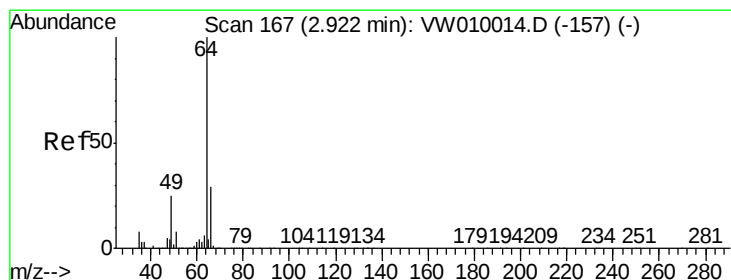
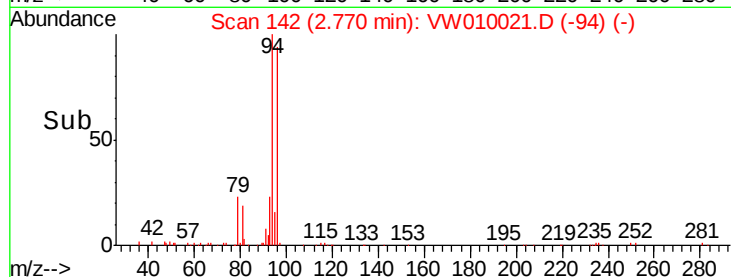
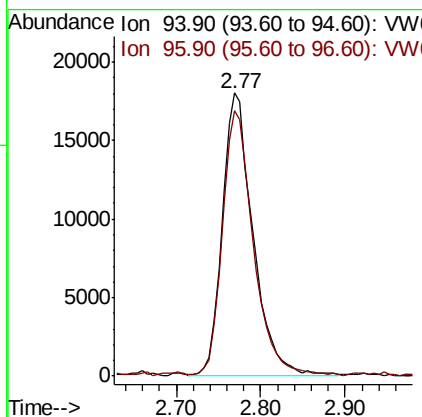
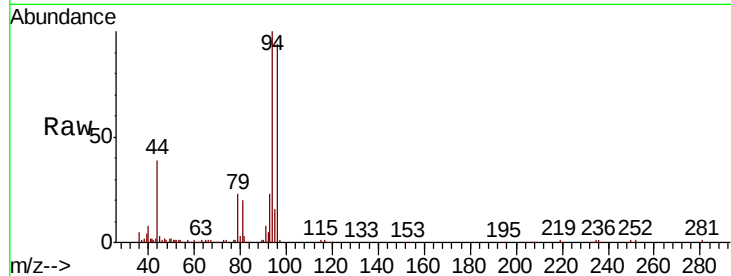
VW0417SBS01

Tgt Ion: 94 Resp: 44691

Ion Ratio Lower Upper

94 100

96 93.7 74.2 111.2



#6

Chloroethane

Concen: 19.230 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010021.D

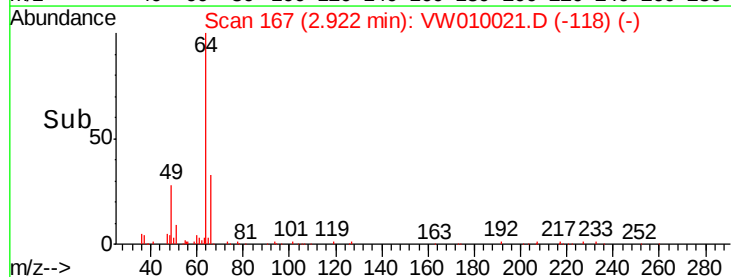
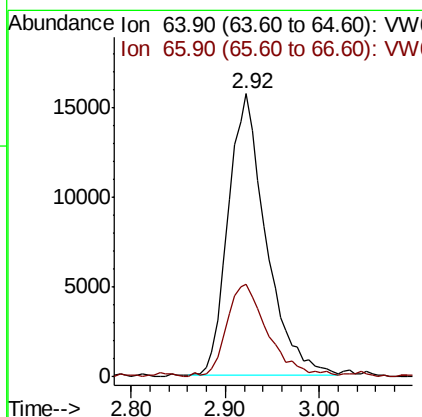
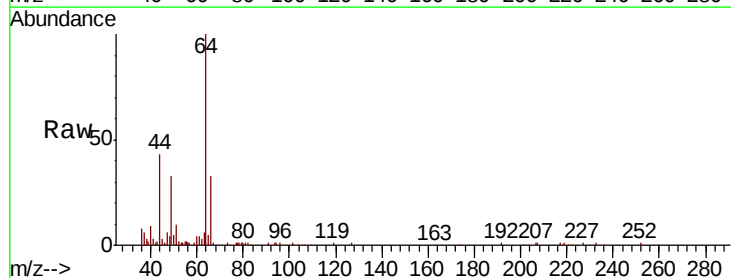
Acq: 17 Apr 2019 17:34

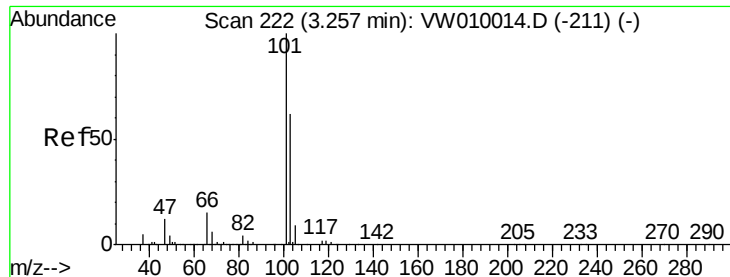
Tgt Ion: 64 Resp: 43967

Ion Ratio Lower Upper

64 100

66 32.6 23.4 35.0



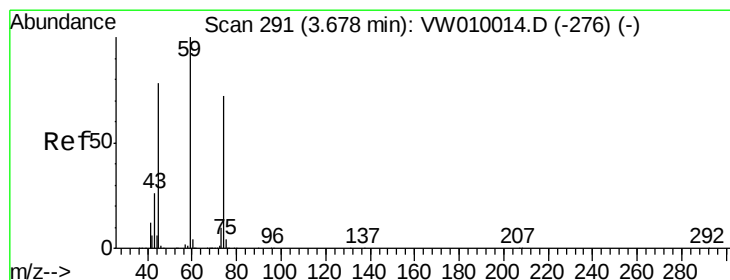
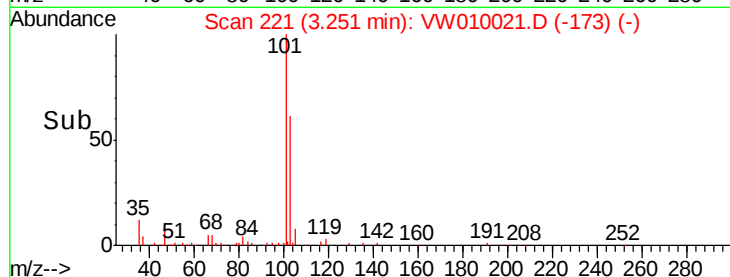
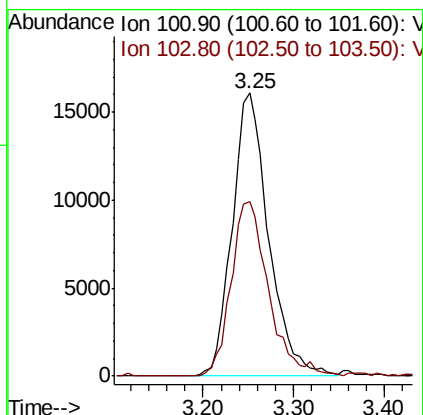
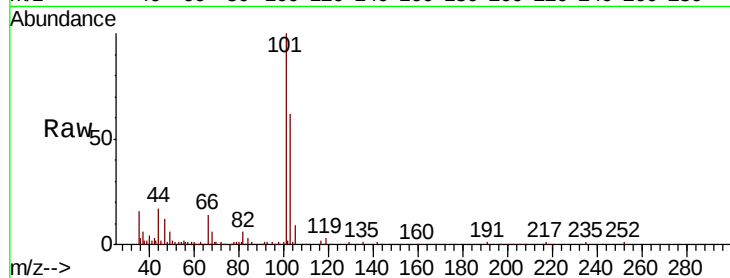


#7

Trichlorofluoromethane
Concen: 18.506 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

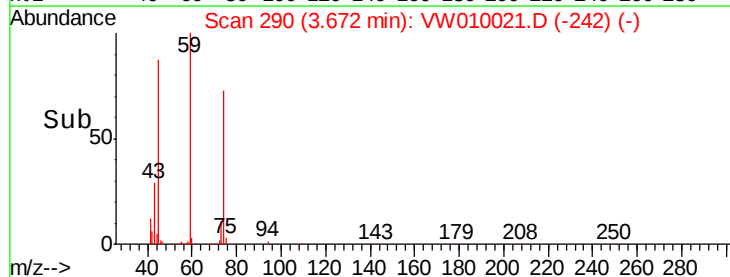
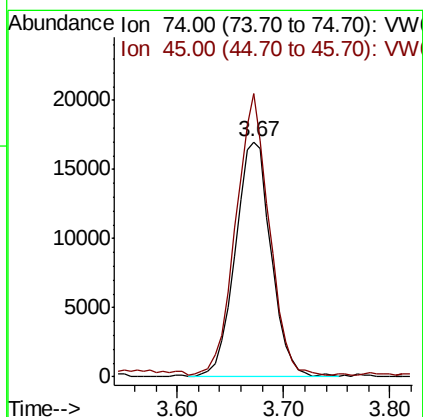
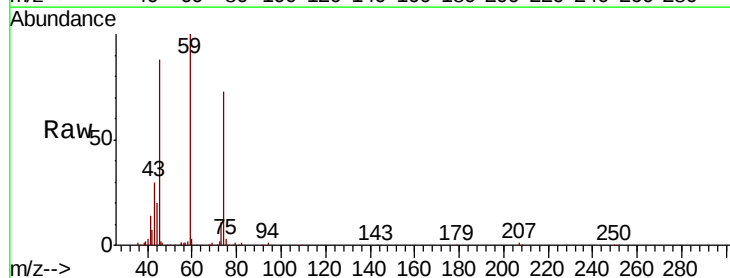
Tgt Ion:101 Resp: 44774
Ion Ratio Lower Upper
101 100
103 61.6 49.8 74.6

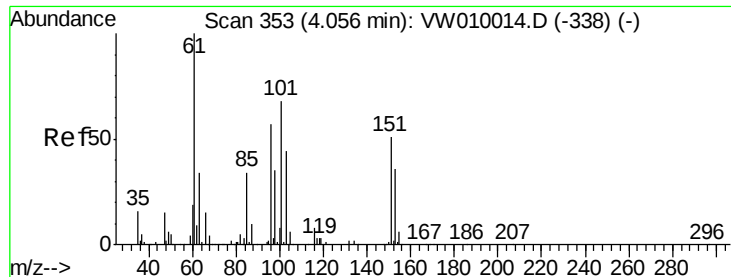


#8

Diethyl Ether
Concen: 19.938 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion: 74 Resp: 40127
Ion Ratio Lower Upper
74 100
45 110.7 56.0 168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.416 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

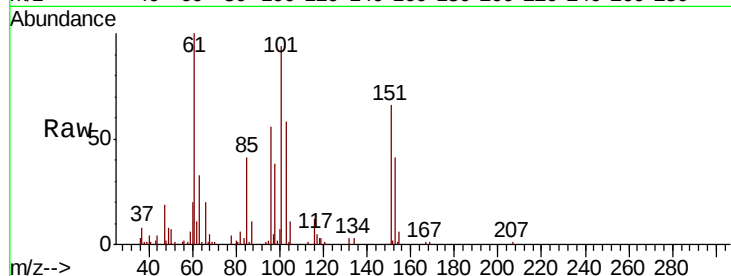
Tgt Ion:101 Resp: 79048

Ion Ratio Lower Upper

101 100

85 45.4 36.3 54.5

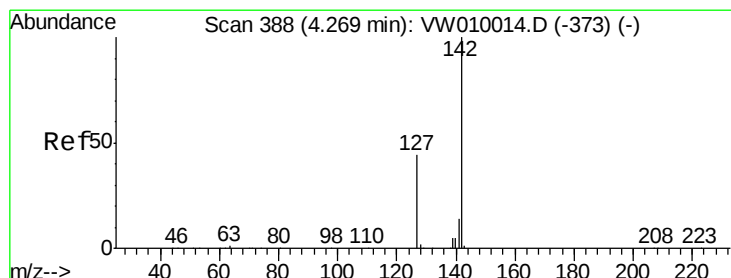
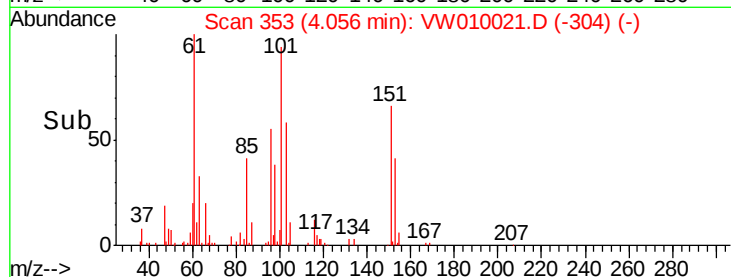
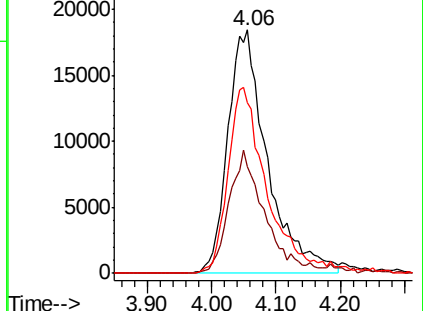
151 75.2 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.923 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

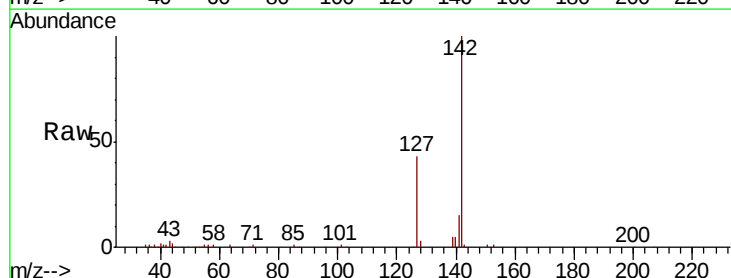
Tgt Ion:142 Resp: 106463

Ion Ratio Lower Upper

142 100

127 47.3 38.1 57.1

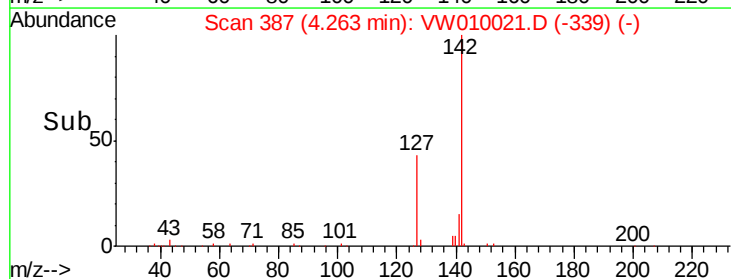
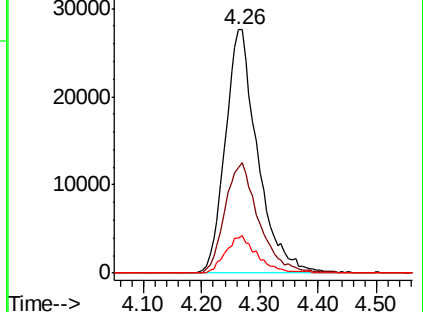
141 15.0 12.2 18.2

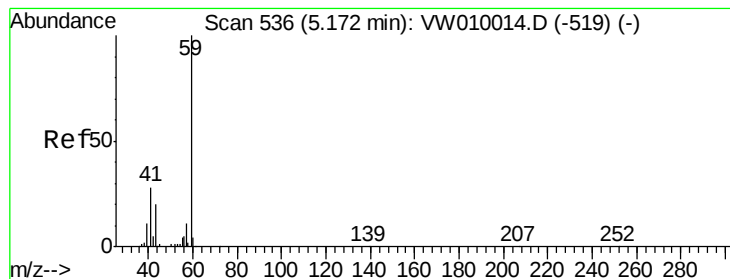


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



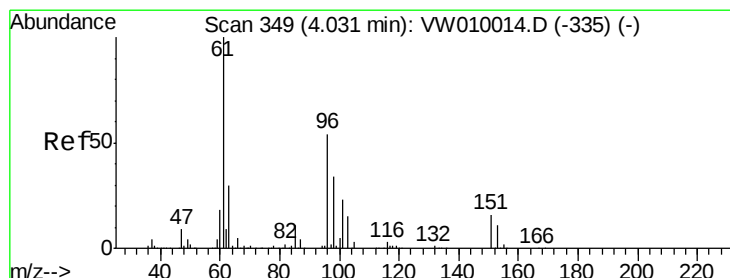
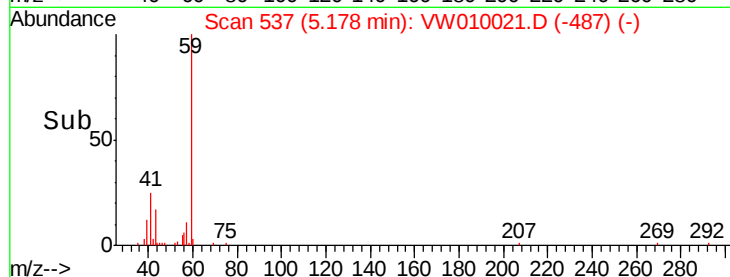
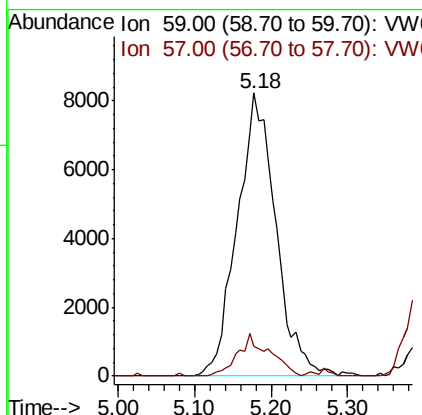
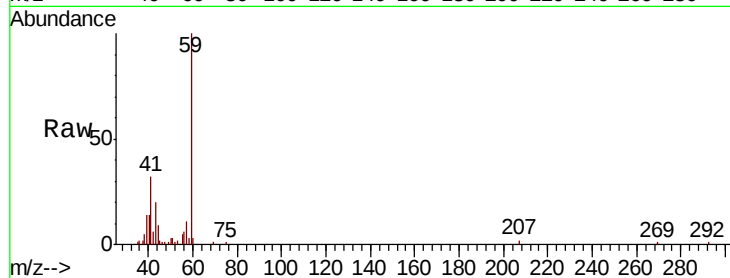


#11

Tert butyl alcohol
 Concen: 104.110 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

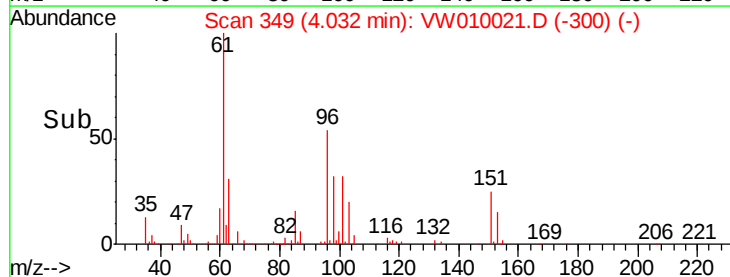
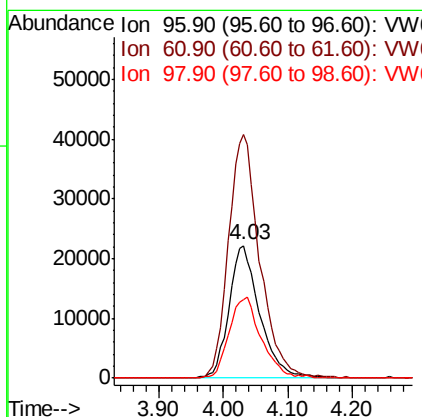
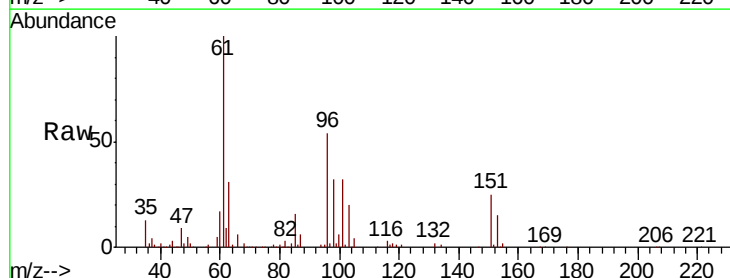
Tgt Ion: 59 Resp: 28893
 Ion Ratio Lower Upper
 59 100
 57 12.3 9.0 13.4

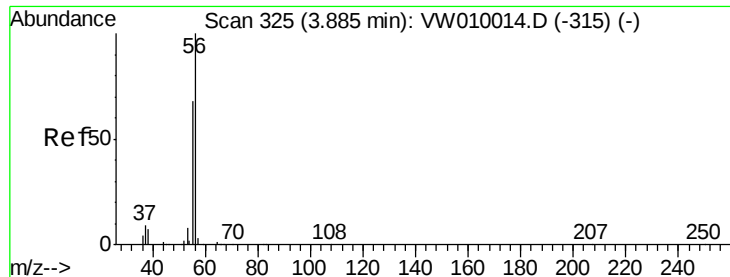


#12

1,1-Dichloroethene
 Concen: 18.916 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Tgt Ion: 96 Resp: 73830
 Ion Ratio Lower Upper
 96 100
 61 183.5 147.4 221.2
 98 59.3 49.7 74.5





#13

Acrolein

Concen: 94.552 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

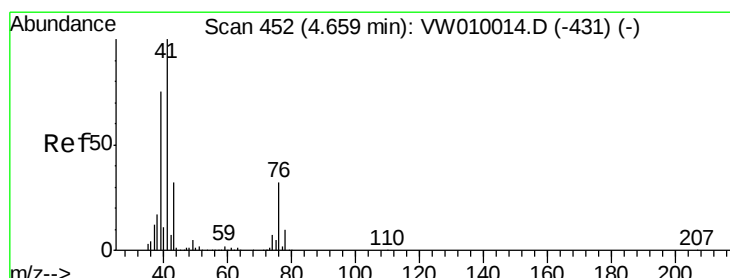
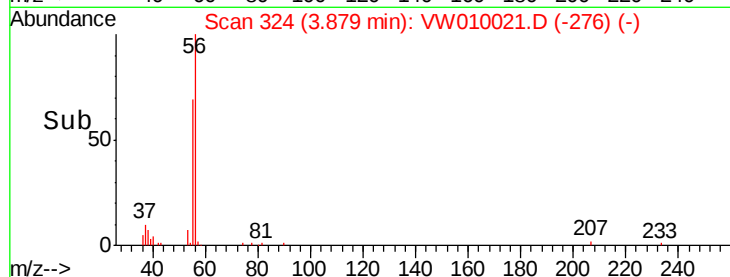
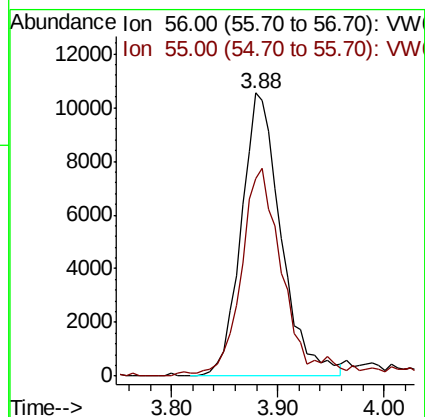
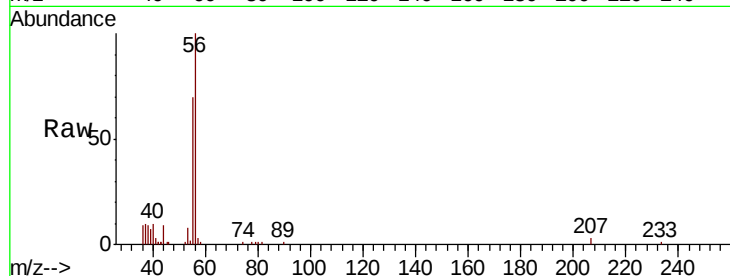
VW0417SBS01

Tgt Ion: 56 Resp: 27606

Ion Ratio Lower Upper

56 100

55 70.9 54.2 81.2



#14

Allyl chloride

Concen: 17.904 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

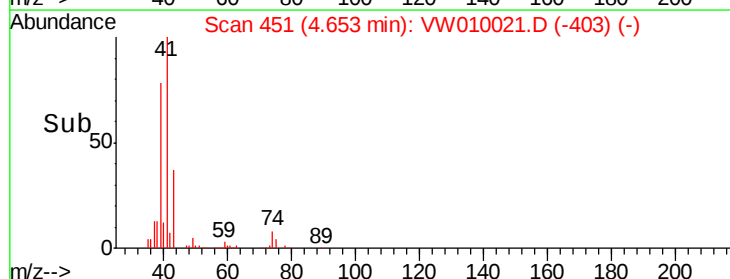
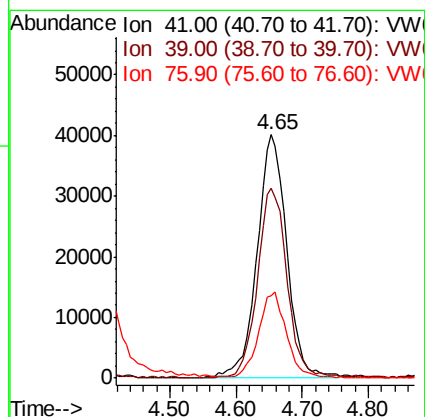
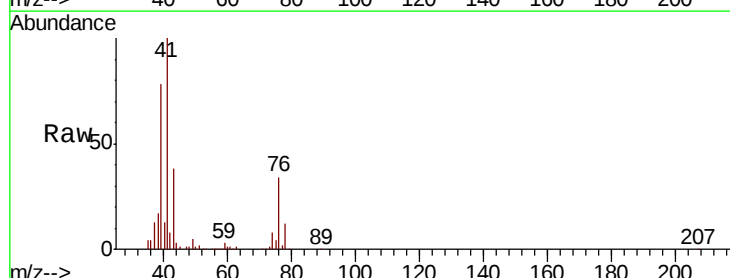
Tgt Ion: 41 Resp: 124237

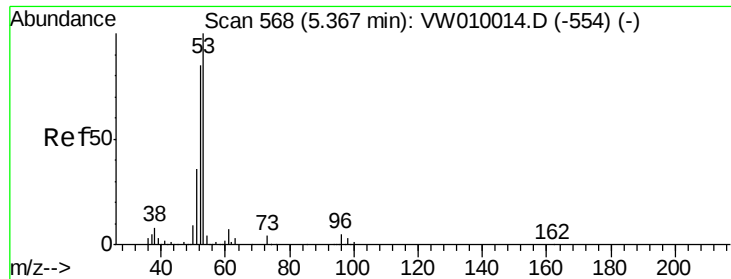
Ion Ratio Lower Upper

41 100

39 77.5 60.2 90.4

76 32.0 25.0 37.6





#15

Acrylonitrile

Concen: 104.720 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

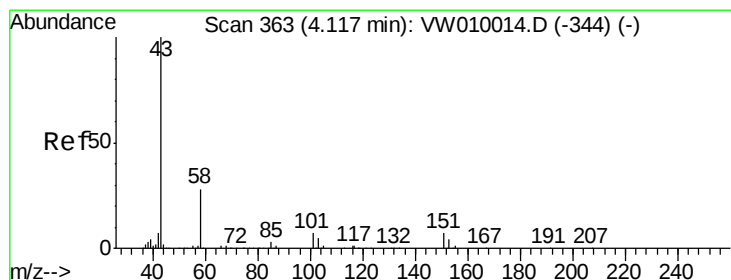
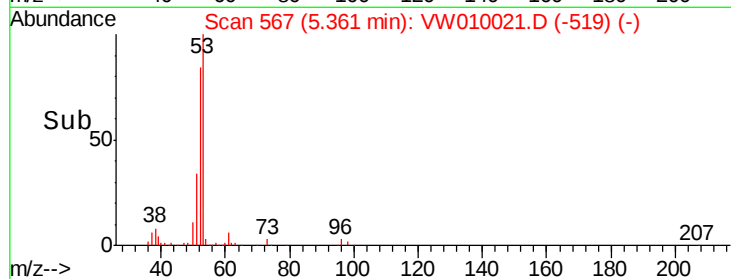
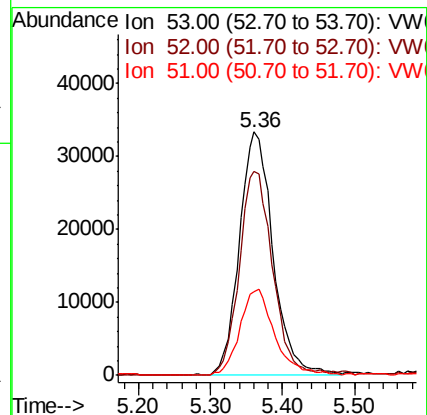
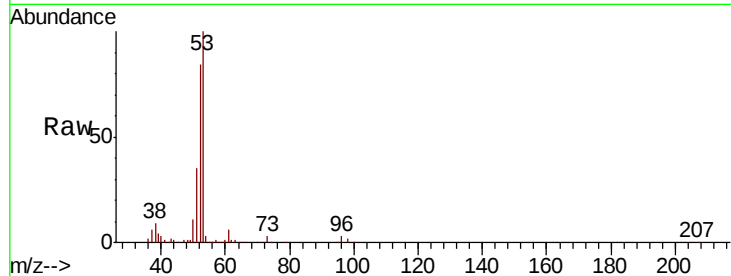
Tgt Ion: 53 Resp: 108461

Ion Ratio Lower Upper

53 100

52 82.0 66.6 100.0

51 36.6 30.3 45.5



#16

Acetone

Concen: 95.834 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010021.D

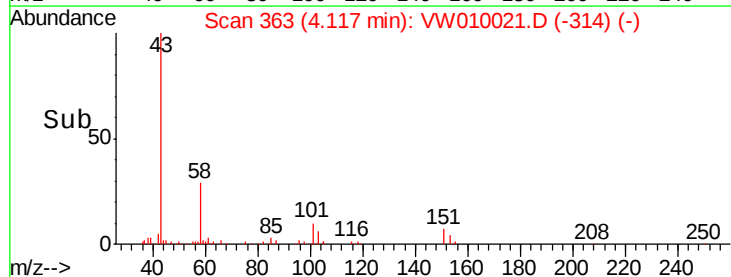
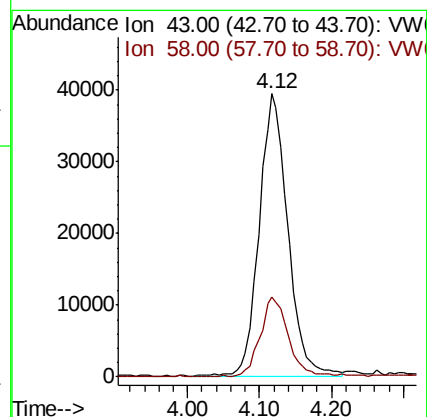
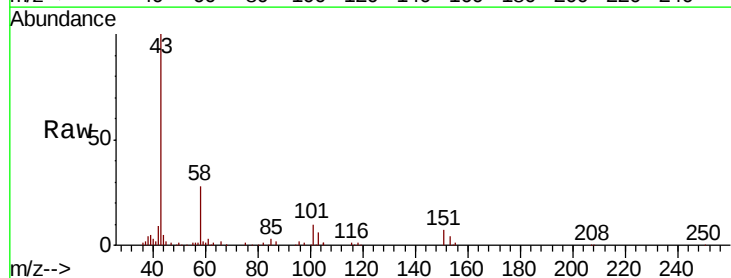
Acq: 17 Apr 2019 17:34

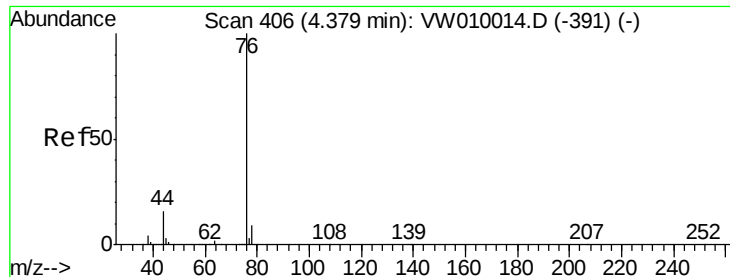
Tgt Ion: 43 Resp: 108336

Ion Ratio Lower Upper

43 100

58 28.5 22.7 34.1





#17

Carbon Disulfide

Concen: 17.706 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

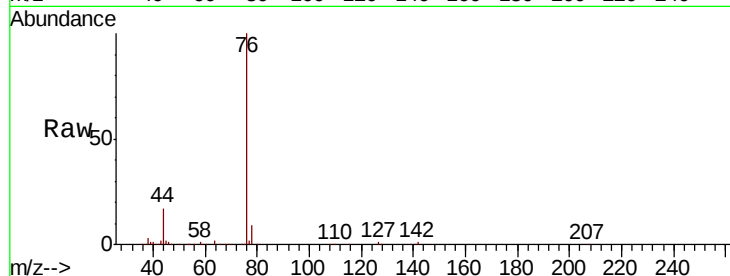
VW0417SBS01

Tgt Ion: 76 Resp: 197741

Ion Ratio Lower Upper

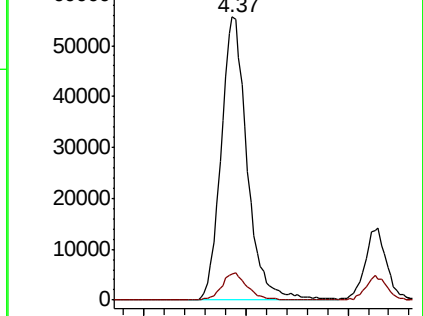
76 100

78 9.4 7.4 11.2

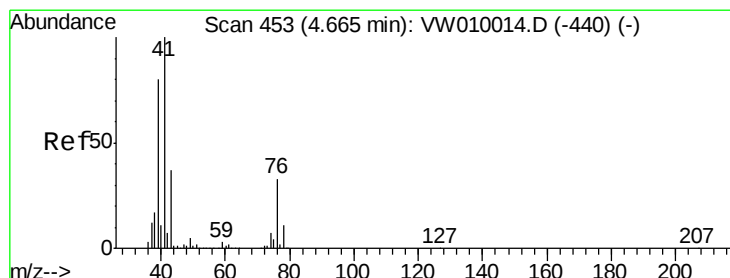
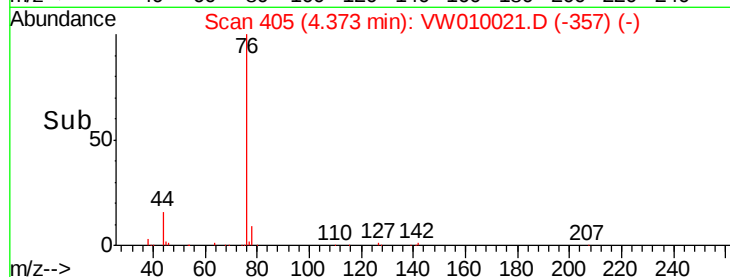


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#18

Methyl Acetate

Concen: 20.222 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW010021.D

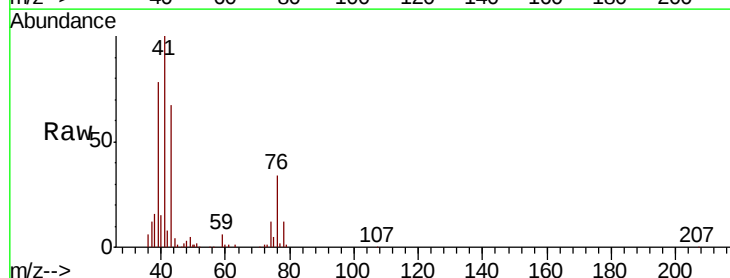
Acq: 17 Apr 2019 17:34

Tgt Ion: 43 Resp: 52907

Ion Ratio Lower Upper

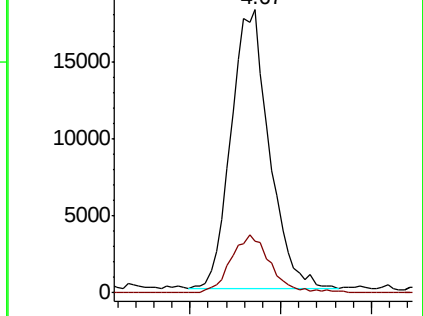
43 100

74 20.9 16.8 25.2

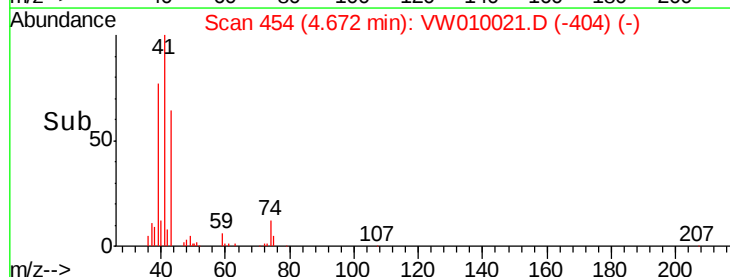


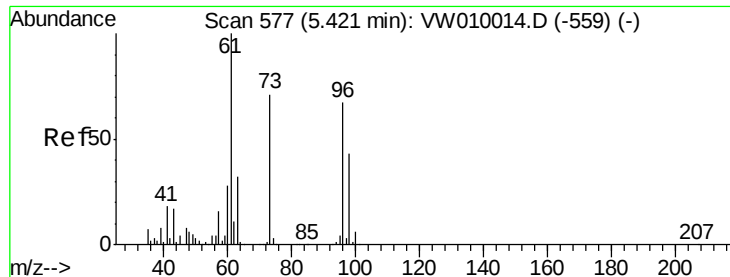
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->

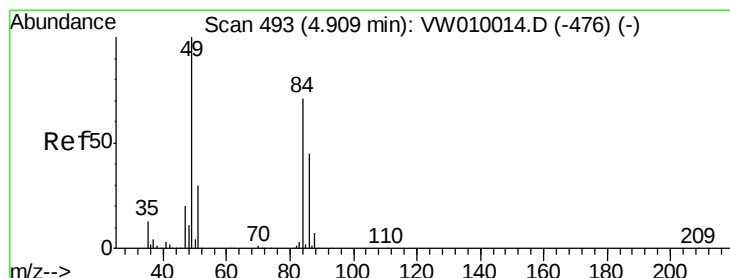
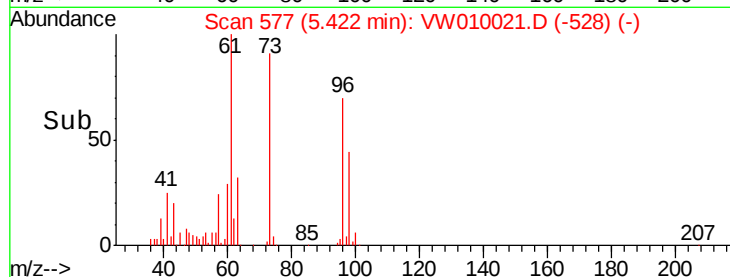
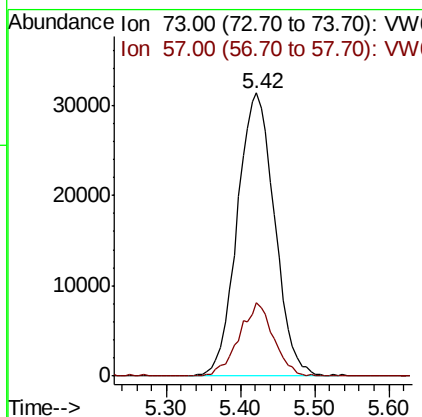
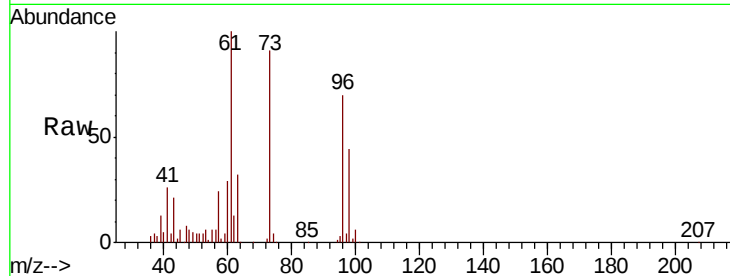




#19
Methyl tert-butyl Ether
Concen: 21.686 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

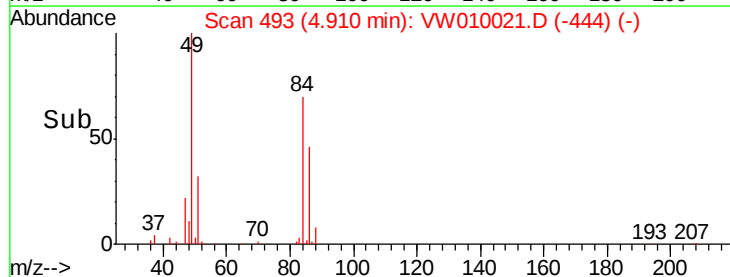
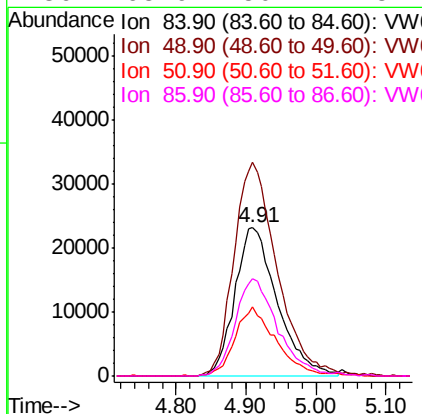
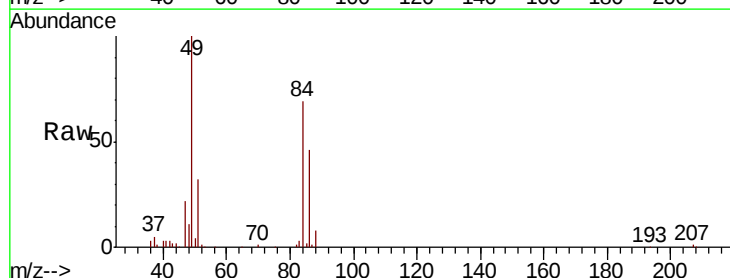
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

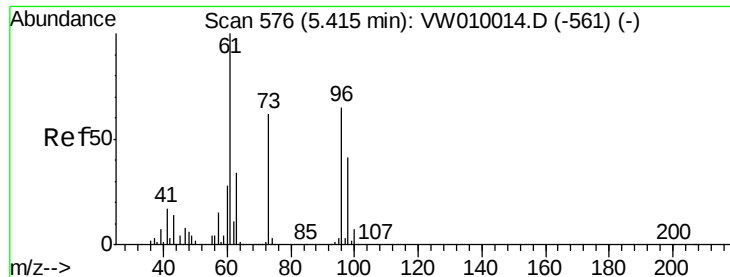
Tgt Ion: 73 Resp: 109938
Ion Ratio Lower Upper
73 100
57 26.1 18.5 27.7



#20
Methylene Chloride
Concen: 19.643 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion: 84 Resp: 97831
Ion Ratio Lower Upper
84 100
49 144.4 112.3 168.5
51 46.1 33.9 50.9
86 65.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 19.412 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

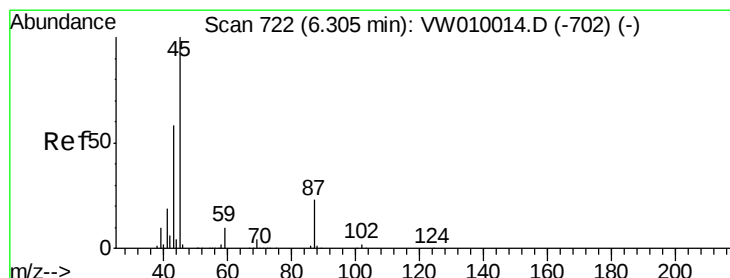
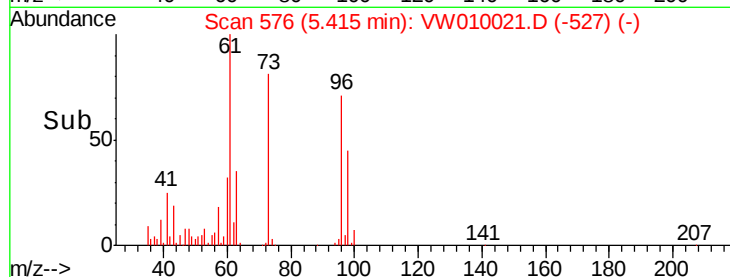
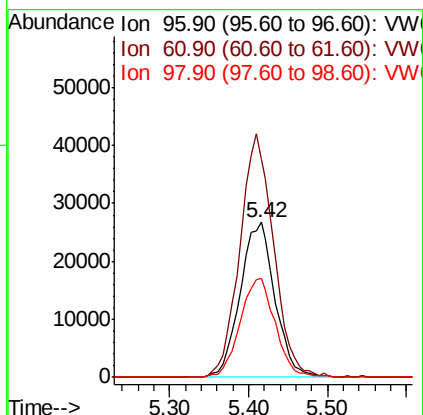
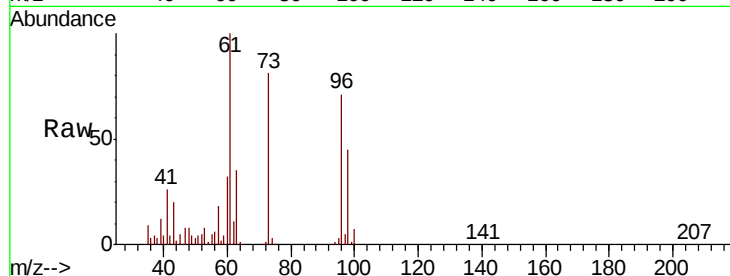
Tgt Ion: 96 Resp: 82046

Ion Ratio Lower Upper

96 100

61 140.9 122.3 183.5

98 63.5 50.5 75.7



#22

Diisopropyl ether

Concen: 20.558 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Tgt Ion: 45 Resp: 289368

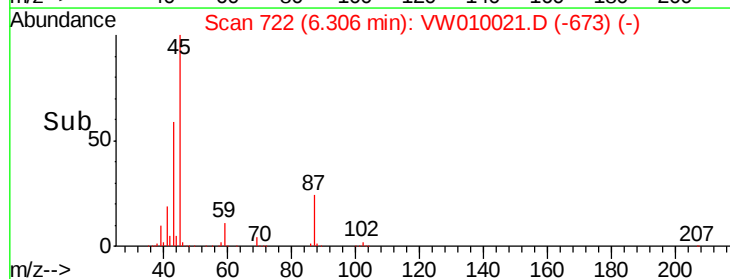
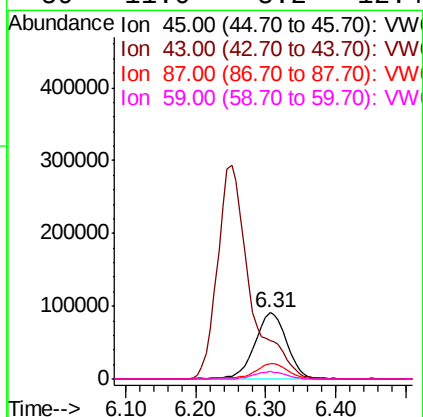
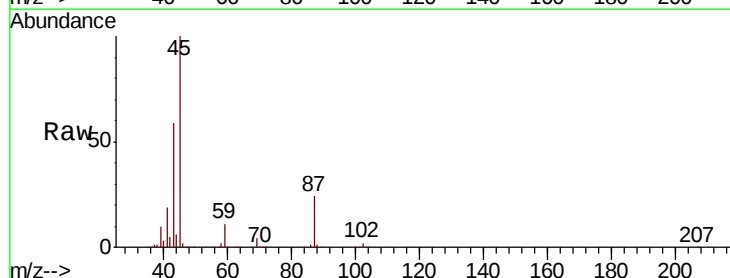
Ion Ratio Lower Upper

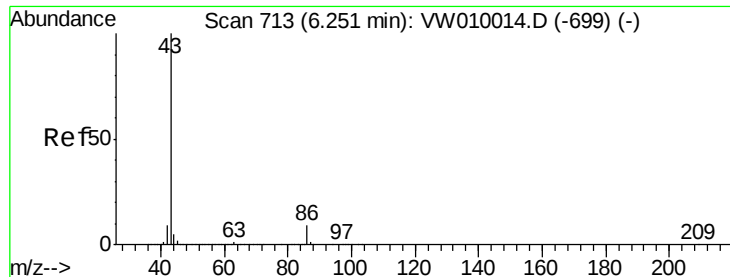
45 100

43 58.4 46.1 69.1

87 23.7 18.3 27.5

59 11.0 8.2 12.4





#23

Vinyl Acetate

Concen: 107.350 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

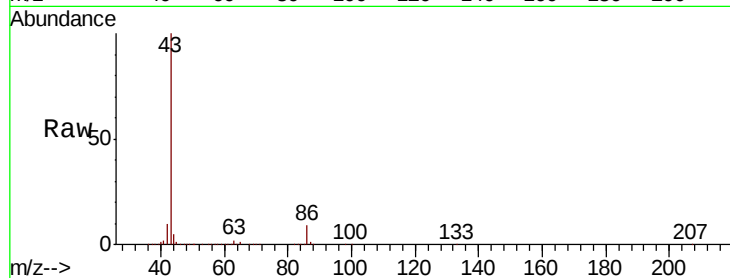
VW0417SBS01

Tgt Ion: 43 Resp: 951191

Ion Ratio Lower Upper

43 100

86 9.5 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

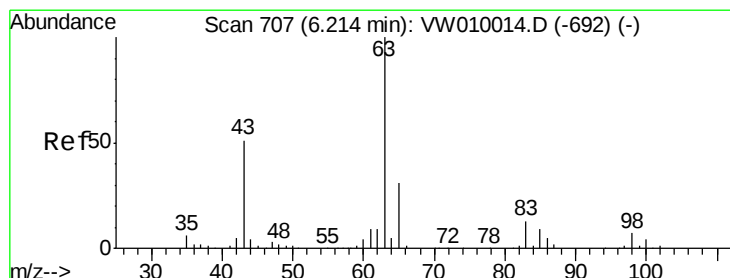
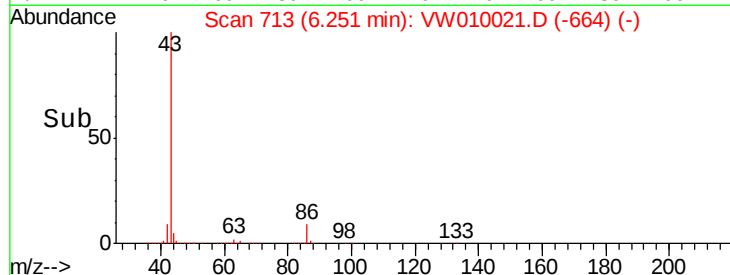
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.901 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

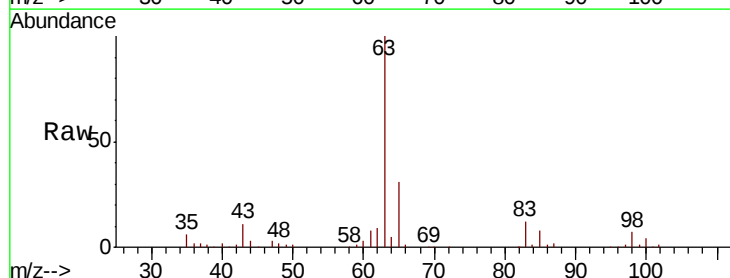
Tgt Ion: 63 Resp: 167455

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 3.7 2.0 6.0



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

6.20

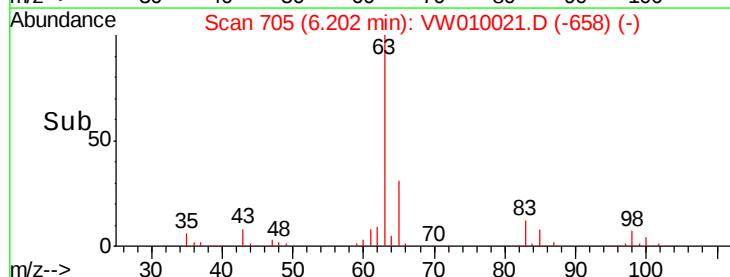
60000

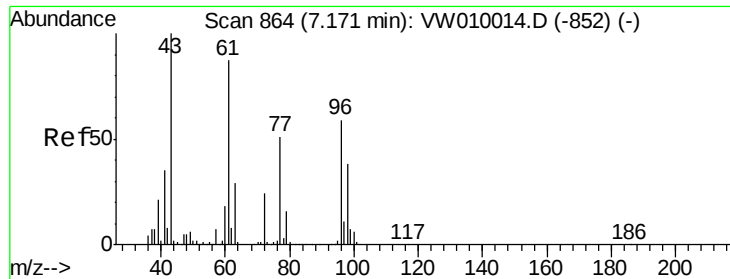
40000

20000

0

Time-->





#25

2-Butanone

Concen: 108.993 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

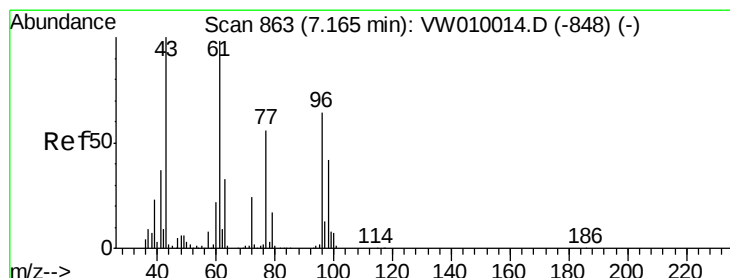
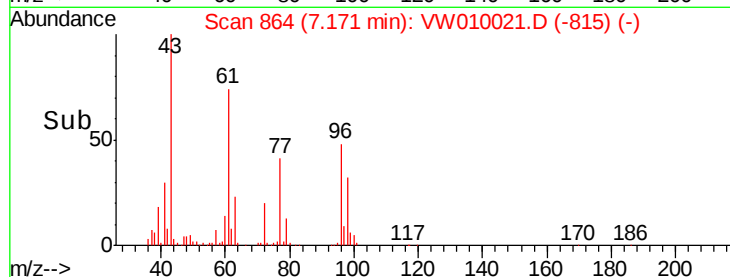
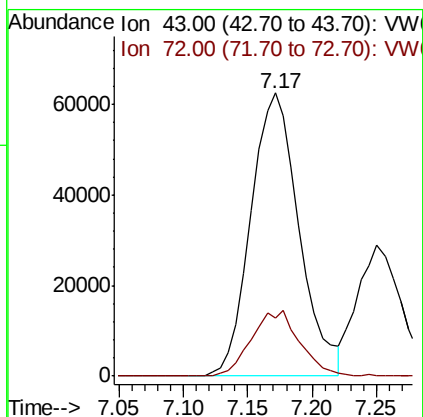
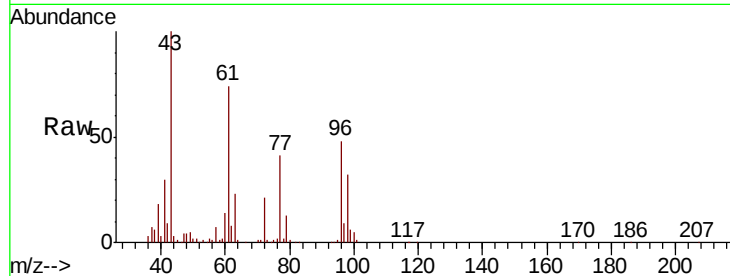
VW0417SBS01

Tgt Ion: 43 Resp: 161852

Ion Ratio Lower Upper

43 100

72 20.6 19.1 28.7



#26

2,2-Dichloropropane

Concen: 19.352 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010021.D

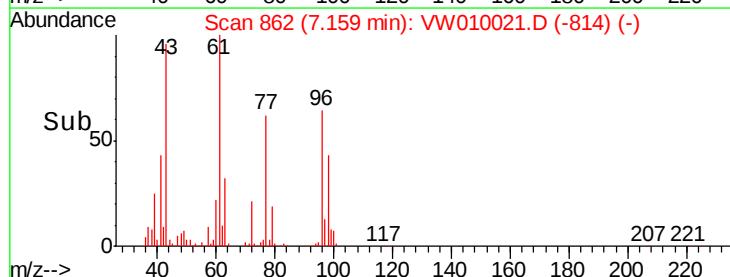
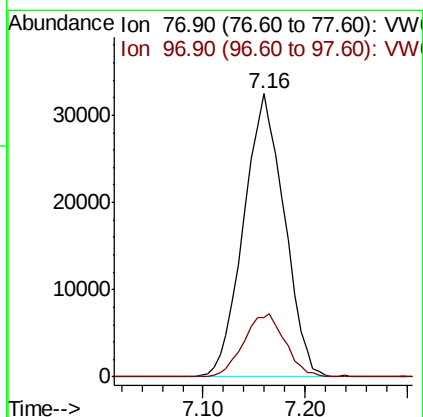
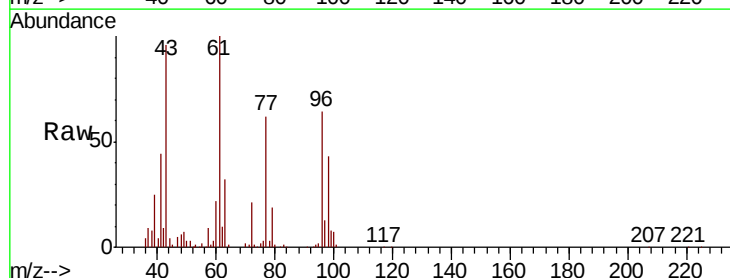
Acq: 17 Apr 2019 17:34

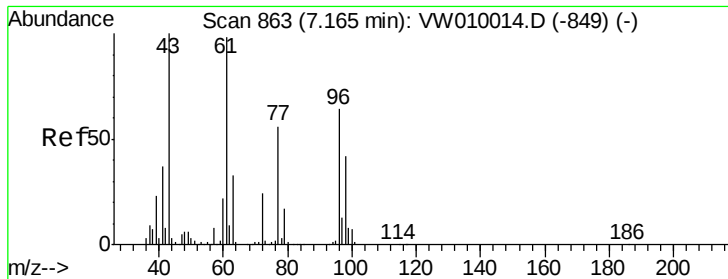
Tgt Ion: 77 Resp: 90087

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9



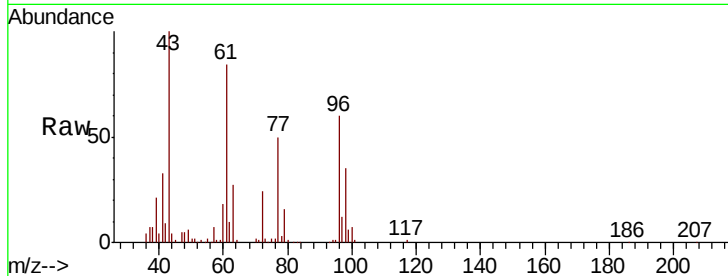


#27

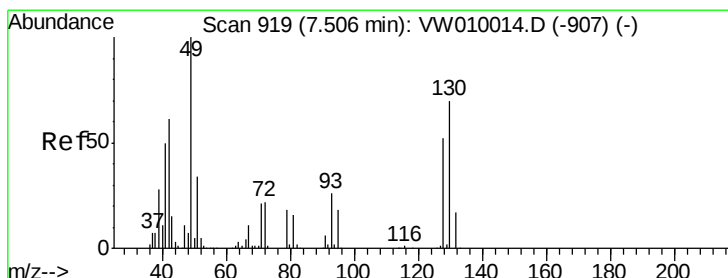
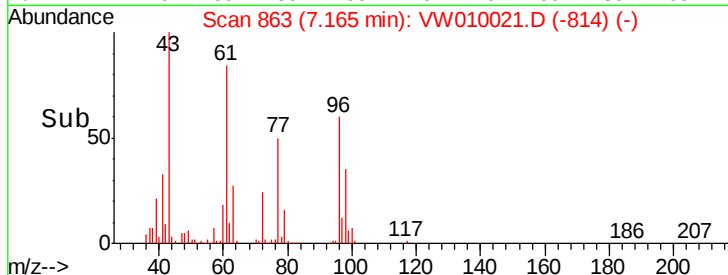
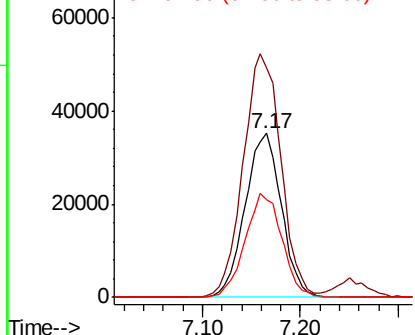
cis-1,2-Dichloroethene
Concen: 19.592 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

Tgt Ion: 96 Resp: 91070
Ion Ratio Lower Upper
96 100
61 153.8 0.0 309.4
98 64.3 0.0 128.6



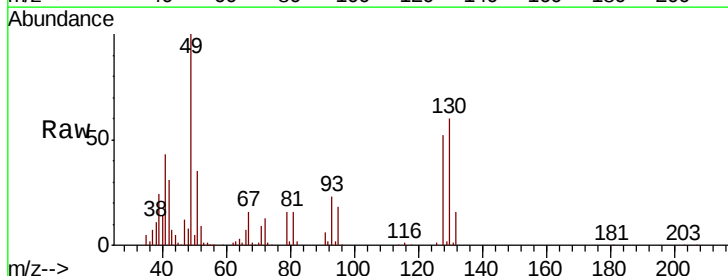
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



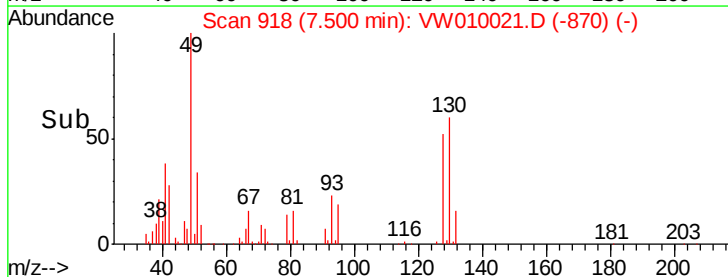
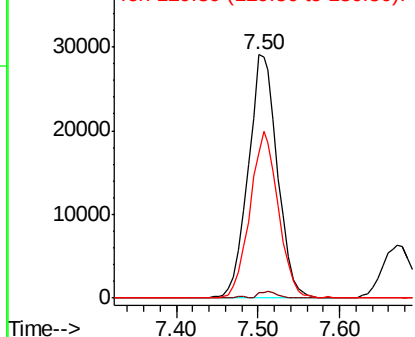
#28

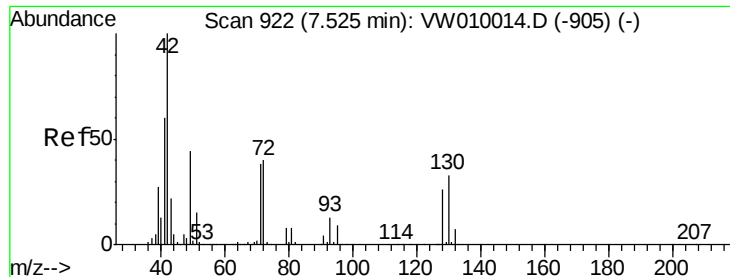
Bromochloromethane
Concen: 21.081 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion: 49 Resp: 72489
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 66.4 54.6 82.0



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

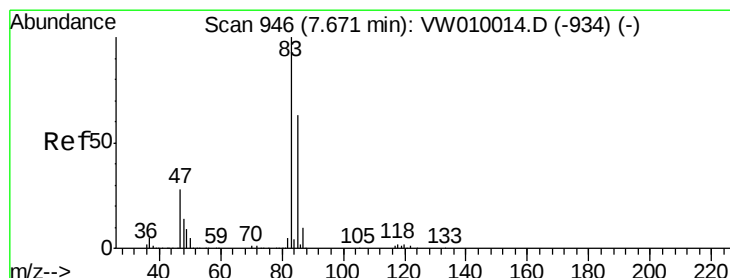
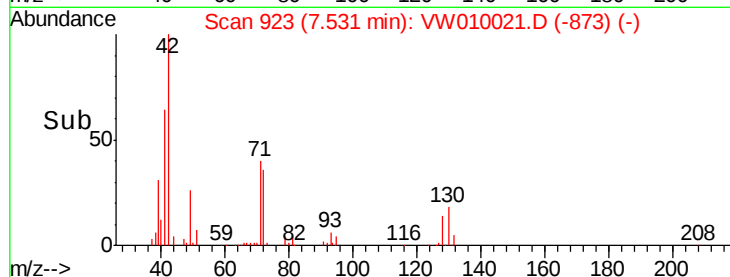
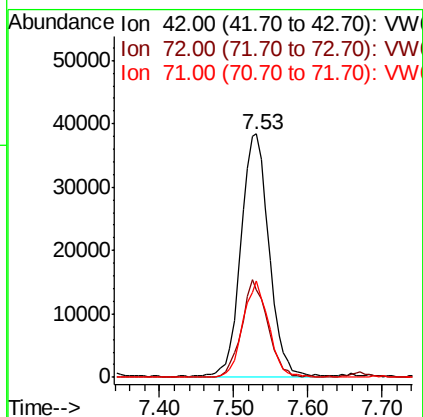
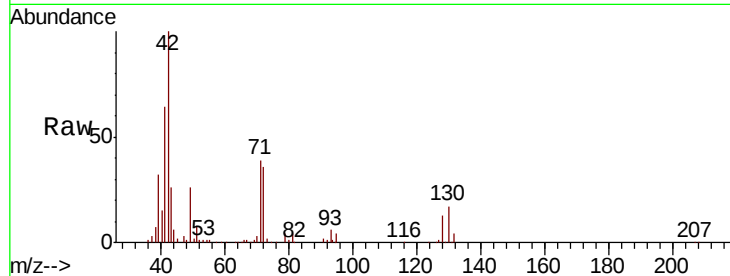




#29
Tetrahydrofuran
Concen: 108.415 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

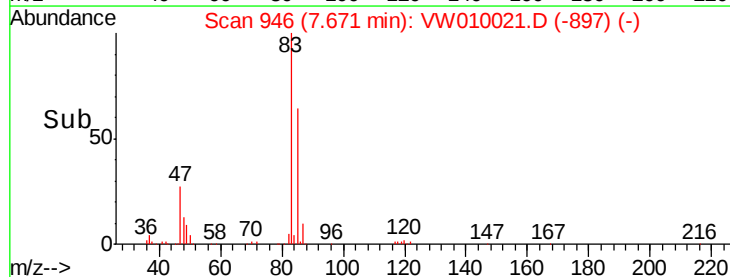
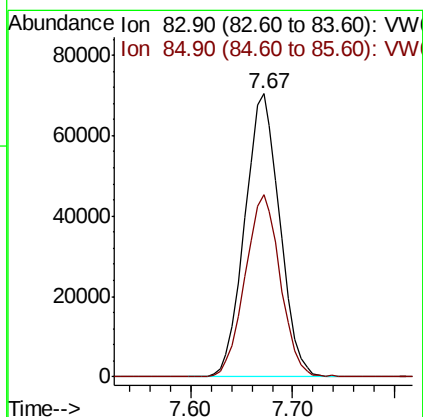
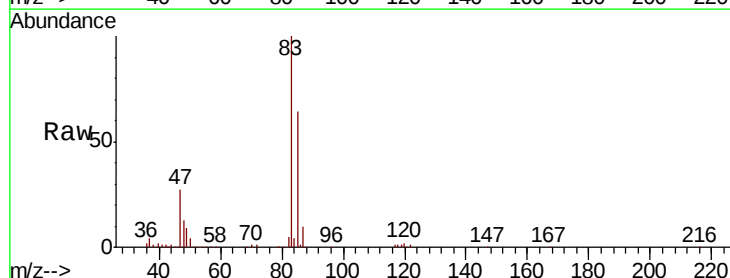
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

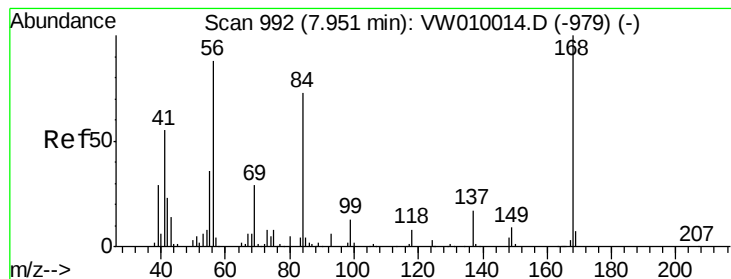
Tgt Ion: 42 Resp: 102011
Ion Ratio Lower Upper
42 100
72 37.1 31.0 46.6
71 36.3 29.7 44.5



#30
Chloroform
Concen: 19.896 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion: 83 Resp: 167750
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1





#31

Cyclohexane

Concen: 19.450 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampled :

VW0417SBS01

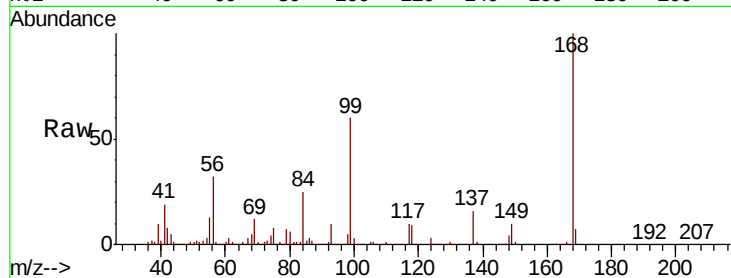
Tgt Ion: 56 Resp: 153251

Ion Ratio Lower Upper

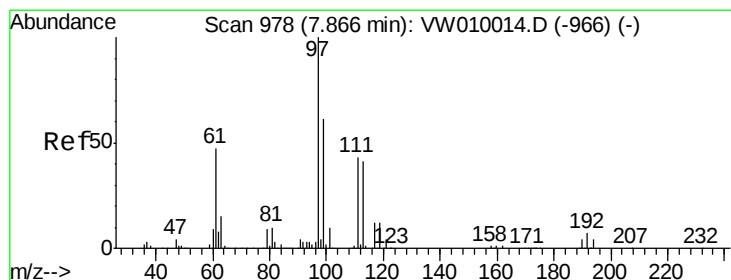
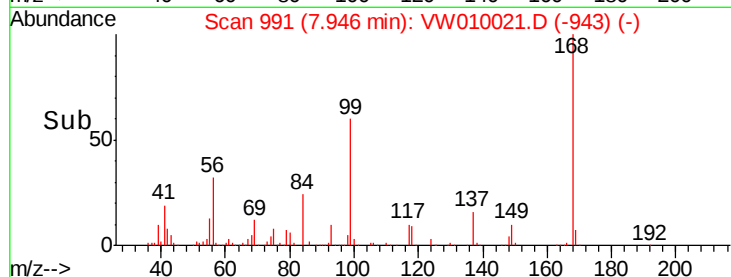
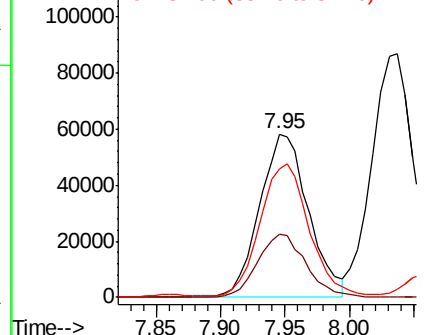
56 100

69 38.8 26.6 40.0

84 77.6 66.2 99.2



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



#32

1,1,1-Trichloroethane

Concen: 19.566 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

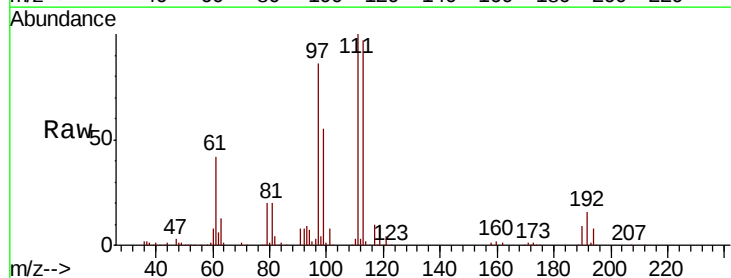
Tgt Ion: 97 Resp: 129507

Ion Ratio Lower Upper

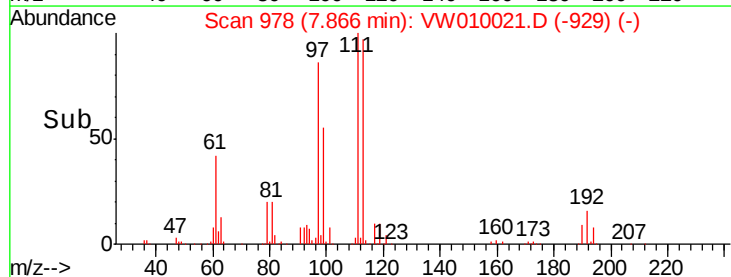
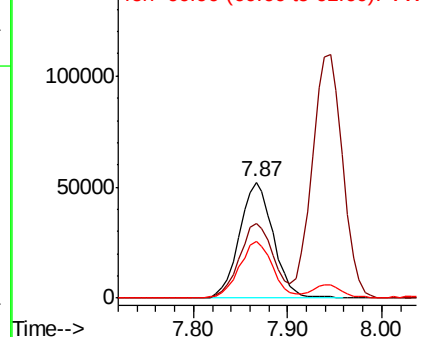
97 100

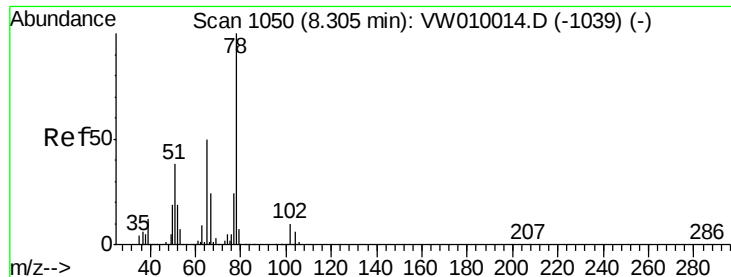
99 65.4 50.2 75.2

61 48.5 38.2 57.2



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

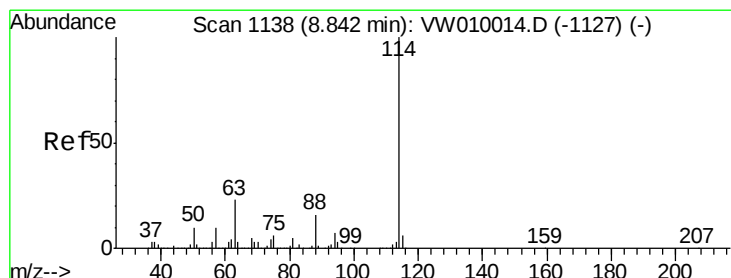
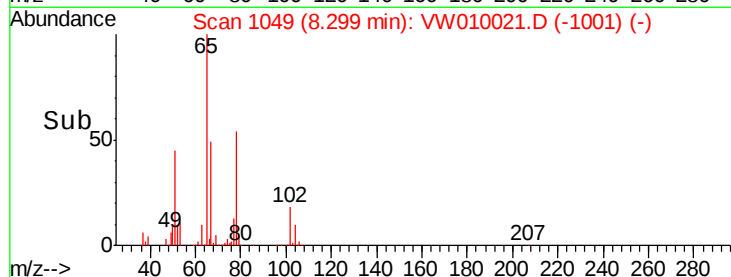
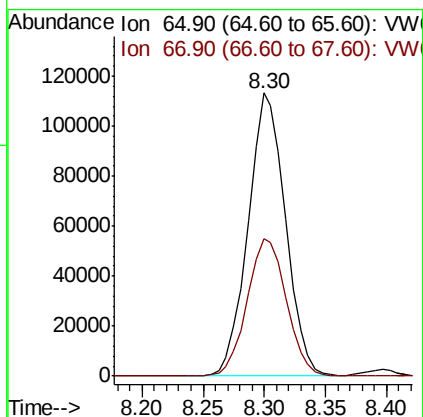
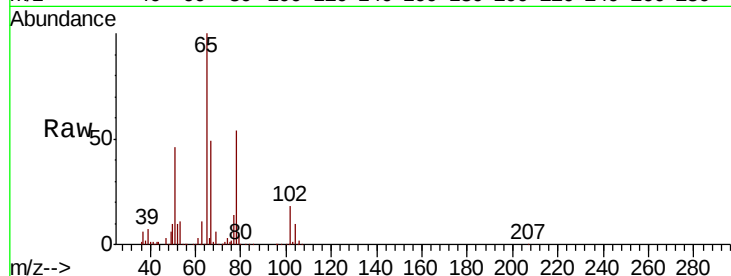




#33
 1,2-Dichloroethane-d4
 Concen: 49.511 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

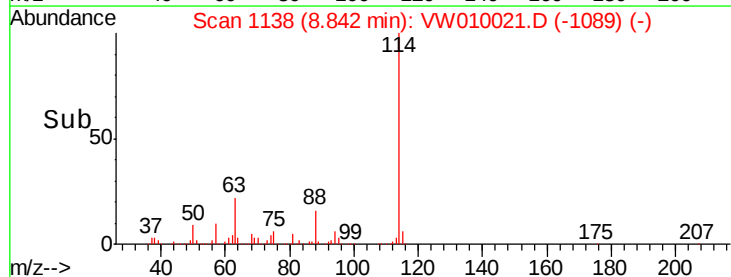
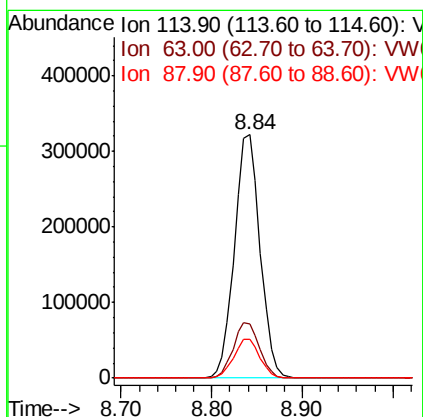
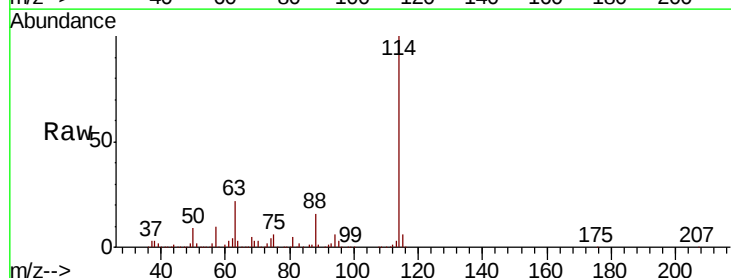
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

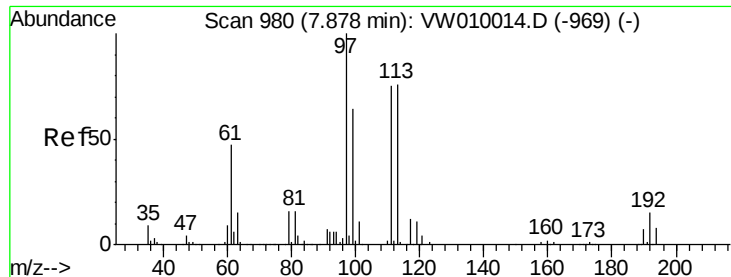
Tgt Ion: 65 Resp: 241229
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Tgt Ion: 114 Resp: 629037
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.2
 88 15.7 0.0 32.6

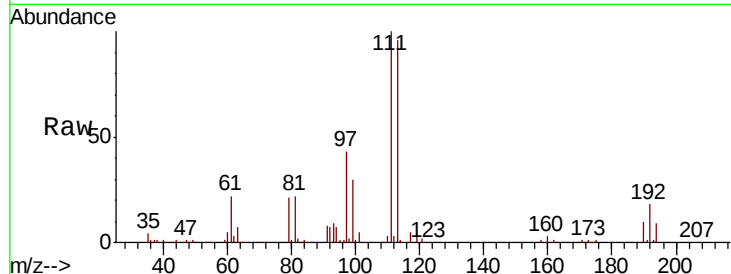




#35
 Dibromofluoromethane
 Concen: 48.713 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	19.1	15.4	23.2

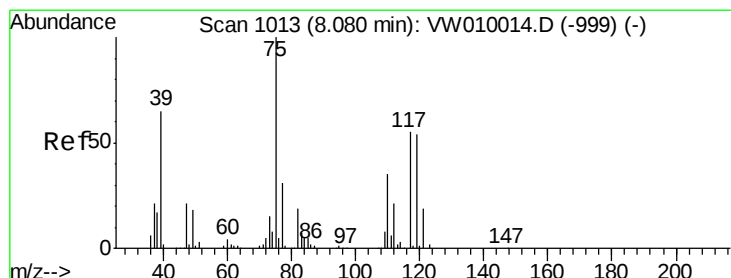
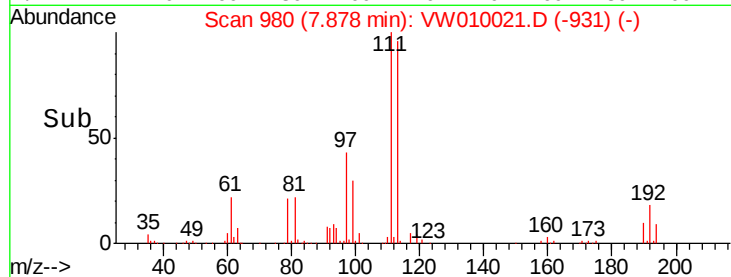
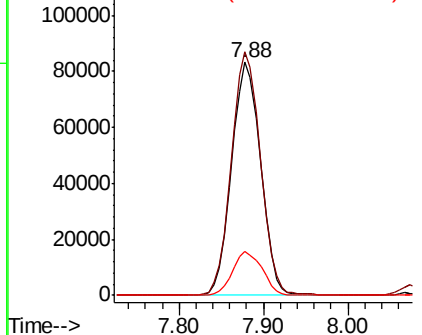


Abundance

Ion 112.80 (112.50 to 113.50): V

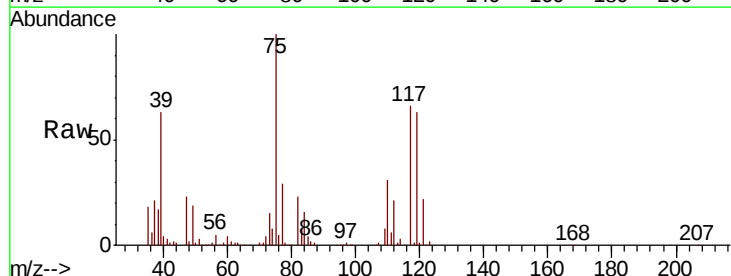
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.429 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.6	49.8
77	31.3	24.8	37.2

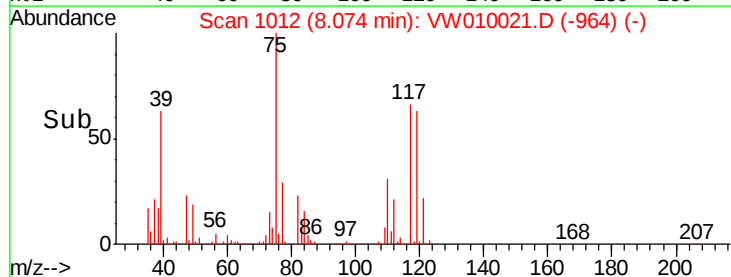
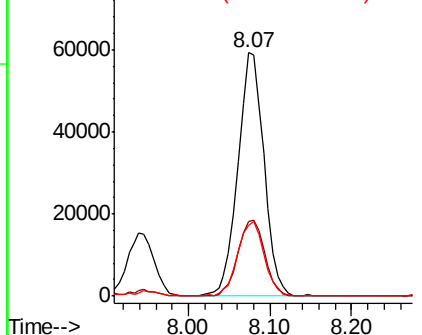


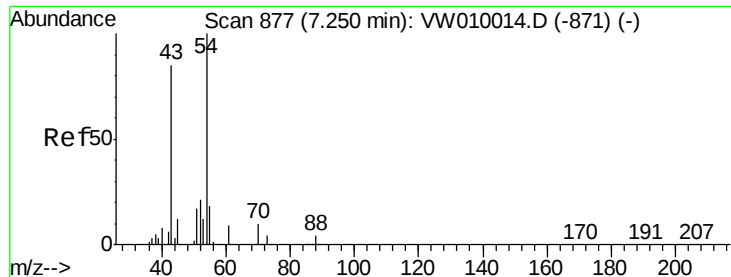
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

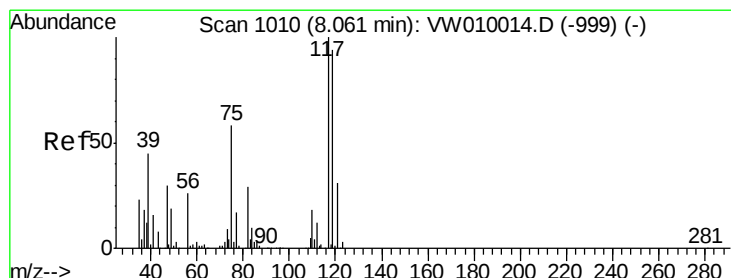
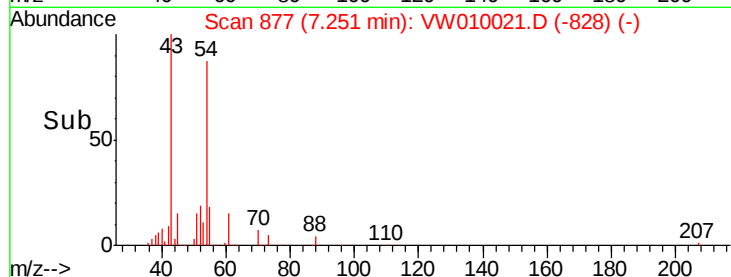
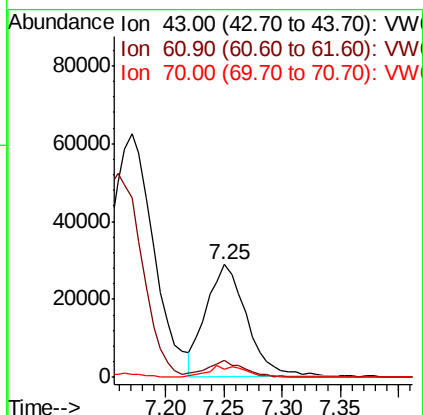
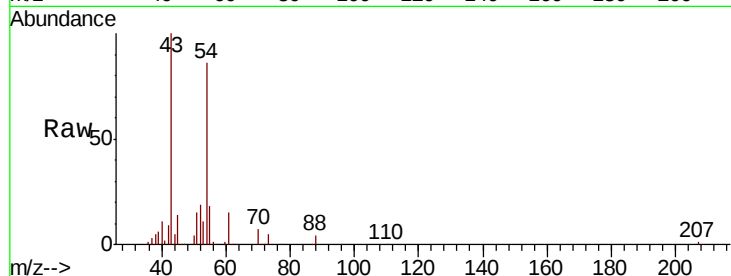




#37
Ethyl Acetate
Concen: 21.047 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

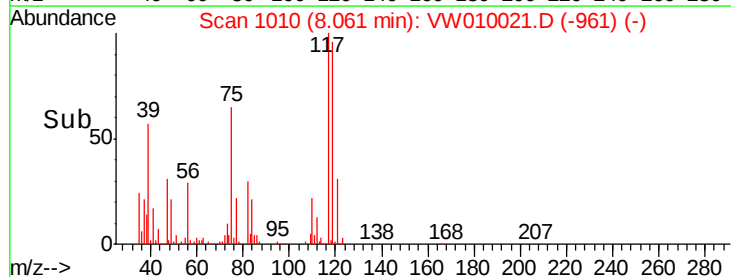
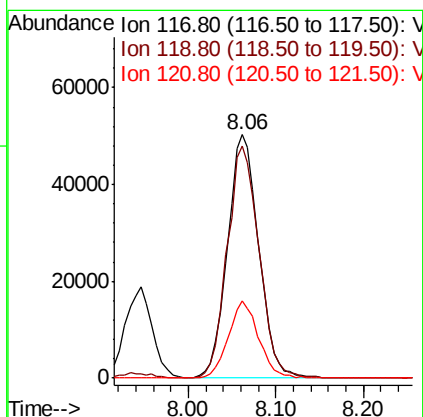
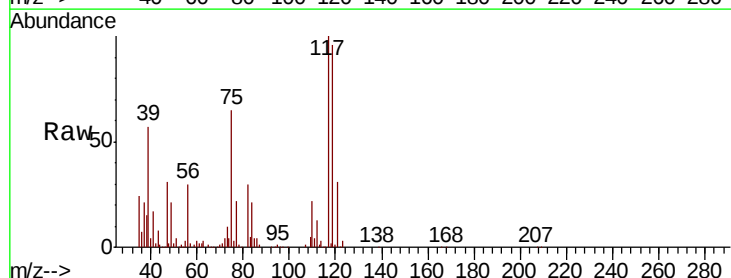
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

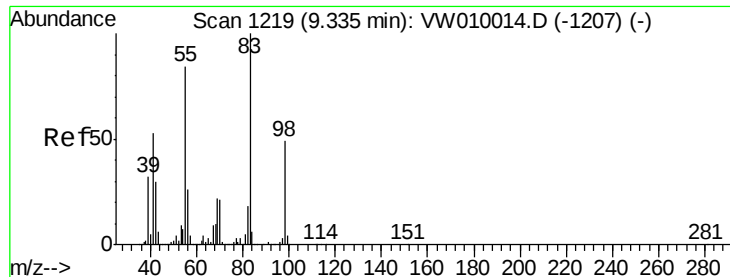
Tgt Ion: 43 Resp: 68721
Ion Ratio Lower Upper
43 100
61 13.4 9.8 14.8
70 9.8 7.4 11.0



#38
Carbon Tetrachloride
Concen: 19.942 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion: 117 Resp: 125057
Ion Ratio Lower Upper
117 100
119 95.5 75.3 112.9
121 31.5 24.4 36.6

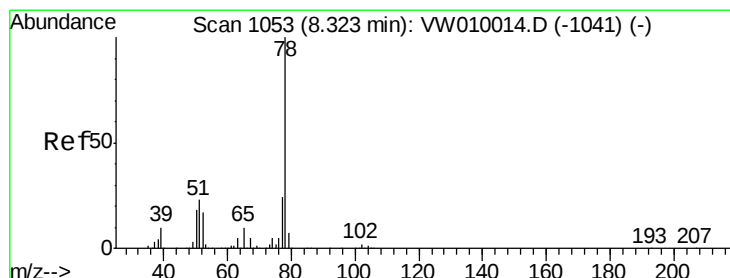
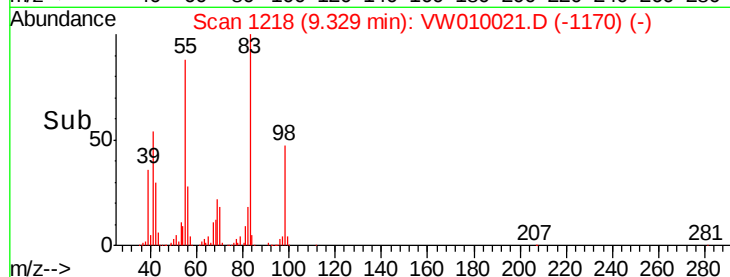
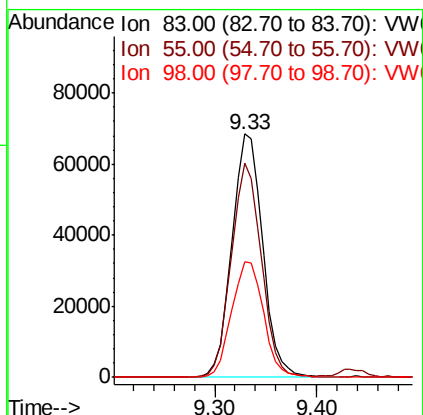
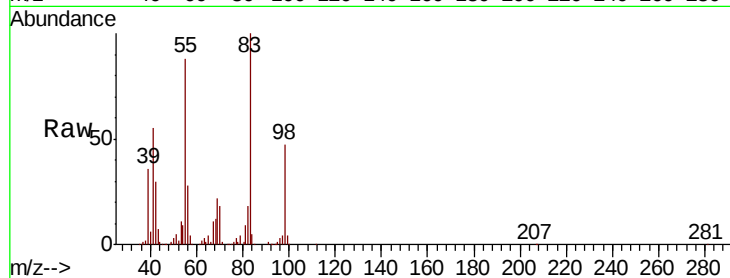




#39
Methylcyclohexane
Concen: 19.024 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

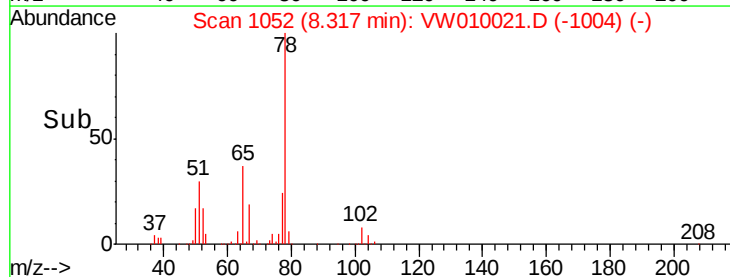
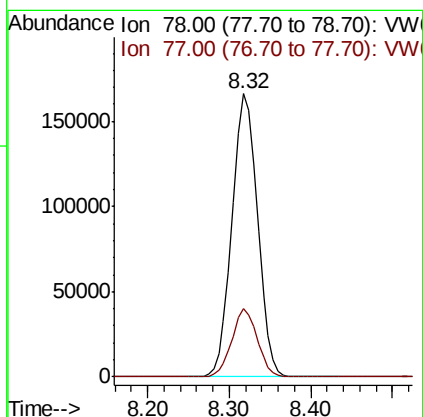
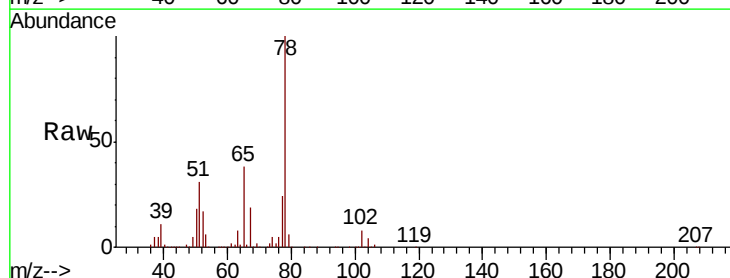
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

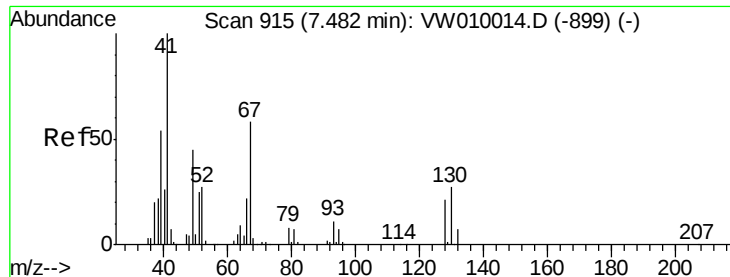
Tgt Ion: 83 Resp: 142803
Ion Ratio Lower Upper
83 100
55 87.7 67.1 100.7
98 47.5 39.2 58.8



#40
Benzene
Concen: 20.421 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion: 78 Resp: 358778
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

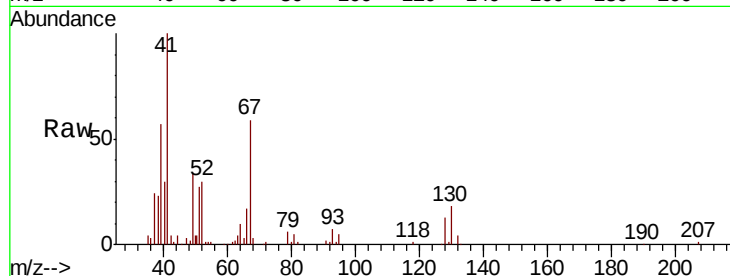




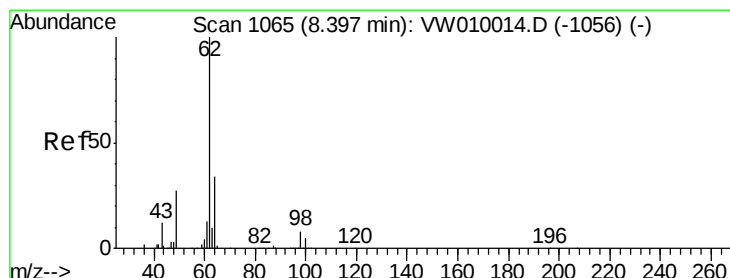
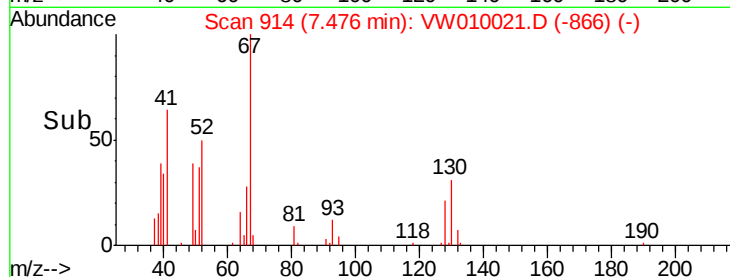
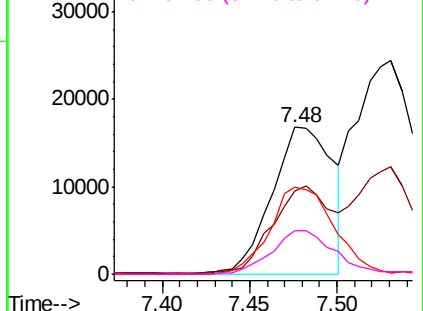
#41
Methacrylonitrile
Concen: 21.851 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

Tgt Ion:	41	Resp:	40662
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.0	67.4
67	63.3	50.7	76.1
52	31.6	22.6	33.8

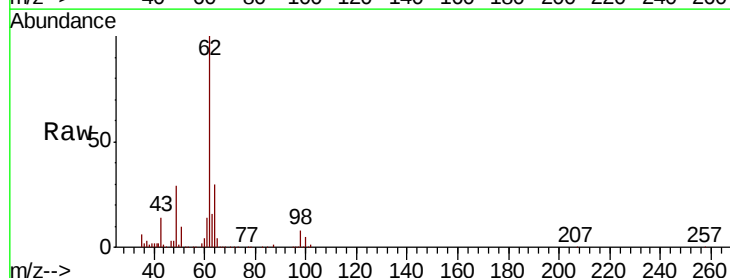


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

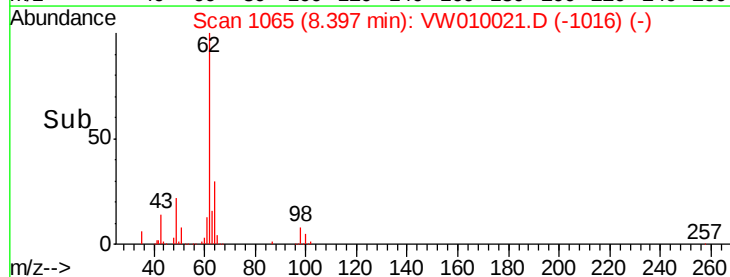
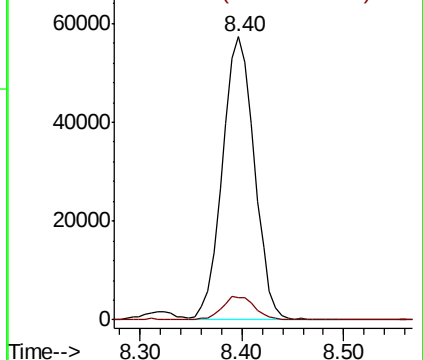


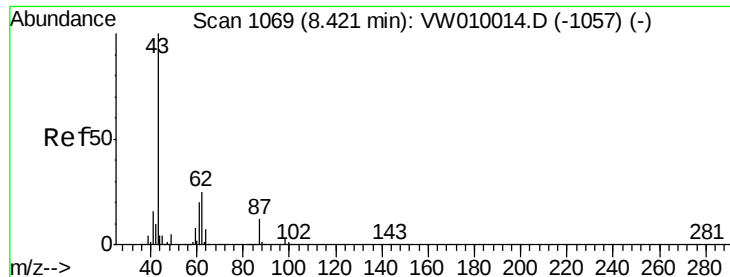
#42
1,2-Dichloroethane
Concen: 20.589 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion:	62	Resp:	124310
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.735 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

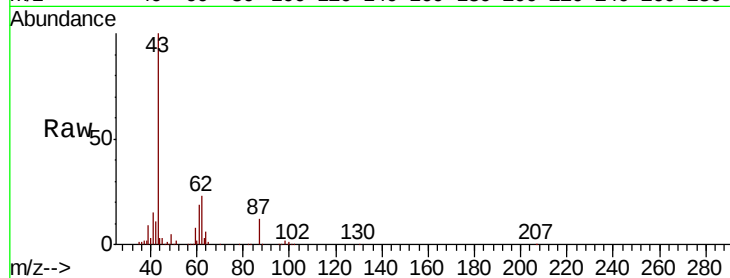
Tgt Ion: 43 Resp: 132985

Ion Ratio Lower Upper

43 100

61 27.0 23.0 34.6

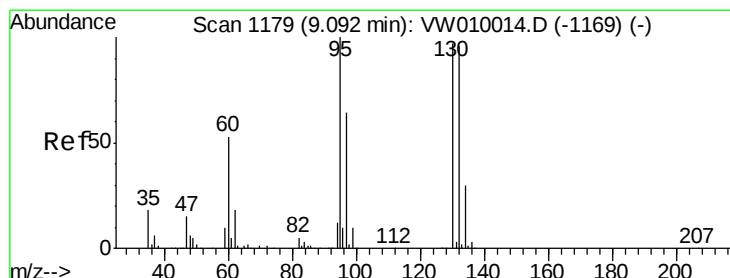
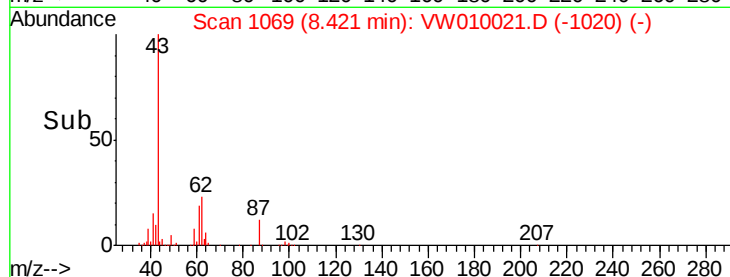
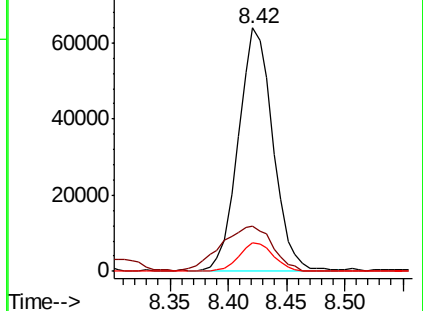
87 11.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.785 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010021.D

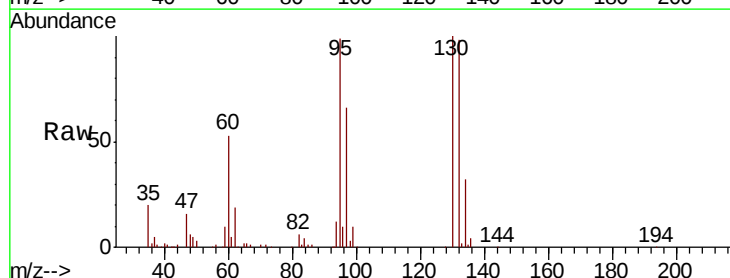
Acq: 17 Apr 2019 17:34

Tgt Ion: 130 Resp: 88287

Ion Ratio Lower Upper

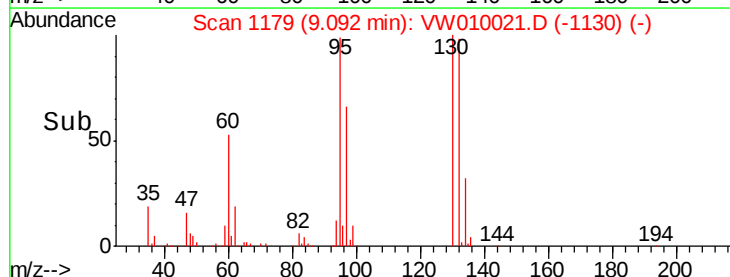
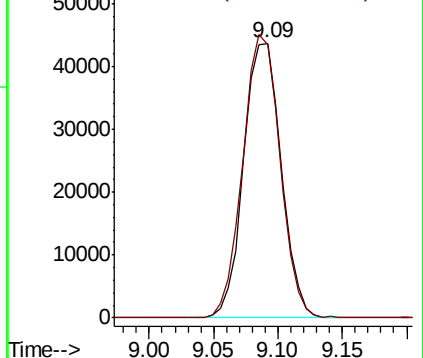
130 100

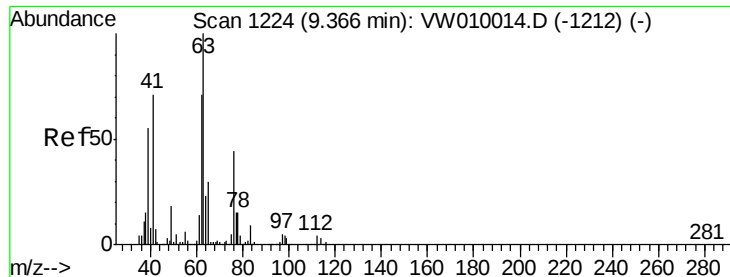
95 99.2 0.0 205.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.297 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

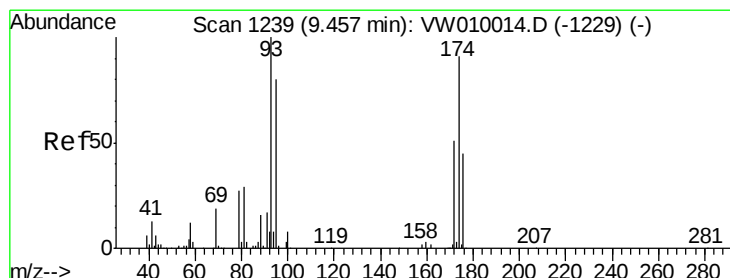
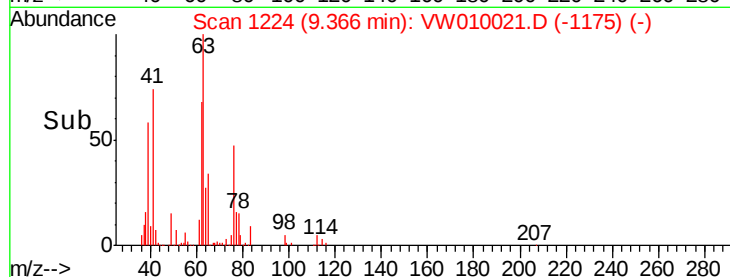
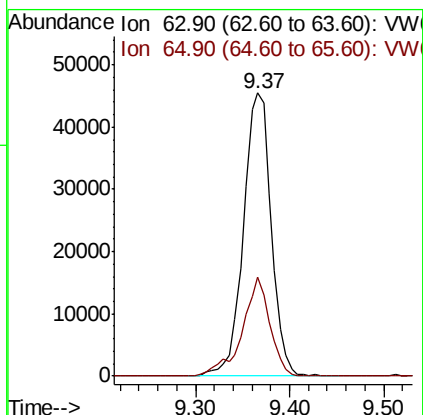
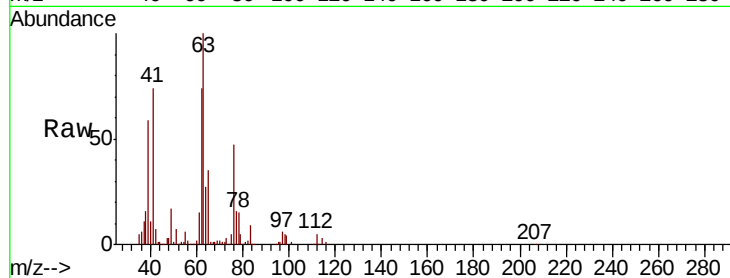
VW0417SBS01

Tgt Ion: 63 Resp: 93730

Ion Ratio Lower Upper

63 100

65 35.0 23.8 35.6



#46

Dibromomethane

Concen: 20.673 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

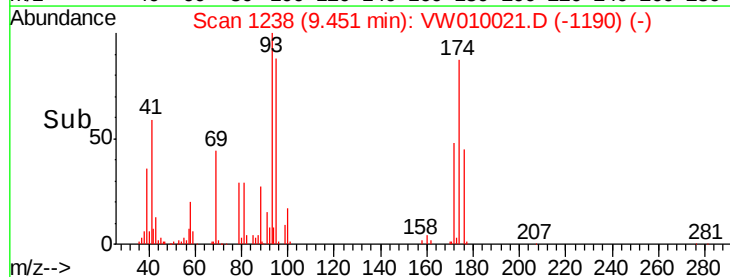
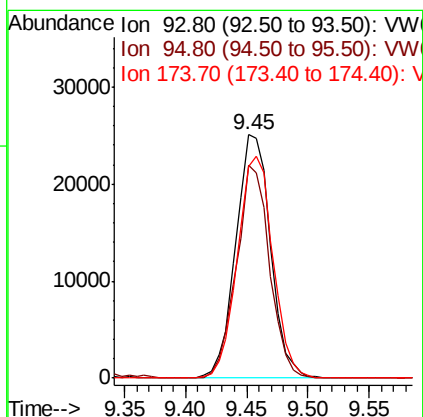
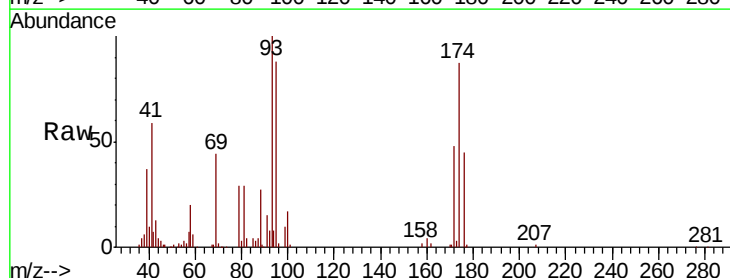
Tgt Ion: 93 Resp: 49480

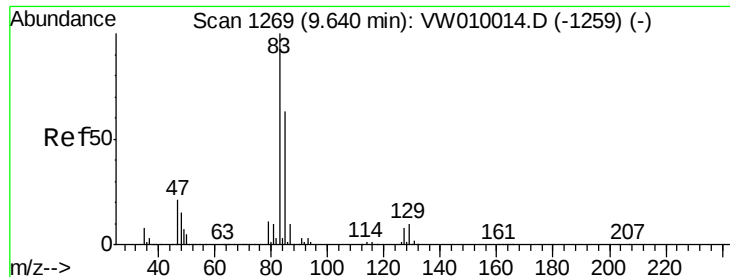
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 92.6 75.5 113.3





#47

Bromodichloromethane

Concen: 19.691 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

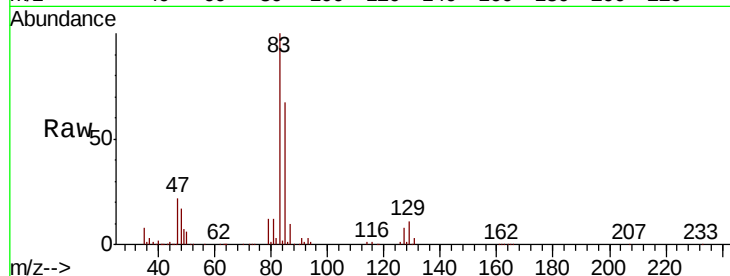
Tgt Ion: 83 Resp: 121664

Ion Ratio Lower Upper

83 100

85 66.9 50.6 75.8

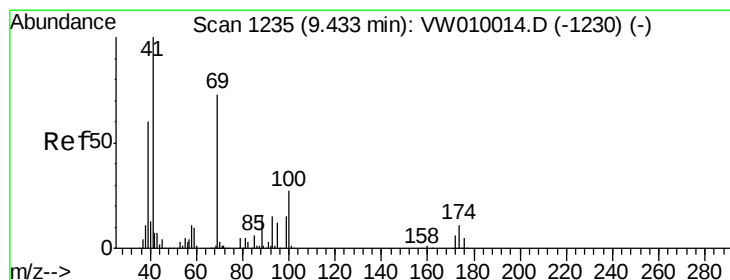
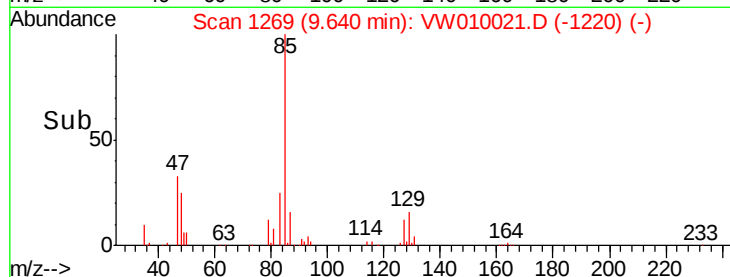
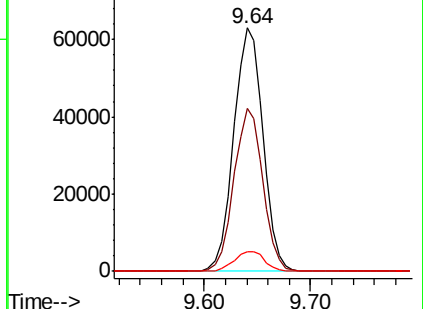
127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 21.434 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

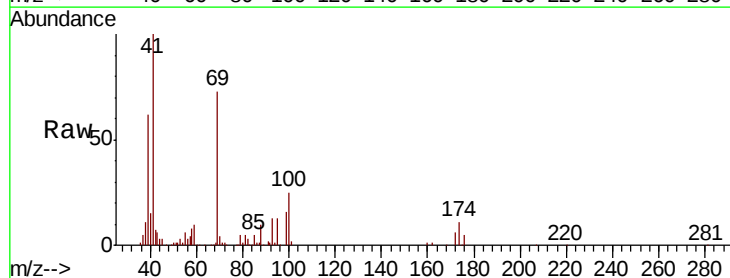
Tgt Ion: 41 Resp: 63836

Ion Ratio Lower Upper

41 100

69 77.0 60.1 90.1

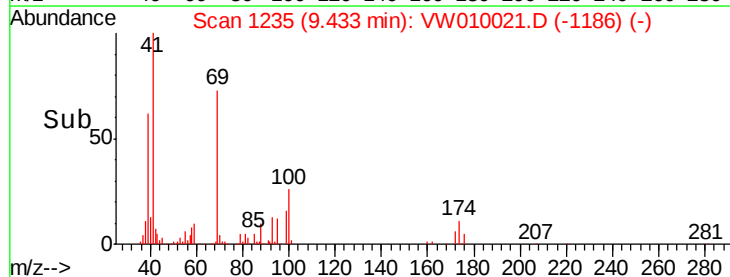
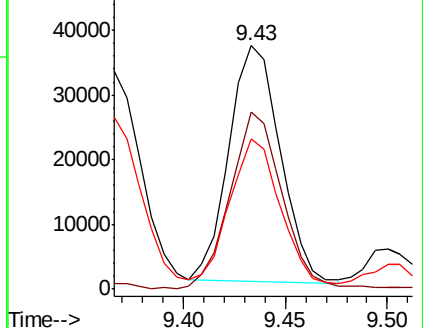
39 64.2 51.0 76.6

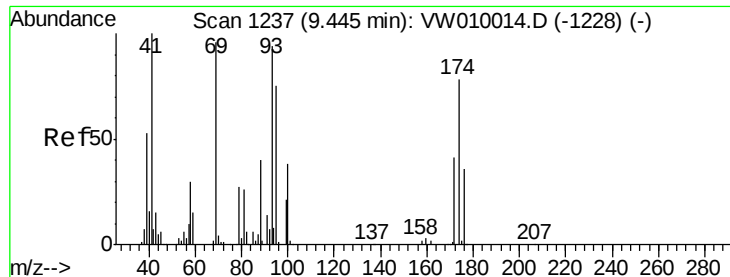


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 395.790 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

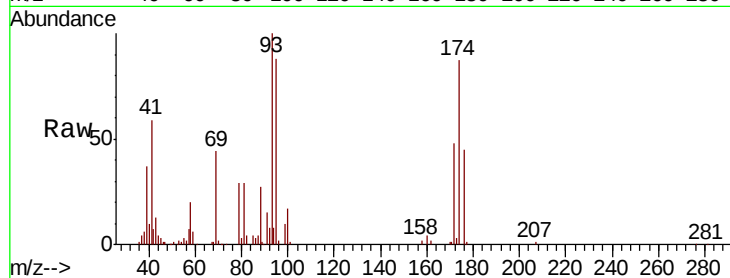
Tgt Ion: 88 Resp: 14475

Ion Ratio Lower Upper

88 100

43 41.7 31.9 47.9

58 84.6 61.8 92.6

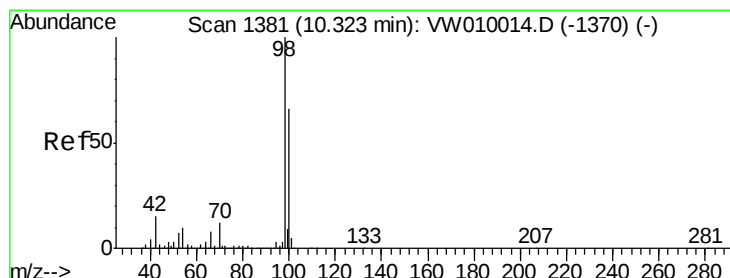
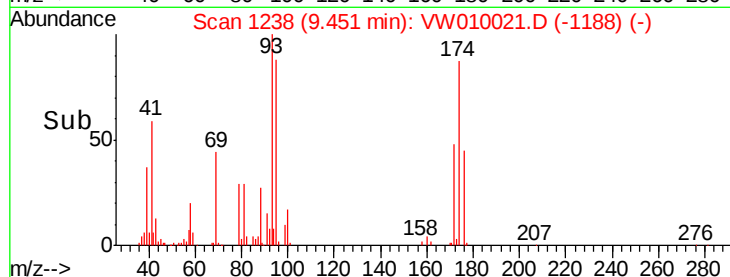
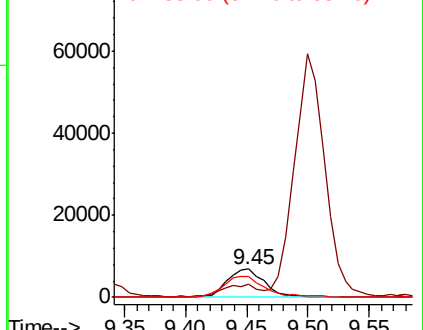


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.276 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010021.D

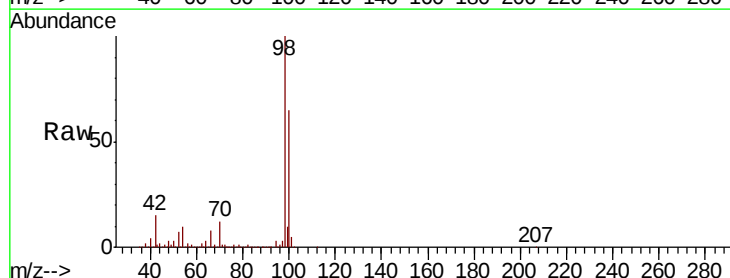
Acq: 17 Apr 2019 17:34

Tgt Ion: 98 Resp: 753423

Ion Ratio Lower Upper

98 100

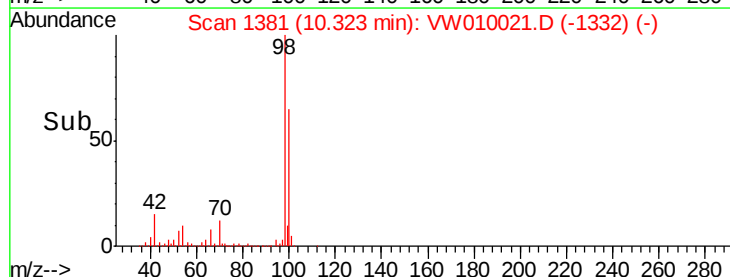
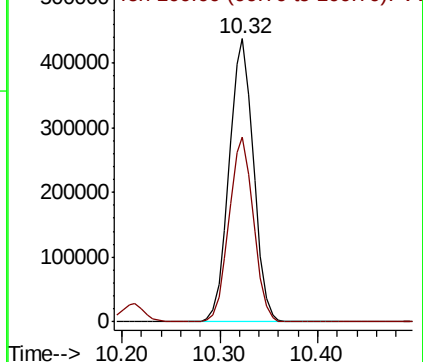
100 65.4 52.3 78.5

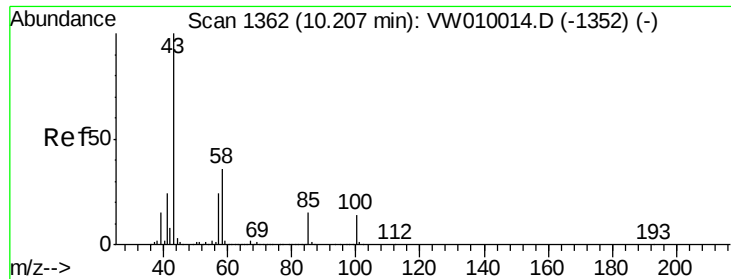


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

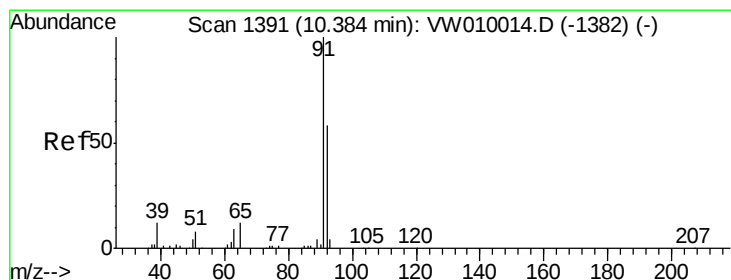
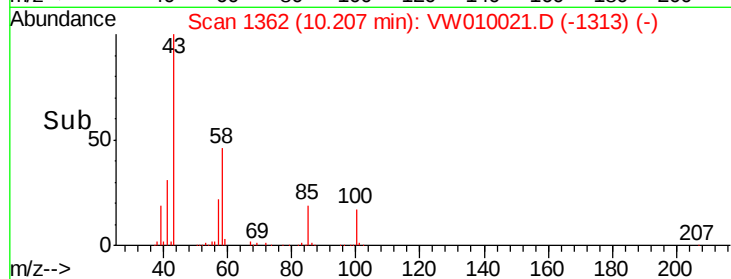
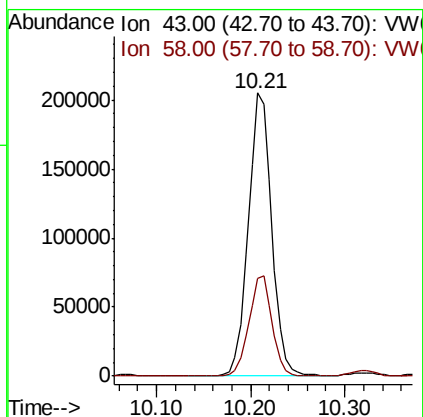
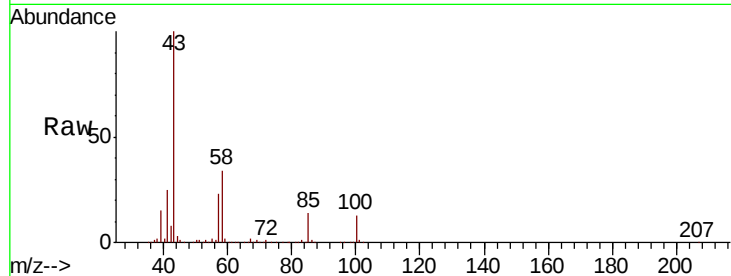




#51
 4-Methyl-2-Pentanone
 Concen: 111.570 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

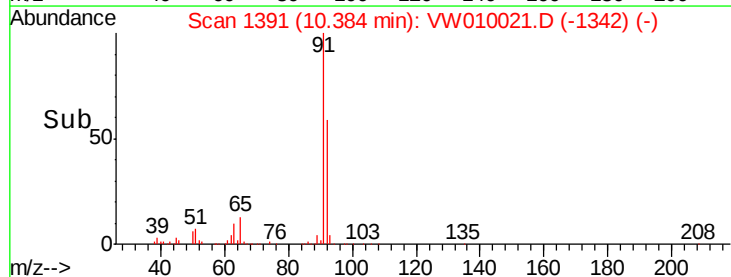
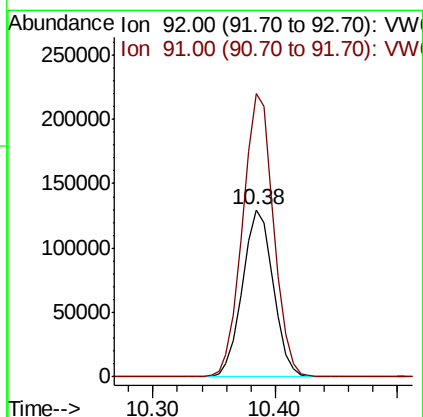
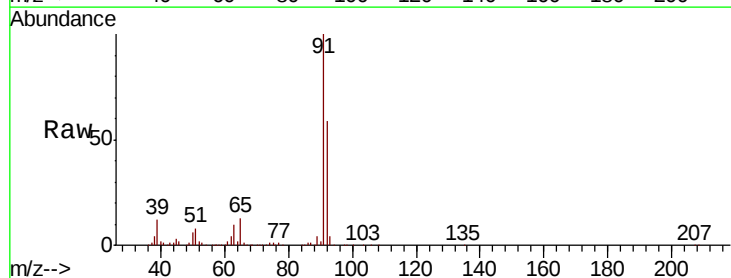
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

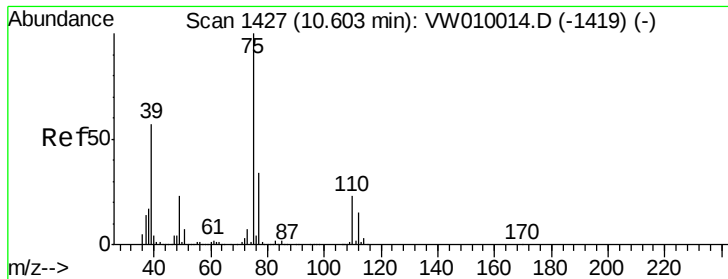
Tgt Ion: 43 Resp: 357531
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.9 43.3



#52
 Toluene
 Concen: 20.720 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Tgt Ion: 92 Resp: 226761
 Ion Ratio Lower Upper
 92 100
 91 170.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 20.809 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

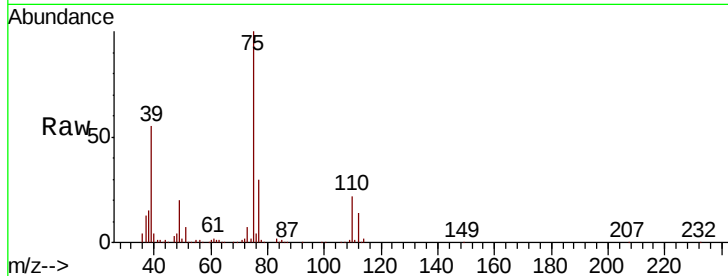
VW0417SBS01

Tgt Ion: 75 Resp: 127475

Ion Ratio Lower Upper

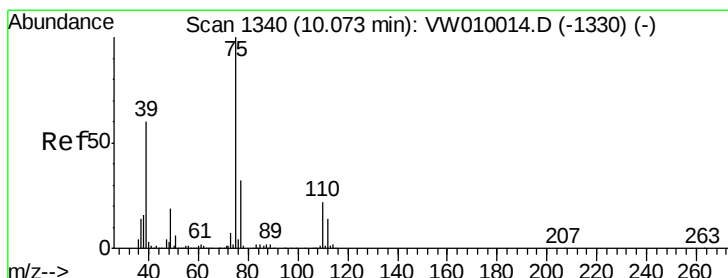
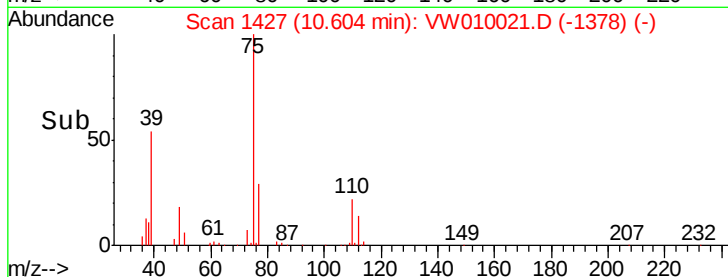
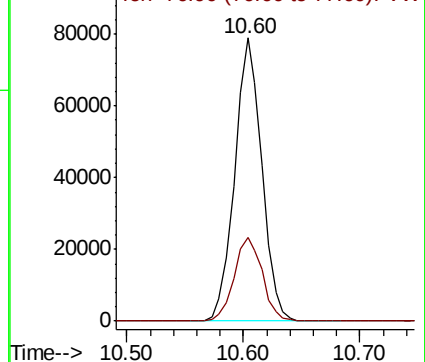
75 100

77 29.7 26.9 40.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.089 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

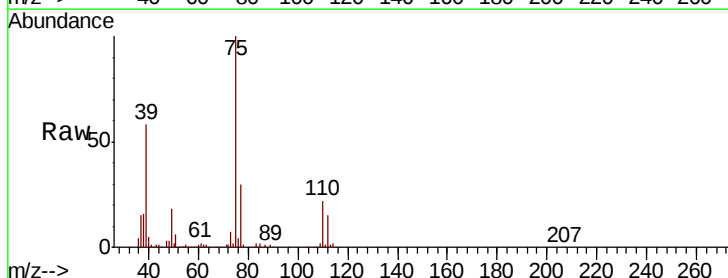
Tgt Ion: 75 Resp: 140520

Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4

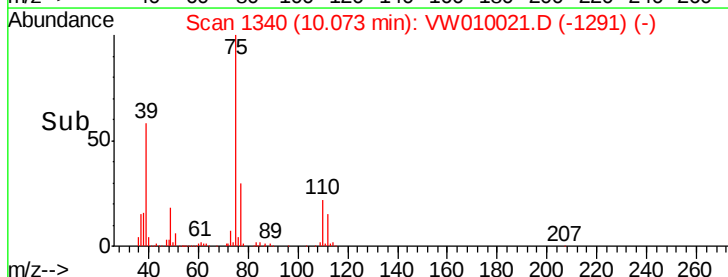
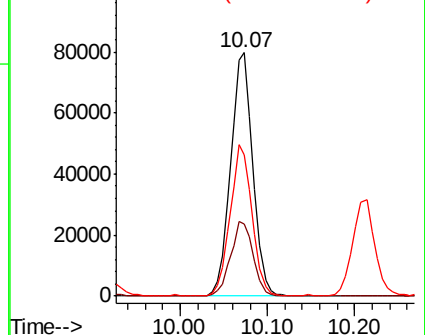
39 57.7 47.8 71.6

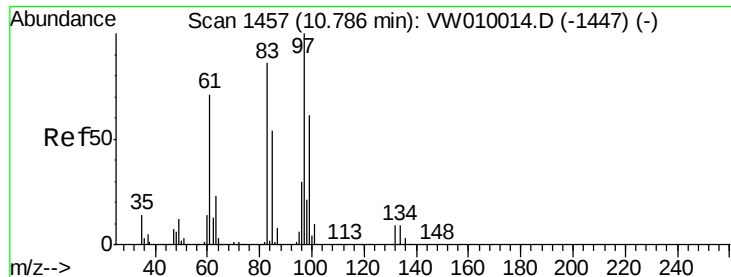


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 20.660 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

Tgt Ion: 97 Resp: 69020

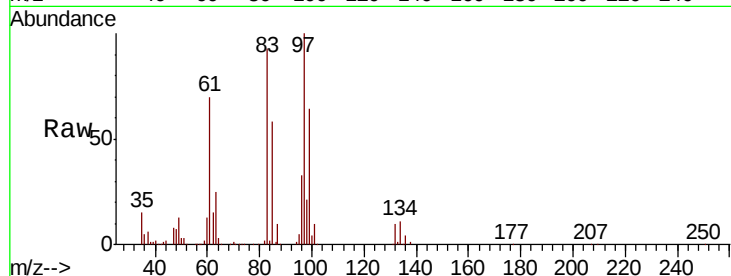
Ion Ratio Lower Upper

97 100

83 93.3 68.9 103.3

85 57.6 42.9 64.3

99 64.2 48.6 72.8

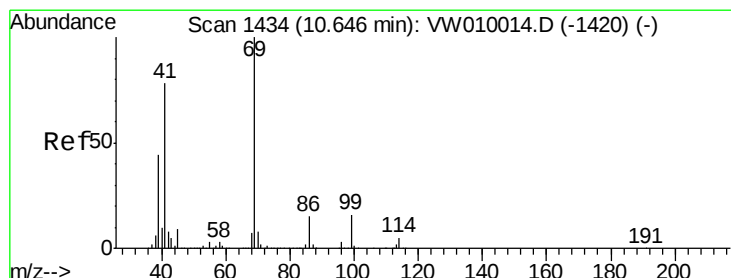
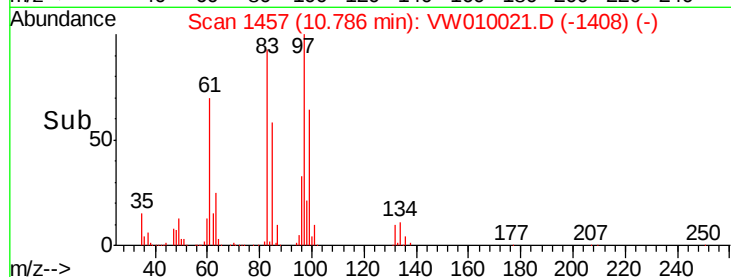
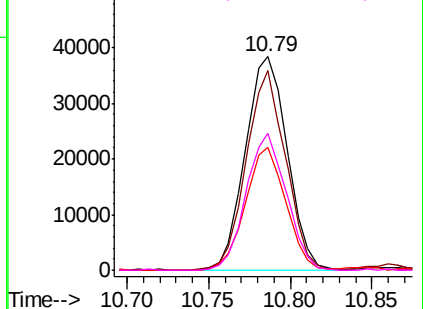


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.318 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

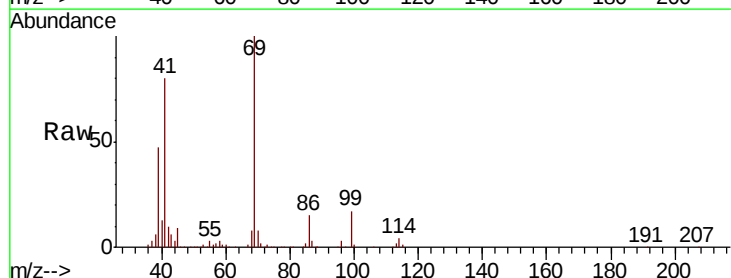
Tgt Ion: 69 Resp: 86573

Ion Ratio Lower Upper

69 100

41 78.1 61.0 91.6

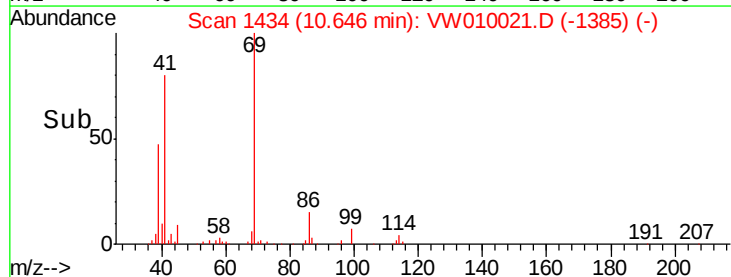
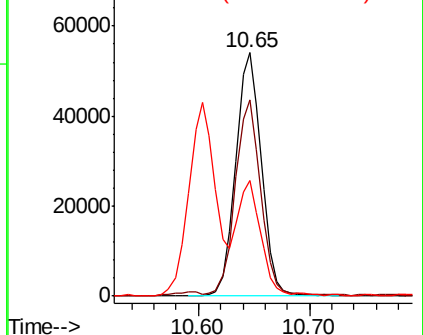
39 41.2 33.8 50.6

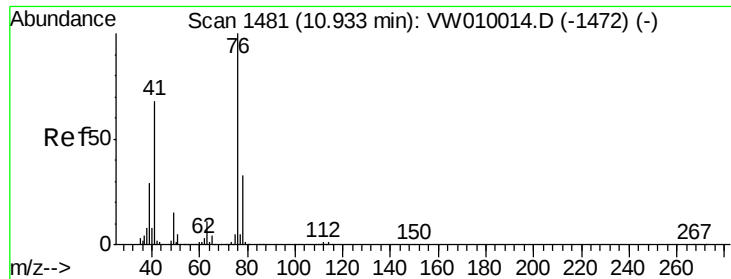


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

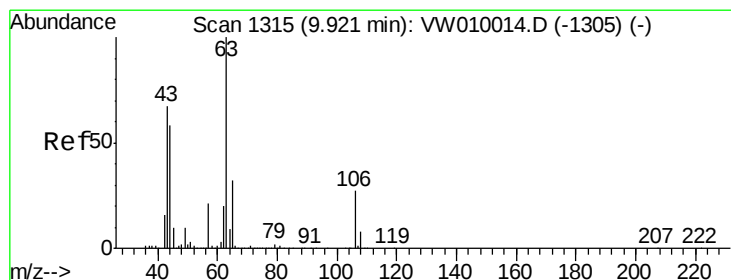
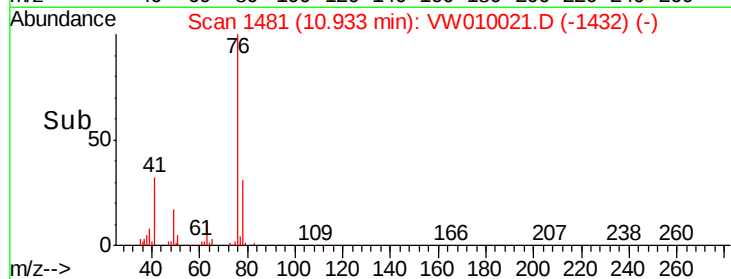
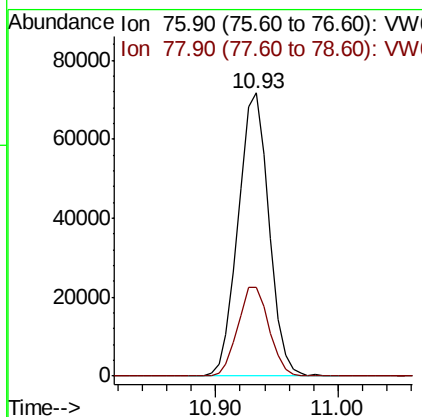
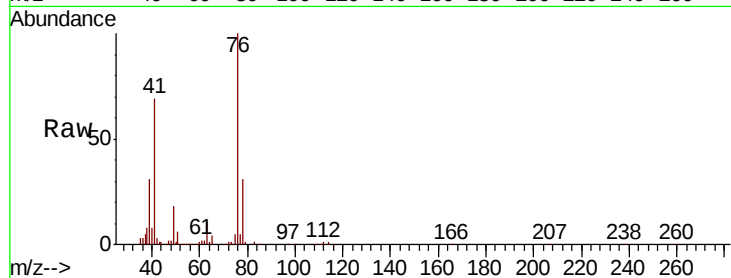




#57
 1,3-Dichloropropane
 Concen: 20.885 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

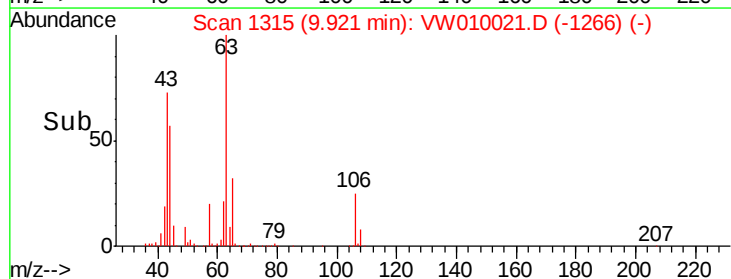
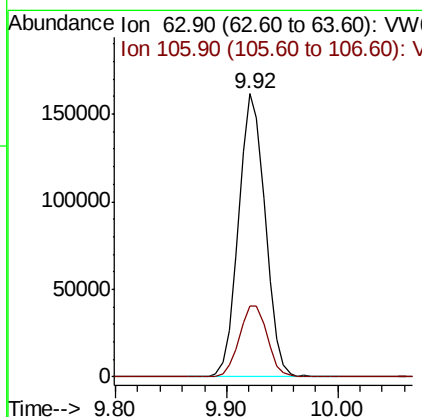
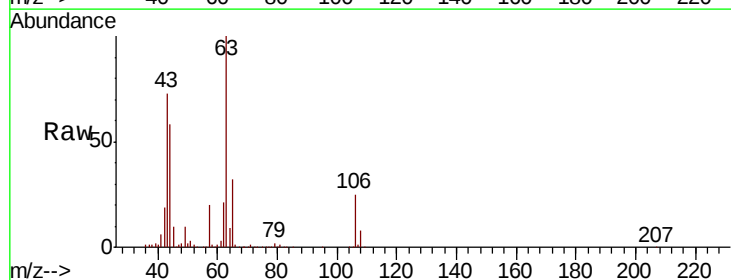
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

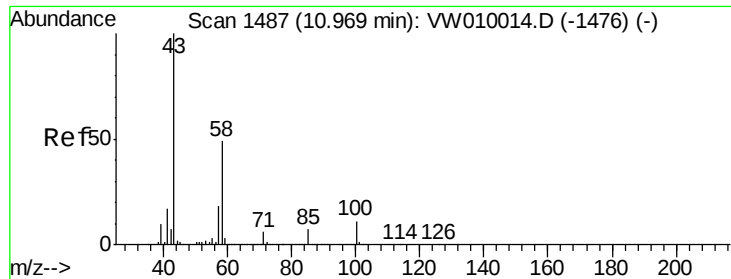
Tgt Ion: 76 Resp: 125057
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 134.548 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Tgt Ion: 63 Resp: 268586
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.4 32.0

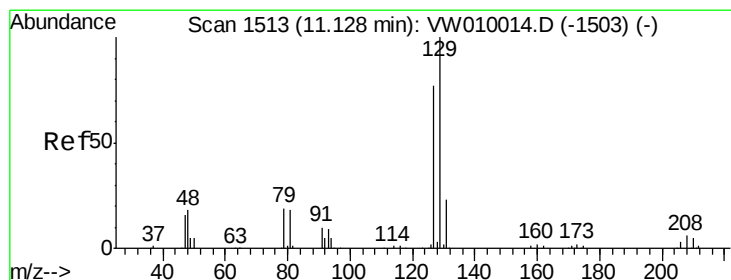
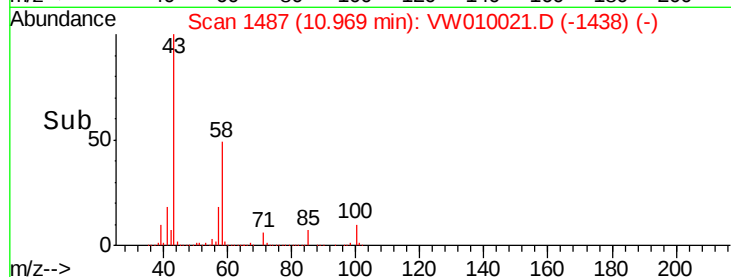
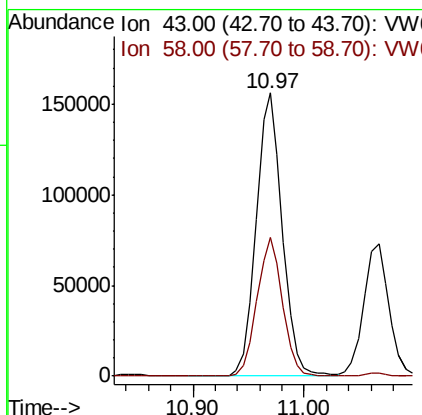
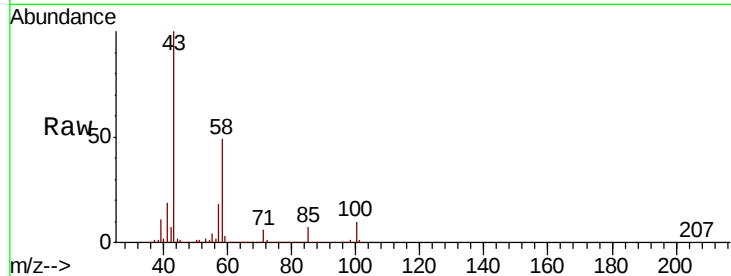




#59
2-Hexanone
Concen: 113.862 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

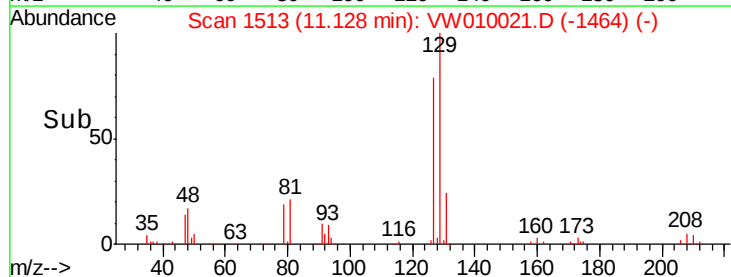
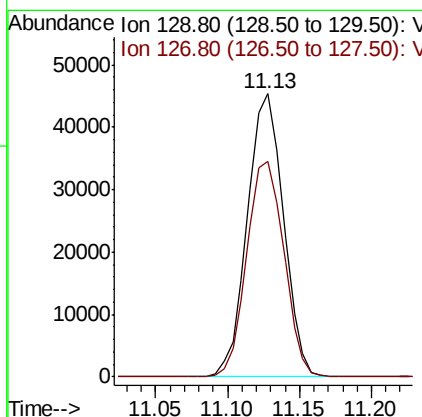
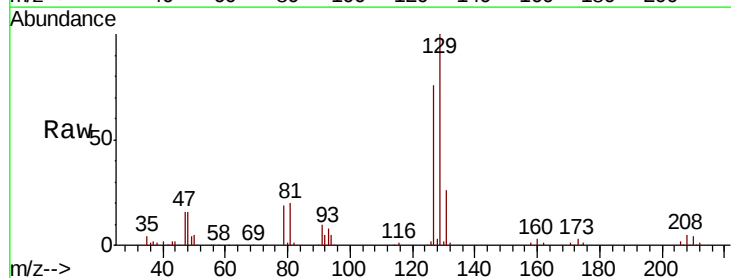
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

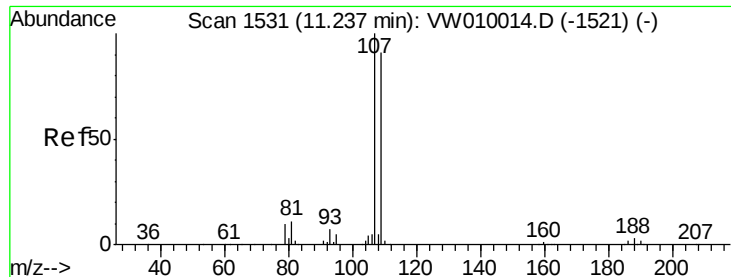
Tgt Ion: 43 Resp: 253993
Ion Ratio Lower Upper
43 100
58 48.2 24.9 74.7



#60
Dibromochloromethane
Concen: 20.420 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion: 129 Resp: 78845
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0

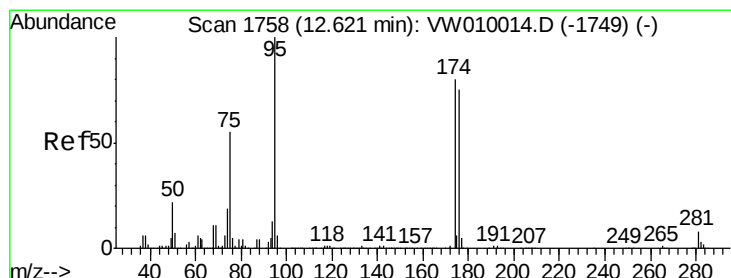
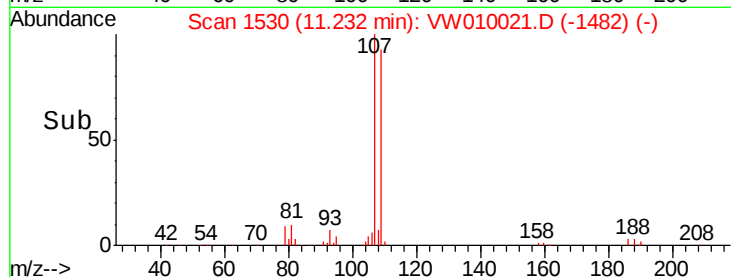
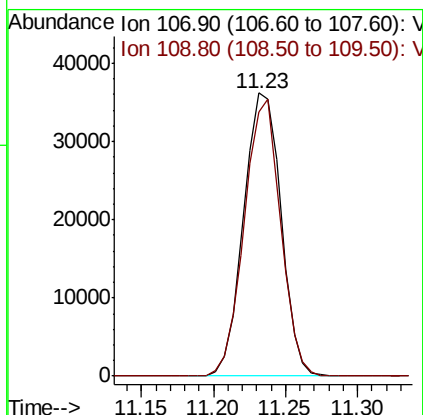
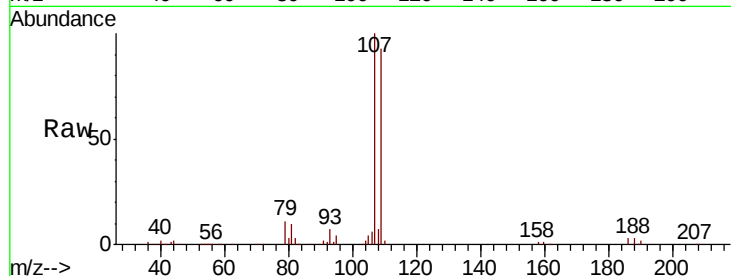




#61
 1,2-Dibromoethane
 Concen: 20.468 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

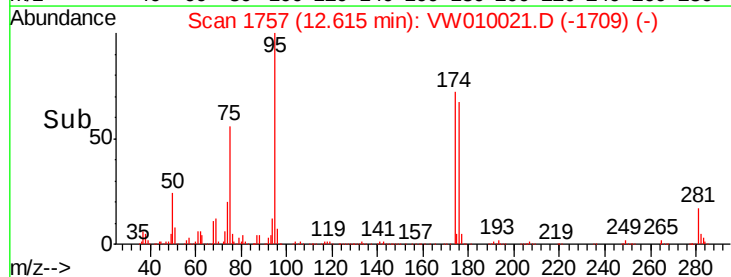
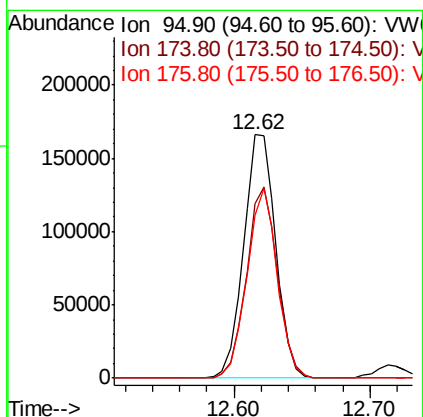
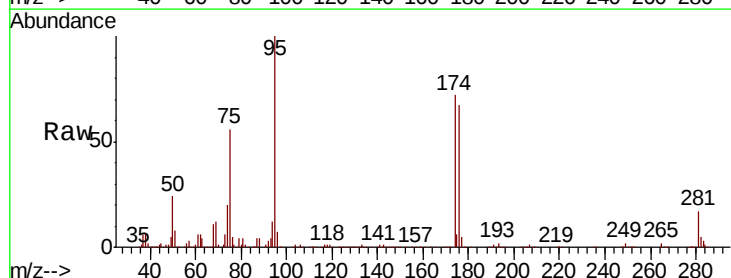
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

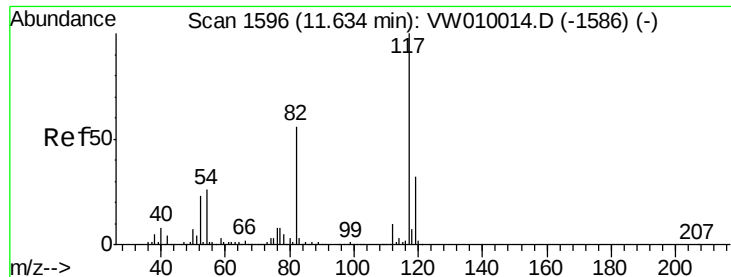
Tgt Ion: 107 Resp: 65045
 Ion Ratio Lower Upper
 107 100
 109 94.9 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 50.355 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Tgt Ion: 95 Resp: 274299
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 151.4
 176 73.4 0.0 146.2

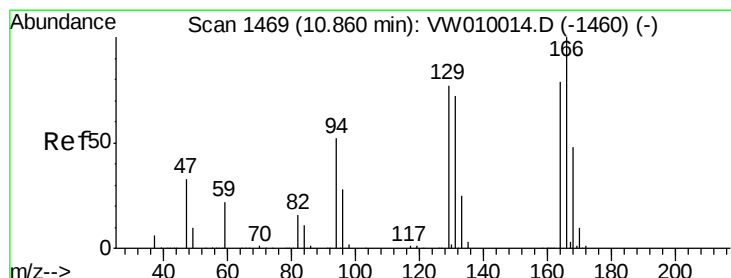
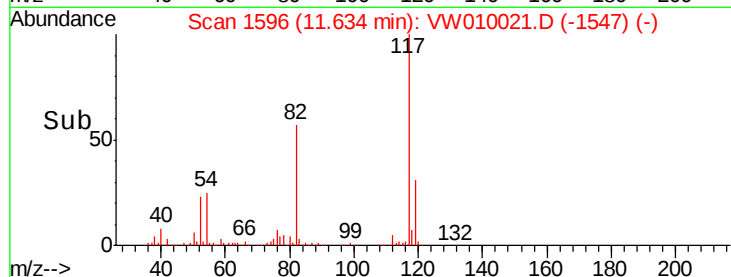
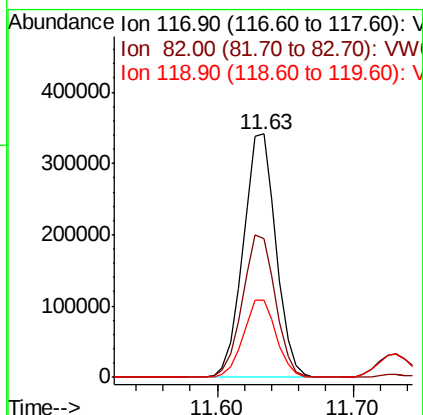
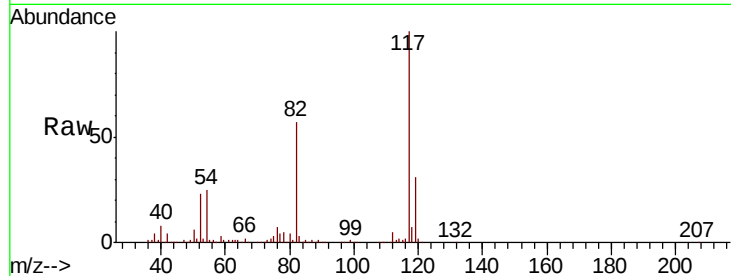




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

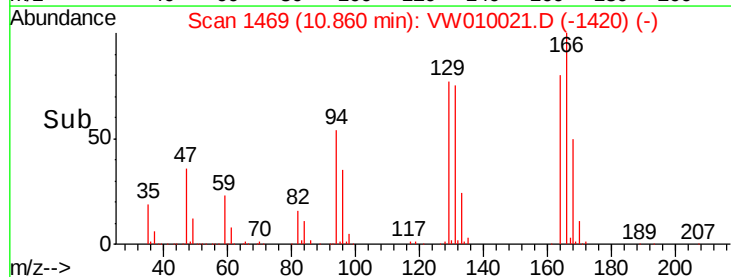
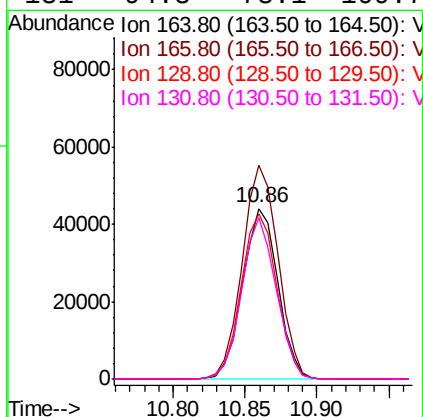
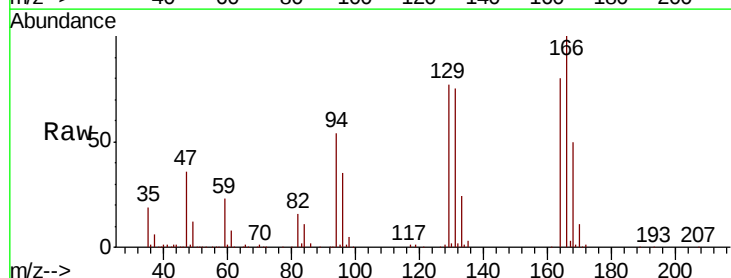
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

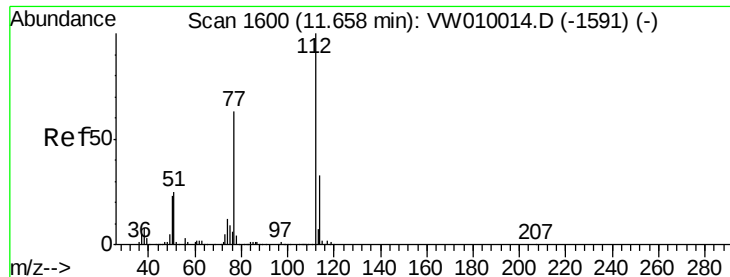
Tgt Ion:117 Resp: 574243
Ion Ratio Lower Upper
117 100
82 56.7 45.2 67.8
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 19.960 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion:164 Resp: 74405
Ion Ratio Lower Upper
164 100
166 125.1 101.2 151.8
129 96.9 77.8 116.6
131 94.3 73.1 109.7

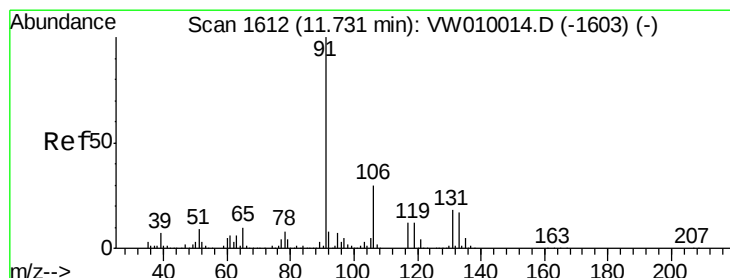
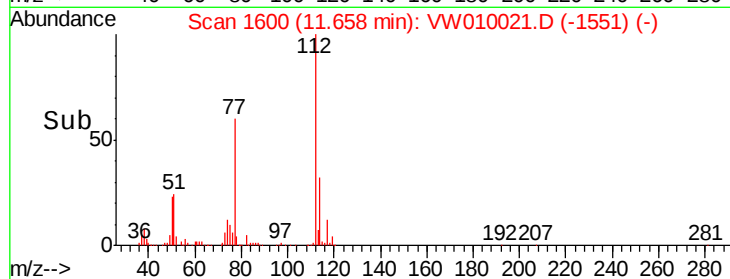
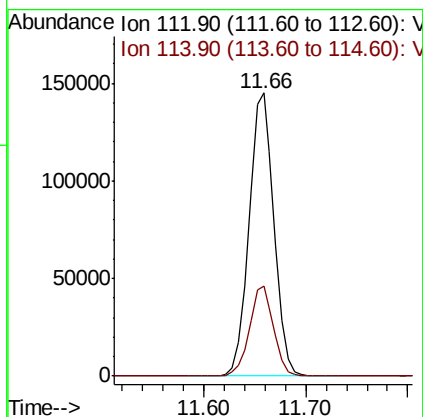
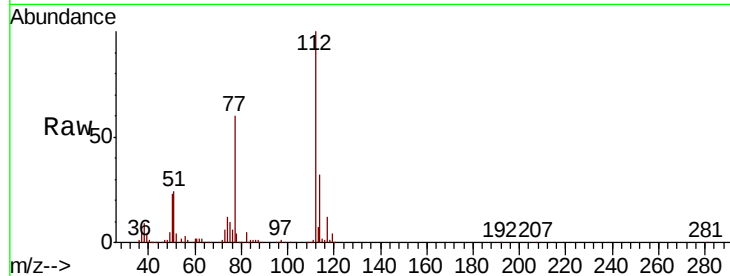




#65
Chlorobenzene
Concen: 20.893 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

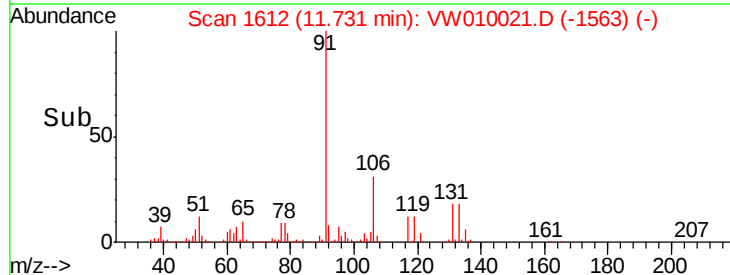
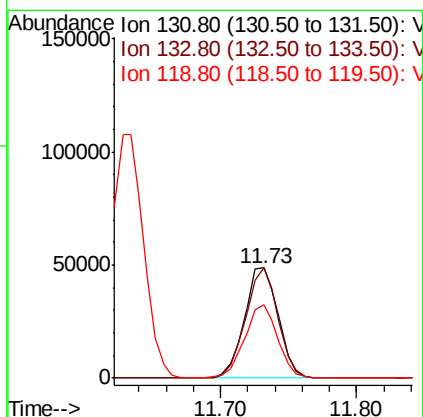
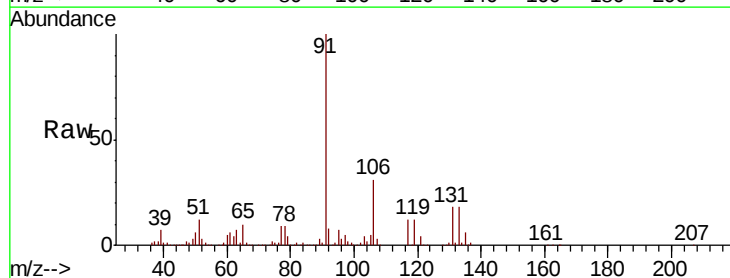
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

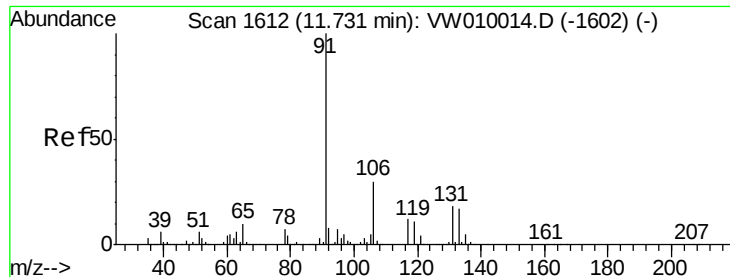
Tgt Ion:112 Resp: 245565
Ion Ratio Lower Upper
112 100
114 31.9 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.177 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion:131 Resp: 84806
Ion Ratio Lower Upper
131 100
133 96.5 46.5 139.5
119 64.8 31.9 95.5

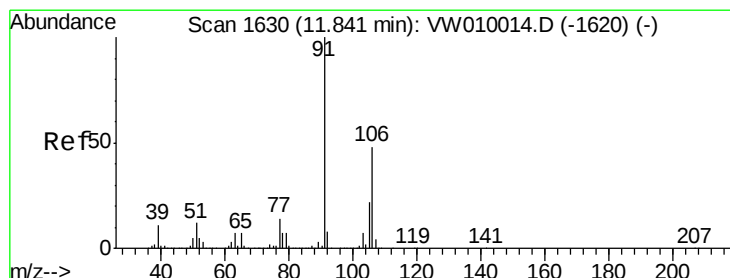
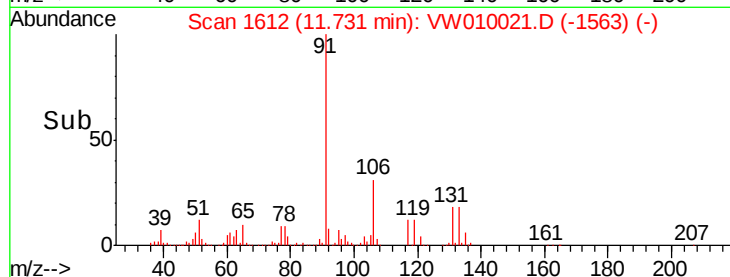
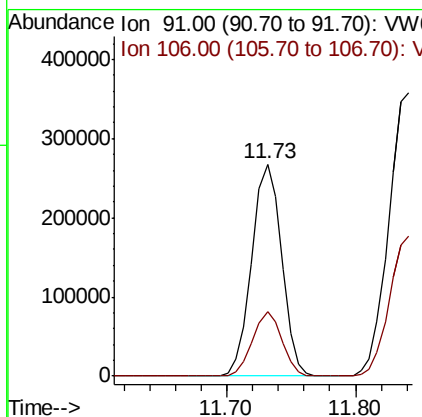
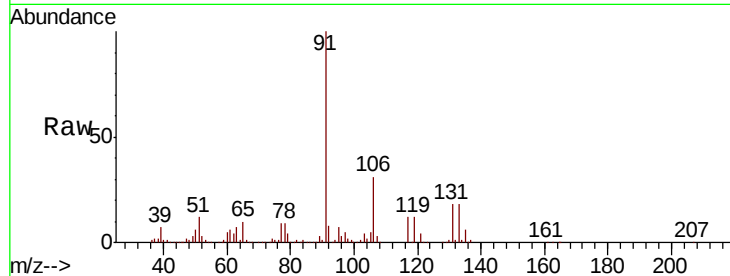




#67
Ethyl Benzene
Concen: 20.382 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

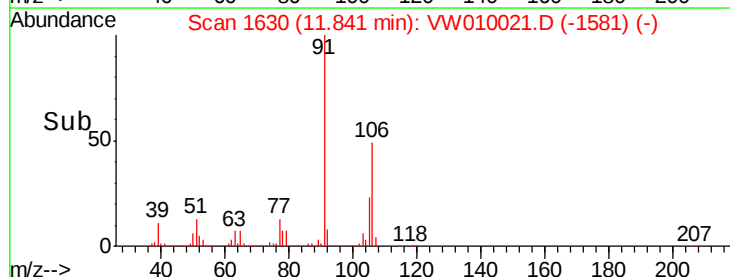
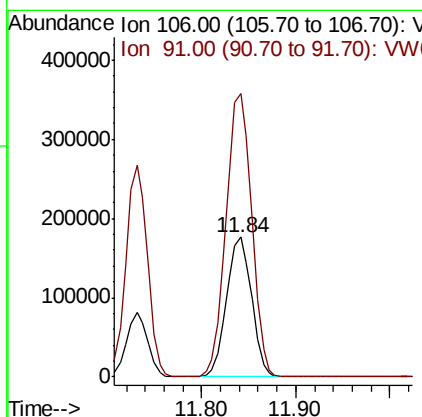
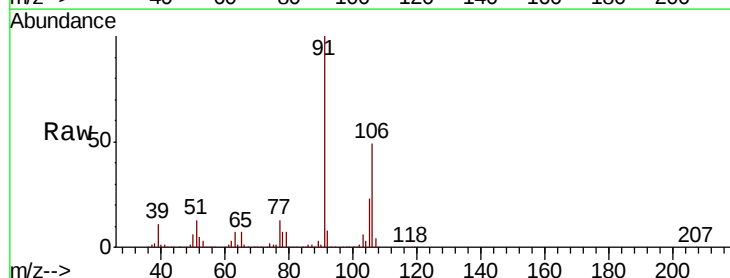
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

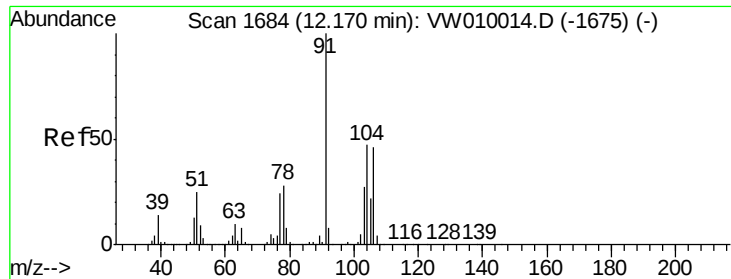
Tgt Ion: 91 Resp: 427407
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8



#68
m/p-Xylenes
Concen: 41.567 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion: 106 Resp: 325826
Ion Ratio Lower Upper
106 100
91 207.5 165.0 247.6

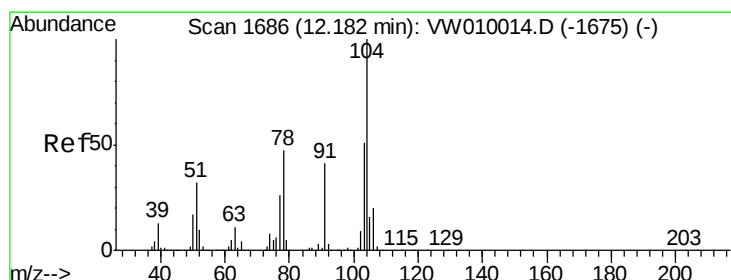
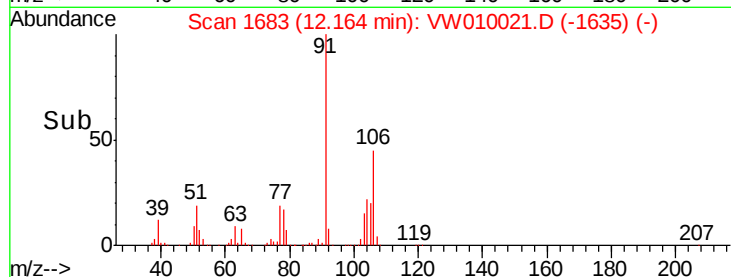
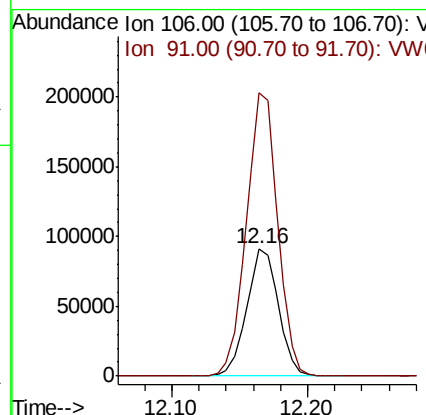
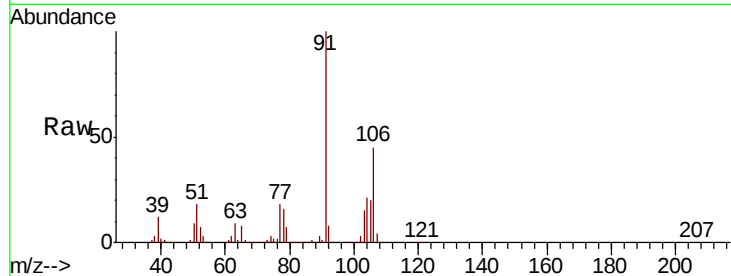




#69
o-Xylene
Concen: 20.766 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

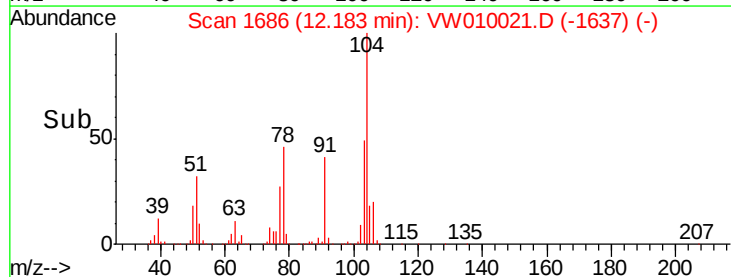
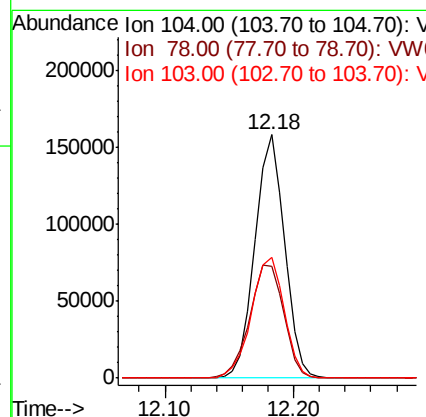
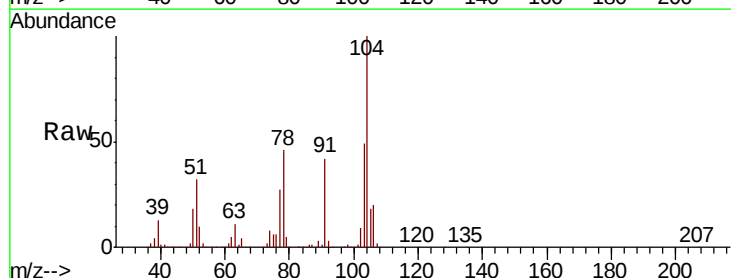
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

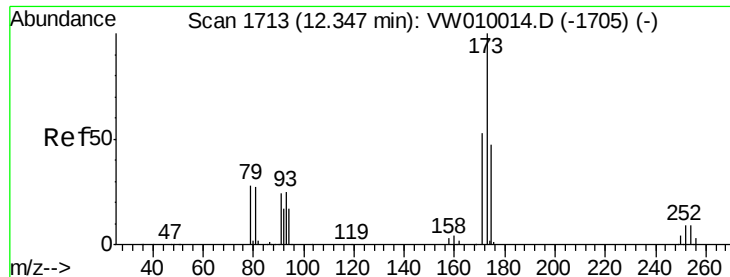
Tgt Ion:106 Resp: 148216
Ion Ratio Lower Upper
106 100
91 221.0 110.5 331.4



#70
Styrene
Concen: 20.404 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion:104 Resp: 251091
Ion Ratio Lower Upper
104 100
78 53.6 42.5 63.7
103 55.2 43.6 65.4





#71

Bromoform

Concen: 20.977 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

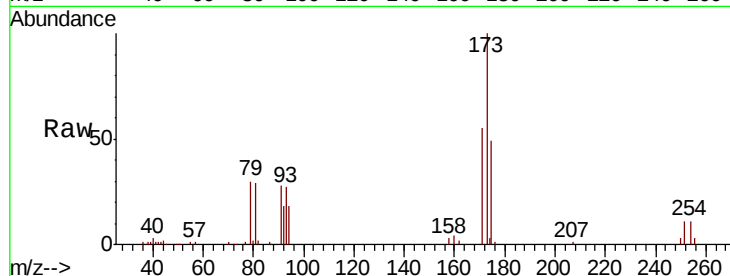
Tgt Ion:173 Resp: 46621

Ion Ratio Lower Upper

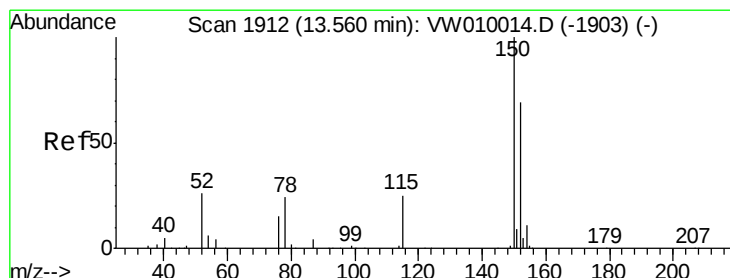
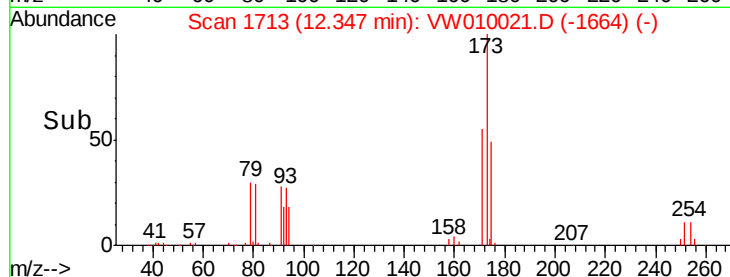
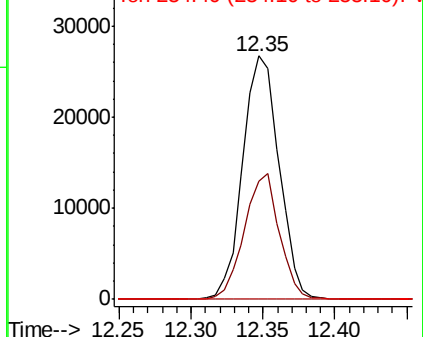
173 100

175 50.0 23.8 71.4

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

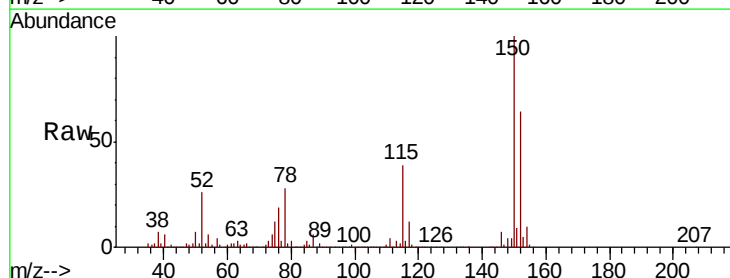
Tgt Ion:152 Resp: 296948

Ion Ratio Lower Upper

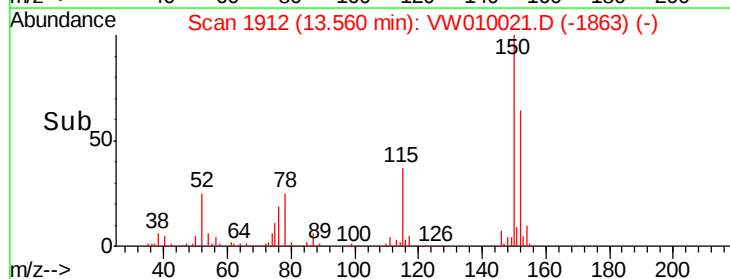
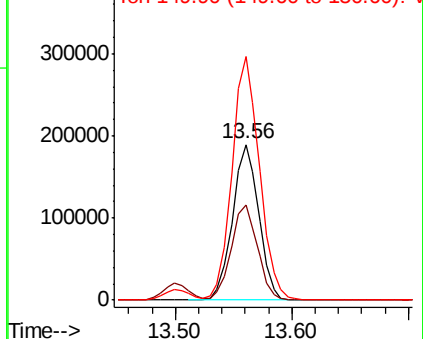
152 100

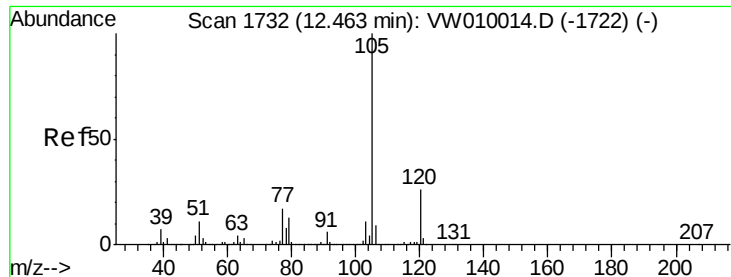
115 61.3 30.4 91.2

150 162.9 0.0 347.0



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: 20.356 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

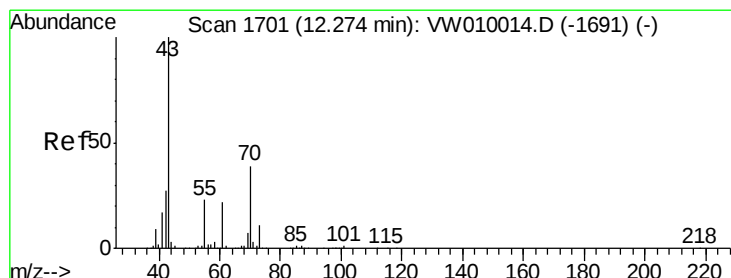
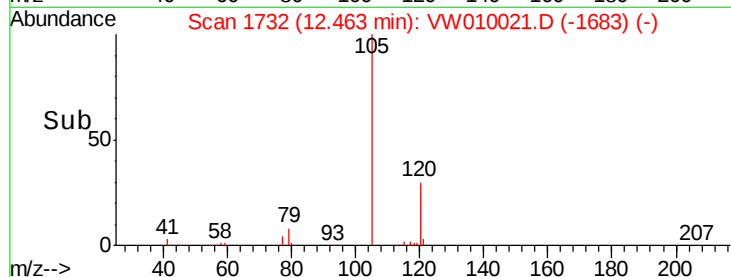
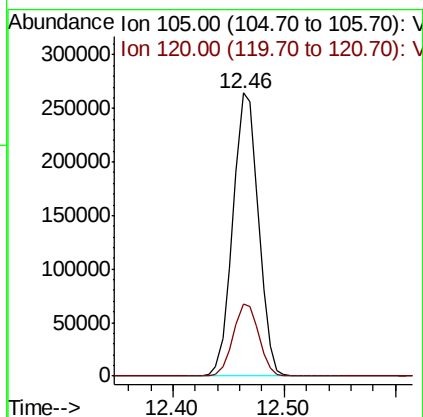
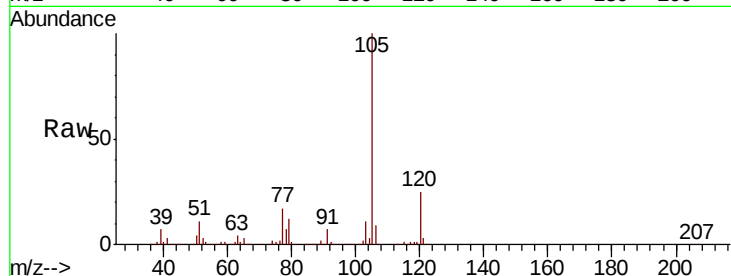
VW0417SBS01

Tgt Ion: 105 Resp: 420691

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 21.253 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Tgt Ion: 43 Resp: 121639

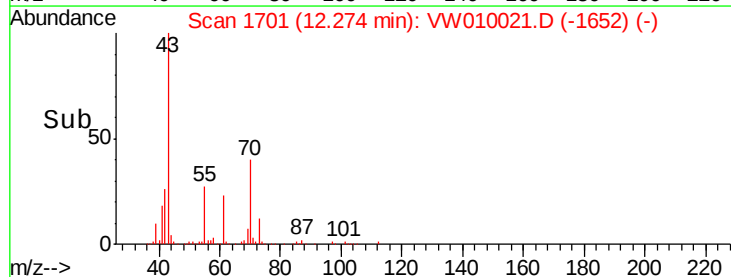
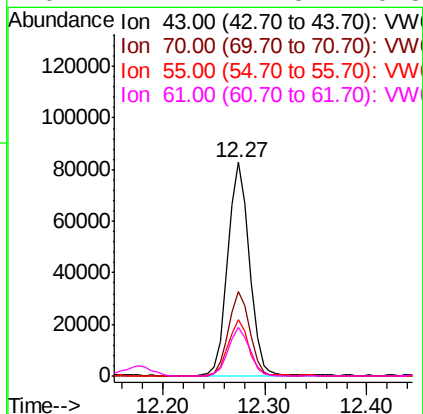
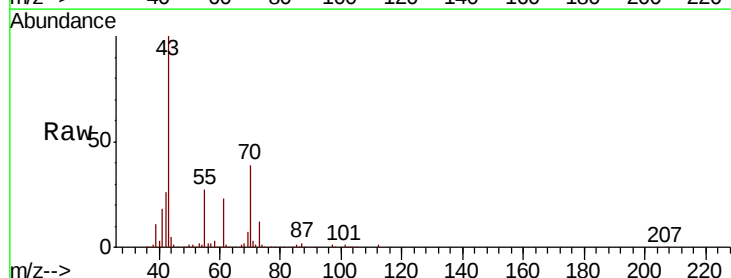
Ion Ratio Lower Upper

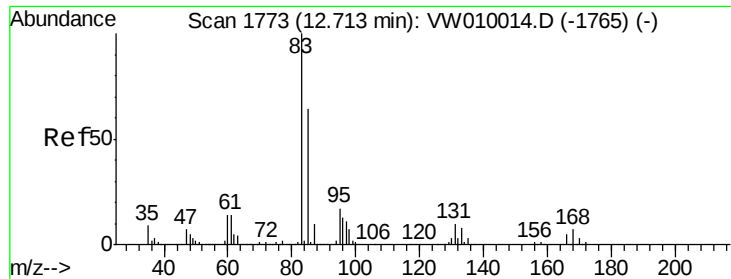
43 100

70 38.8 31.3 46.9

55 25.7 20.0 30.0

61 22.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.993 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

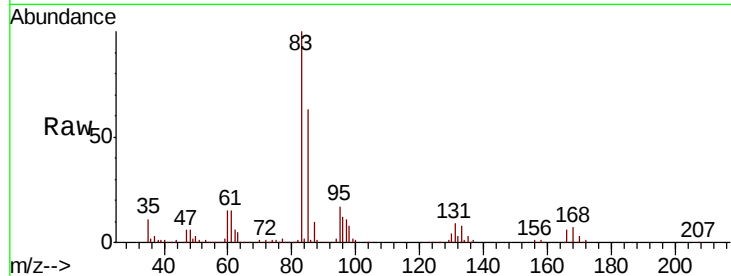
Tgt Ion: 83 Resp: 85716

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.8

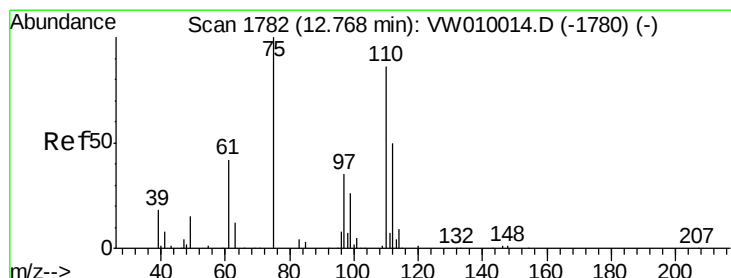
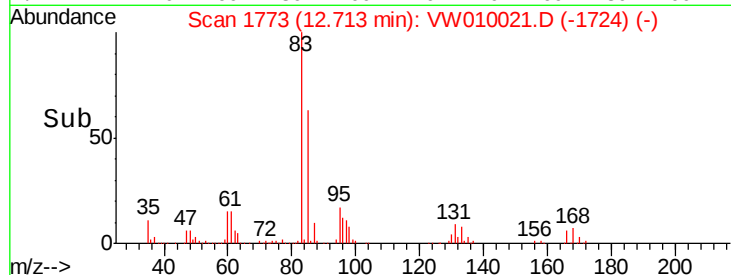
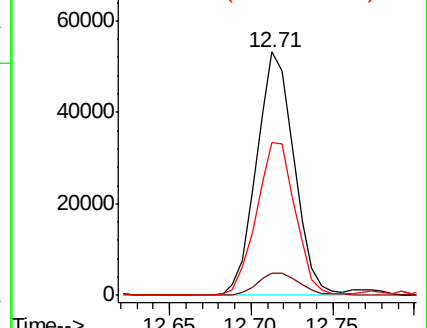
85 65.0 32.0 96.2



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: 38.758 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010021.D

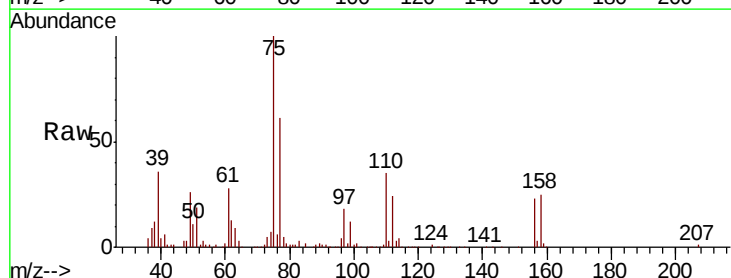
Acq: 17 Apr 2019 17:34

Tgt Ion: 75 Resp: 115190

Ion Ratio Lower Upper

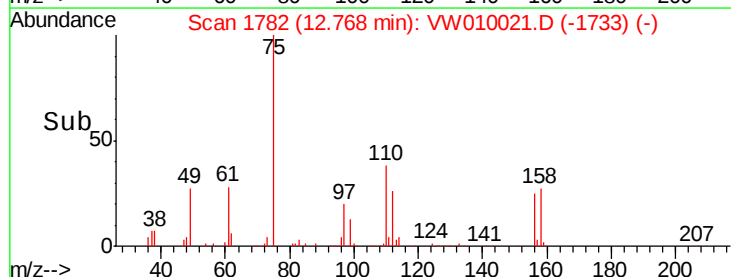
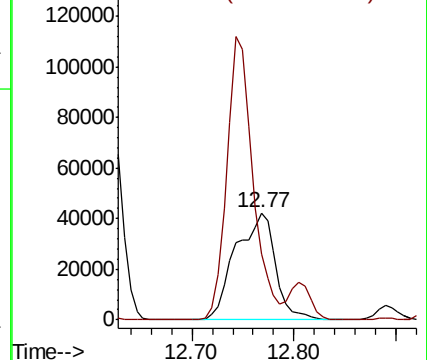
75 100

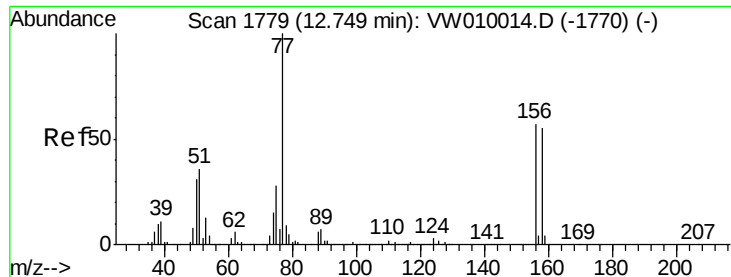
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.362 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

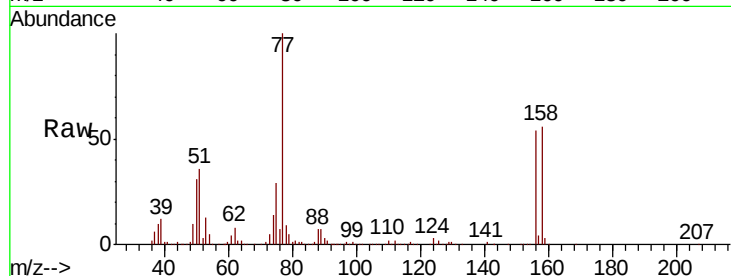
Tgt Ion:156 Resp: 96782

Ion Ratio Lower Upper

156 100

77 205.7 102.5 307.4

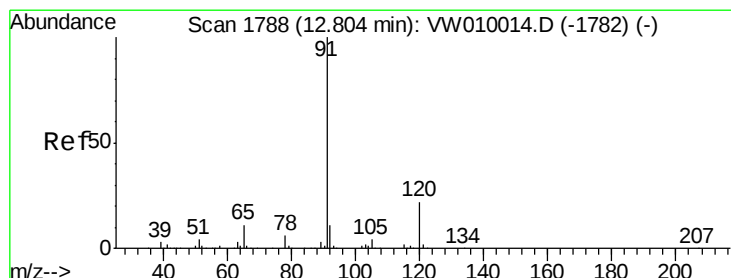
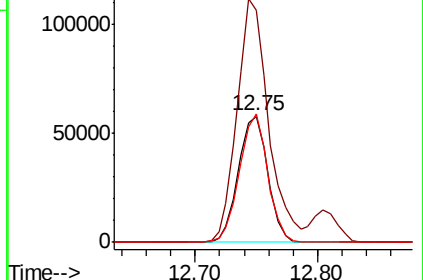
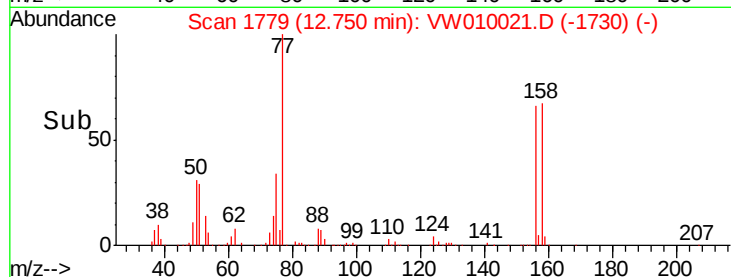
158 97.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.534 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010021.D

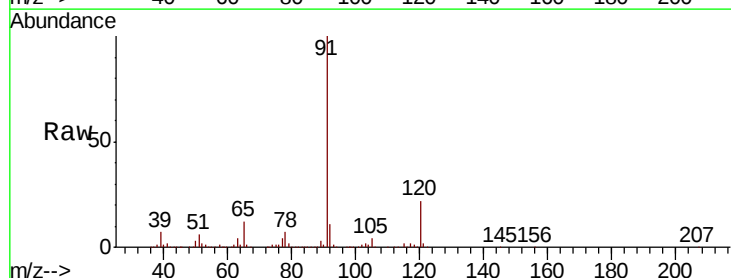
Acq: 17 Apr 2019 17:34

Tgt Ion: 91 Resp: 525970

Ion Ratio Lower Upper

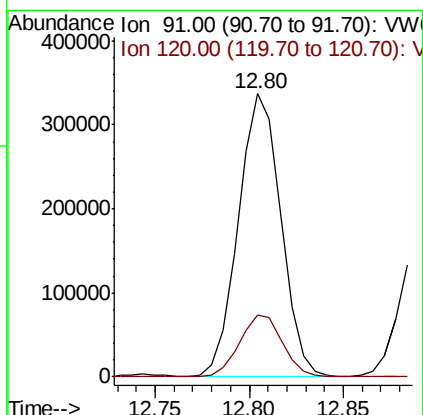
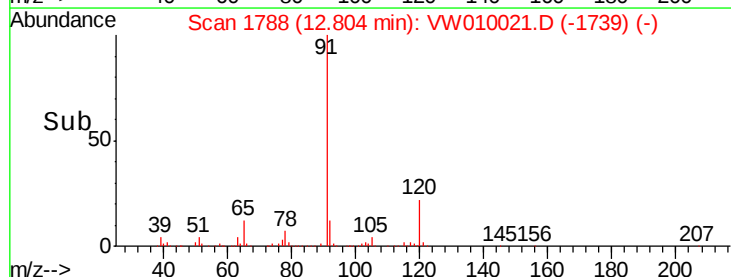
91 100

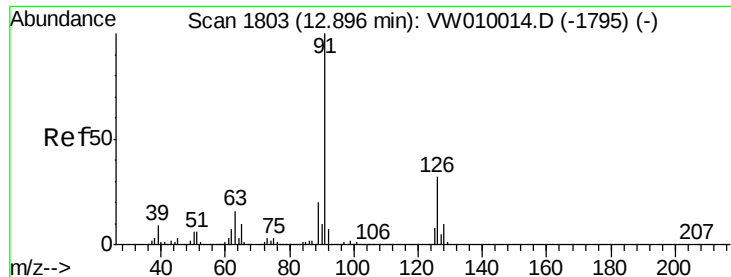
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.318 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

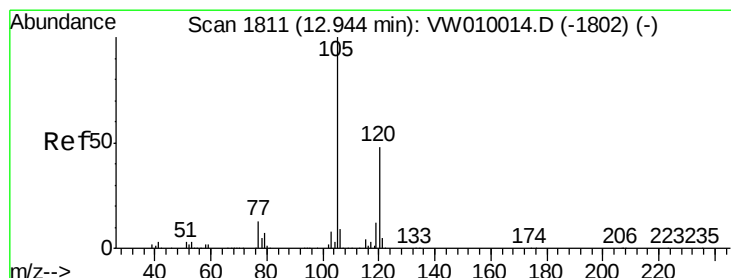
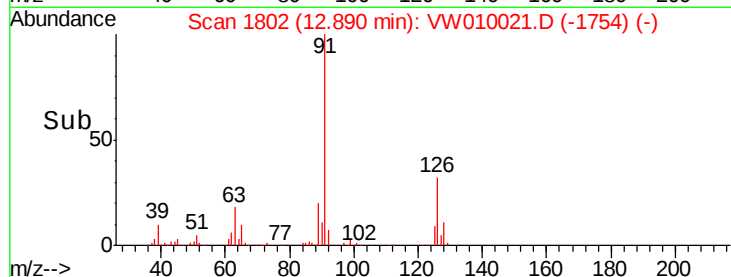
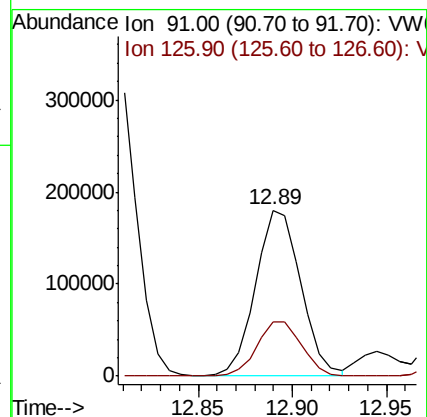
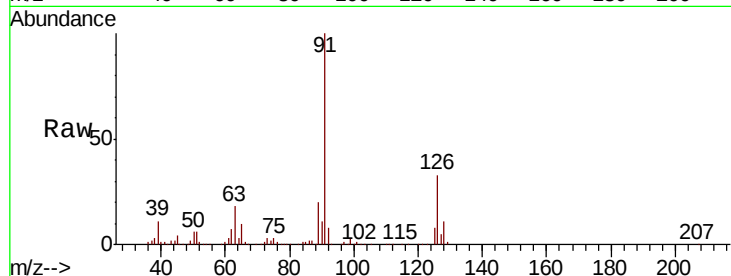
VW0417SBS01

Tgt Ion: 91 Resp: 299314

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.552 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010021.D

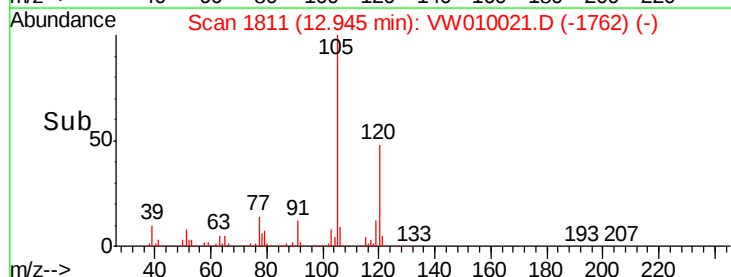
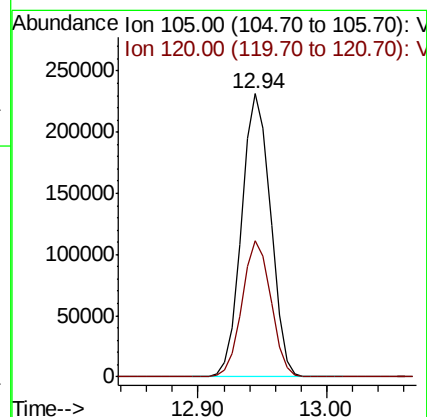
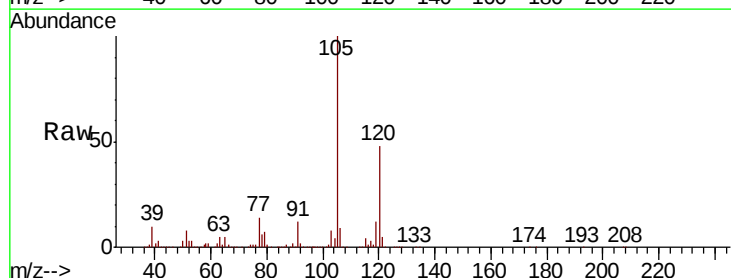
Acq: 17 Apr 2019 17:34

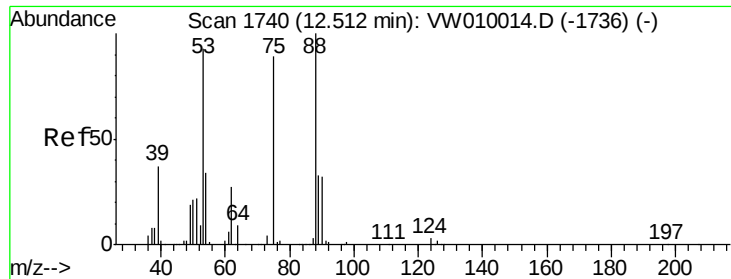
Tgt Ion: 105 Resp: 360133

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.186 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

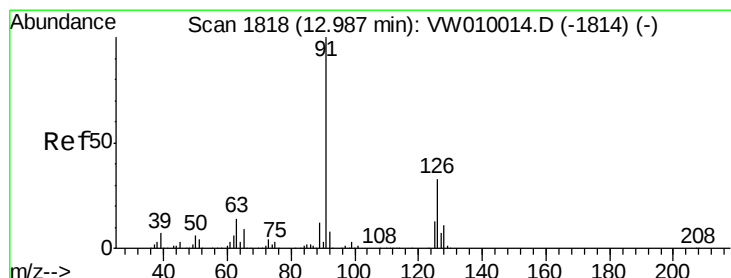
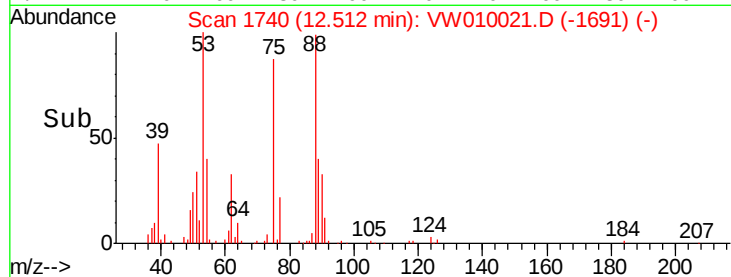
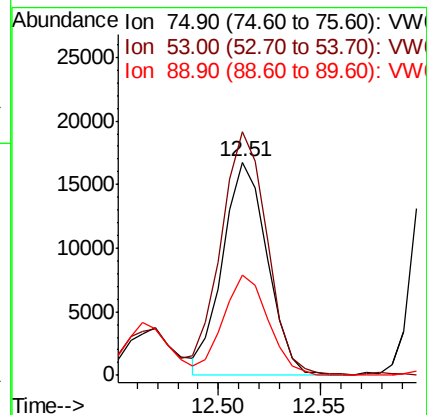
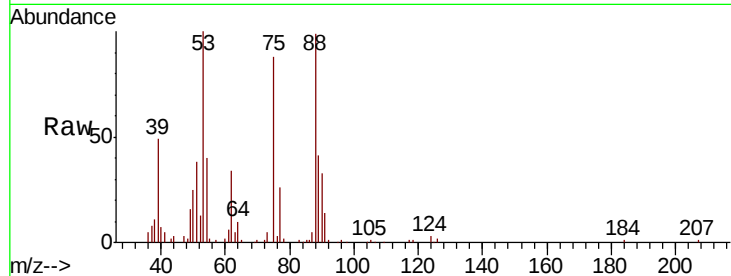
Tgt Ion: 75 Resp: 25443

Ion Ratio Lower Upper

75 100

53 119.6 89.8 134.8

89 47.8 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.468 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW010021.D

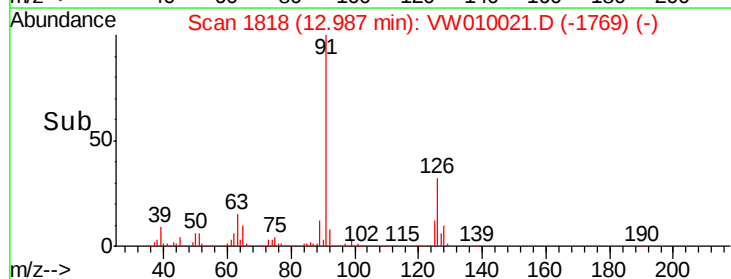
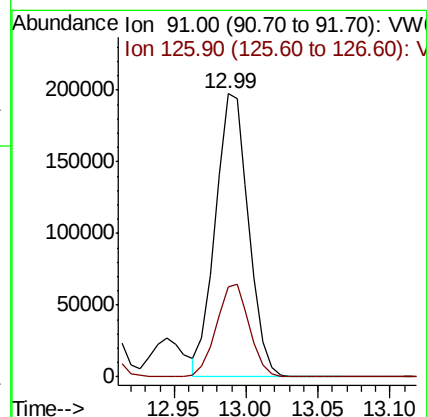
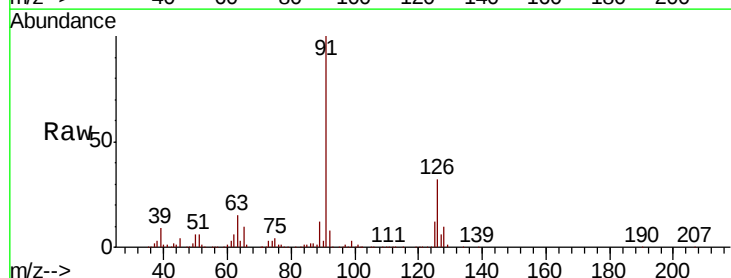
Acq: 17 Apr 2019 17:34

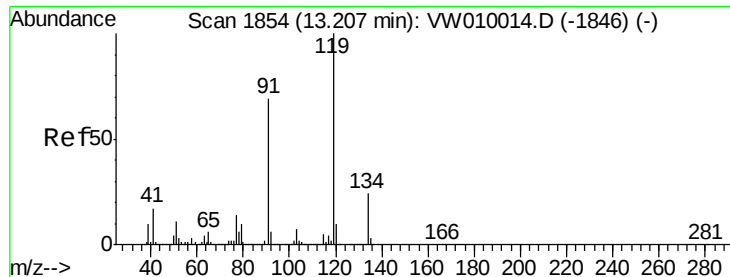
Tgt Ion: 91 Resp: 317346

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.1

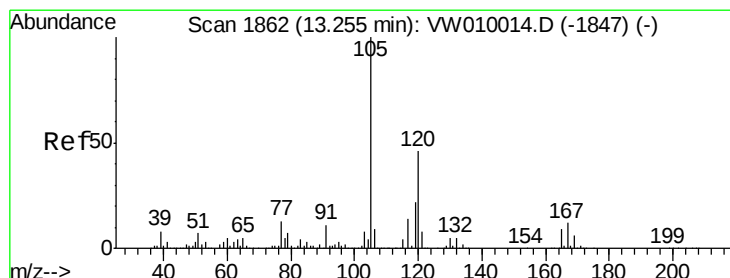
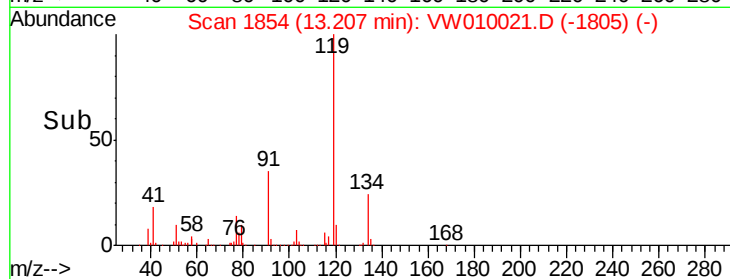
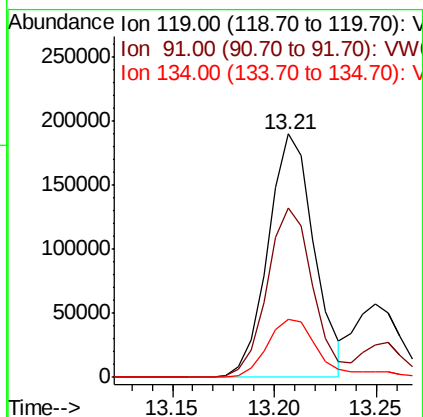
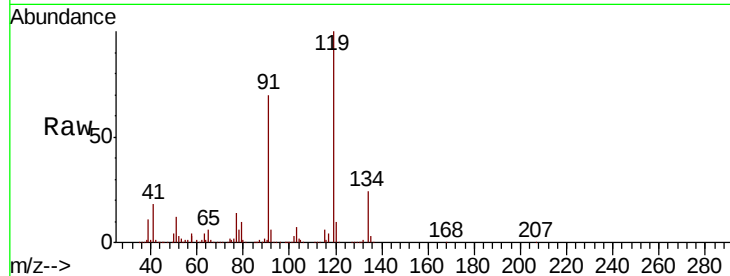




#83
tert-Butylbenzene
Concen: 20.616 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

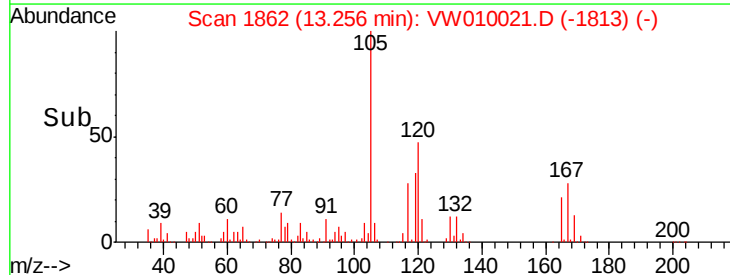
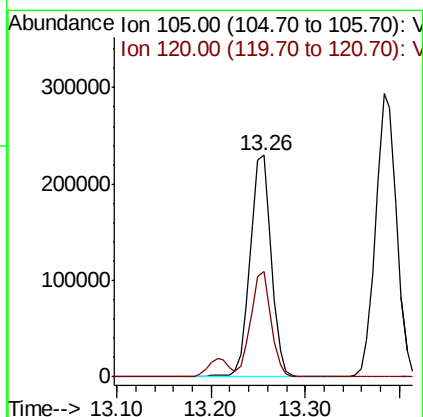
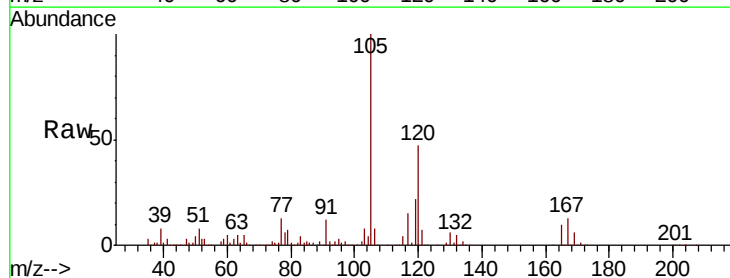
Instrument :
MSVOA_W
ClientSampleId :
VW0417SBS01

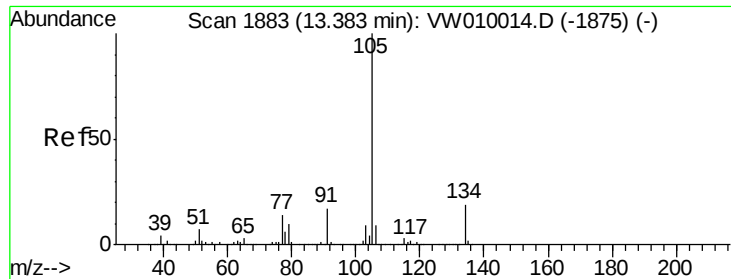
Tgt Ion:119 Resp: 299162
Ion Ratio Lower Upper
119 100
91 70.1 34.8 104.4
134 27.3 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 20.491 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010021.D
Acq: 17 Apr 2019 17:34

Tgt Ion:105 Resp: 364049
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.739 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

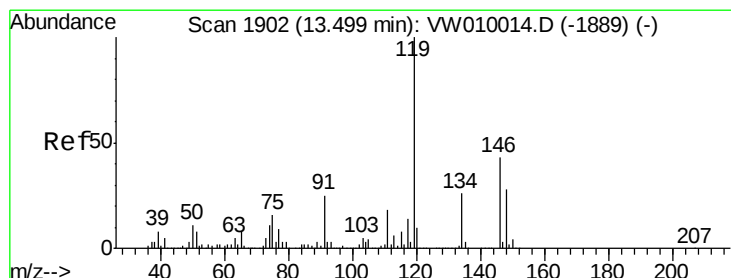
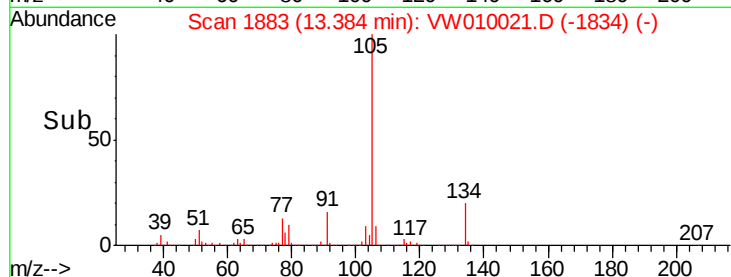
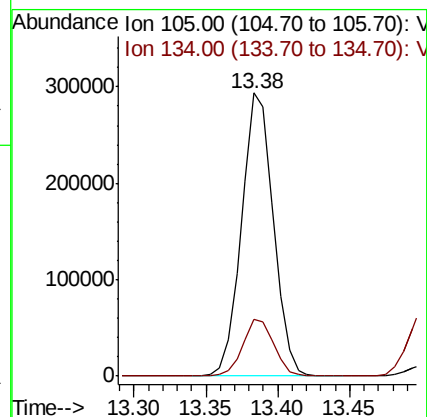
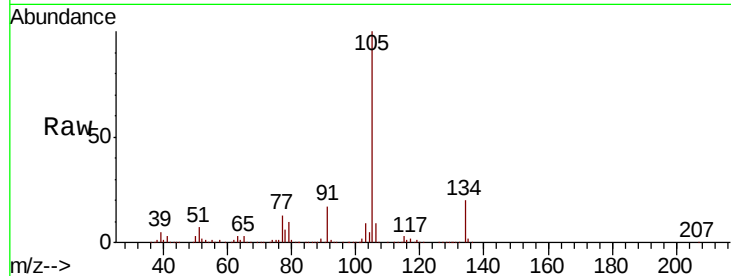
VW0417SBS01

Tgt Ion:105 Resp: 449742

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.421 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

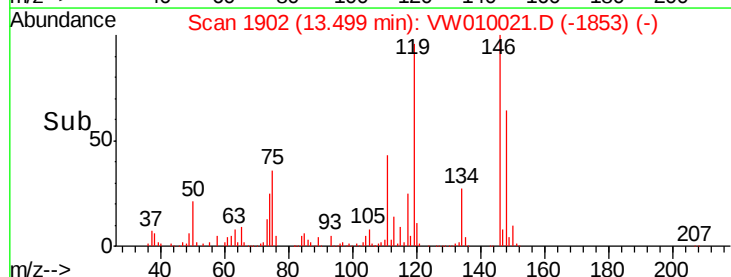
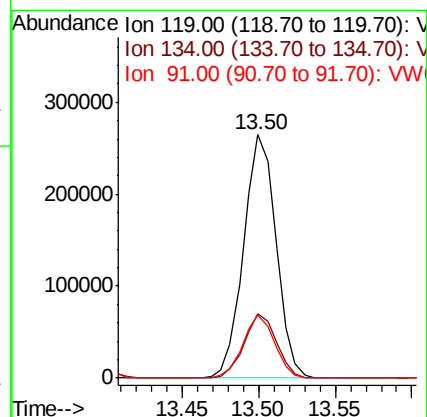
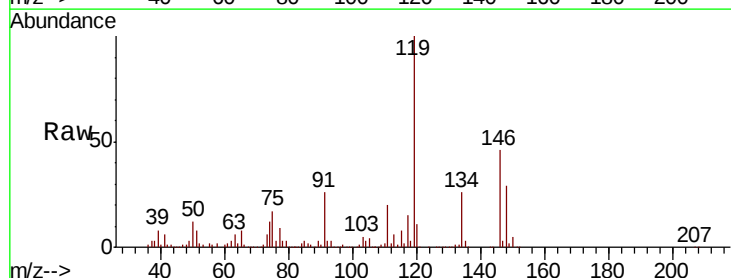
Tgt Ion:119 Resp: 390324

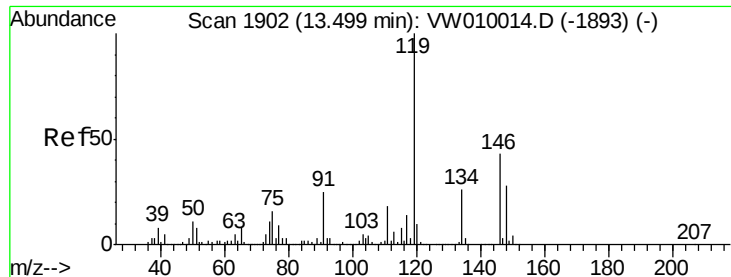
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 25.4 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 20.308 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

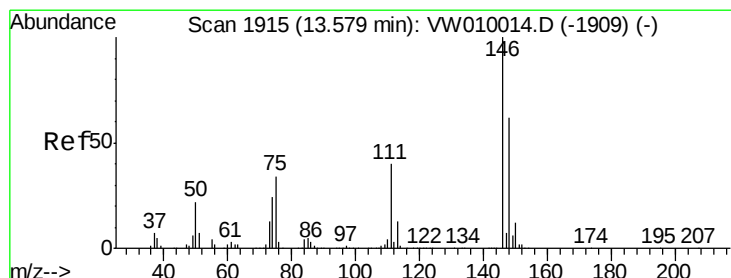
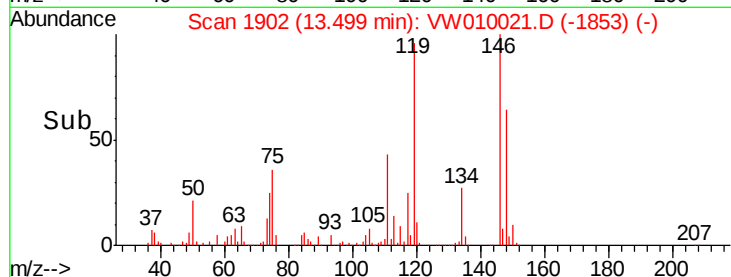
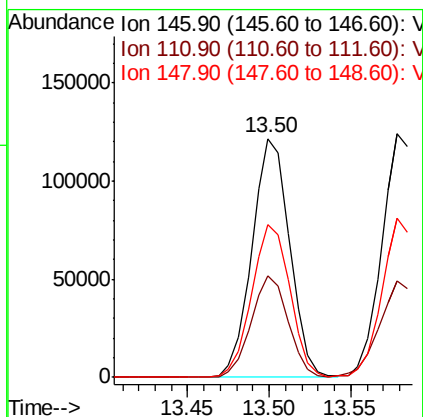
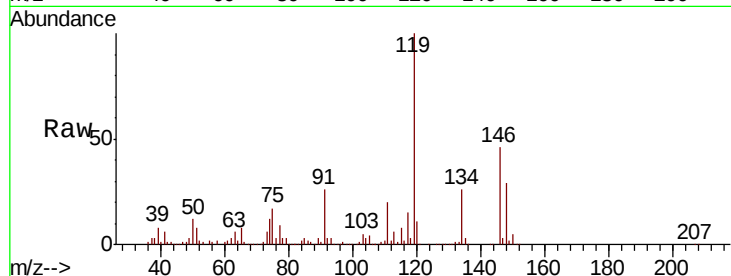
Tgt Ion:146 Resp: 195122

Ion Ratio Lower Upper

146 100

111 42.0 20.3 61.0

148 65.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.668 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

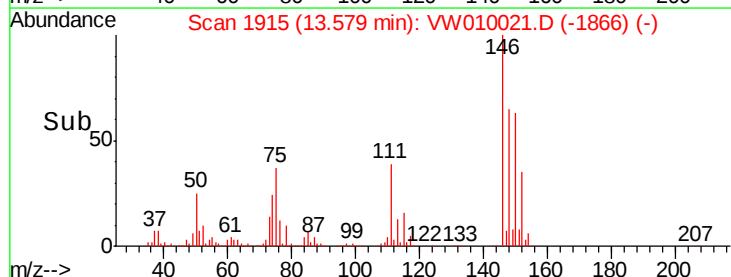
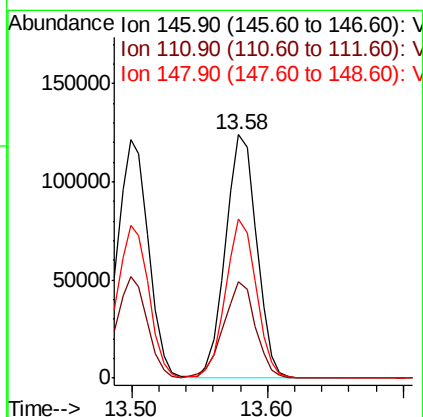
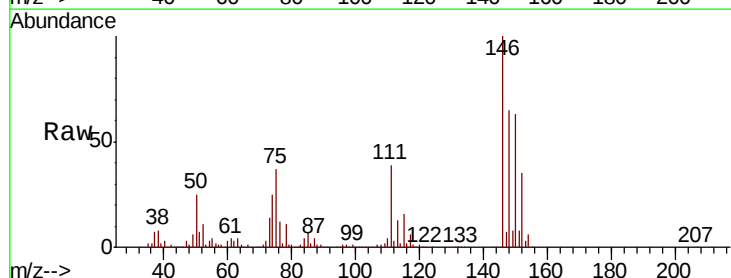
Tgt Ion:146 Resp: 198218

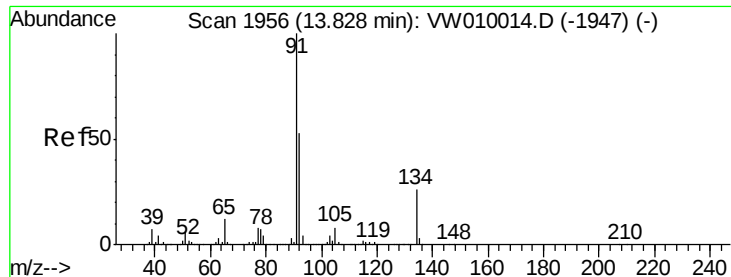
Ion Ratio Lower Upper

146 100

111 40.7 20.1 60.3

148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 20.313 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

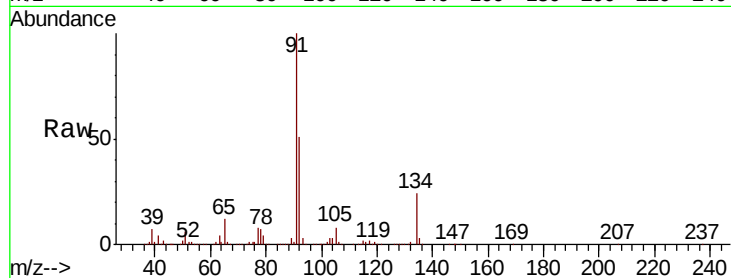
Tgt Ion: 91 Resp: 384660

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.4

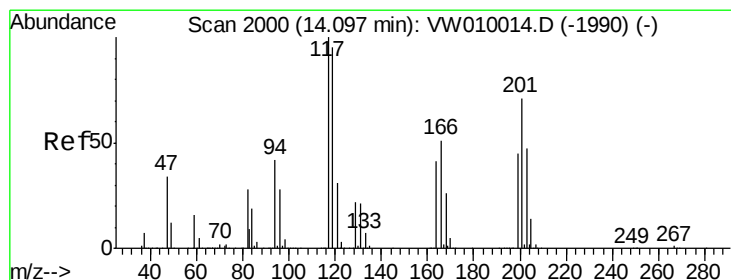
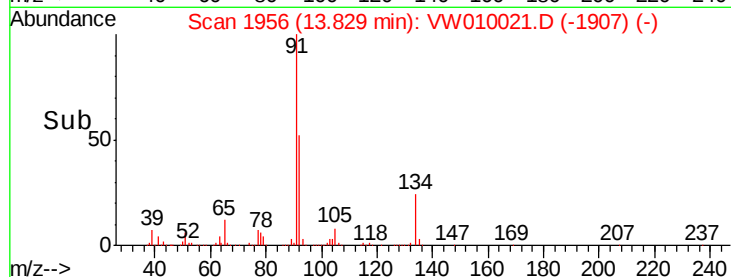
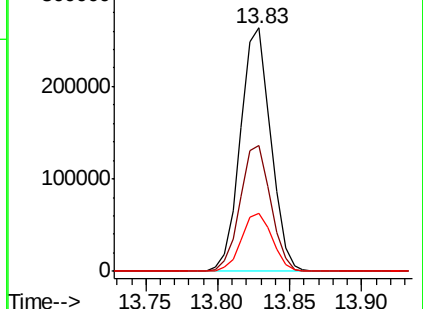
134 24.3 12.4 37.0



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: 19.659 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010021.D

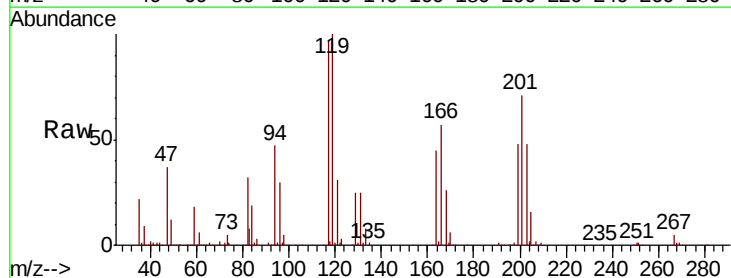
Acq: 17 Apr 2019 17:34

Tgt Ion: 117 Resp: 71968

Ion Ratio Lower Upper

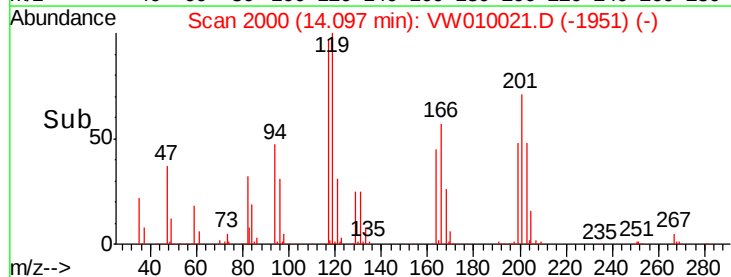
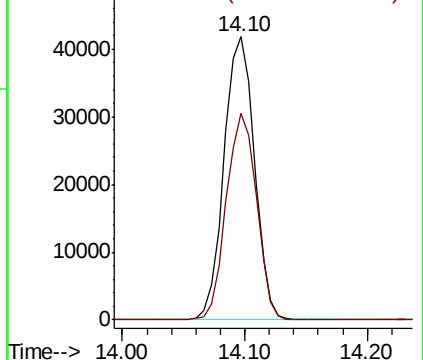
117 100

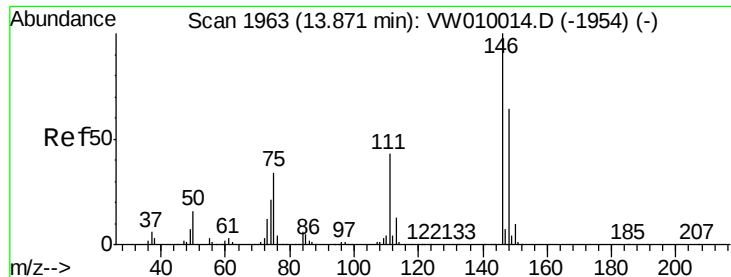
201 72.2 36.1 108.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 20.782 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

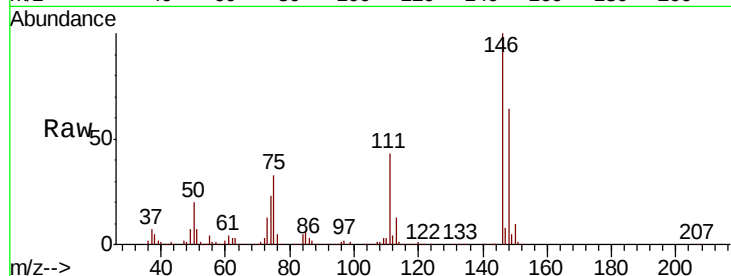
Tgt Ion:146 Resp: 179038

Ion Ratio Lower Upper

146 100

111 44.1 20.9 62.8

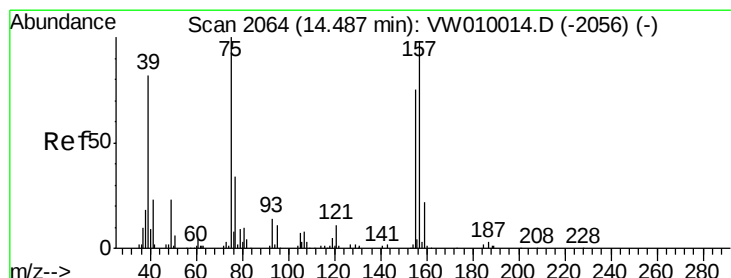
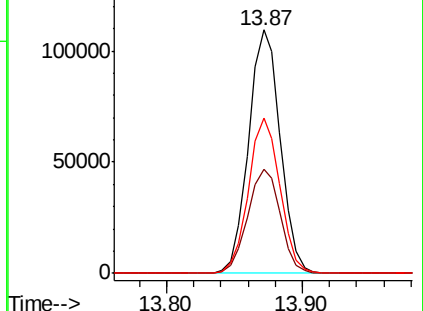
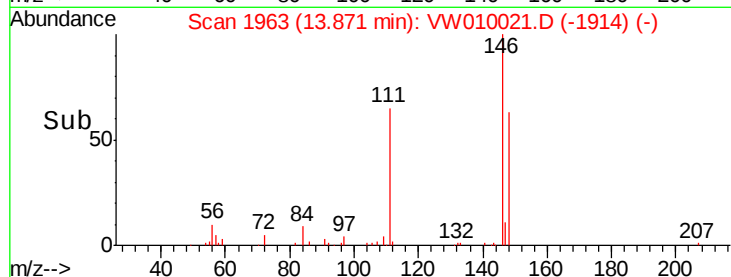
148 63.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.694 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

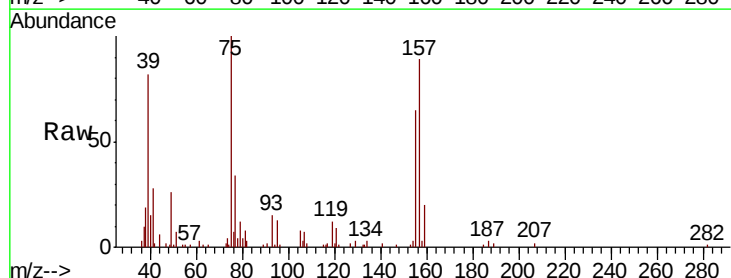
Tgt Ion: 75 Resp: 15121

Ion Ratio Lower Upper

75 100

155 71.5 37.1 111.5

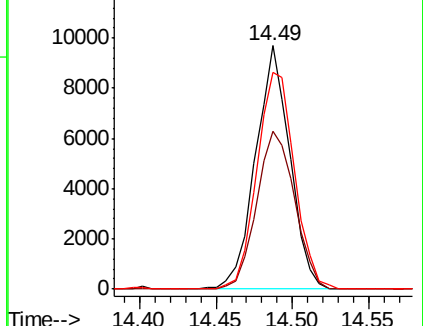
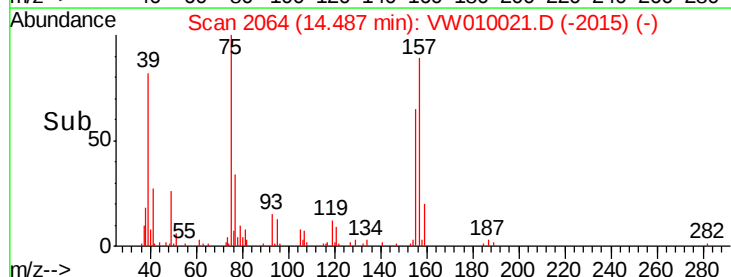
157 97.5 47.3 141.9

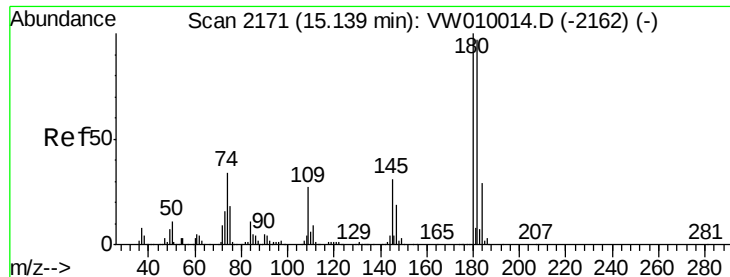


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

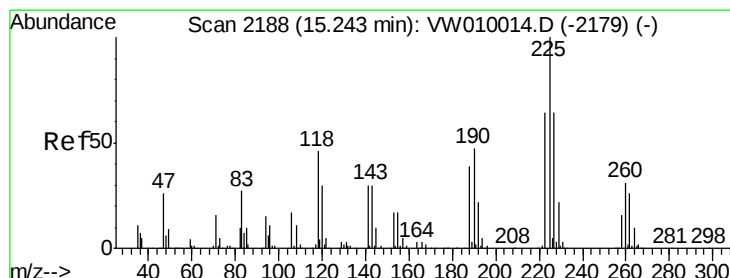
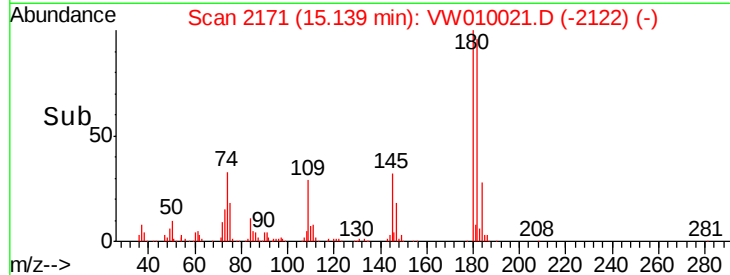
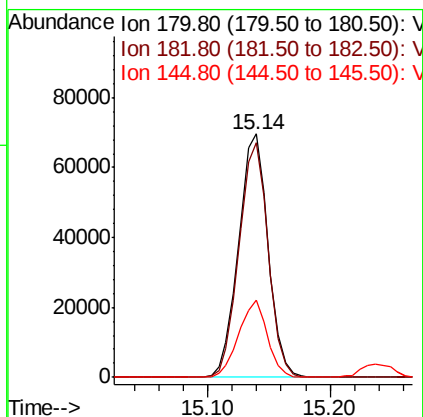
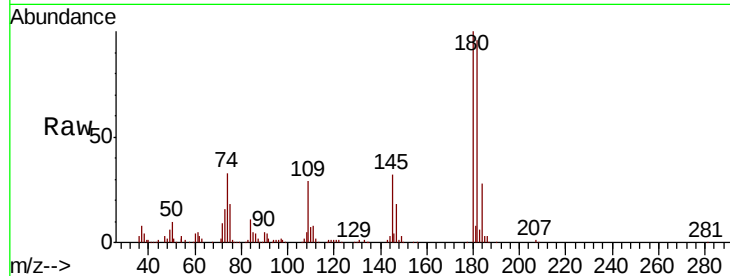




#93
 1,2,4-Trichlorobenzene
 Concen: 20.402 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

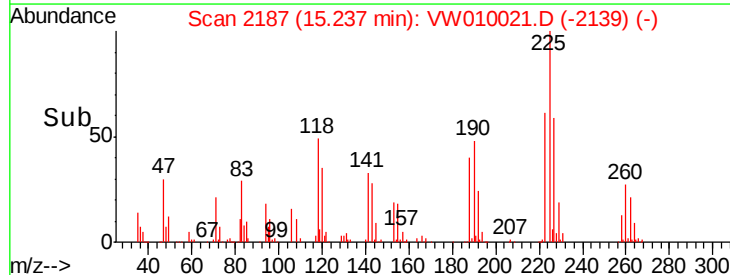
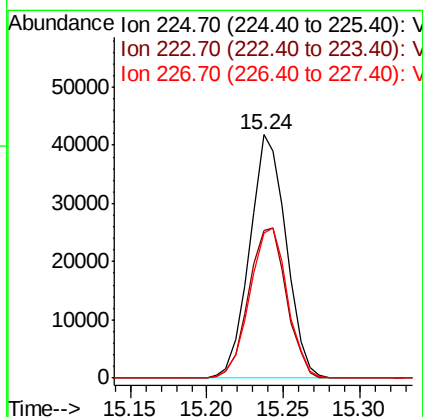
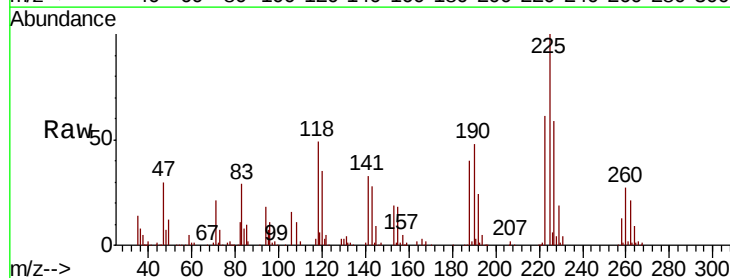
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0417SBS01

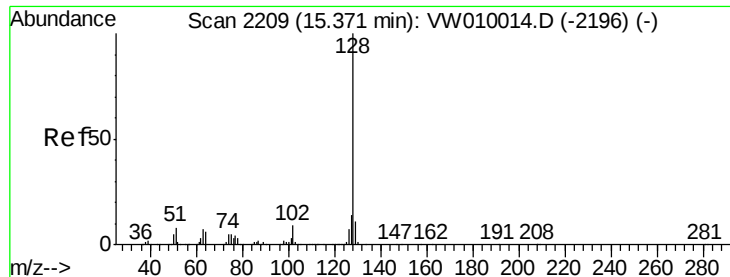
Tgt Ion:180 Resp: 115957
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.1 141.4
 145 30.7 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 20.095 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010021.D
 Acq: 17 Apr 2019 17:34

Tgt Ion:225 Resp: 69355
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.9 95.5
 227 63.7 31.8 95.3





#95

Naphthalene

Concen: 20.624 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

Instrument :

MSVOA_W

ClientSampleId :

VW0417SBS01

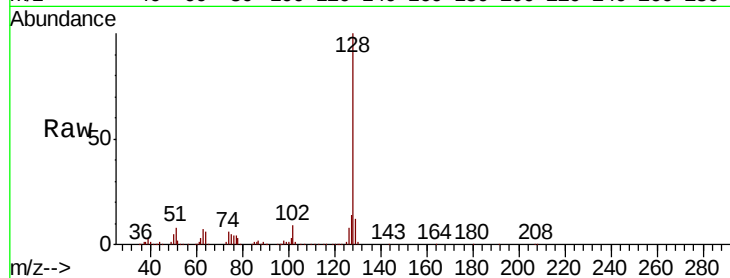
Tgt Ion:128 Resp: 214241

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

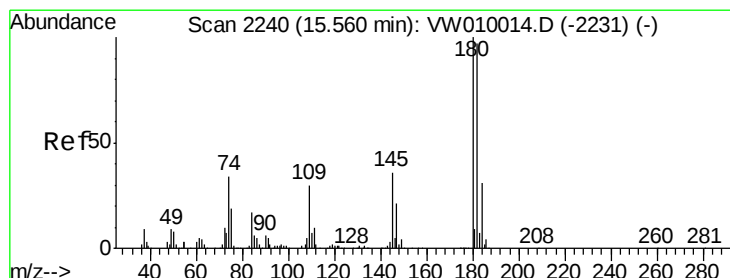
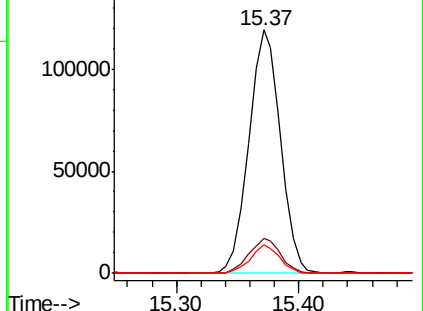
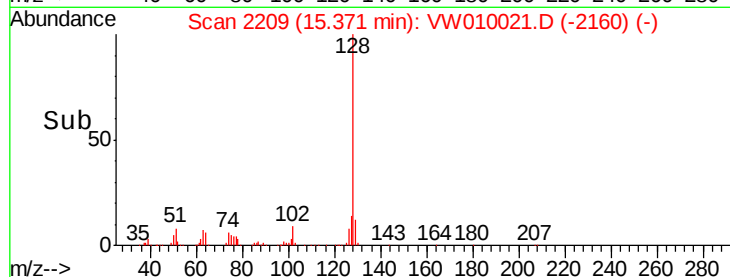
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.234 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010021.D

Acq: 17 Apr 2019 17:34

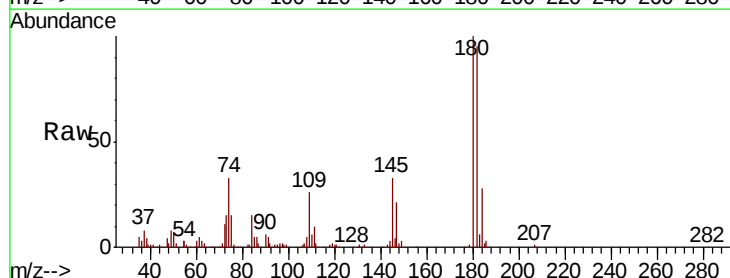
Tgt Ion:180 Resp: 104703

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 33.6 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

