

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030819\
 Data File : VW009055.D
 Acq On : 08 Mar 2019 15:28
 Operator : SY/VA
 Sample : VW0308SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

Quant Time: Mar 09 01:18:44 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	292602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	218332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	143611	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	7.88	113	126065	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.32	98	529449	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	196152	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	63579	21.561	ug/l	100
3) Chloromethane	2.21	50	76315	20.372	ug/l	94
4) Vinyl Chloride	2.35	62	74248	19.530	ug/l	99
5) Bromomethane	2.77	94	75873	23.643	ug/l	98
6) Chloroethane	2.91	64	50350	18.604	ug/l	97
7) Trichlorofluoromethane	3.25	101	98594	20.142	ug/l	92
8) Diethyl Ether	3.69	74	27593	18.436	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61784	20.266	ug/l	100
10) Methyl Iodide	4.27	142	50074	17.364	ug/l	97
11) Tert butyl alcohol	5.14	59	237	1.051	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	51529	19.595	ug/l	98
13) Acrolein	3.90	56	21220	85.482	ug/l	97
14) Allyl chloride	4.67	41	89166	19.222	ug/l	98
15) Acrylonitrile	5.38	53	54723	83.773	ug/l	98
16) Acetone	4.14	43	58801	88.515	ug/l	99
17) Carbon Disulfide	4.37	76	174126	19.680	ug/l	100
18) Methyl Acetate	4.68	43	24720	16.182	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	124258	17.862	ug/l	96
20) Methylene Chloride	4.91	84	64703	17.139	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	58485	19.261	ug/l	97
22) Diisopropyl ether	6.31	45	176871	19.187	ug/l	98
23) Vinyl Acetate	6.26	43	512810	89.395	ug/l	99
24) 1,1-Dichloroethane	6.21	63	104769	19.595	ug/l	99
25) 2-Butanone	7.18	43	76038	82.822	ug/l	95
26) 2,2-Dichloropropane	7.16	77	96700	19.897	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	61104	18.737	ug/l	95
28) Bromochloromethane	7.51	49	42824	19.256	ug/l	96
29) Tetrahydrofuran	7.53	42	44362	76.677	ug/l	97
30) Chloroform	7.67	83	105660	19.194	ug/l	95
31) Cyclohexane	7.95	56	108128	19.695	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	100025	19.689	ug/l	99
36) 1,1-Dichloropropene	8.08	75	87536	19.683	ug/l	99
37) Ethyl Acetate	7.25	43	32808	15.706	ug/l	99
38) Carbon Tetrachloride	8.07	117	91001	19.814	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103356	19.512	ug/l	97
40) Benzene	8.32	78	230371	19.405	ug/l	97
41) Methacrylonitrile	7.48	41	20042	17.278	ug/l	90
42) 1,2-Dichloroethane	8.40	62	69953	18.252	ug/l	99
43) Isopropyl Acetate	8.43	43	64174	16.495	ug/l	98
44) Trichloroethene	9.09	130	65215	19.600	ug/l	90
45) 1,2-Dichloropropane	9.37	63	56715	19.075	ug/l	97
46) Dibromomethane	9.46	93	28384	17.480	ug/l	97
47) Bromodichloromethane	9.65	83	76637	18.644	ug/l	99
48) Methyl methacrylate	9.44	41	32255	17.805	ug/l	99
49) 1,4-Dioxane	9.47	88	7581	326.023	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	155858	78.912	ug/l	98
52) Toluene	10.39	92	155281	19.287	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	73901	18.178	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	86757	18.570	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40298	18.310	ug/l	95
56) Ethyl methacrylate	10.65	69	45525	16.667	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70633	18.116	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	117408	82.913	ug/l	99
59) 2-Hexanone	10.97	43	113412	81.670	ug/l	97
60) Dibromochloromethane	11.13	129	49187	18.059	ug/l	98
61) 1,2-Dibromoethane	11.23	107	37579	17.417	ug/l	99
64) Tetrachloroethene	10.86	164	55895	18.924	ug/l	93
65) Chlorobenzene	11.66	112	170610	19.138	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	57300	19.250	ug/l	96
67) Ethyl Benzene	11.73	91	306364	19.023	ug/l	98
68) m/p-Xylenes	11.84	106	245013	38.543	ug/l	98
69) o-Xylene	12.16	106	112469	19.015	ug/l	96
70) Styrene	12.18	104	179839	18.792	ug/l	100
71) Bromoform	12.35	173	28365	17.747	ug/l #	96
73) Isopropylbenzene	12.46	105	309199	19.776	ug/l	99
74) N-amyl acetate	12.27	43	62831	16.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44688	18.120	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	60613	35.138	ug/l #	1
77) Bromobenzene	12.75	156	70394	19.705	ug/l	95
78) n-propylbenzene	12.80	91	381826	19.826	ug/l	99
79) 2-Chlorotoluene	12.90	91	212530	19.642	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	263342	19.540	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13123	17.016	ug/l	97
82) 4-Chlorotoluene	12.99	91	222661	19.305	ug/l	98
83) tert-Butylbenzene	13.21	119	230335	20.264	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	266978	19.583	ug/l	98
85) sec-Butylbenzene	13.38	105	331779	19.701	ug/l	99
86) p-Isopropyltoluene	13.50	119	291708	19.363	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	146010	19.448	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	145134	19.561	ug/l	99
89) n-Butylbenzene	13.83	91	279579	19.521	ug/l	99
90) Hexachloroethane	14.10	117	50262	19.344	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	127892	19.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8136	18.522	ug/l	92

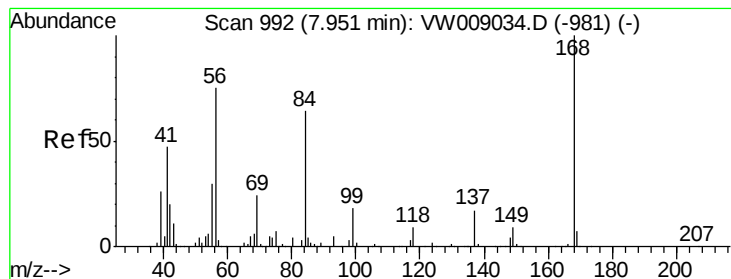
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030819\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	85534	19.120	ug/l	98
94) Hexachlorobutadiene	15.24	225	55954	19.969	ug/l	99
95) Naphthalene	15.37	128	127035	17.348	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	73528	18.692	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

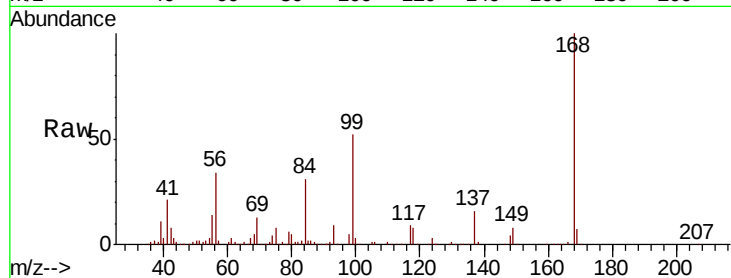
VW0308SBS01

Tot Ion:168 Resp: 292602

Ion Ratio Lower Upper

168 100

99 51.5 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

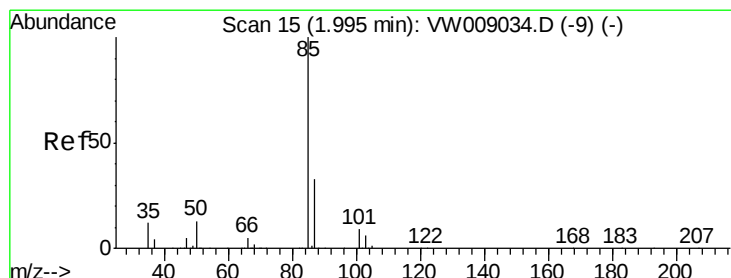
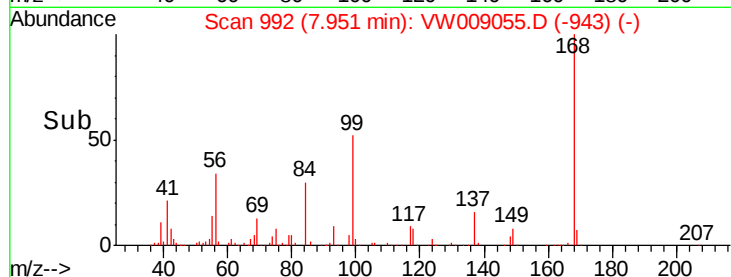
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 21.561 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW009055.D

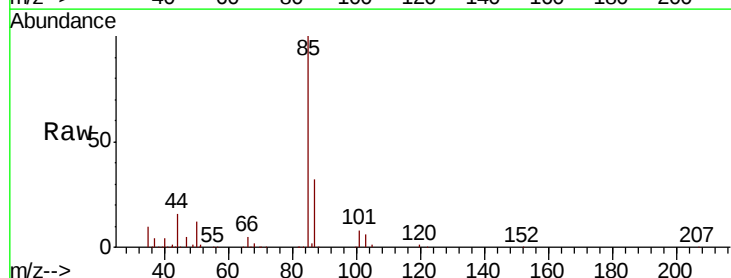
Acq: 08 Mar 2019 15:28

Tgt Ion: 85 Resp: 63579

Ion Ratio Lower Upper

85 100

87 32.5 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

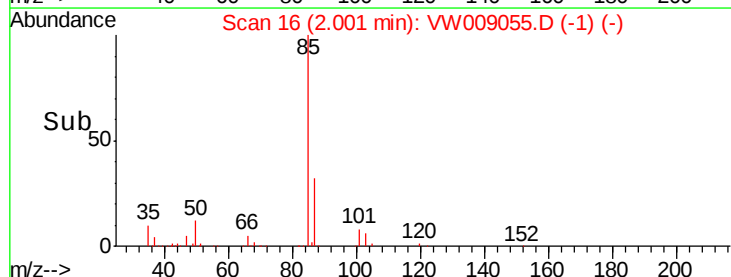
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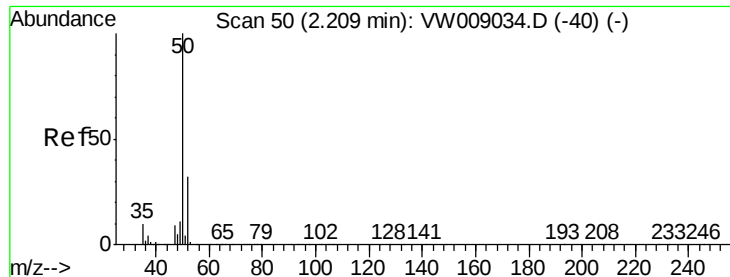
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.372 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

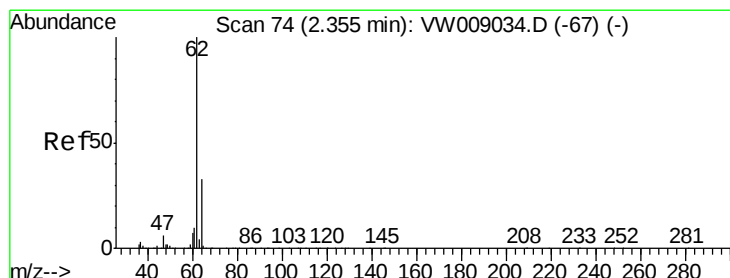
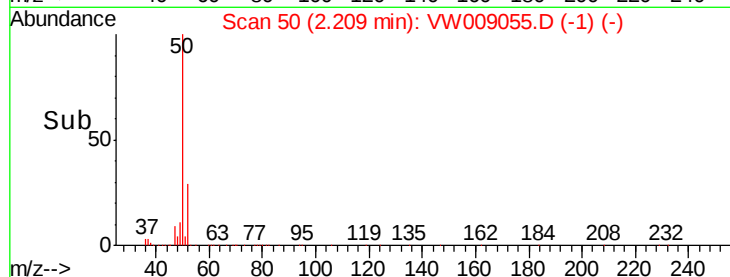
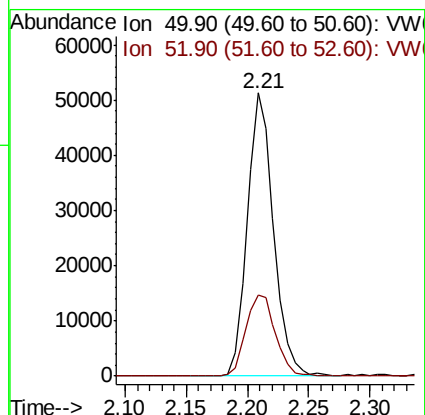
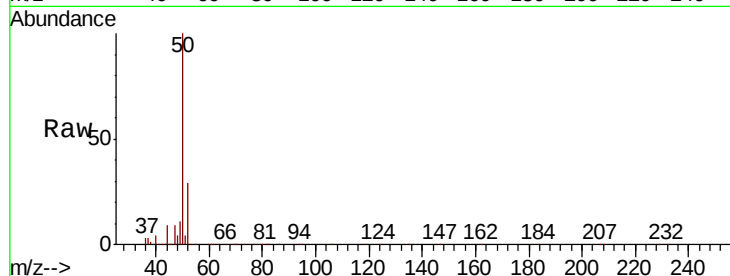
VW0308SBS01

Tot Ion: 50 Resp: 76315

Ion Ratio Lower Upper

50 100

52 28.5 25.4 38.2



#4

Vinyl Chloride

Concen: 19.530 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW009055.D

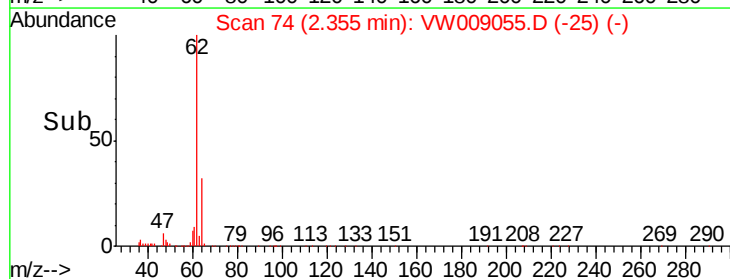
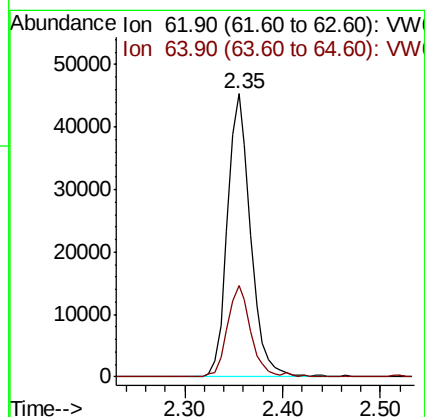
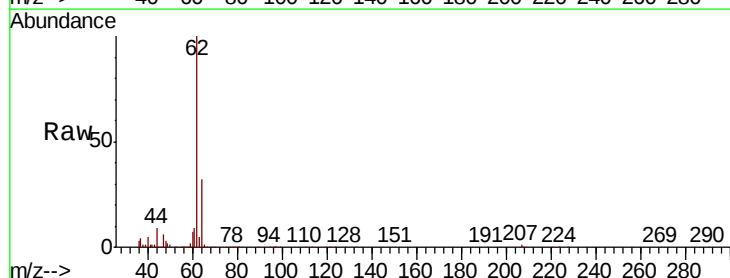
Acq: 08 Mar 2019 15:28

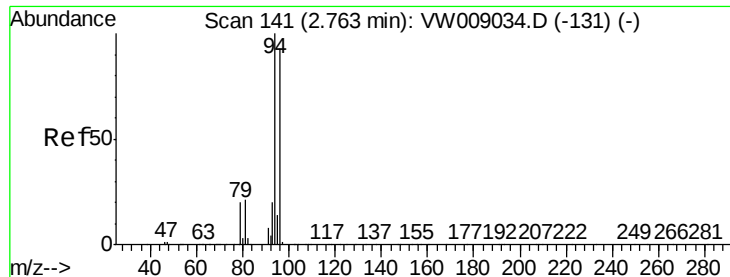
Tgt Ion: 62 Resp: 74248

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0





#5

Bromomethane

Concen: 23.643 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

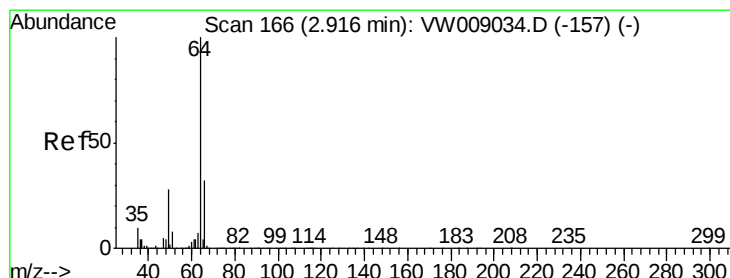
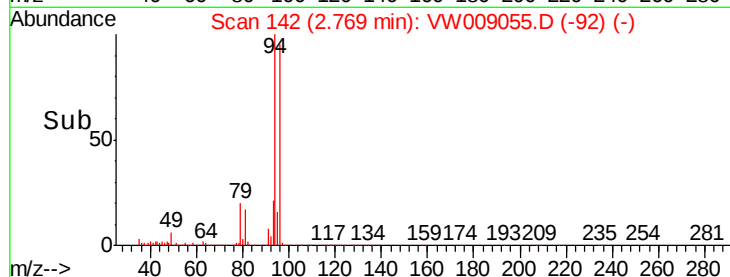
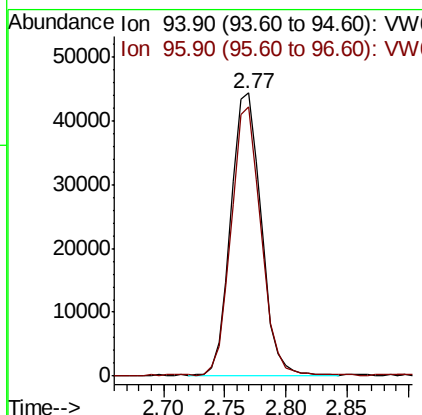
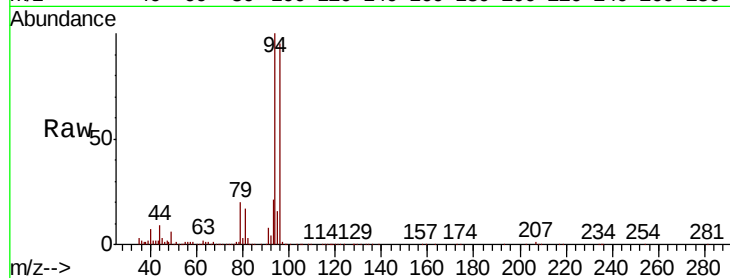
VW0308SBS01

Tot Ion: 94 Resp: 75873

Ion Ratio Lower Upper

94 100

96 94.9 74.4 111.6



#6

Chloroethane

Concen: 18.604 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009055.D

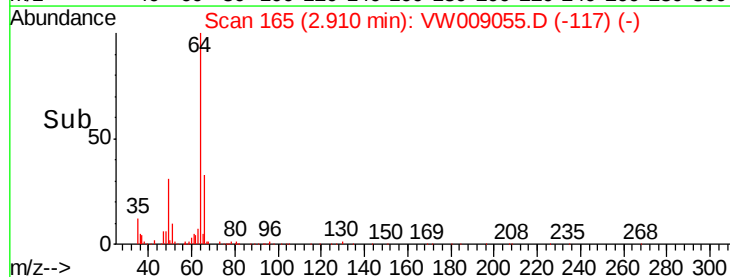
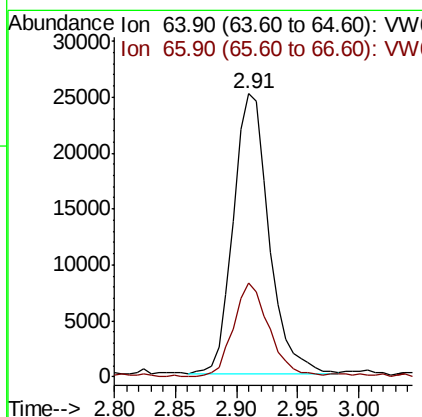
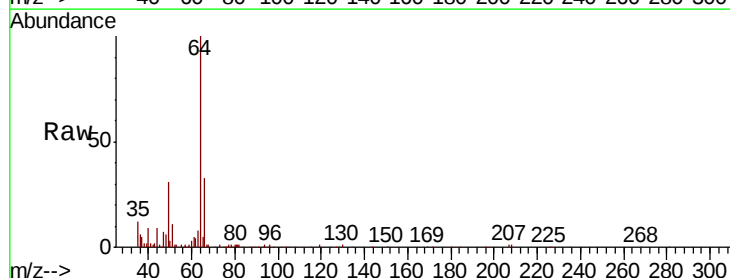
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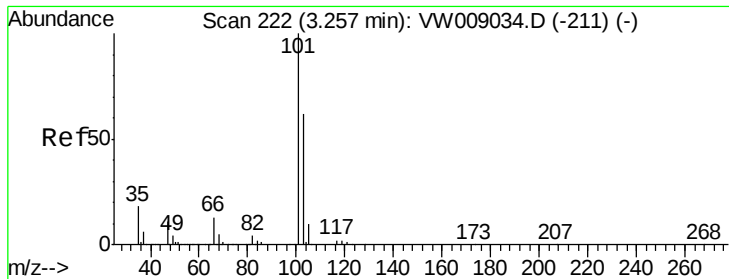
Tgt Ion: 64 Resp: 50350

Ion Ratio Lower Upper

64 100

66 33.8 25.5 38.3



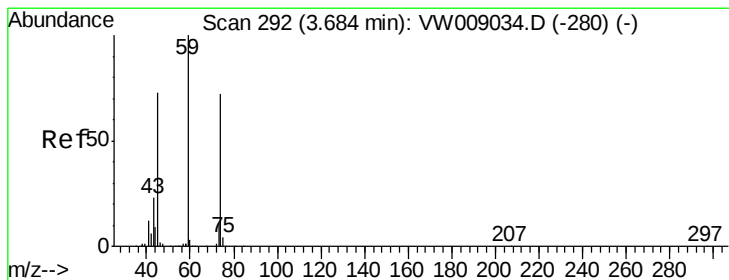
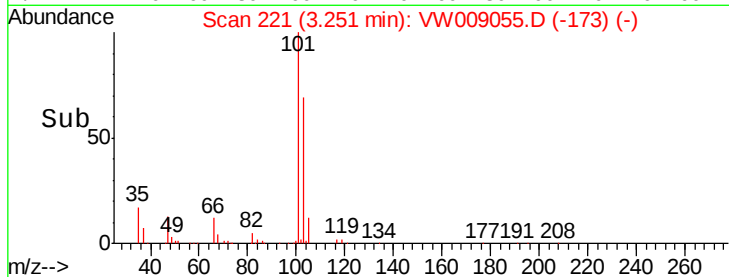
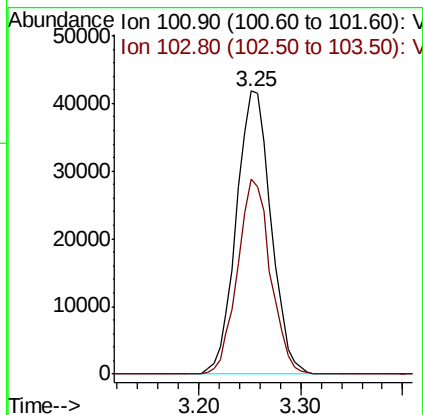
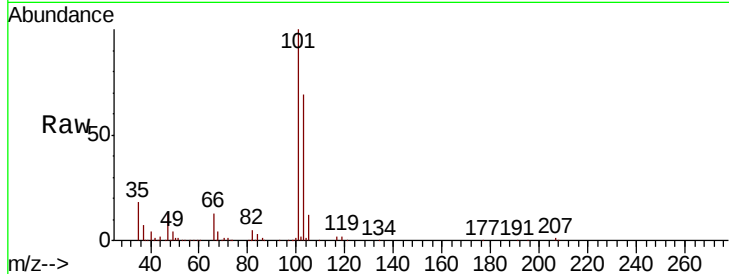


#7

Trichlorofluoromethane
 Concen: 20.142 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

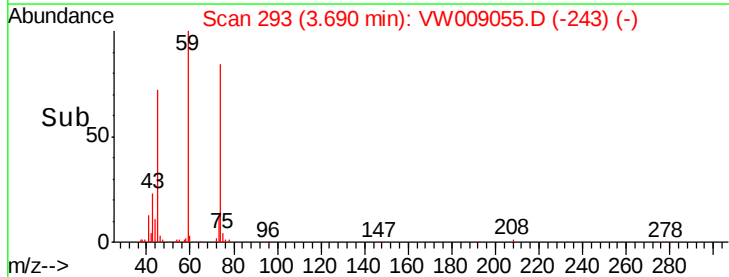
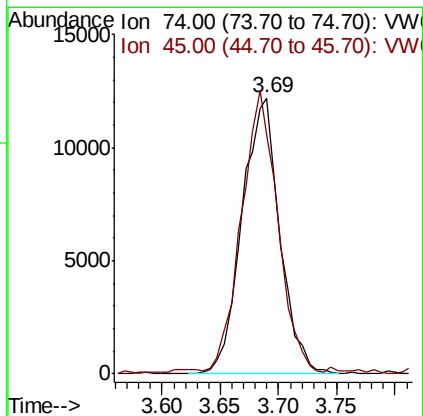
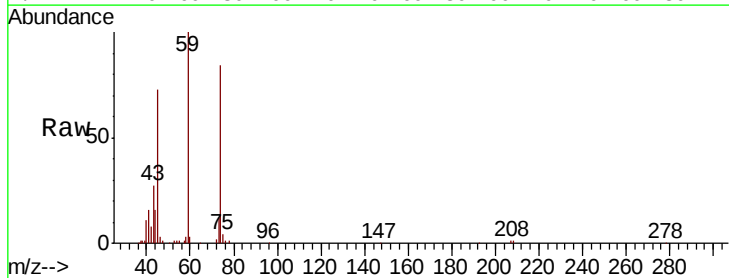
Tot Ion:101 Resp: 98594
 Ion Ratio Lower Upper
 101 100
 103 68.8 49.9 74.9

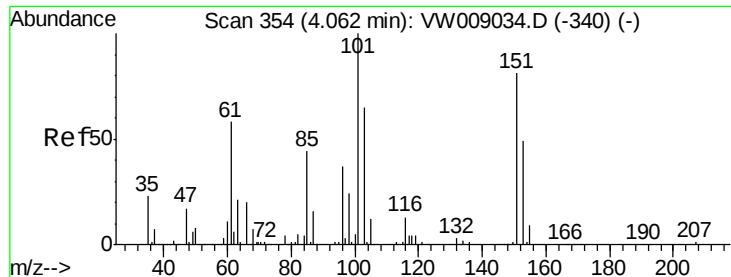


#8

Diethyl Ether
 Concen: 18.436 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Tgt Ion: 74 Resp: 27593
 Ion Ratio Lower Upper
 74 100
 45 97.4 52.3 157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.266 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampled :

VW0308SBS01

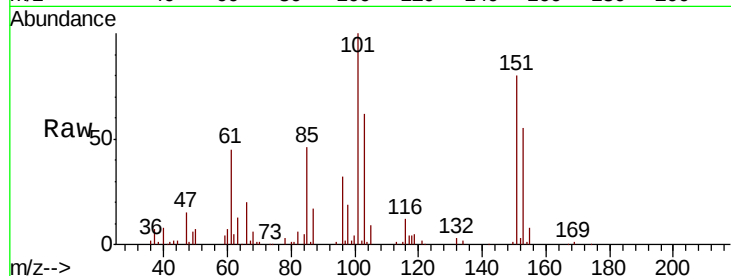
Tot Ion:101 Resp: 61784

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.4

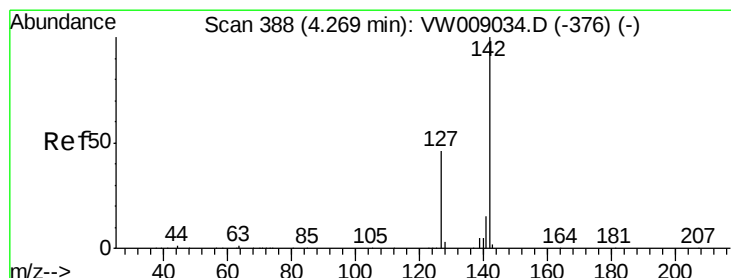
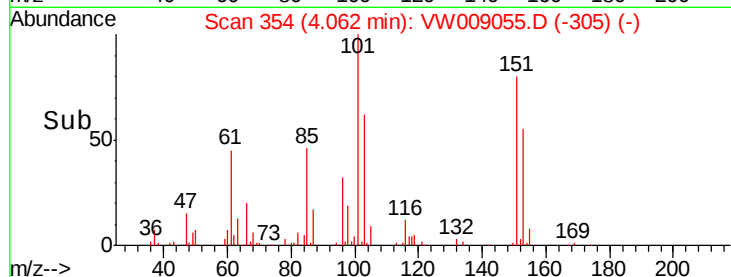
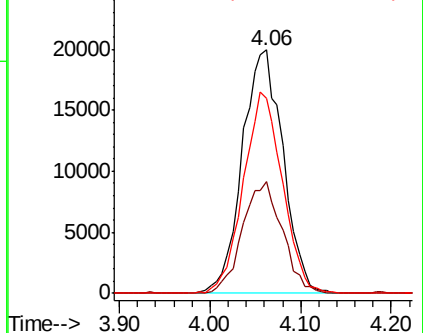
151 79.6 63.4 95.2



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: 17.364 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

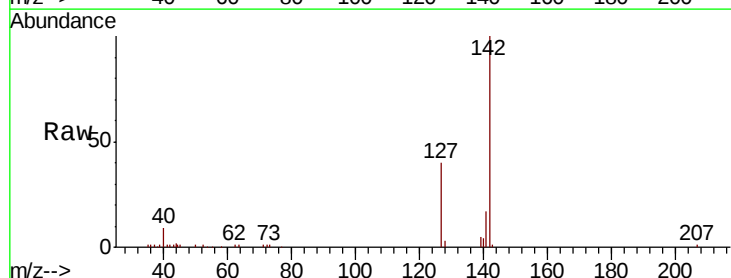
Tgt Ion:142 Resp: 50074

Ion Ratio Lower Upper

142 100

127 46.3 35.8 53.6

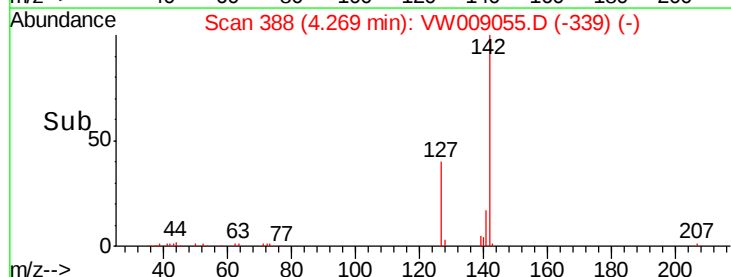
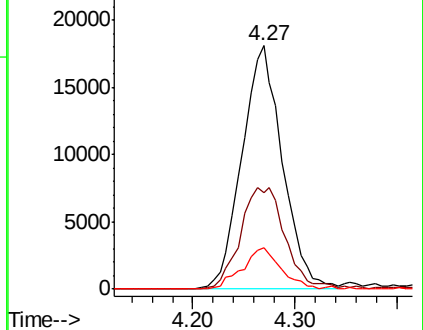
141 16.4 11.8 17.8

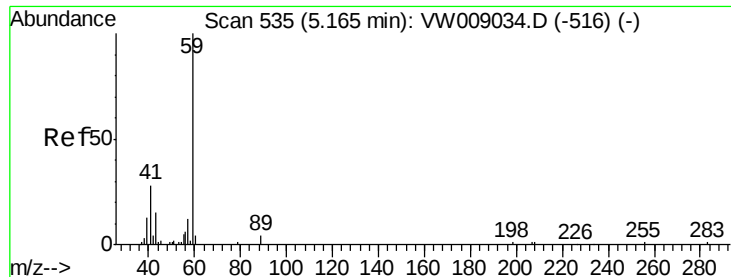


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



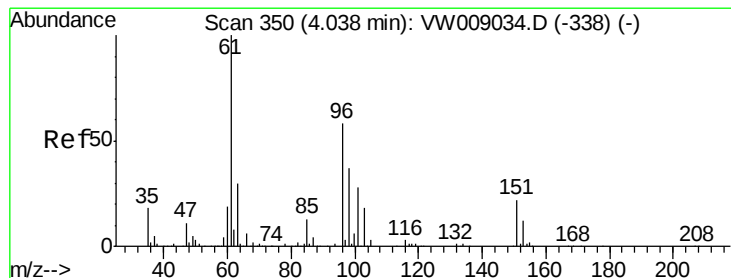
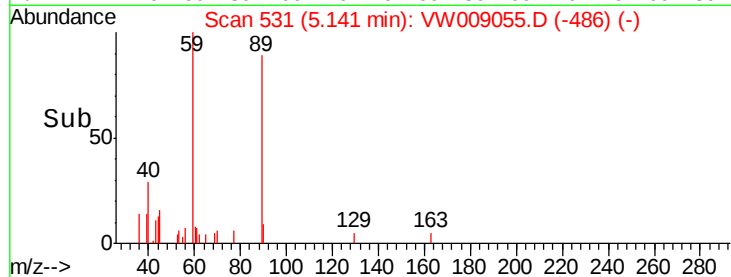
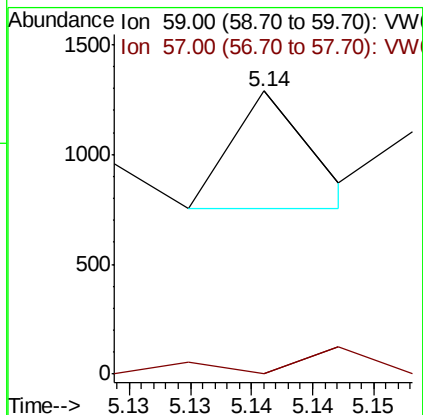
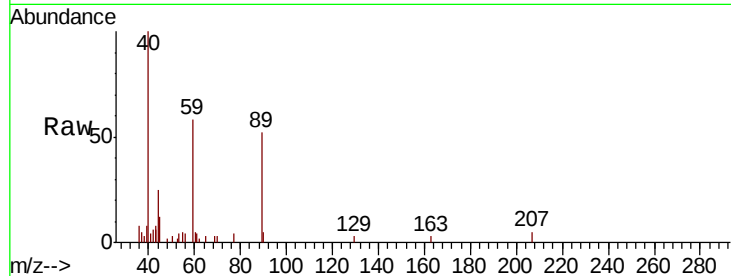


#11

Tert butyl alcohol
Concen: 1.051 ug/l
RT: 5.14 min Scan# 531
Delta R.T. -0.02 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

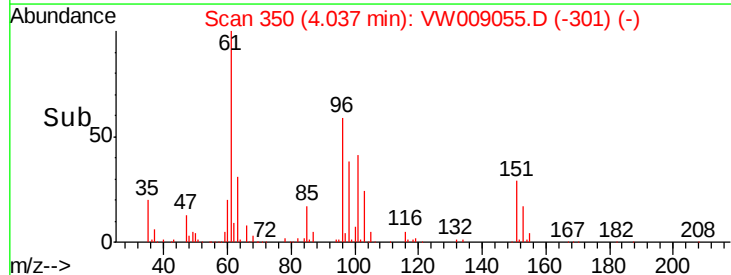
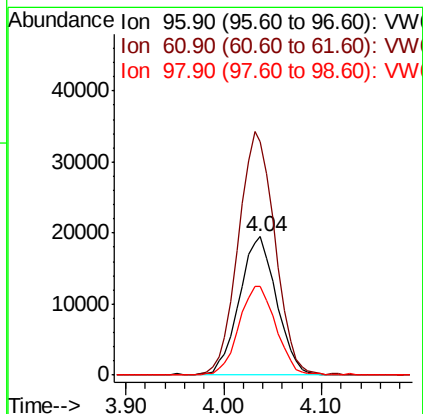
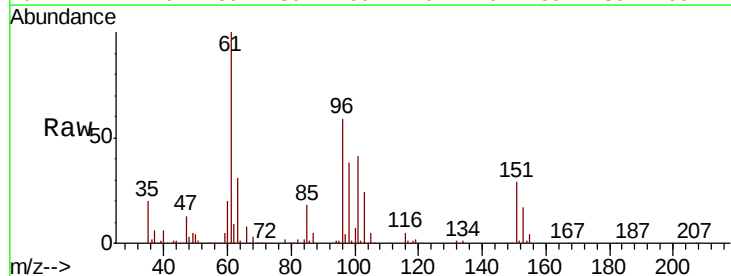
Tot Ion: 59 Resp: 237
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

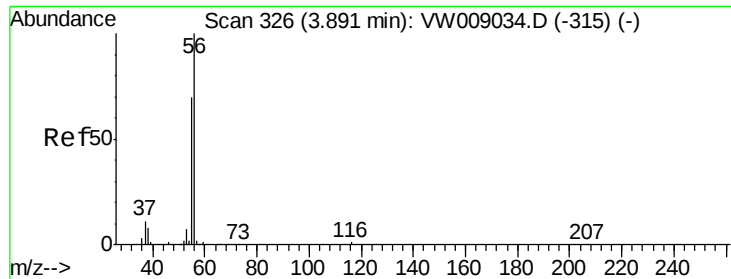


#12

1,1-Dichloroethene
Concen: 19.595 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 96 Resp: 51529
Ion Ratio Lower Upper
96 100
61 168.3 138.2 207.2
98 63.7 51.3 76.9





#13

Acrolein

Concen: 85.482 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

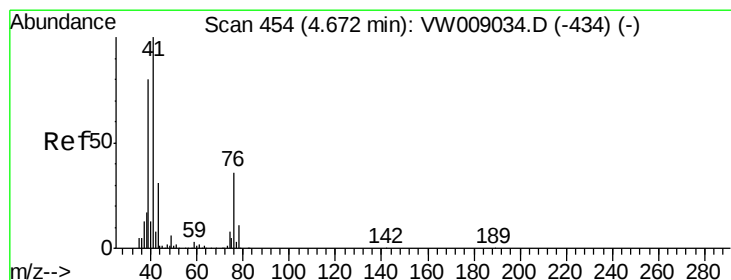
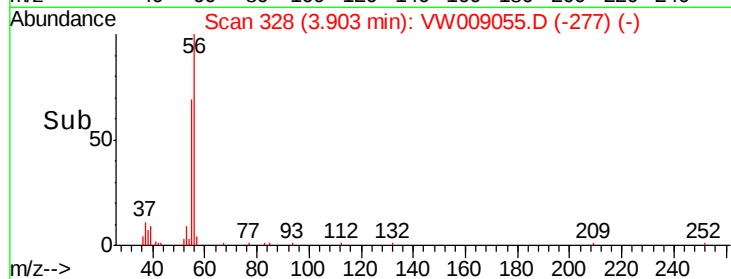
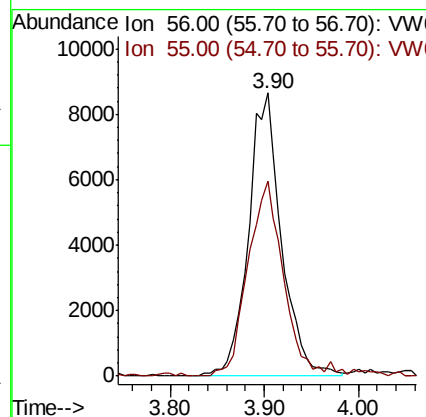
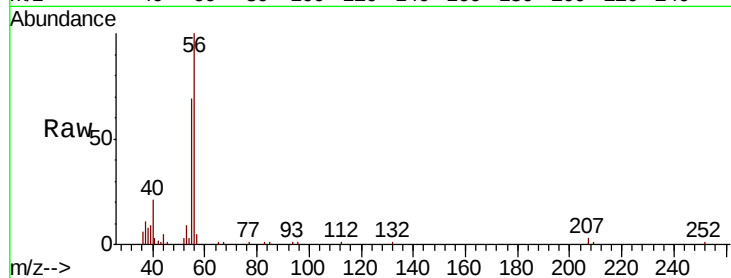
VW0308SBS01

Tot Ion: 56 Resp: 21220

Ion Ratio Lower Upper

56 100

55 73.2 56.6 84.8



#14

Allyl chloride

Concen: 19.222 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

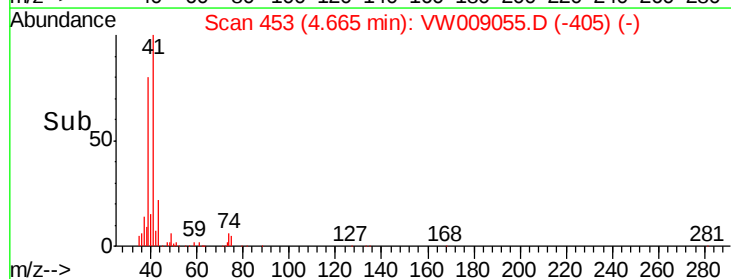
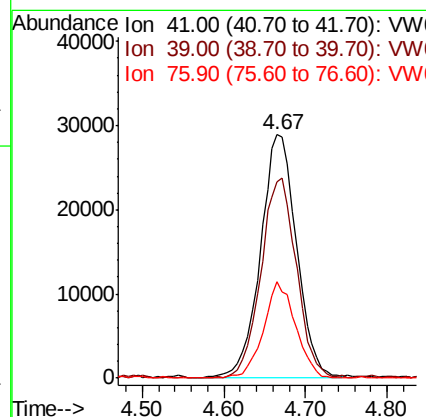
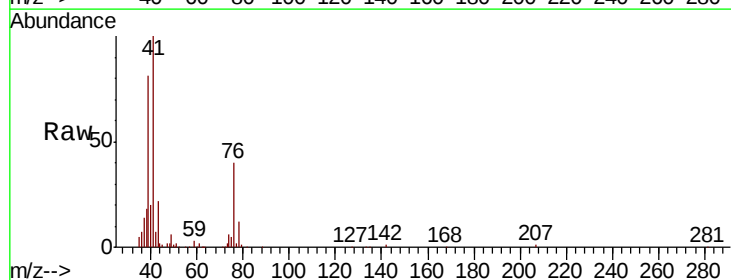
Tgt Ion: 41 Resp: 89166

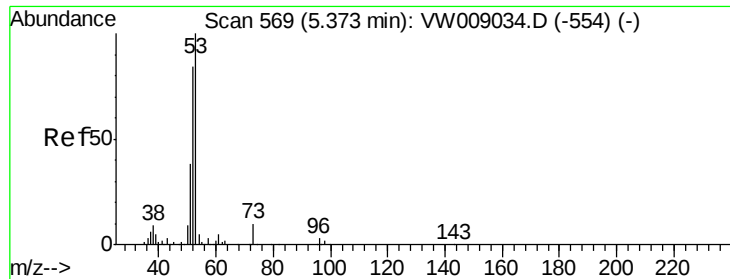
Ion Ratio Lower Upper

41 100

39 81.0 63.0 94.4

76 35.2 28.2 42.2





#15

Acrylonitrile

Concen: 83.773 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

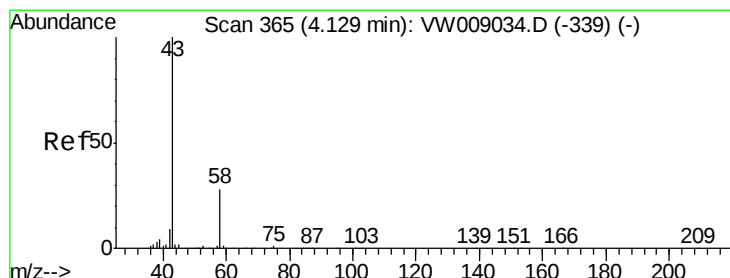
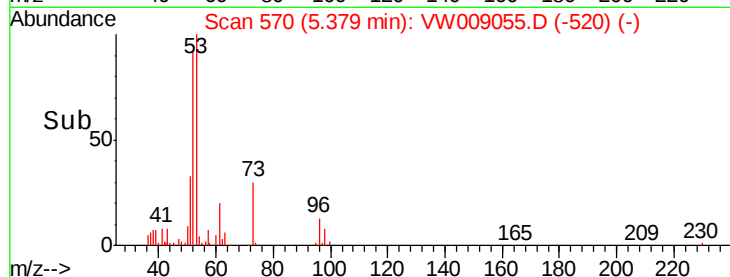
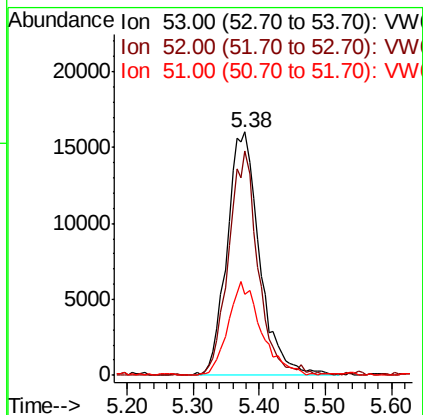
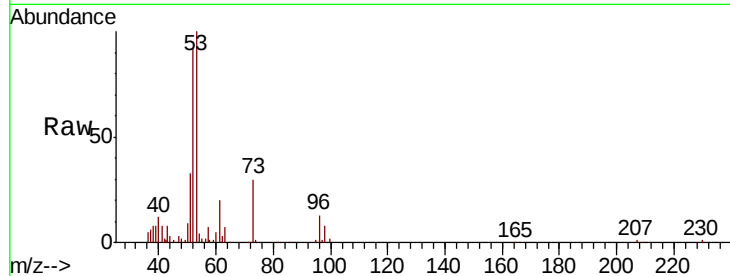
Tot Ion: 53 Resp: 54723

Ion Ratio Lower Upper

53 100

52 82.1 67.2 100.8

51 39.2 31.8 47.6



#16

Acetone

Concen: 88.515 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009055.D

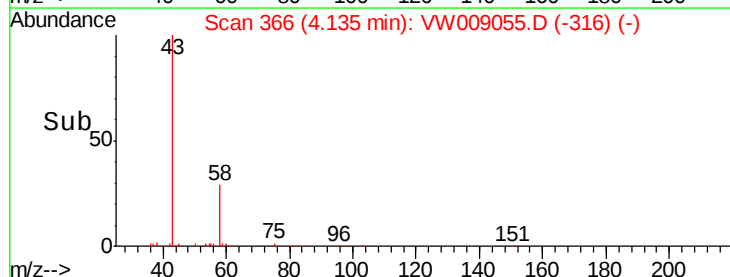
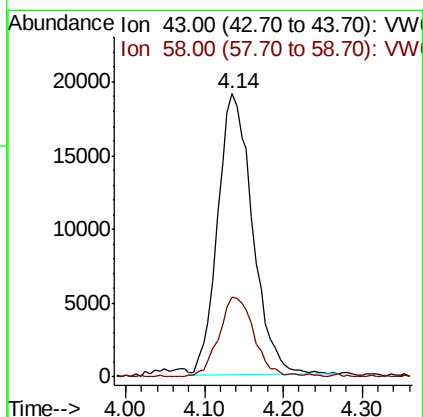
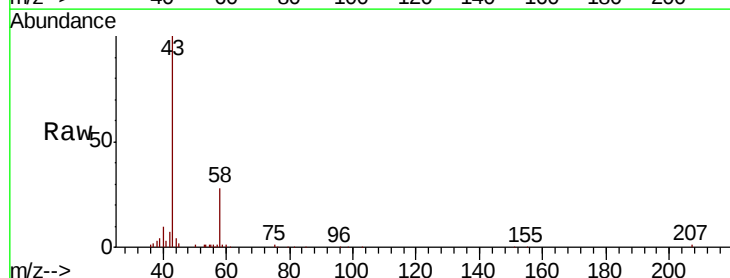
Acq: 08 Mar 2019 15:28

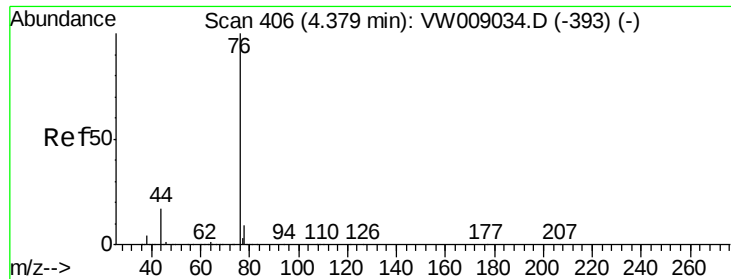
Tgt Ion: 43 Resp: 58801

Ion Ratio Lower Upper

43 100

58 27.5 22.5 33.7

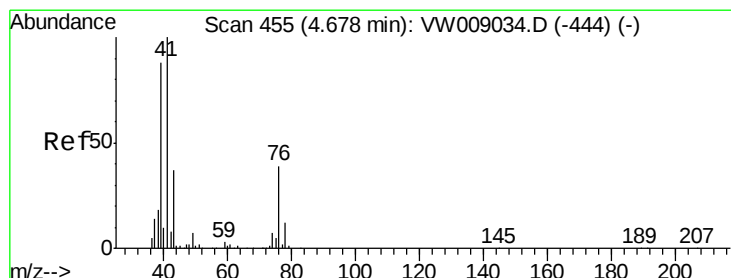
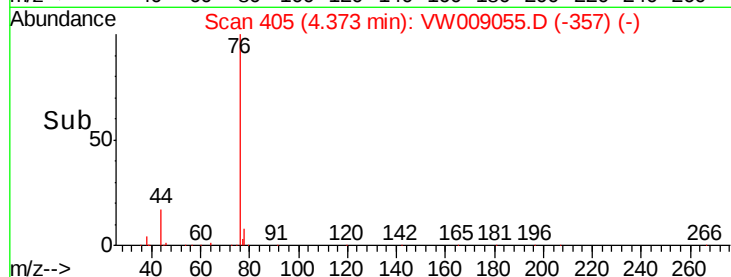
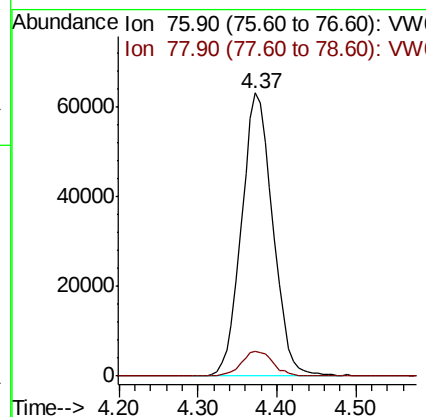
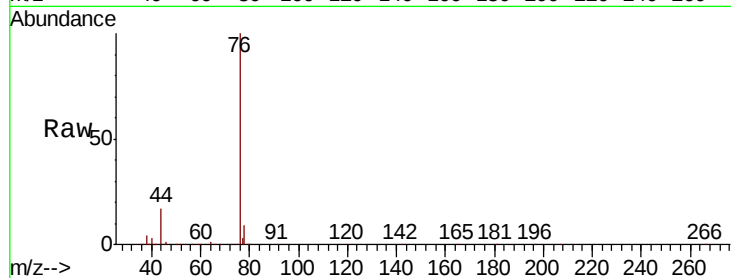




#17
Carbon Disulfide
Concen: 19.680 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

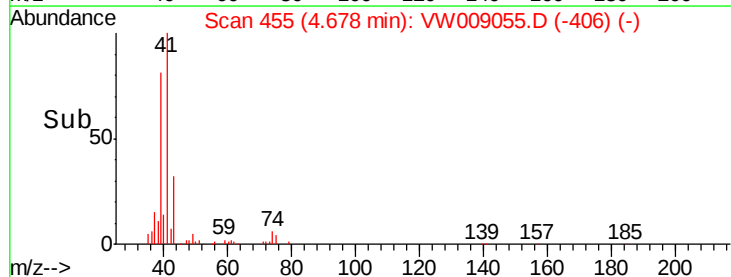
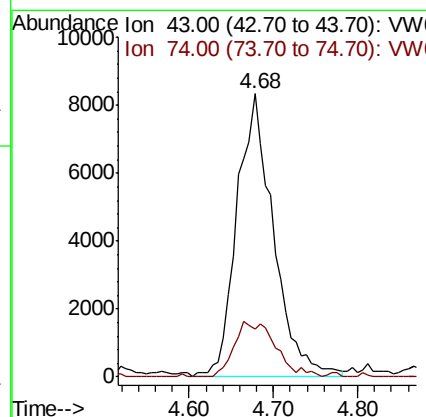
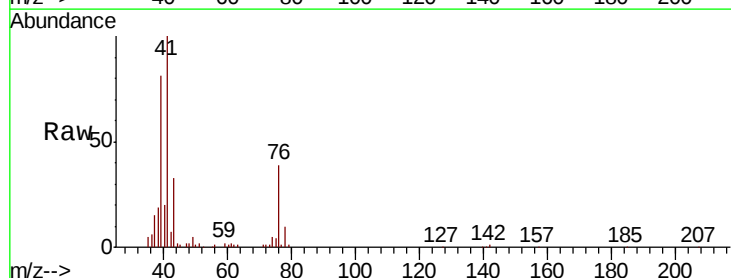
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

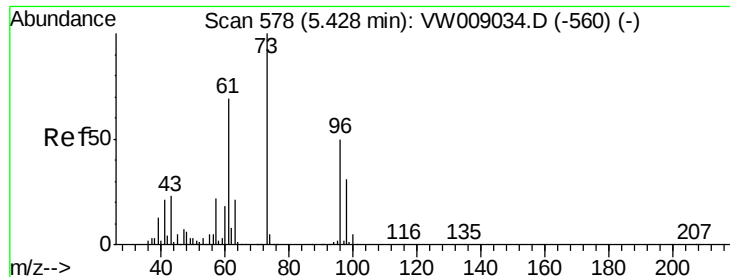
Tot Ion: 76 Resp: 174126
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 16.182 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 43 Resp: 24720
Ion Ratio Lower Upper
43 100
74 20.9 17.6 26.4



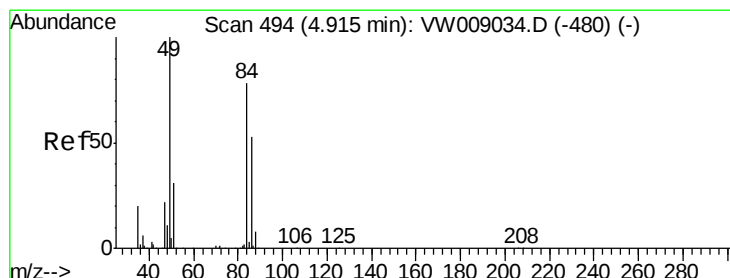
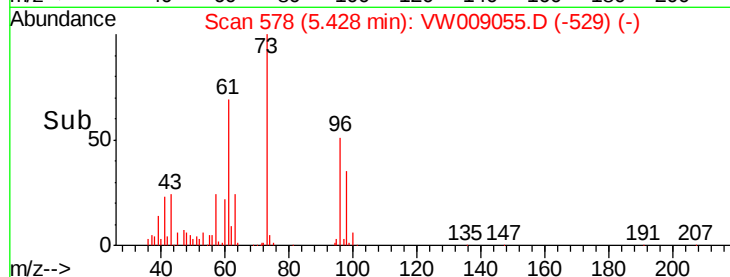
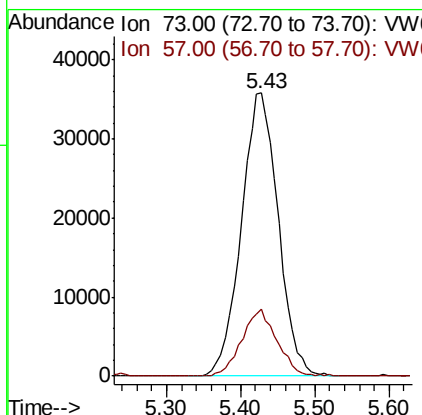
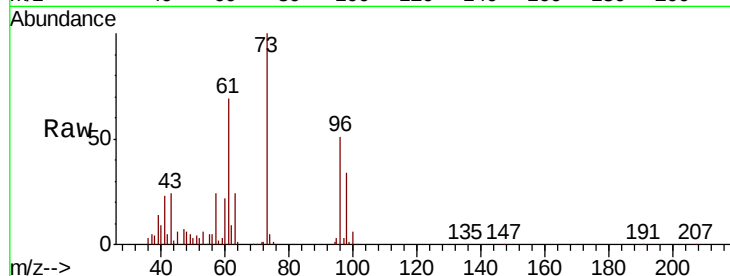


#19

Methyl tert-butyl Ether
 Concen: 17.862 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

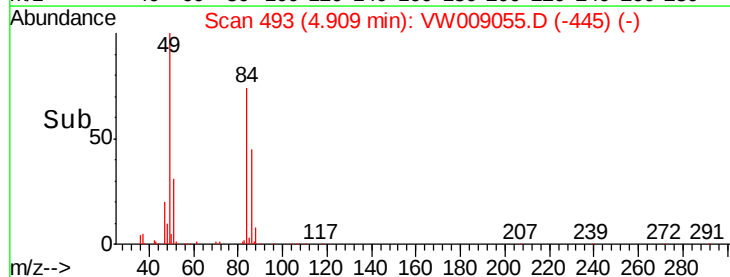
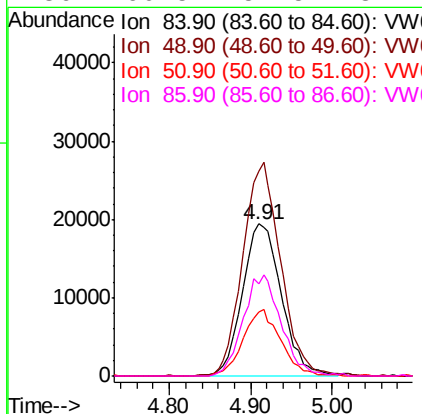
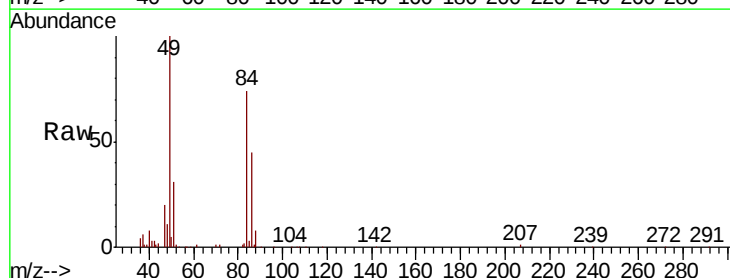
Tot Ion: 73 Resp: 124258
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.3 25.9

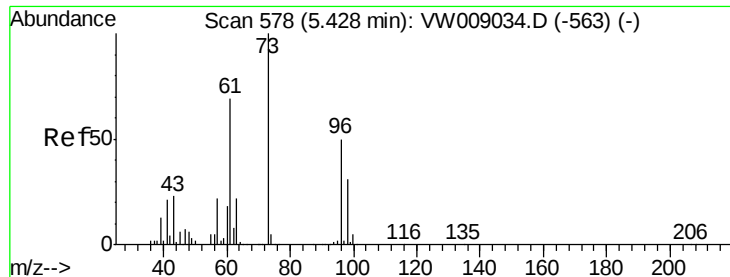


#20

Methylene Chloride
 Concen: 17.139 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Tgt Ion: 84 Resp: 64703
 Ion Ratio Lower Upper
 84 100
 49 134.8 102.4 153.6
 51 42.1 31.6 47.4
 86 60.5 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 19.261 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

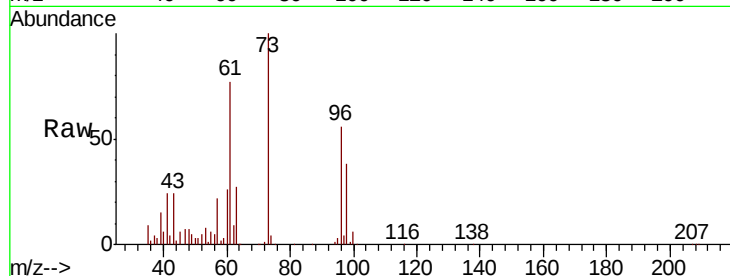
Tot Ion: 96 Resp: 58485

Ion Ratio Lower Upper

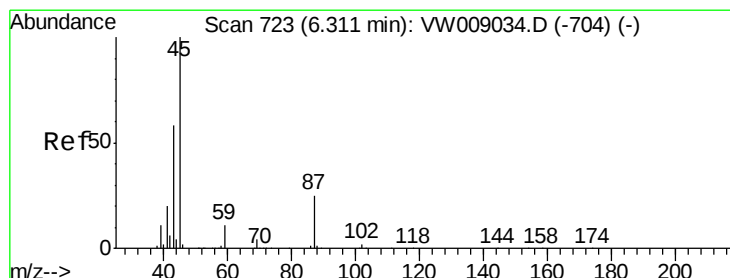
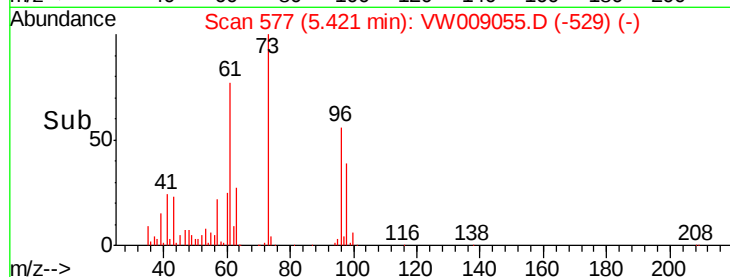
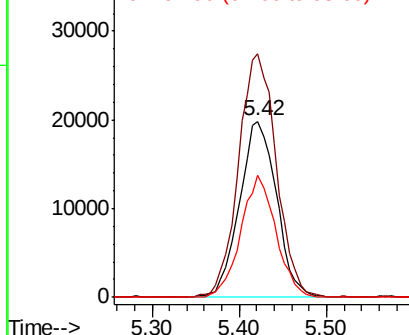
96 100

61 138.4 111.0 166.6

98 69.1 49.4 74.0



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



#22

Diisopropyl ether

Concen: 19.187 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Tgt Ion: 45 Resp: 176871

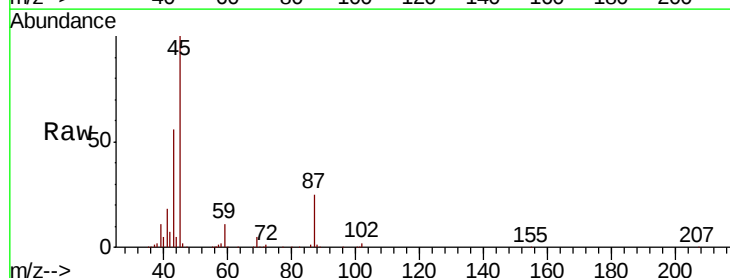
Ion Ratio Lower Upper

45 100

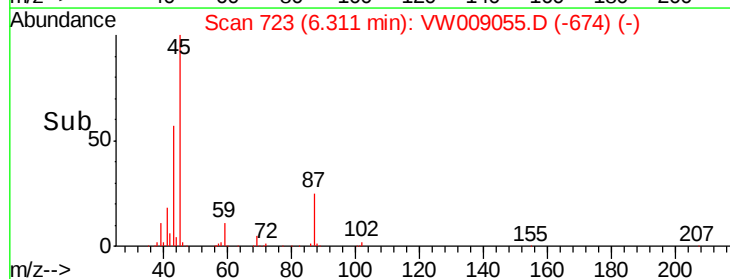
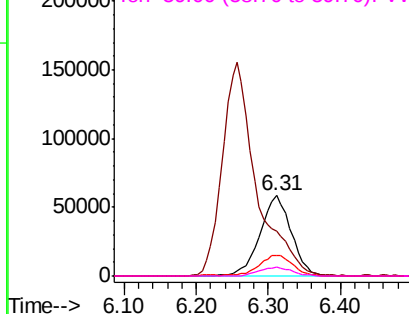
43 56.2 46.2 69.4

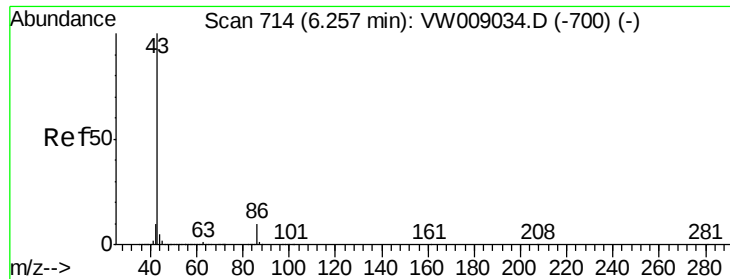
87 25.3 20.1 30.1

59 11.2 8.4 12.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 89.395 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

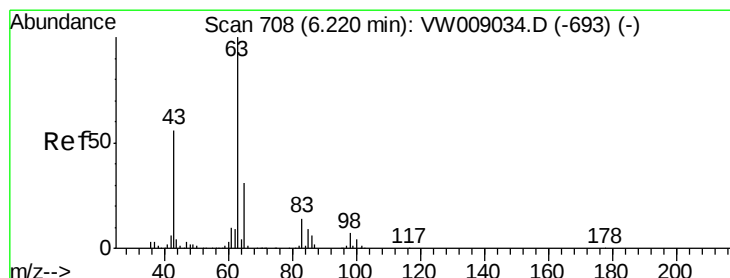
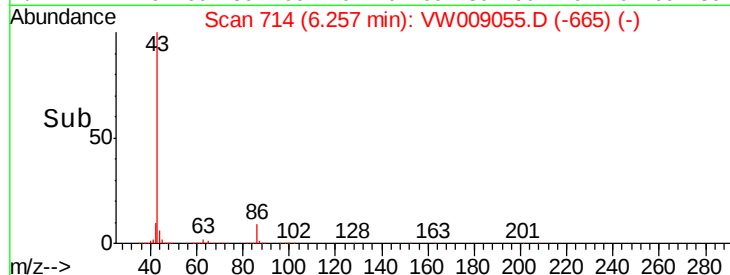
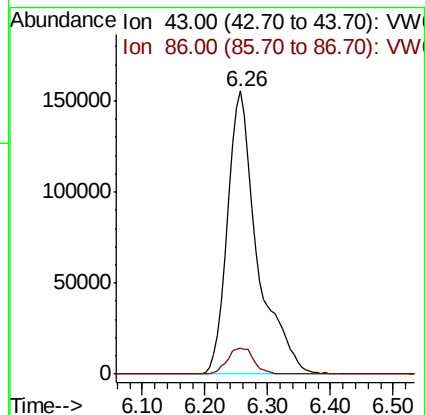
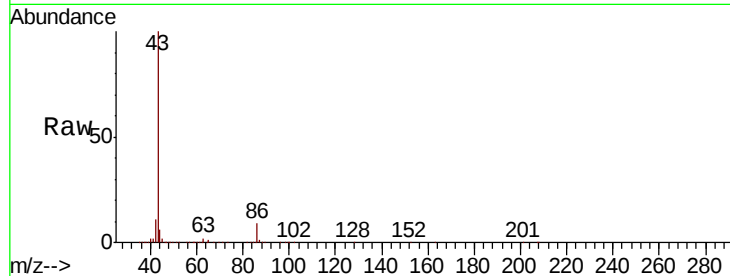
VW0308SBS01

Tot Ion: 43 Resp: 512810

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



#24

1,1-Dichloroethane

Concen: 19.595 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

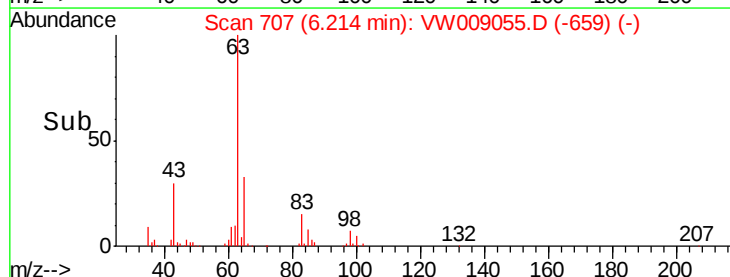
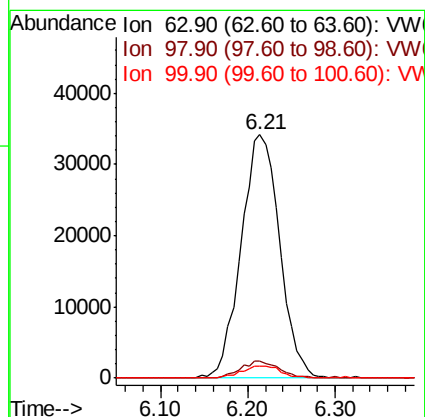
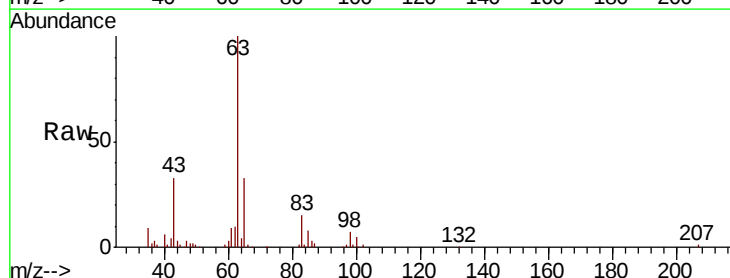
Tgt Ion: 63 Resp: 104769

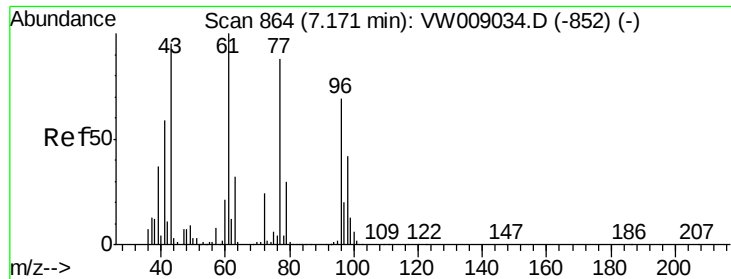
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.9 2.1 6.2





#25

2-Butanone

Concen: 82.822 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampled :

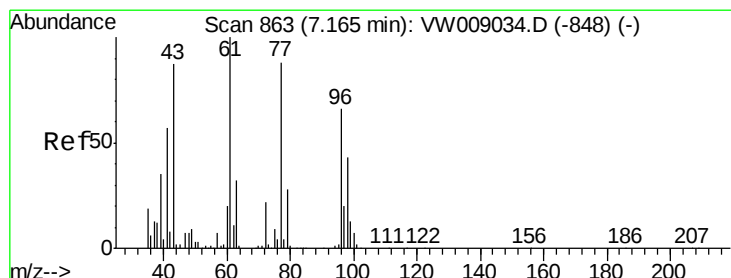
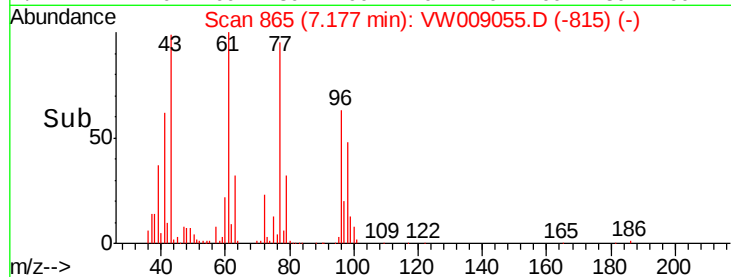
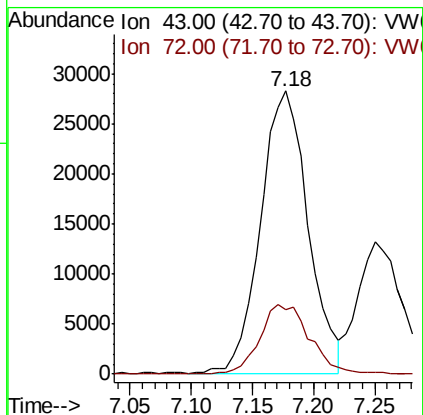
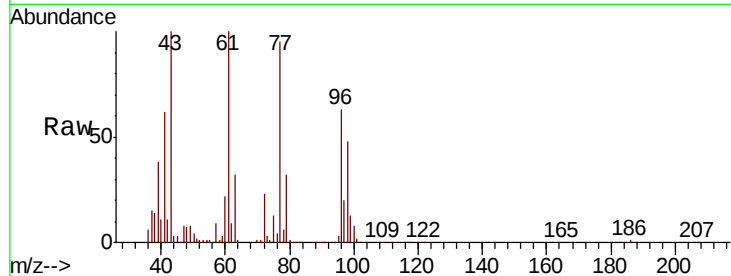
VW0308SBS01

Tot Ion: 43 Resp: 76038

Ion Ratio Lower Upper

43 100

72 22.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 19.897 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW009055.D

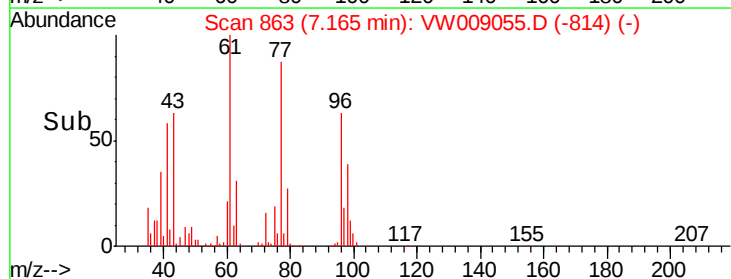
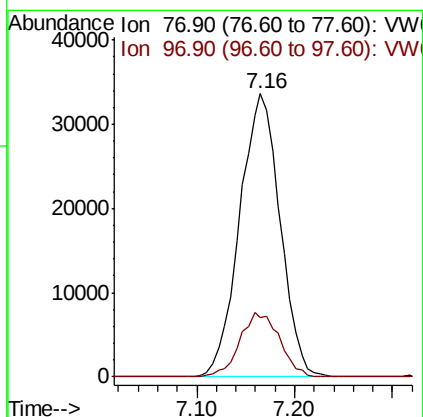
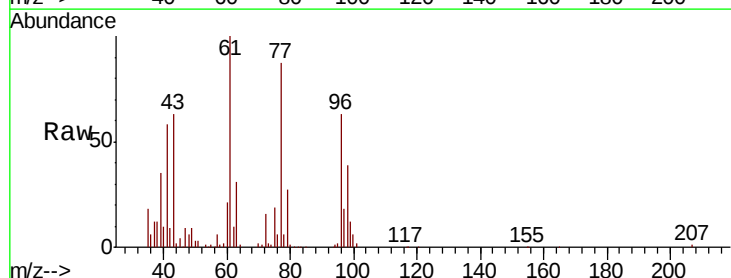
Acq: 08 Mar 2019 15:28

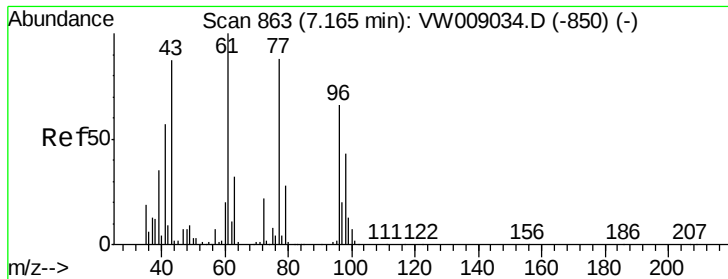
Tgt Ion: 77 Resp: 96700

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9



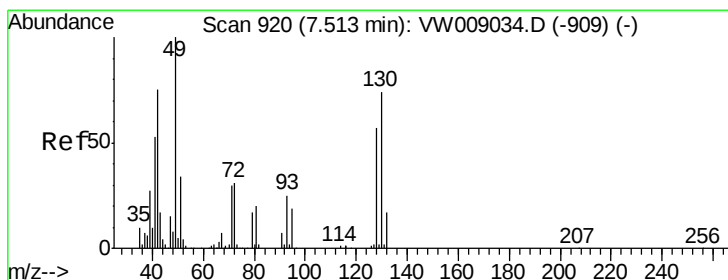
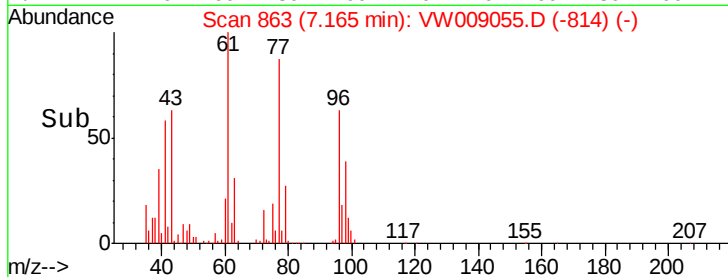
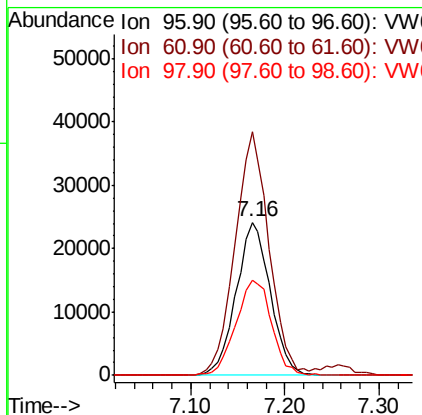
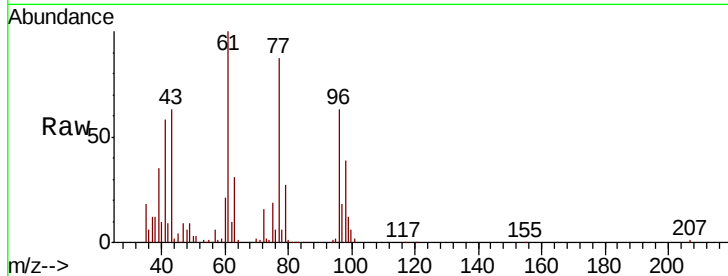


#27

cis-1,2-Dichloroethene
 Concen: 18.737 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

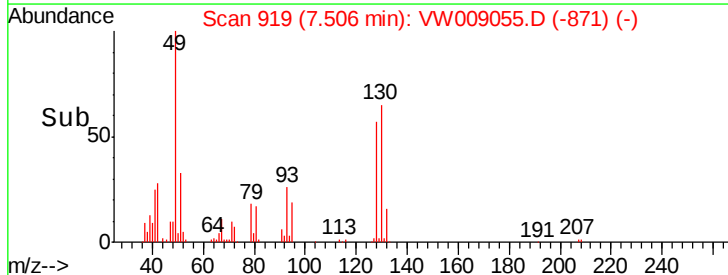
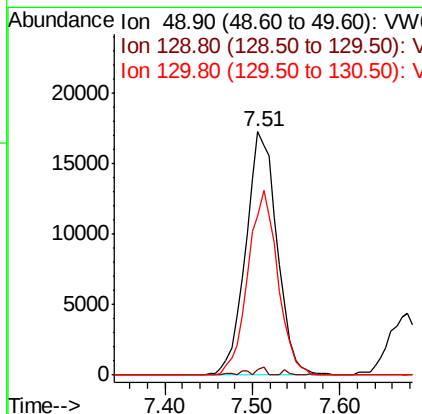
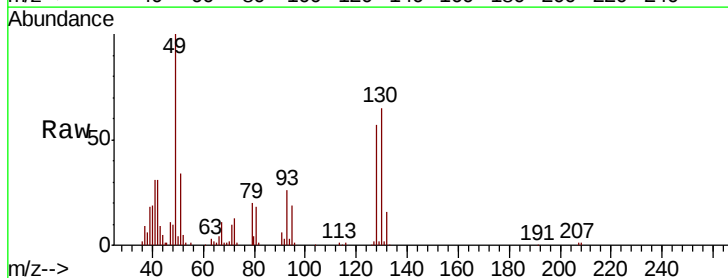
Tot Ion	96	Resp	61104
Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	299.8
98	64.6	0.0	127.2

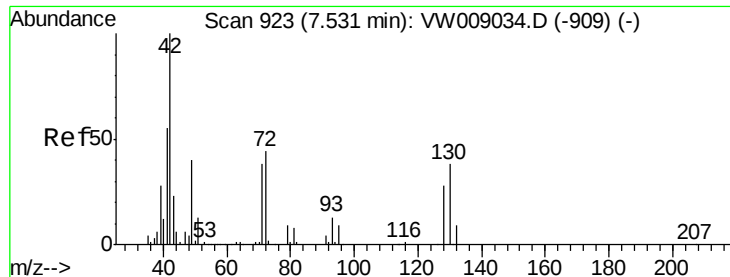


#28

Bromochloromethane
 Concen: 19.256 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Tgt Ion	49	Resp	42824
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.6
130	72.5	60.4	90.6

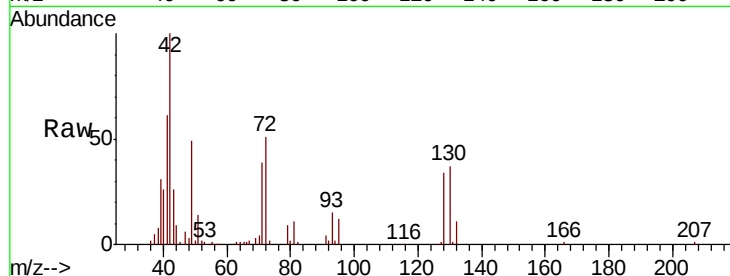




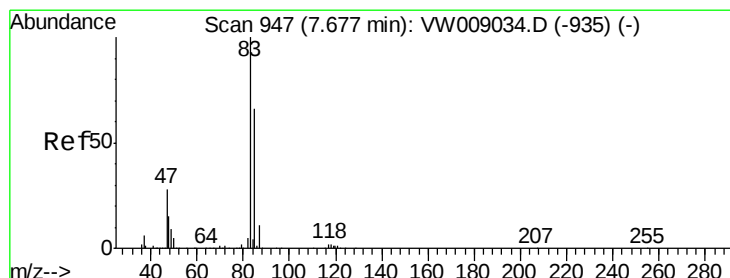
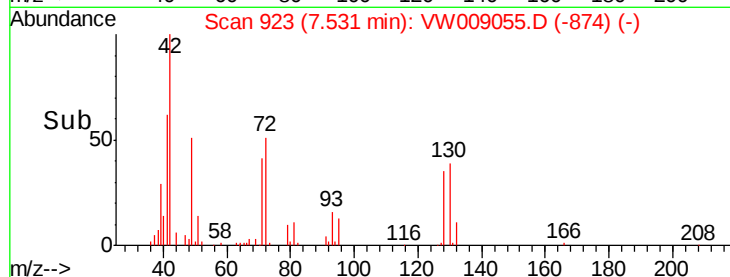
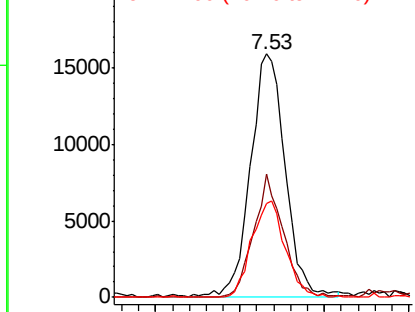
#29
Tetrahydrofuran
Concen: 76.677 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion: 42 Resp: 44362
Ion Ratio Lower Upper
42 100
72 43.6 32.2 48.4
71 38.4 30.7 46.1

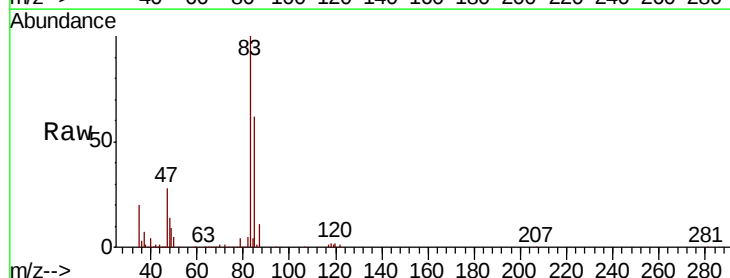


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

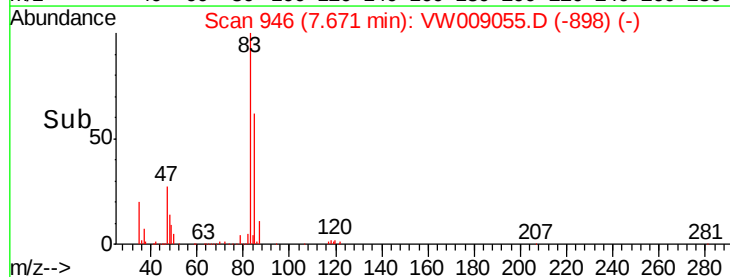
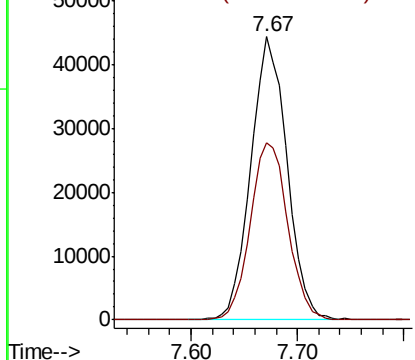


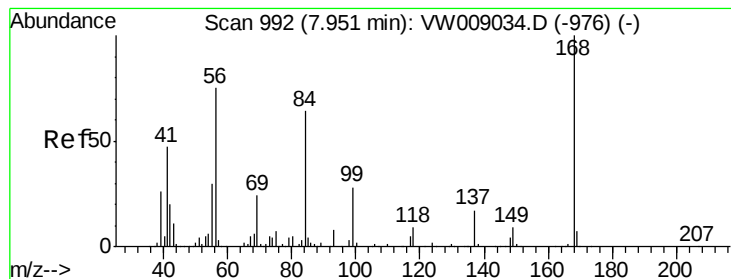
#30
Chloroform
Concen: 19.194 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 83 Resp: 105660
Ion Ratio Lower Upper
83 100
85 62.4 53.0 79.6



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





#31

Cyclohexane

Concen: 19.695 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

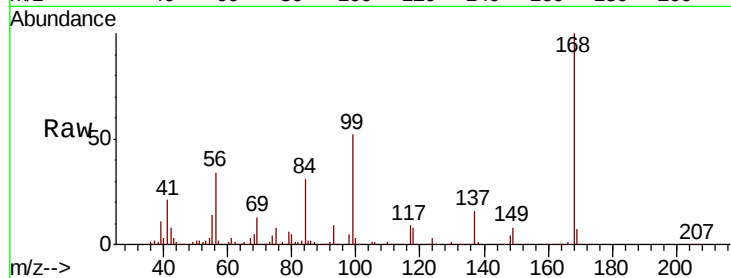
Tot Ion: 56 Resp: 108128

Ion Ratio Lower Upper

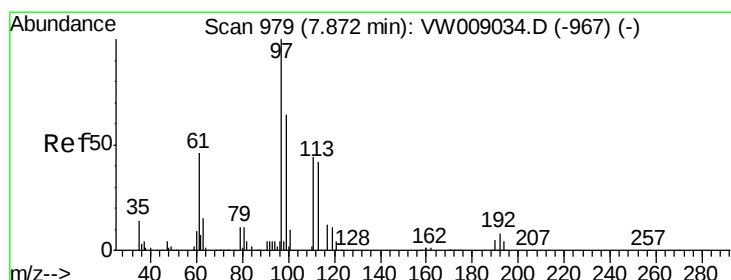
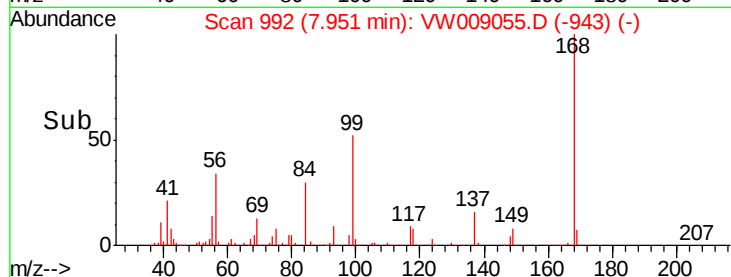
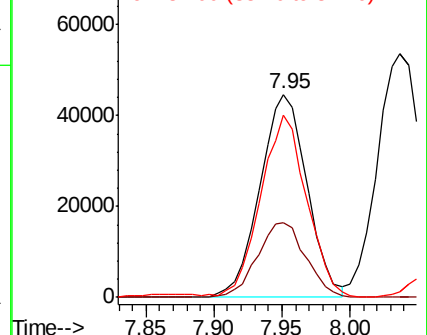
56 100

69 36.6 25.5 38.3

84 88.3 68.6 103.0



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



#32

1,1,1-Trichloroethane

Concen: 19.689 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

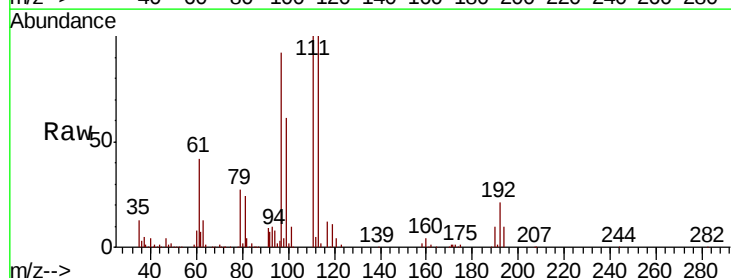
Tgt Ion: 97 Resp: 100025

Ion Ratio Lower Upper

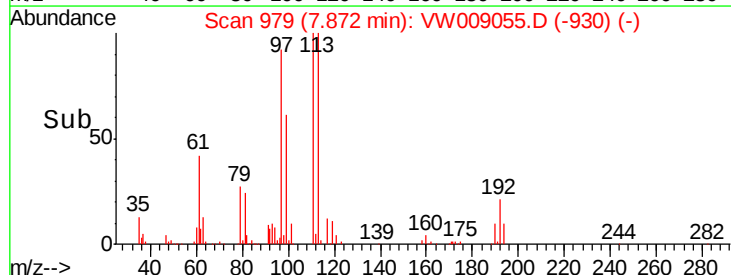
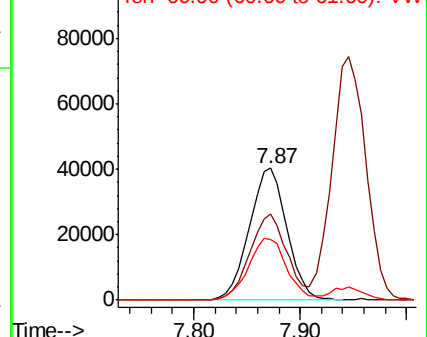
97 100

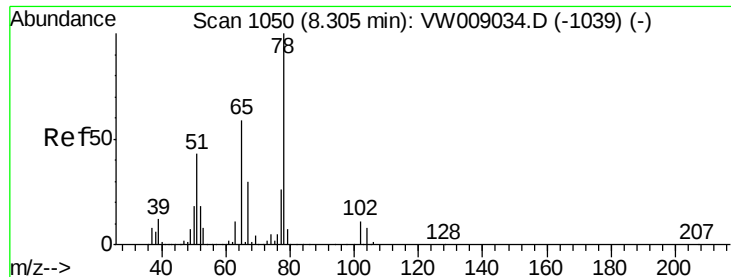
99 65.0 51.8 77.8

61 47.8 37.3 55.9



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

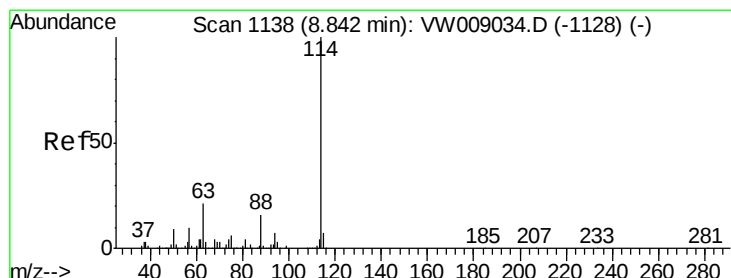
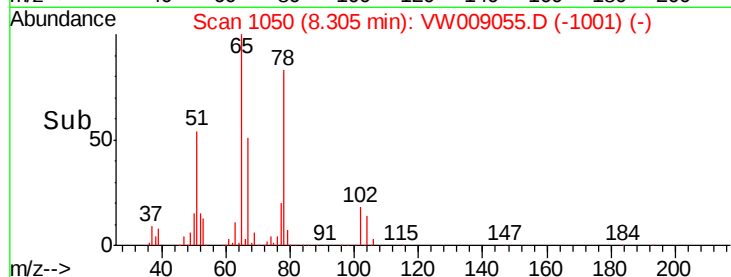
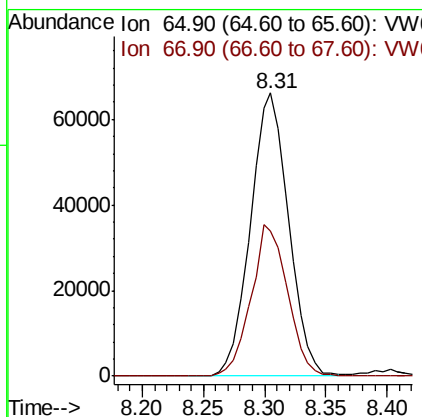
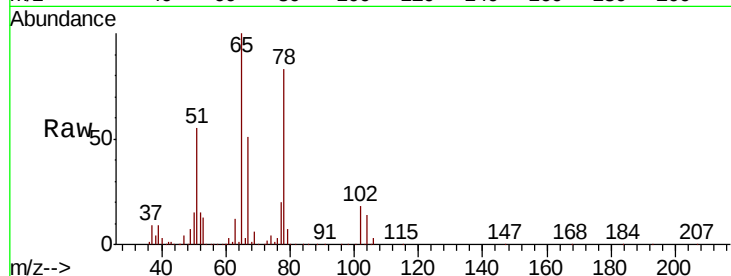




#33
 1,2-Dichloroethane-d4
 Concen: 48.783 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

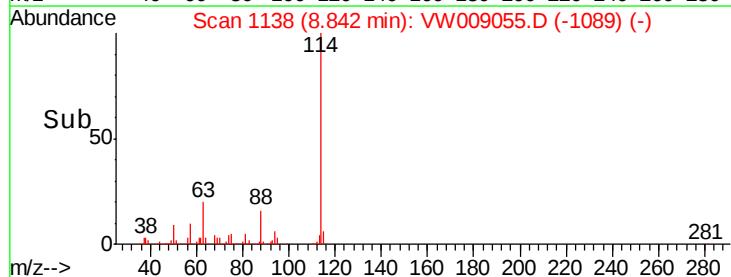
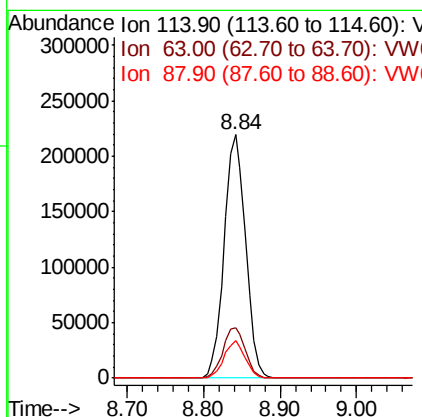
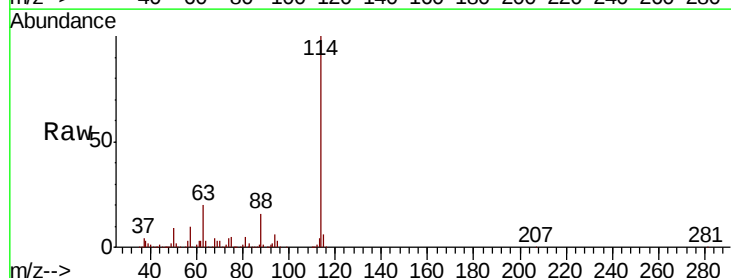
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

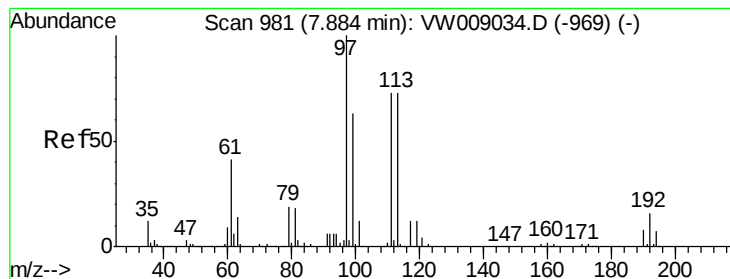
Tot Ion: 65 Resp: 143611
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Tgt Ion: 114 Resp: 425317
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.2
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.229 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

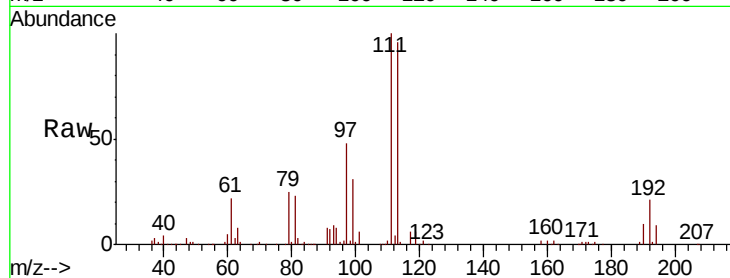
Tot Ion:113 Resp: 126065

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

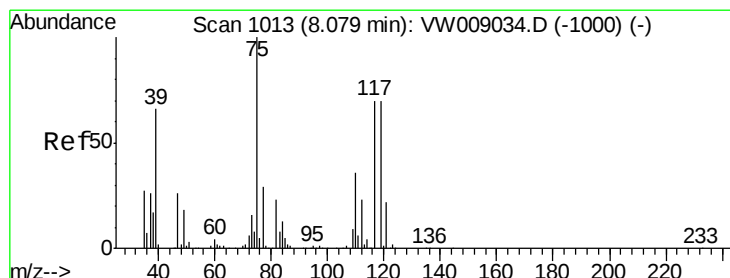
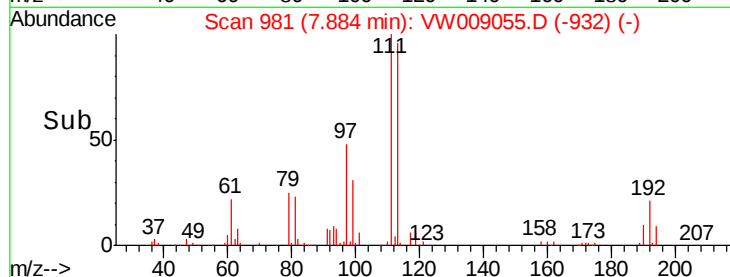
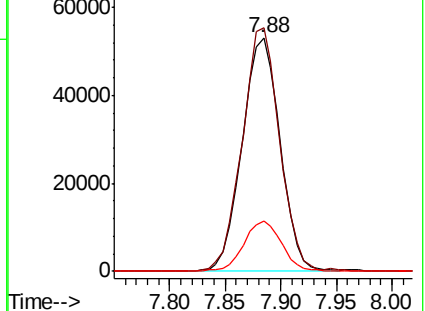
192 21.2 17.1 25.7



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: 19.683 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

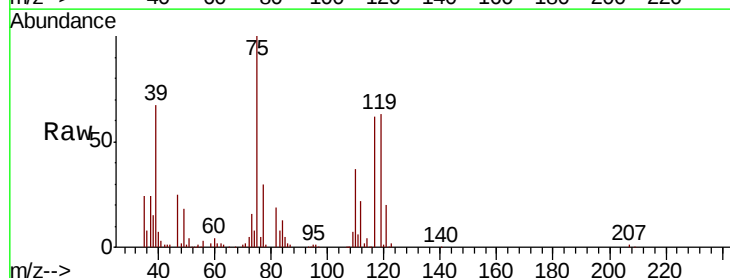
Tgt Ion: 75 Resp: 87536

Ion Ratio Lower Upper

75 100

110 34.8 17.6 52.9

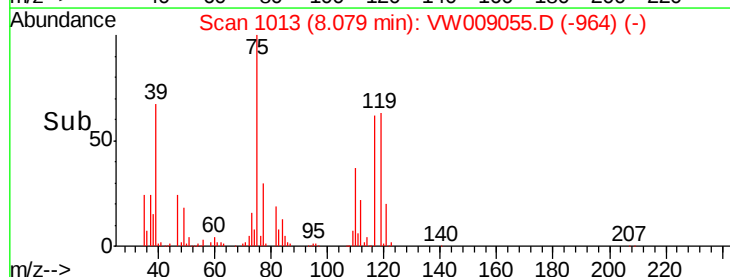
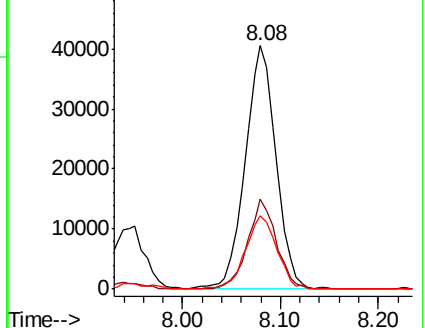
77 31.2 25.1 37.7

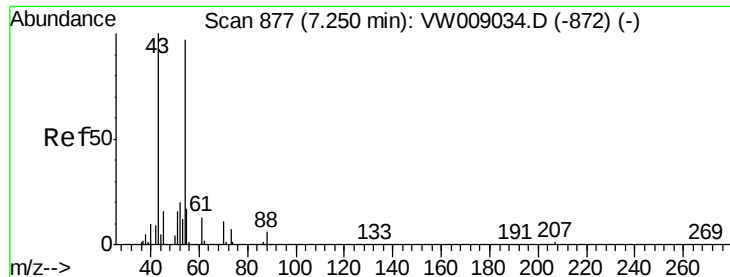


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

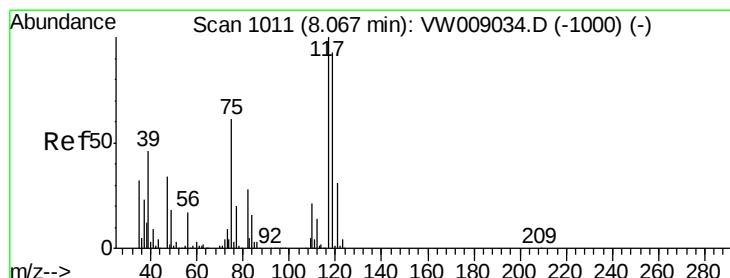
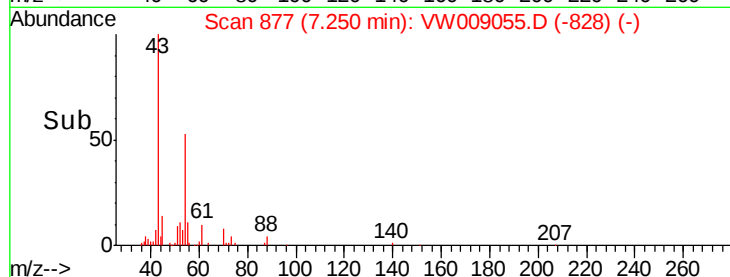
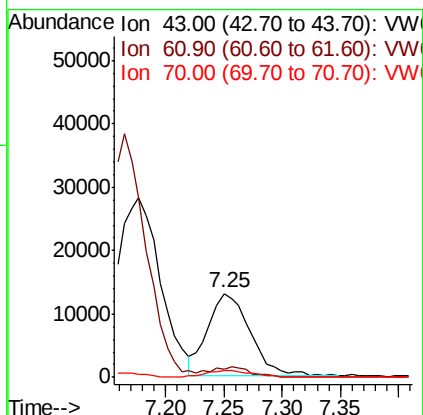
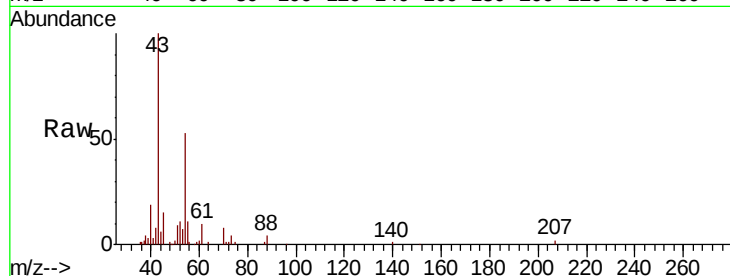




#37
Ethyl Acetate
Concen: 15.706 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

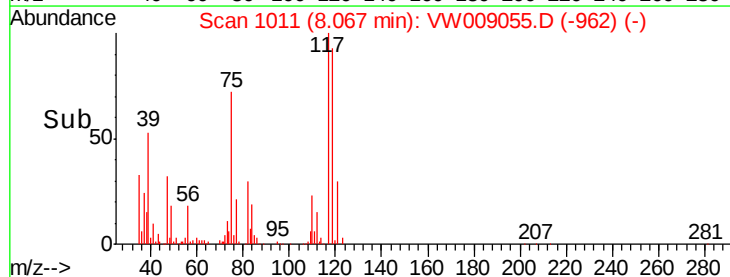
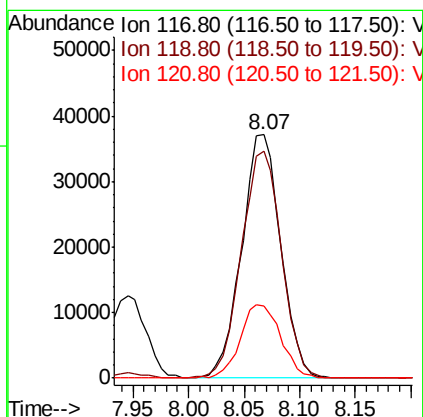
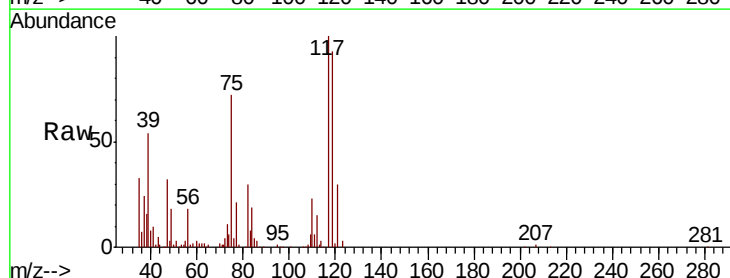
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

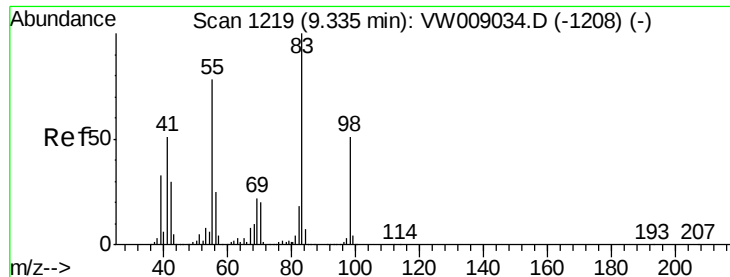
Tot Ion: 43 Resp: 32808
Ion Ratio Lower Upper
43 100
61 12.3 9.8 14.6
70 9.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.814 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 117 Resp: 91001
Ion Ratio Lower Upper
117 100
119 93.4 74.6 112.0
121 29.7 24.7 37.1

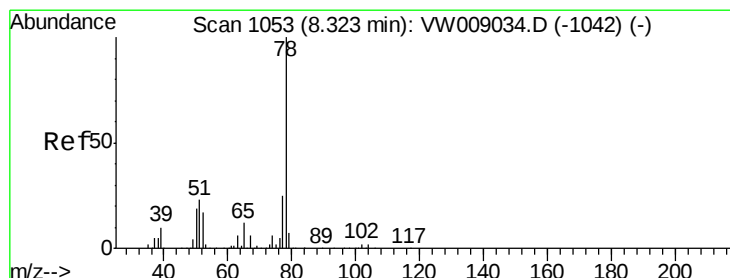
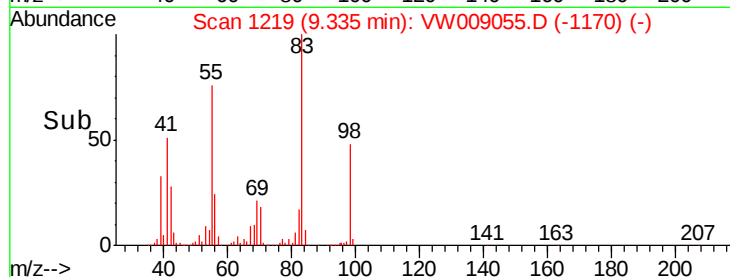
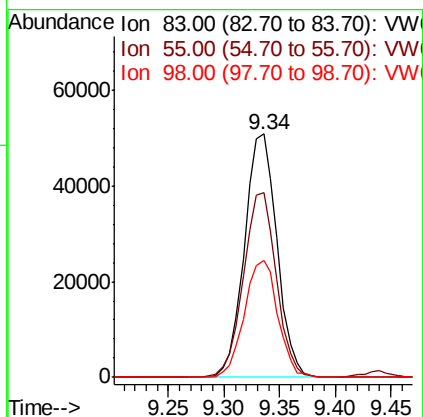
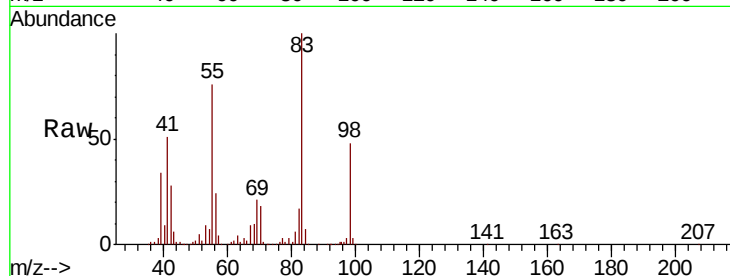




#39
Methvlcvclohexane
Concen: 19.512 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

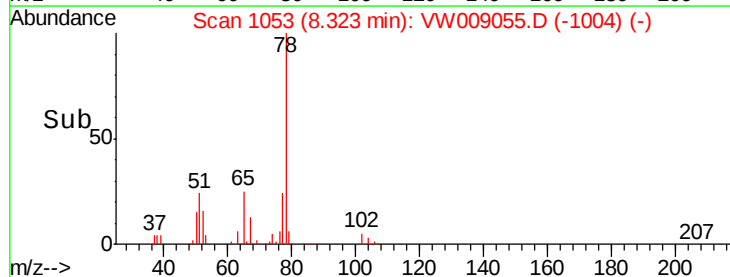
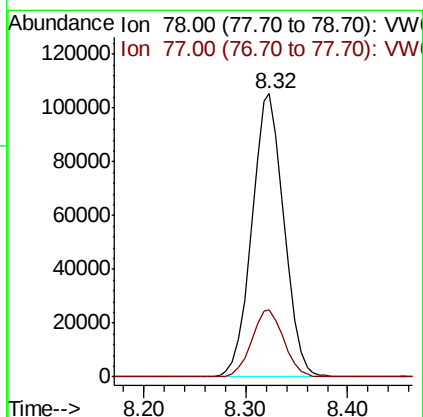
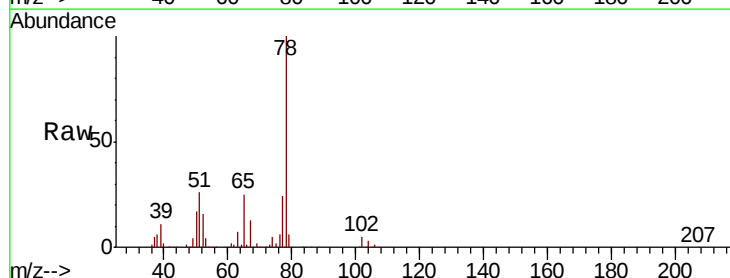
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

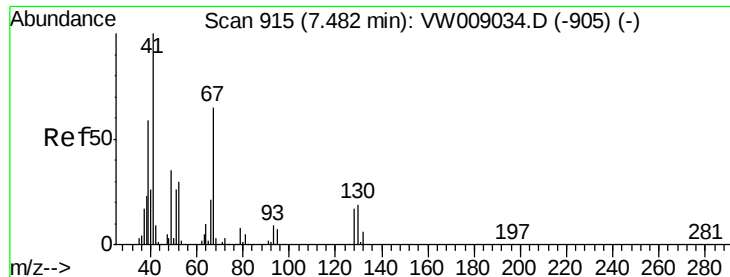
Tot Ion: 83 Resp: 103356
Ion Ratio Lower Upper
83 100
55 76.1 62.7 94.1
98 47.8 40.8 61.2



#40
Benzene
Concen: 19.405 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 78 Resp: 230371
Ion Ratio Lower Upper
78 100
77 23.7 20.2 30.4

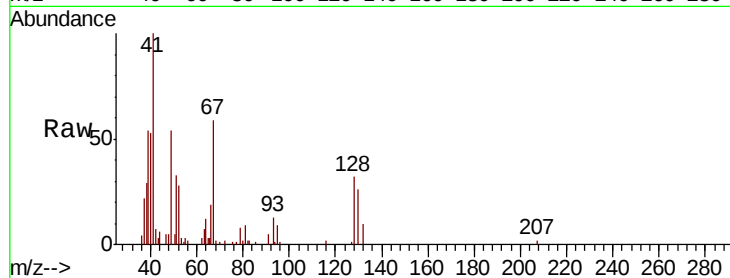




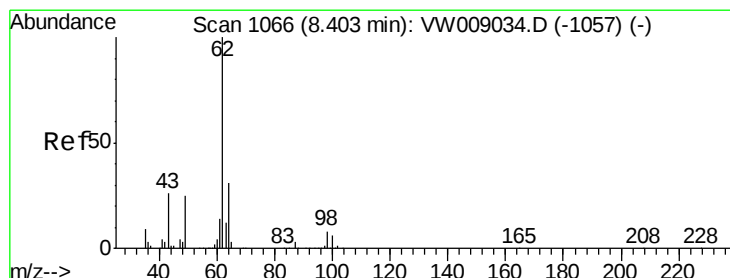
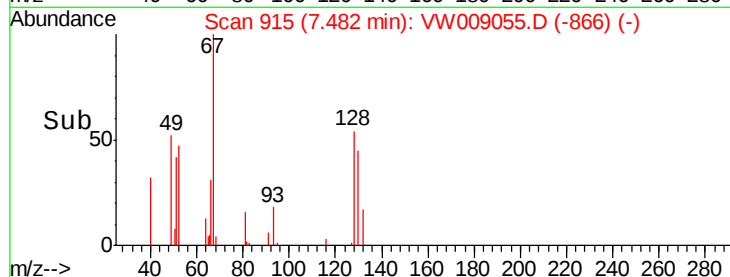
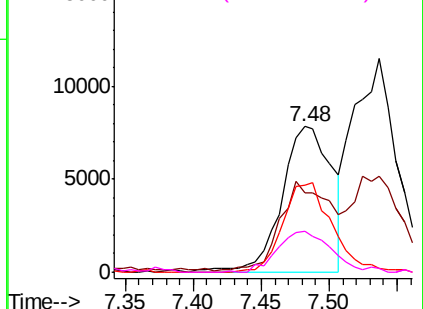
#41
Methacrylonitrile
Concen: 17.278 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion:	41	Resp:	20042
Ion	Ratio	Lower	Upper
41	100		
39	60.4	53.6	80.4
67	60.4	57.6	86.4
52	30.6	26.0	39.0

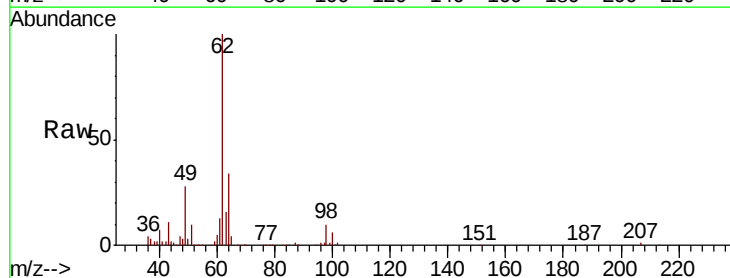


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

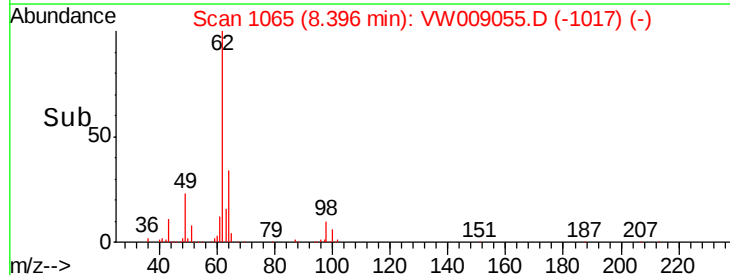
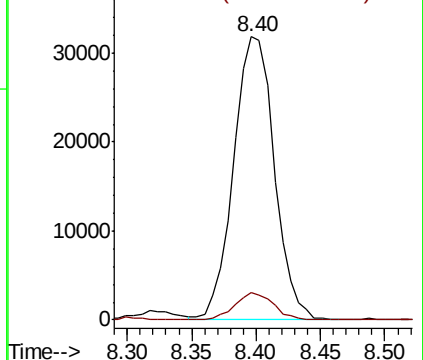


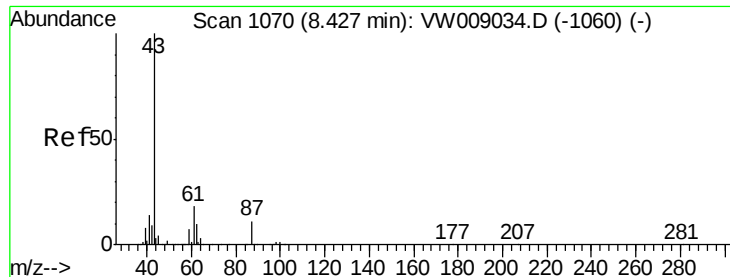
#42
1,2-Dichloroethane
Concen: 18.252 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion:	62	Resp:	69953
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 16.495 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

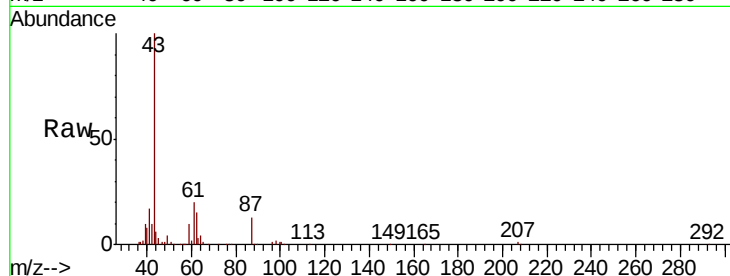
Tot Ion: 43 Resp: 64174

Ion Ratio Lower Upper

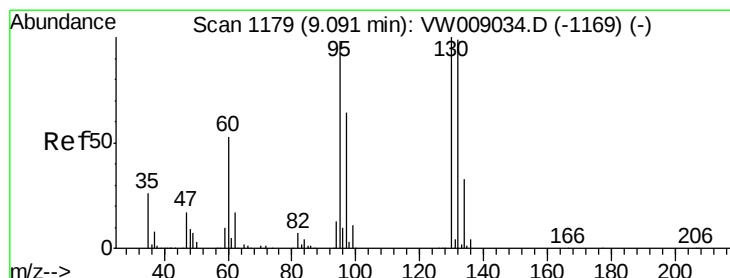
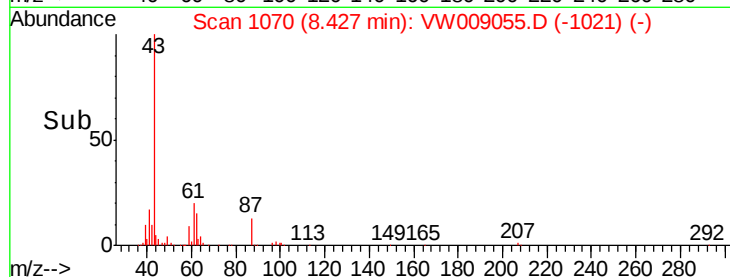
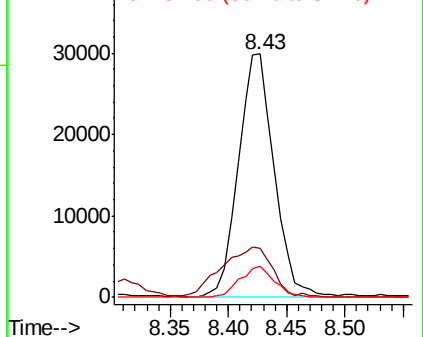
43 100

61 29.5 22.8 34.2

87 12.3 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: 19.600 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW009055.D

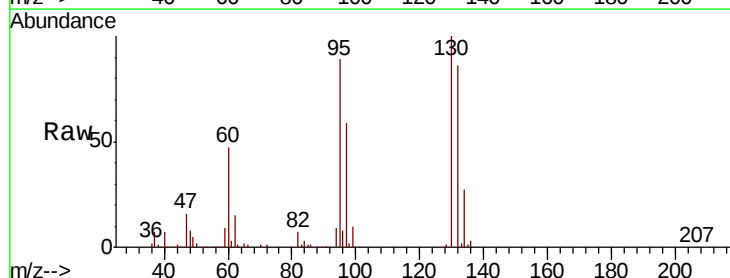
Acq: 08 Mar 2019 15:28

Tgt Ion: 130 Resp: 65215

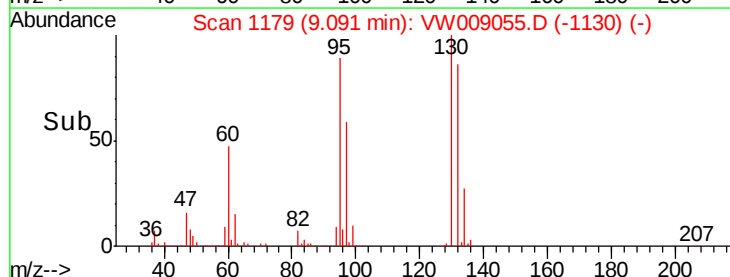
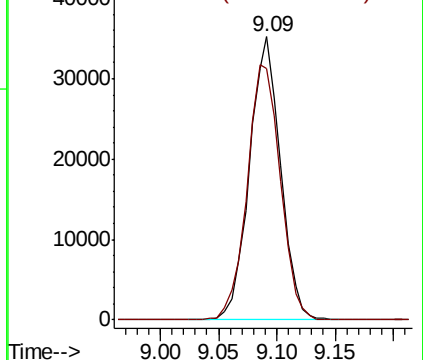
Ion Ratio Lower Upper

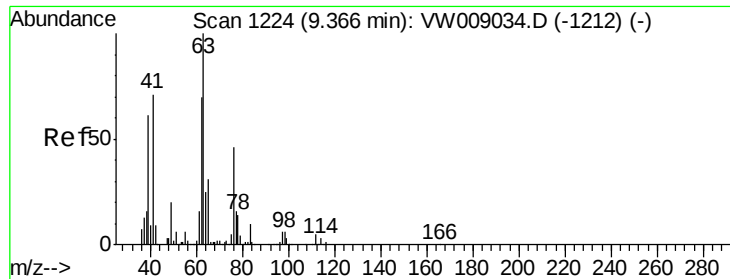
130 100

95 89.0 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: 19.075 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

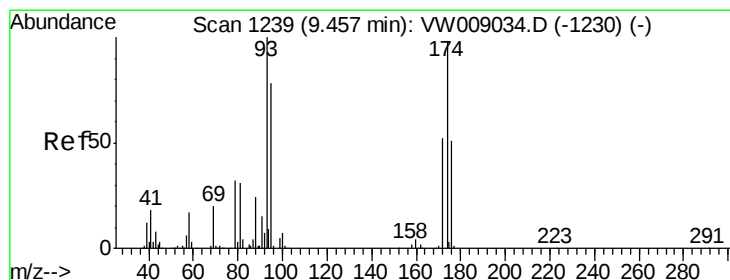
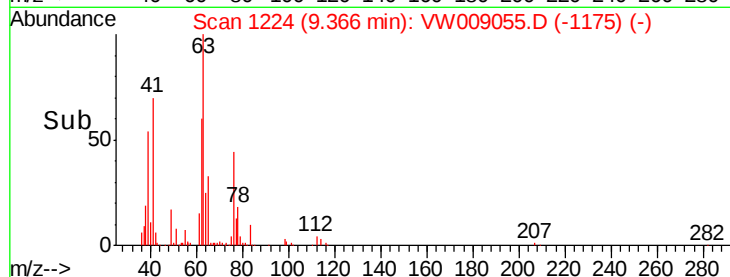
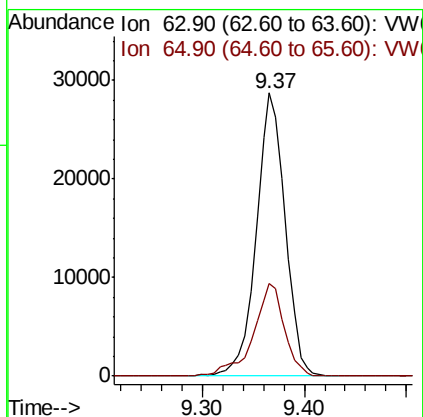
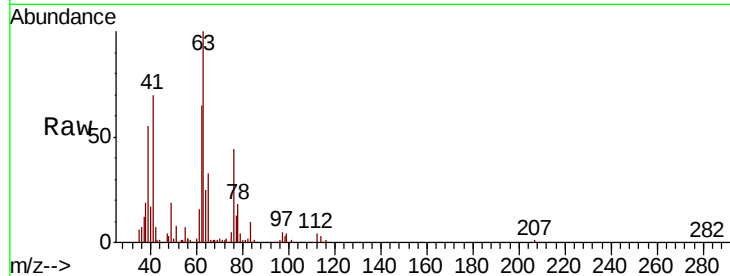
VW0308SBS01

Tot Ion: 63 Resp: 56715

Ion Ratio Lower Upper

63 100

65 32.9 24.9 37.3



#46

Dibromomethane

Concen: 17.480 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

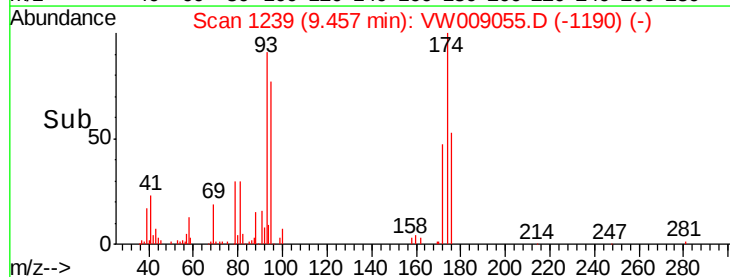
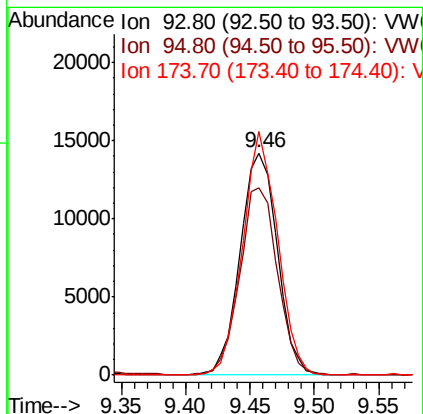
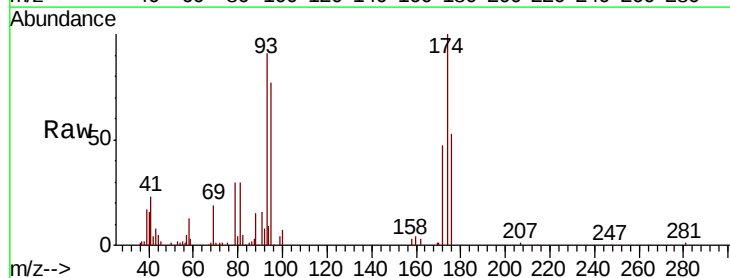
Tgt Ion: 93 Resp: 28384

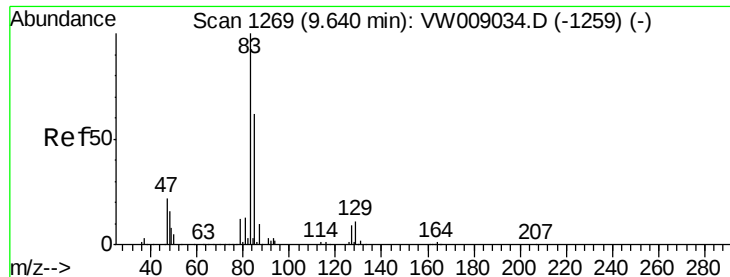
Ion Ratio Lower Upper

93 100

95 85.9 65.0 97.6

174 102.9 81.8 122.6





#47

Bromodichloromethane

Concen: 18.644 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

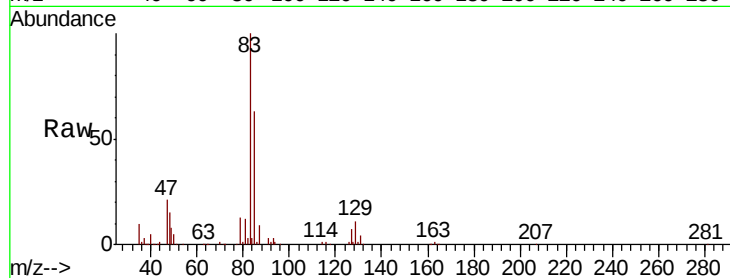
Tot Ion: 83 Resp: 76637

Ion Ratio Lower Upper

83 100

85 62.8 49.9 74.9

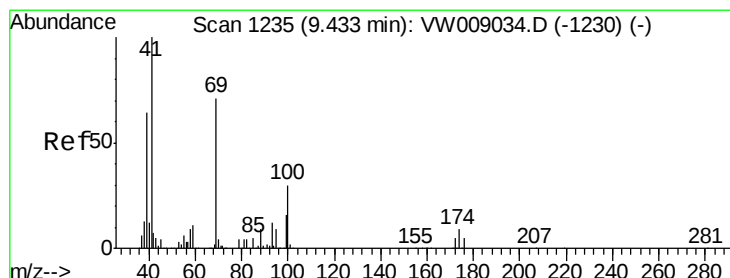
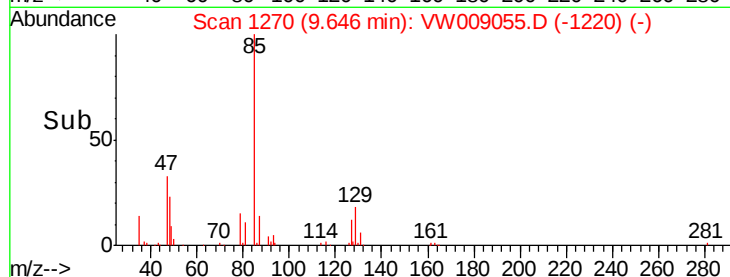
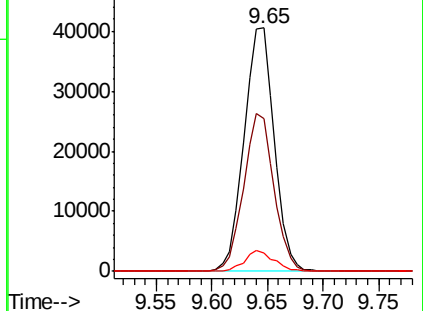
127 7.5 7.1 10.7



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): VW



#48

Methyl methacrylate

Concen: 17.805 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

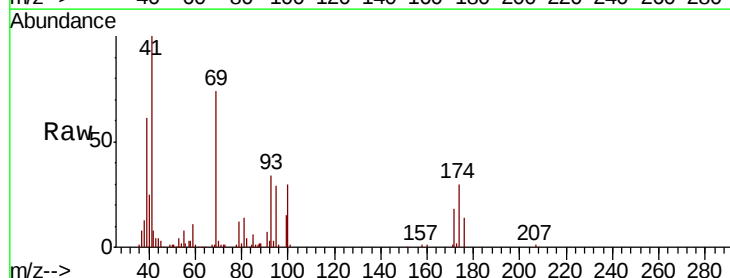
Tgt Ion: 41 Resp: 32255

Ion Ratio Lower Upper

41 100

69 72.9 59.1 88.7

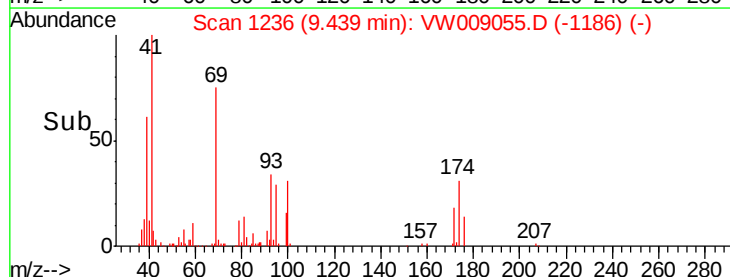
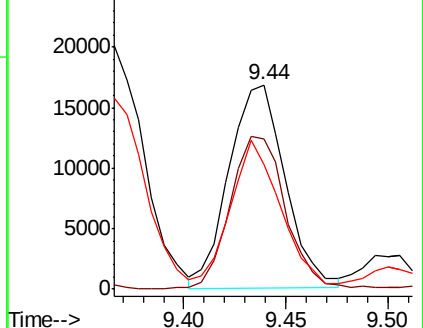
39 60.3 48.9 73.3

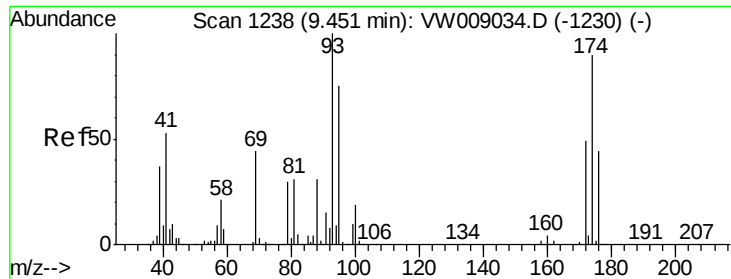


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

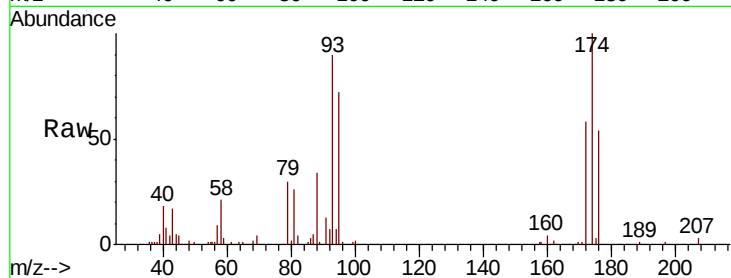




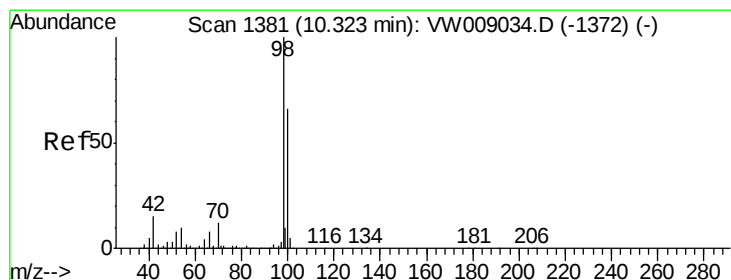
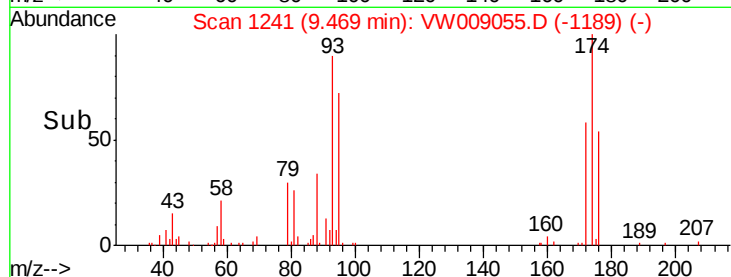
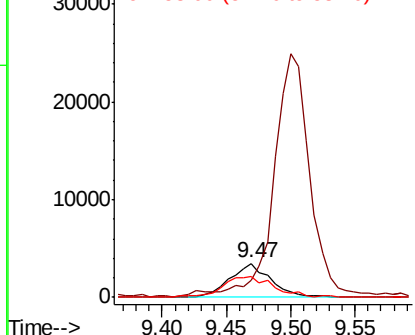
#49
1,4-Dioxane
Concen: 326.023 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion: 88 Resp: 7581
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 78.5 59.2 88.8

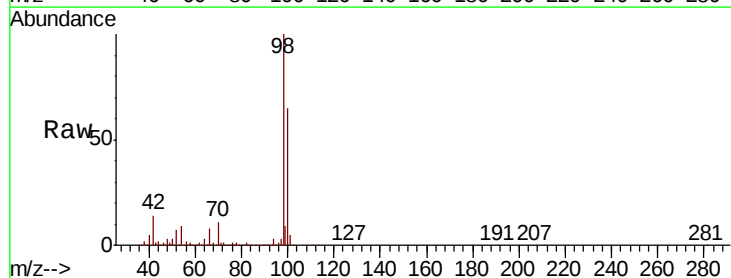


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

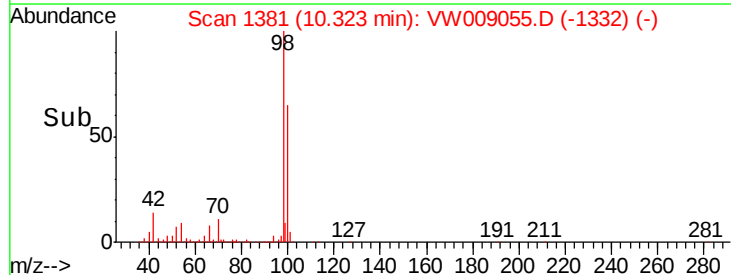
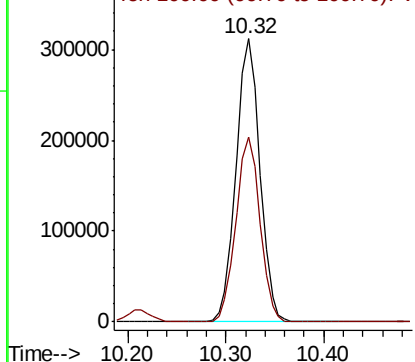


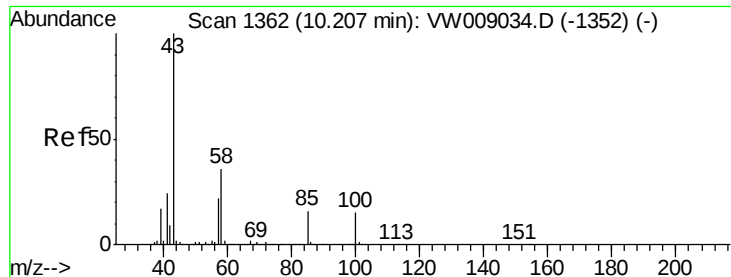
#50
Toluene-d8
Concen: 50.340 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 98 Resp: 529449
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



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

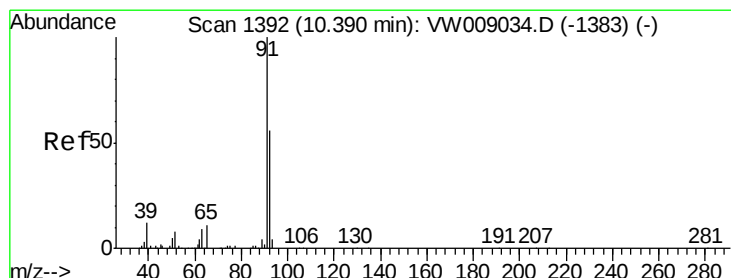
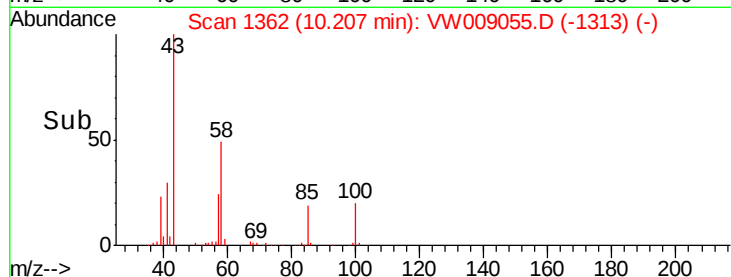
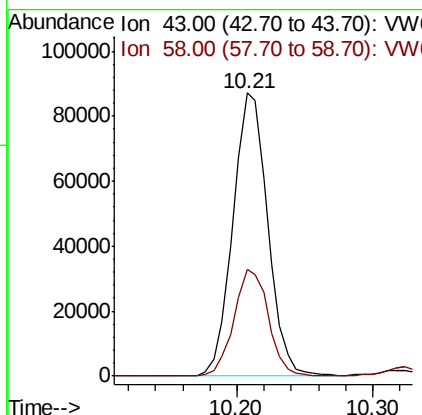
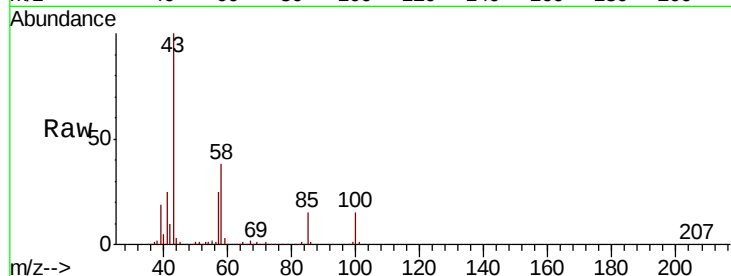




#51
4-Methyl-2-Pentanone
Concen: 78.912 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

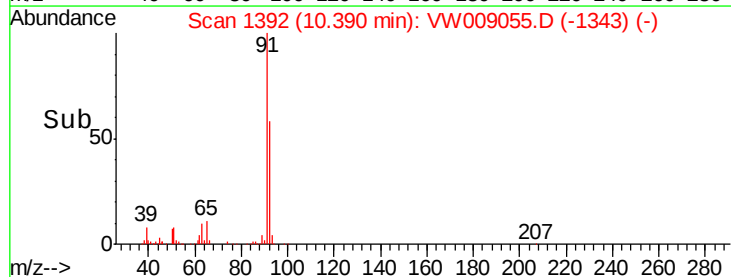
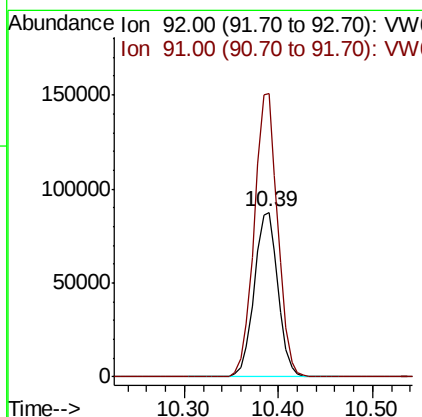
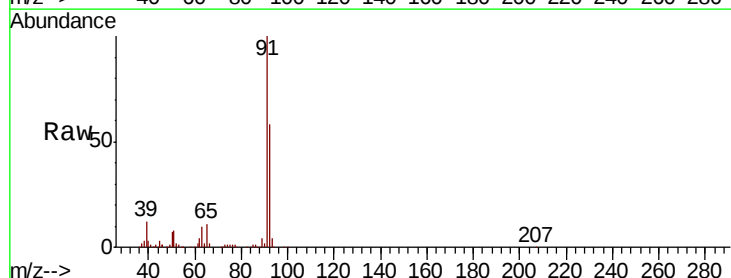
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

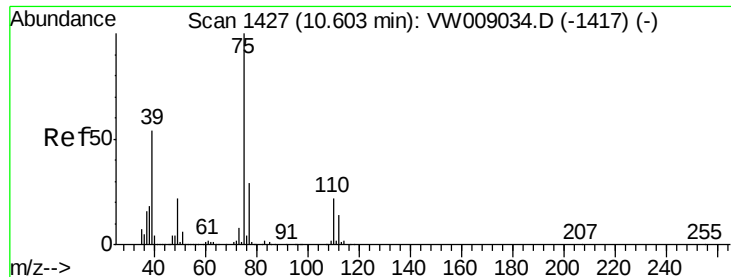
Tot Ion: 43 Resp: 155858
Ion Ratio Lower Upper
43 100
58 37.1 28.8 43.2



#52
Toluene
Concen: 19.287 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 92 Resp: 155281
Ion Ratio Lower Upper
92 100
91 170.8 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 18.178 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

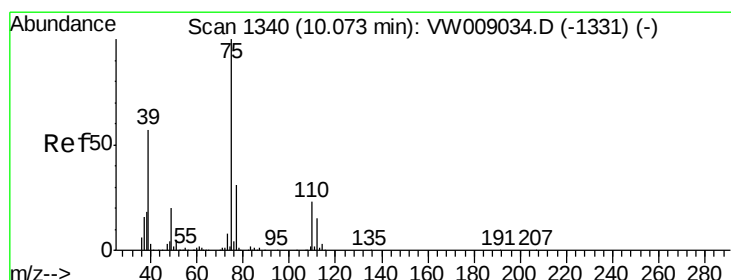
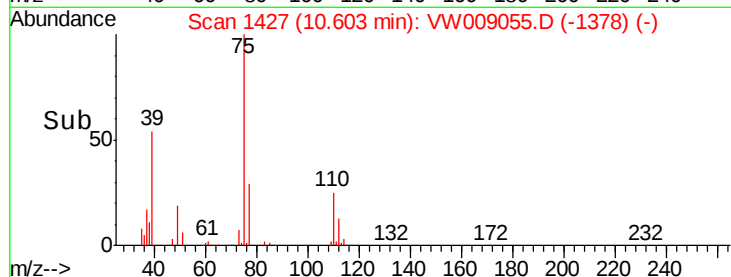
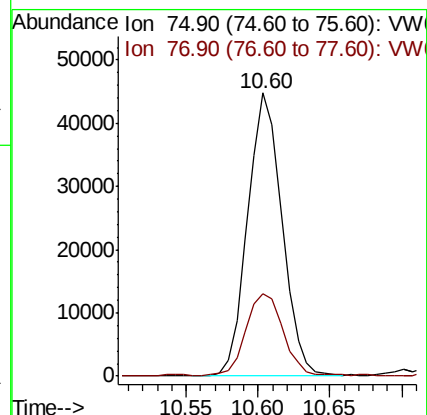
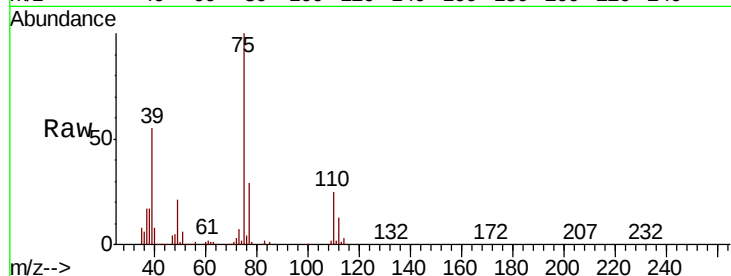
VW0308SBS01

Tot Ion: 75 Resp: 73901

Ion Ratio Lower Upper

75 100

77 28.9 23.6 35.4



#54

cis-1,3-Dichloropropene

Concen: 18.570 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

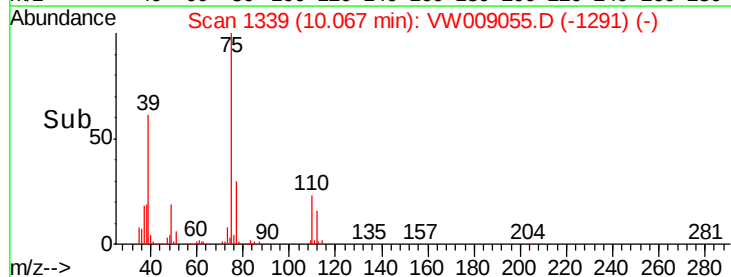
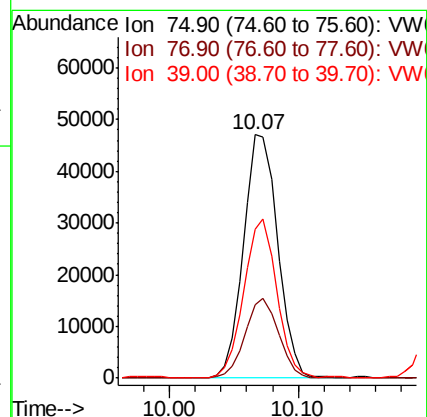
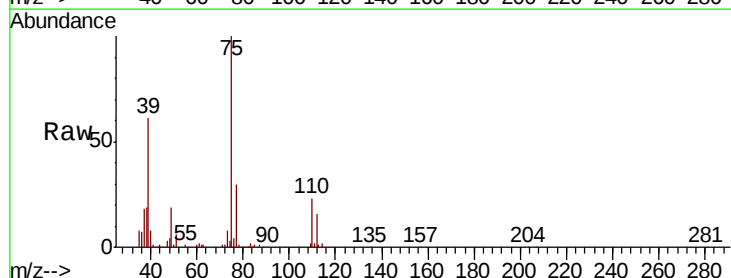
Tgt Ion: 75 Resp: 86757

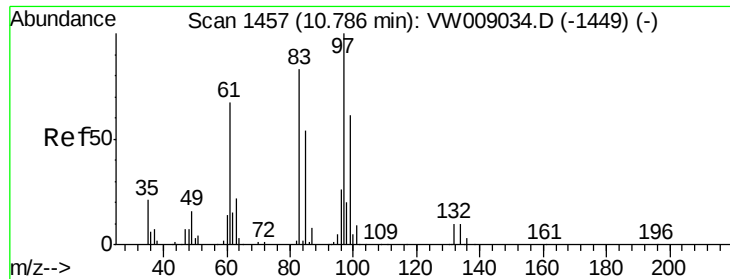
Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8

39 60.8 45.9 68.9





#55

1,1,2-Trichloroethane

Concen: 18.310 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 97 Resp: 40298

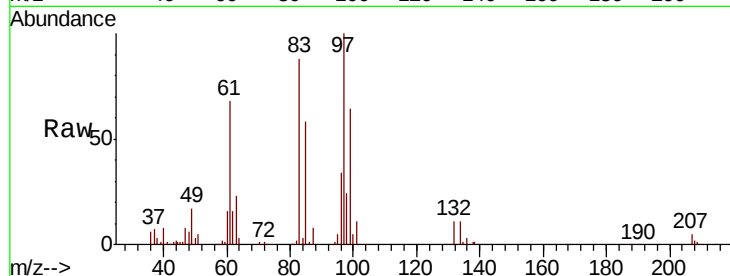
Ion Ratio Lower Upper

97 100

83 88.4 66.2 99.2

85 57.8 43.6 65.4

99 63.8 49.0 73.4

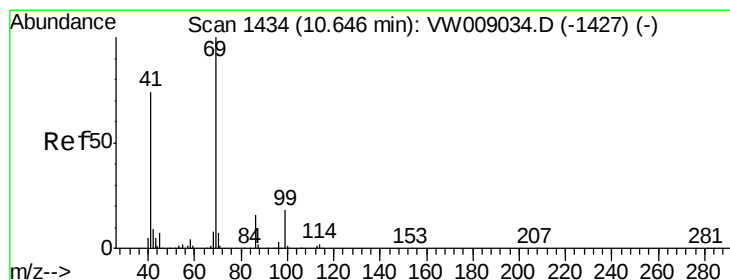
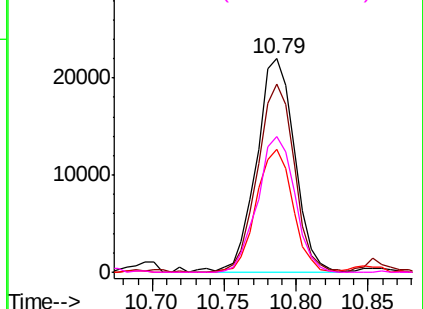
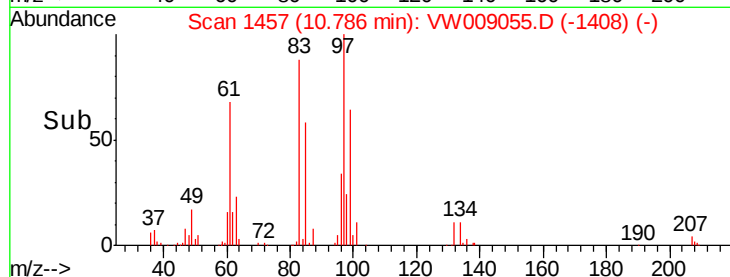


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 16.667 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

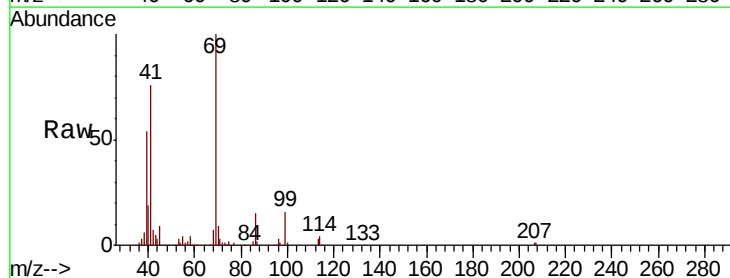
Tgt Ion: 69 Resp: 45525

Ion Ratio Lower Upper

69 100

41 74.4 59.4 89.2

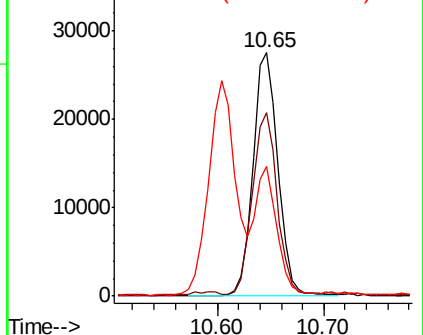
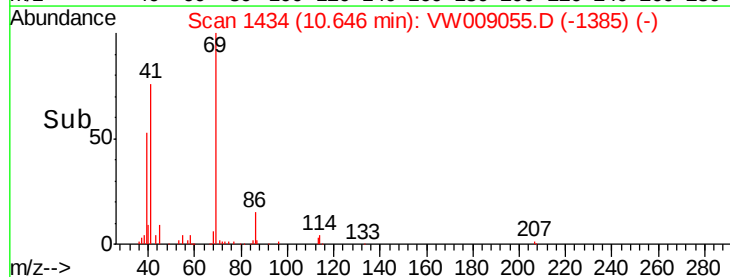
39 45.4 38.5 57.7

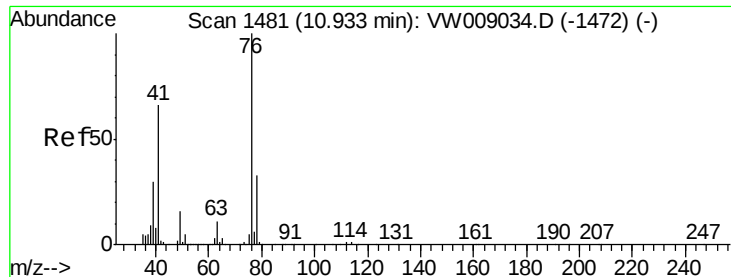


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 18.116 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

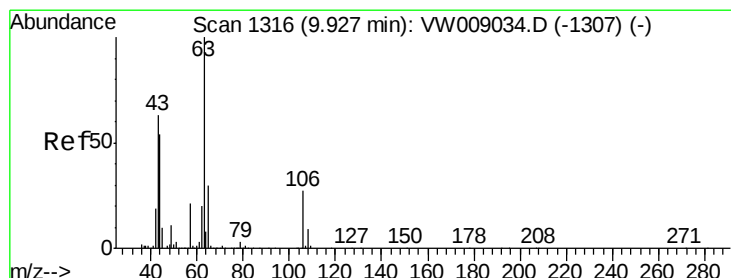
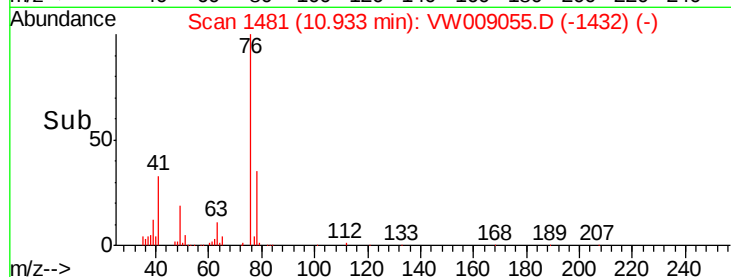
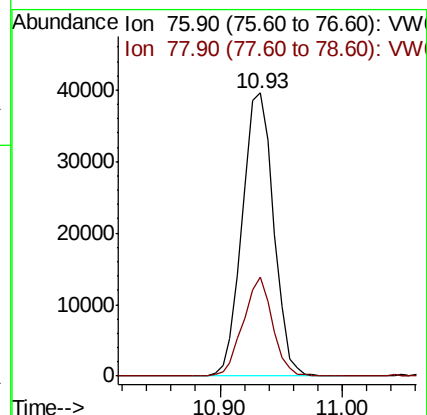
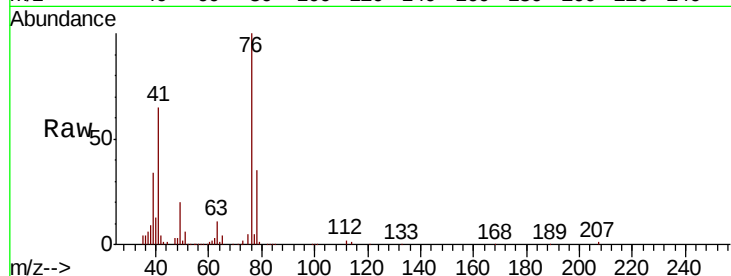
VW0308SBS01

Tot Ion: 76 Resp: 70633

Ion Ratio Lower Upper

76 100

78 33.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 82.913 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW009055.D

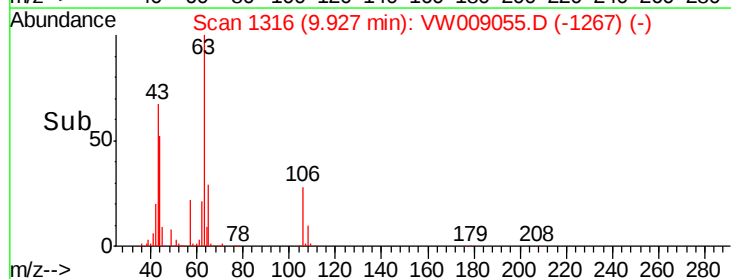
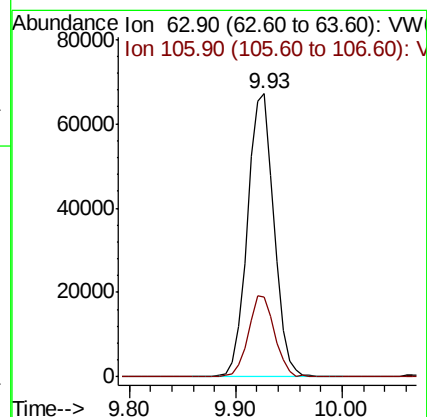
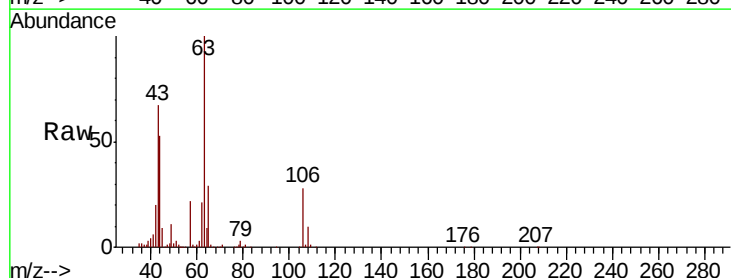
Acq: 08 Mar 2019 15:28

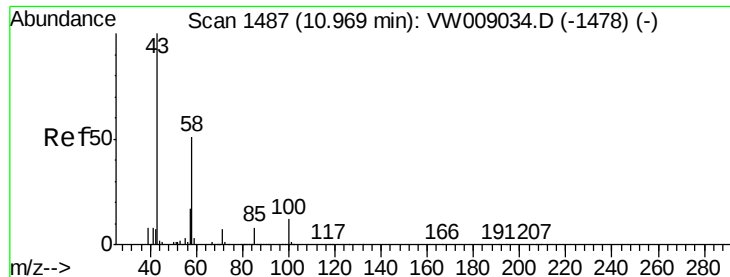
Tgt Ion: 63 Resp: 117408

Ion Ratio Lower Upper

63 100

106 28.5 23.0 34.6





#59

2-Hexanone

Concen: 81.670 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

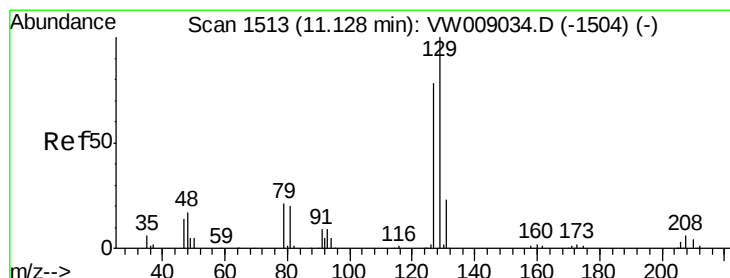
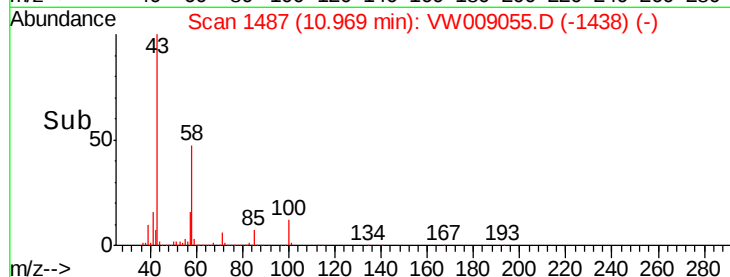
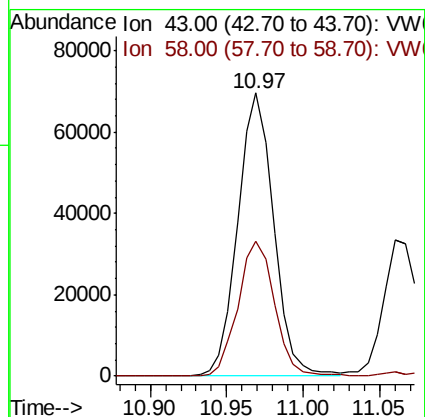
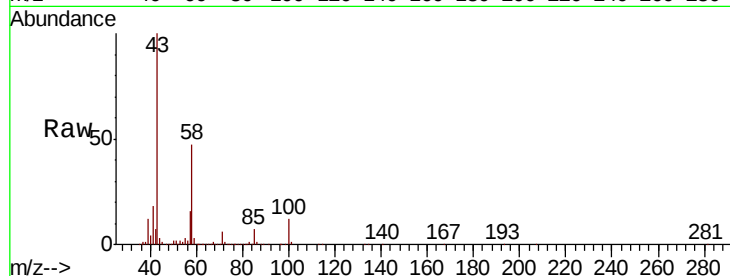
VW0308SBS01

Tot Ion: 43 Resp: 113412

Ion Ratio Lower Upper

43 100

58 48.7 25.3 75.9



#60

Dibromochloromethane

Concen: 18.059 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009055.D

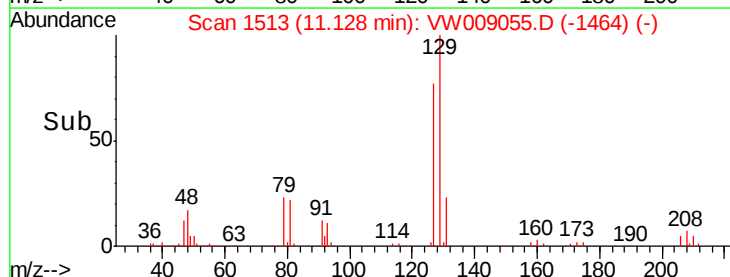
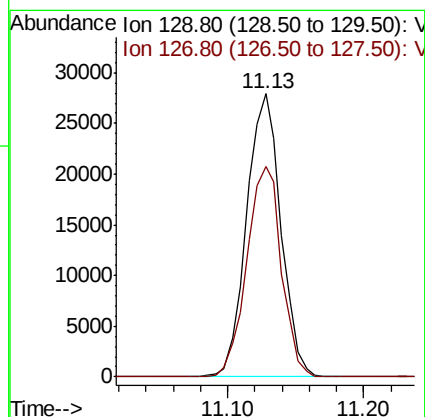
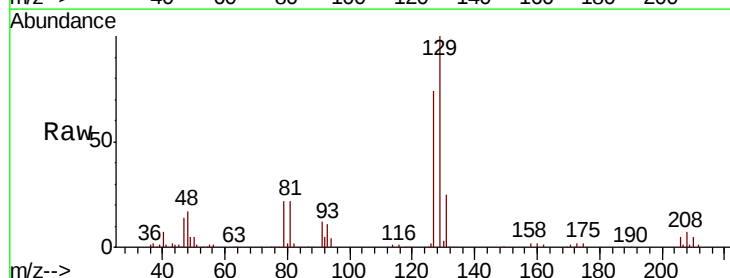
Acq: 08 Mar 2019 15:28

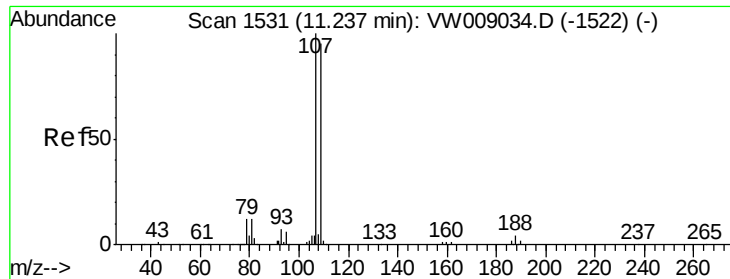
Tgt Ion: 129 Resp: 49187

Ion Ratio Lower Upper

129 100

127 75.3 38.4 115.1

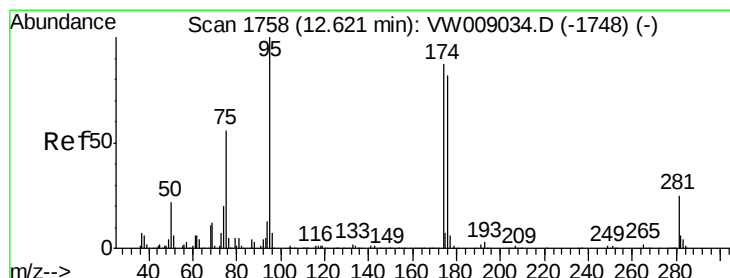
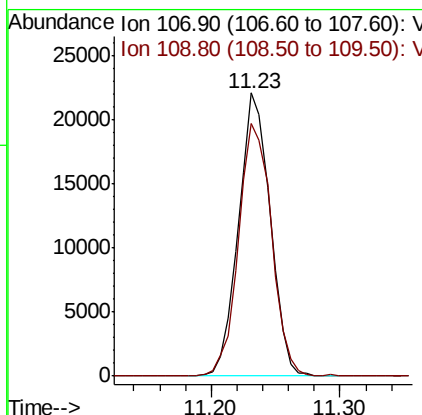
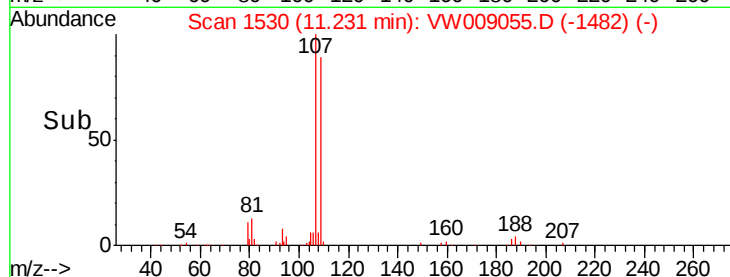
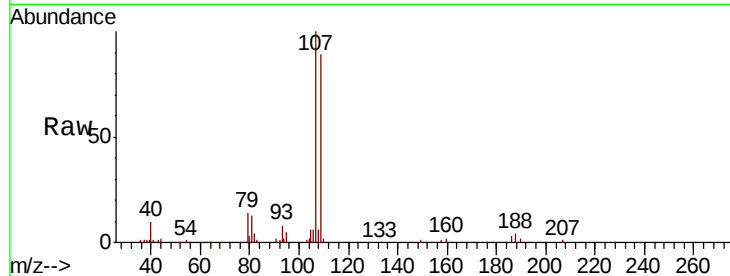




#61
1,2-Dibromoethane
Concen: 17.417 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

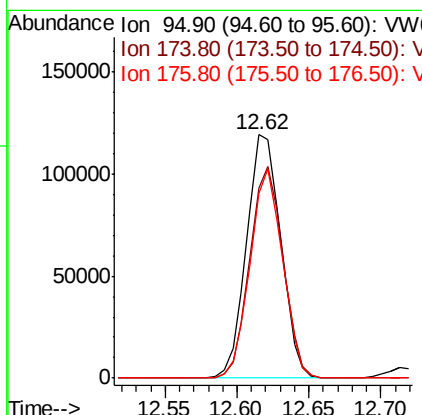
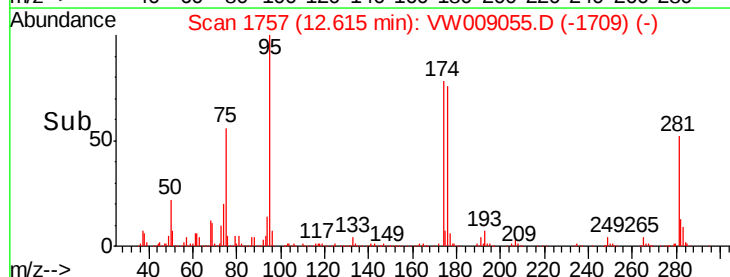
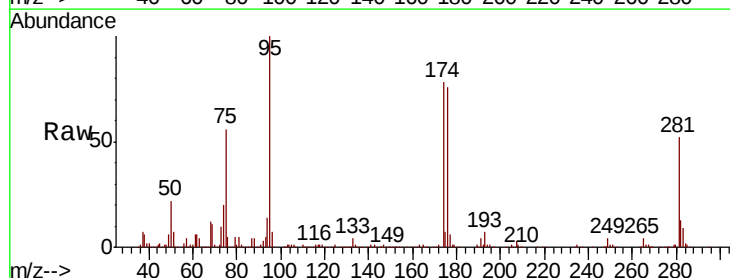
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

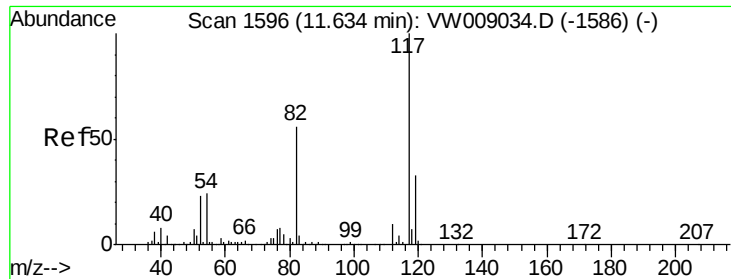
Tot Ion:107 Resp: 37579
Ion Ratio Lower Upper
107 100
109 92.7 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 47.376 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 95 Resp: 196152
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.0
176 81.8 0.0 159.4

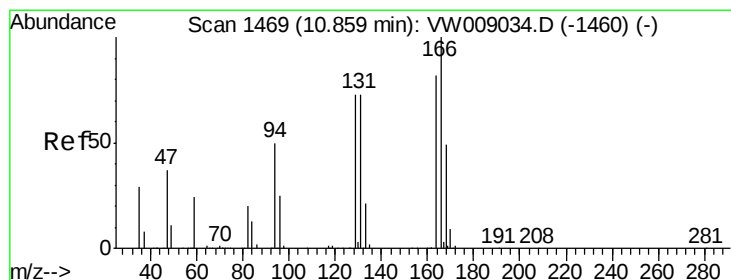
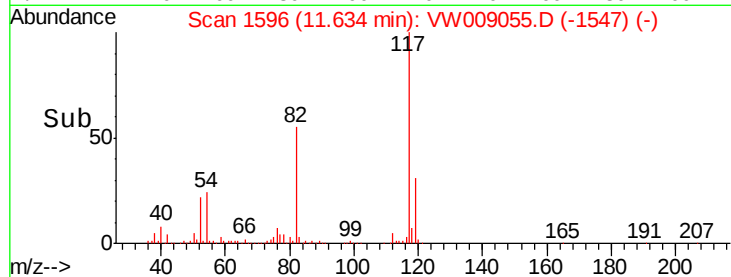
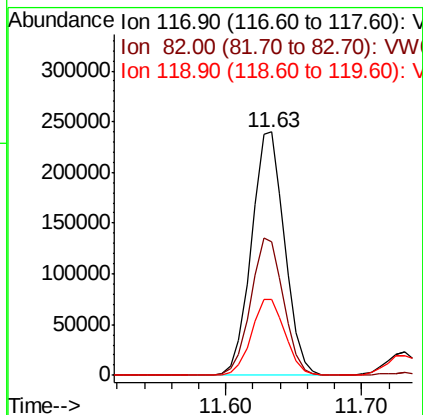
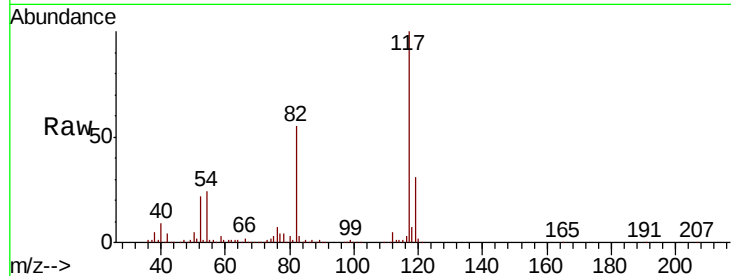




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

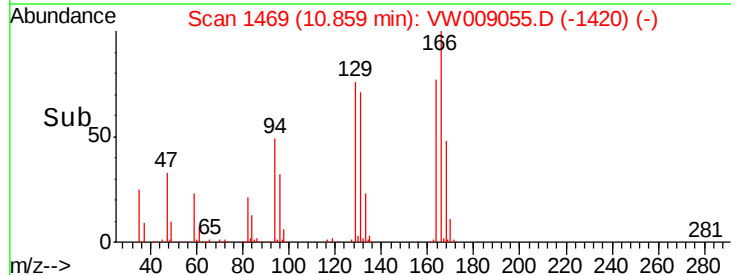
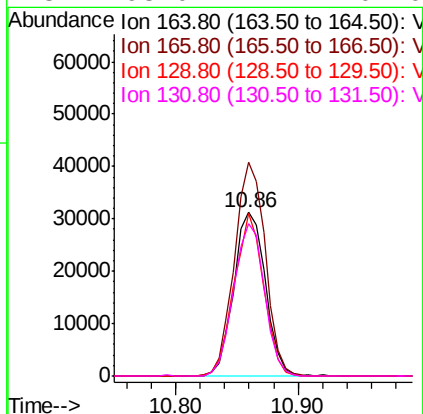
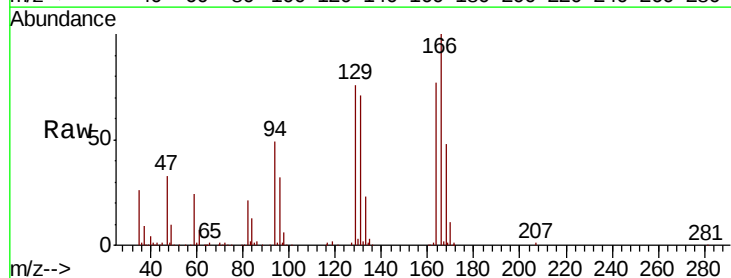
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

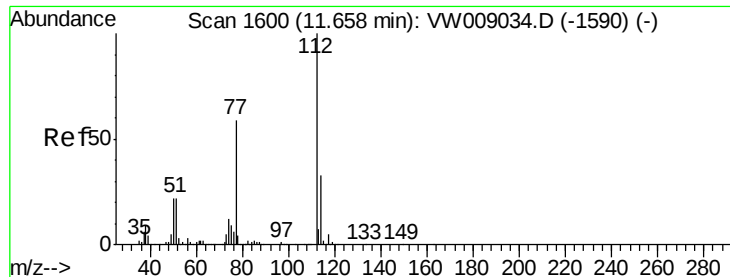
Tot Ion:117 Resp: 409568
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.6
119 31.4 26.6 39.8



#64
Tetrachloroethene
Concen: 18.924 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion:164 Resp: 55895
Ion Ratio Lower Upper
164 100
166 130.6 97.8 146.6
129 99.2 71.6 107.4
131 93.0 71.4 107.0

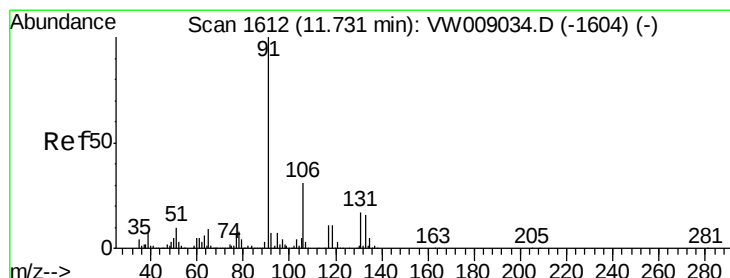
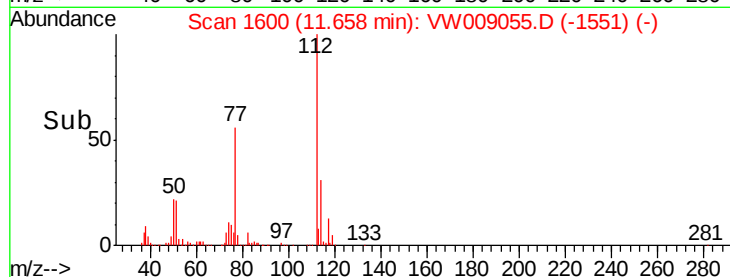
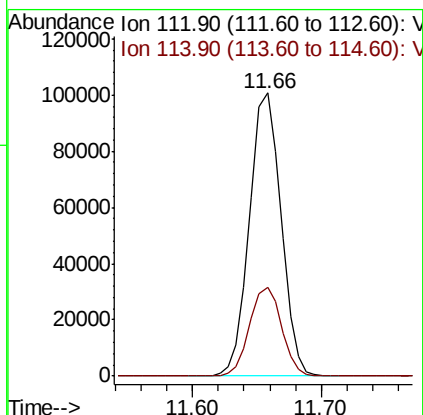
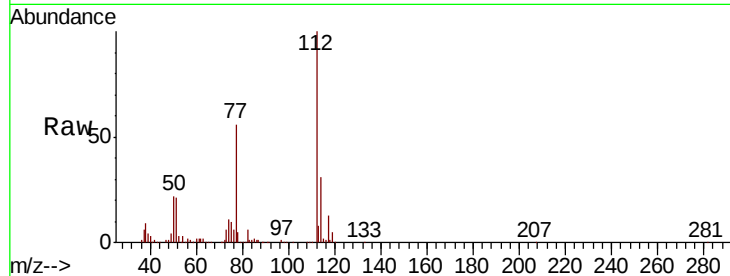




#65
Chlorobenzene
Concen: 19.138 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

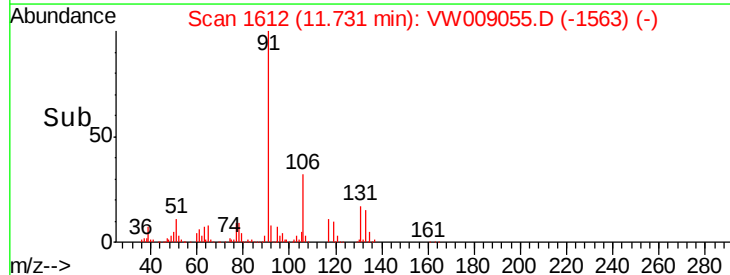
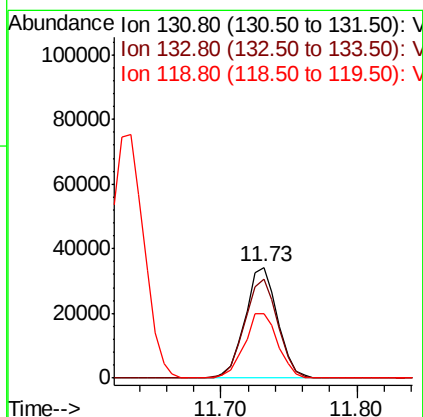
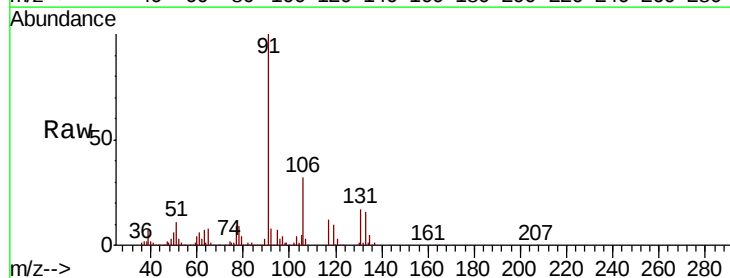
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

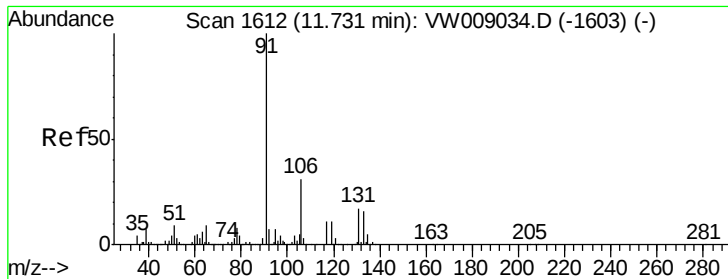
Tot Ion:112 Resp: 170610
Ion Ratio Lower Upper
112 100
114 31.3 26.6 40.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.250 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion:131 Resp: 57300
Ion Ratio Lower Upper
131 100
133 91.5 47.6 142.8
119 59.8 31.3 93.8





#67

Ethyl Benzene

Concen: 19.023 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

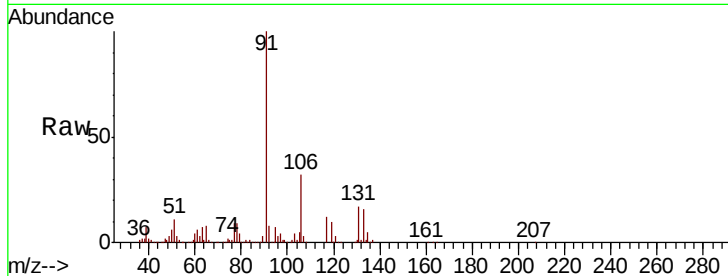
VW0308SBS01

Tot Ion: 91 Resp: 306364

Ion Ratio Lower Upper

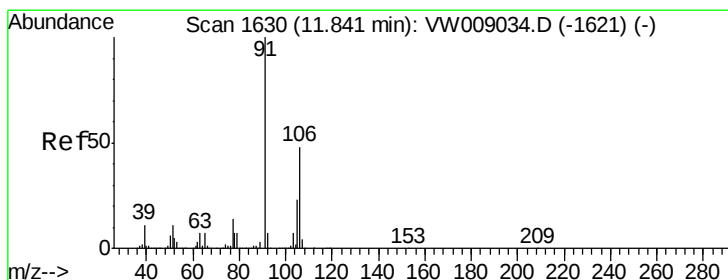
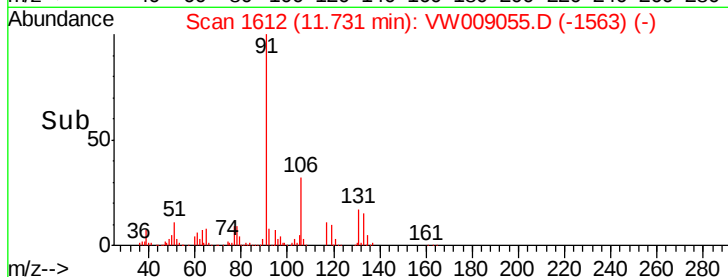
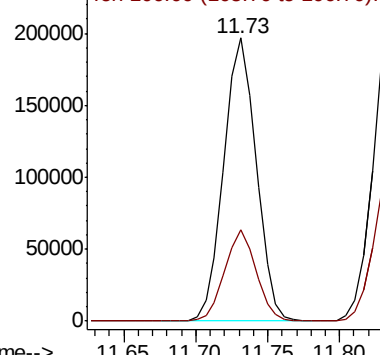
91 100

106 32.3 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.543 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW009055.D

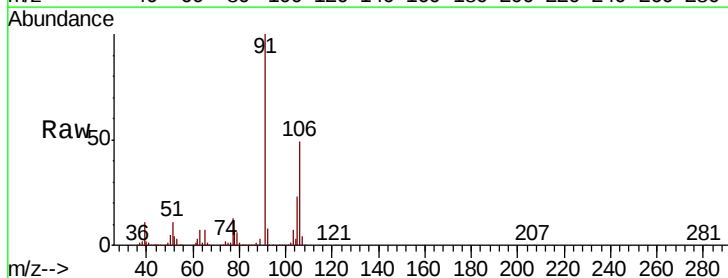
Acq: 08 Mar 2019 15:28

Tgt Ion: 106 Resp: 245013

Ion Ratio Lower Upper

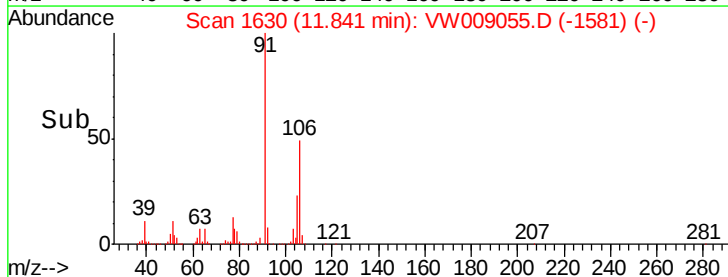
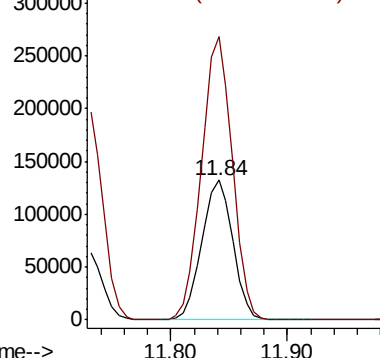
106 100

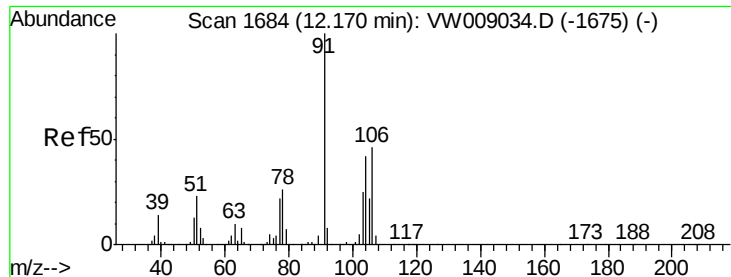
91 201.2 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

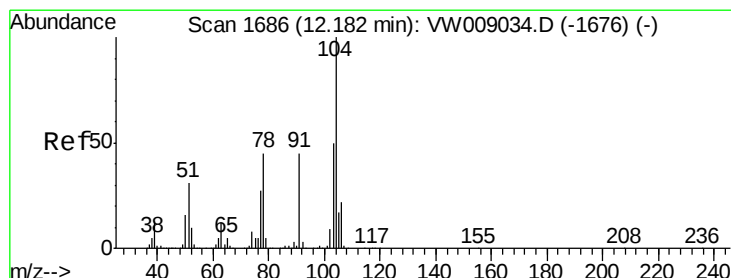
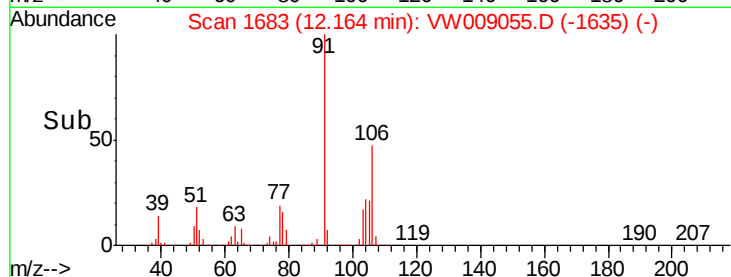
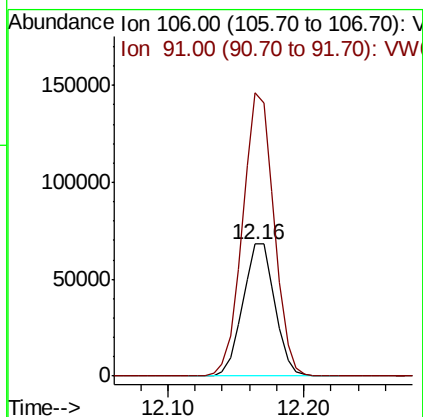
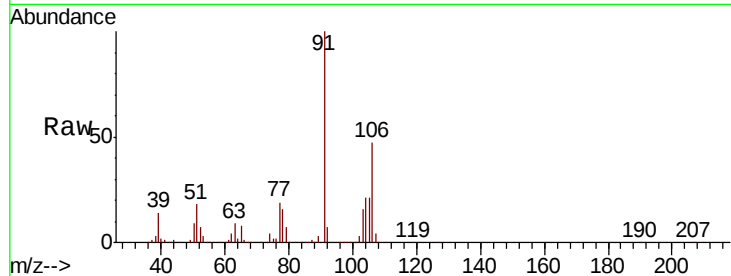




#69
o-Xylene
Concen: 19.015 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

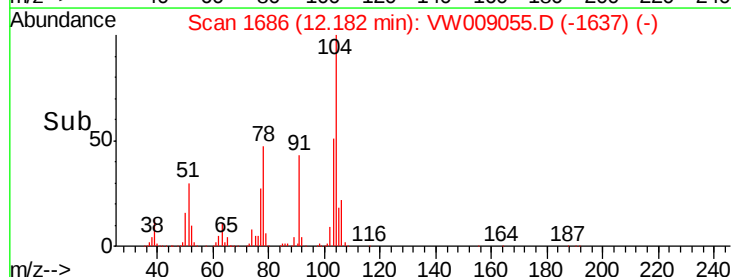
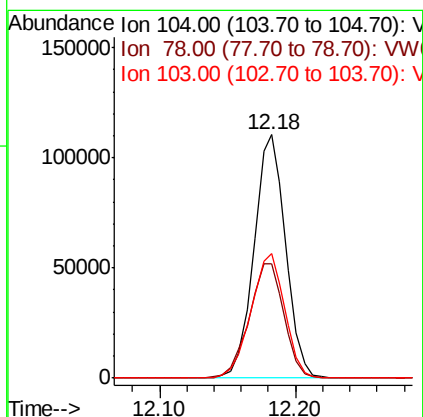
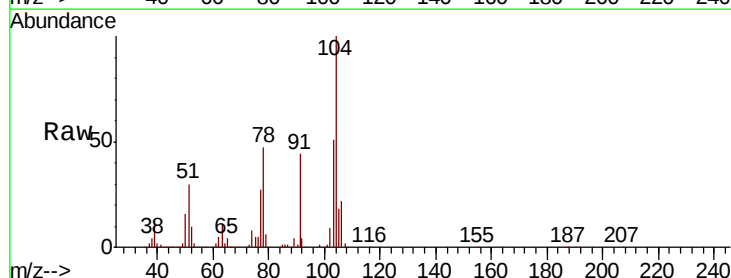
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

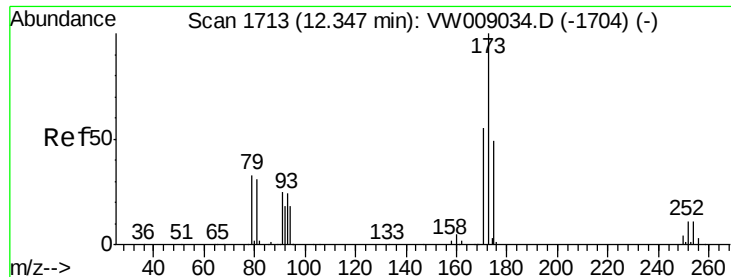
Tot Ion:106 Resp: 112469
Ion Ratio Lower Upper
106 100
91 210.0 108.6 325.6



#70
Styrene
Concen: 18.792 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion:104 Resp: 179839
Ion Ratio Lower Upper
104 100
78 52.1 42.1 63.1
103 55.0 43.9 65.9





#71

Bromoform

Concen: 17.747 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

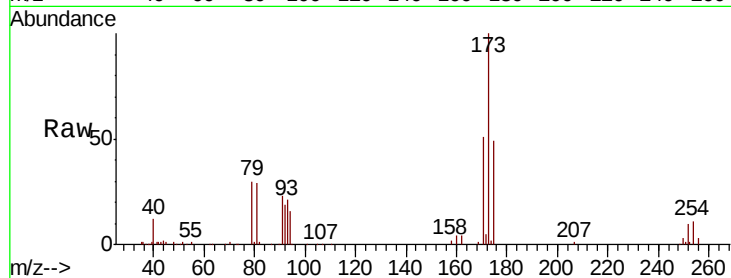
Tot Ion:173 Resp: 28365

Ion Ratio Lower Upper

173 100

175 46.4 24.6 74.0

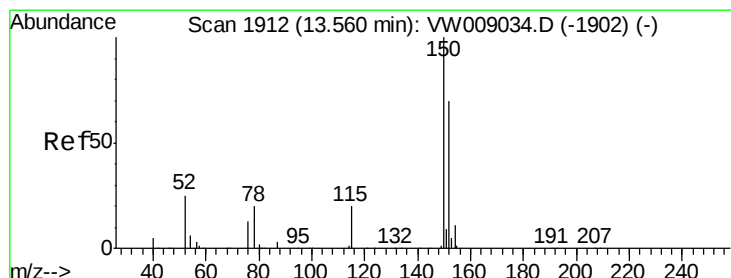
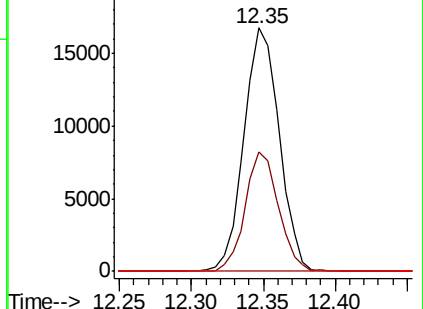
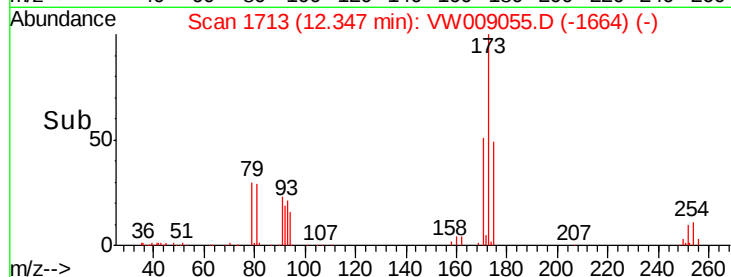
254 0.0 0.0 0.0



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: VW009055.D

Acq: 08 Mar 2019 15:28

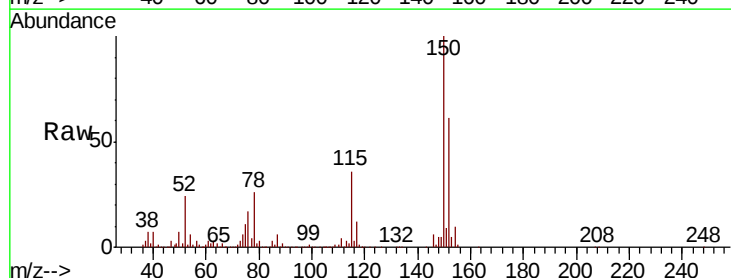
Tgt Ion:152 Resp: 218332

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.7

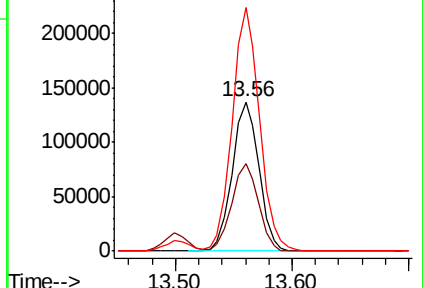
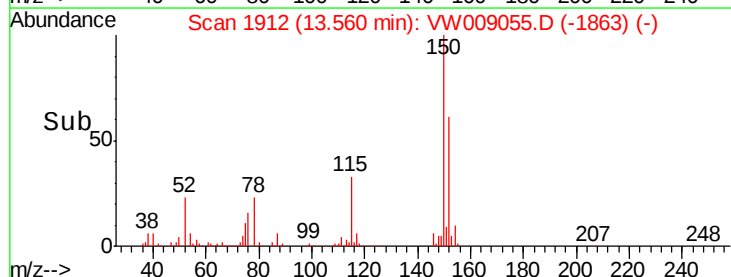
150 166.7 0.0 349.2

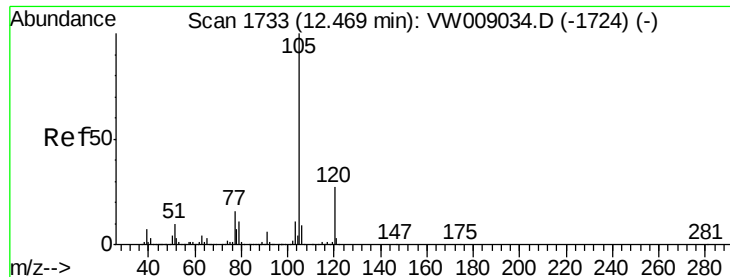


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.776 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

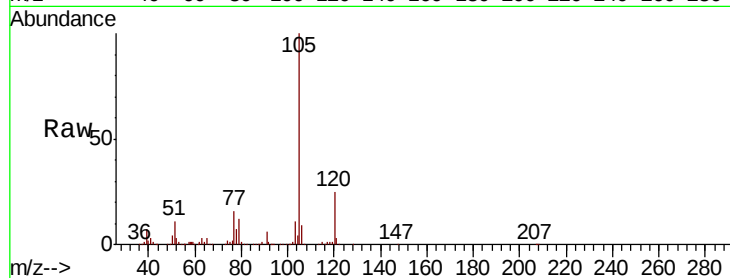
VW0308SBS01

Tot Ion: 105 Resp: 309199

Ion Ratio Lower Upper

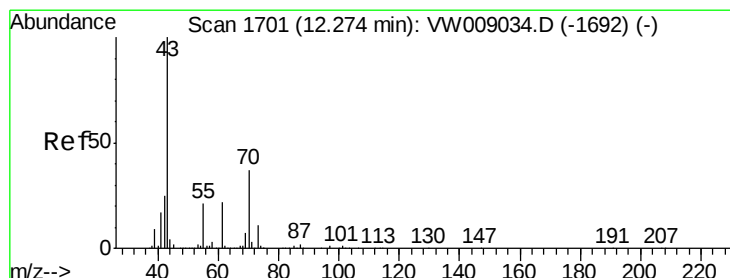
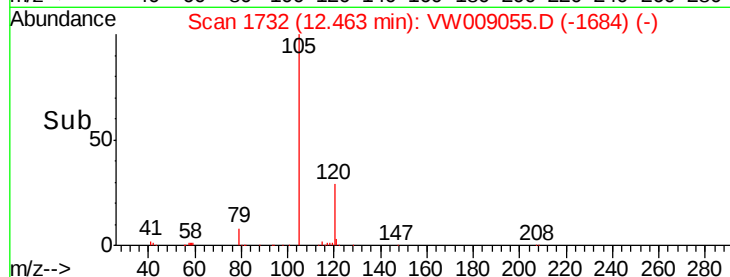
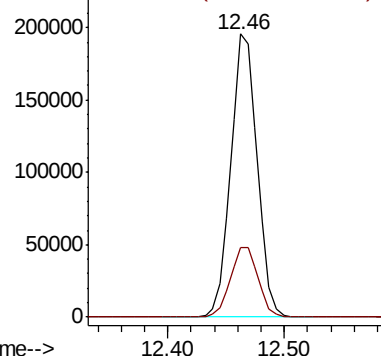
105 100

120 25.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.975 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Tgt Ion: 43 Resp: 62831

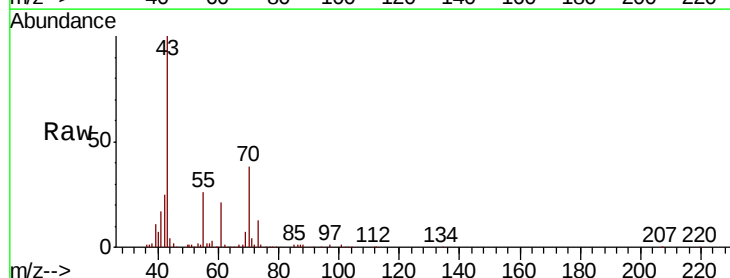
Ion Ratio Lower Upper

43 100

70 38.1 30.8 46.2

55 24.7 17.8 26.8

61 21.9 17.4 26.2

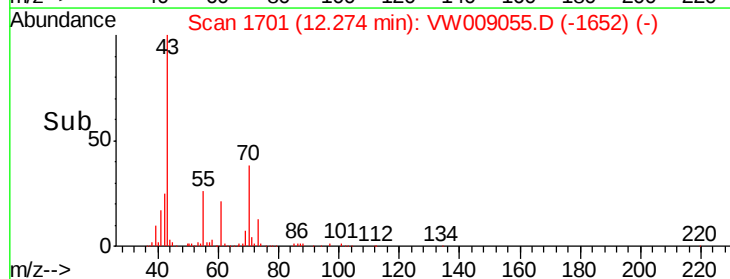
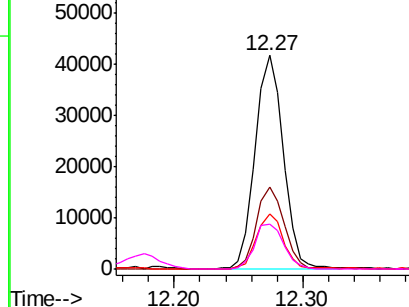


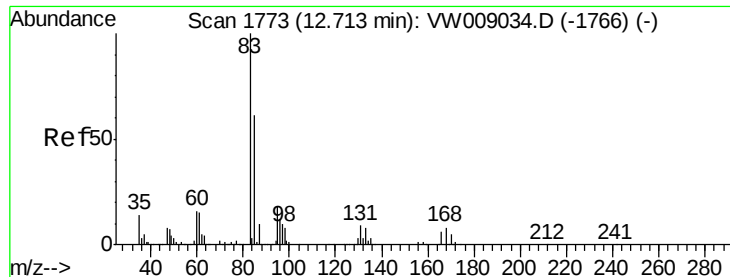
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 18.120 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

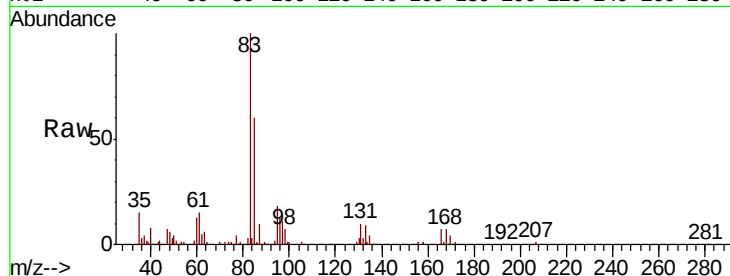
Tot Ion: 83 Resp: 44688

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.7

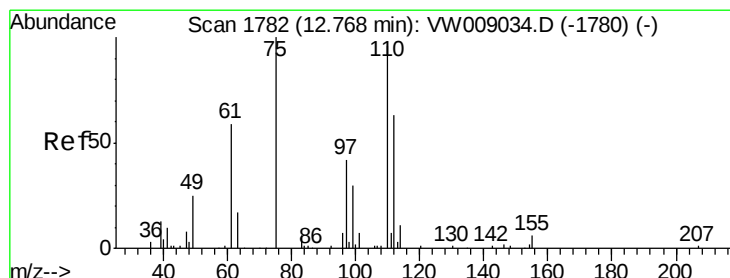
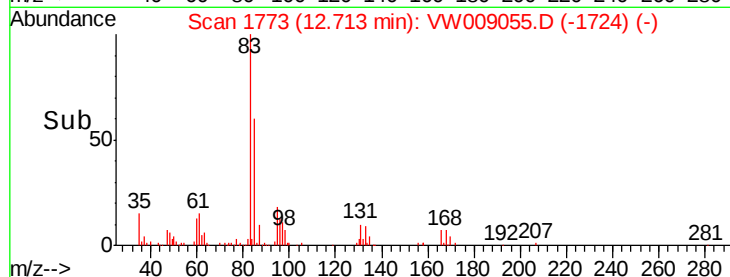
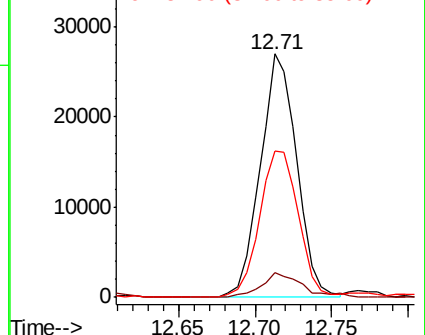
85 64.2 31.7 95.1



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: 35.138 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW009055.D

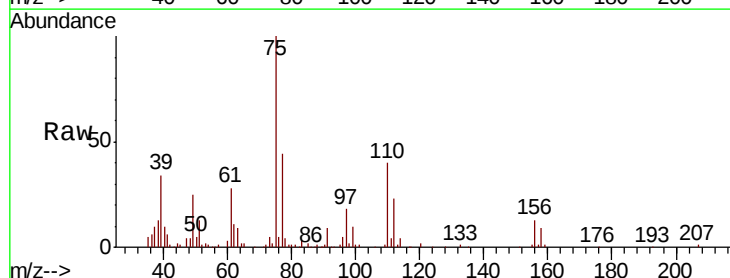
Acq: 08 Mar 2019 15:28

Tgt Ion: 75 Resp: 60613

Ion Ratio Lower Upper

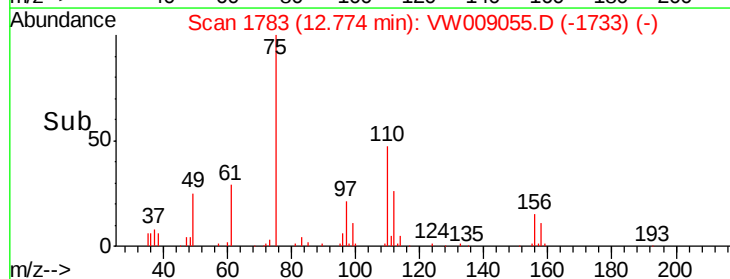
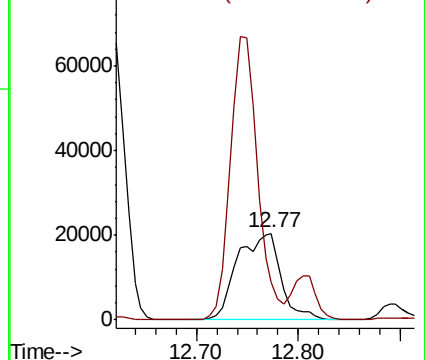
75 100

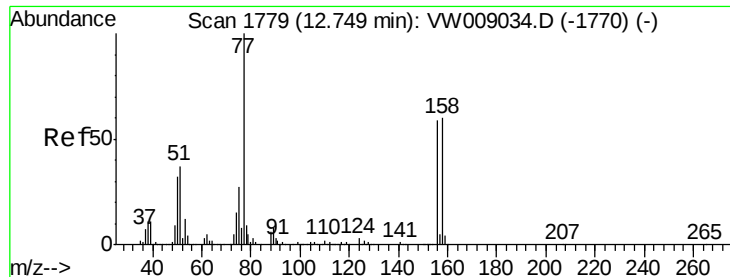
77 0.0 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.705 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

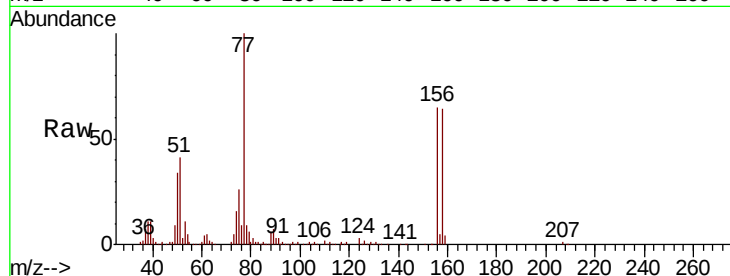
Tot Ion:156 Resp: 70394

Ion Ratio Lower Upper

156 100

77 176.6 93.0 279.2

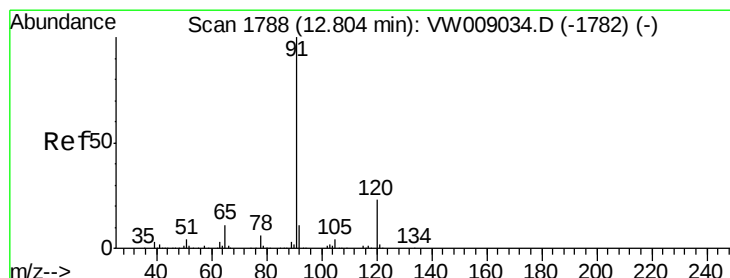
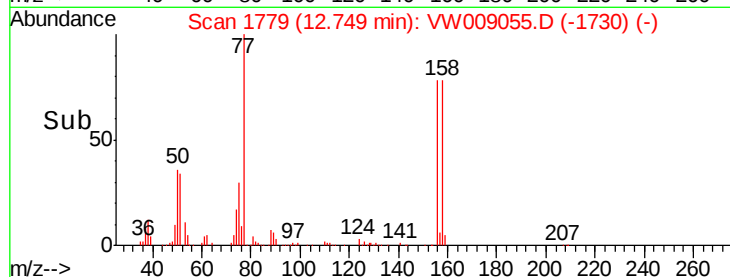
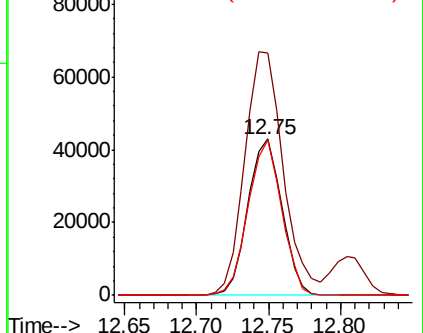
158 97.7 50.0 149.8



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: 19.826 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW009055.D

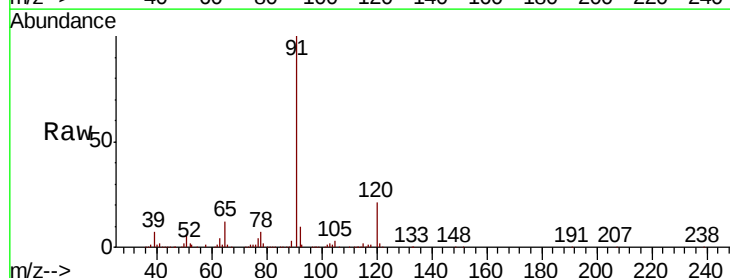
Acq: 08 Mar 2019 15:28

Tgt Ion: 91 Resp: 381826

Ion Ratio Lower Upper

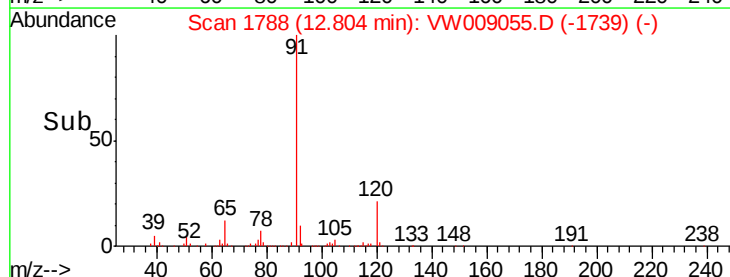
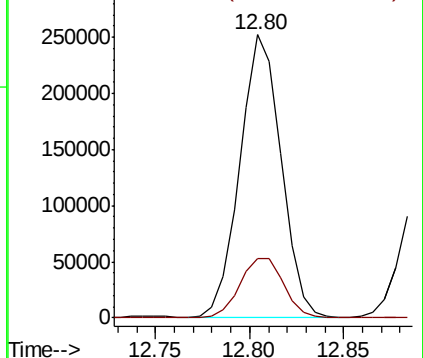
91 100

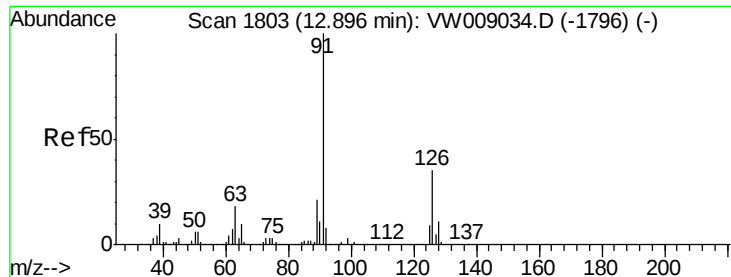
120 22.5 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.642 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampled :

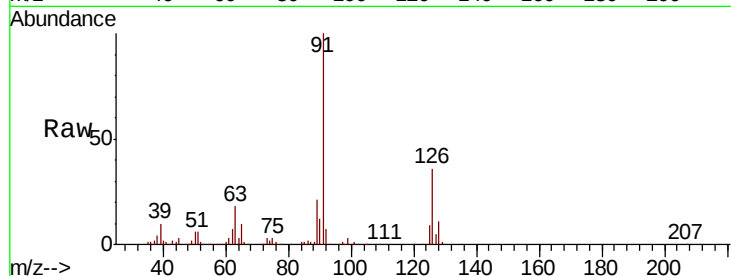
VW0308SBS01

Tot Ion: 91 Resp: 212530

Ion Ratio Lower Upper

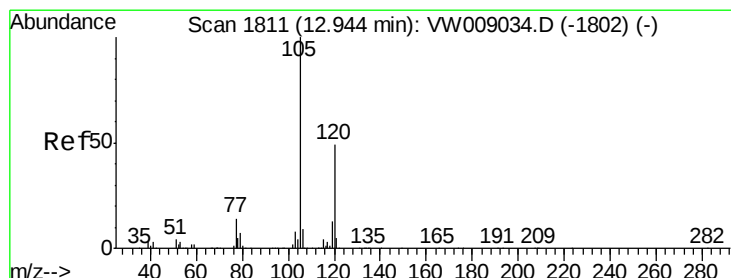
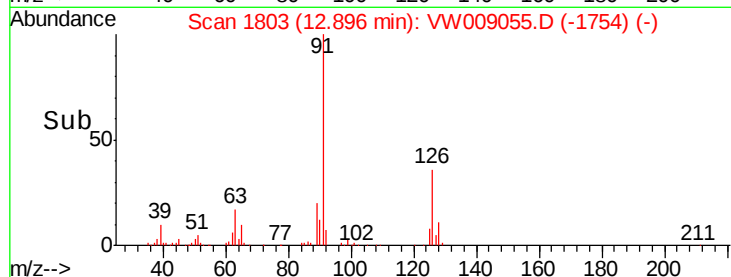
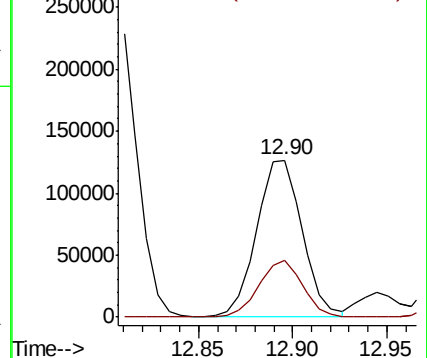
91 100

126 34.3 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.540 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW009055.D

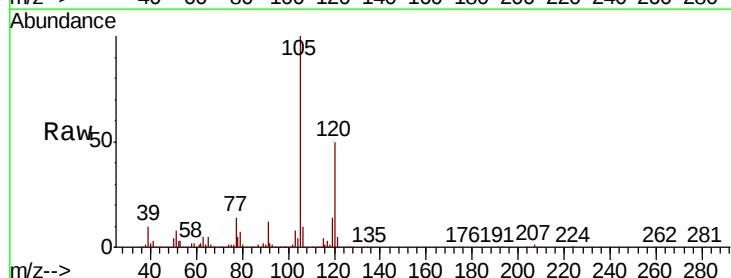
Acq: 08 Mar 2019 15:28

Tgt Ion:105 Resp: 263342

Ion Ratio Lower Upper

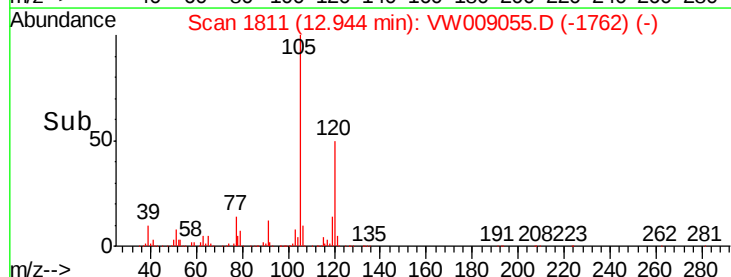
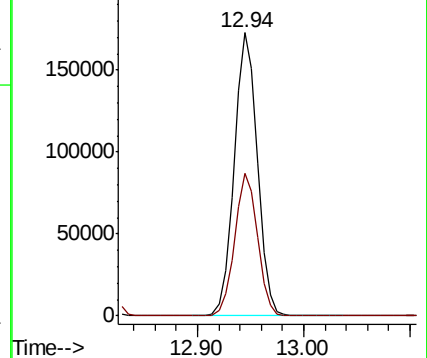
105 100

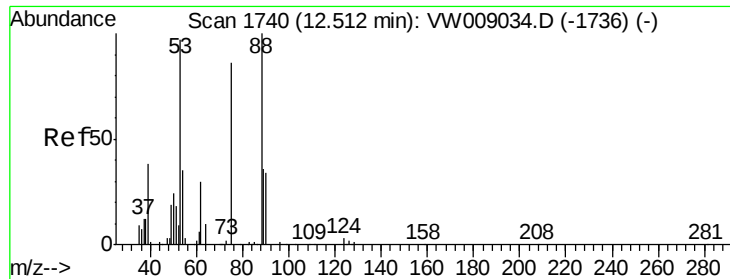
120 49.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.016 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

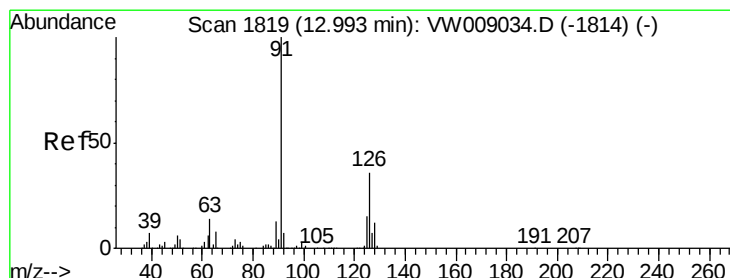
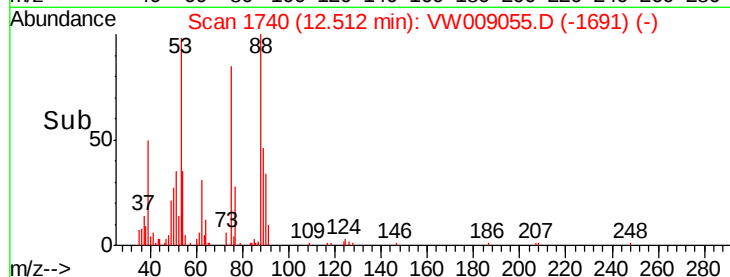
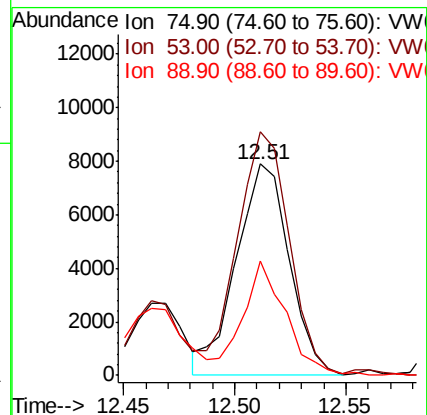
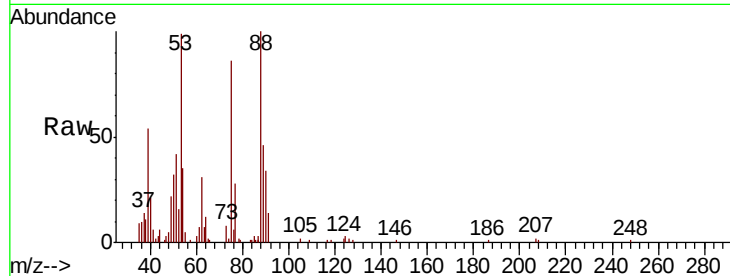
Tot Ion: 75 Resp: 13123

Ion Ratio Lower Upper

75 100

53 110.0 90.5 135.7

89 44.3 37.5 56.3



#82

4-Chlorotoluene

Concen: 19.305 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW009055.D

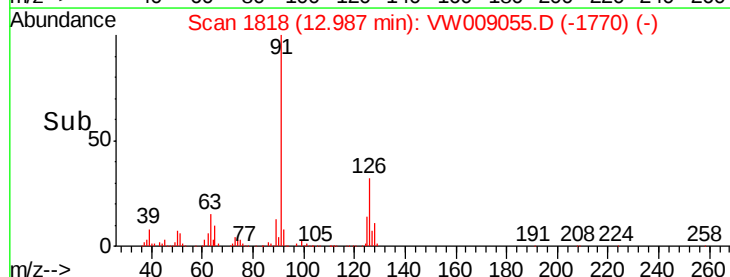
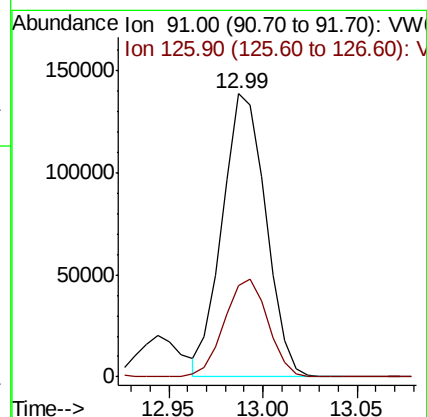
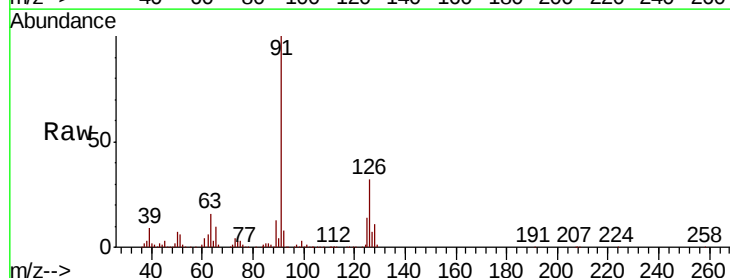
Acq: 08 Mar 2019 15:28

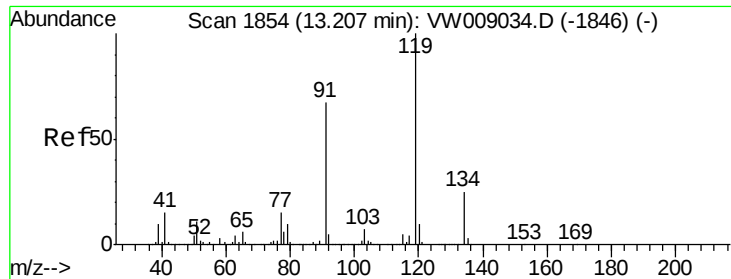
Tgt Ion: 91 Resp: 222661

Ion Ratio Lower Upper

91 100

126 34.6 16.6 49.8

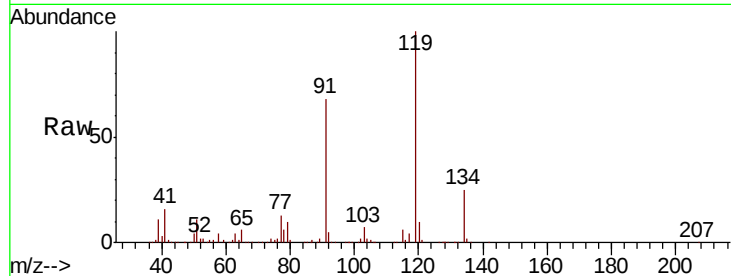




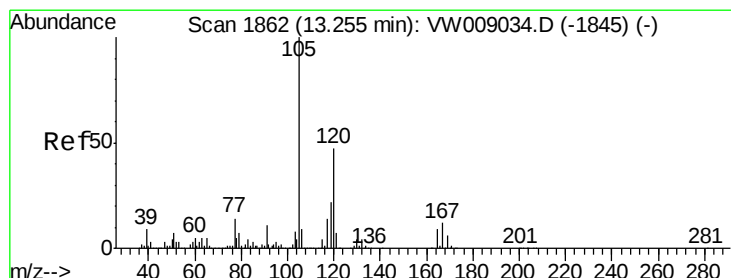
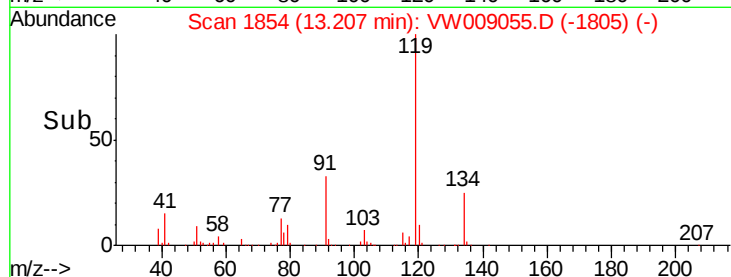
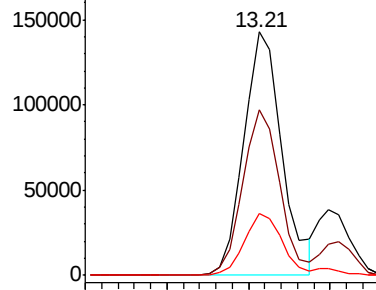
#83
tert-Butylbenzene
Concen: 20.264 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion:119 Resp: 230335
Ion Ratio Lower Upper
119 100
91 66.0 34.2 102.5
134 27.0 13.9 41.6

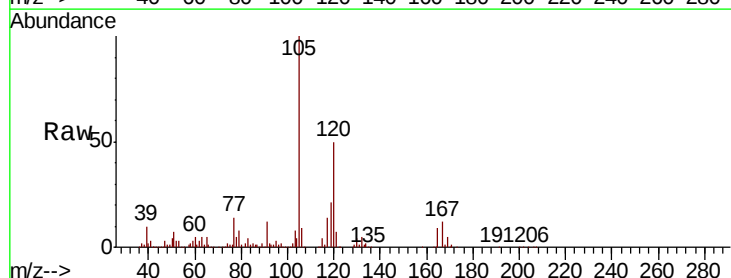


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

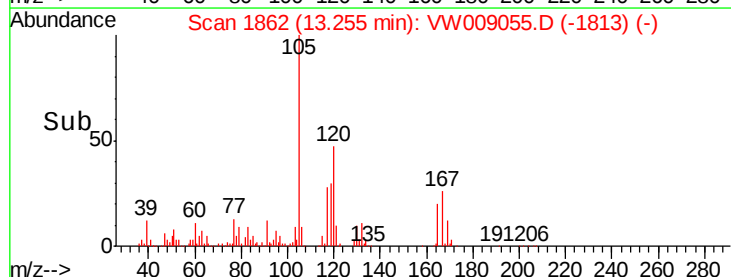
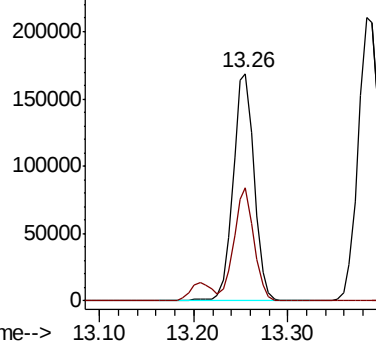


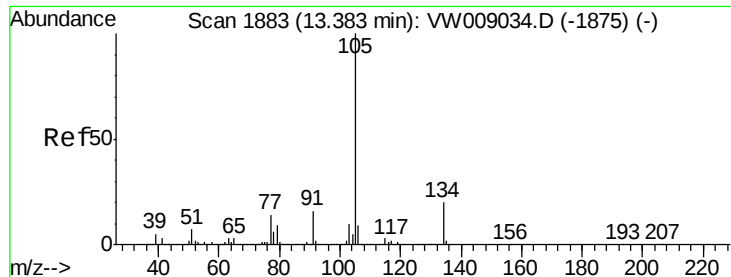
#84
1,2,4-Trimethylbenzene
Concen: 19.583 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion:105 Resp: 266978
Ion Ratio Lower Upper
105 100
120 47.2 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: 19.701 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

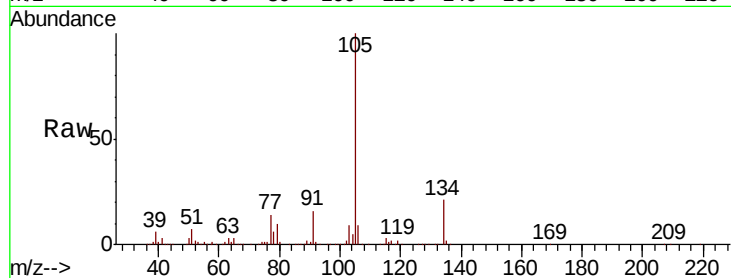
VW0308SBS01

Tot Ion:105 Resp: 331779

Ion Ratio Lower Upper

105 100

134 20.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

250000

200000

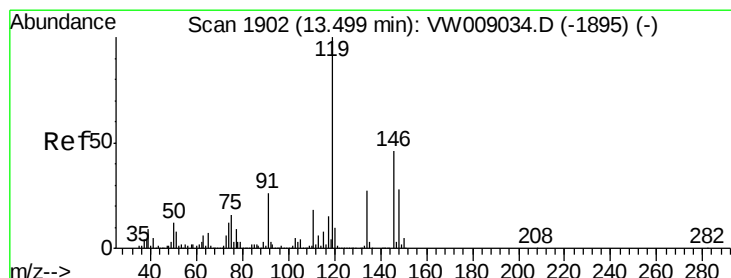
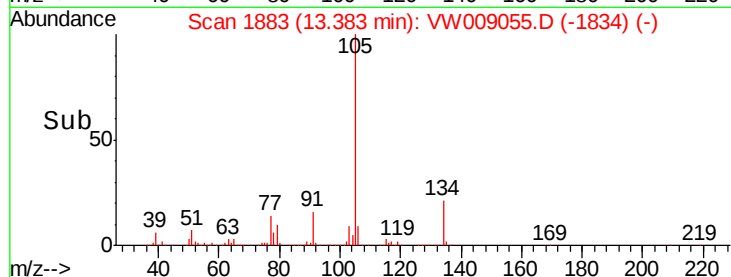
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.363 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

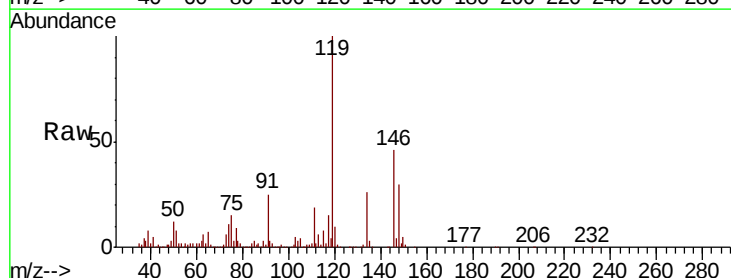
Tgt Ion:119 Resp: 291708

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 24.6 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

250000

200000

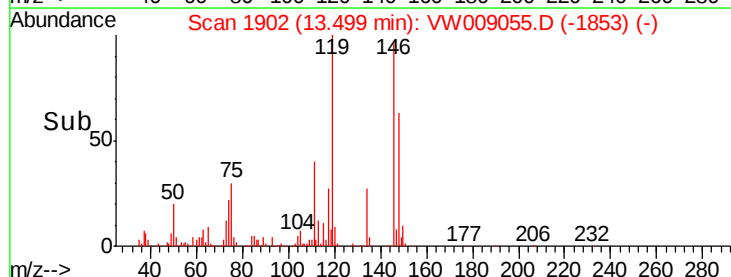
150000

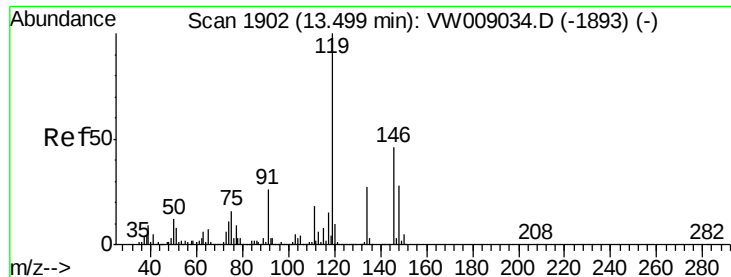
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.448 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

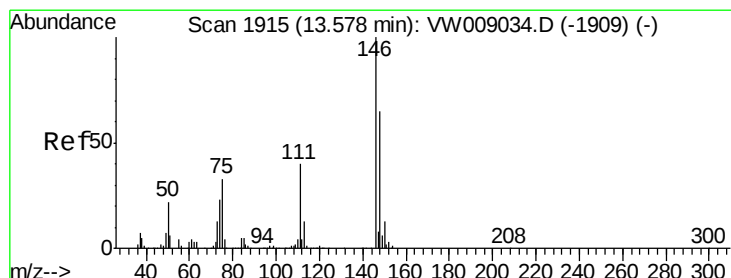
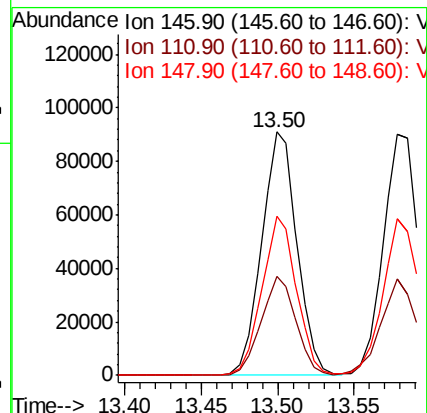
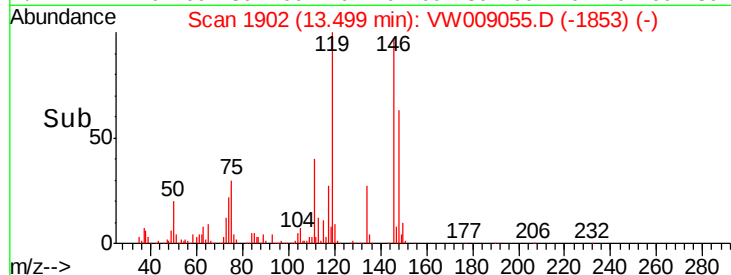
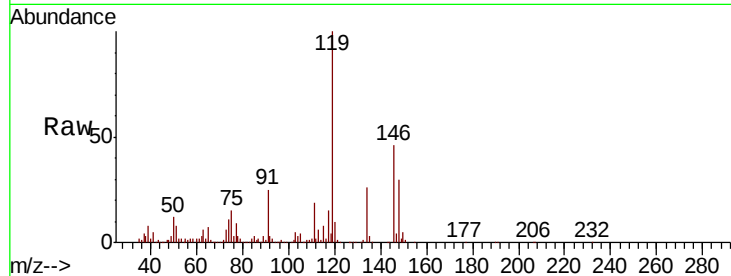
Tot Ion:146 Resp: 146010

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

148 64.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 19.561 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

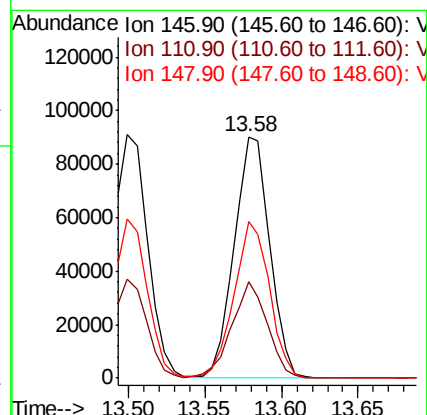
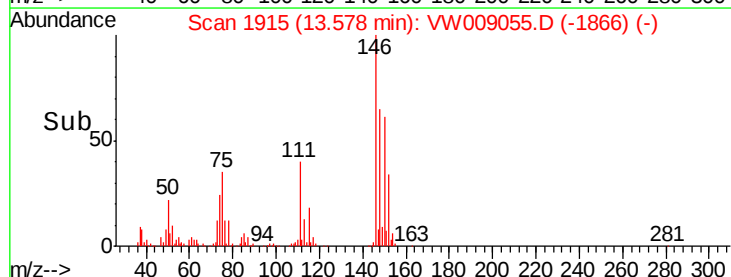
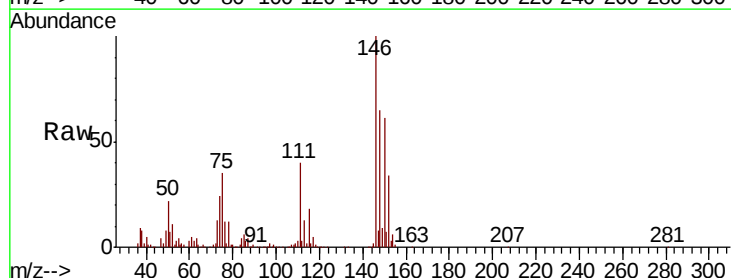
Tgt Ion:146 Resp: 145134

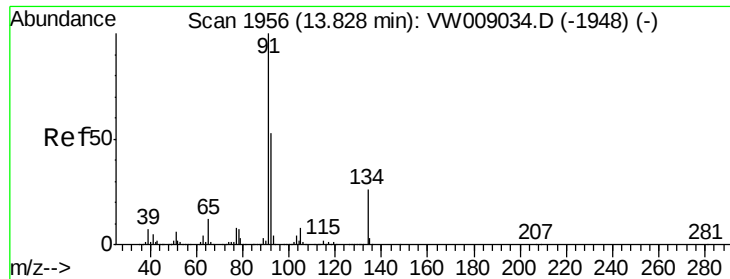
Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

148 64.7 32.2 96.6

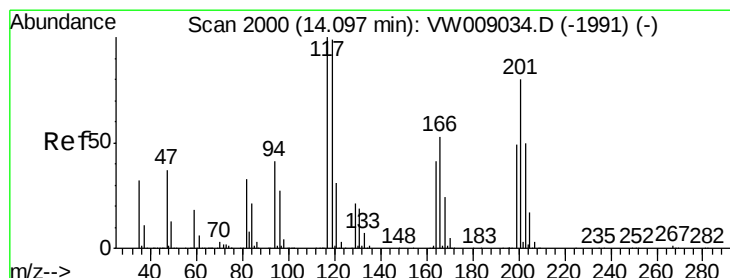
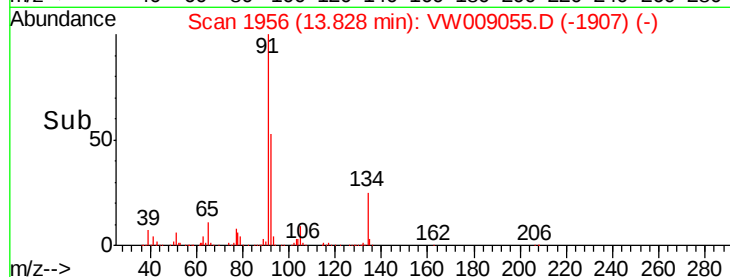
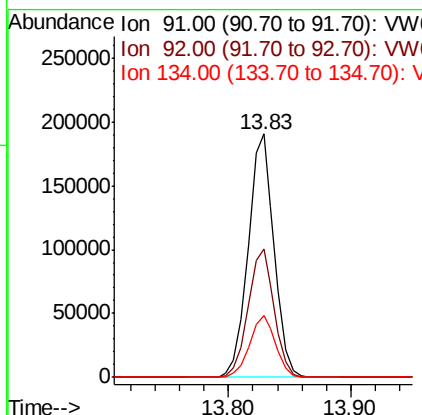
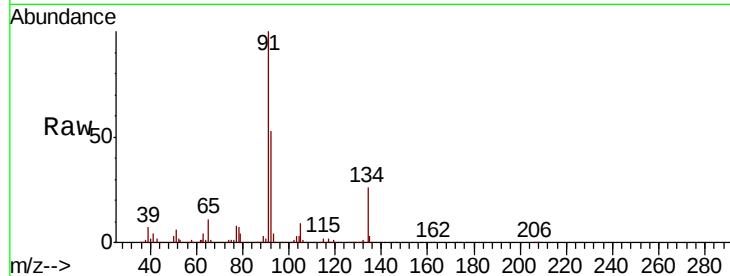




#89
n-Butylbenzene
Concen: 19.521 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

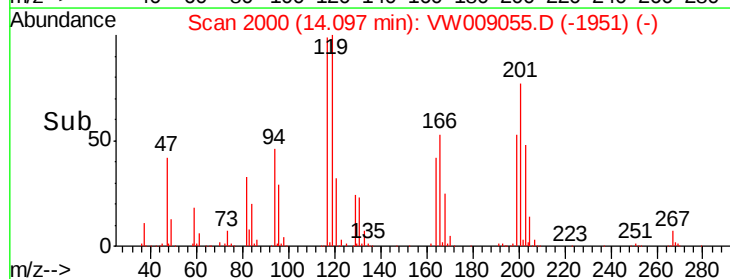
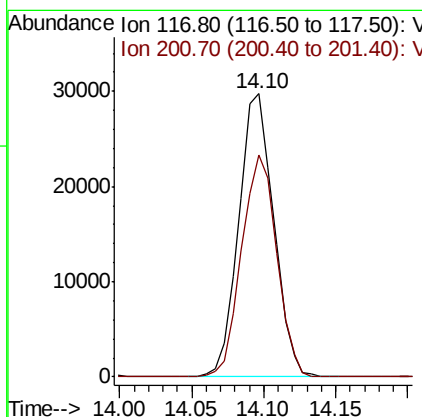
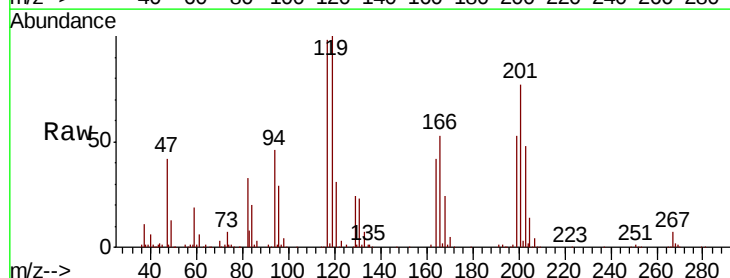
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

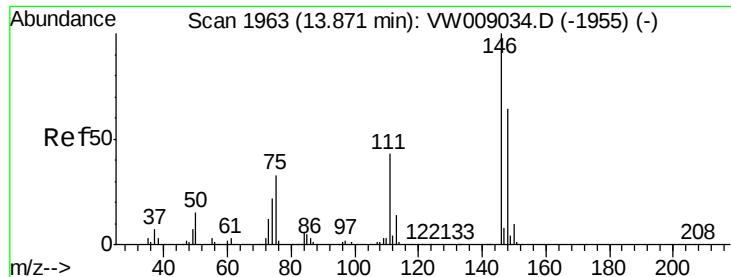
Tot Ion: 91 Resp: 279579
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.3
134 25.4 12.9 38.7



#90
Hexachloroethane
Concen: 19.344 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW009055.D
Acq: 08 Mar 2019 15:28

Tgt Ion: 117 Resp: 50262
Ion Ratio Lower Upper
117 100
201 78.4 39.1 117.5

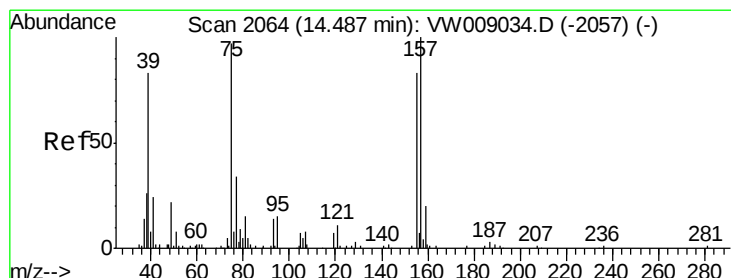
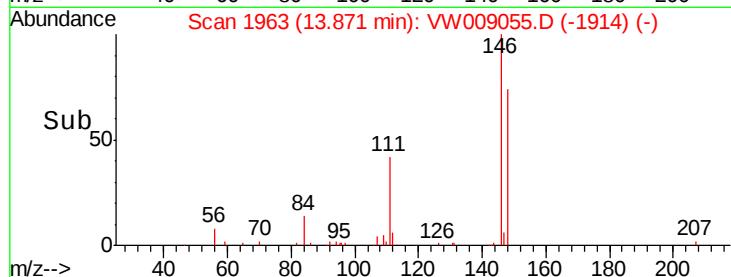
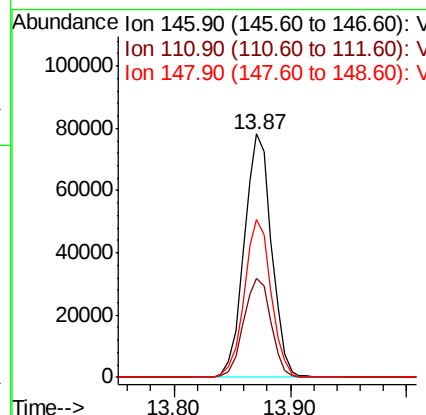
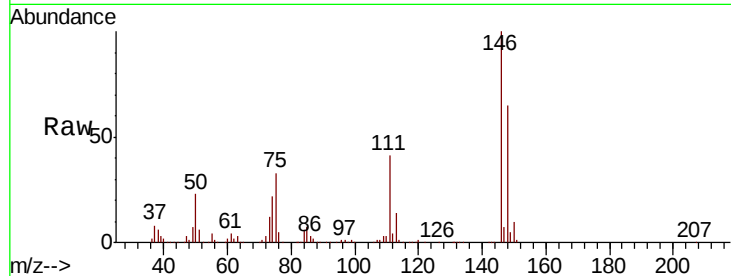




#91
 1,2-Dichlorobenzene
 Concen: 19.308 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

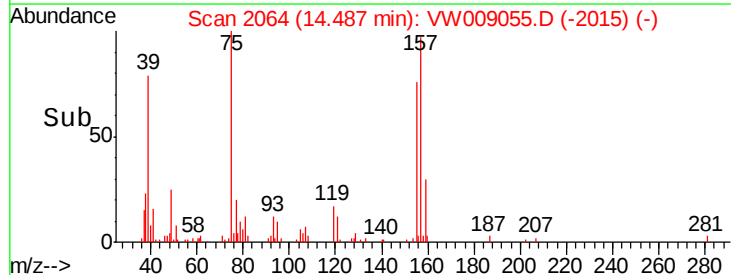
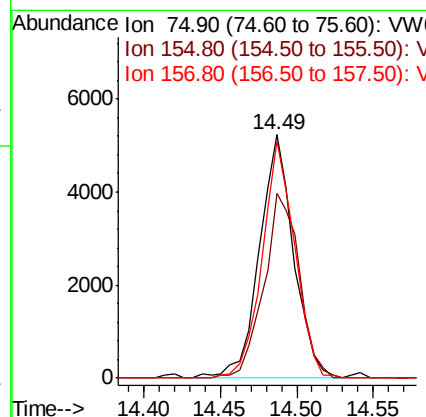
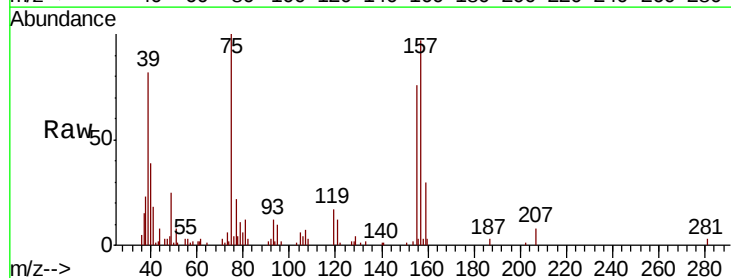
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

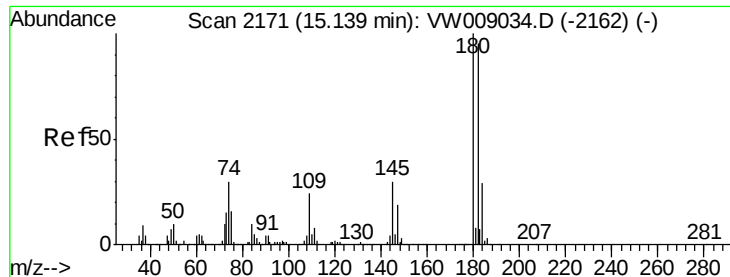
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.1	63.1
148	63.9	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.522 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	40.8	122.4
157	93.1	52.4	157.3

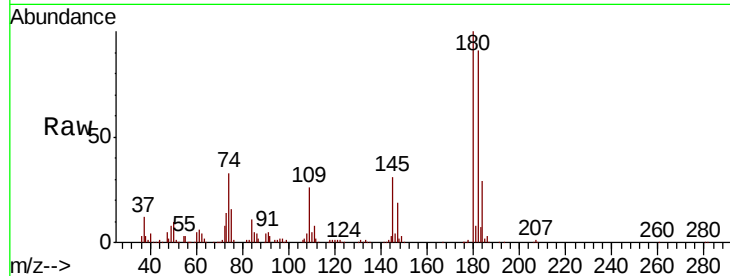




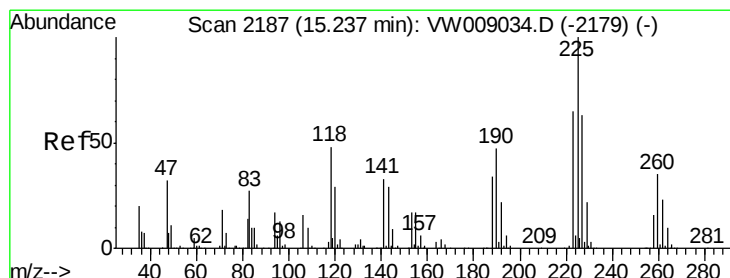
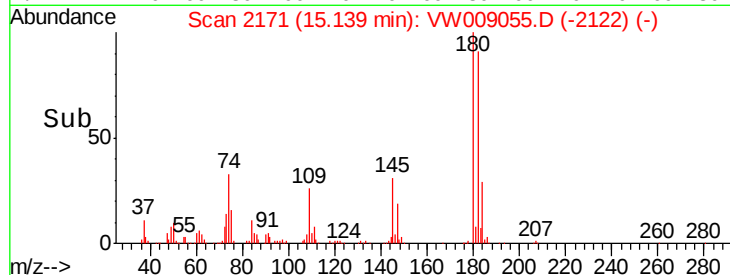
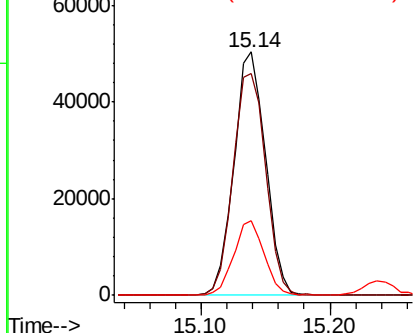
#93
 1,2,4-Trichlorobenzene
 Concen: 19.120 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

Tot Ion:180 Resp: 85534
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.1 144.3
 145 29.7 15.4 46.1

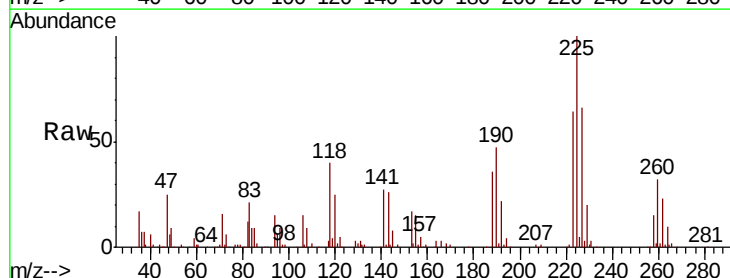


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

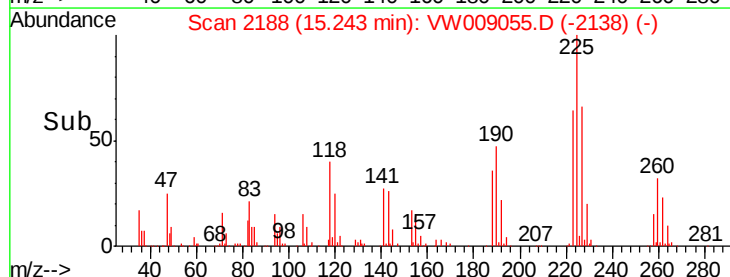
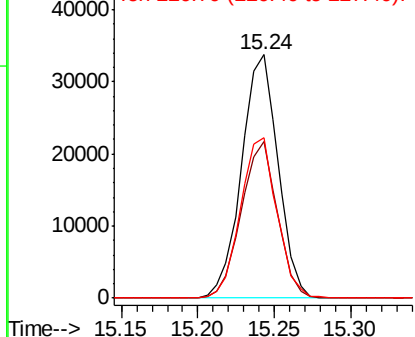


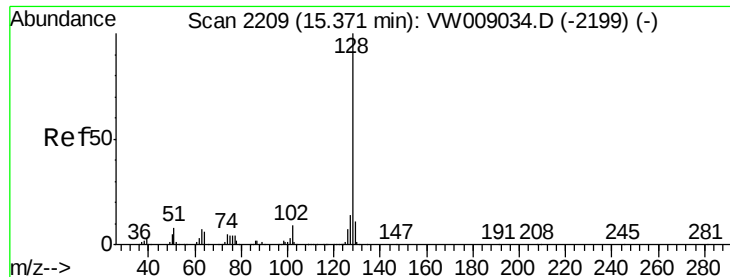
#94
 Hexachlorobutadiene
 Concen: 19.969 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009055.D
 Acq: 08 Mar 2019 15:28

Tgt Ion:225 Resp: 55954
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.6 94.8
 227 65.8 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: 17.348 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

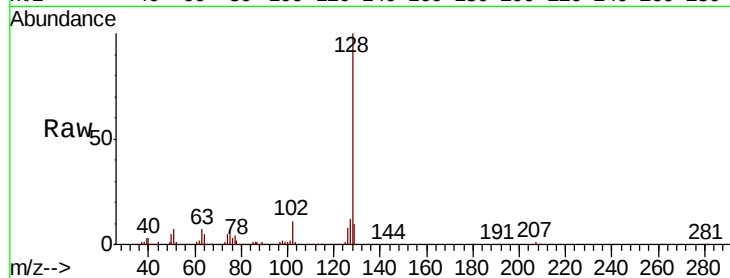
Tot Ion:128 Resp: 127035

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

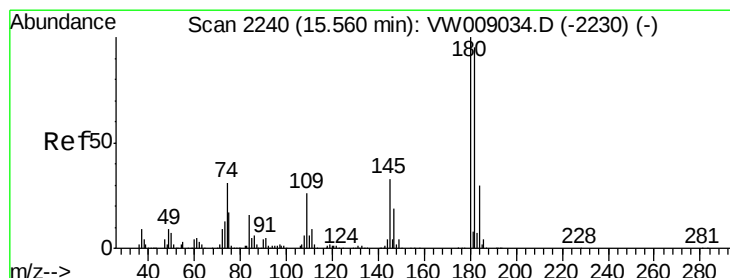
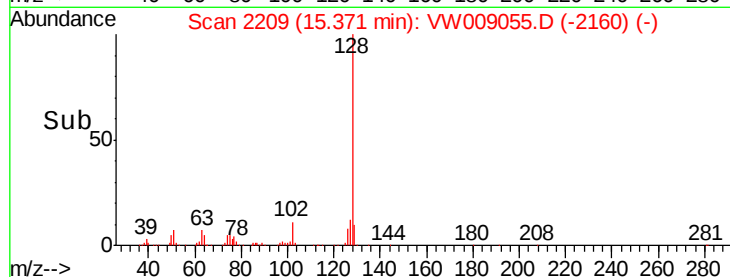
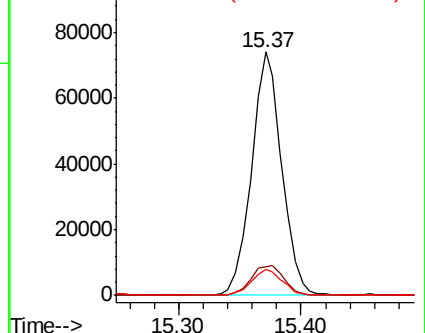
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.692 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW009055.D

Acq: 08 Mar 2019 15:28

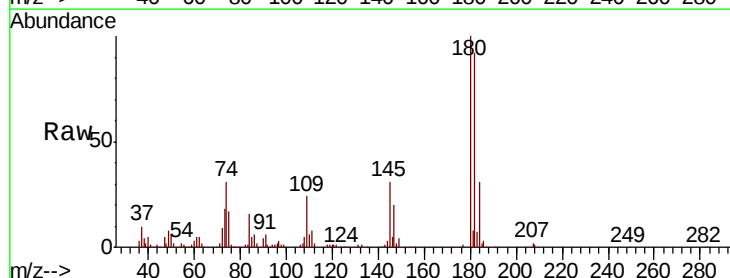
Tgt Ion:180 Resp: 73528

Ion Ratio Lower Upper

180 100

182 91.3 48.1 144.3

145 31.0 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

