

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
 Data File : VW009041.D
 Acq On : 07 Mar 2019 15:57
 Operator : SY/VA
 Sample : VW0307SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

Quant Time: Mar 08 05:41:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	410731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217130	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152555	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.88	113	138699	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	10.32	98	570544	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.62	95	212776	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	69208	22.875	ug/l 96
3) Chloromethane	2.21	50	83428	21.706	ug/l 96
4) Vinyl Chloride	2.36	62	79938	20.494	ug/l 96
5) Bromomethane	2.76	94	80413	24.423	ug/l 98
6) Chloroethane	2.91	64	57912	20.856	ug/l 94
7) Trichlorofluoromethane	3.26	101	107674	21.440	ug/l 96
8) Diethyl Ether	3.68	74	30352	19.766	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	65116	20.818	ug/l 99
10) Methyl Iodide	4.26	142	56422	18.757	ug/l 99
11) Tert butyl alcohol	5.18	59	18181	78.552	ug/l # 83
12) 1,1-Dichloroethene	4.04	96	56339	20.881	ug/l 95
13) Acrolein	3.90	56	22081	86.697	ug/l 93
14) Allyl chloride	4.67	41	94891	19.938	ug/l 98
15) Acrylonitrile	5.37	53	60121	89.705	ug/l 97
16) Acetone	4.14	43	61964	90.913	ug/l 91
17) Carbon Disulfide	4.38	76	185227	20.404	ug/l 98
18) Methyl Acetate	4.67	43	26400	16.844	ug/l 95
19) Methyl tert-butyl Ether	5.42	73	136117	19.071	ug/l 99
20) Methylene Chloride	4.90	84	69181	18.117	ug/l 87
21) trans-1,2-Dichloroethene	5.42	96	64507	20.706	ug/l 91
22) Diisopropyl ether	6.31	45	188971	19.980	ug/l 98
23) Vinyl Acetate	6.25	43	556679	94.584	ug/l 99
24) 1,1-Dichloroethane	6.21	63	110846	20.206	ug/l 100
25) 2-Butanone	7.18	43	83025	88.141	ug/l 99
26) 2,2-Dichloropropane	7.16	77	106170	21.292	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	66934	20.005	ug/l 98
28) Bromochloromethane	7.51	49	42948	18.822	ug/l 100
29) Tetrahydrofuran	7.53	42	49591	83.544	ug/l 98
30) Chloroform	7.67	83	115262	20.408	ug/l 93
31) Cyclohexane	7.95	56	115924	20.580	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	108064	20.733	ug/l 98
36) 1,1-Dichloropropene	8.08	75	94380	21.221	ug/l 99
37) Ethyl Acetate	7.25	43	36545	17.494	ug/l 97
38) Carbon Tetrachloride	8.07	117	98136	21.366	ug/l 97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111060	20.966	ug/l	99
40) Benzene	8.32	78	246091	20.728	ug/l	97
41) Methacrylonitrile	7.48	41	20784	17.917	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	75769	19.769	ug/l	100
43) Isopropyl Acetate	8.42	43	69151	17.773	ug/l	98
44) Trichloroethene	9.09	130	69955	21.023	ug/l	97
45) 1,2-Dichloropropane	9.37	63	59582	20.038	ug/l	100
46) Dibromomethane	9.45	93	31020	19.102	ug/l	98
47) Bromodichloromethane	9.64	83	81235	19.762	ug/l	98
48) Methyl methacrylate	9.44	41	33814	18.665	ug/l	96
49) 1,4-Dioxane	9.46	88	8249	354.732	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	171598	86.877	ug/l	100
52) Toluene	10.38	92	166682	20.702	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	78731	19.365	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	94350	20.194	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42511	19.314	ug/l	96
56) Ethyl methacrylate	10.65	69	50152	18.359	ug/l	97
57) 1,3-Dichloropropane	10.93	76	75062	19.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	120828	85.323	ug/l	100
59) 2-Hexanone	10.97	43	123395	88.855	ug/l	98
60) Dibromochloromethane	11.13	129	51340	18.848	ug/l	96
61) 1,2-Dibromoethane	11.23	107	41111	19.053	ug/l	99
64) Tetrachloroethene	10.86	164	60025	20.265	ug/l	97
65) Chlorobenzene	11.66	112	180148	20.151	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	58392	19.561	ug/l	96
67) Ethyl Benzene	11.73	91	330368	20.455	ug/l	100
68) m/p-Xylenes	11.84	106	262793	41.223	ug/l	99
69) o-Xylene	12.16	106	120870	20.378	ug/l	97
70) Styrene	12.18	104	190464	19.846	ug/l	98
71) Bromoform	12.35	173	29230	18.237	ug/l #	99
73) Isopropylbenzene	12.46	105	331726	21.334	ug/l	98
74) N-amyl acetate	12.27	43	68073	18.493	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	48049	19.590	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	64745	37.741	ug/l #	1
77) Bromobenzene	12.75	156	76178	21.442	ug/l	93
78) n-propylbenzene	12.80	91	413235	21.576	ug/l	100
79) 2-Chlorotoluene	12.89	91	227764	21.166	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	285449	21.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13916	18.144	ug/l	98
82) 4-Chlorotoluene	12.99	91	240406	20.959	ug/l	99
83) tert-Butylbenzene	13.21	119	244429	21.623	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	288958	21.312	ug/l	100
85) sec-Butylbenzene	13.38	105	360437	21.521	ug/l	99
86) p-Isopropyltoluene	13.50	119	318140	21.234	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	156981	21.025	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	154752	20.973	ug/l	99
89) n-Butylbenzene	13.83	91	307067	21.559	ug/l	99
90) Hexachloroethane	14.10	117	55880	21.625	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	134955	20.487	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7489	17.143	ug/l	89

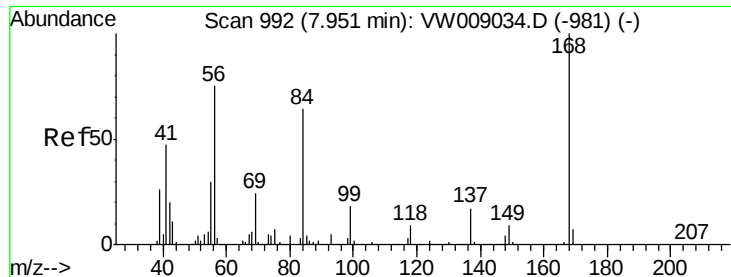
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	90493	20.341	ug/l	98
94) Hexachlorobutadiene	15.24	225	61624	22.115	ug/l	99
95) Naphthalene	15.37	128	132203	18.154	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	77989	19.936	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. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

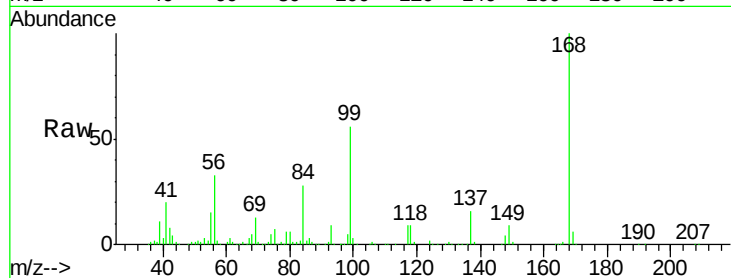
VW0307SBS01

Tgt Ion:168 Resp: 300208

Ion Ratio Lower Upper

168 100

99 55.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

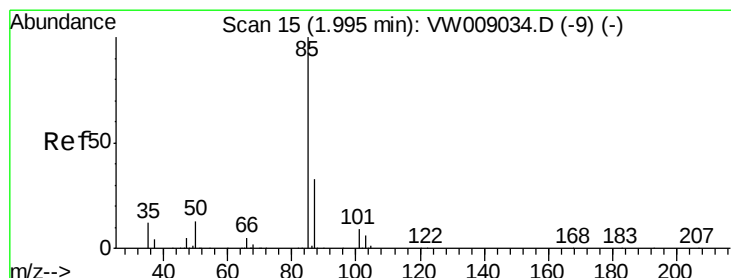
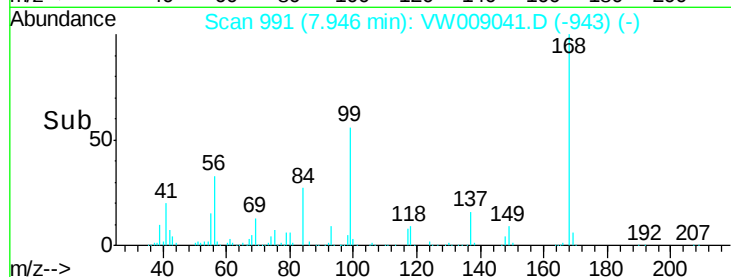
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.875 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW009041.D

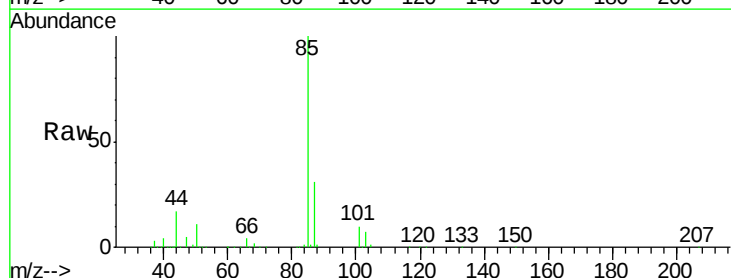
Acq: 07 Mar 2019 15:57

Tgt Ion: 85 Resp: 69208

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

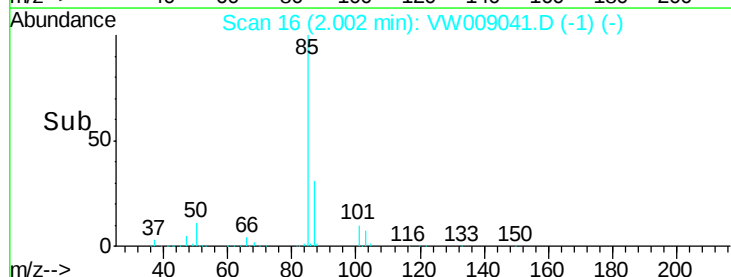
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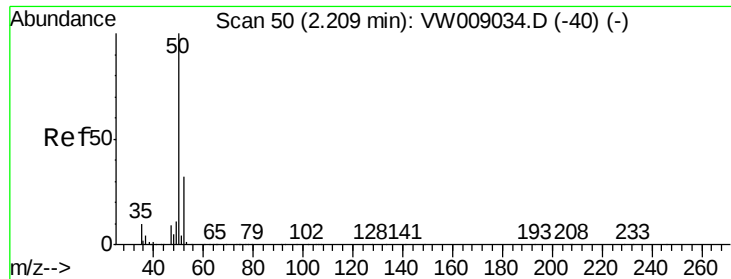
20000

10000

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Time-->





#3

Chloromethane

Concen: 21.706 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

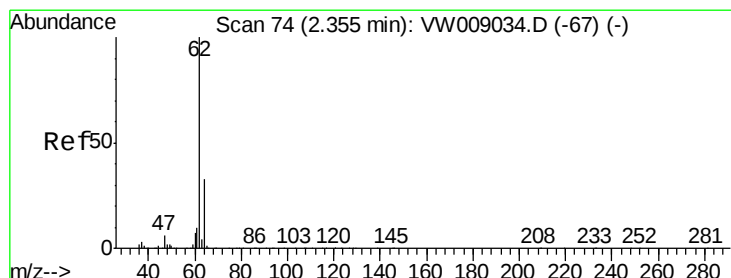
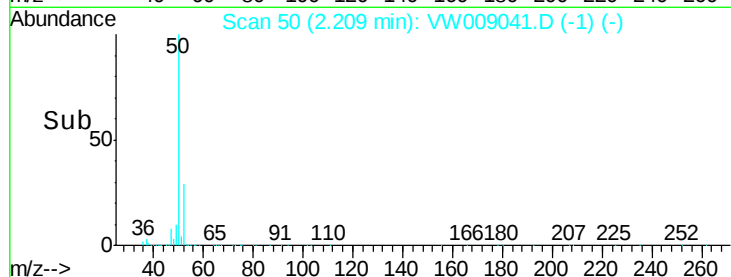
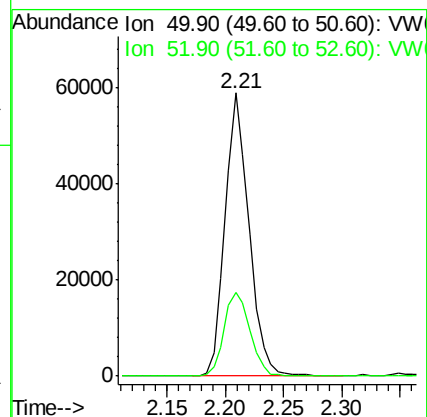
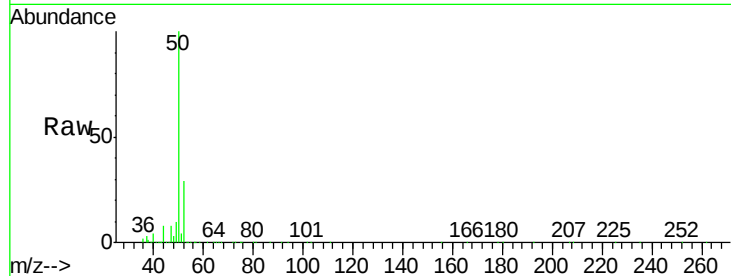
VW0307SBS01

Tgt Ion: 50 Resp: 83428

Ion Ratio Lower Upper

50 100

52 29.5 25.4 38.2



#4

Vinyl Chloride

Concen: 20.494 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009041.D

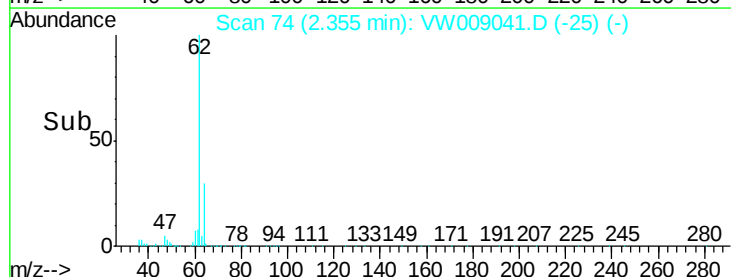
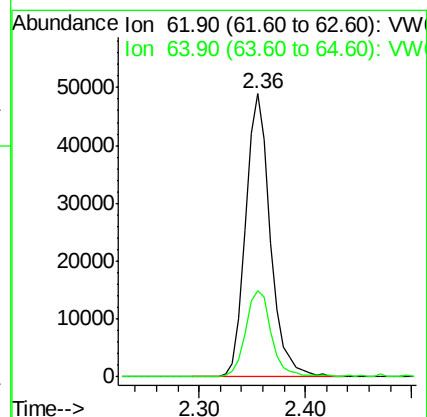
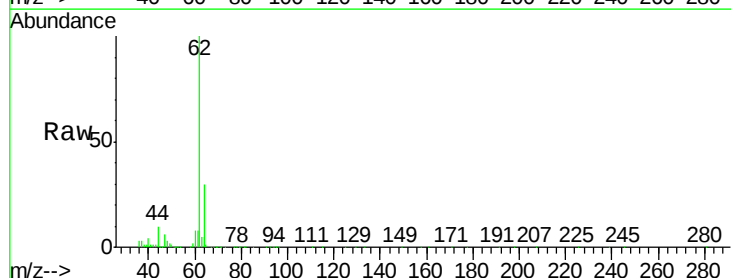
Acq: 07 Mar 2019 15:57

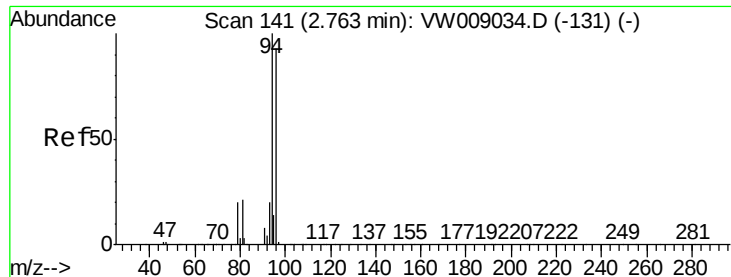
Tgt Ion: 62 Resp: 79938

Ion Ratio Lower Upper

62 100

64 30.2 26.0 39.0





#5

Bromomethane

Concen: 24.423 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

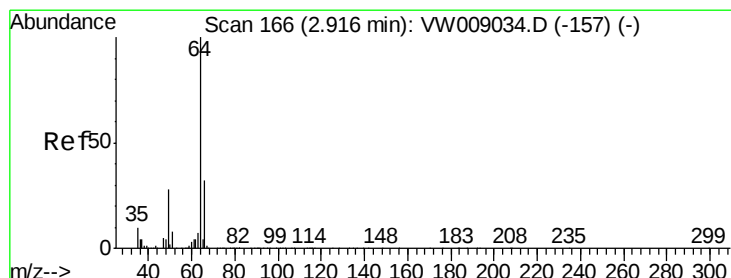
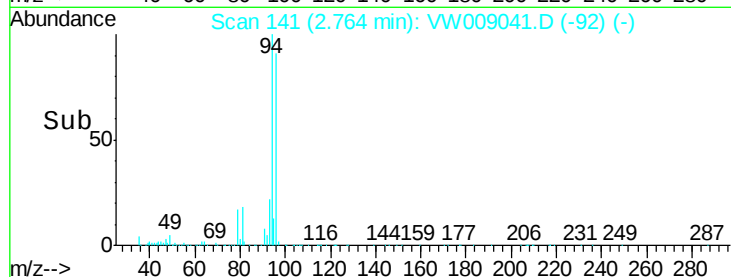
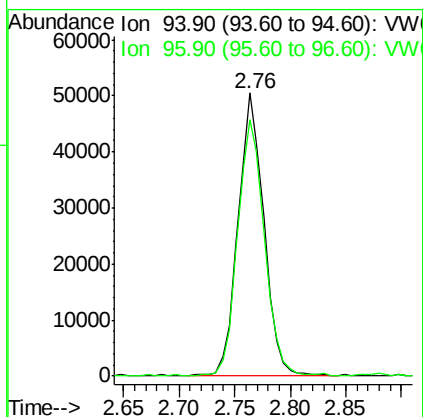
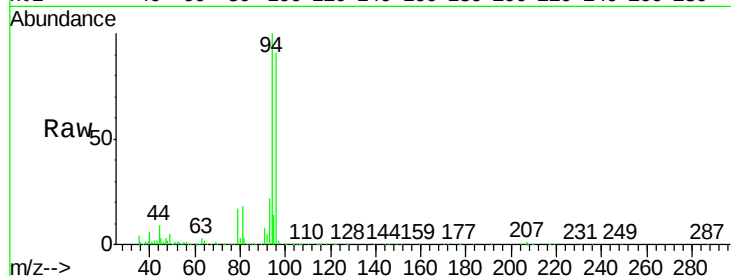
VW0307SBS01

Tgt Ion: 94 Resp: 80413

Ion Ratio Lower Upper

94 100

96 90.7 74.4 111.6



#6

Chloroethane

Concen: 20.856 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009041.D

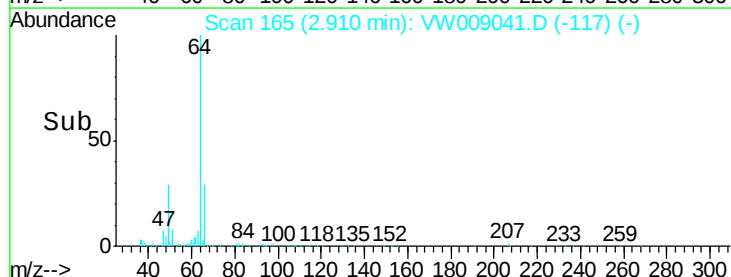
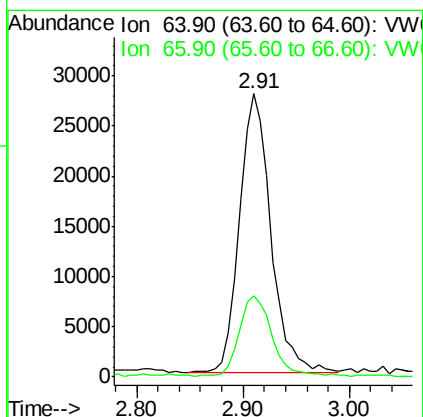
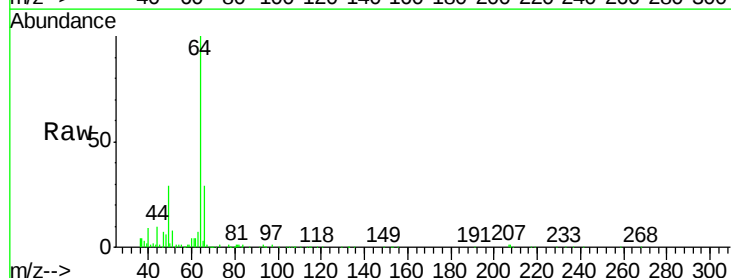
Acq: 07 Mar 2019 15:57

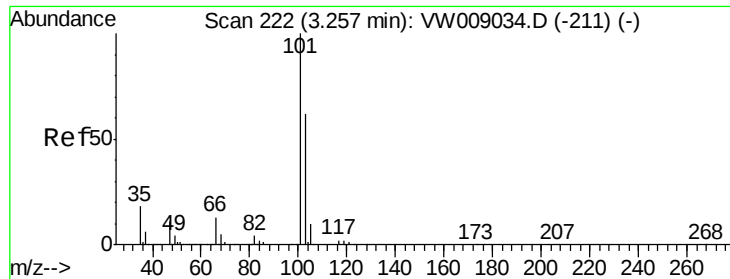
Tgt Ion: 64 Resp: 57912

Ion Ratio Lower Upper

64 100

66 28.6 25.5 38.3



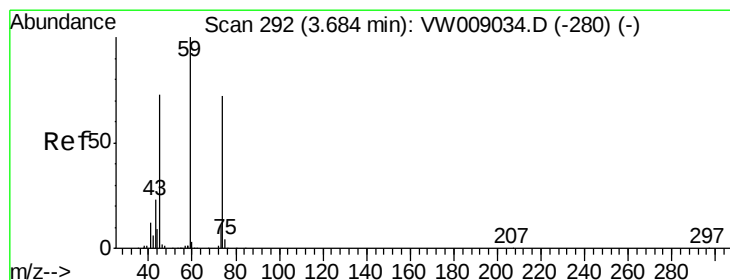
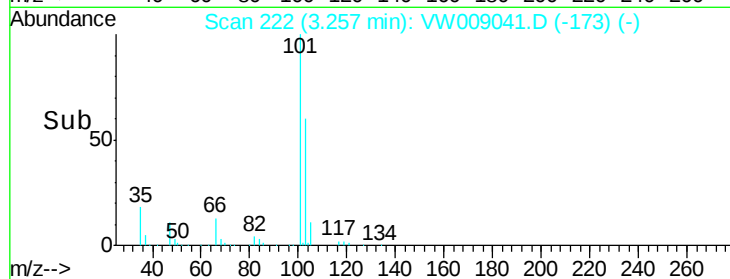
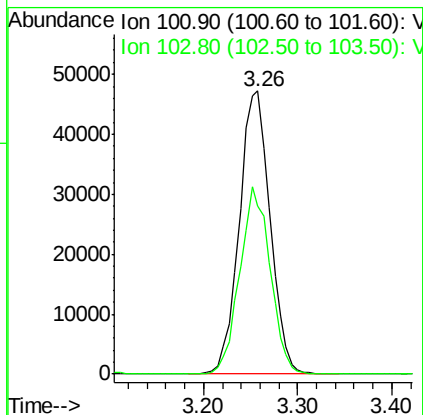
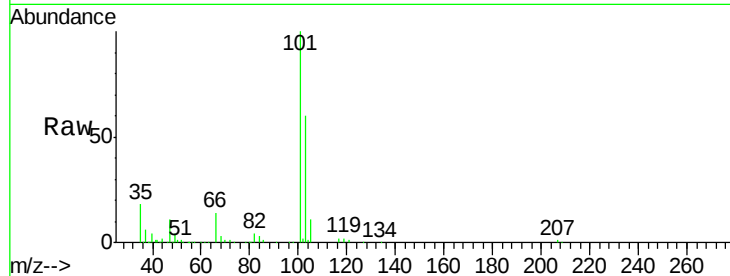


#7

Trichlorofluoromethane
 Concen: 21.440 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Instrument :
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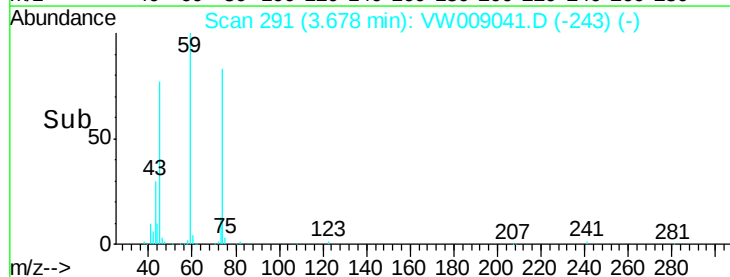
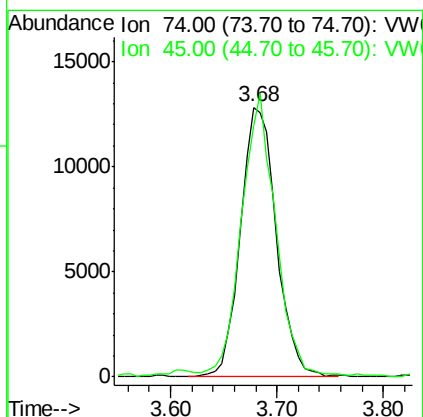
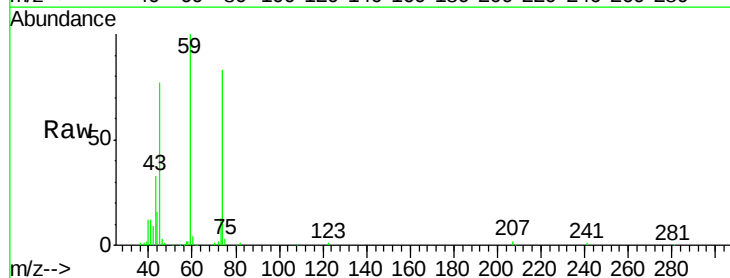
Tgt Ion:101 Resp: 107674
 Ion Ratio Lower Upper
 101 100
 103 59.6 49.9 74.9

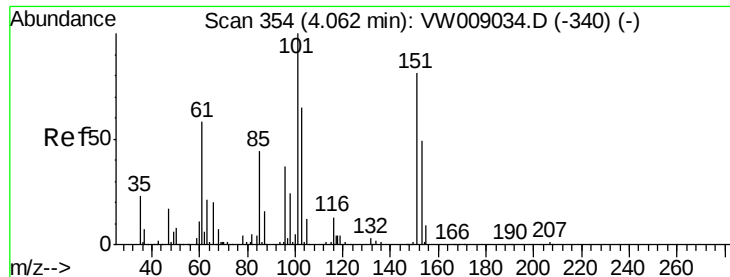


#8

Diethyl Ether
 Concen: 19.766 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion: 74 Resp: 30352
 Ion Ratio Lower Upper
 74 100
 45 99.6 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.818 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

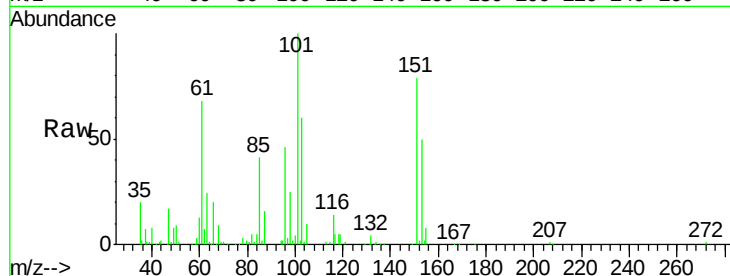
Tgt Ion:101 Resp: 65116

Ion Ratio Lower Upper

101 100

85 45.4 36.2 54.4

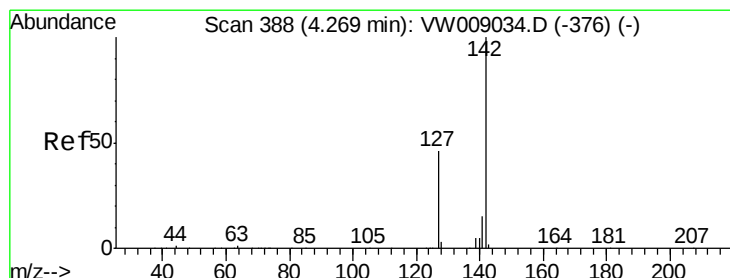
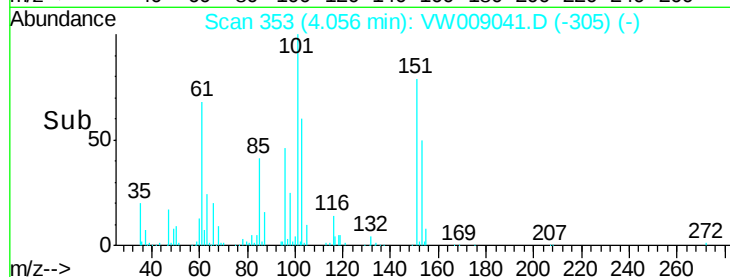
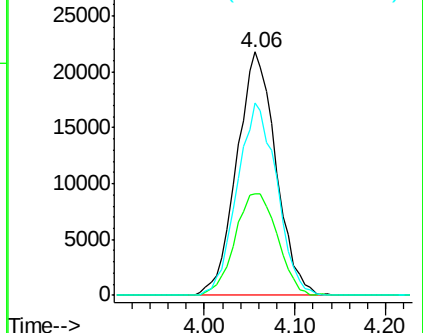
151 80.2 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.757 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

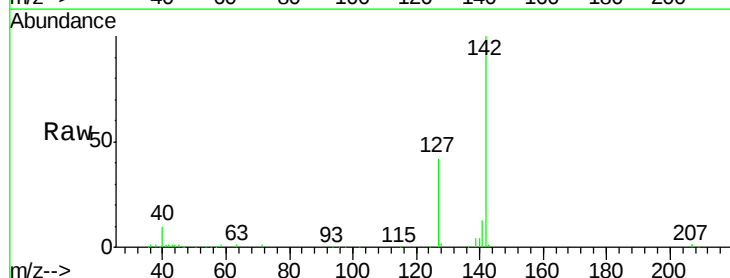
Tgt Ion:142 Resp: 56422

Ion Ratio Lower Upper

142 100

127 45.3 35.8 53.6

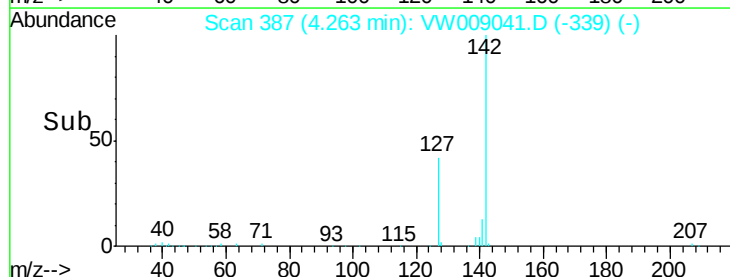
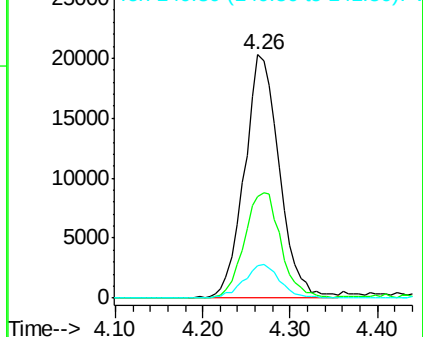
141 14.1 11.8 17.8

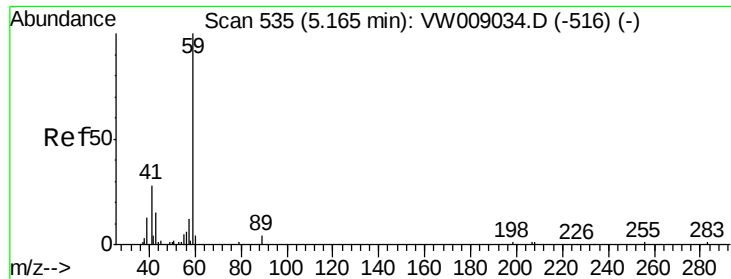


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

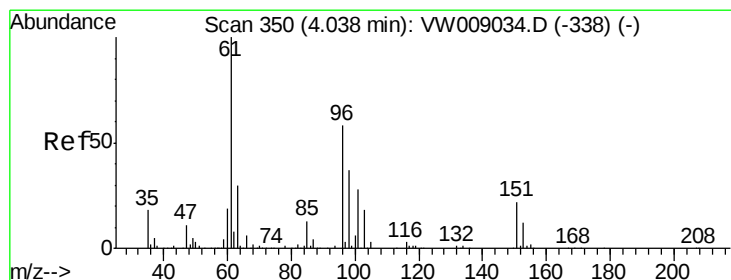
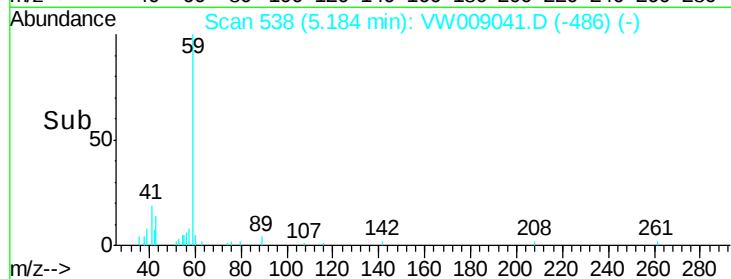
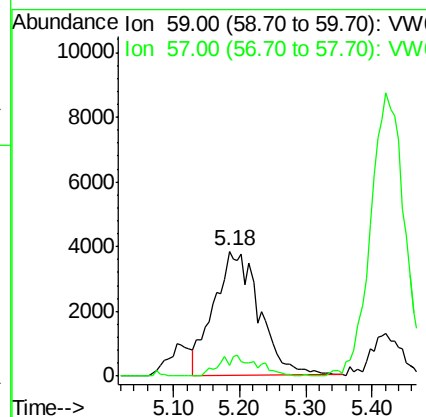
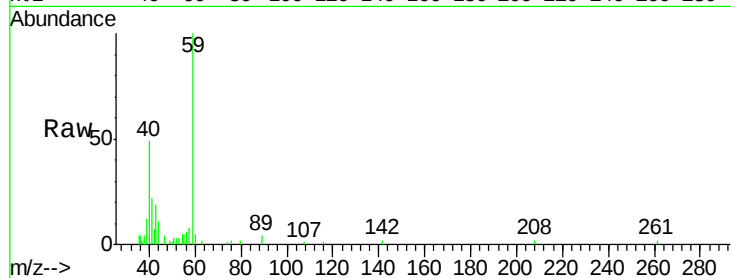




#11
Tert butyl alcohol
Concen: 78.552 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

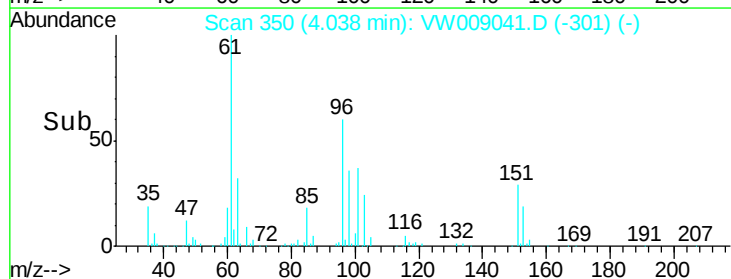
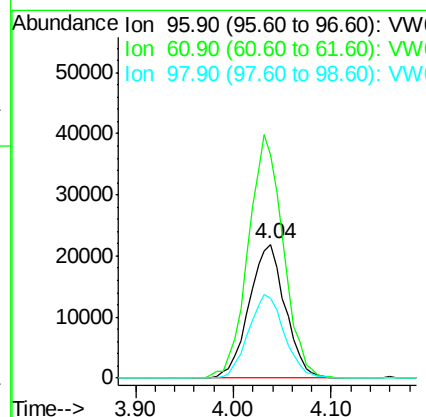
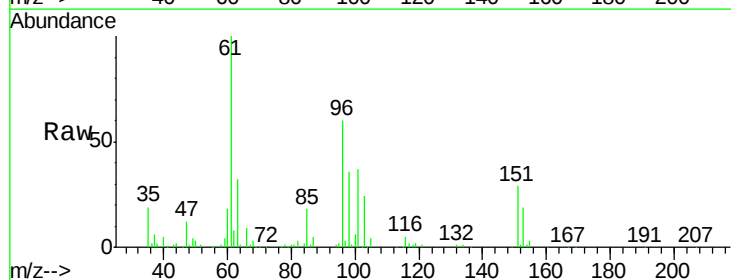
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

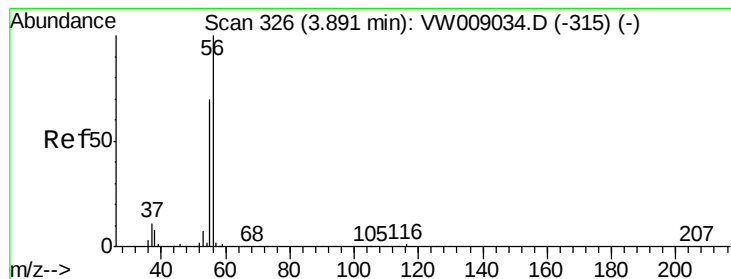
Tgt Ion: 59 Resp: 18181
Ion Ratio Lower Upper
59 100
57 4.4 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 20.881 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 96 Resp: 56339
Ion Ratio Lower Upper
96 100
61 166.2 138.2 207.2
98 59.4 51.3 76.9





#13

Acrolein

Concen: 86.697 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

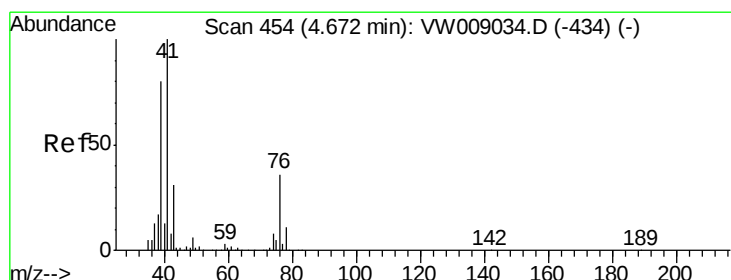
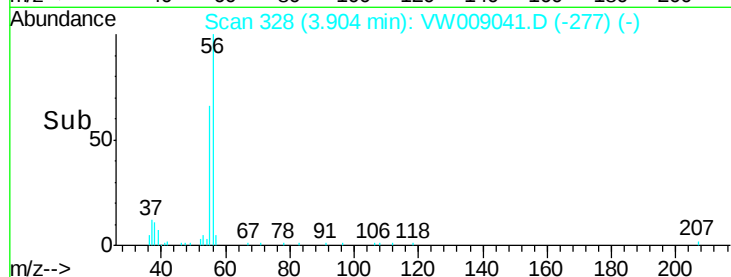
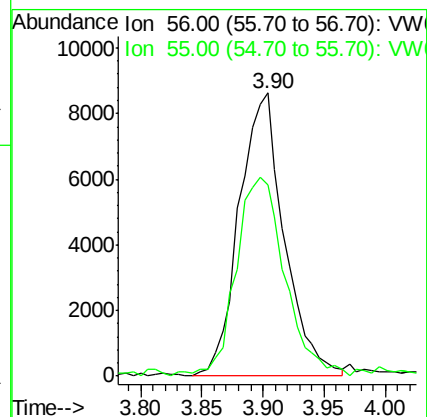
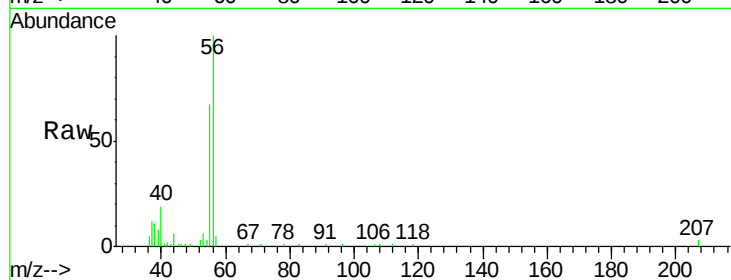
VW0307SBS01

Tgt Ion: 56 Resp: 22081

Ion Ratio Lower Upper

56 100

55 76.2 56.6 84.8



#14

Allyl chloride

Concen: 19.938 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

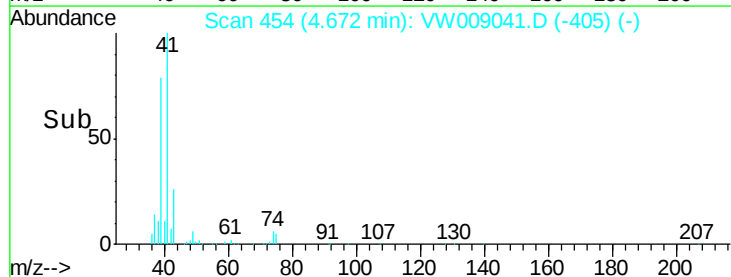
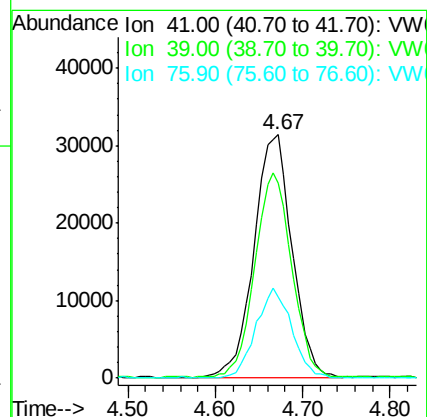
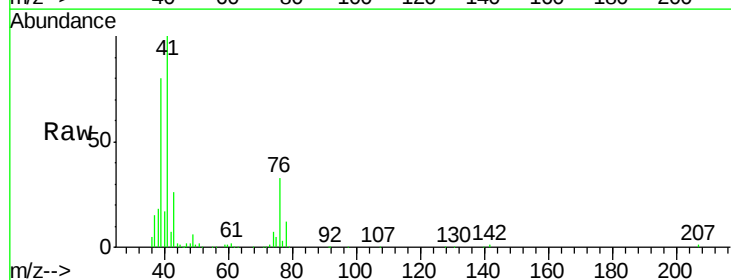
Tgt Ion: 41 Resp: 94891

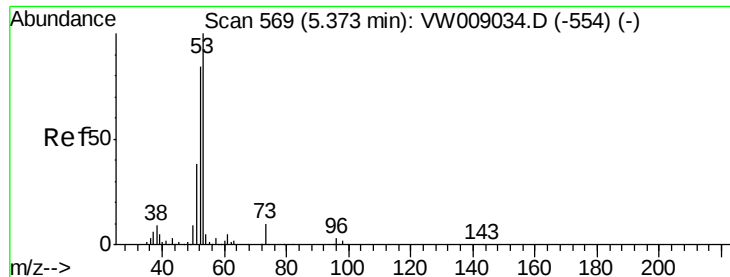
Ion Ratio Lower Upper

41 100

39 81.1 63.0 94.4

76 34.9 28.2 42.2

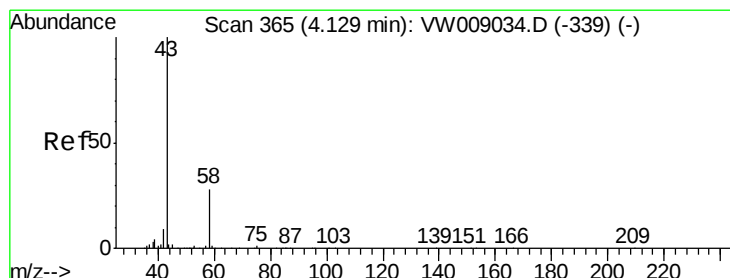
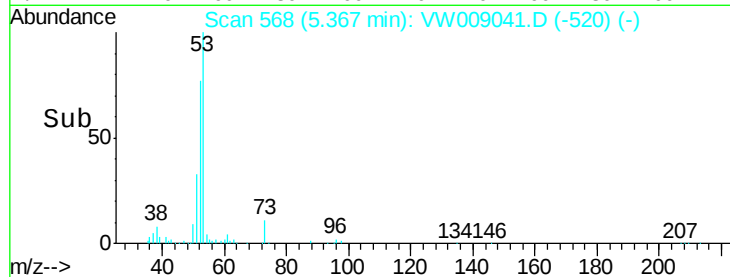
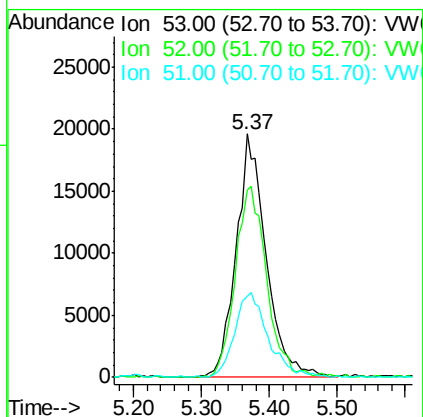
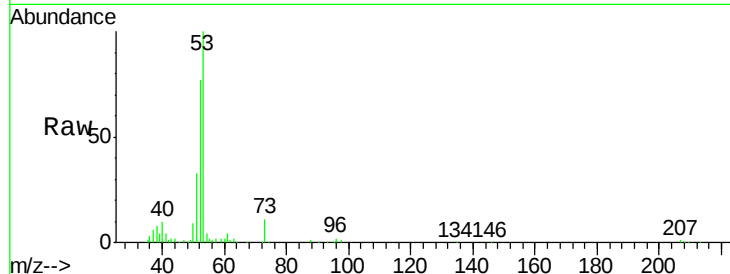




#15
 Acrylonitrile
 Concen: 89.705 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

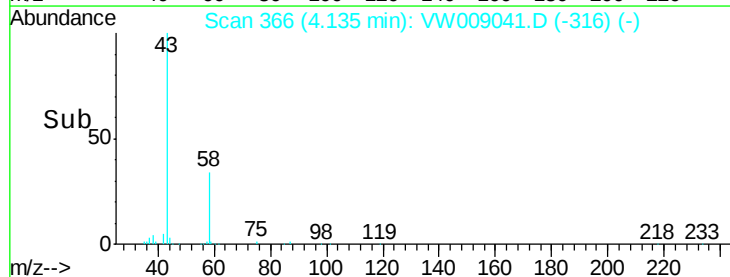
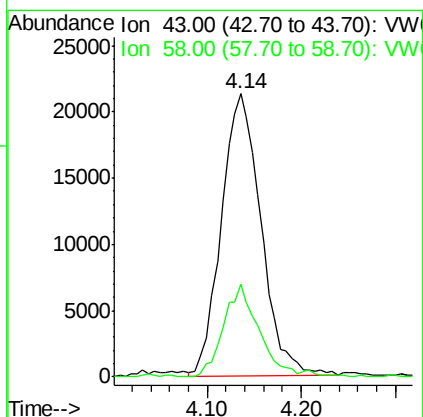
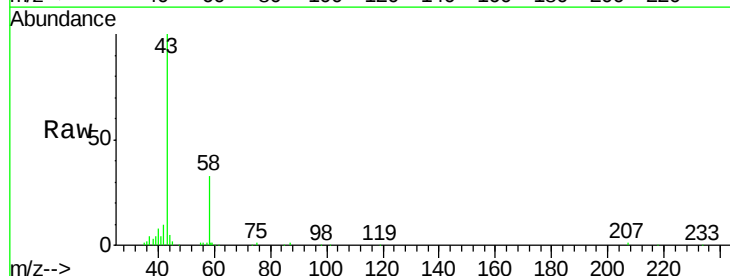
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

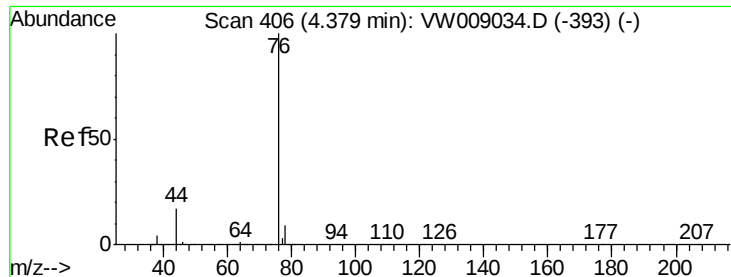
Tgt Ion: 53 Resp: 60121
 Ion Ratio Lower Upper
 53 100
 52 80.6 67.2 100.8
 51 38.8 31.8 47.6



#16
 Acetone
 Concen: 90.913 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion: 43 Resp: 61964
 Ion Ratio Lower Upper
 43 100
 58 32.9 22.5 33.7

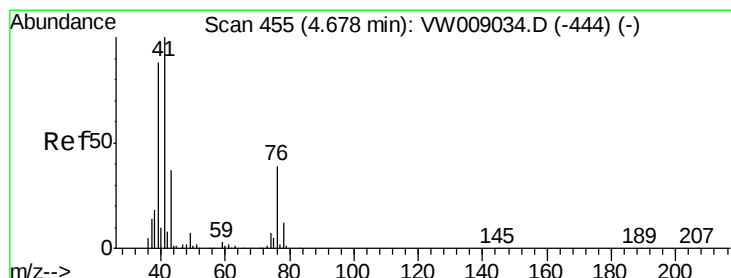
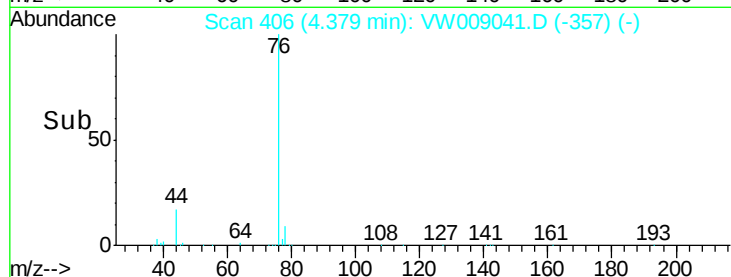
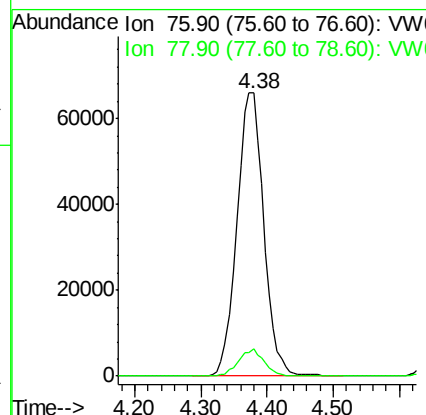
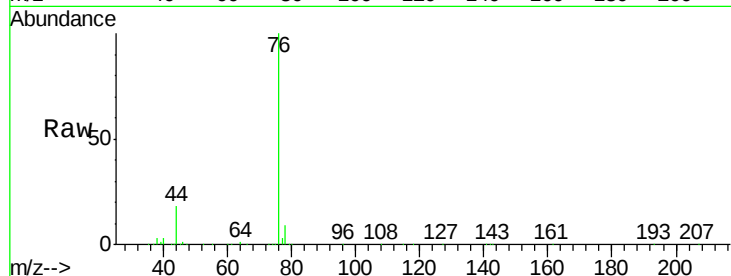




#17
Carbon Disulfide
Concen: 20.404 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

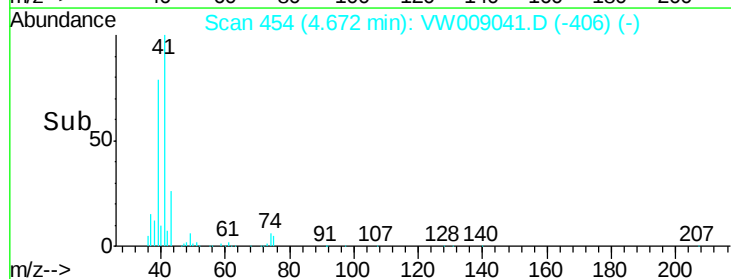
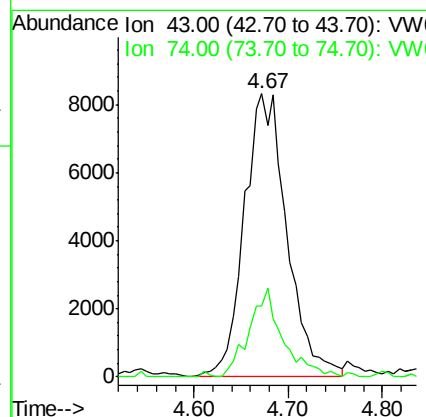
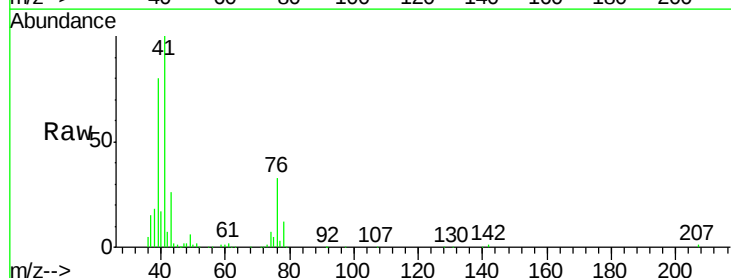
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

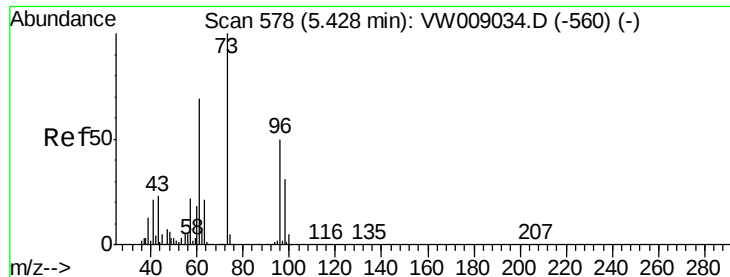
Tgt Ion: 76 Resp: 185227
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 16.844 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 43 Resp: 26400
Ion Ratio Lower Upper
43 100
74 24.6 17.6 26.4

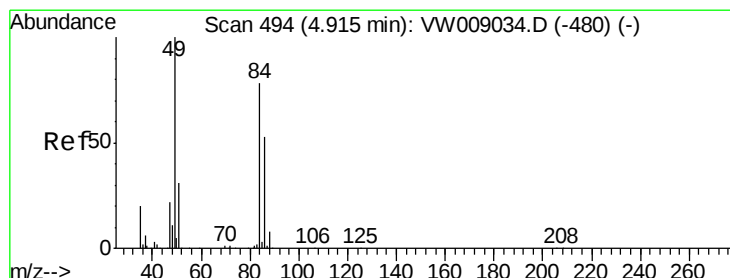
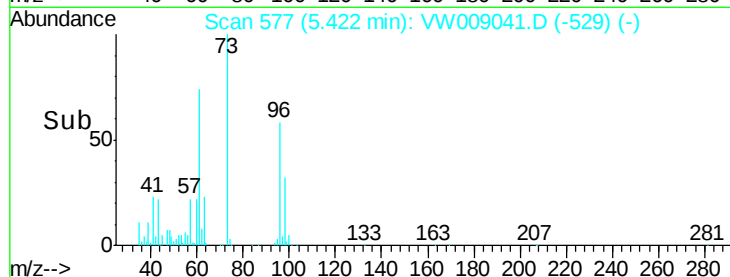
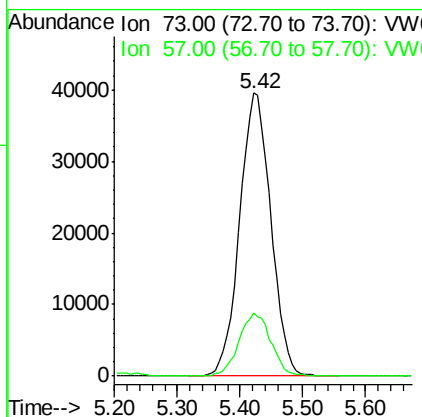
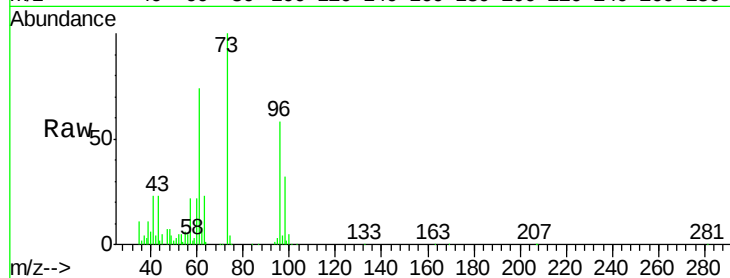




#19
Methyl tert-butyl Ether
Concen: 19.071 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

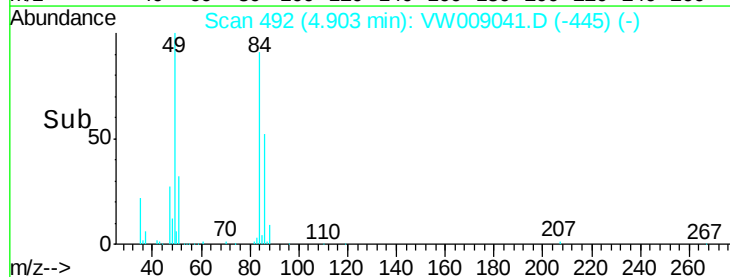
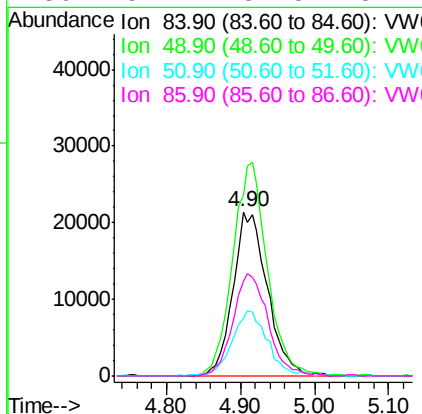
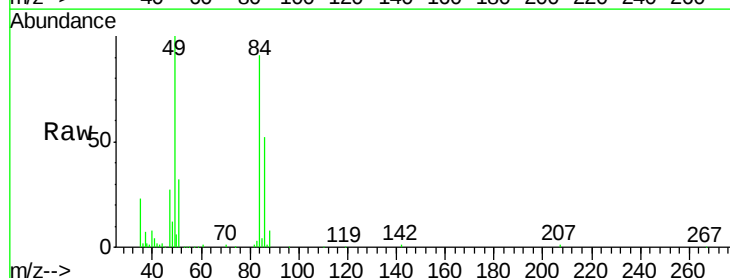
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

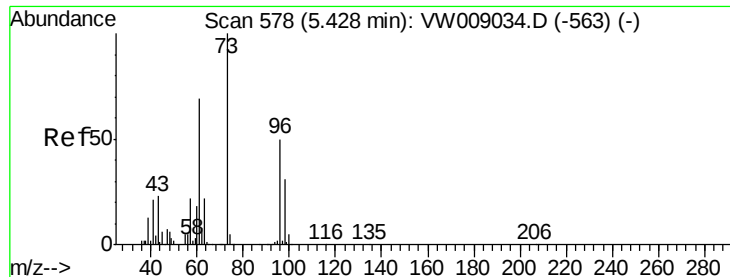
Tgt Ion: 73 Resp: 136117
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 18.117 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 84 Resp: 69181
Ion Ratio Lower Upper
84 100
49 110.3 102.4 153.6
51 34.8 31.6 47.4
86 57.4 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 20.706 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

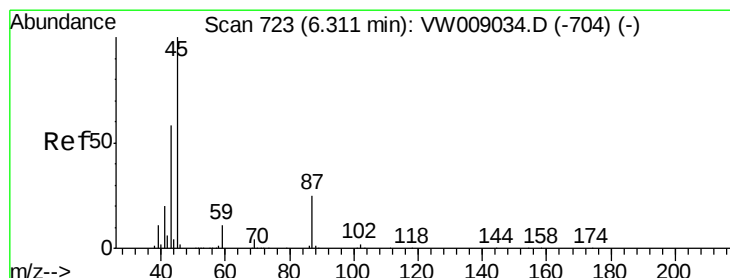
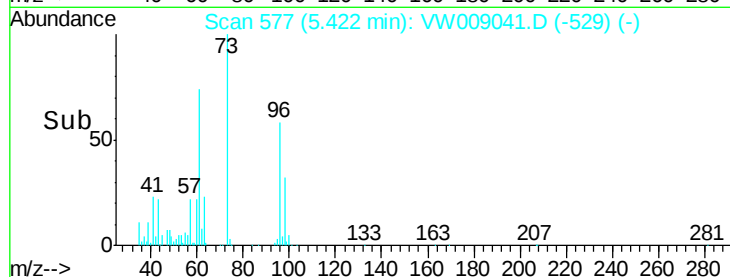
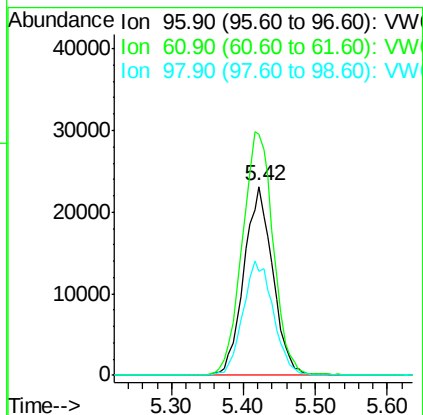
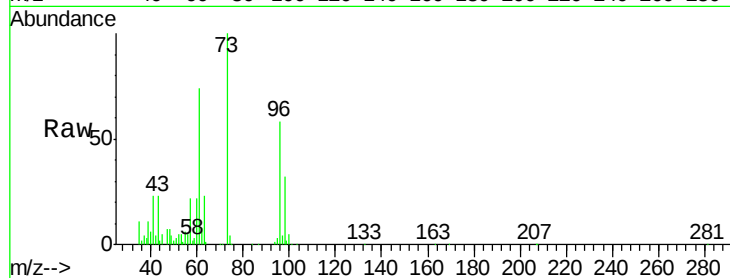
Tgt Ion: 96 Resp: 64507

Ion Ratio Lower Upper

96 100

61 127.5 111.0 166.6

98 55.5 49.4 74.0



#22

Diisopropyl ether

Concen: 19.980 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Tgt Ion: 45 Resp: 188971

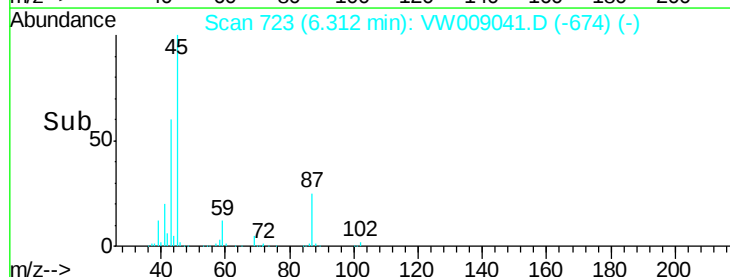
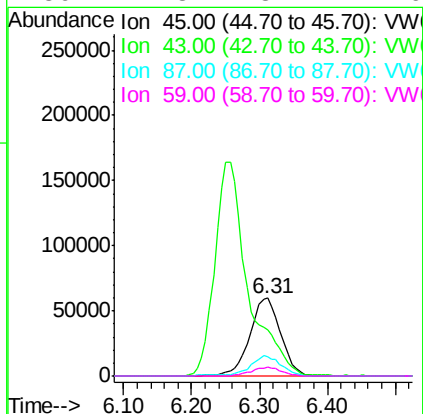
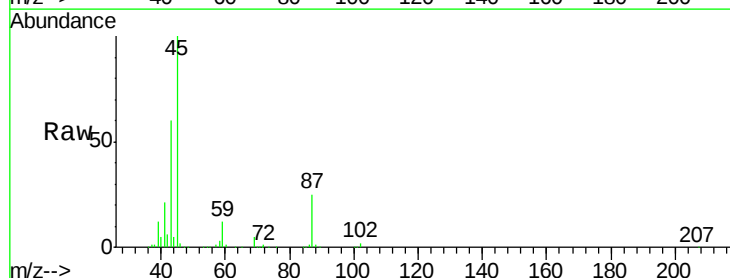
Ion Ratio Lower Upper

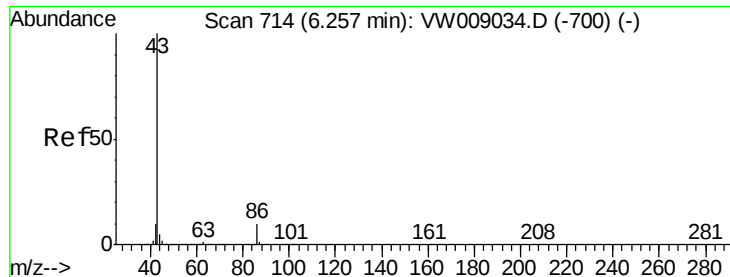
45 100

43 59.0 46.2 69.4

87 25.3 20.1 30.1

59 11.8 8.4 12.6





#23

Vinyl Acetate

Concen: 94.584 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

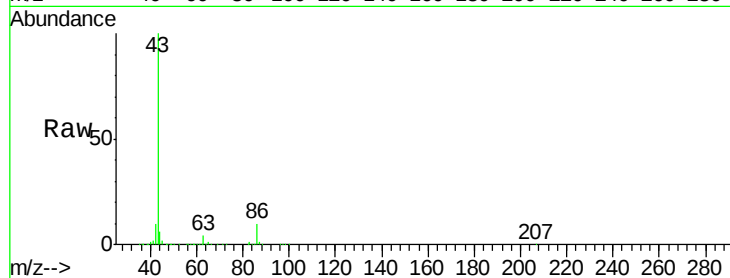
VW0307SBS01

Tgt Ion: 43 Resp: 556679

Ion Ratio Lower Upper

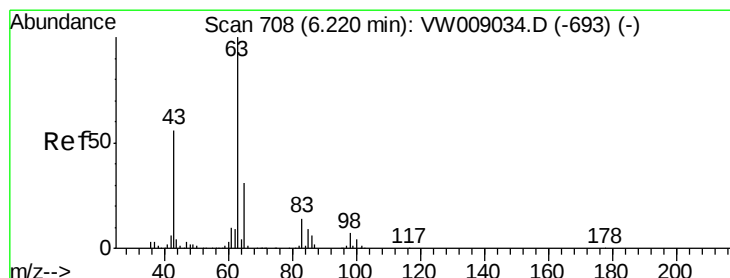
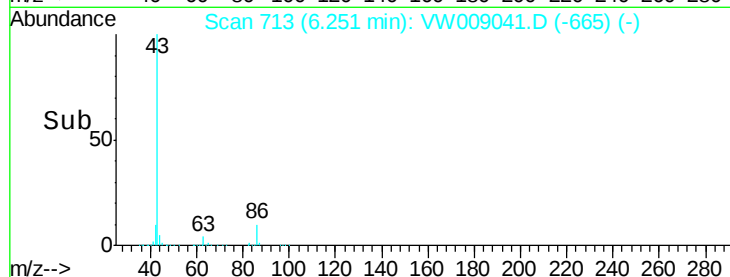
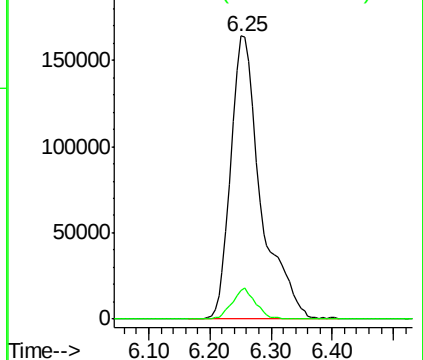
43 100

86 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.206 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

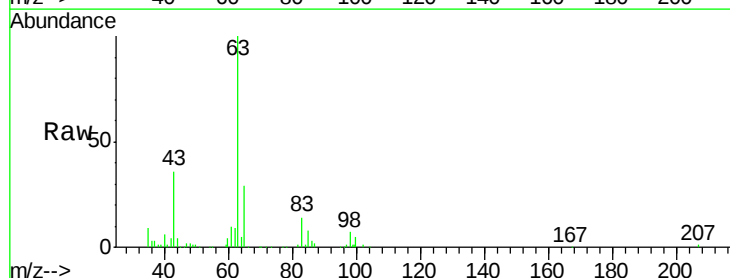
Tgt Ion: 63 Resp: 110846

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

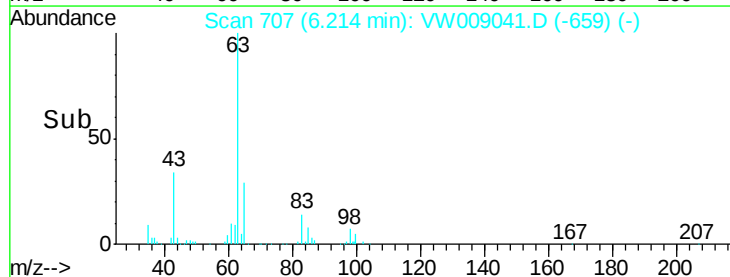
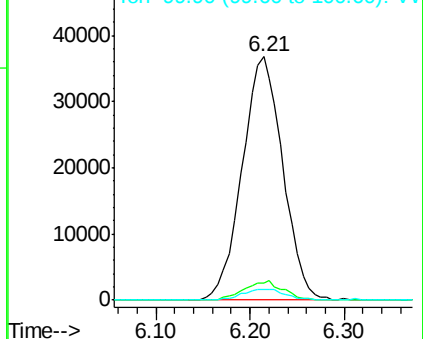
100 4.5 2.1 6.2

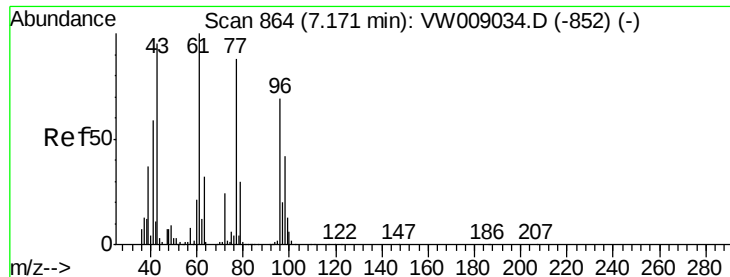


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 88.141 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

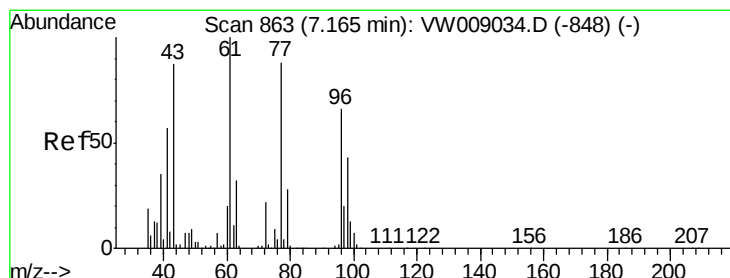
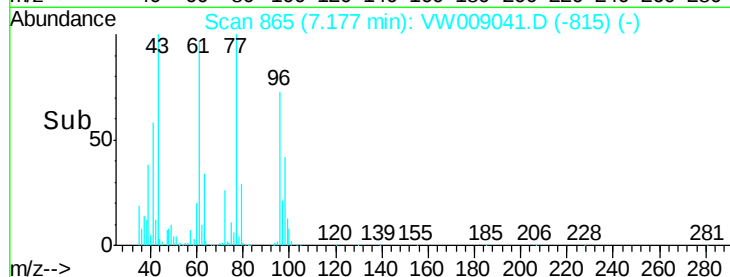
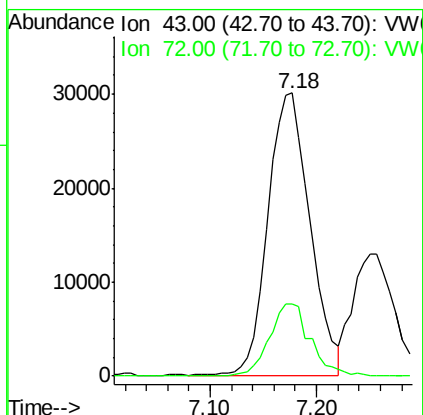
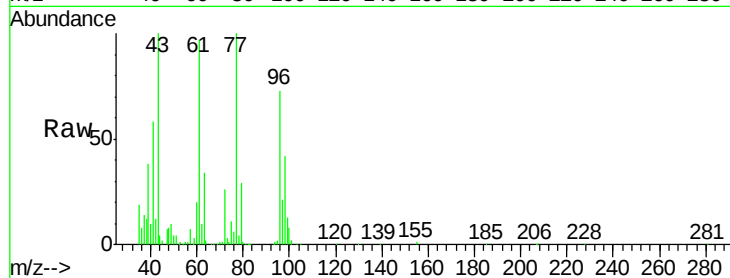
VW0307SBS01

Tgt Ion: 43 Resp: 83025

Ion Ratio Lower Upper

43 100

72 25.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 21.292 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW009041.D

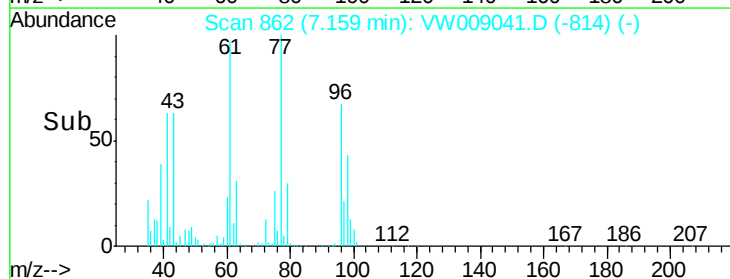
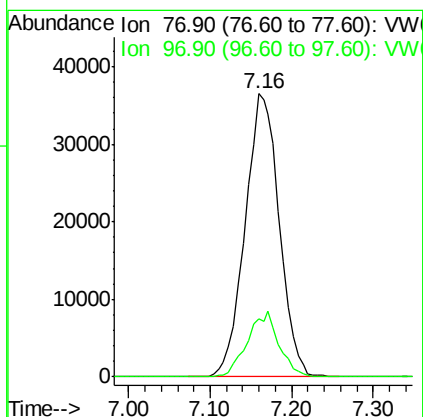
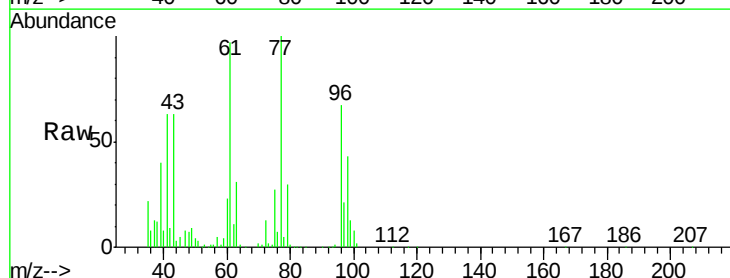
Acq: 07 Mar 2019 15:57

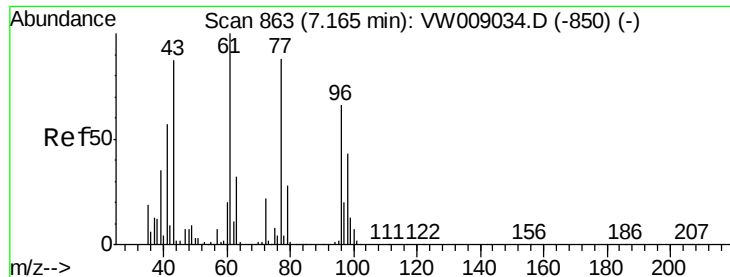
Tgt Ion: 77 Resp: 106170

Ion Ratio Lower Upper

77 100

97 21.5 10.9 32.9



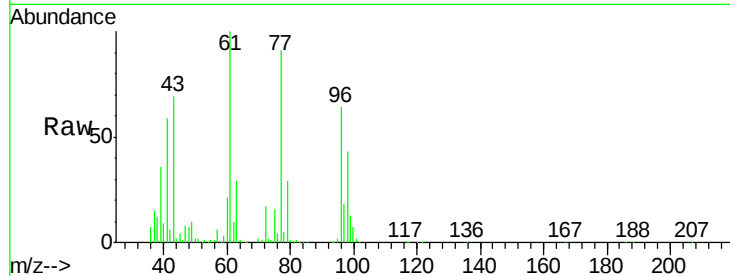


#27

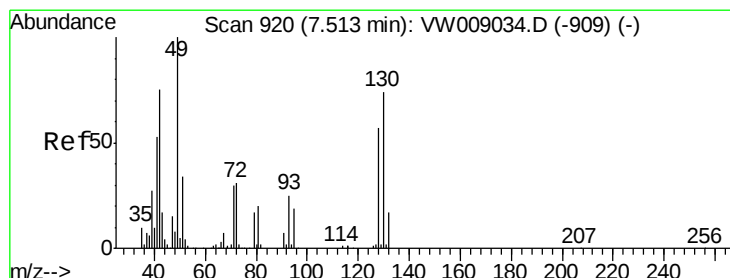
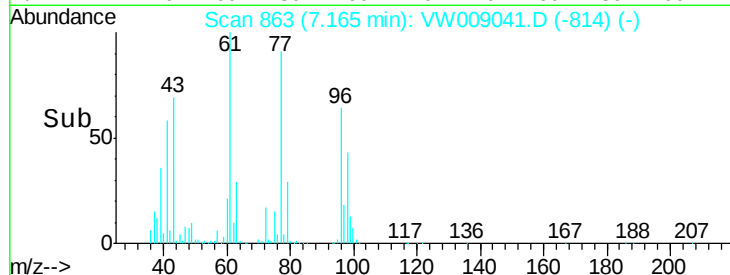
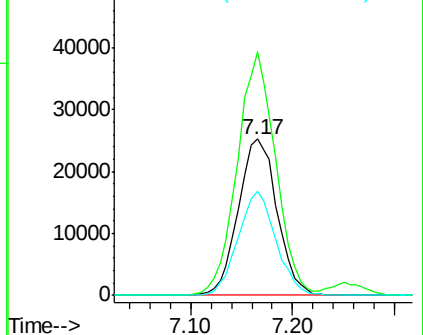
cis-1,2-Dichloroethene
Concen: 20.005 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

Tgt Ion: 96 Resp: 66934
Ion Ratio Lower Upper
96 100
61 152.9 0.0 299.8
98 64.7 0.0 127.2



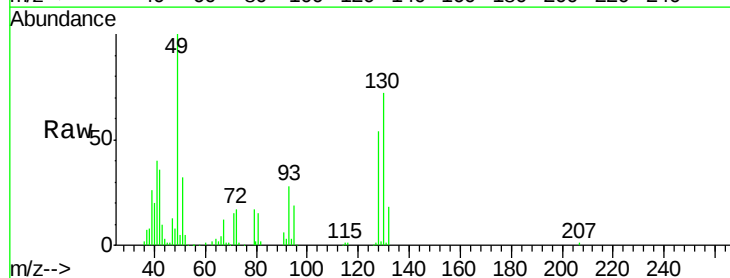
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



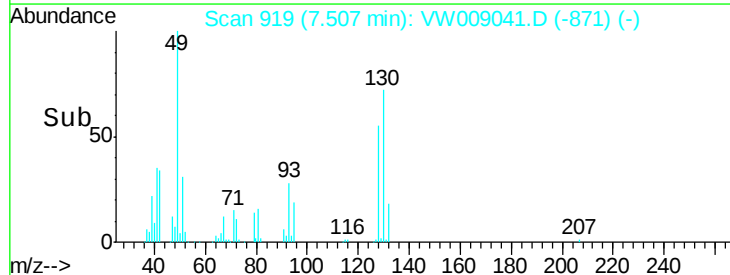
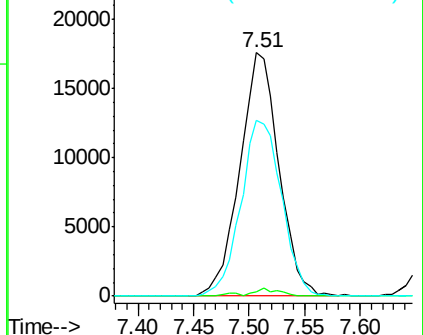
#28

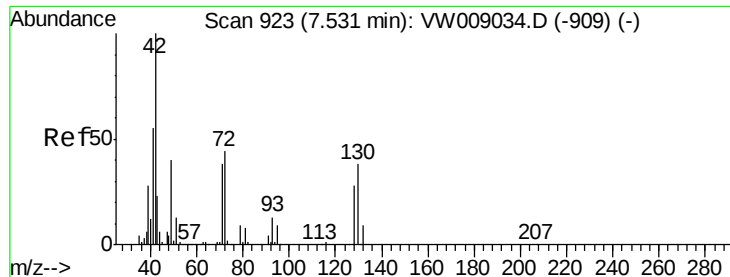
Bromochloromethane
Concen: 18.822 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 49 Resp: 42948
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 75.2 60.4 90.6



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

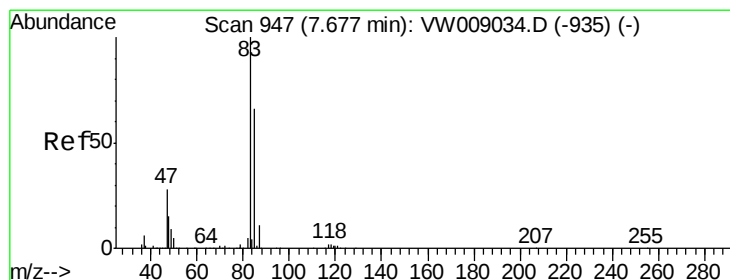
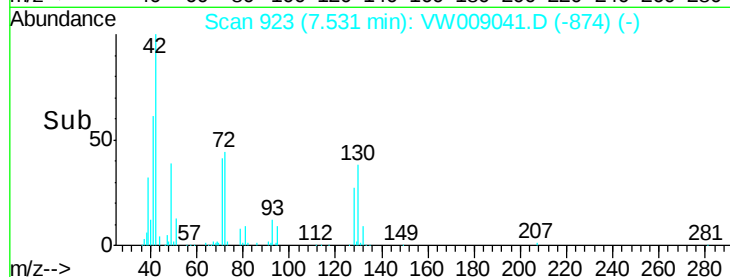
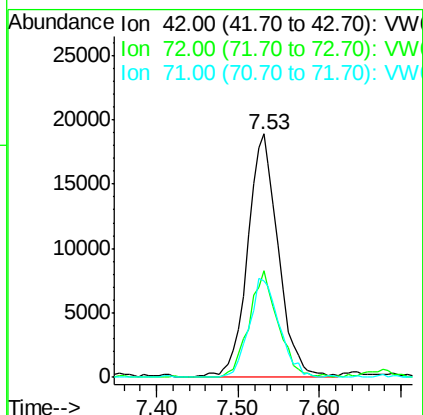
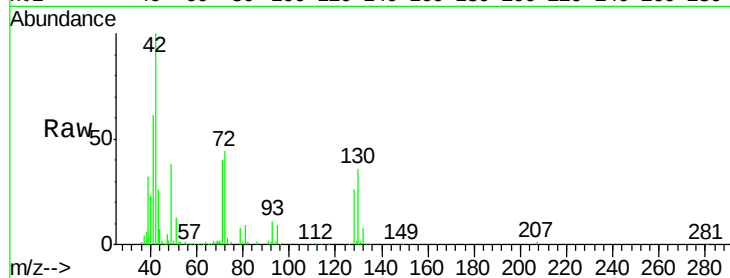




#29
Tetrahydrofuran
Concen: 83.544 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

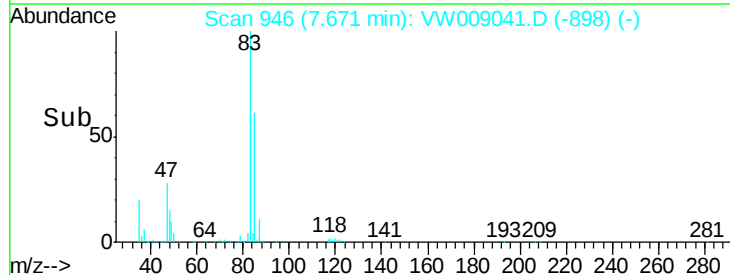
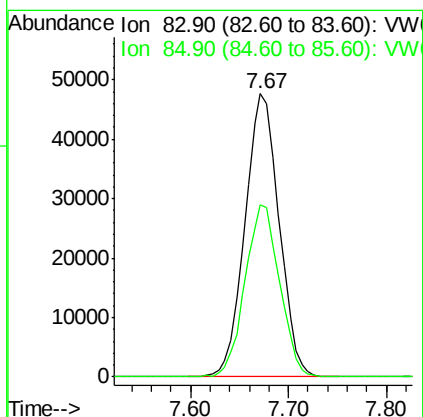
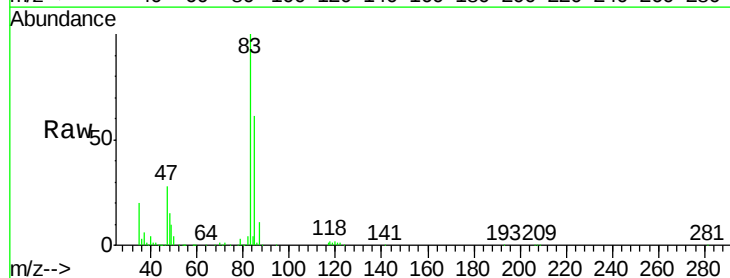
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

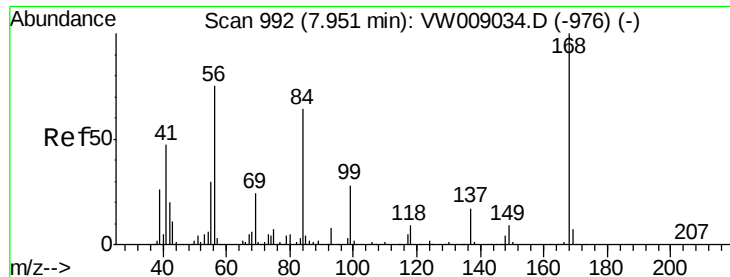
Tgt Ion: 42 Resp: 49591
Ion Ratio Lower Upper
42 100
72 41.4 32.2 48.4
71 39.8 30.7 46.1



#30
Chloroform
Concen: 20.408 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 83 Resp: 115262
Ion Ratio Lower Upper
83 100
85 60.9 53.0 79.6

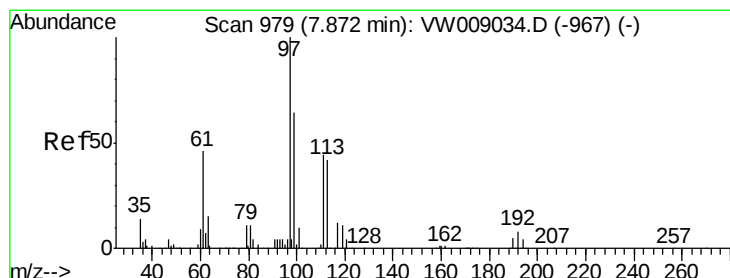
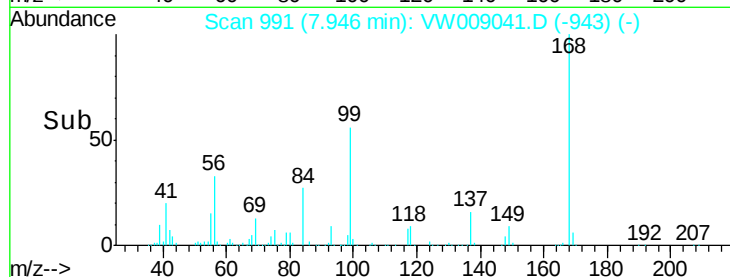
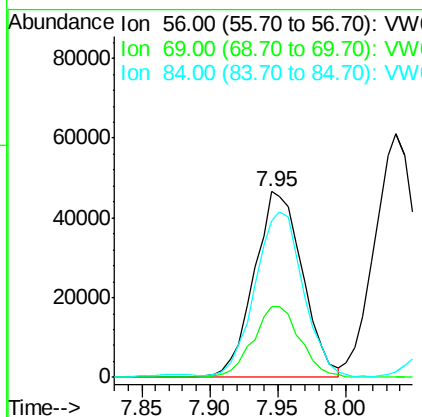
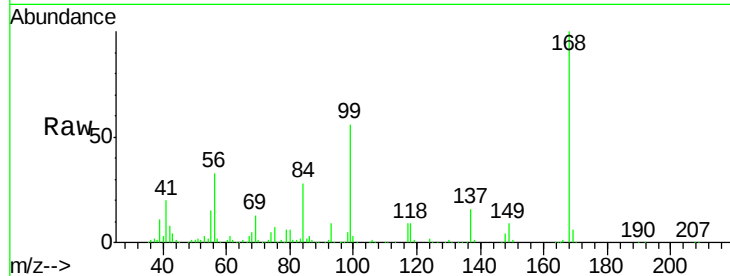




#31
Cyclohexane
Concen: 20.580 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

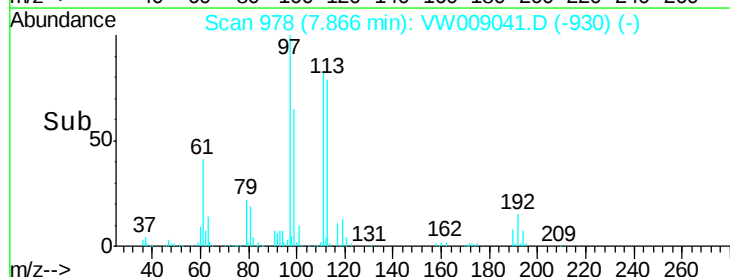
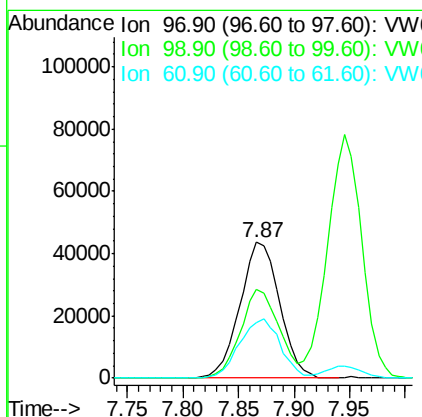
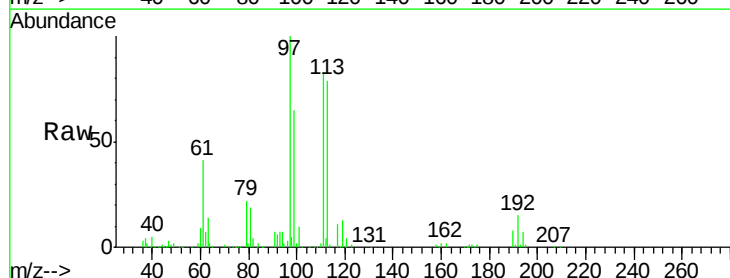
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

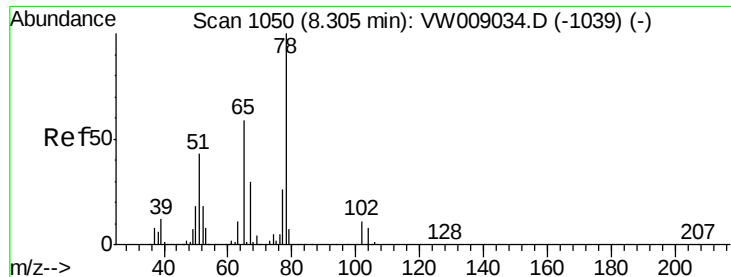
Tgt Ion: 56 Resp: 115924
Ion Ratio Lower Upper
56 100
69 38.2 25.5 38.3
84 82.7 68.6 103.0



#32
1,1,1-Trichloroethane
Concen: 20.733 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 97 Resp: 108064
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.8
61 45.1 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 50.508 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

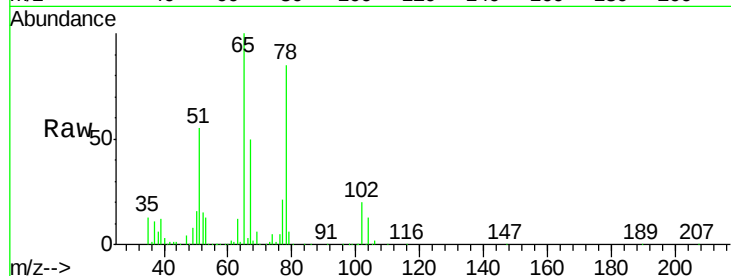
VW0307SBS01

Tgt Ion: 65 Resp: 152555

Ion Ratio Lower Upper

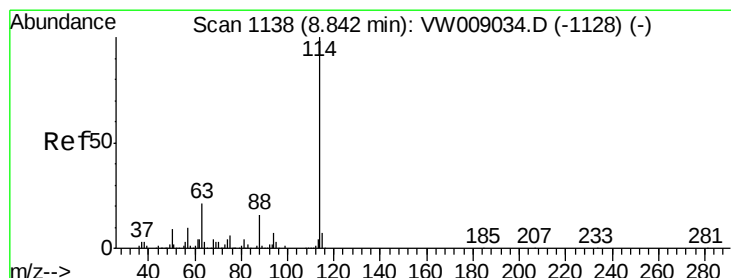
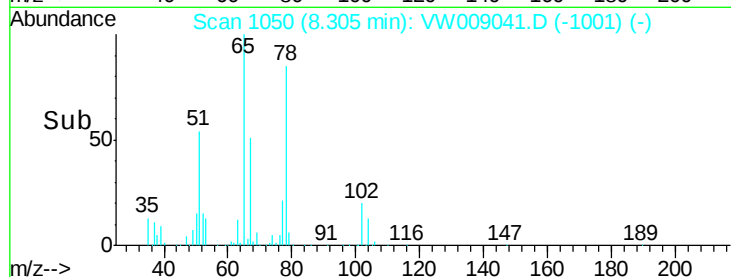
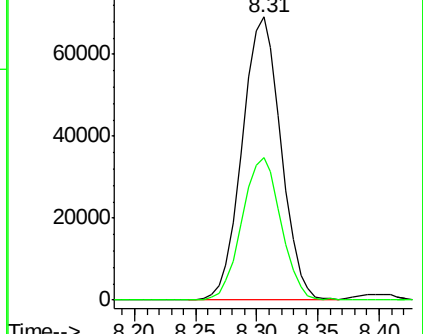
65 100

67 50.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

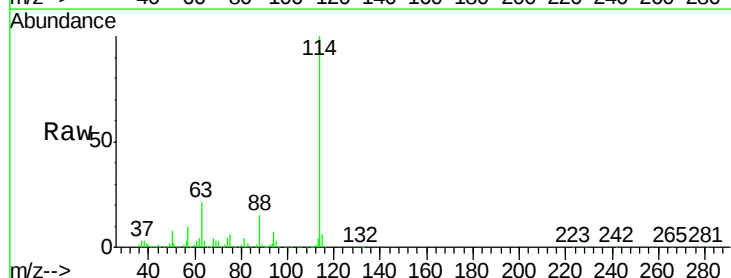
Tgt Ion: 114 Resp: 425339

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

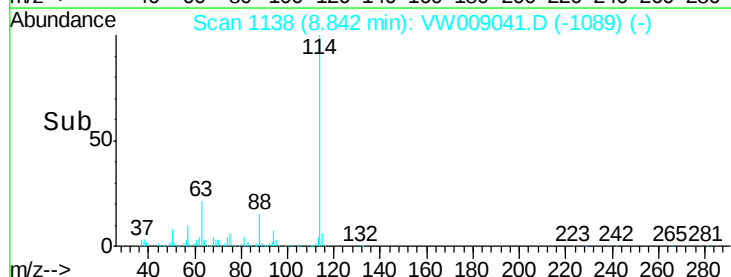
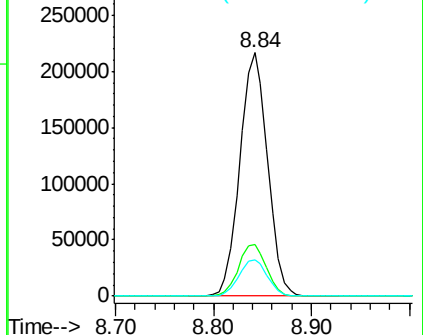
88 14.7 0.0 31.2

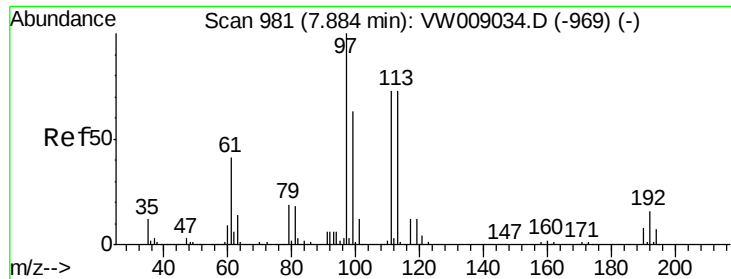


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 54.160 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

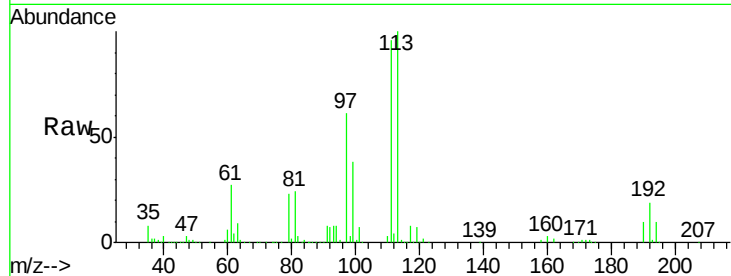
Tgt Ion:113 Resp: 138699

Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.4

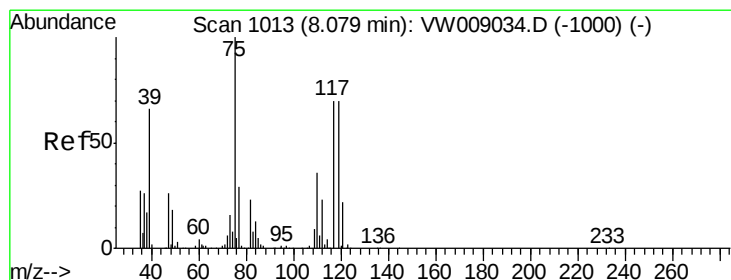
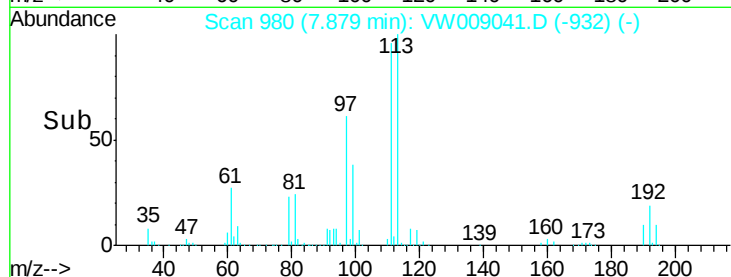
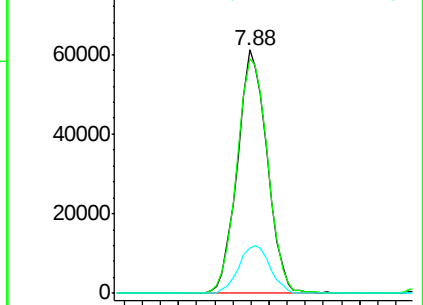
192 20.8 17.1 25.7



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: 21.221 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

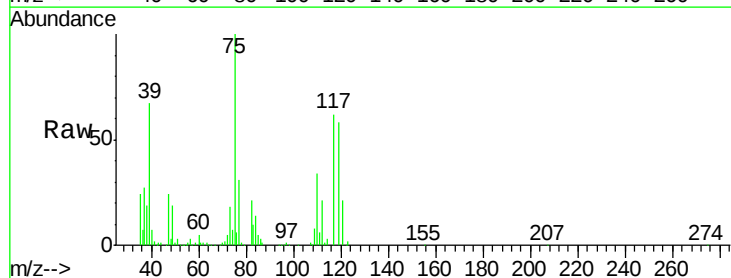
Tgt Ion: 75 Resp: 94380

Ion Ratio Lower Upper

75 100

110 34.7 17.6 52.9

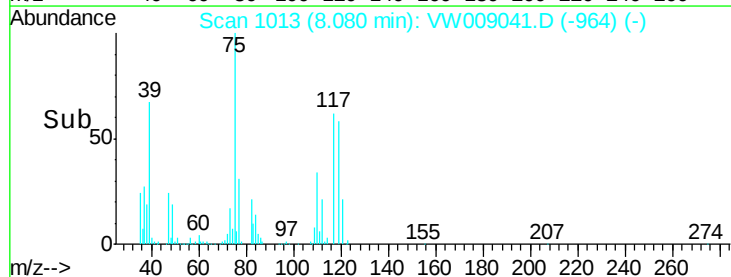
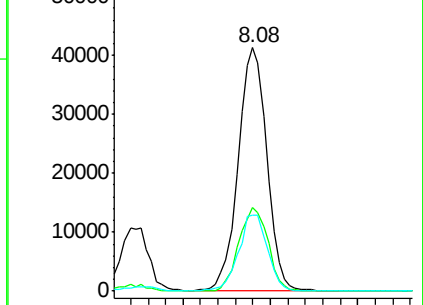
77 31.6 25.1 37.7

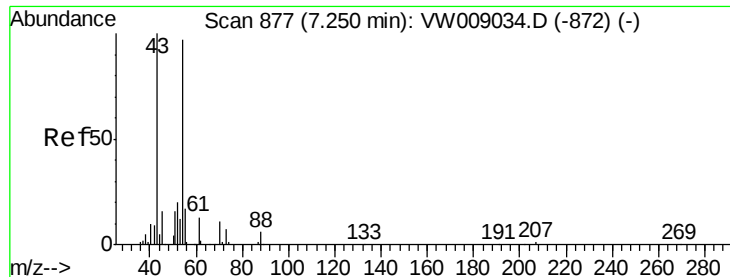


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

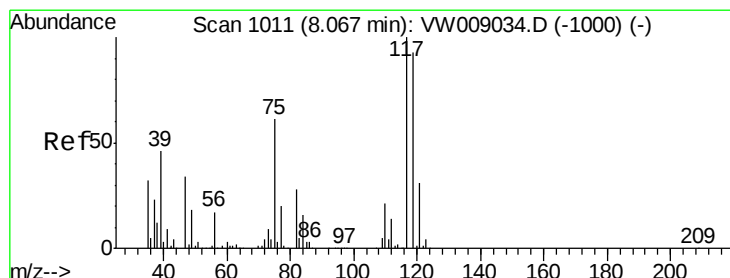
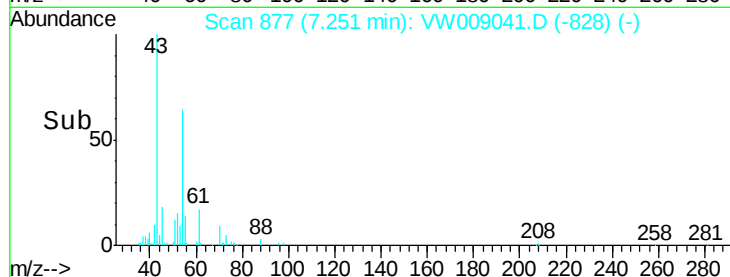
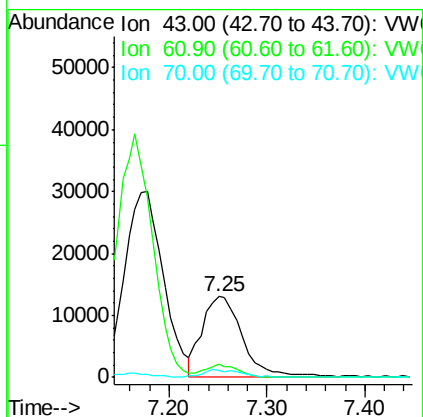
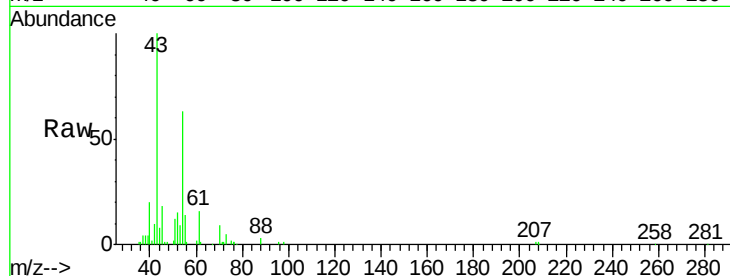




#37
Ethyl Acetate
Concen: 17.494 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

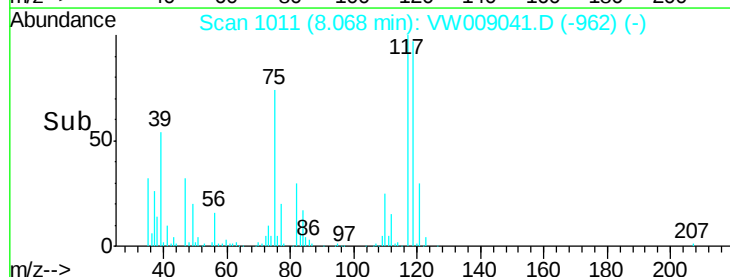
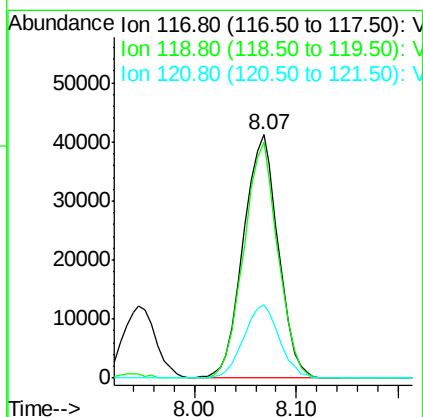
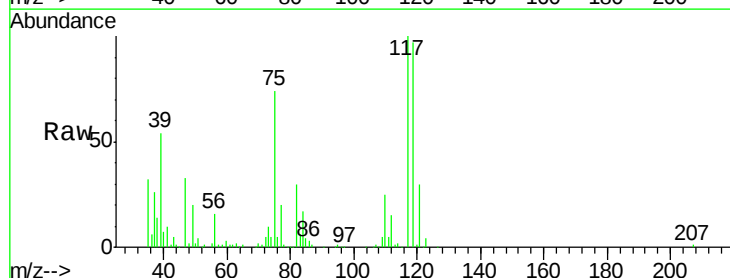
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

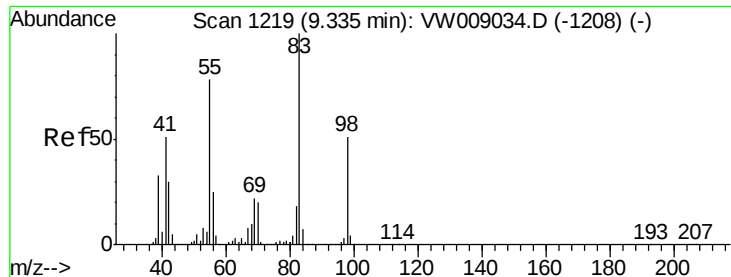
Tgt Ion: 43 Resp: 36545
Ion Ratio Lower Upper
43 100
61 13.8 9.8 14.6
70 9.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.366 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 117 Resp: 98136
Ion Ratio Lower Upper
117 100
119 96.8 74.6 112.0
121 30.1 24.7 37.1

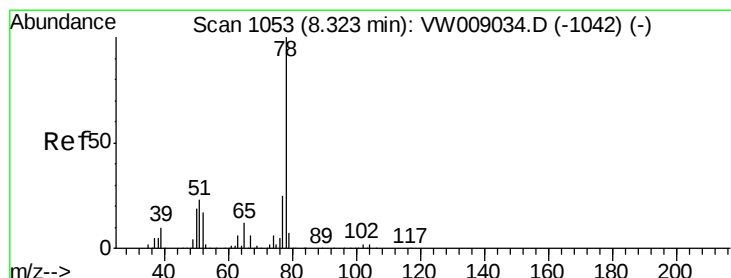
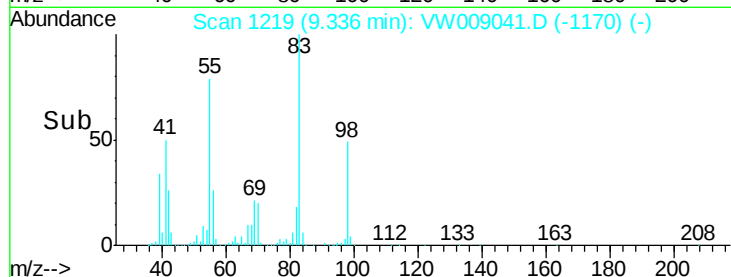
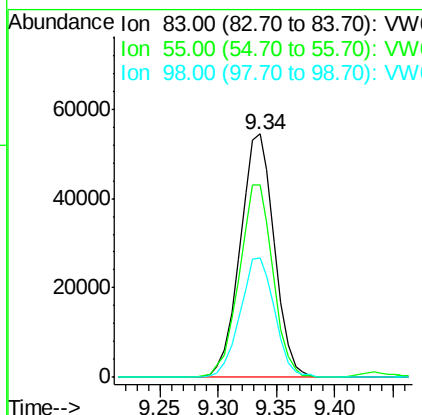
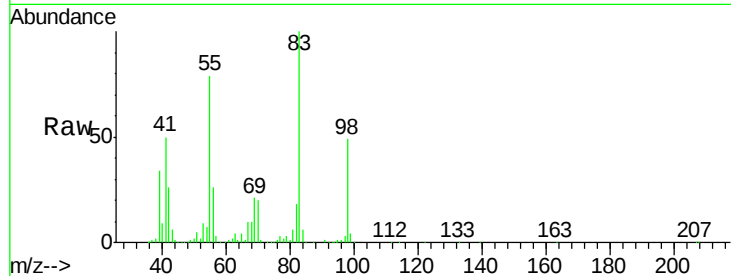




#39
Methylcyclohexane
Concen: 20.966 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

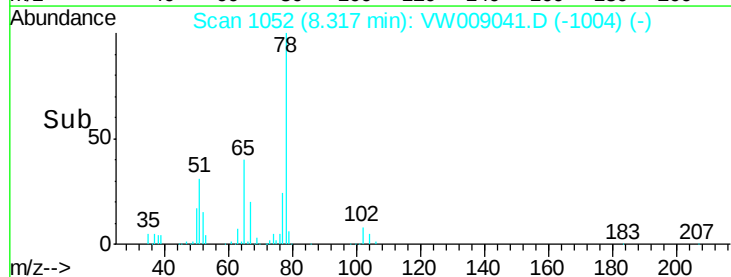
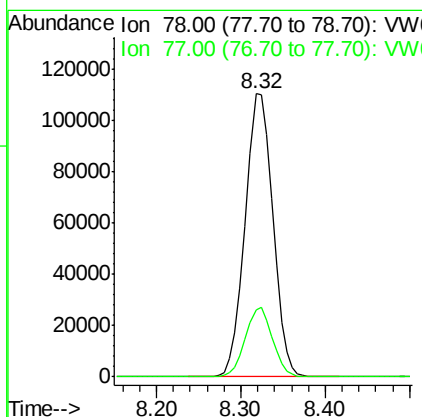
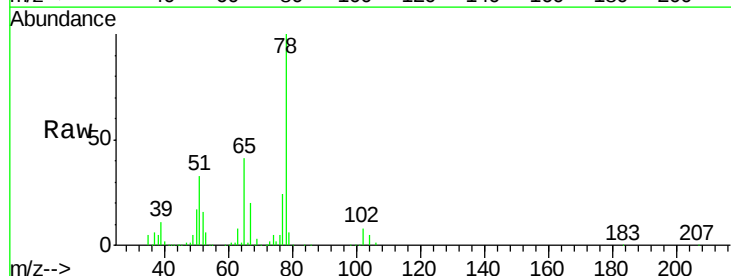
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

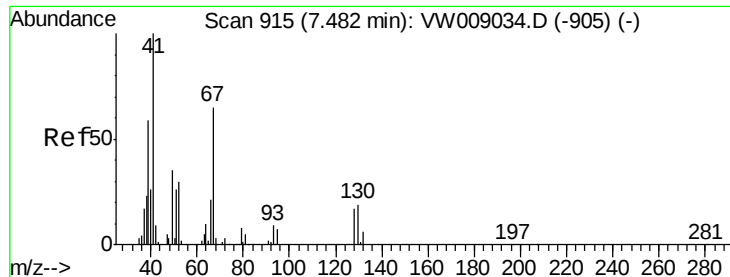
Tgt Ion: 83 Resp: 111060
Ion Ratio Lower Upper
83 100
55 78.9 62.7 94.1
98 49.3 40.8 61.2



#40
Benzene
Concen: 20.728 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 78 Resp: 246091
Ion Ratio Lower Upper
78 100
77 23.8 20.2 30.4

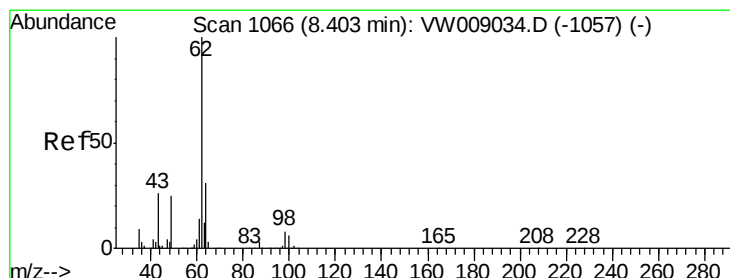
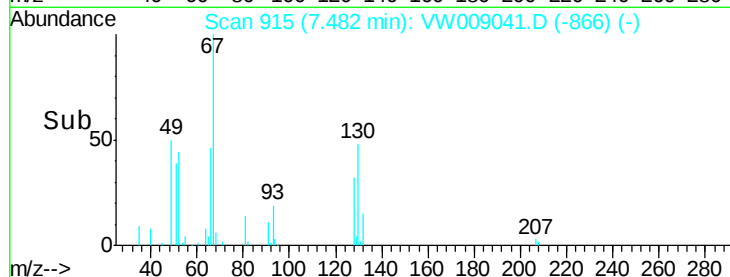
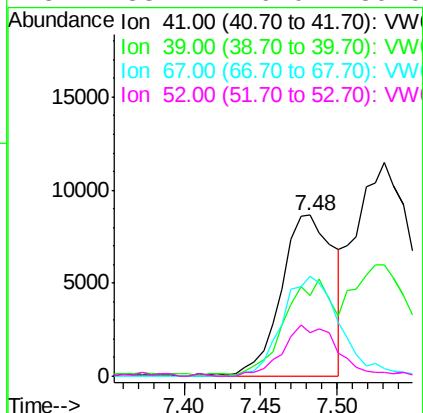
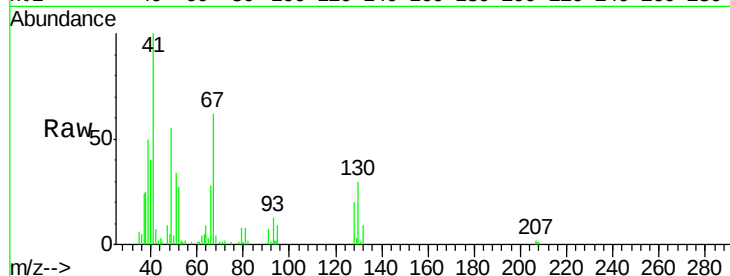




#41
Methacrylonitrile
Concen: 17.917 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

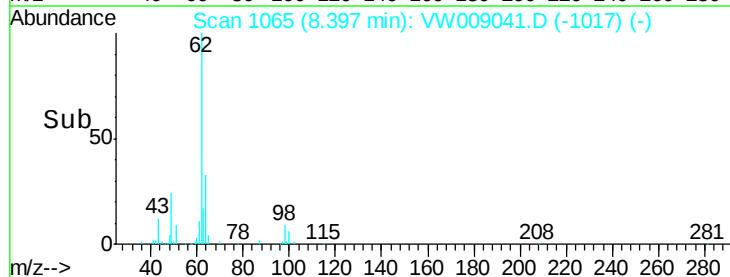
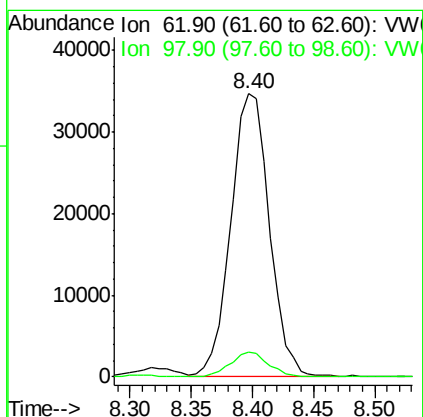
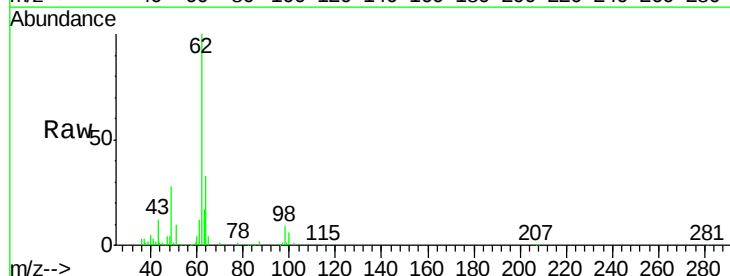
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

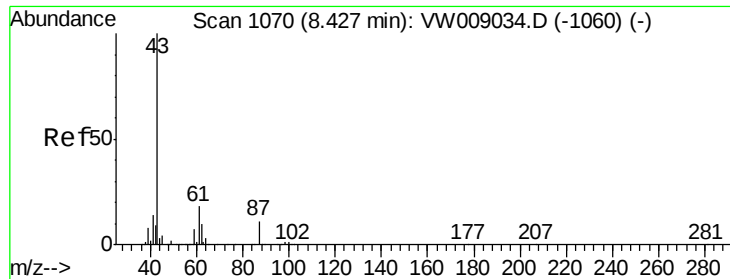
Tgt Ion:	41	Resp:	20784
Ion	Ratio	Lower	Upper
41	100		
39	53.3	53.6	80.4#
67	68.2	57.6	86.4
52	33.1	26.0	39.0



#42
1,2-Dichloroethane
Concen: 19.769 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion:	62	Resp:	75769
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 17.773 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

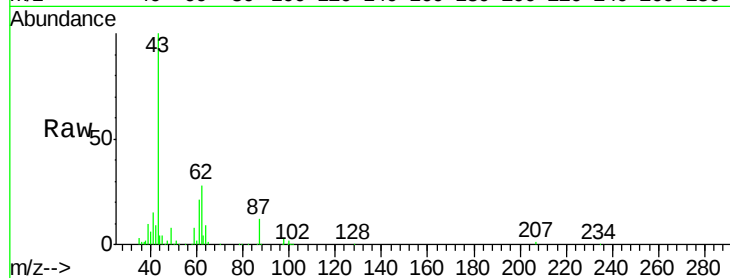
Tgt Ion: 43 Resp: 69151

Ion Ratio Lower Upper

43 100

61 29.3 22.8 34.2

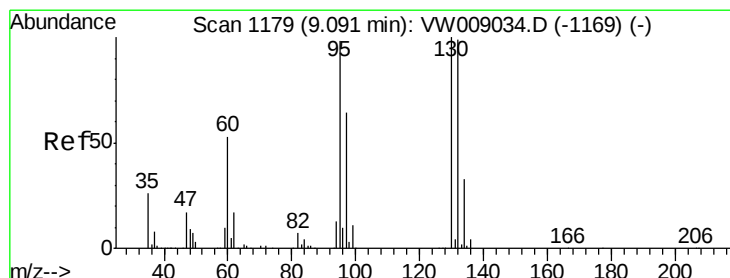
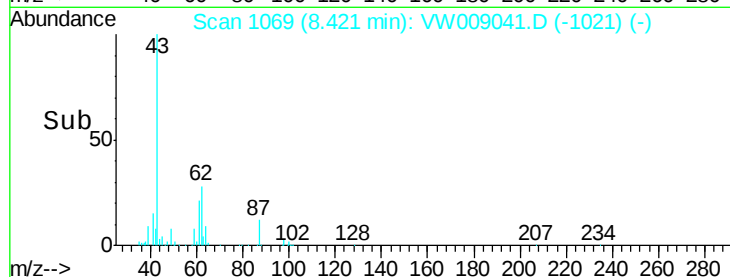
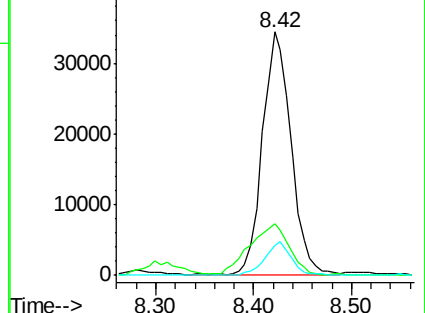
87 12.8 9.4 14.2



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: 21.023 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW009041.D

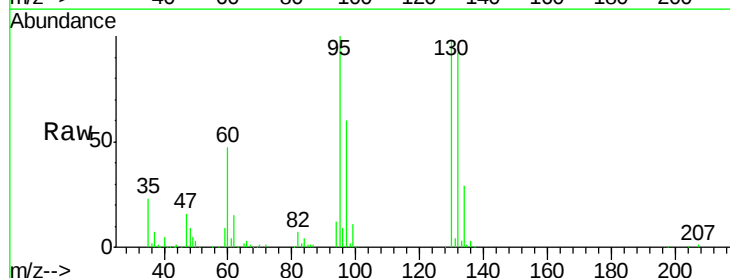
Acq: 07 Mar 2019 15:57

Tgt Ion: 130 Resp: 69955

Ion Ratio Lower Upper

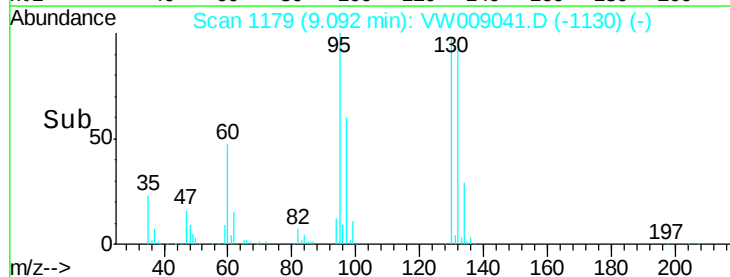
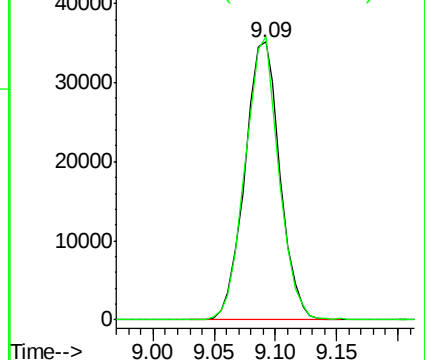
130 100

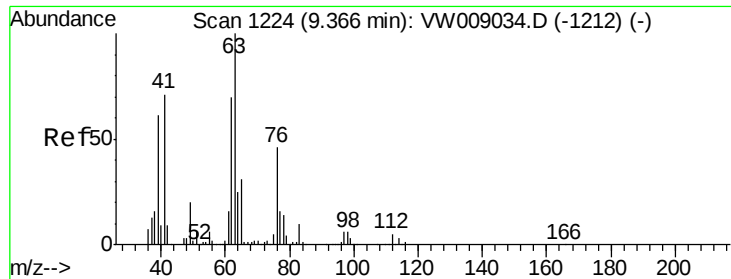
95 101.9 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

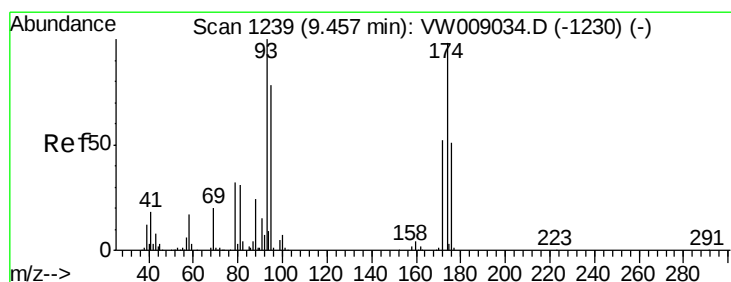
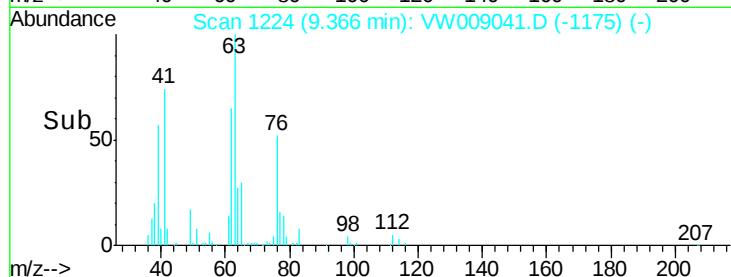
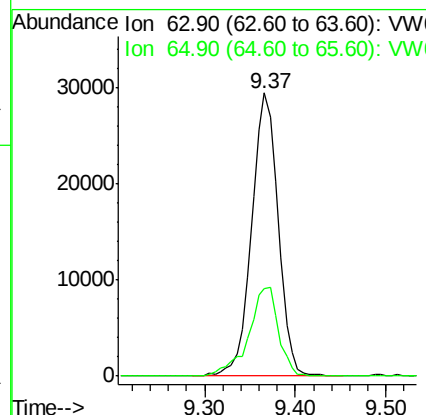
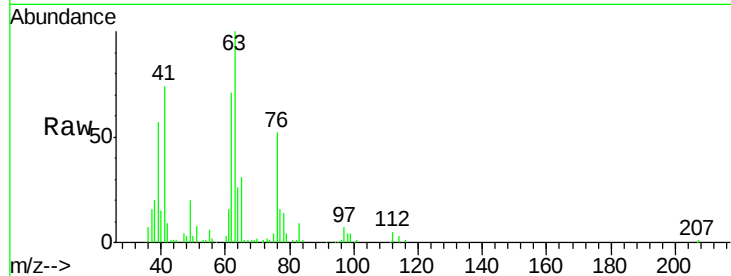




#45
 1,2-Dichloropropane
 Concen: 20.038 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

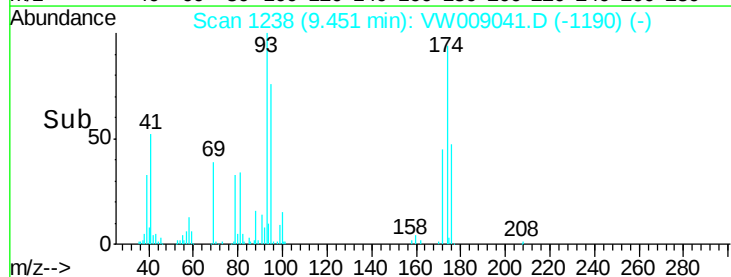
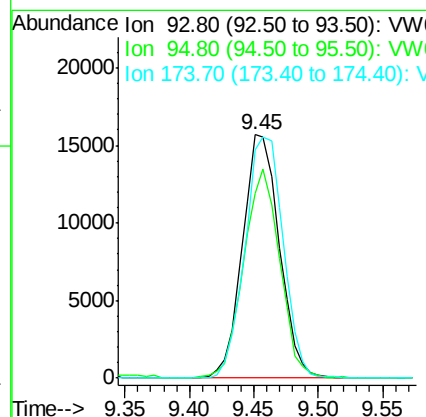
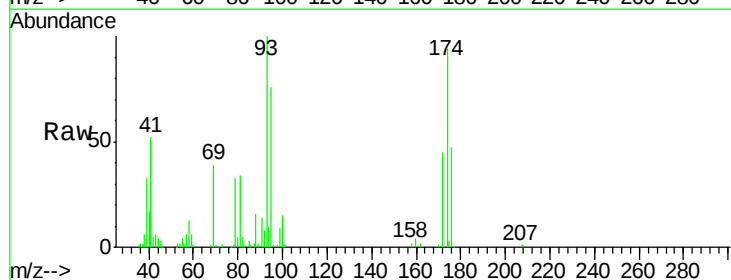
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

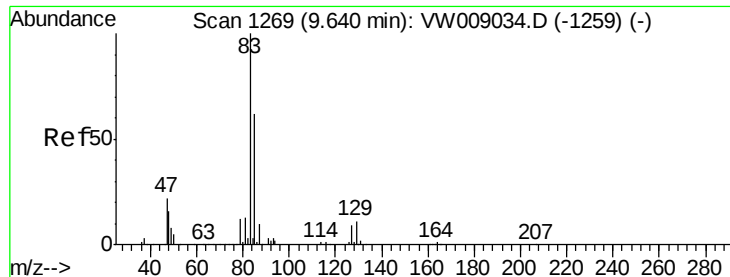
Tgt Ion: 63 Resp: 59582
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.9 37.3



#46
 Dibromomethane
 Concen: 19.102 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion: 93 Resp: 31020
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.0 97.6
 174 103.0 81.8 122.6





#47

Bromodichloromethane

Concen: 19.762 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

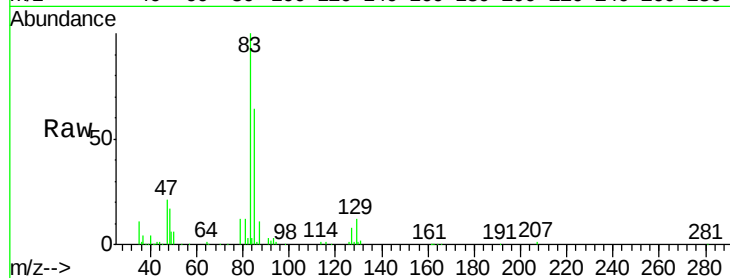
Tgt Ion: 83 Resp: 81235

Ion Ratio Lower Upper

83 100

85 64.3 49.9 74.9

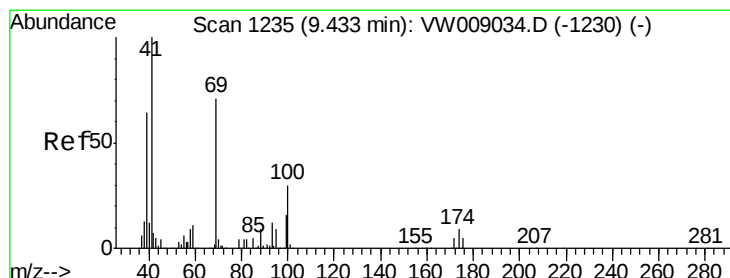
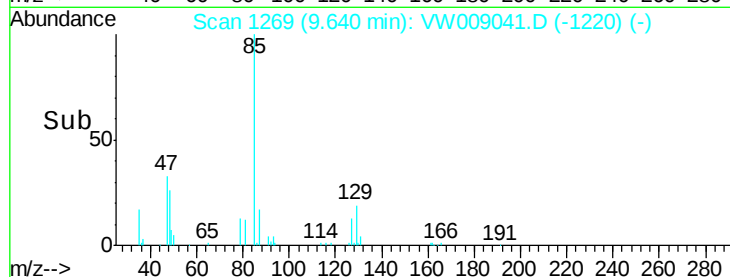
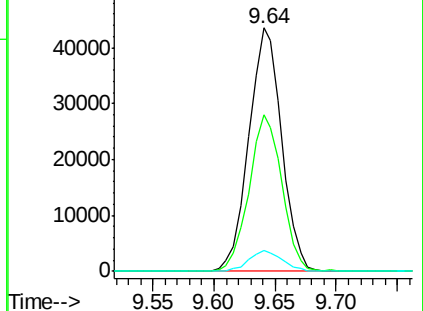
127 8.4 7.1 10.7



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): V



#48

Methyl methacrylate

Concen: 18.665 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

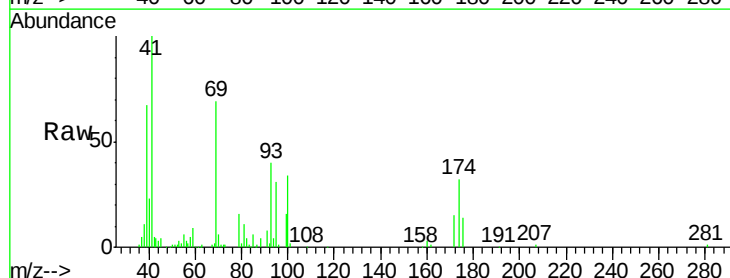
Tgt Ion: 41 Resp: 33814

Ion Ratio Lower Upper

41 100

69 77.1 59.1 88.7

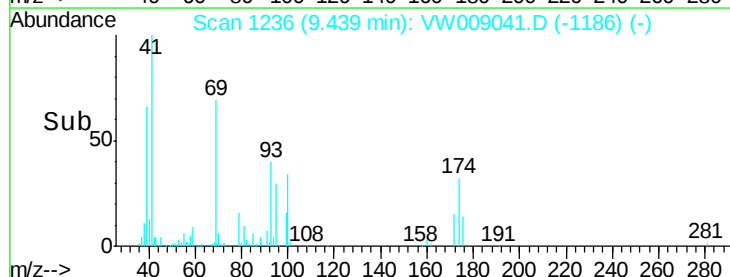
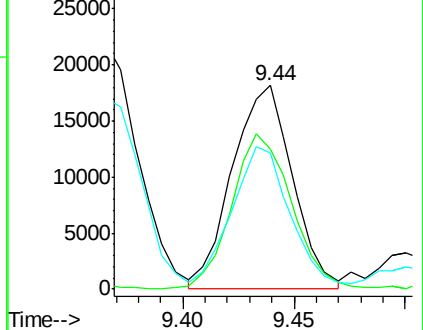
39 64.2 48.9 73.3

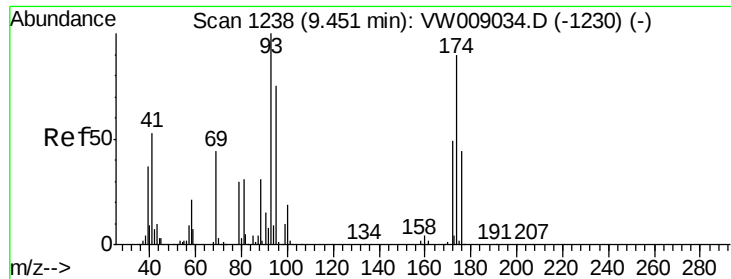


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 354.732 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

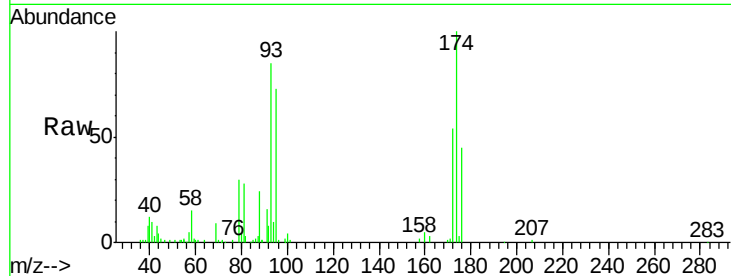
Tgt Ion: 88 Resp: 8249

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

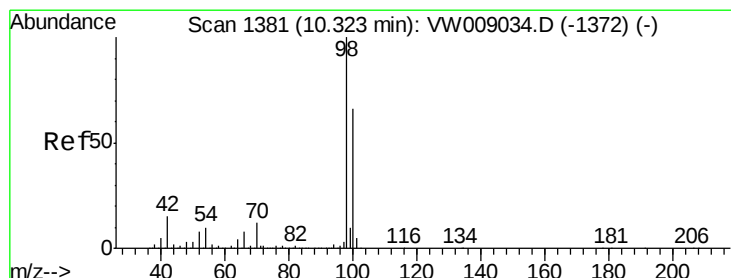
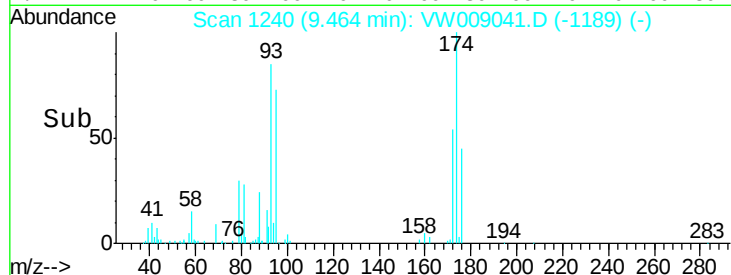
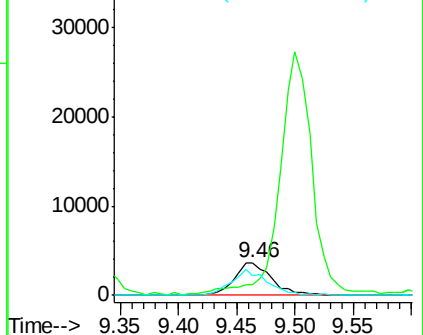
58 76.2 59.2 88.8



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: 54.244 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009041.D

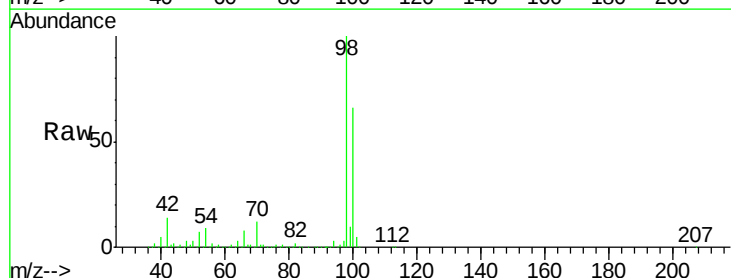
Acq: 07 Mar 2019 15:57

Tgt Ion: 98 Resp: 570544

Ion Ratio Lower Upper

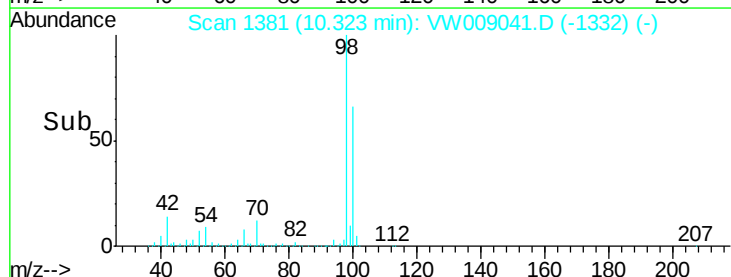
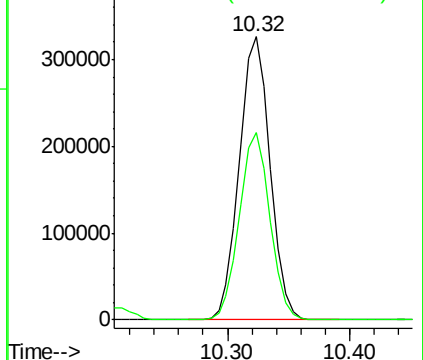
98 100

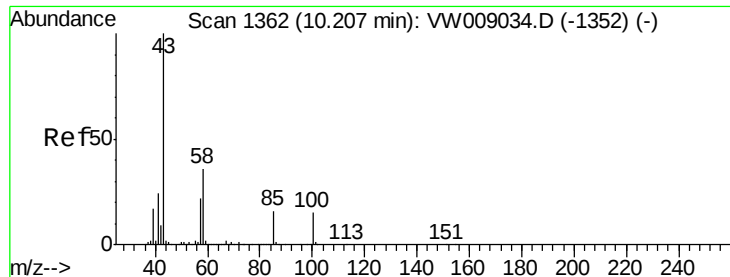
100 65.7 51.9 77.9



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: 86.877 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

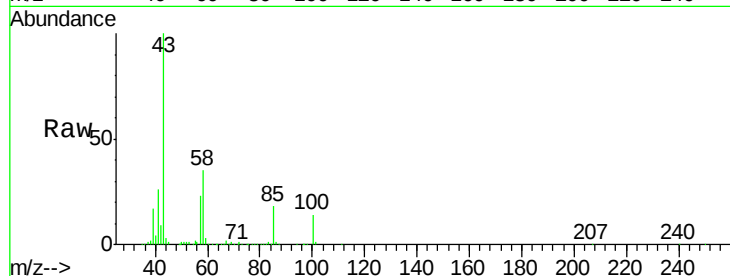
VW0307SBS01

Tgt Ion: 43 Resp: 171598

Ion Ratio Lower Upper

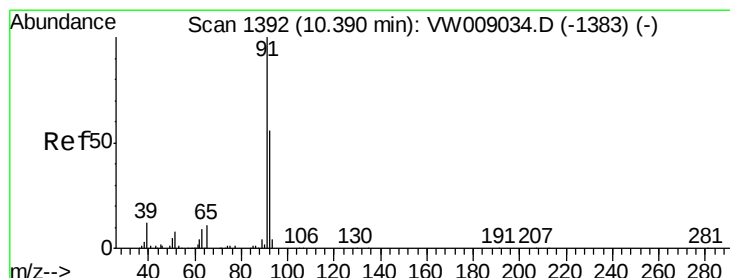
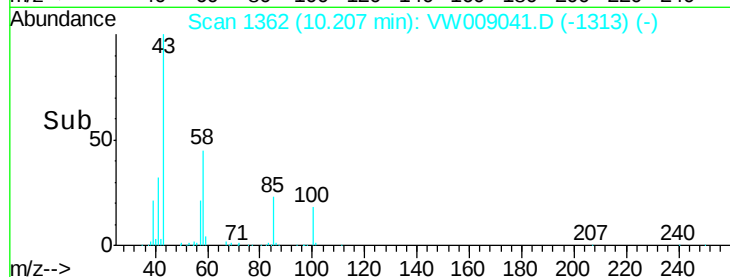
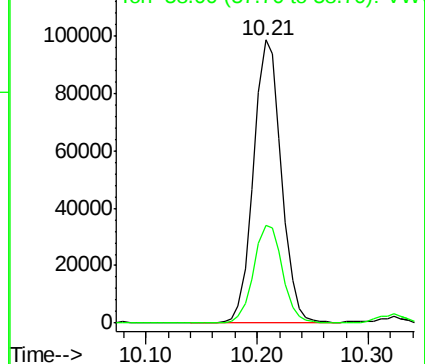
43 100

58 36.1 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 20.702 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW009041.D

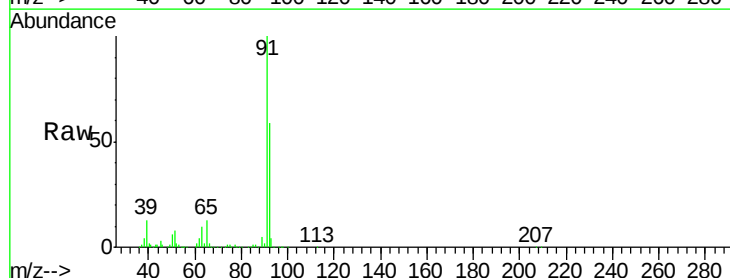
Acq: 07 Mar 2019 15:57

Tgt Ion: 92 Resp: 166682

Ion Ratio Lower Upper

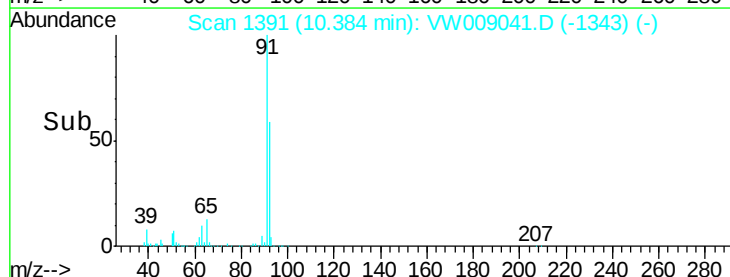
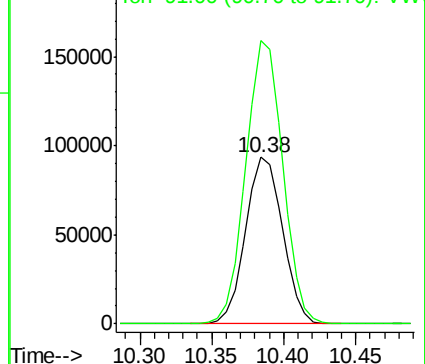
92 100

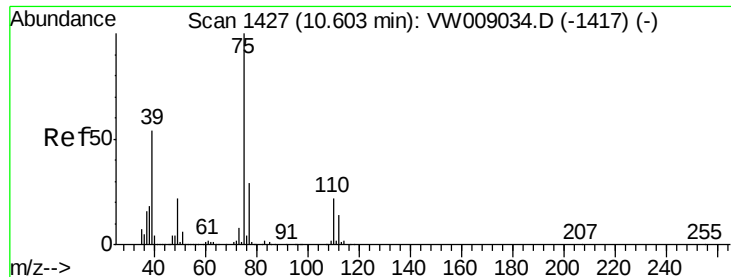
91 169.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.365 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

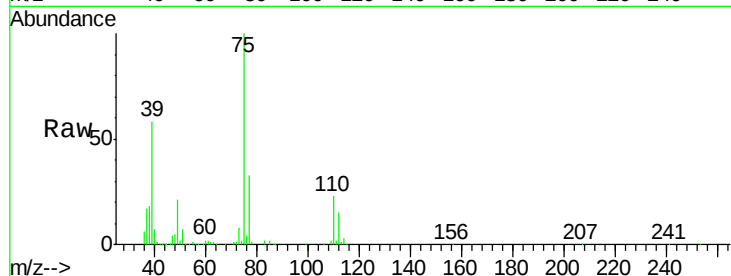
VW0307SBS01

Tgt Ion: 75 Resp: 78731

Ion Ratio Lower Upper

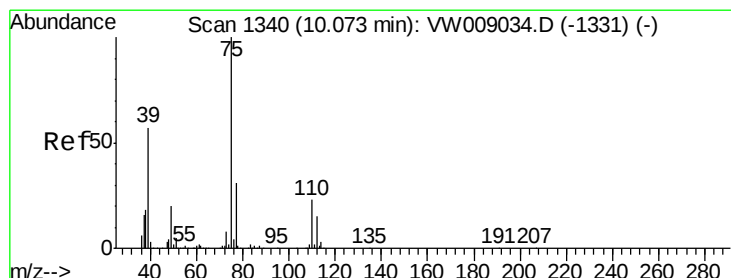
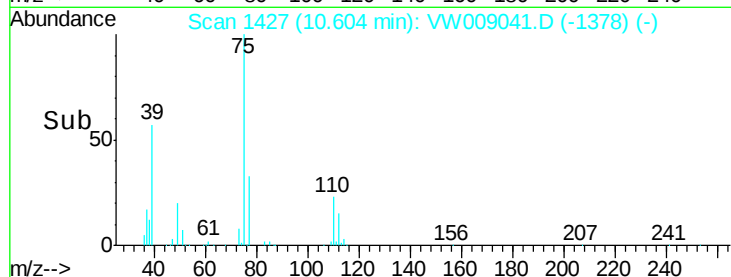
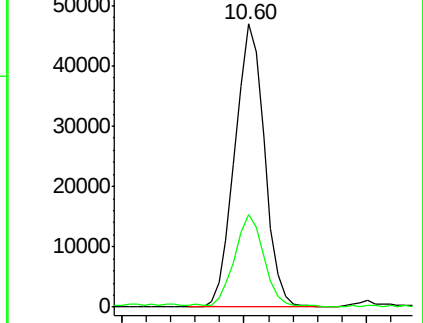
75 100

77 32.6 23.6 35.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.194 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

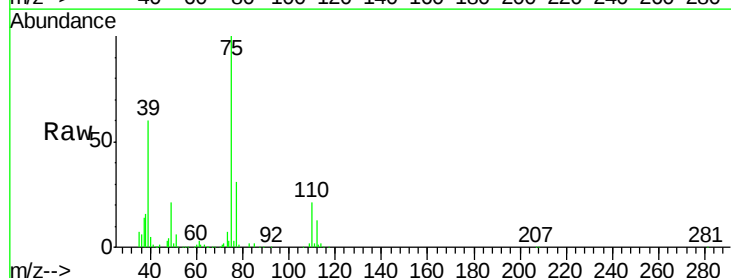
Tgt Ion: 75 Resp: 94350

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

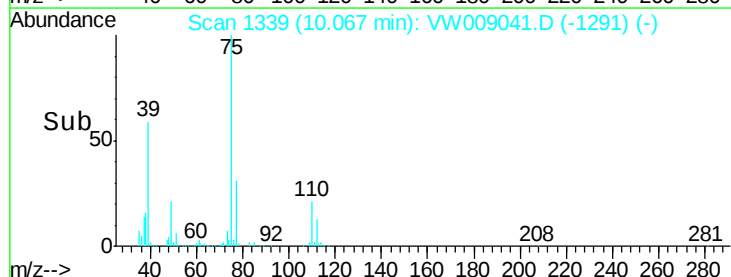
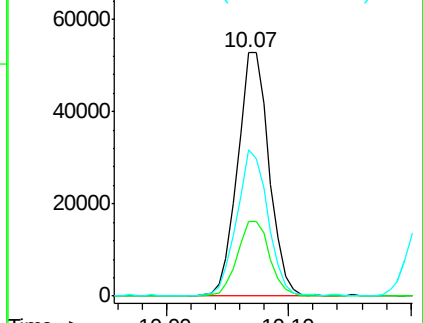
39 59.6 45.9 68.9

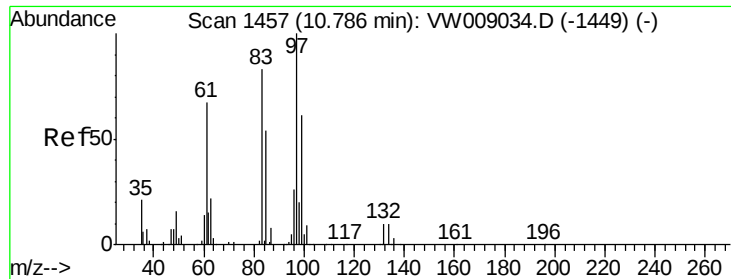


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

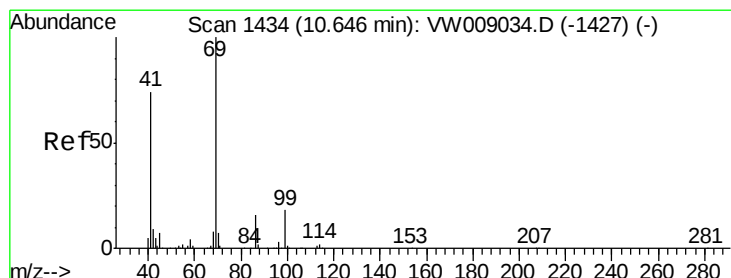
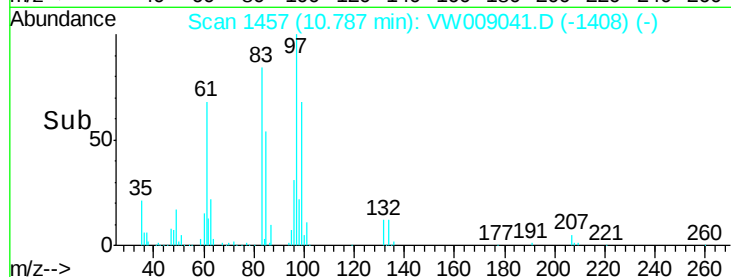
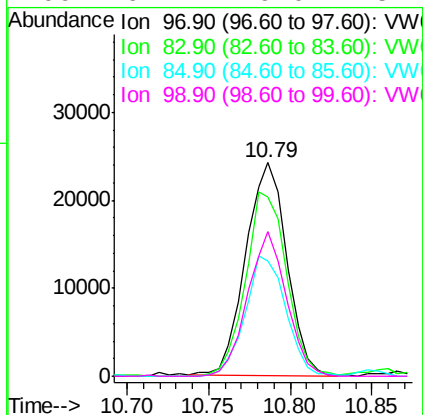
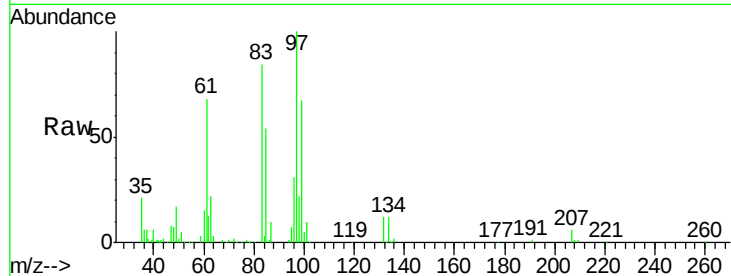




#55
 1,1,2-Trichloroethane
 Concen: 19.314 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

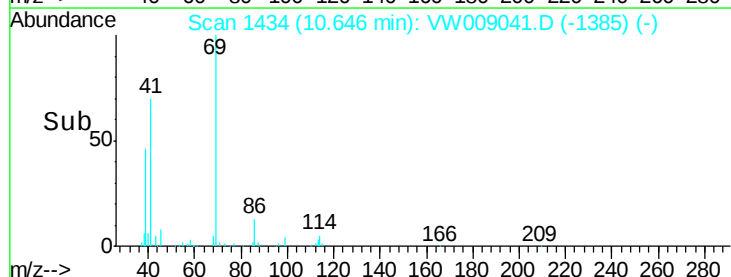
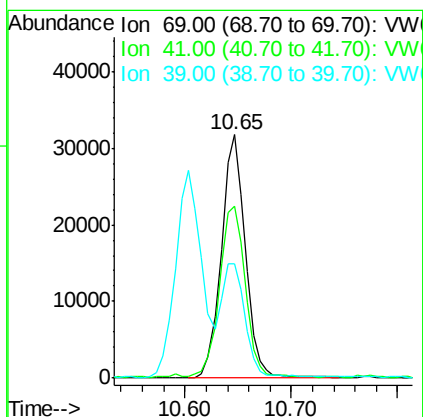
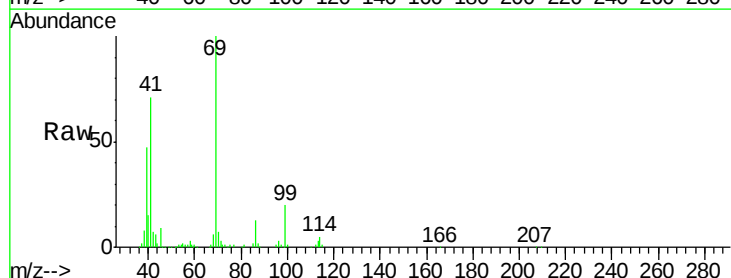
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

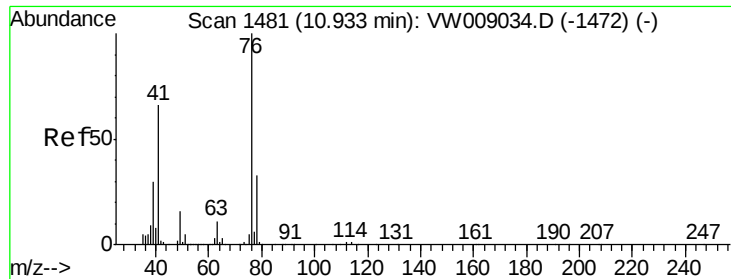
Tgt Ion:	97	Resp:	42511
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.2	99.2
85	53.9	43.6	65.4
99	67.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 18.359 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion:	69	Resp:	50152
Ion	Ratio	Lower	Upper
69	100		
41	75.1	59.4	89.2
39	43.9	38.5	57.7

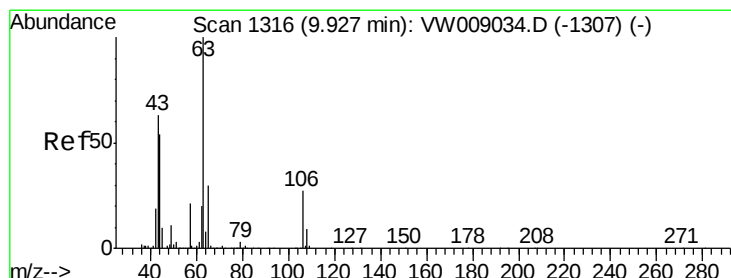
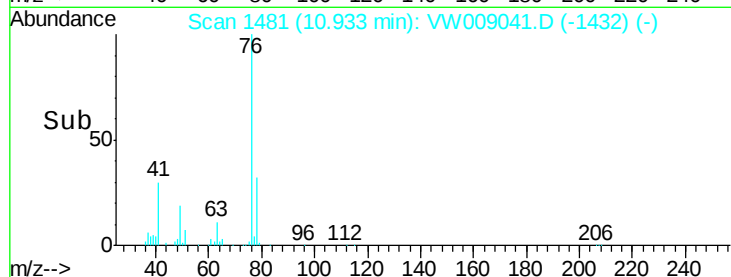
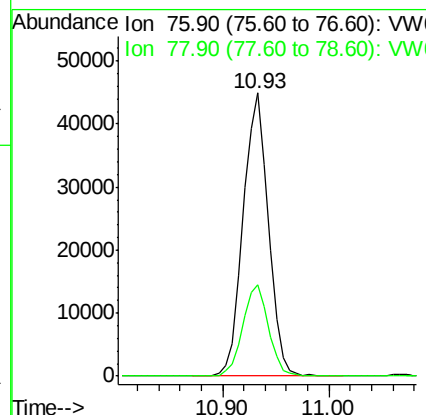
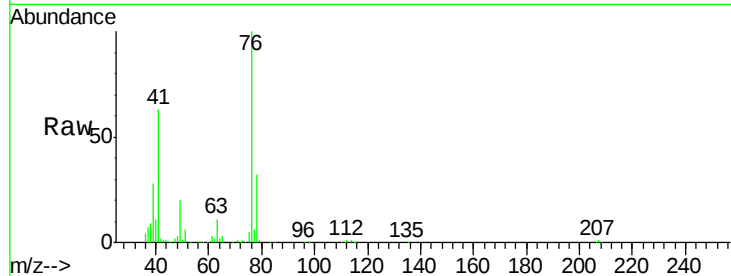




#57
 1,3-Dichloropropane
 Concen: 19.251 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

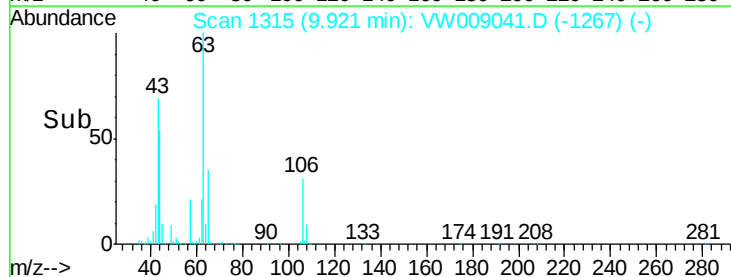
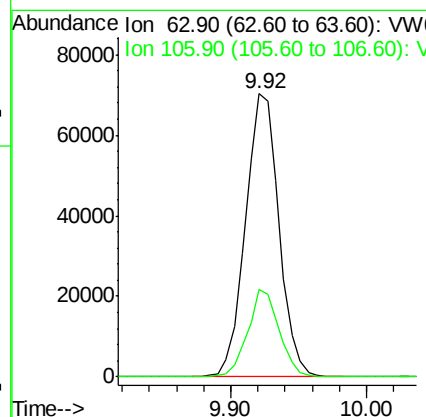
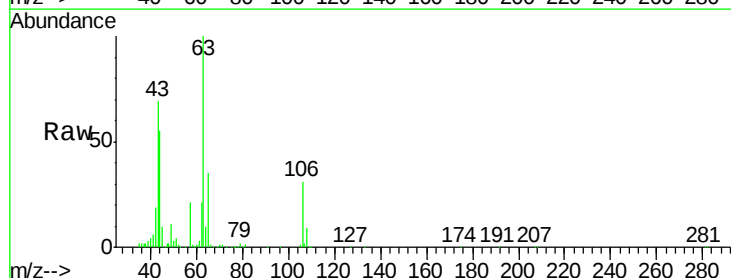
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

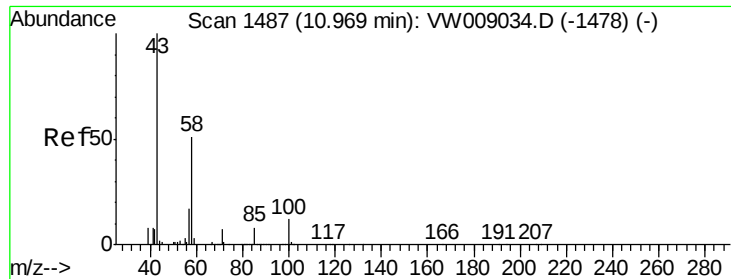
Tgt Ion: 76 Resp: 75062
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.323 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion: 63 Resp: 120828
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.0 34.6

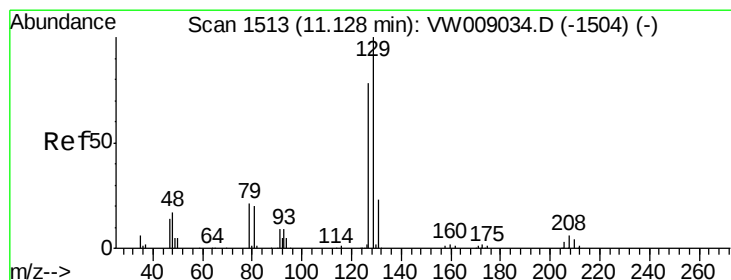
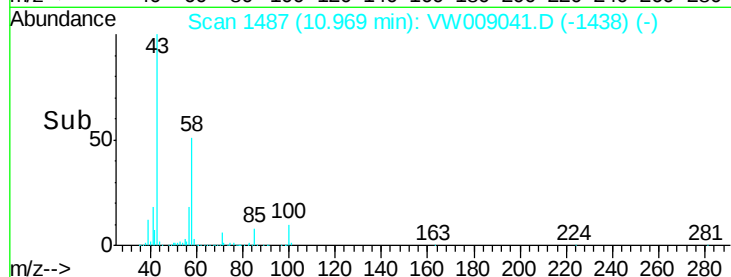
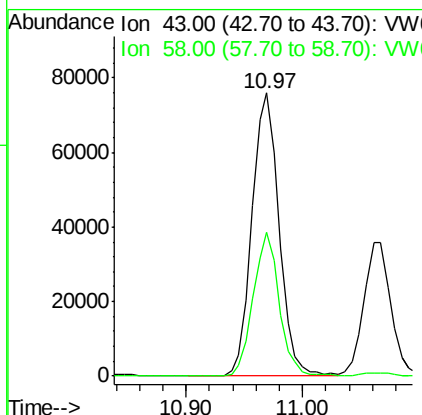
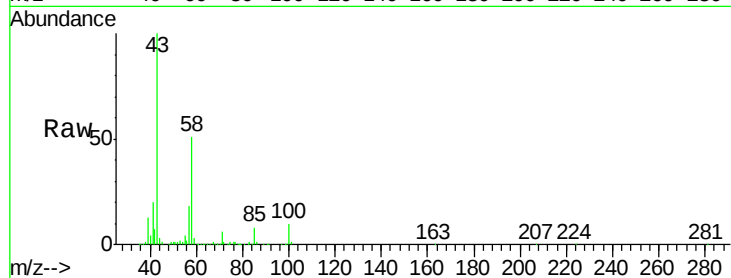




#59
2-Hexanone
Concen: 88.855 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

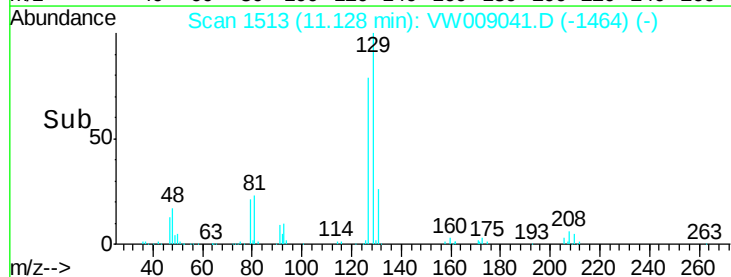
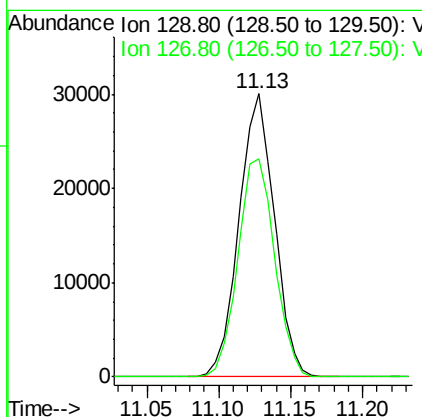
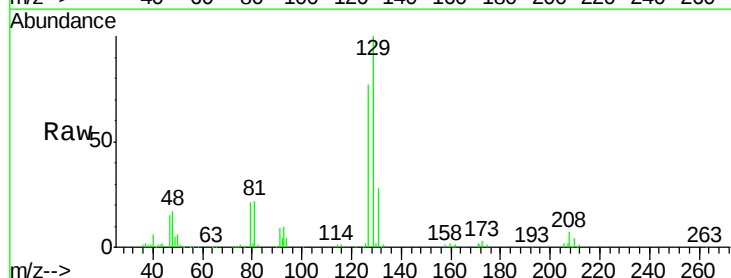
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

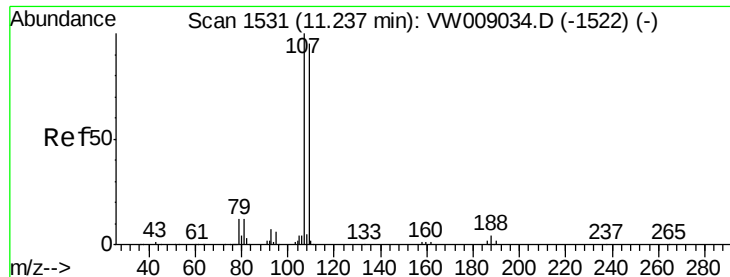
Tgt Ion: 43 Resp: 123395
Ion Ratio Lower Upper
43 100
58 49.1 25.3 75.9



#60
Dibromochloromethane
Concen: 18.848 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 129 Resp: 51340
Ion Ratio Lower Upper
129 100
127 80.0 38.4 115.1

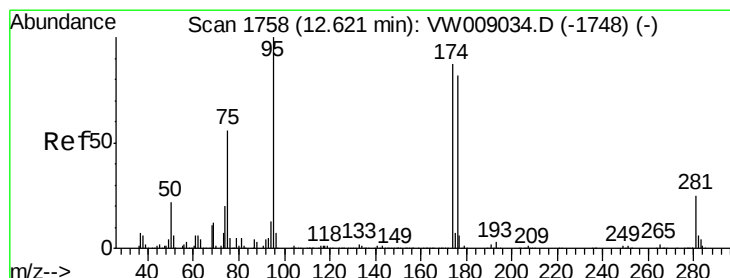
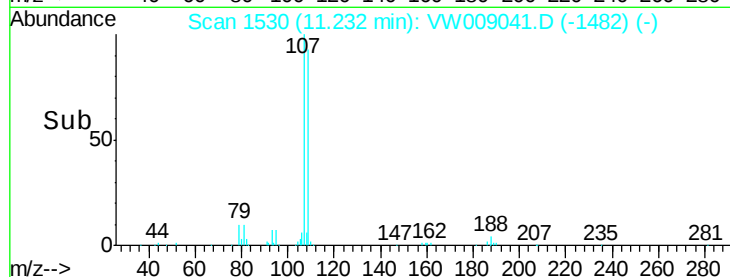
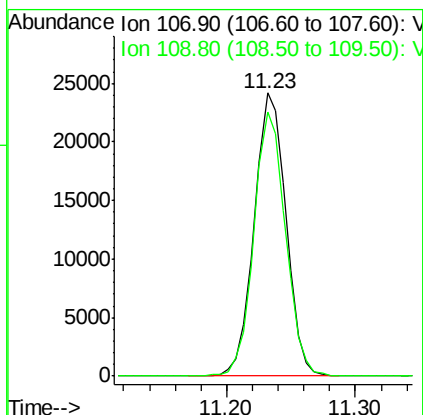
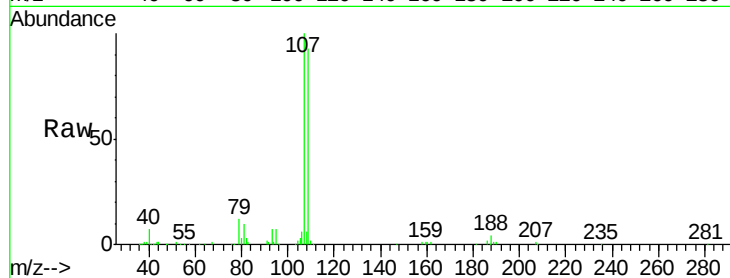




#61
 1,2-Dibromoethane
 Concen: 19.053 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

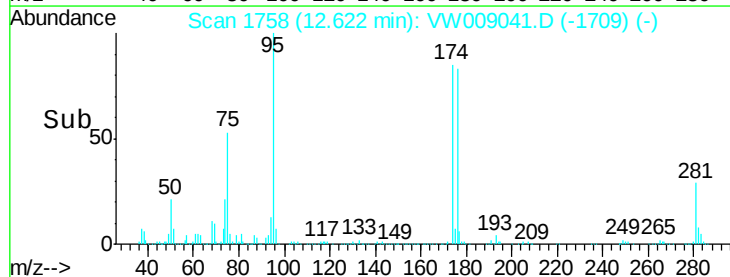
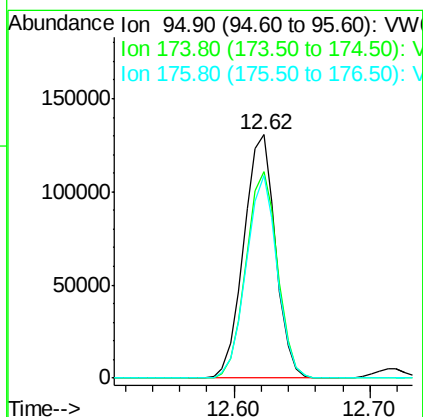
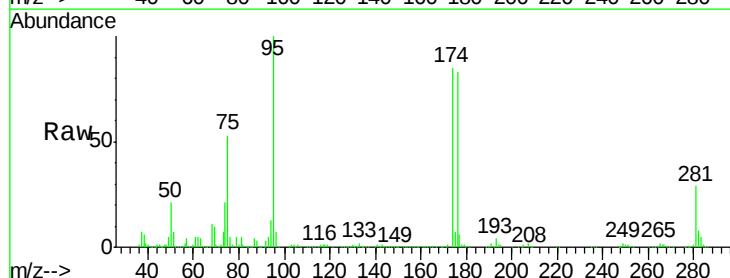
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

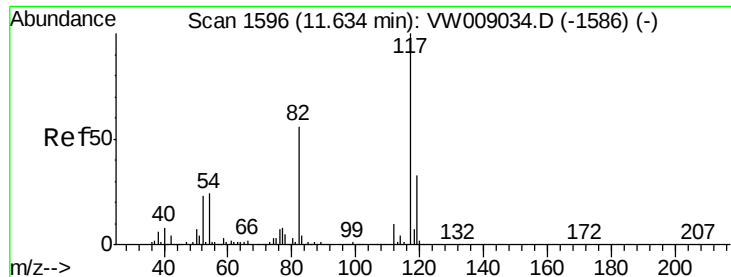
Tgt Ion: 107 Resp: 41111
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 51.388 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion: 95 Resp: 212776
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 167.0
 176 81.4 0.0 159.4

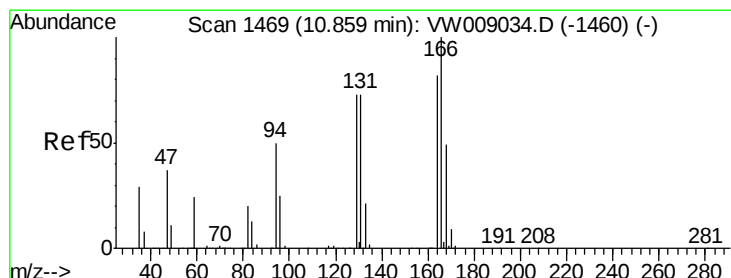
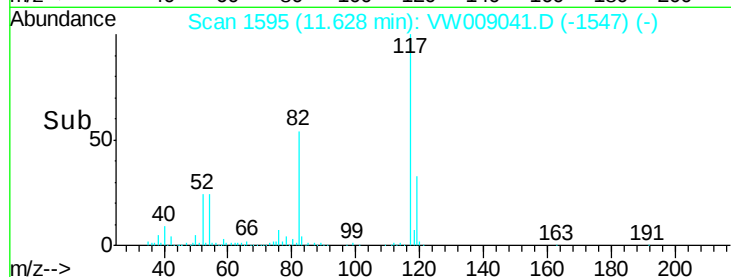
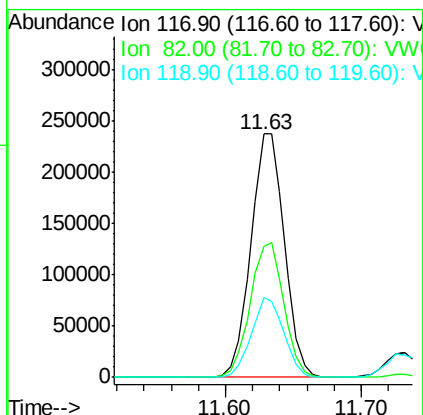
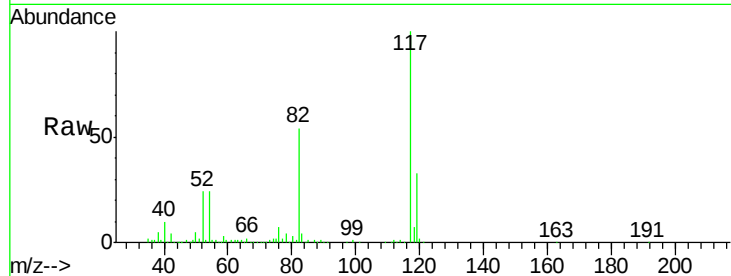




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

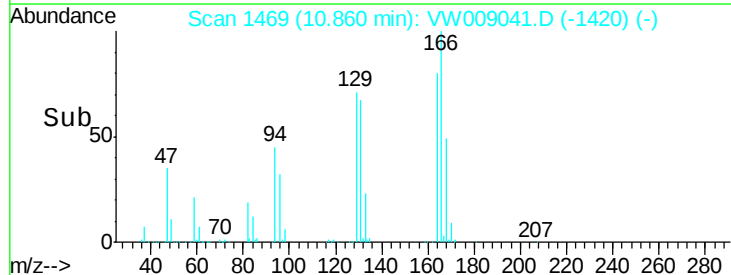
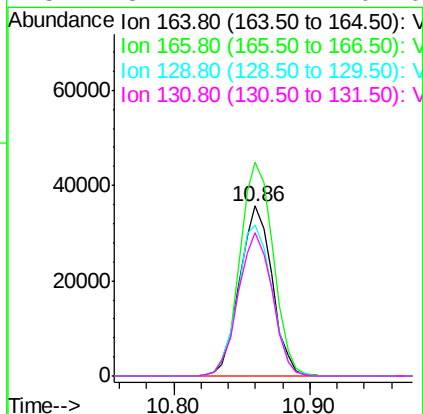
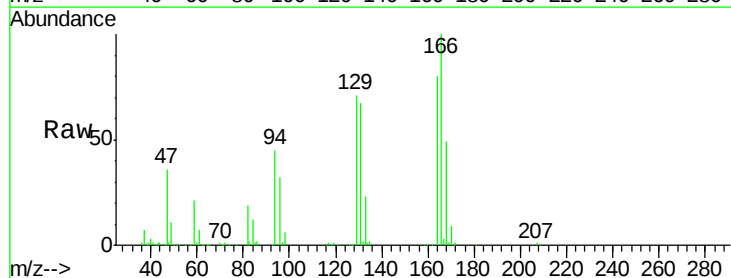
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

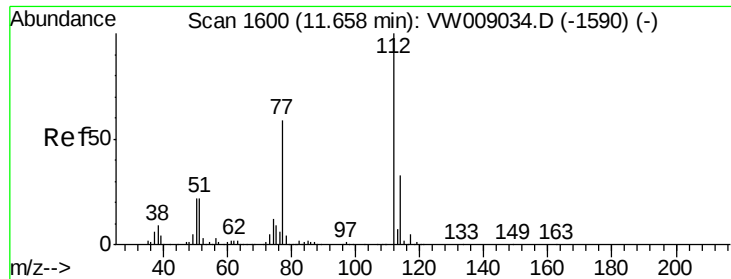
Tgt Ion:117 Resp: 410731
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.6
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 20.265 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion:164 Resp: 60025
Ion Ratio Lower Upper
164 100
166 125.8 97.8 146.6
129 89.2 71.6 107.4
131 84.7 71.4 107.0

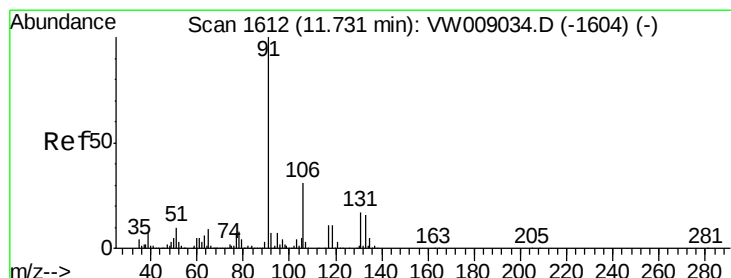
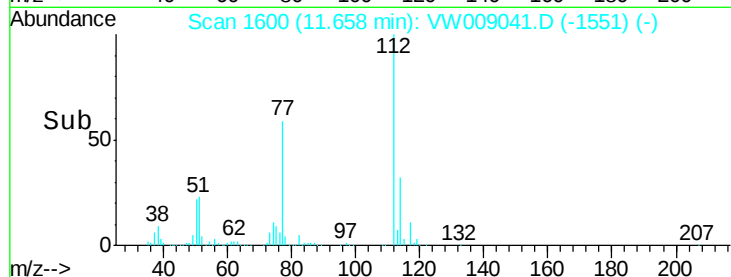
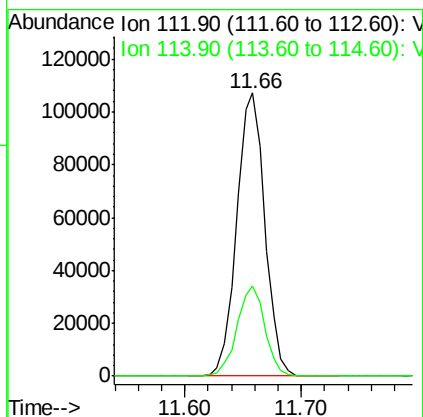
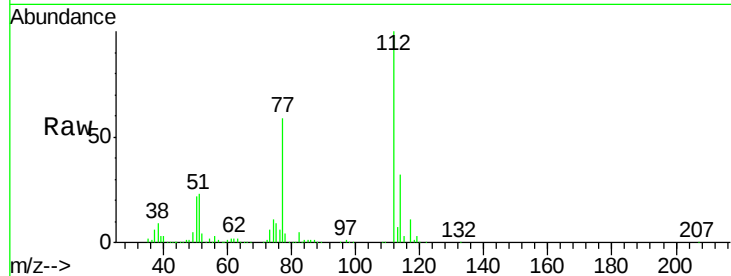




#65
Chlorobenzene
Concen: 20.151 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

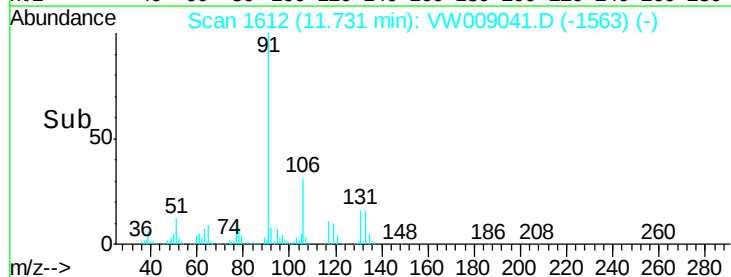
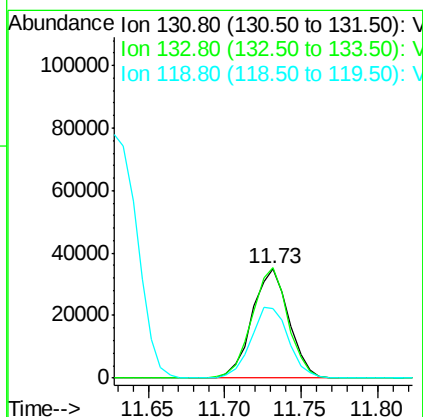
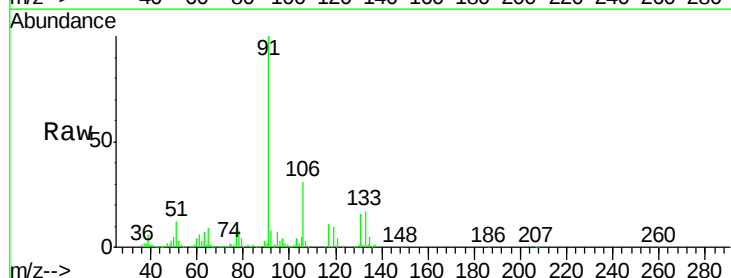
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

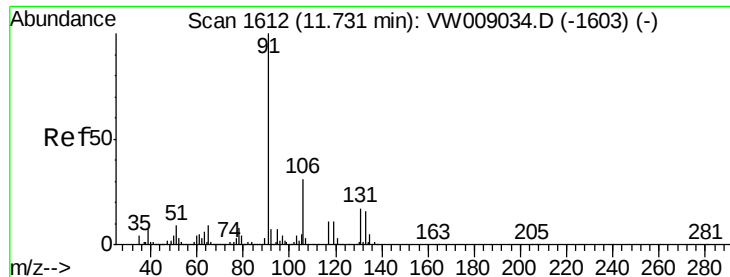
Tgt Ion:112 Resp: 180148
Ion Ratio Lower Upper
112 100
114 32.0 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.561 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion:131 Resp: 58392
Ion Ratio Lower Upper
131 100
133 99.2 47.6 142.8
119 66.2 31.3 93.8

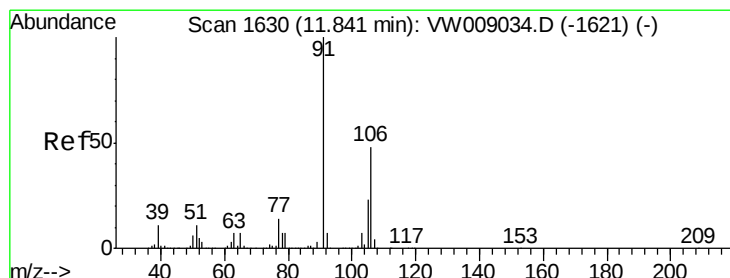
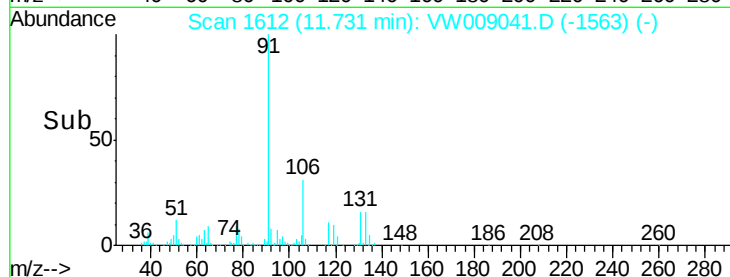
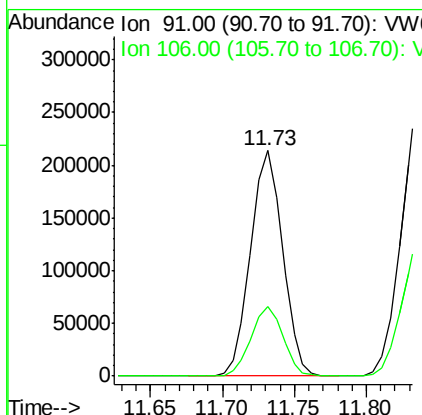
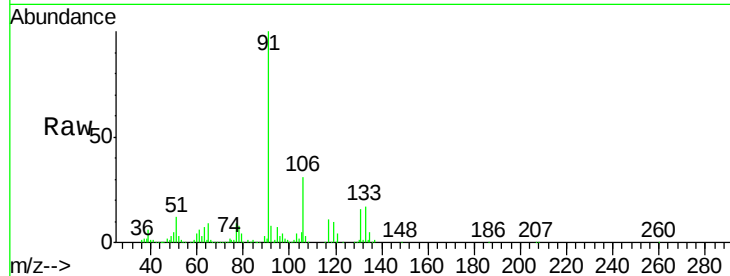




#67
Ethyl Benzene
Concen: 20.455 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

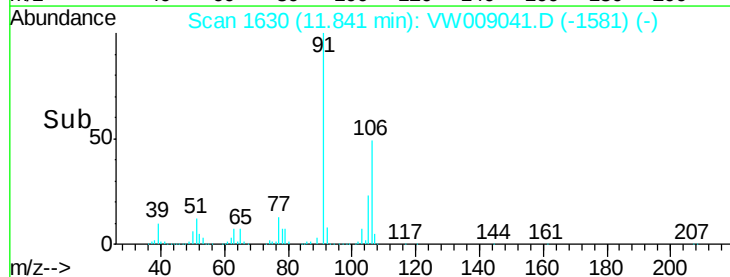
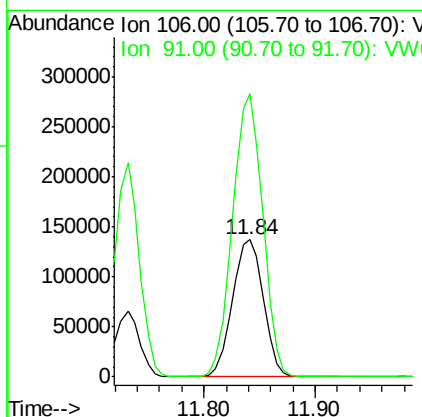
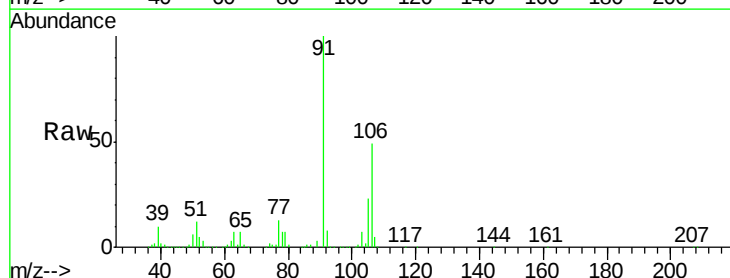
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

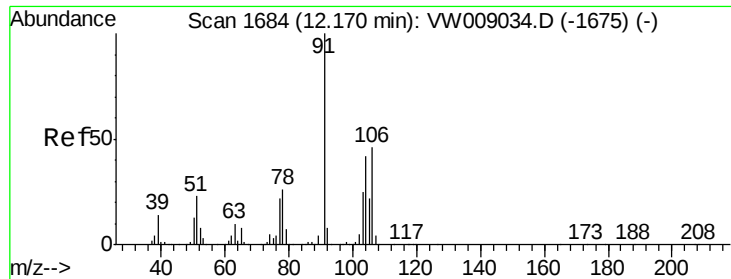
Tgt Ion: 91 Resp: 330368
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 41.223 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 106 Resp: 262793
Ion Ratio Lower Upper
106 100
91 202.2 163.2 244.8

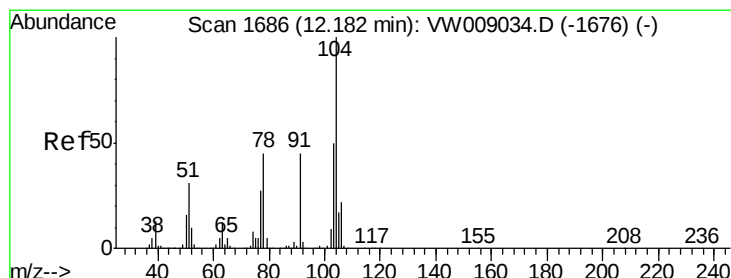
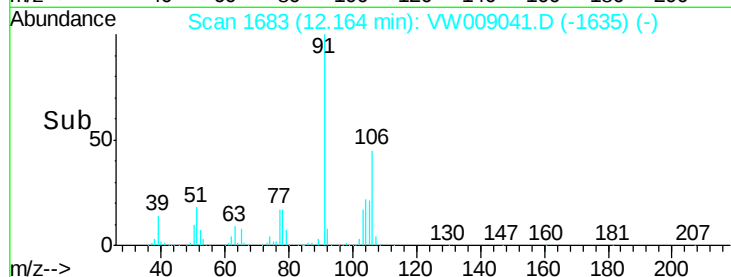
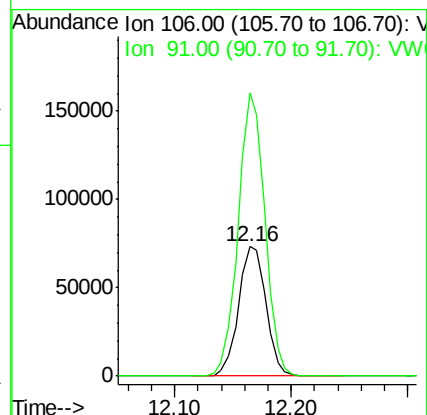
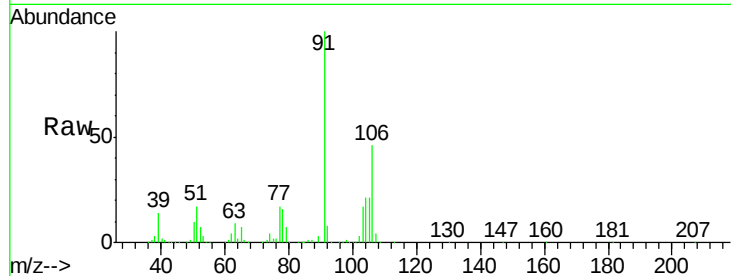




#69
o-Xylene
Concen: 20.378 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

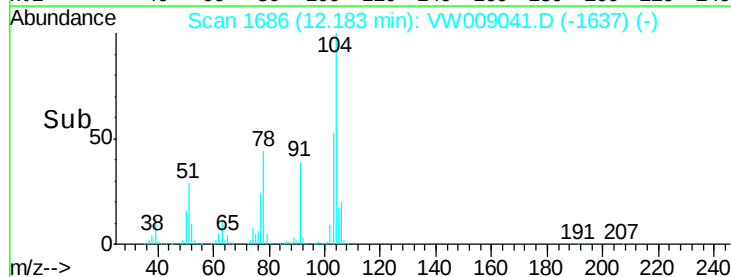
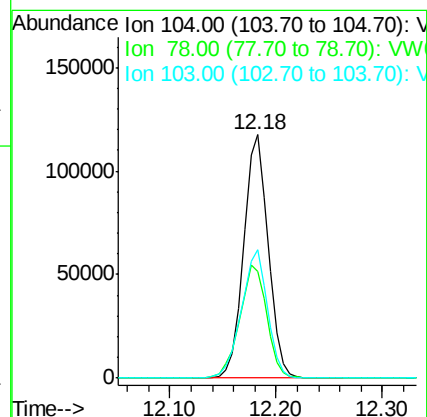
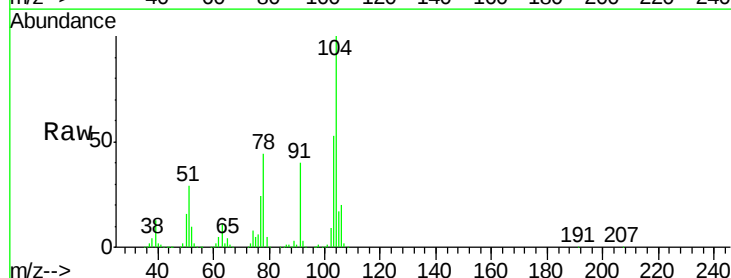
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

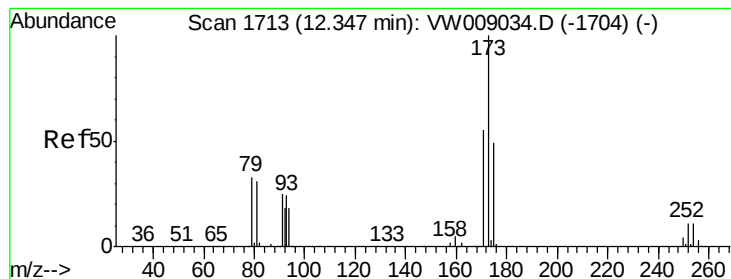
Tgt Ion:106 Resp: 120870
Ion Ratio Lower Upper
106 100
91 212.1 108.6 325.6



#70
Styrene
Concen: 19.846 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion:104 Resp: 190464
Ion Ratio Lower Upper
104 100
78 51.1 42.1 63.1
103 56.0 43.9 65.9





#71

Bromoform

Concen: 18.237 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

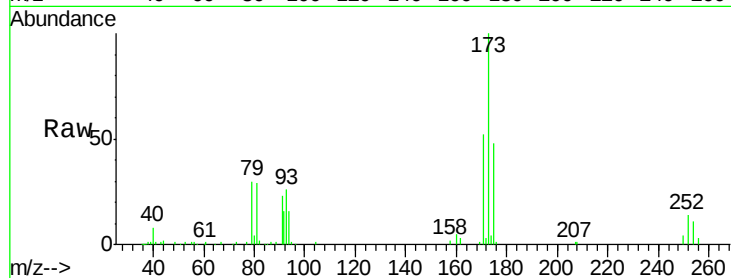
Tgt Ion:173 Resp: 29230

Ion Ratio Lower Upper

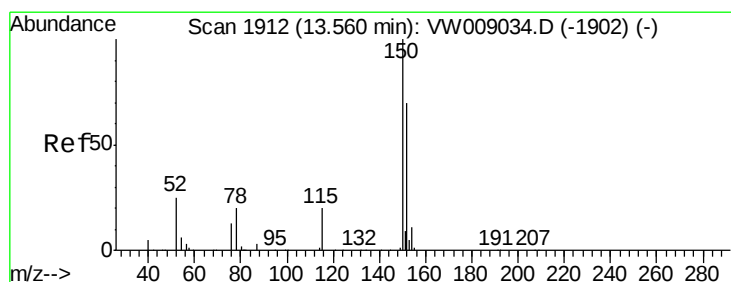
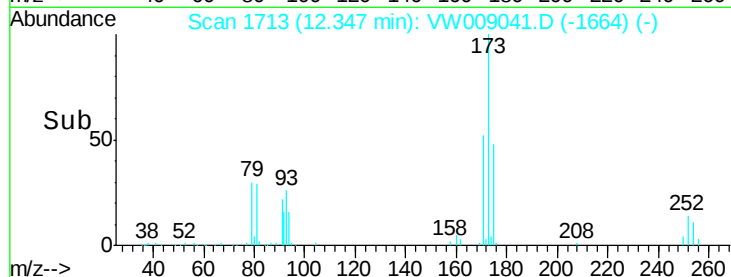
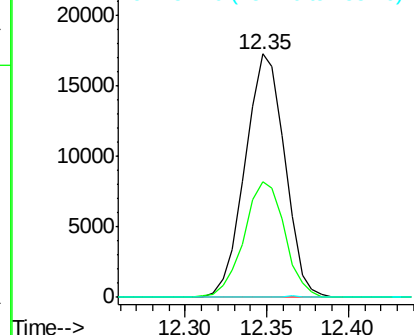
173 100

175 48.9 24.6 74.0

254 0.3 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

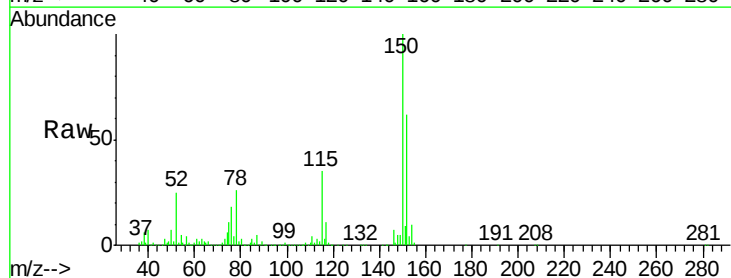
Tgt Ion:152 Resp: 217130

Ion Ratio Lower Upper

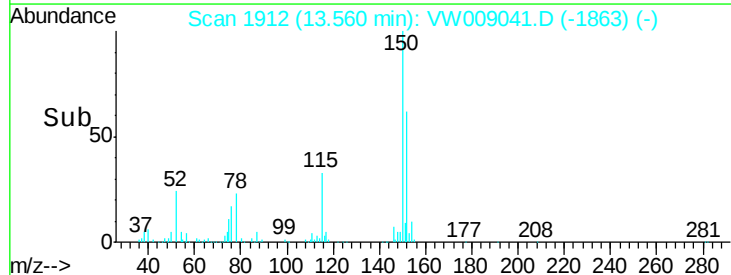
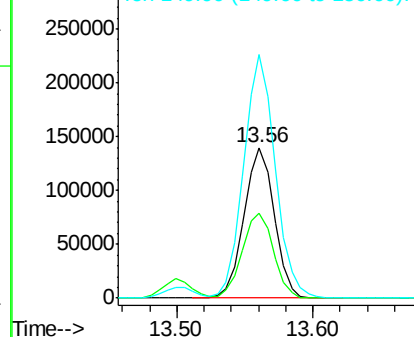
152 100

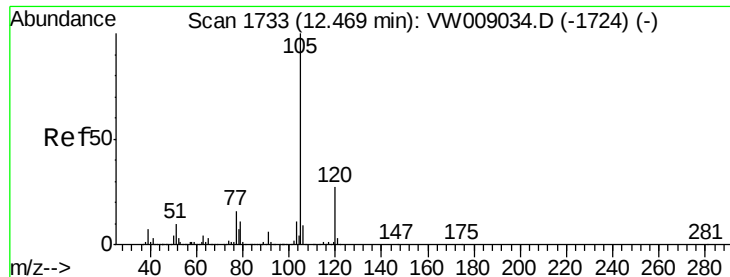
115 58.4 28.9 86.7

150 168.3 0.0 349.2



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: 21.334 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

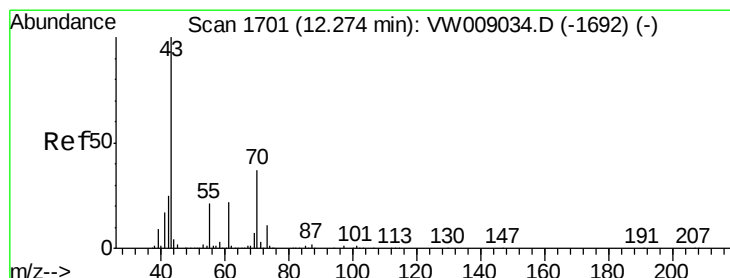
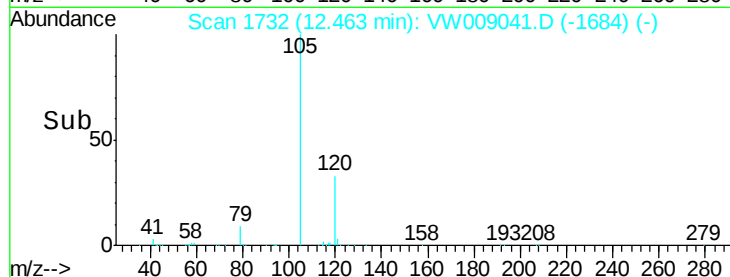
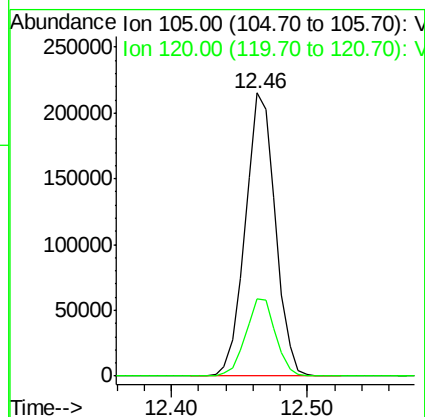
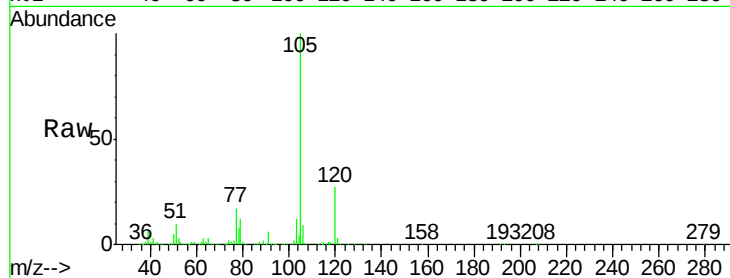
VW0307SBS01

Tgt Ion: 105 Resp: 331726

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.6



#74

N-ethyl acetate

Concen: 18.493 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Tgt Ion: 43 Resp: 68073

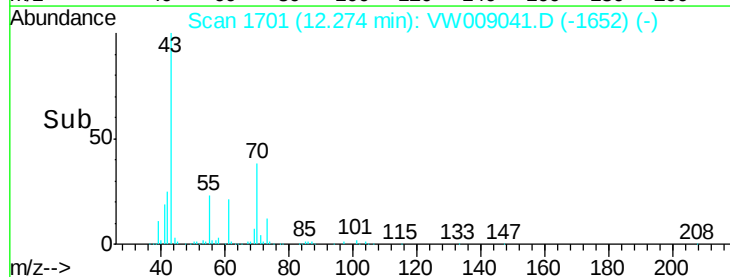
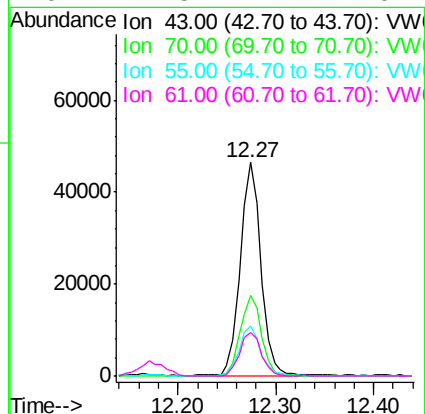
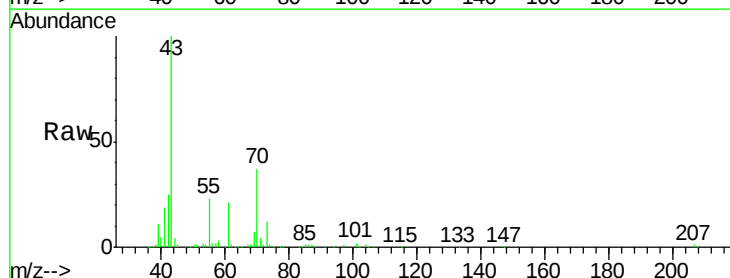
Ion Ratio Lower Upper

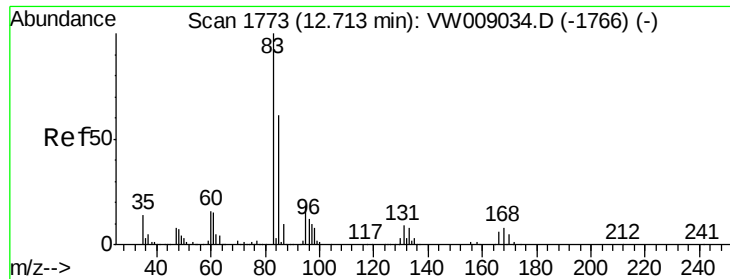
43 100

70 38.8 30.8 46.2

55 24.7 17.8 26.8

61 21.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.590 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

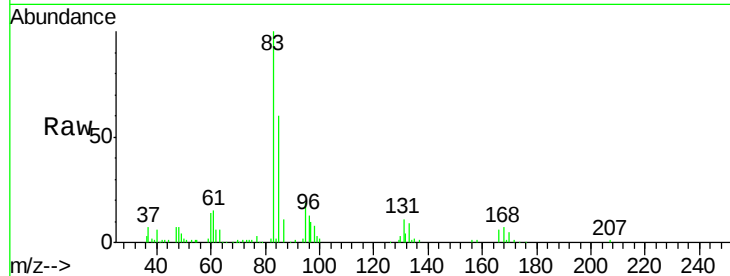
Tgt Ion: 83 Resp: 48049

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

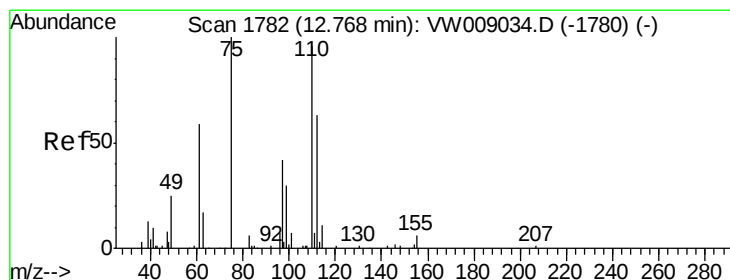
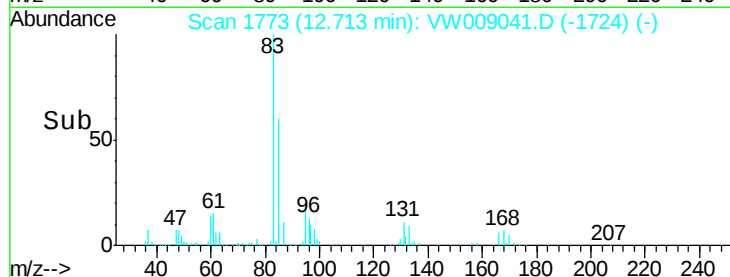
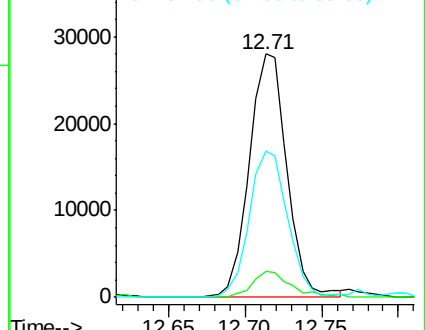
85 61.1 31.7 95.1



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: 37.741 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW009041.D

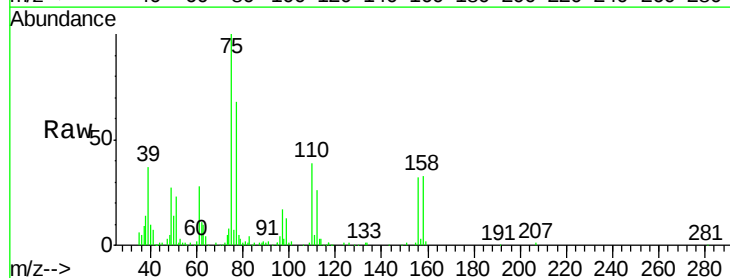
Acq: 07 Mar 2019 15:57

Tgt Ion: 75 Resp: 64745

Ion Ratio Lower Upper

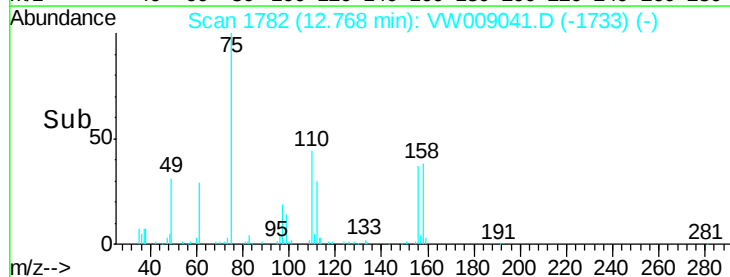
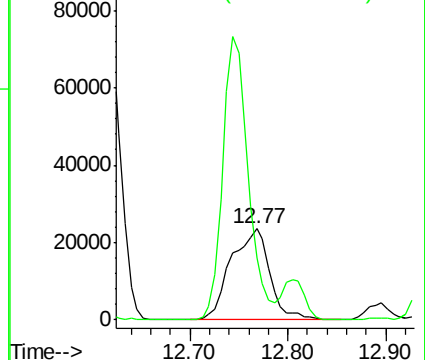
75 100

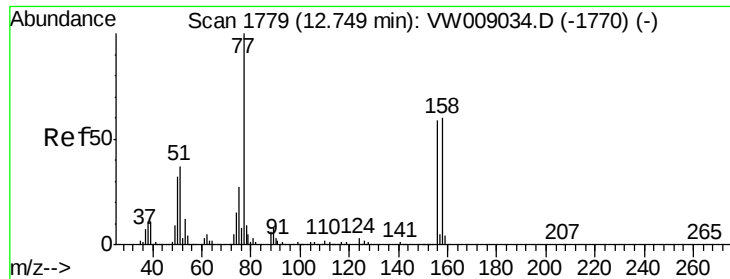
77 0.0 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.442 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

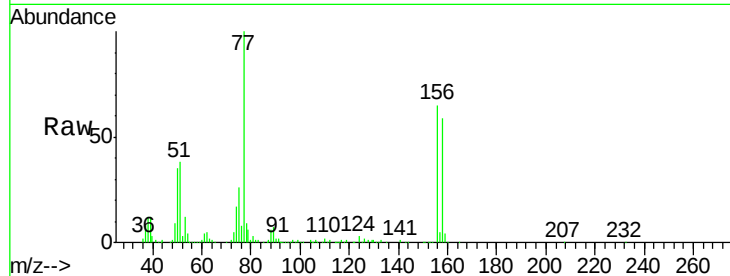
Tgt Ion:156 Resp: 76178

Ion Ratio Lower Upper

156 100

77 175.0 93.0 279.2

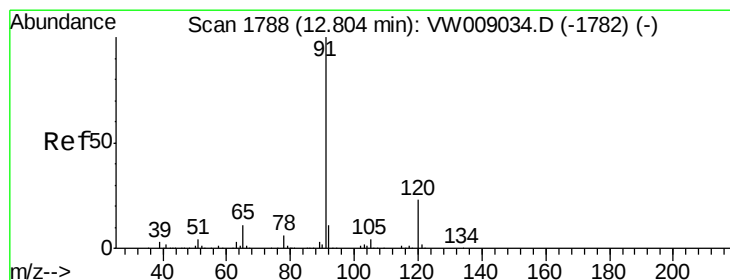
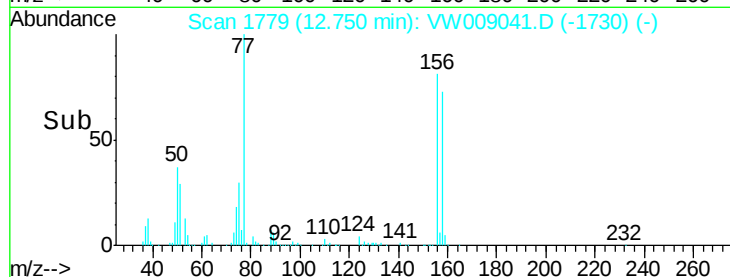
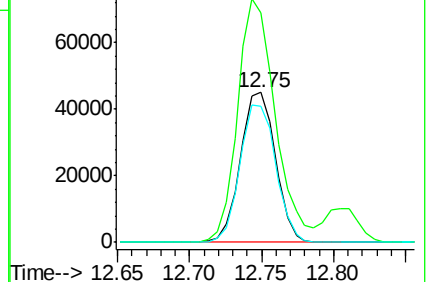
158 94.0 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.576 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009041.D

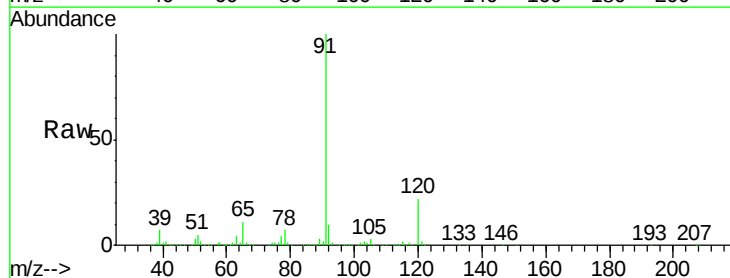
Acq: 07 Mar 2019 15:57

Tgt Ion: 91 Resp: 413235

Ion Ratio Lower Upper

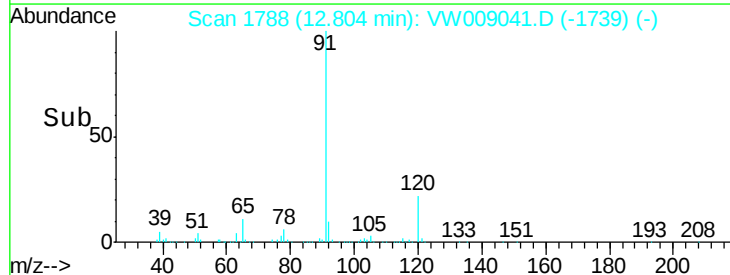
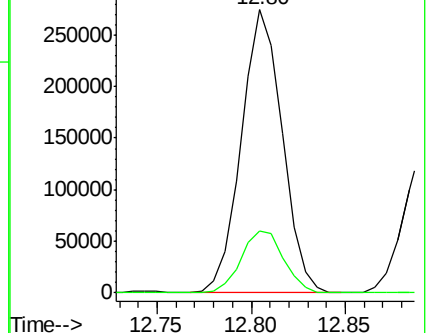
91 100

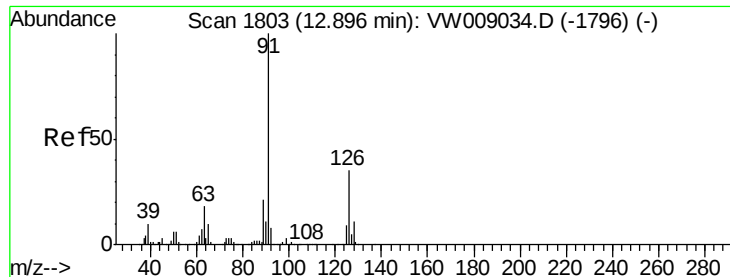
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

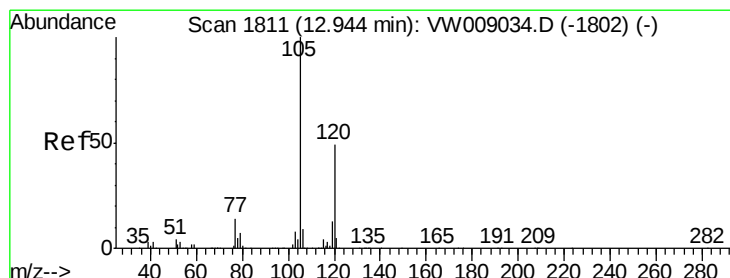
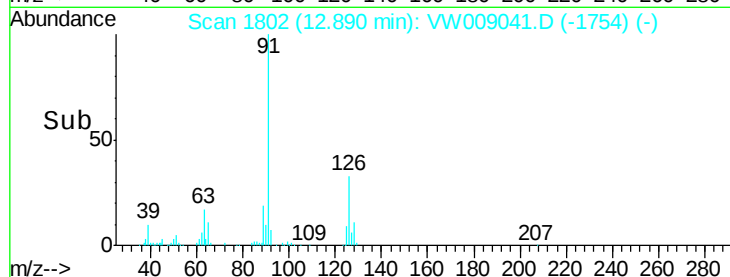
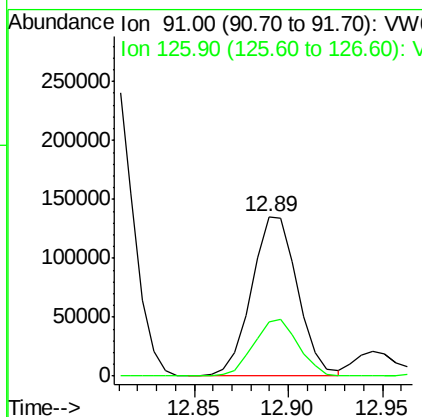
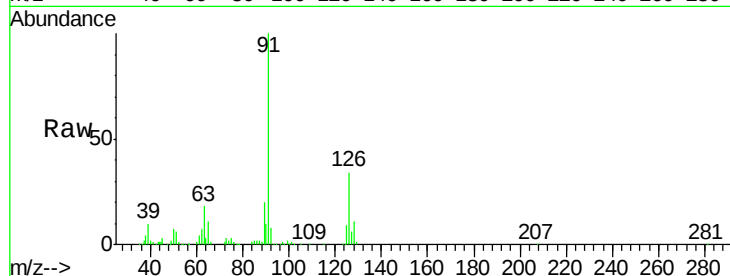




#79
2-Chlorotoluene
Concen: 21.166 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

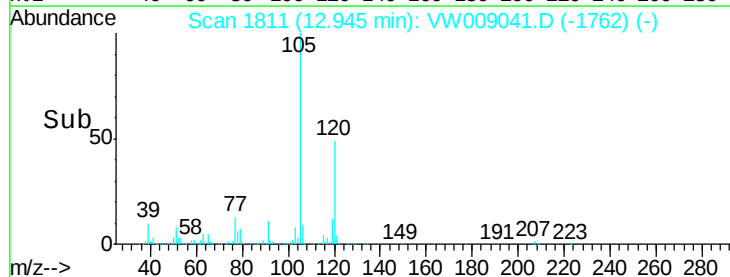
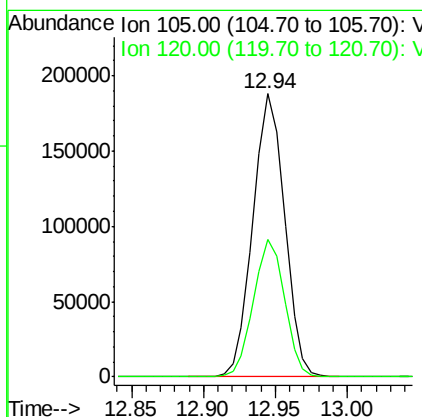
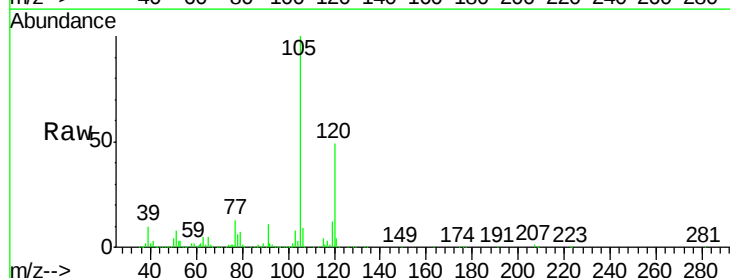
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

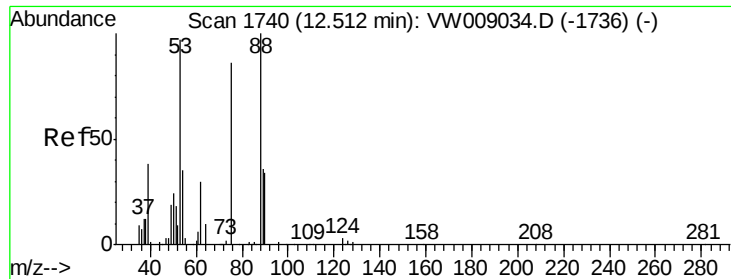
Tgt Ion: 91 Resp: 227764
Ion Ratio Lower Upper
91 100
126 34.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 21.297 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 105 Resp: 285449
Ion Ratio Lower Upper
105 100
120 48.0 24.4 73.2

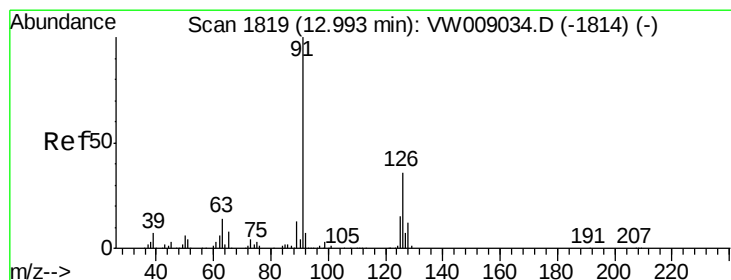
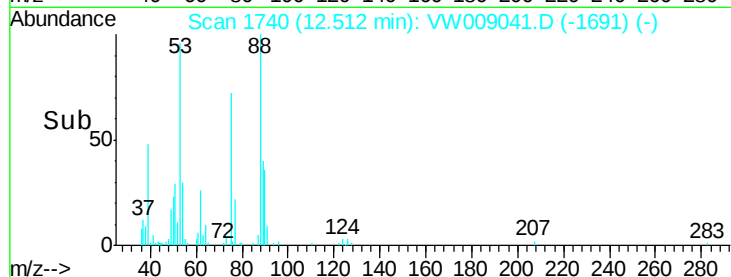
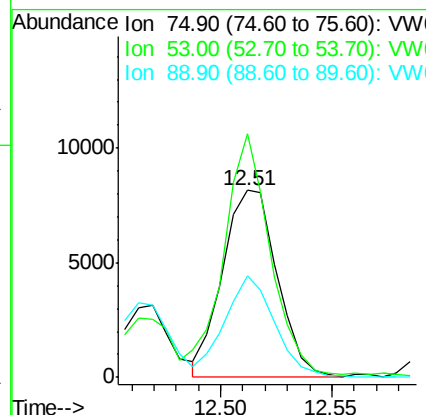
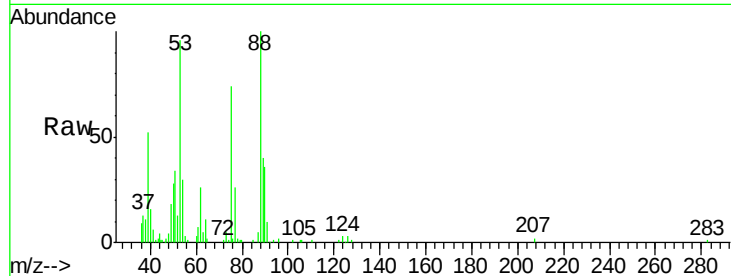




#81
trans-1,4-Dichloro-2-butene
Concen: 18.144 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

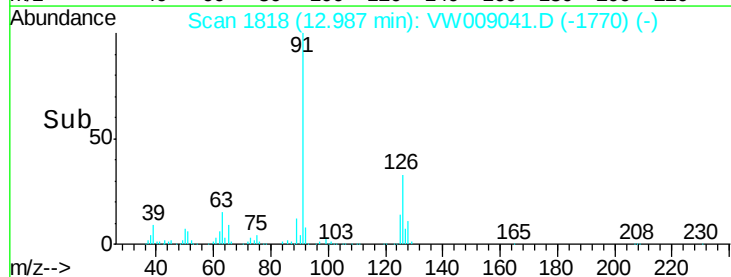
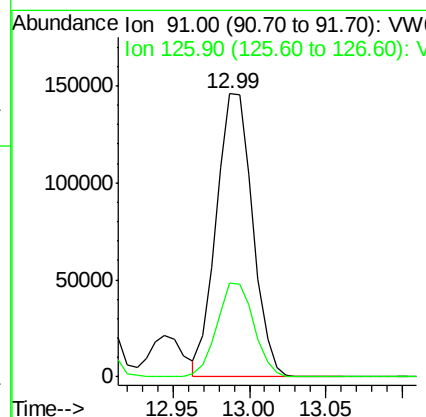
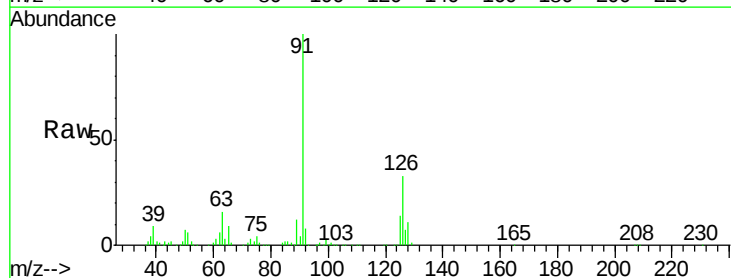
Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

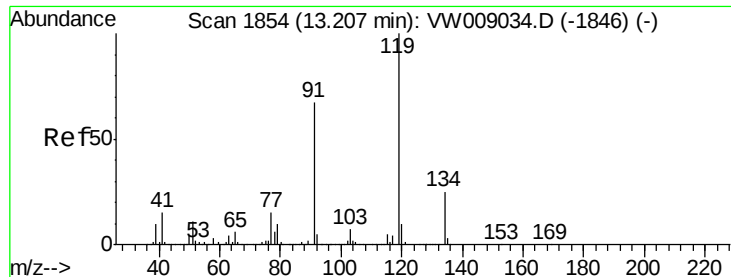
Tgt Ion: 75 Resp: 13916
Ion Ratio Lower Upper
75 100
53 114.5 90.5 135.7
89 49.7 37.5 56.3



#82
4-Chlorotoluene
Concen: 20.959 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion: 91 Resp: 240406
Ion Ratio Lower Upper
91 100
126 34.0 16.6 49.8





#83

tert-Butylbenzene

Concen: 21.623 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

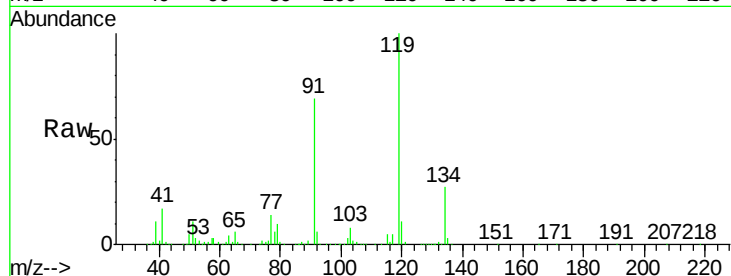
Tgt Ion:119 Resp: 244429

Ion Ratio Lower Upper

119 100

91 68.4 34.2 102.5

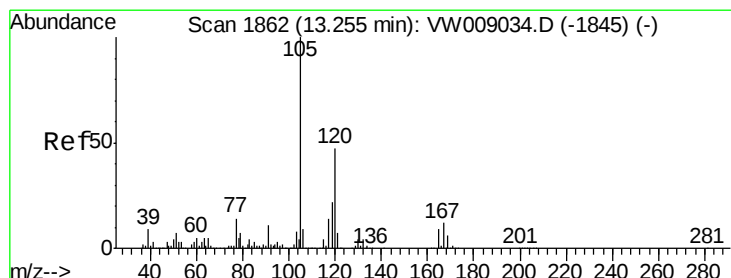
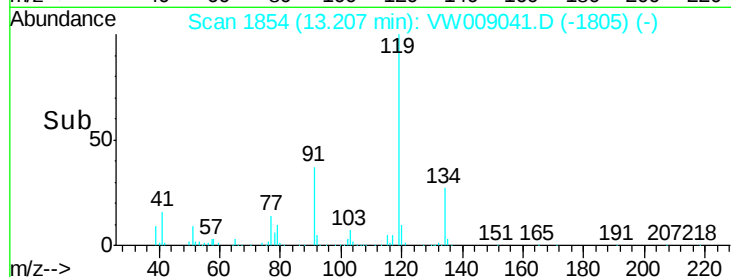
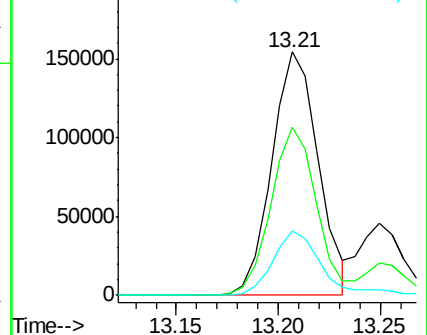
134 28.1 13.9 41.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.312 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009041.D

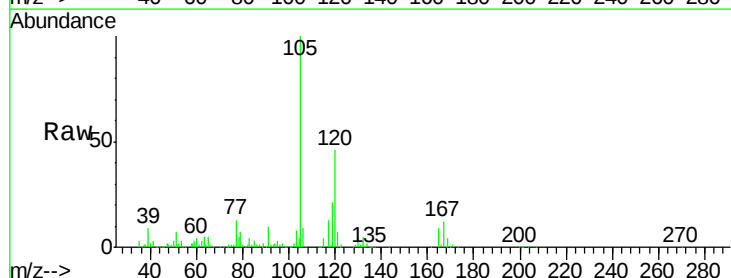
Acq: 07 Mar 2019 15:57

Tgt Ion:105 Resp: 288958

Ion Ratio Lower Upper

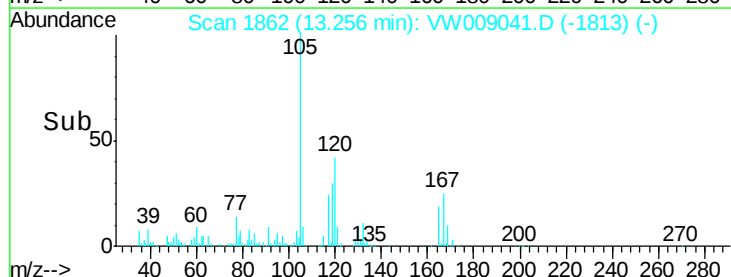
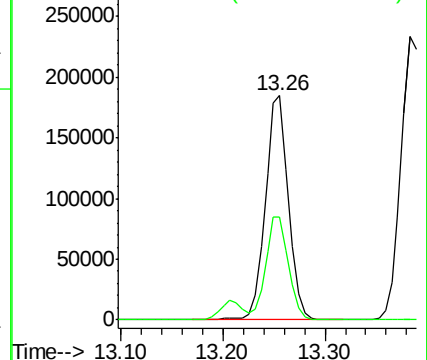
105 100

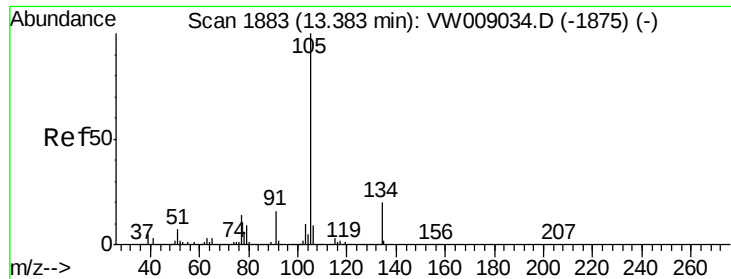
120 45.5 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

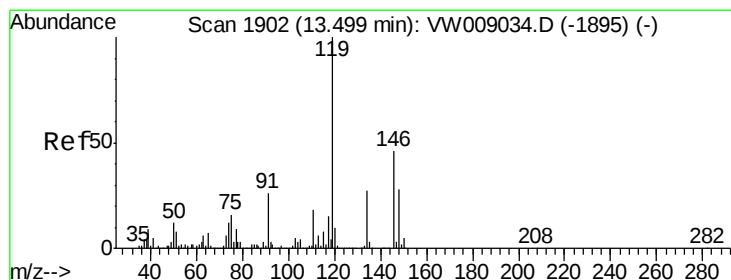
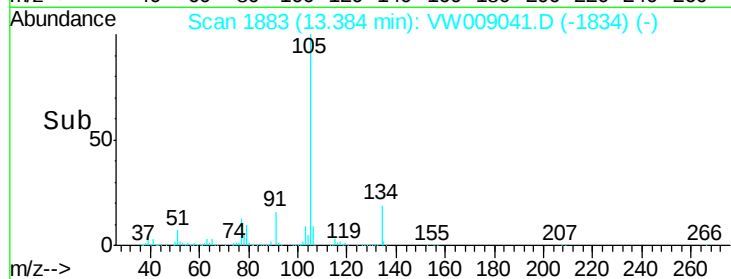
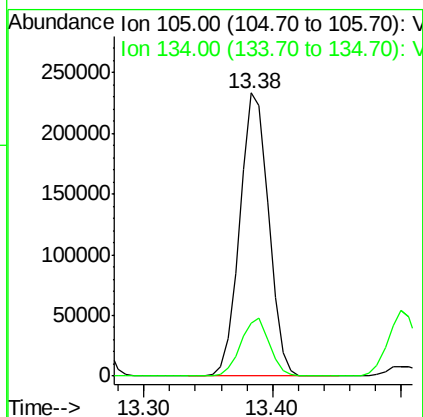
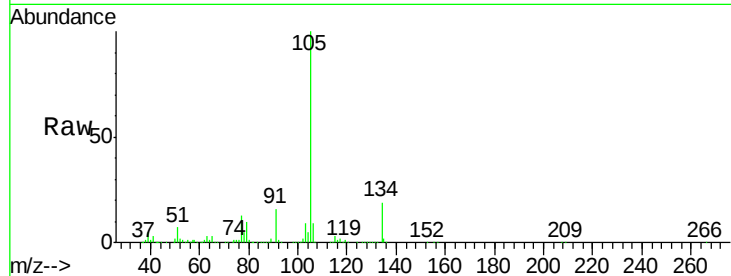




#85
 sec-Butylbenzene
 Concen: 21.521 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

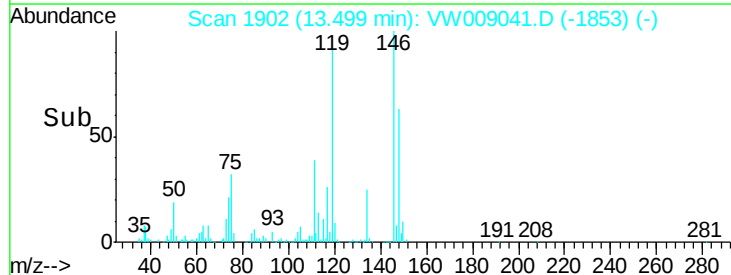
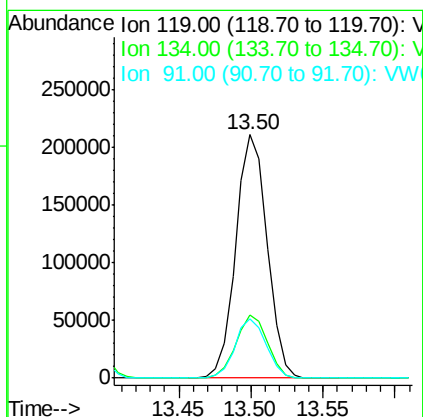
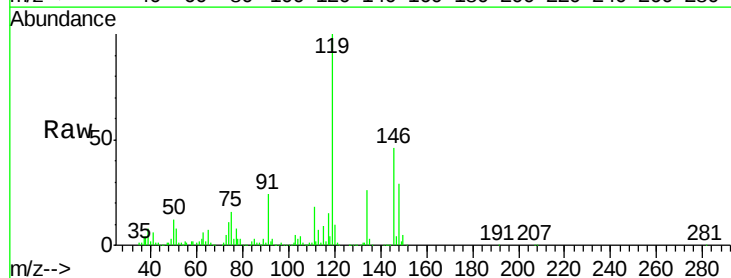
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

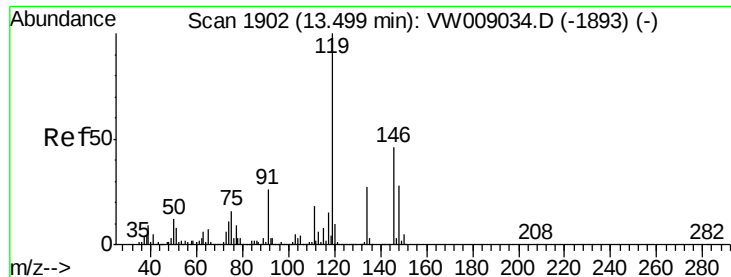
Tgt Ion:105 Resp: 360437
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 21.234 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion:119 Resp: 318140
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 24.3 12.3 36.9

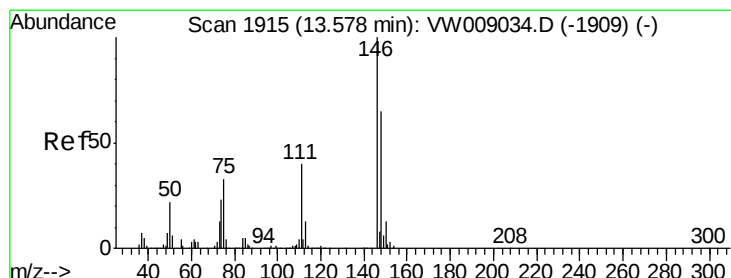
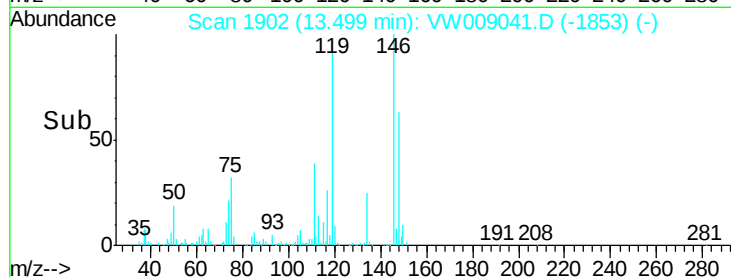
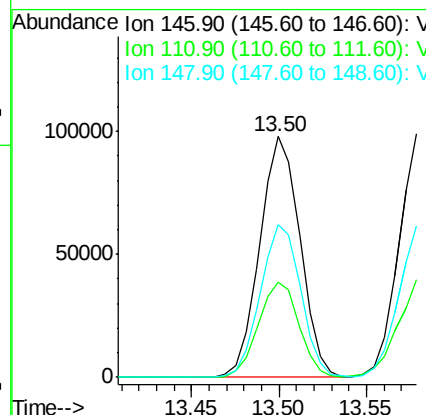
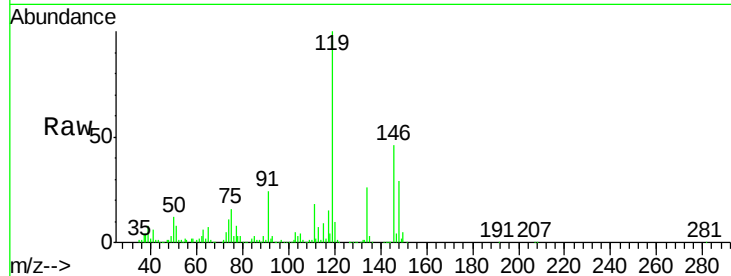




#87
 1,3-Dichlorobenzene
 Concen: 21.025 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

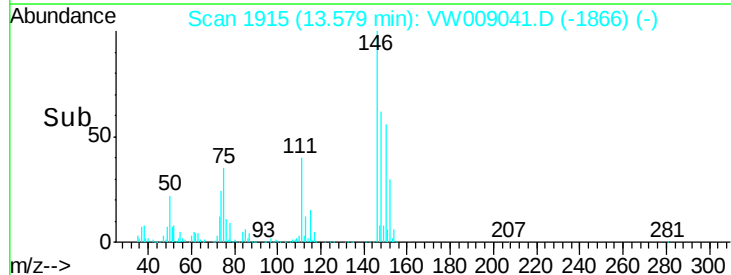
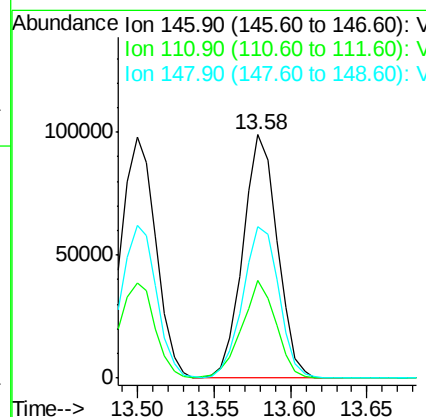
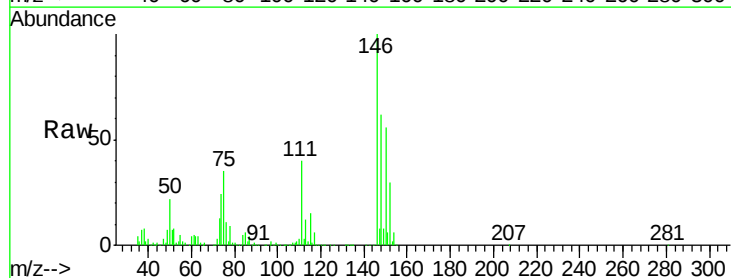
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

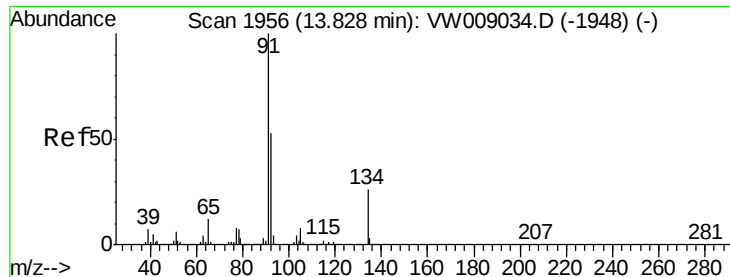
Tgt Ion:146 Resp: 156981
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.4
 148 63.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.973 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion:146 Resp: 154752
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.0
 148 65.1 32.2 96.6





#89

n-Butylbenzene

Concen: 21.559 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

VW0307SBS01

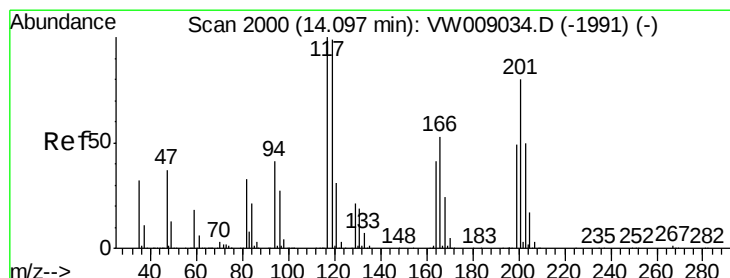
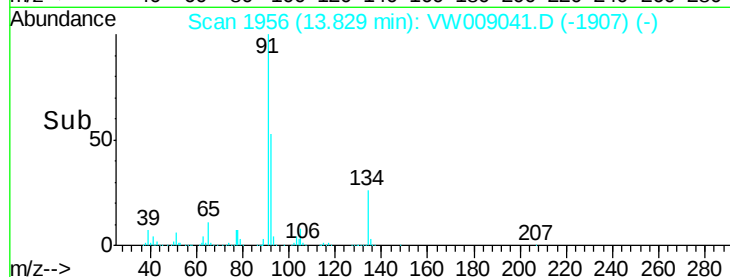
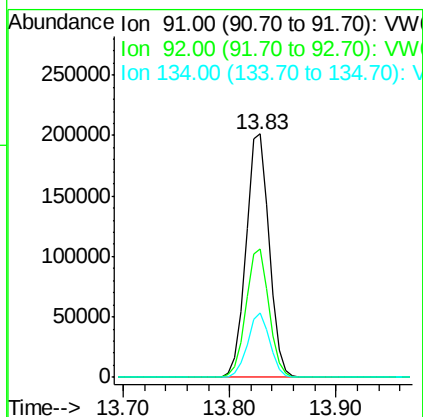
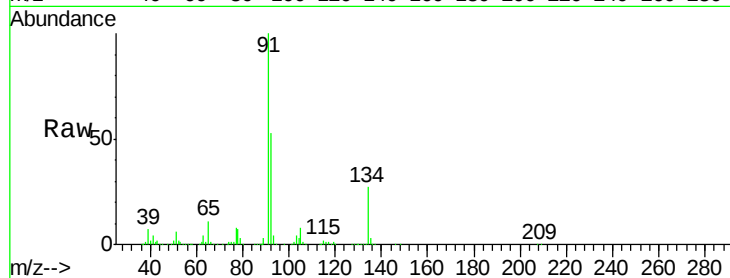
Tgt Ion: 91 Resp: 307067

Ion Ratio Lower Upper

91 100

92 52.3 26.8 80.3

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 21.625 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW009041.D

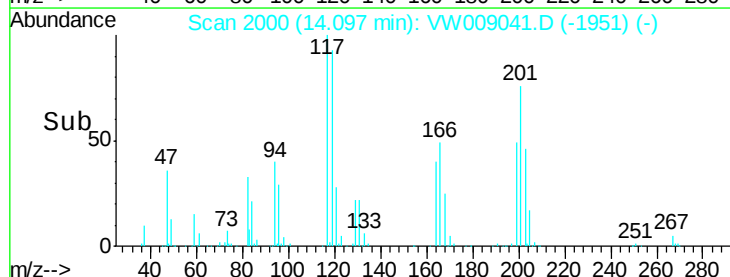
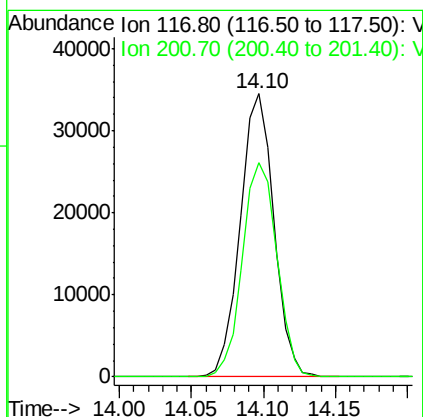
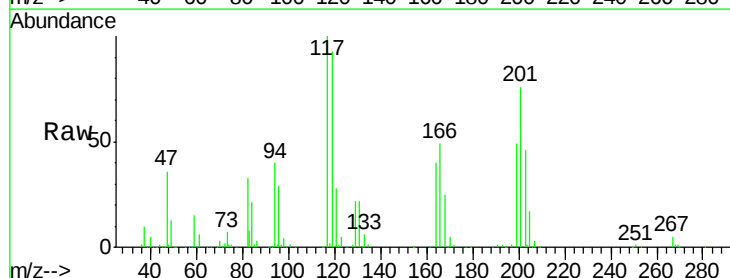
Acq: 07 Mar 2019 15:57

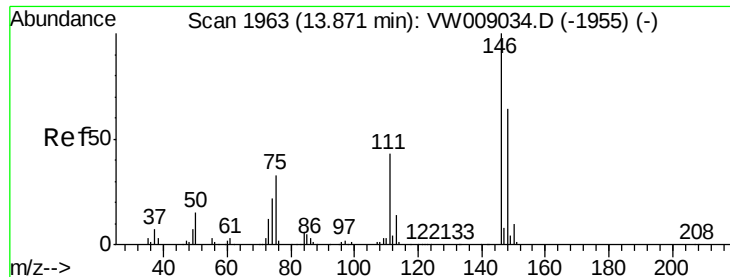
Tgt Ion: 117 Resp: 55880

Ion Ratio Lower Upper

117 100

201 77.7 39.1 117.5





#91

1,2-Dichlorobenzene

Concen: 20.487 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

VW0307SBS01

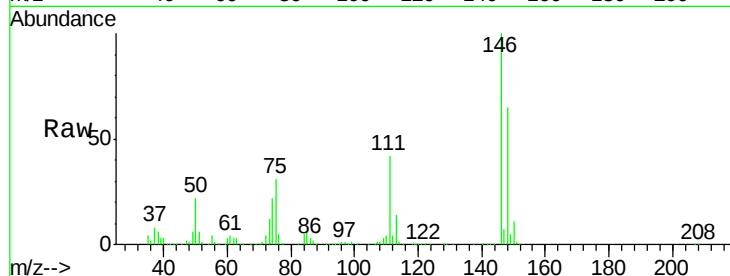
Tgt Ion:146 Resp: 134955

Ion Ratio Lower Upper

146 100

111 41.1 21.1 63.1

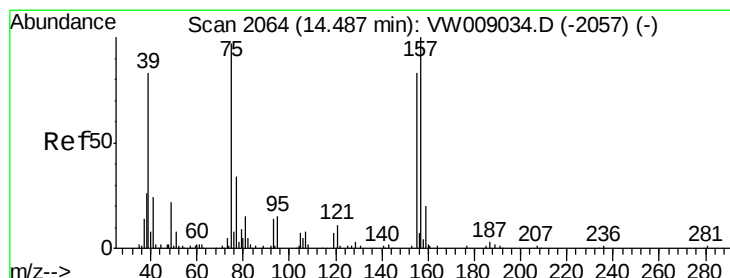
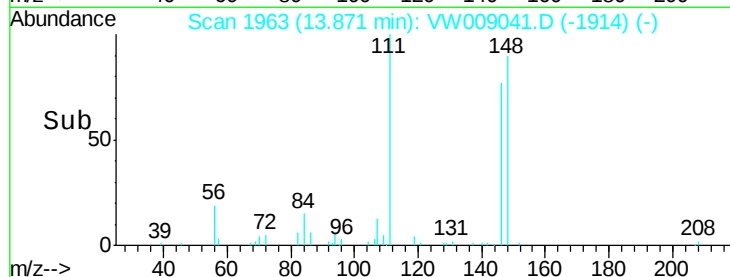
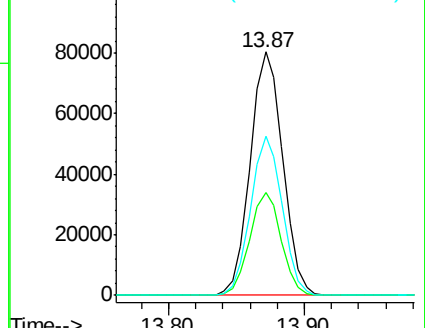
148 63.5 32.3 96.9



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: 17.143 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW009041.D

Acq: 07 Mar 2019 15:57

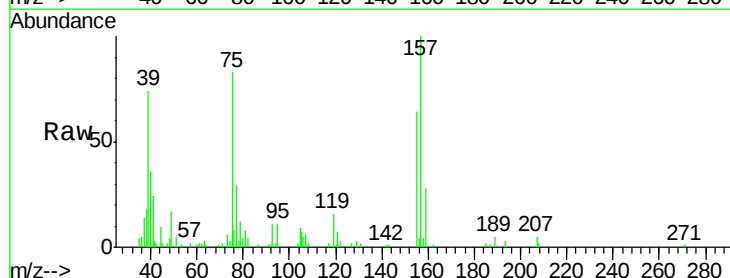
Tgt Ion: 75 Resp: 7489

Ion Ratio Lower Upper

75 100

155 88.9 40.8 122.4

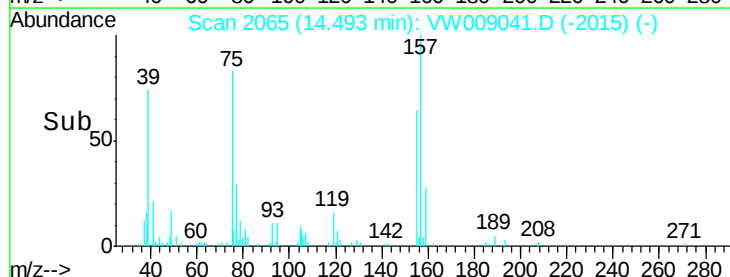
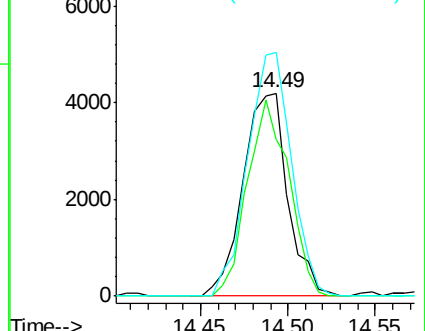
157 117.7 52.4 157.3

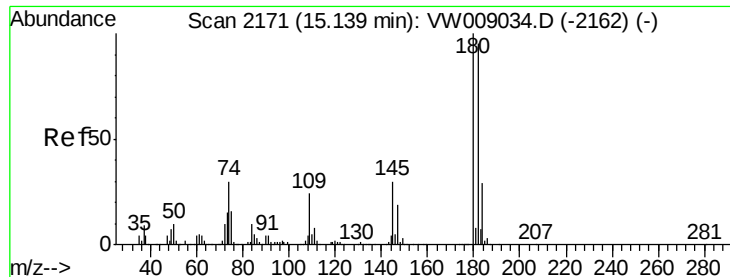


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

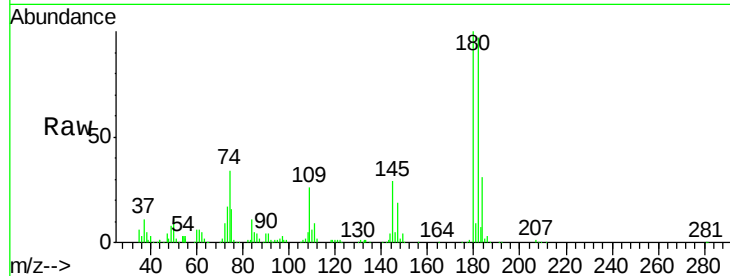




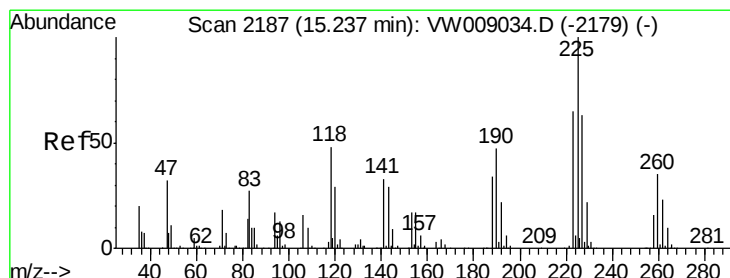
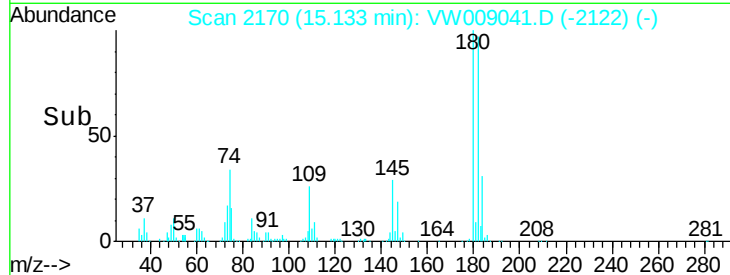
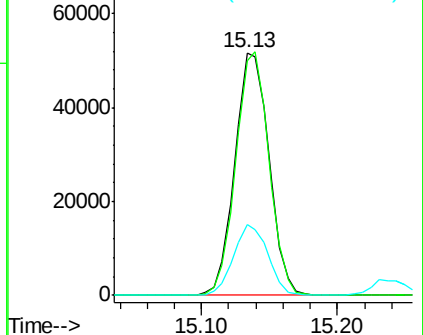
#93
 1,2,4-Trichlorobenzene
 Concen: 20.341 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0307SBS01

Tgt Ion:180 Resp: 90493
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.1 144.3
 145 29.2 15.4 46.1

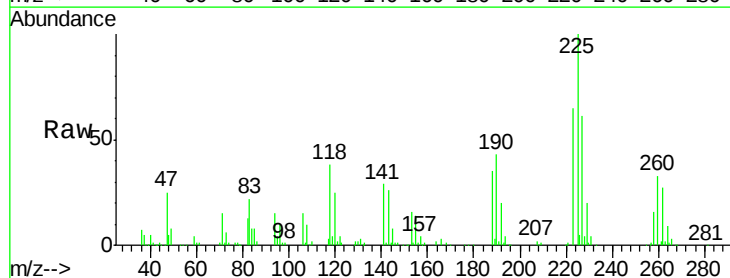


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

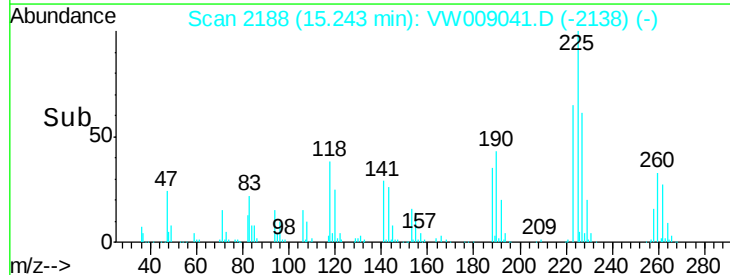
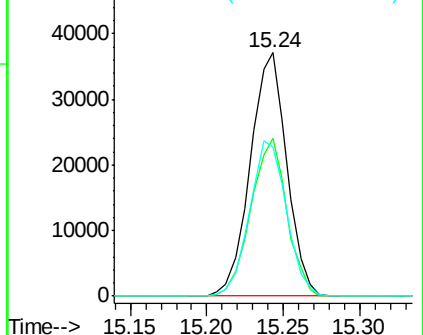


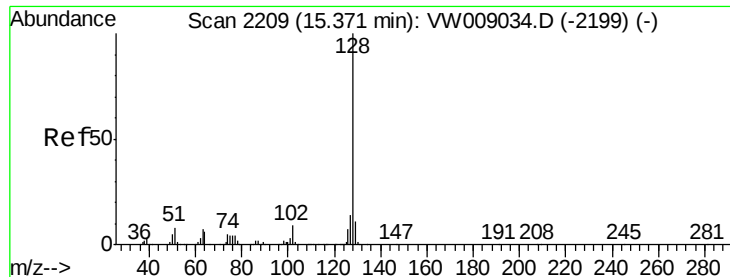
#94
 Hexachlorobutadiene
 Concen: 22.115 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009041.D
 Acq: 07 Mar 2019 15:57

Tgt Ion:225 Resp: 61624
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.6 94.8
 227 64.2 32.0 96.2



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

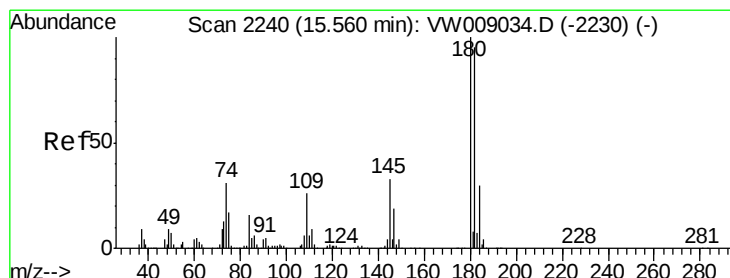
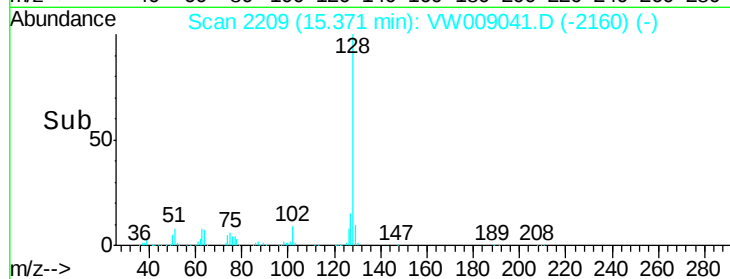
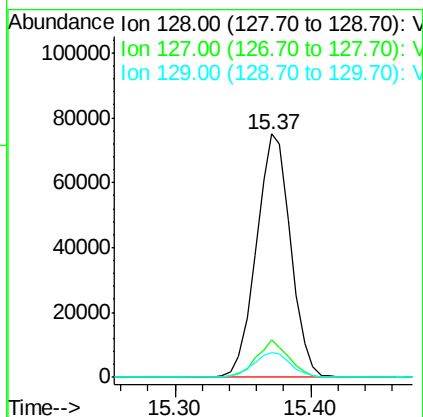
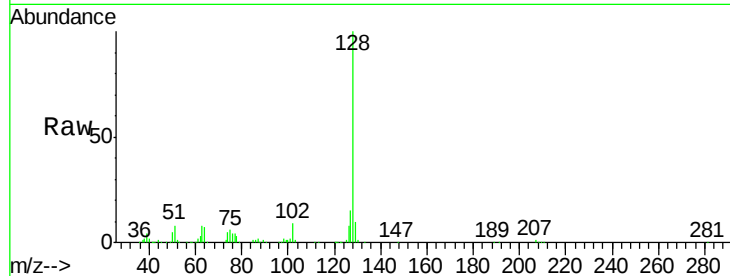




#95
Naphthalene
Concen: 18.154 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Instrument :
MSVOA_W
ClientSampleId :
VW0307SBS01

Tgt Ion:128 Resp: 132203
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.936 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009041.D
Acq: 07 Mar 2019 15:57

Tgt Ion:180 Resp: 77989
Ion Ratio Lower Upper
180 100
182 95.5 48.1 144.3
145 30.5 15.8 47.3

