

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\
 Data File : VW008746.D
 Acq On : 19 Feb 2019 12:25
 Operator : SY/VA
 Sample : VW0219SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBS01

Quant Time: Feb 20 07:02:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	342975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	503108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	451228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	166067	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	7.88	113	161239	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	10.32	98	612754	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	217480	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	42357	19.282	ug/l	90
3) Chloromethane	2.21	50	55116	17.404	ug/l	99
4) Vinyl Chloride	2.36	62	74834	17.990	ug/l	92
5) Bromomethane	2.78	94	64582	19.620	ug/l	99
6) Chloroethane	2.92	64	58060	18.758	ug/l	97
7) Trichlorofluoromethane	3.24	101	52869	16.318	ug/l	96
8) Diethyl Ether	3.67	74	33106	17.123	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	70318	20.538	ug/l	97
10) Methyl Iodide	4.26	142	106157	19.865	ug/l	100
11) Tert butyl alcohol	5.19	59	19606	68.724	ug/l	96
12) 1,1-Dichloroethene	4.02	96	66755	19.937	ug/l	93
13) Acrolein	3.89	56	23332	79.379	ug/l	98
14) Allyl chloride	4.65	41	101228	18.197	ug/l	97
15) Acrylonitrile	5.37	53	67063	82.410	ug/l	99
16) Acetone	4.12	43	65612	80.863	ug/l	98
17) Carbon Disulfide	4.37	76	193147	19.115	ug/l	96
18) Methyl Acetate	4.67	43	29613	15.971	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	100513	17.100	ug/l	97
20) Methylene Chloride	4.90	84	70506	14.600	ug/l	89
21) trans-1,2-Dichloroethene	5.41	96	69652	18.995	ug/l	98
22) Diisopropyl ether	6.31	45	199725	17.838	ug/l	98
23) Vinyl Acetate	6.25	43	592016	81.469	ug/l	100
24) 1,1-Dichloroethane	6.21	63	122379	18.942	ug/l	100
25) 2-Butanone	7.17	43	89709	78.298	ug/l	93
26) 2,2-Dichloropropane	7.16	77	82747	20.501	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	75984	19.163	ug/l	99
28) Bromochloromethane	7.50	49	54377	19.937	ug/l	95
29) Tetrahydrofuran	7.52	42	55134	73.009	ug/l	96
30) Chloroform	7.66	83	125047	19.316	ug/l	98
31) Cyclohexane	7.95	56	122063	18.718	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	110980	20.298	ug/l	99
36) 1,1-Dichloropropene	8.07	75	103009	20.379	ug/l	98
37) Ethyl Acetate	7.26	43	39547	16.219	ug/l	99
38) Carbon Tetrachloride	8.06	117	106436	21.176	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\
 Data File : VW008746.D
 Acq On : 19 Feb 2019 12:25
 Operator : SY/VA
 Sample : VW0219SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBS01

Quant Time: Feb 20 07:02:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	125946	19.700	ug/l	98
40) Benzene	8.32	78	278013	20.139	ug/l	98
41) Methacrylonitrile	7.48	41	24812	18.086	ug/l	97
42) 1,2-Dichloroethane	8.40	62	82444	19.254	ug/l	100
43) Isopropyl Acetate	8.42	43	76670	15.769	ug/l	94
44) Trichloroethene	9.09	130	78317	20.461	ug/l	92
45) 1,2-Dichloropropane	9.37	63	65436	19.154	ug/l	98
46) Dibromomethane	9.46	93	35361	18.789	ug/l	96
47) Bromodichloromethane	9.64	83	86014	19.017	ug/l	98
48) Methyl methacrylate	9.43	41	36055	16.002	ug/l	96
49) 1,4-Dioxane	9.45	88	10026	333.748	ug/l #	70
51) 4-Methyl-2-Pentanone	10.21	43	197498	79.078	ug/l	100
52) Toluene	10.38	92	176407	19.808	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	85913	18.081	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100875	18.728	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	47848	18.529	ug/l	94
56) Ethyl methacrylate	10.65	69	56022	16.338	ug/l	96
57) 1,3-Dichloropropane	10.93	76	84472	18.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	156796	95.324	ug/l	99
59) 2-Hexanone	10.97	43	136911	78.034	ug/l	100
60) Dibromochloromethane	11.12	129	57302	18.546	ug/l	97
61) 1,2-Dibromoethane	11.23	107	46933	18.459	ug/l	99
64) Tetrachloroethene	10.86	164	67941	20.248	ug/l	98
65) Chlorobenzene	11.66	112	192444	19.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	67967	19.727	ug/l	99
67) Ethyl Benzene	11.73	91	344838	19.905	ug/l	98
68) m/p-Xylenes	11.84	106	267245	39.646	ug/l	99
69) o-Xylene	12.16	106	123418	19.370	ug/l	96
70) Styrene	12.18	104	194915	18.729	ug/l	99
71) Bromoform	12.35	173	32260	17.378	ug/l #	99
73) Isopropylbenzene	12.46	105	342462	19.366	ug/l	99
74) N-amyl acetate	12.27	43	72163	15.090	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	53285	17.318	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	37862m	16.151	ug/l	
77) Bromobenzene	12.75	156	78752	19.373	ug/l	94
78) n-propylbenzene	12.80	91	414426	19.723	ug/l	100
79) 2-Chlorotoluene	12.90	91	230179	19.383	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	286427	19.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14977	15.896	ug/l	96
82) 4-Chlorotoluene	12.99	91	242130	19.239	ug/l	98
83) tert-Butylbenzene	13.21	119	248345	19.471	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	294487	19.506	ug/l	99
85) sec-Butylbenzene	13.38	105	364093	19.605	ug/l	100
86) p-Isopropyltoluene	13.50	119	327994	19.742	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	163021	19.783	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	162954	20.065	ug/l	100
89) n-Butylbenzene	13.83	91	306530	19.416	ug/l	99
90) Hexachloroethane	14.10	117	56734	19.546	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	141109	19.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8721	16.311	ug/l	96

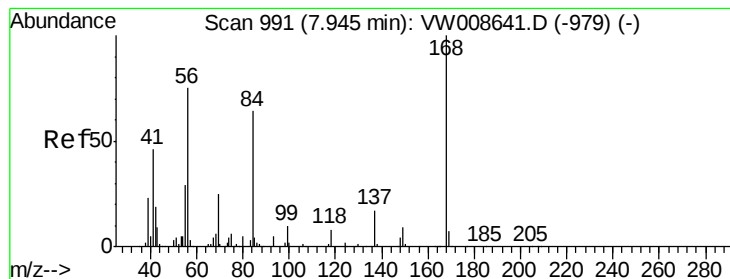
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021919\
Data File : VW008746.D
Acq On : 19 Feb 2019 12:25
Operator : SY/VA
Sample : VW0219SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

Quant Time: Feb 20 07:02:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	102218	19.668	ug/l	99
94) Hexachlorobutadiene	15.24	225	66557	22.000	ug/l	98
95) Naphthalene	15.37	128	162944	17.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	88338	19.808	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

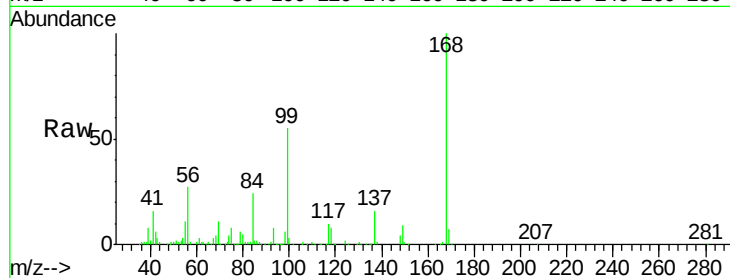
VW0219SBS01

Tot Ion:168 Resp: 342975

Ion Ratio Lower Upper

168 100

99 55.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

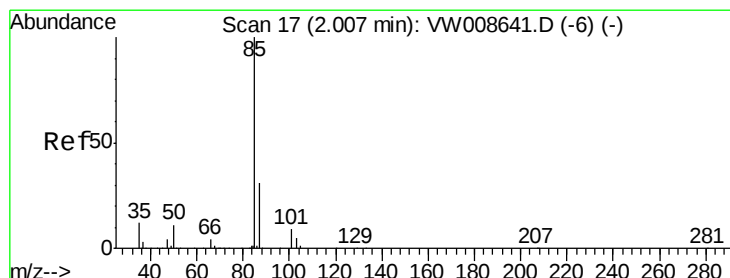
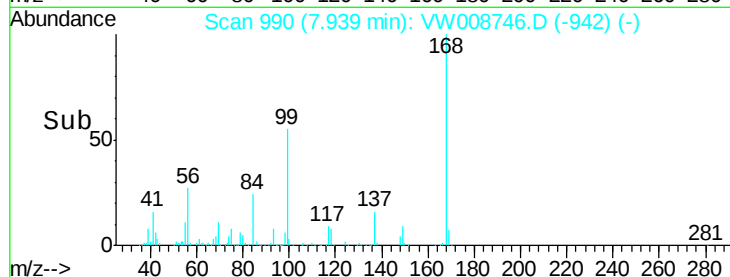
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.282 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW008746.D

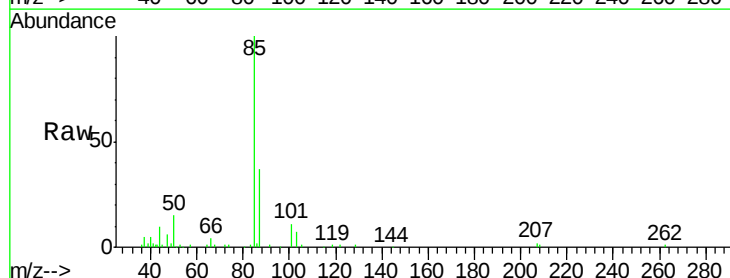
Acq: 19 Feb 2019 12:25

Tgt Ion: 85 Resp: 42357

Ion Ratio Lower Upper

85 100

87 36.6 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

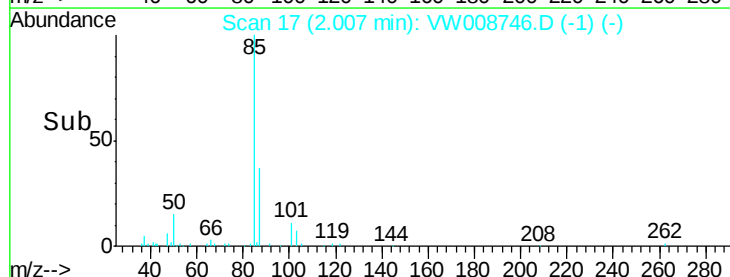
15000

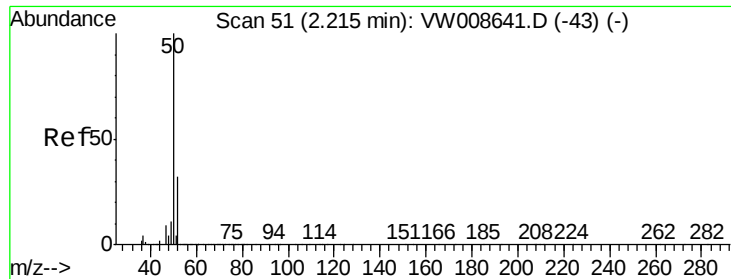
10000

5000

0

Time-->





#3

Chloromethane

Concen: 17.404 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

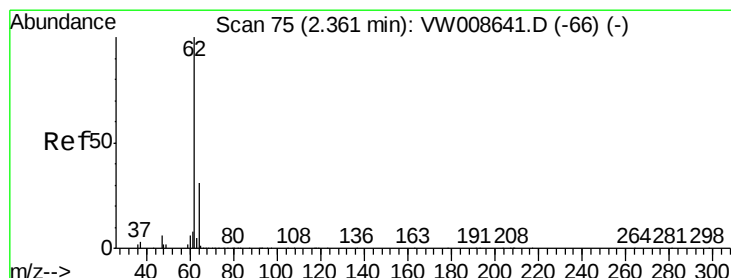
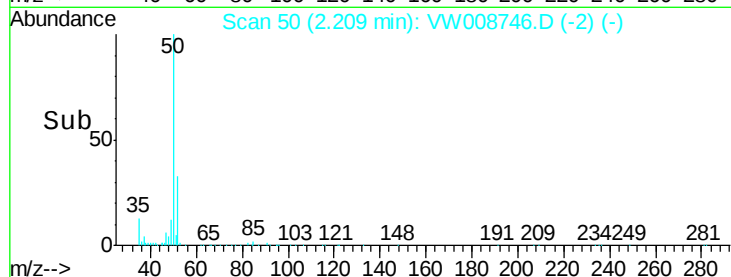
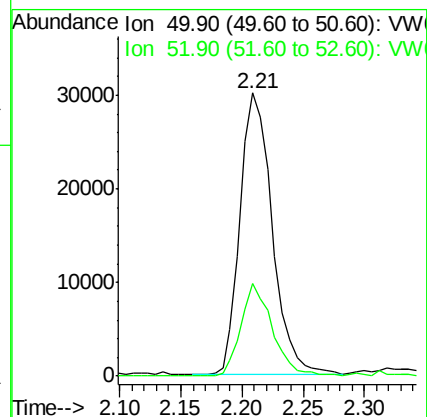
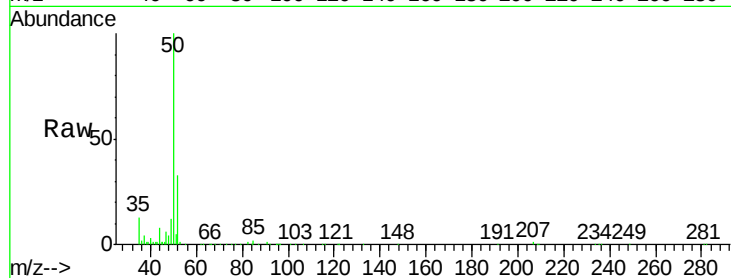
VW0219SBS01

Tot Ion: 50 Resp: 55116

Ion Ratio Lower Upper

50 100

52 33.0 26.0 39.0



#4

Vinyl Chloride

Concen: 17.990 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW008746.D

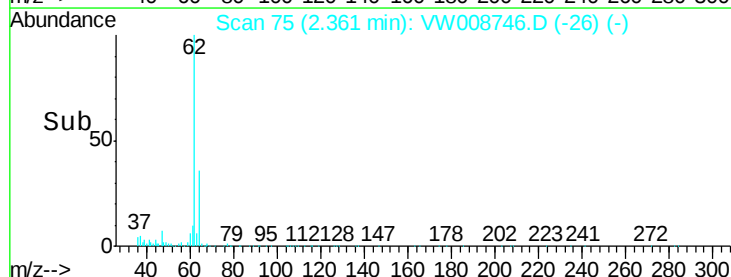
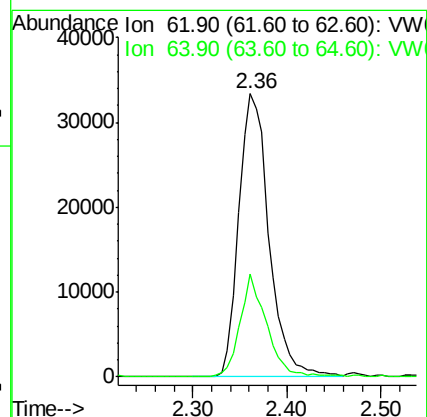
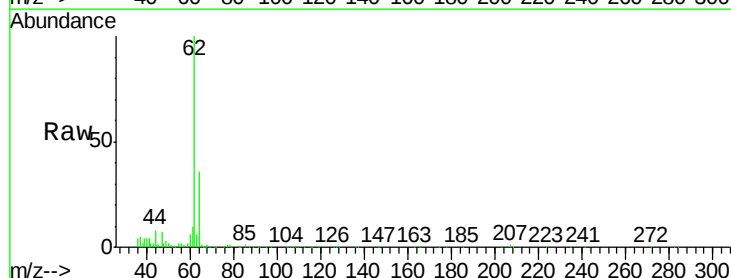
Acq: 19 Feb 2019 12:25

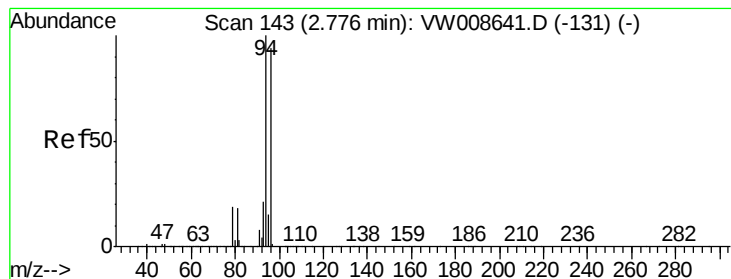
Tgt Ion: 62 Resp: 74834

Ion Ratio Lower Upper

62 100

64 36.1 25.1 37.7





#5

Bromomethane

Concen: 19.620 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

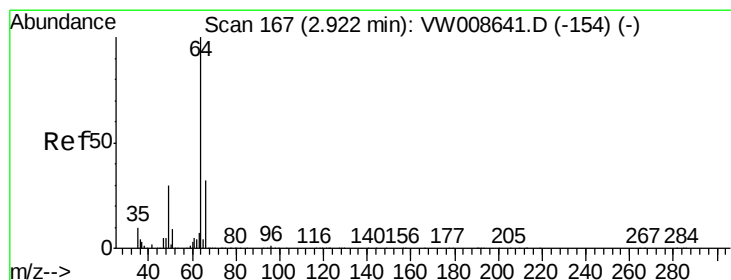
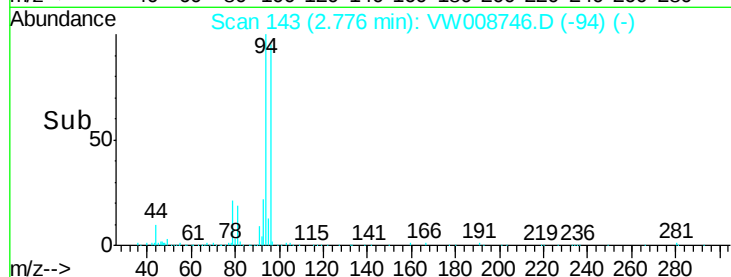
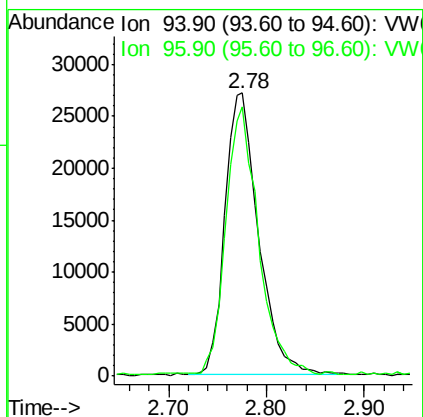
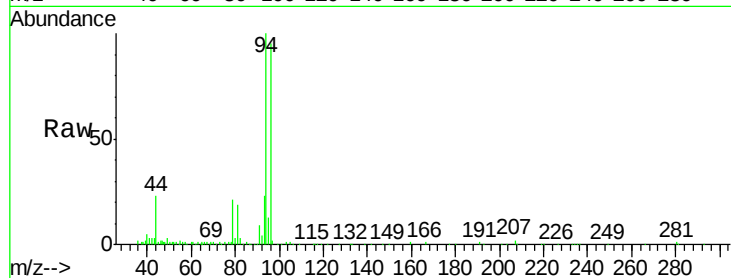
VW0219SBS01

Tot Ion: 94 Resp: 64582

Ion Ratio Lower Upper

94 100

96 95.0 75.5 113.3



#6

Chloroethane

Concen: 18.758 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW008746.D

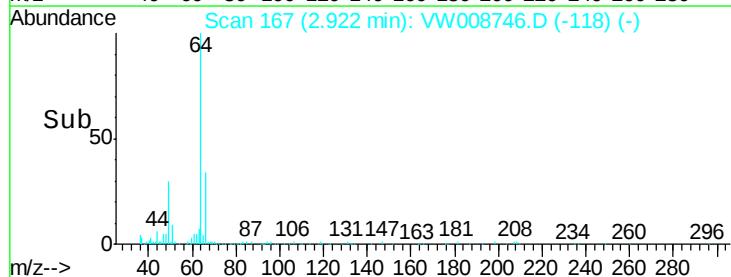
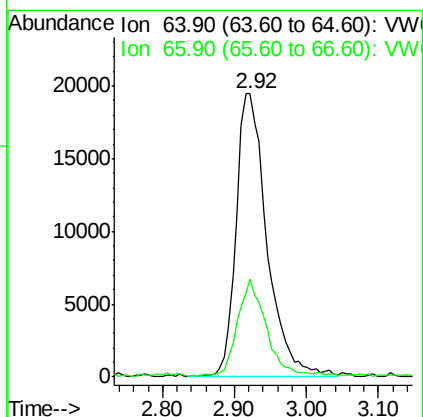
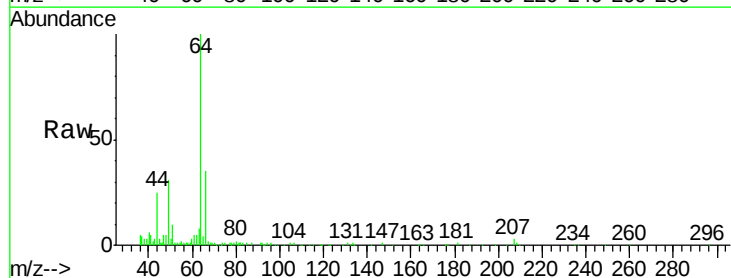
Acq: 19 Feb 2019 12:25

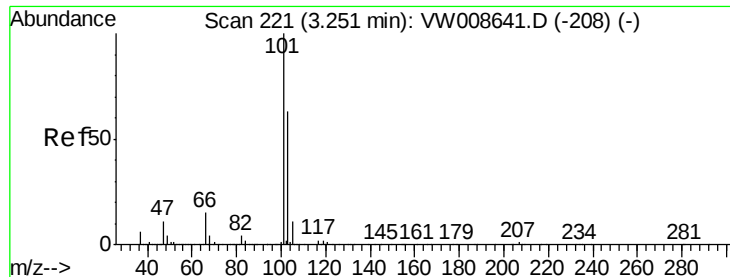
Tgt Ion: 64 Resp: 58060

Ion Ratio Lower Upper

64 100

66 34.6 26.2 39.4



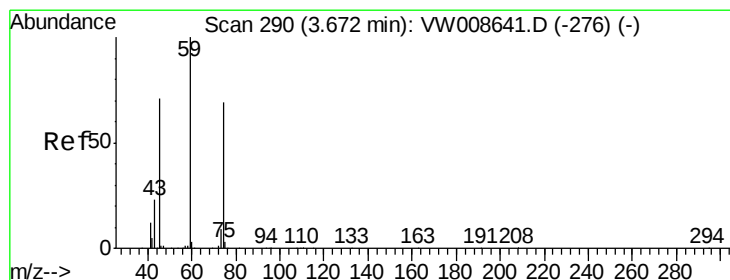
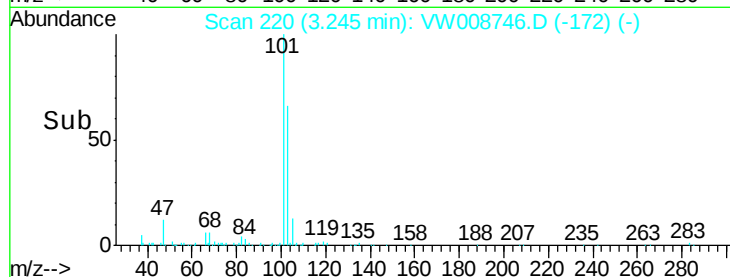
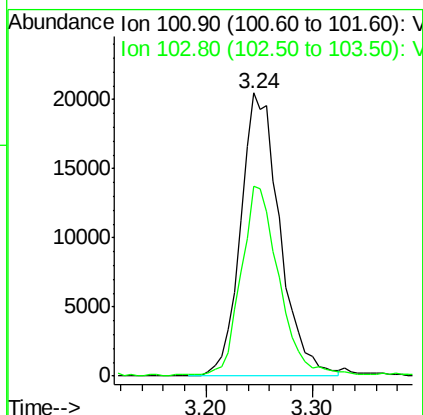
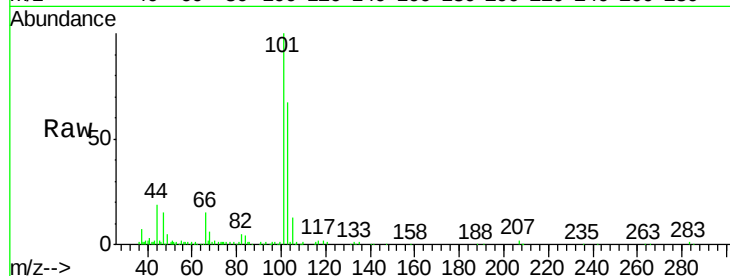


#7

Trichlorofluoromethane
Concen: 16.318 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

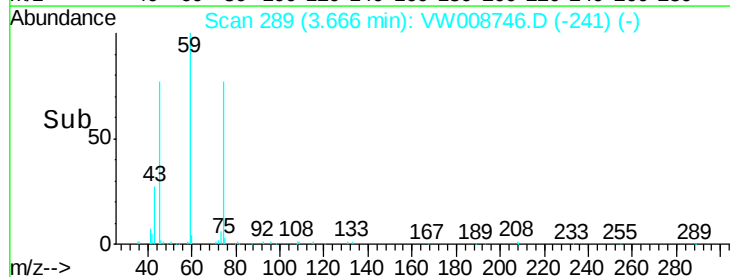
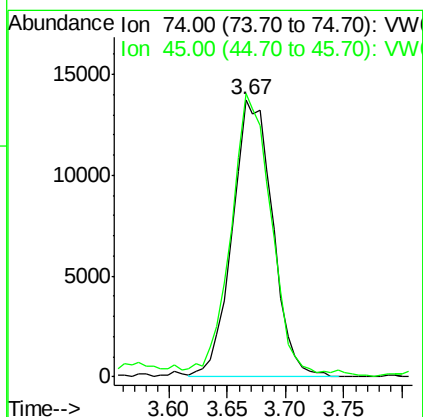
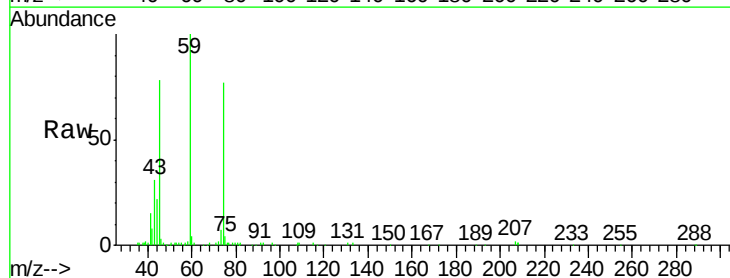
Tot Ion:101 Resp: 52869
Ion Ratio Lower Upper
101 100
103 66.4 50.5 75.7

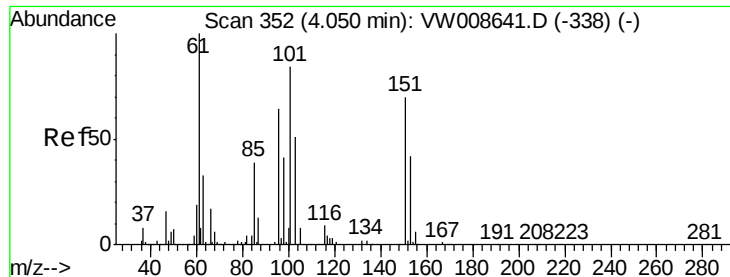


#8

Diethyl Ether
Concen: 17.123 ug/l
RT: 3.67 min Scan# 289
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 74 Resp: 33106
Ion Ratio Lower Upper
74 100
45 98.0 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.538 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

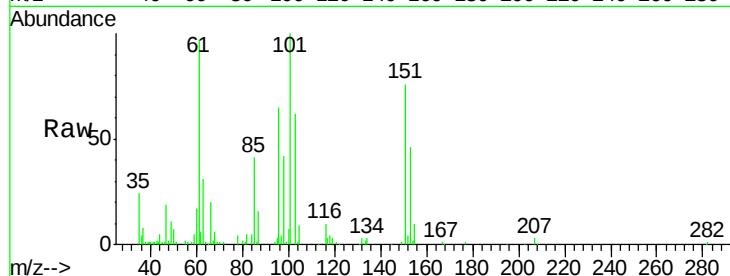
Tot Ion:101 Resp: 70318

Ion Ratio Lower Upper

101 100

85 46.1 34.3 51.5

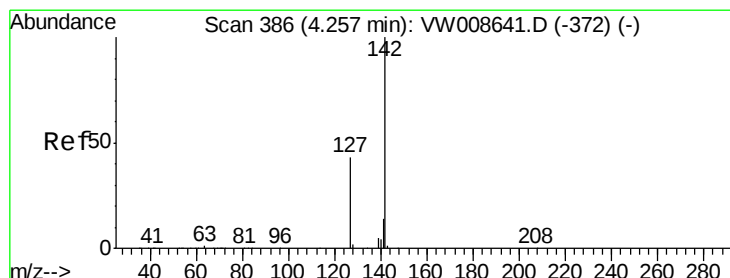
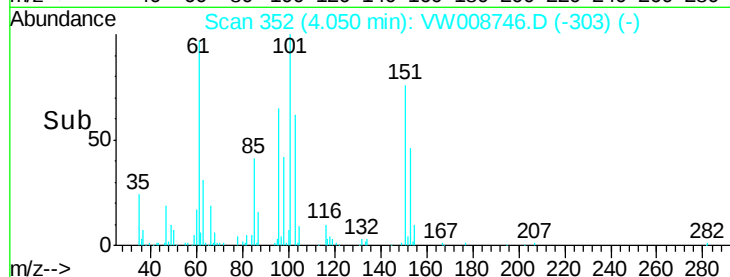
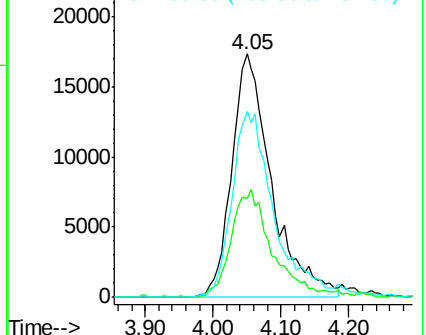
151 80.0 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.865 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

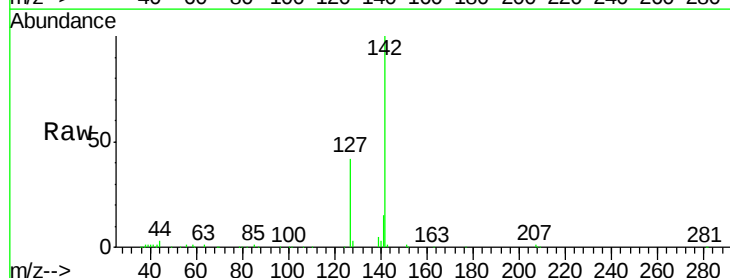
Tgt Ion:142 Resp: 106157

Ion Ratio Lower Upper

142 100

127 43.5 34.8 52.2

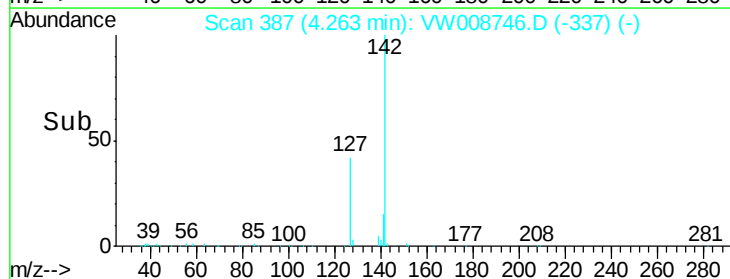
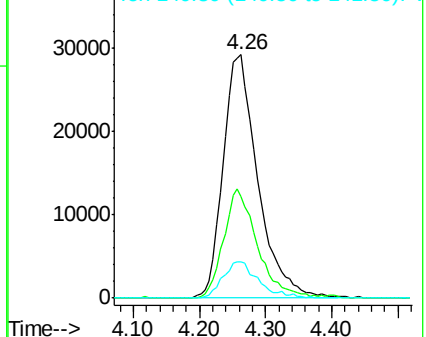
141 15.4 11.8 17.8

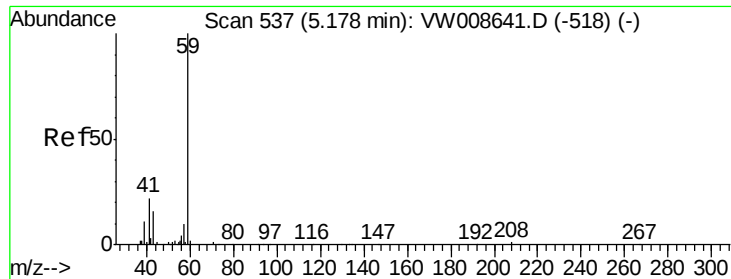


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

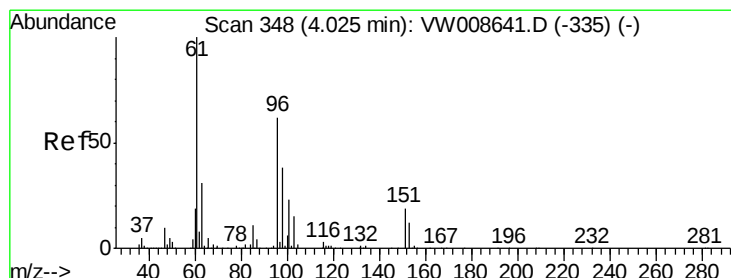
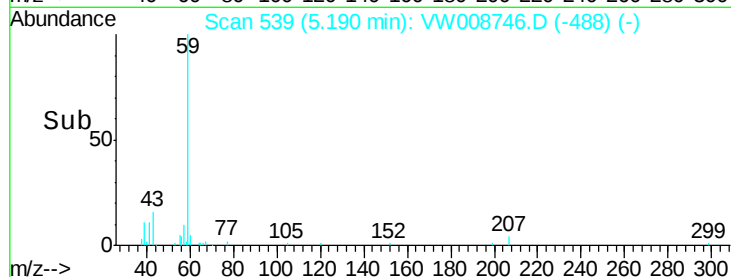
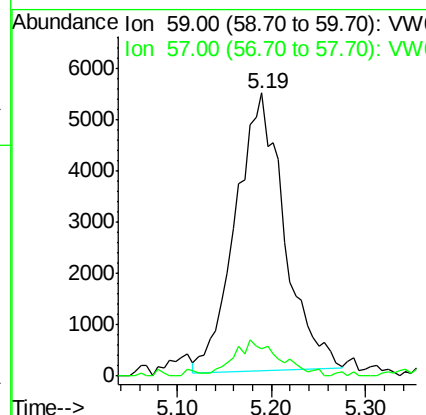
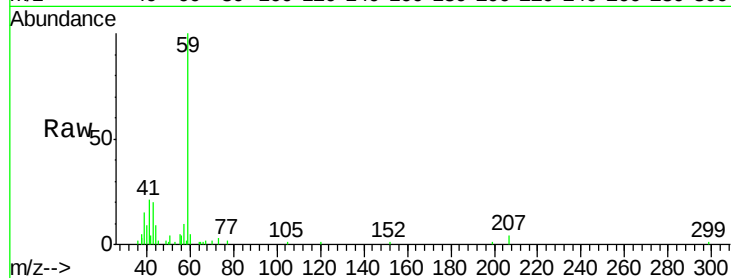




#11
Tert butyl alcohol
Concen: 68.724 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

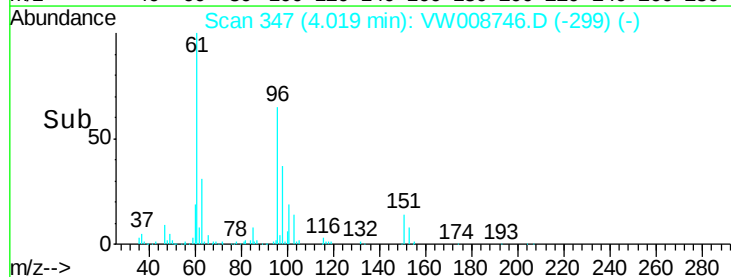
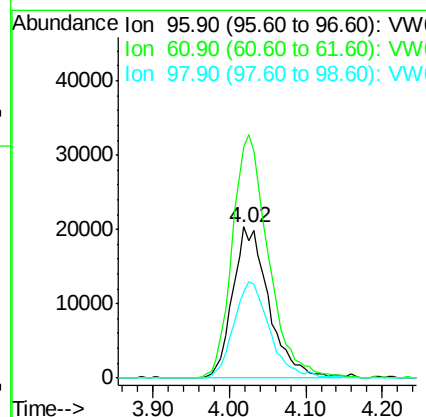
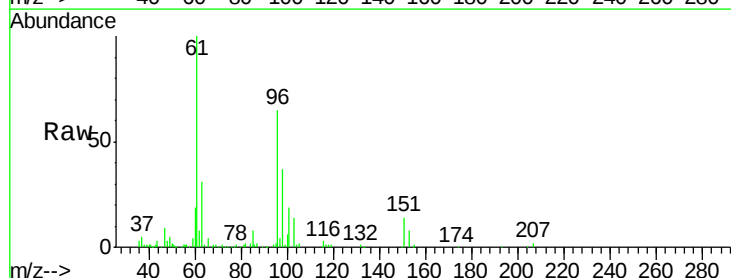
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

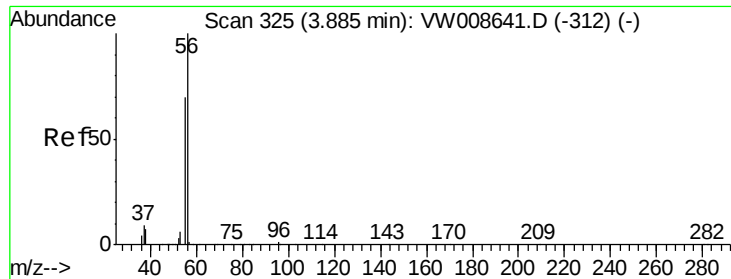
Tot Ion: 59 Resp: 19606
Ion Ratio Lower Upper
59 100
57 12.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.937 ug/l
RT: 4.02 min Scan# 347
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 96 Resp: 66755
Ion Ratio Lower Upper
96 100
61 152.6 129.8 194.6
98 57.2 49.3 73.9





#13

Acrolein

Concen: 79.379 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

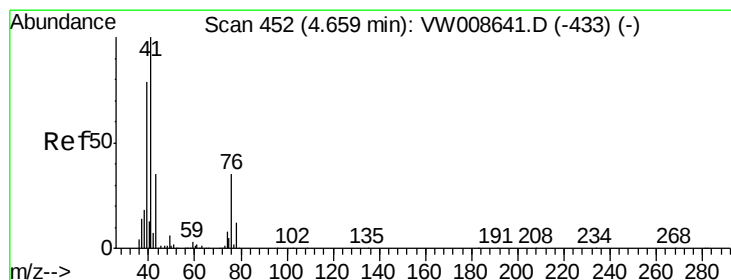
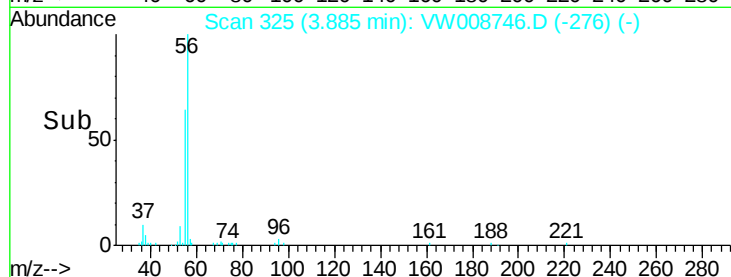
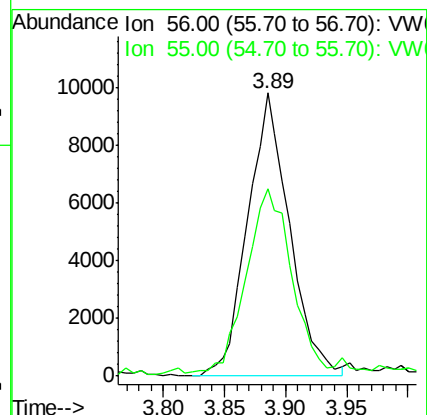
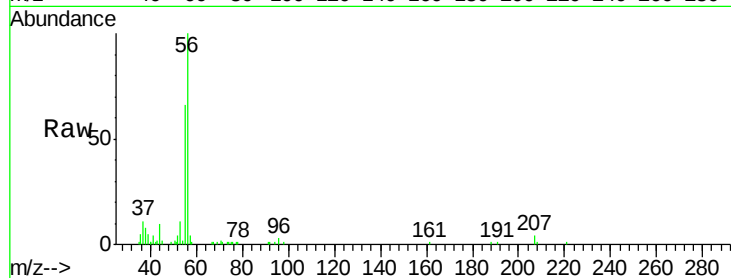
VW0219SBS01

Tot Ion: 56 Resp: 23332

Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.2



#14

Allyl chloride

Concen: 18.197 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

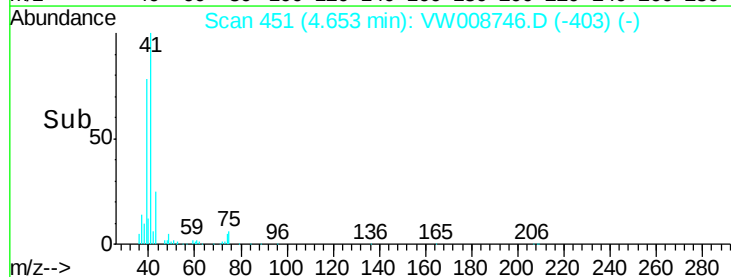
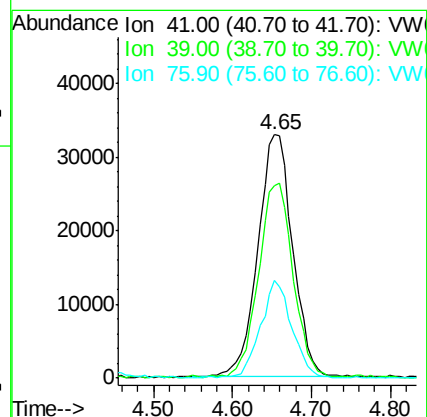
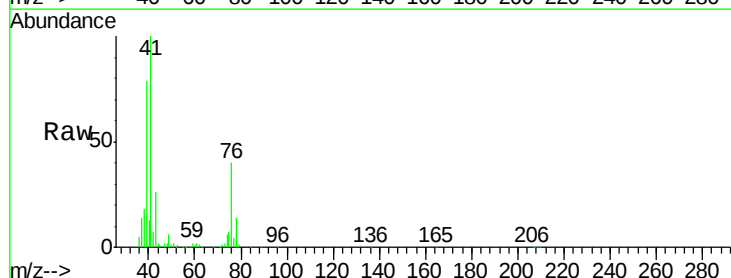
Tgt Ion: 41 Resp: 101228

Ion Ratio Lower Upper

41 100

39 79.4 61.7 92.5

76 36.2 27.7 41.5





#15

Acrylonitrile

Concen: 82.410 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

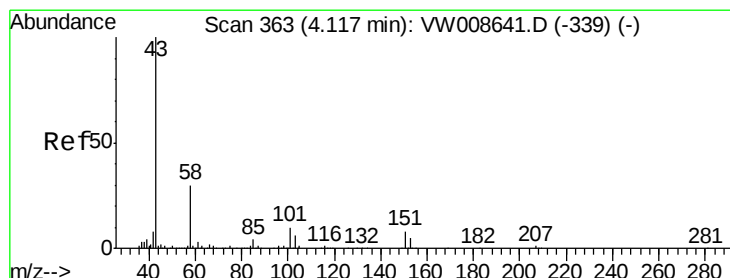
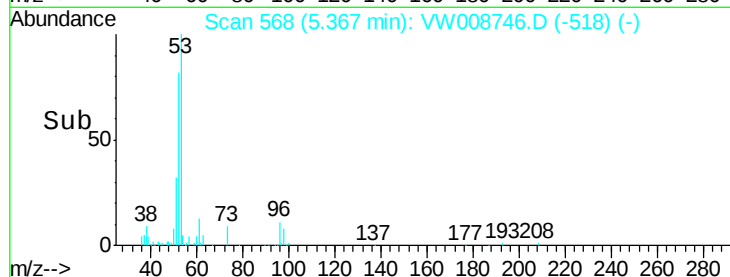
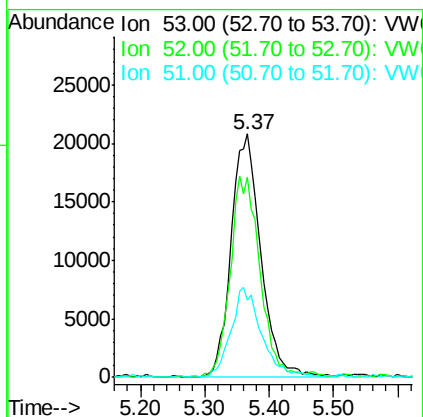
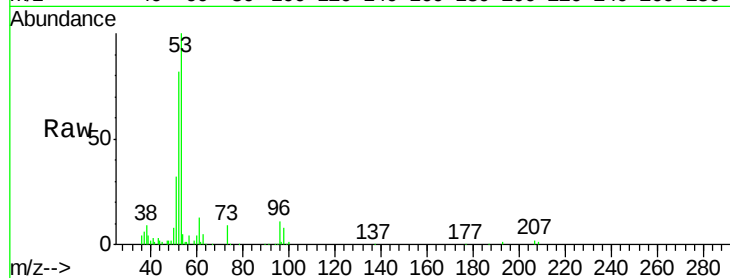
Tot Ion: 53 Resp: 67063

Ion Ratio Lower Upper

53 100

52 82.3 66.8 100.2

51 37.0 29.4 44.0



#16

Acetone

Concen: 80.863 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008746.D

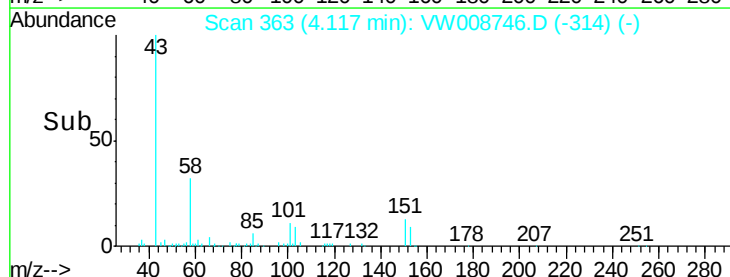
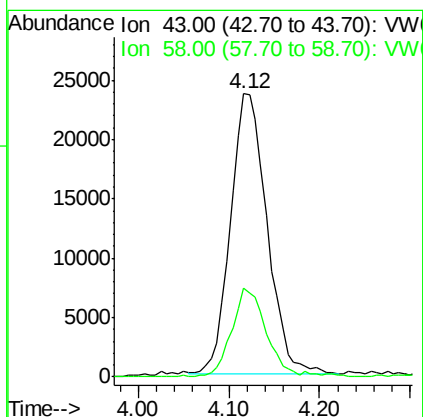
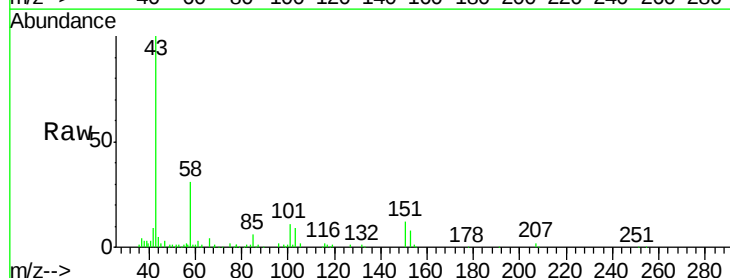
Acq: 19 Feb 2019 12:25

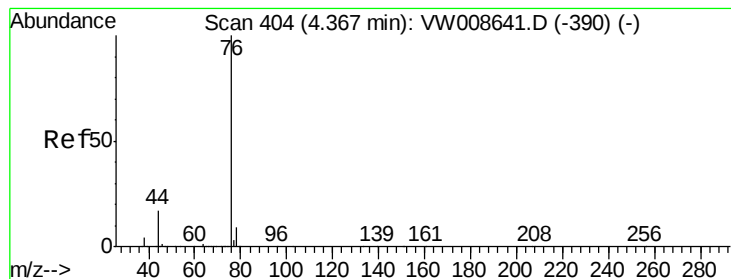
Tgt Ion: 43 Resp: 65612

Ion Ratio Lower Upper

43 100

58 31.3 24.1 36.1





#17

Carbon Disulfide

Concen: 19.115 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

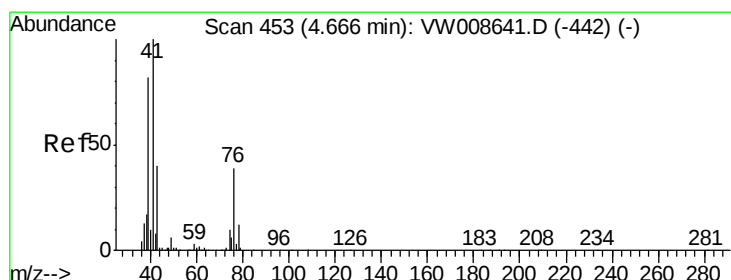
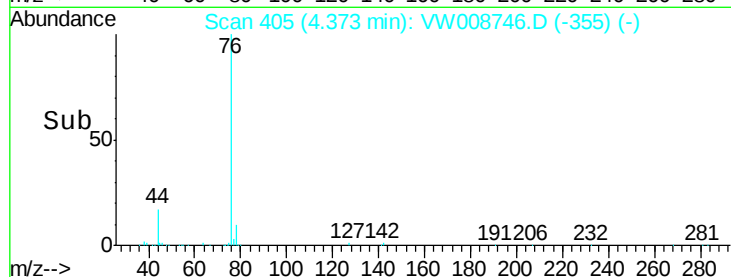
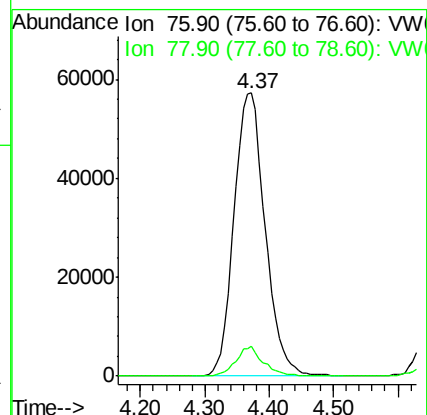
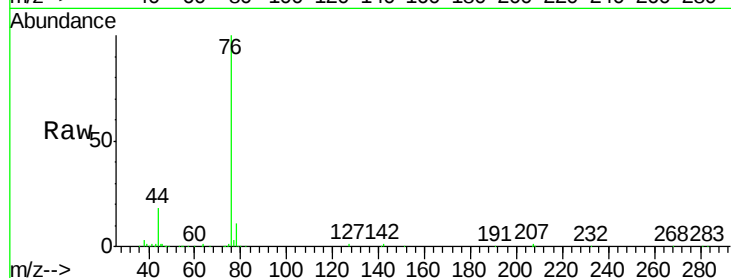
VW0219SBS01

Tot Ion: 76 Resp: 193147

Ion Ratio Lower Upper

76 100

78 10.5 7.1 10.7



#18

Methyl Acetate

Concen: 15.971 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008746.D

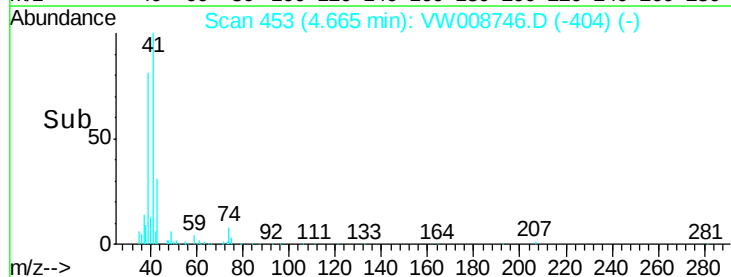
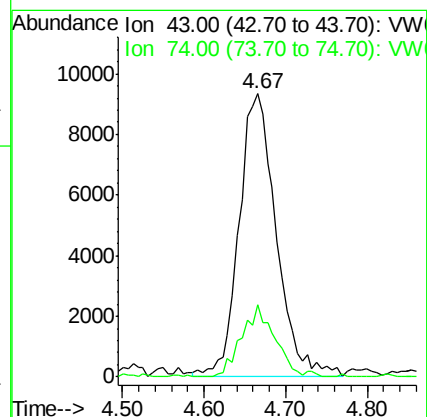
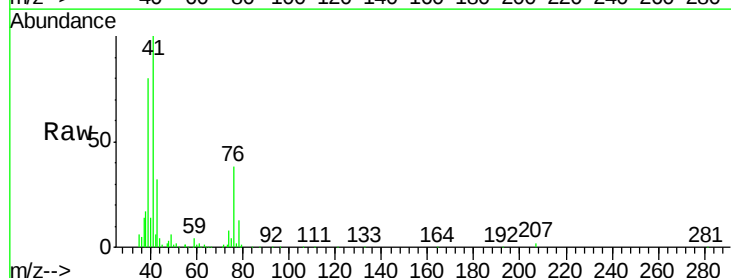
Acq: 19 Feb 2019 12:25

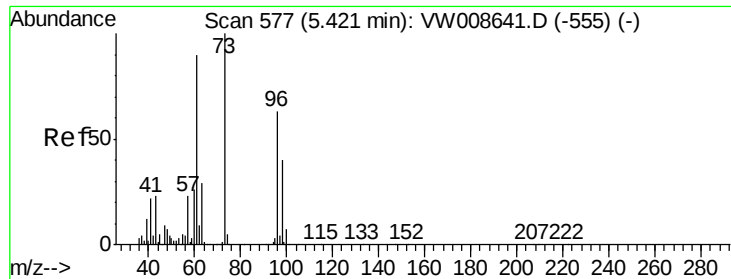
Tgt Ion: 43 Resp: 29613

Ion Ratio Lower Upper

43 100

74 22.3 19.0 28.4

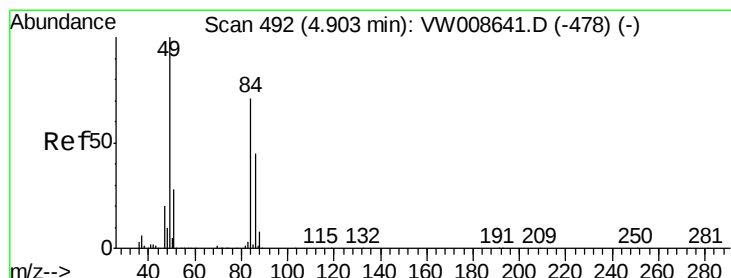
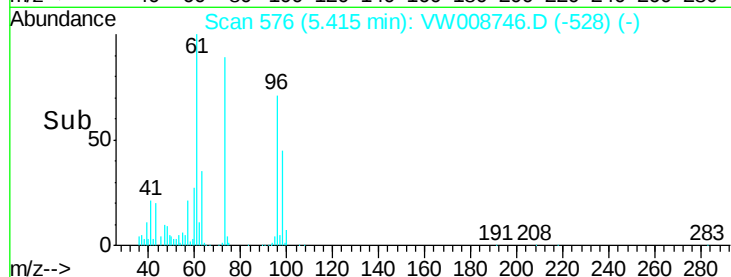
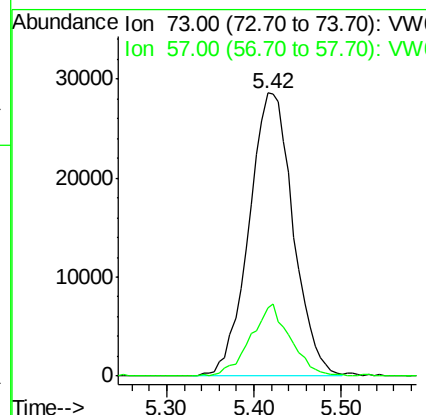
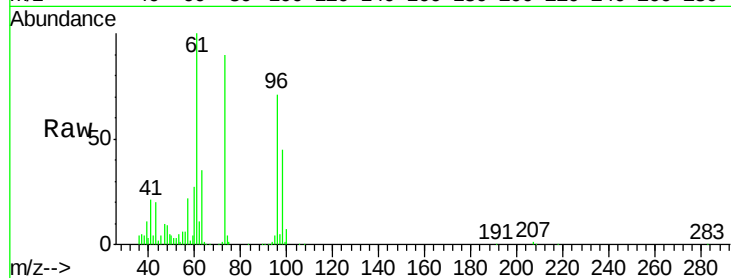




#19
Methvl tert-butvl Ether
Concen: 17.100 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

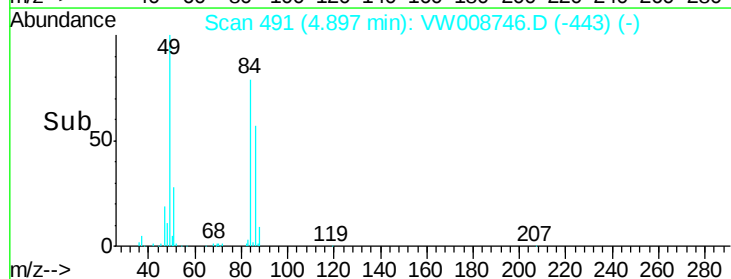
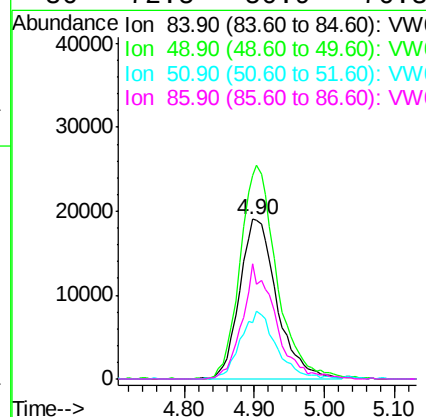
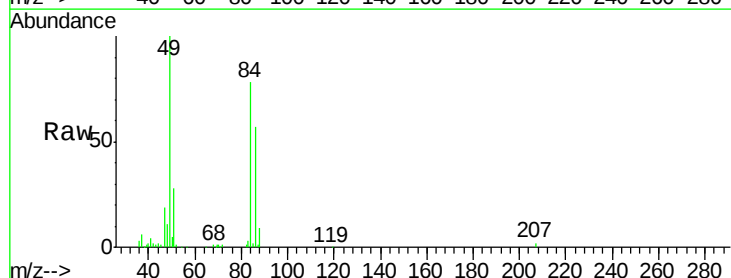
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

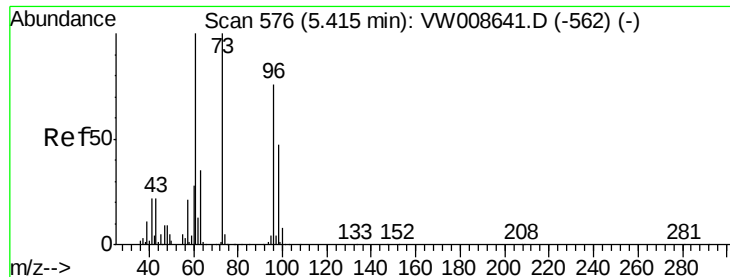
Tot Ion: 73 Resp: 100513
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.2



#20
Methylene Chloride
Concen: 14.600 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 84 Resp: 70506
Ion Ratio Lower Upper
84 100
49 127.4 113.3 169.9
51 35.7 32.1 48.1
86 72.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.995 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

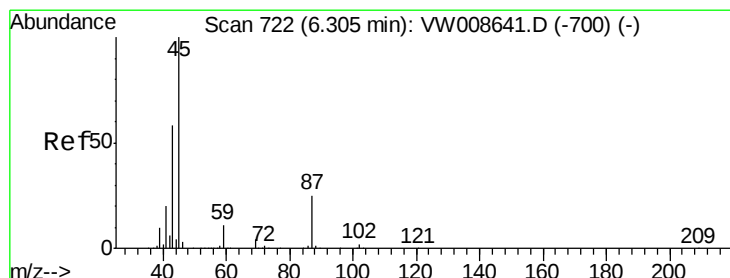
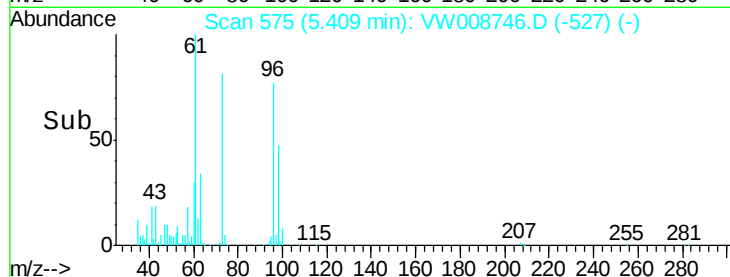
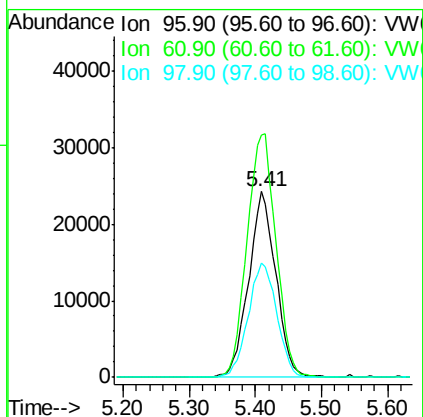
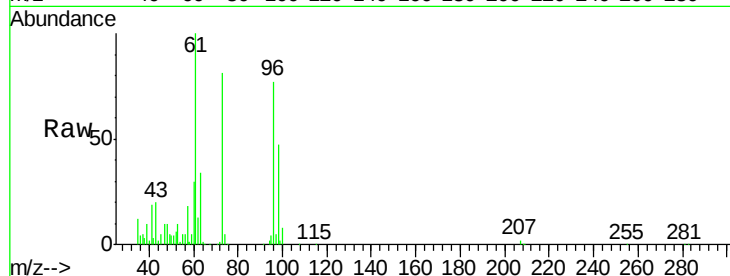
Tot Ion: 96 Resp: 69652

Ion Ratio Lower Upper

96 100

61 130.0 105.9 158.9

98 61.6 49.8 74.6



#22

Diisopropyl ether

Concen: 17.838 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Tgt Ion: 45 Resp: 199725

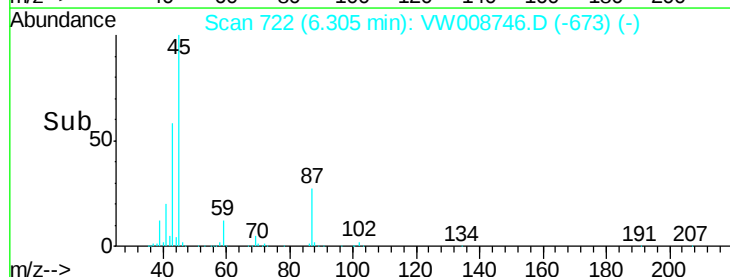
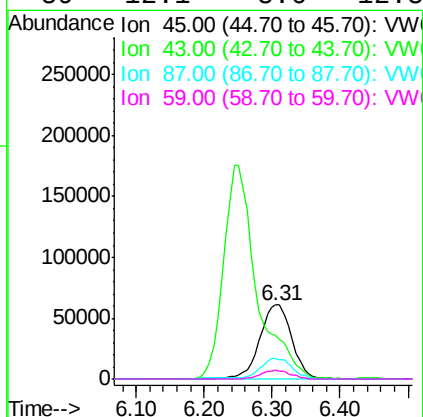
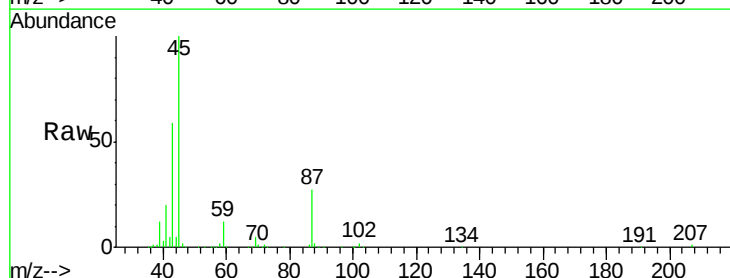
Ion Ratio Lower Upper

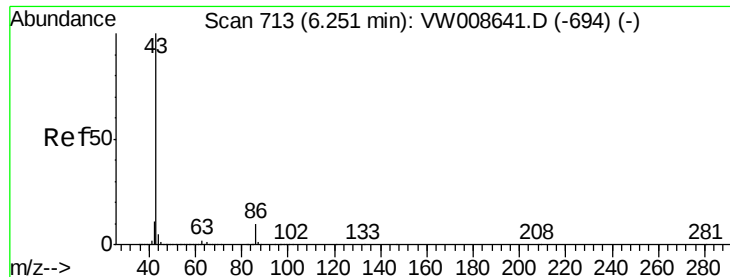
45 100

43 58.4 46.1 69.1

87 27.4 20.5 30.7

59 12.1 8.6 12.8





#23

Vinyl Acetate

Concen: 81.469 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

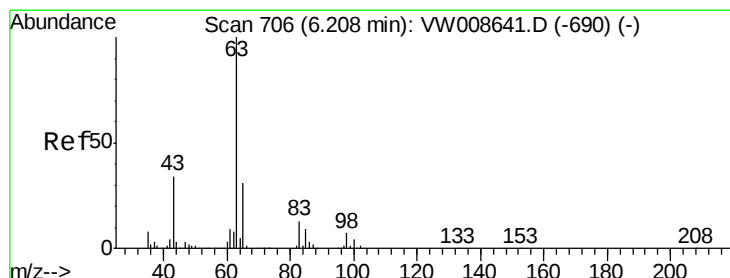
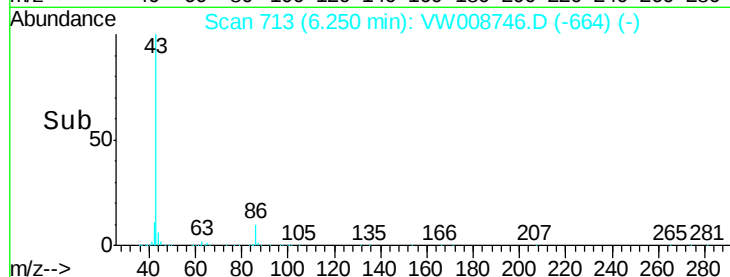
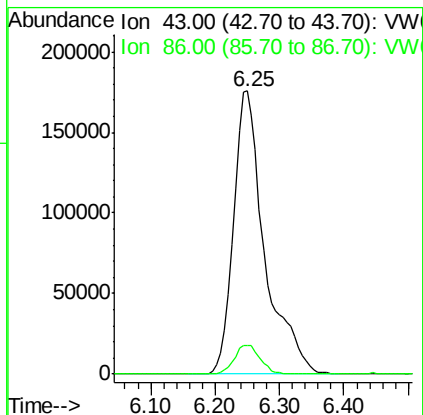
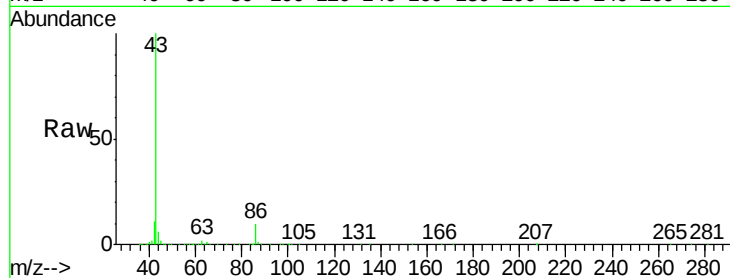
VW0219SBS01

Tot Ion: 43 Resp: 592016

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



#24

1,1-Dichloroethane

Concen: 18.942 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

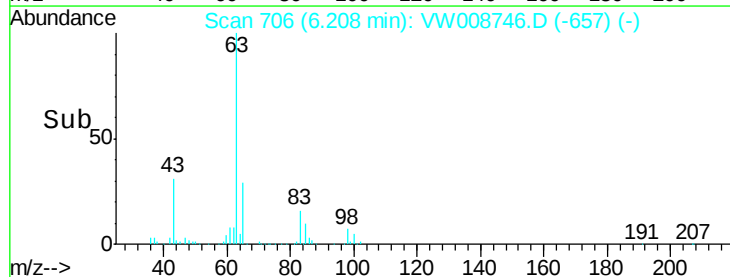
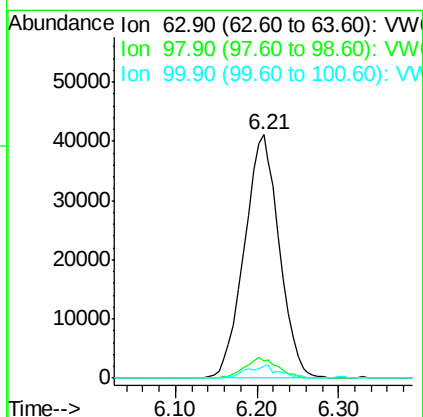
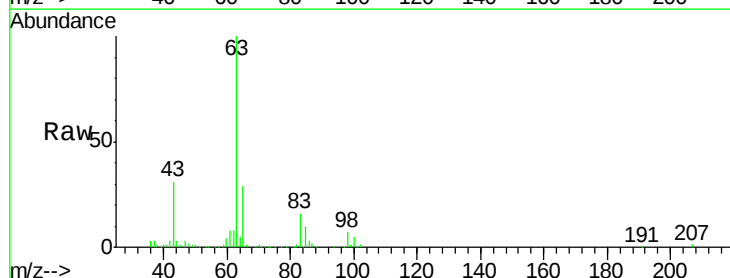
Tgt Ion: 63 Resp: 122379

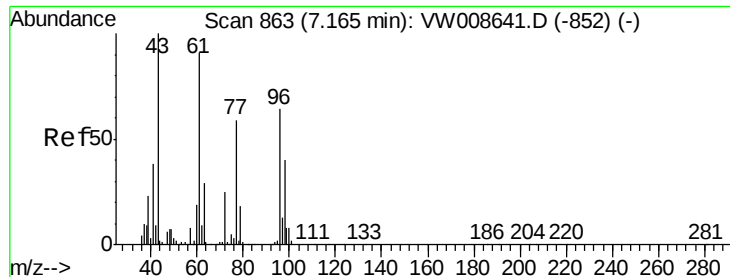
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 78.298 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

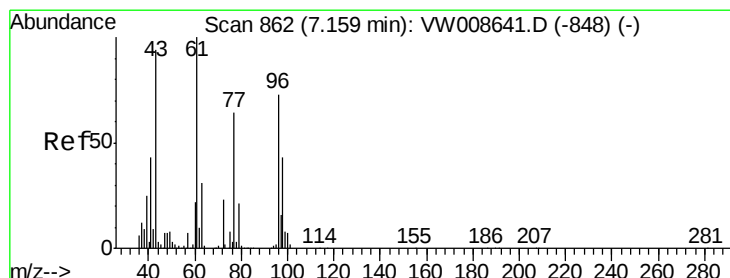
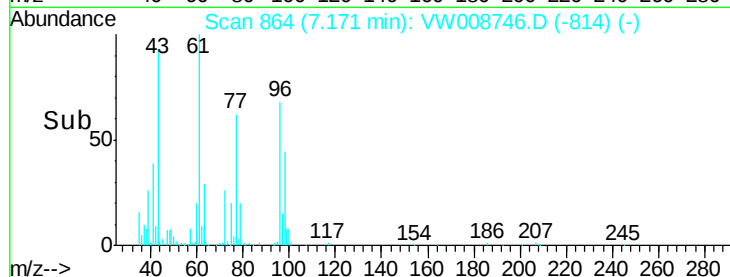
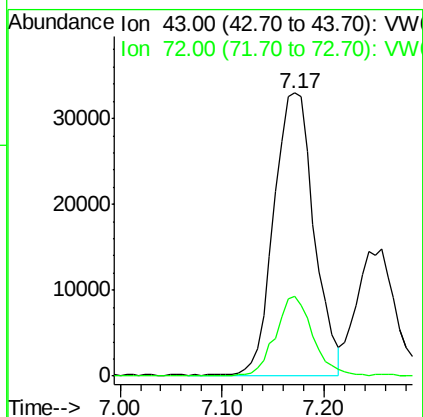
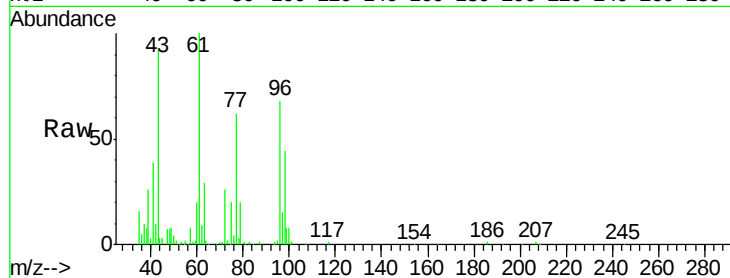
VW0219SBS01

Tot Ion: 43 Resp: 89709

Ion Ratio Lower Upper

43 100

72 28.2 19.7 29.5



#26

2,2-Dichloropropane

Concen: 20.501 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW008746.D

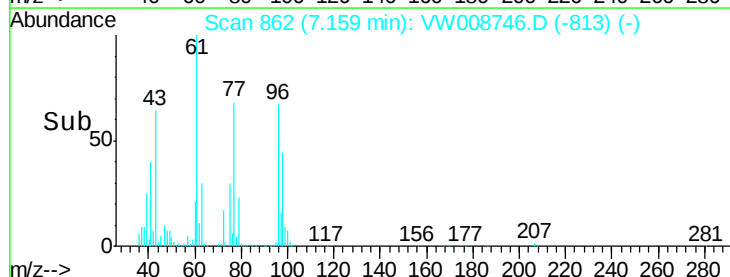
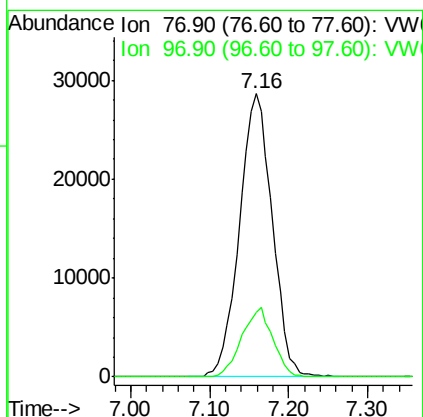
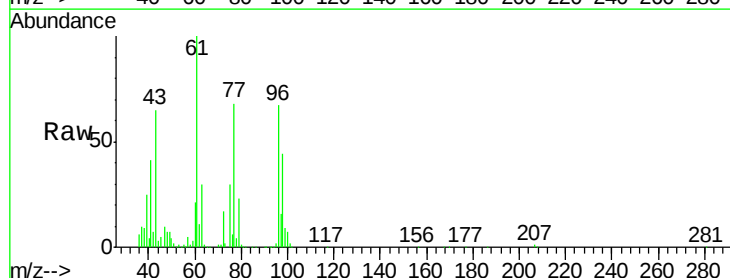
Acq: 19 Feb 2019 12:25

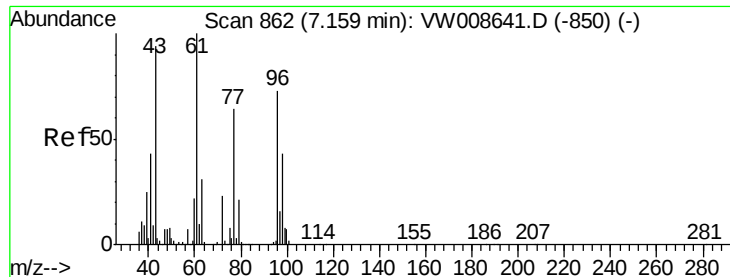
Tgt Ion: 77 Resp: 82747

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



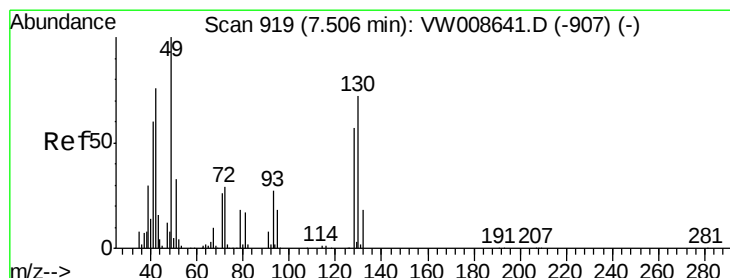
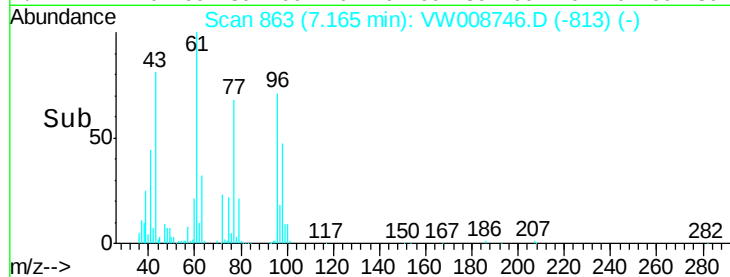
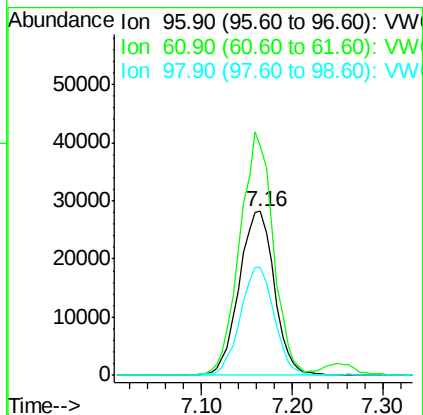
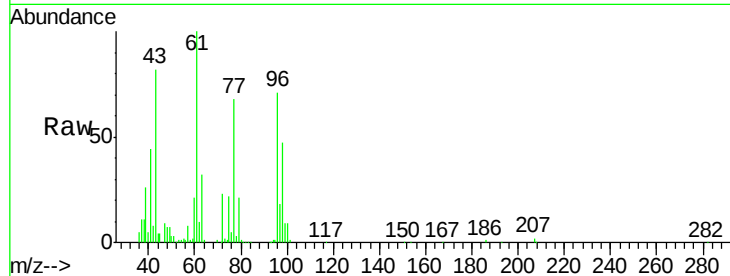


#27

cis-1,2-Dichloroethene
Concen: 19.163 ug/l
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Instrument :
MSVOA_W
ClientSampled :
VW0219SBS01

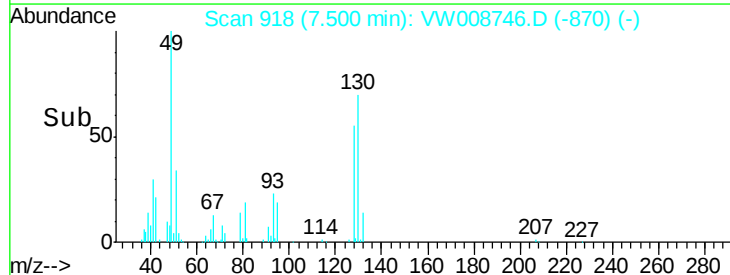
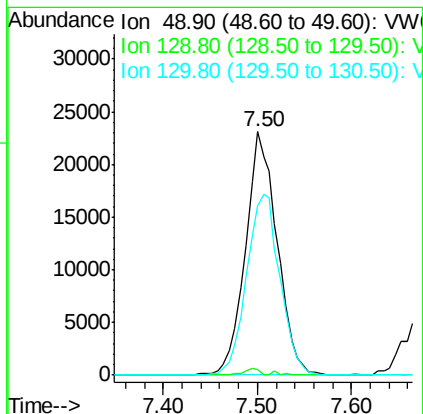
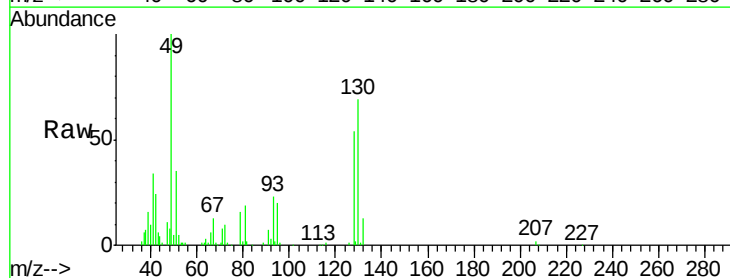
Tot Ion: 96 Resp: 75984
Ion Ratio Lower Upper
96 100
61 141.2 0.0 286.4
98 63.4 0.0 125.0

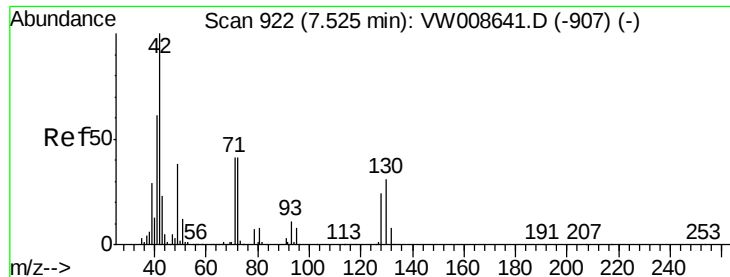


#28

Bromochloromethane
Concen: 19.937 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 49 Resp: 54377
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.2
130 78.3 59.4 89.0

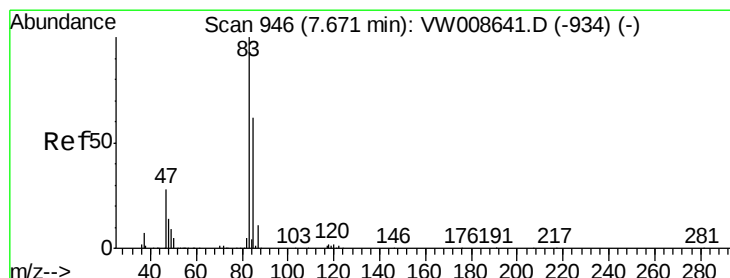
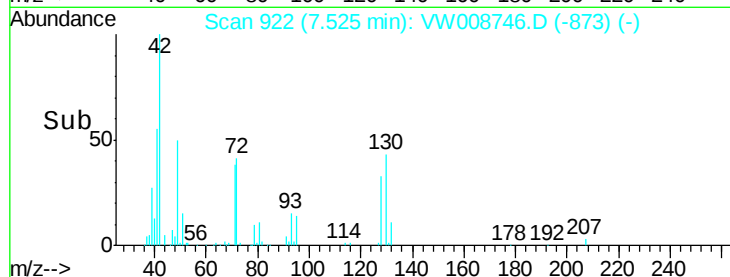
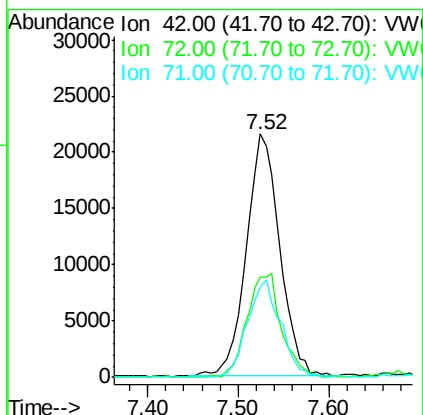
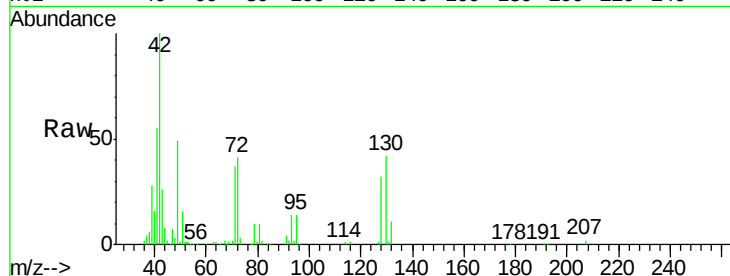




#29
Tetrahydrofuran
Concen: 73.009 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

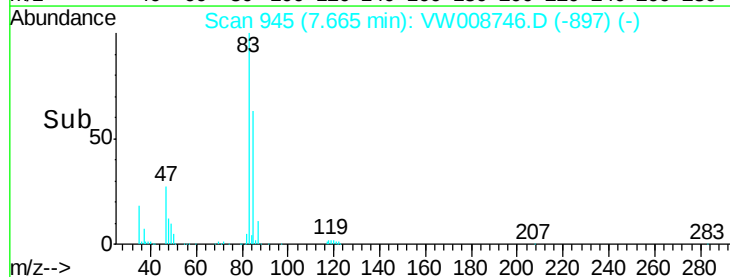
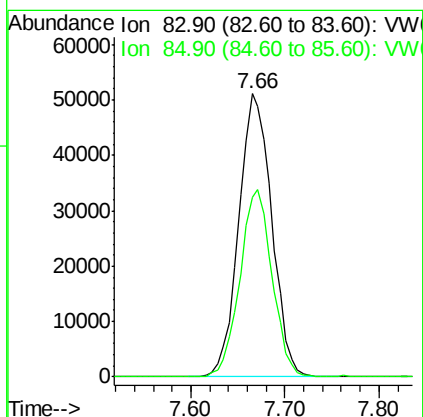
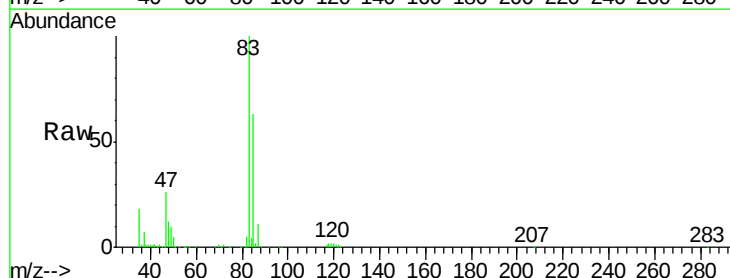
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

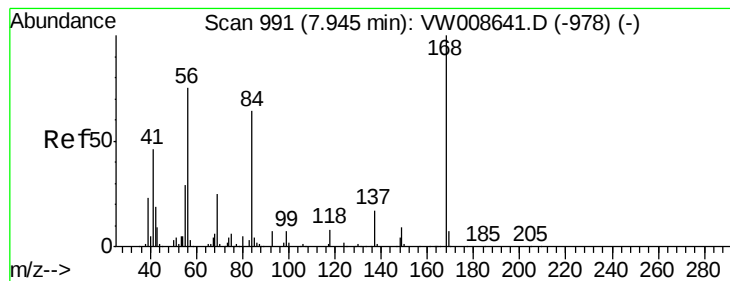
Tot Ion: 42 Resp: 55134
Ion Ratio Lower Upper
42 100
72 43.9 32.2 48.2
71 39.6 31.0 46.6



#30
Chloroform
Concen: 19.316 ug/l
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 83 Resp: 125047
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.8





#31

Cyclohexane

Concen: 18.718 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

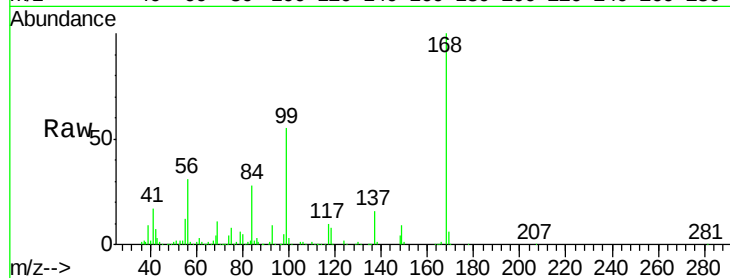
Tot Ion: 56 Resp: 122063

Ion Ratio Lower Upper

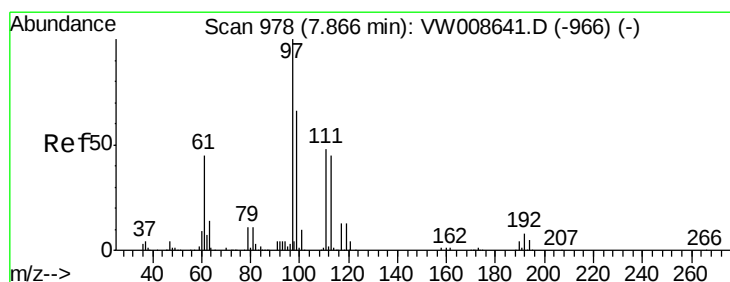
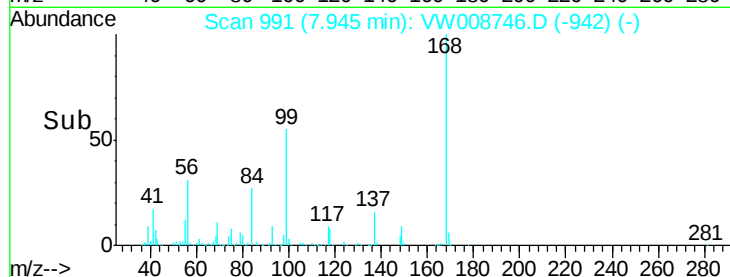
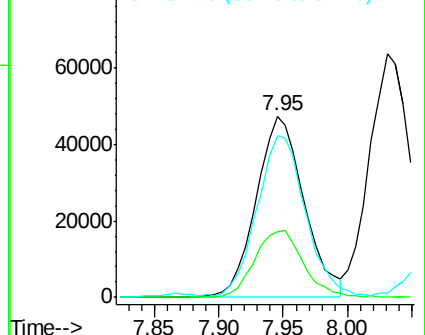
56 100

69 36.2 26.4 39.6

84 87.5 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 20.298 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

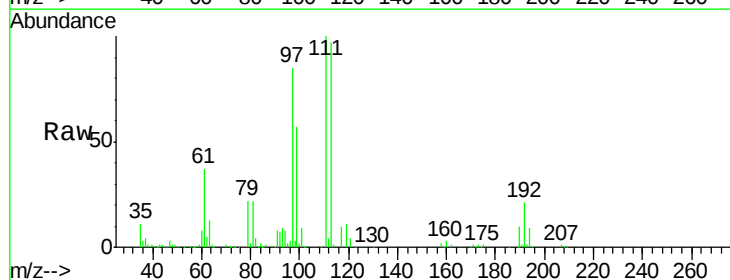
Tgt Ion: 97 Resp: 110980

Ion Ratio Lower Upper

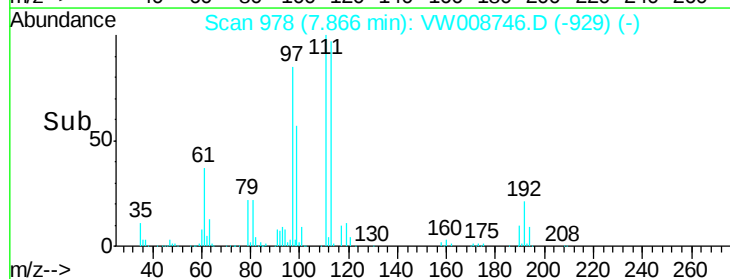
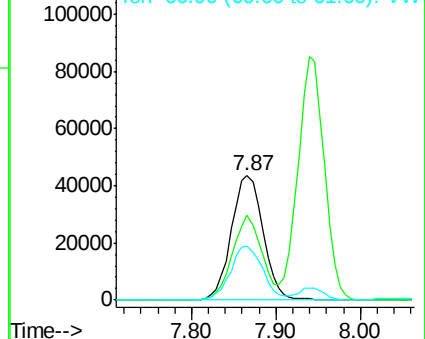
97 100

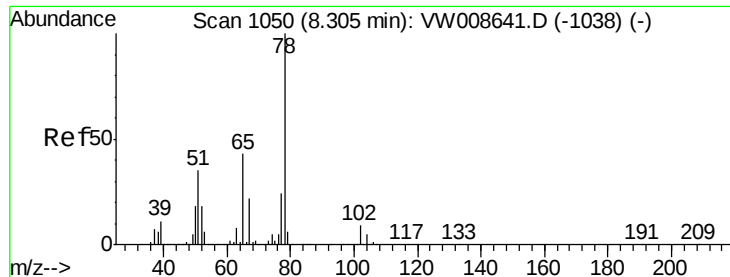
99 64.0 51.6 77.4

61 43.5 35.8 53.6



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: 46.574 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampled :

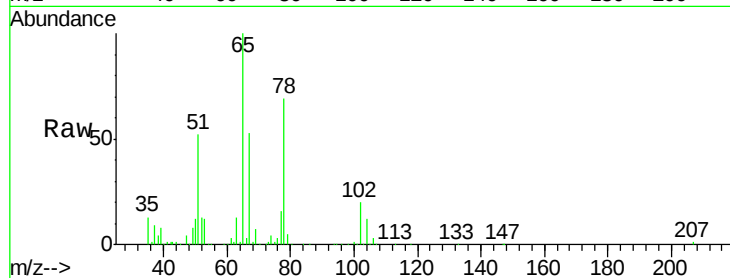
VW0219SBS01

Tot Ion: 65 Resp: 166067

Ion Ratio Lower Upper

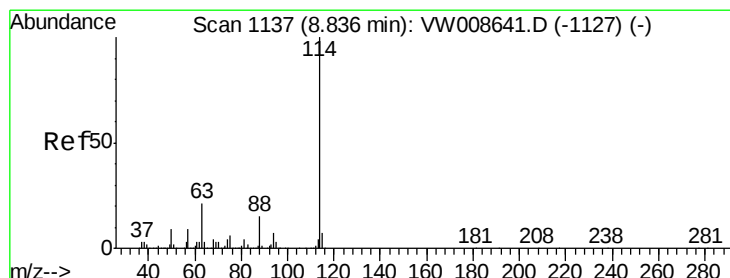
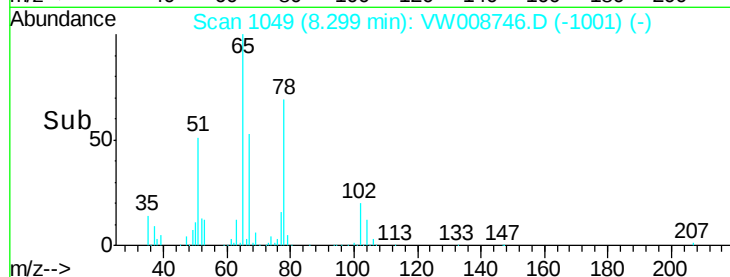
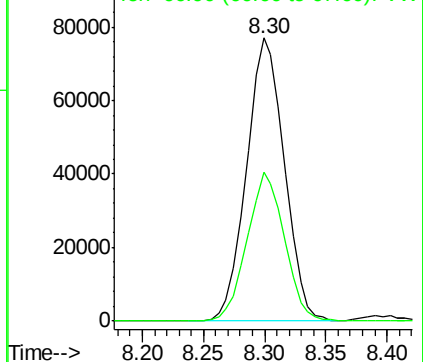
65 100

67 51.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

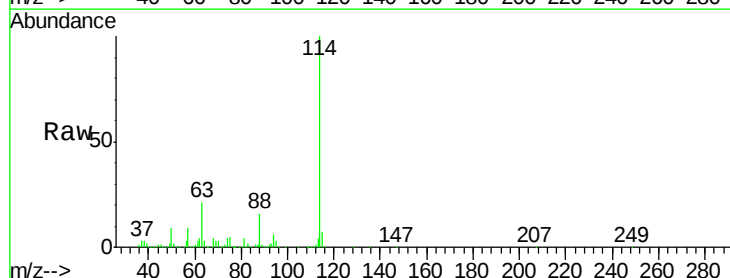
Tgt Ion: 114 Resp: 503108

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

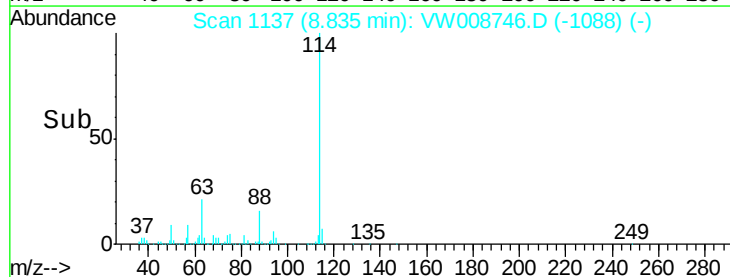
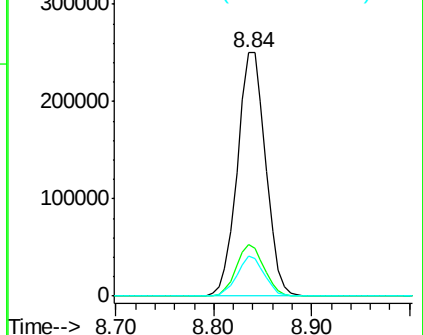
88 16.3 0.0 29.6

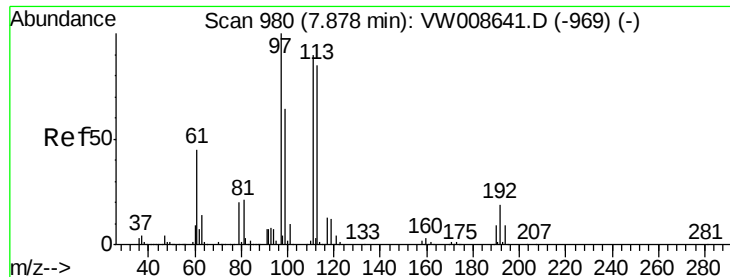


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

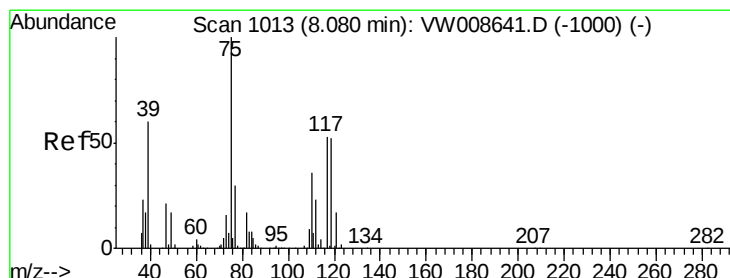
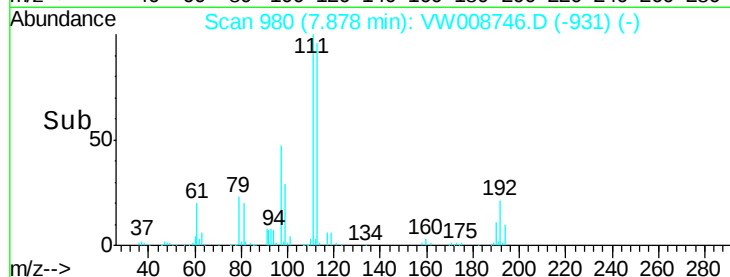
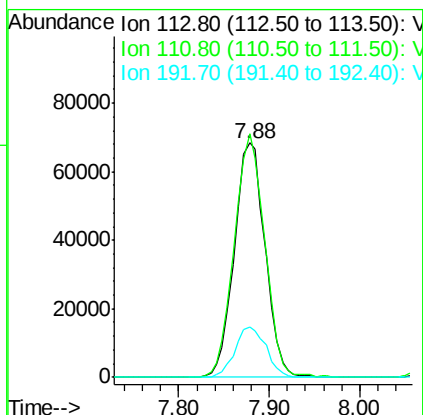
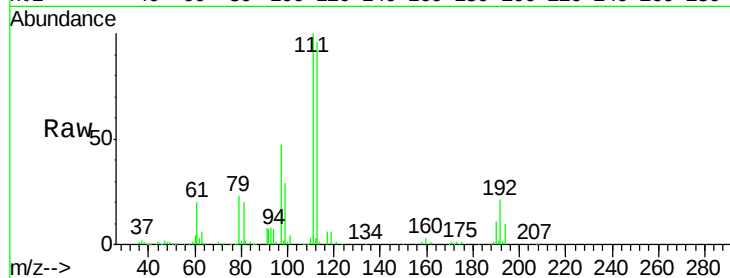




#35
 Dibromofluoromethane
 Concen: 51.613 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008746.D
 Acq: 19 Feb 2019 12:25

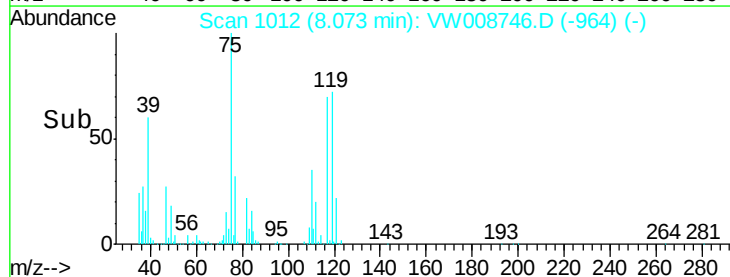
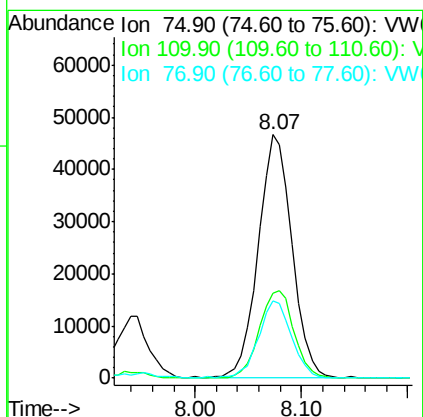
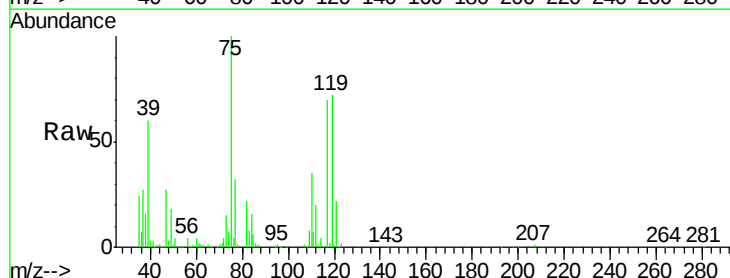
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBS01

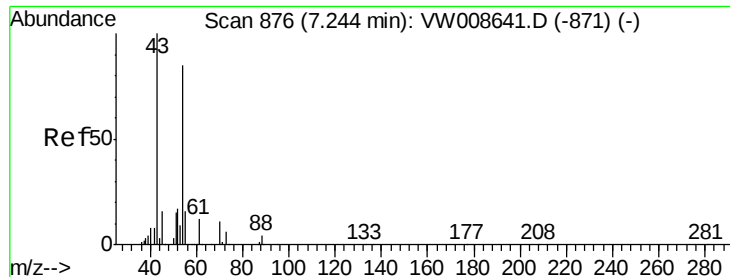
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.0	126.0
192	21.6	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 20.379 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW008746.D
 Acq: 19 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.8	53.3
77	31.5	24.7	37.1

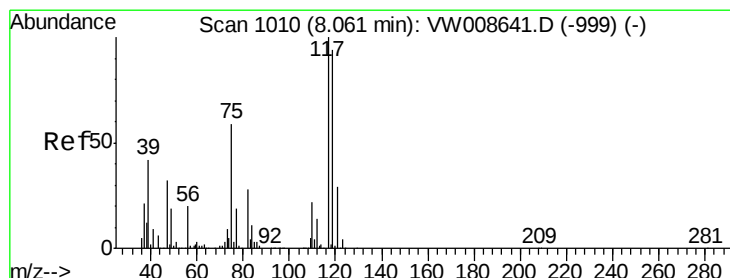
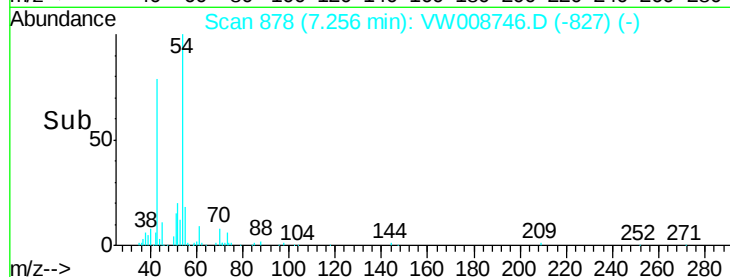
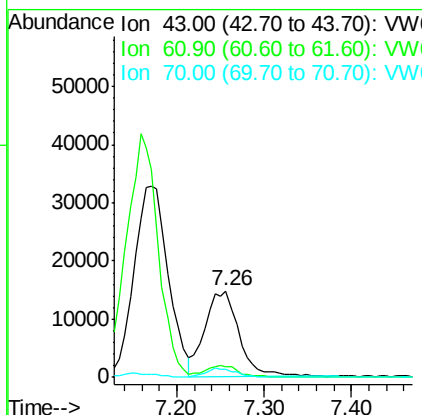
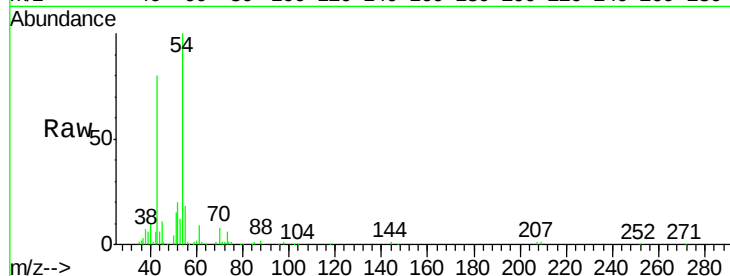




#37
Ethyl Acetate
Concen: 16.219 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

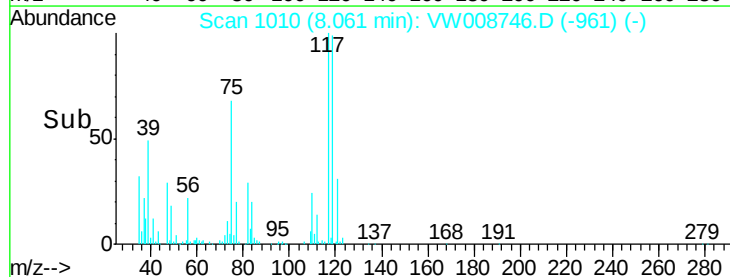
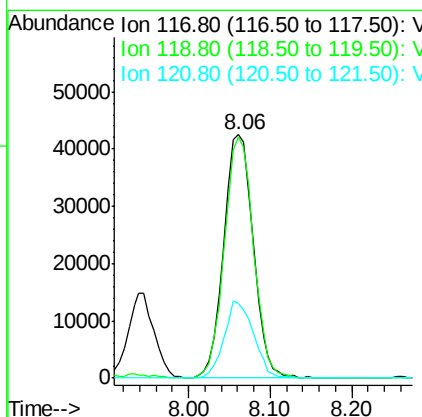
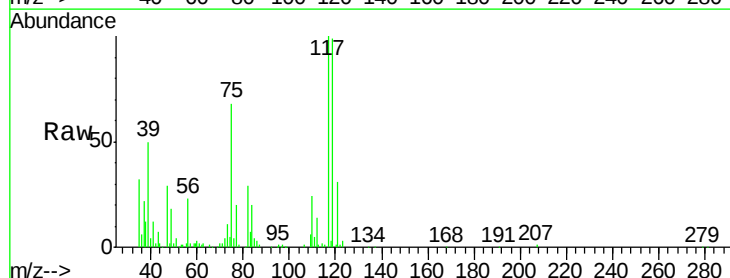
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

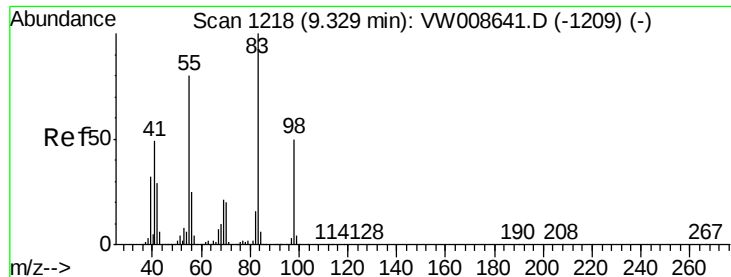
Tot Ion: 43 Resp: 39547
Ion Ratio Lower Upper
43 100
61 12.5 10.5 15.7
70 10.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 21.176 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 117 Resp: 106436
Ion Ratio Lower Upper
117 100
119 99.1 75.1 112.7
121 30.8 23.5 35.3

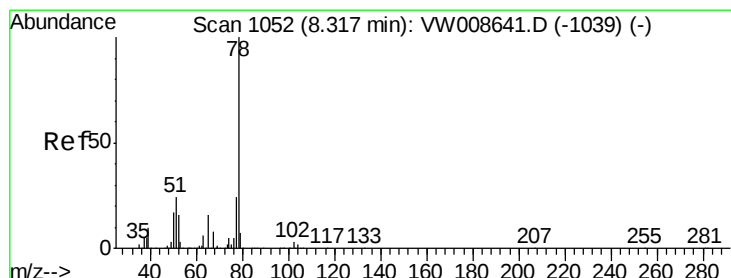
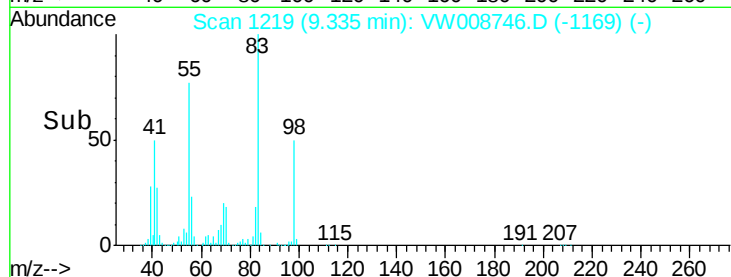
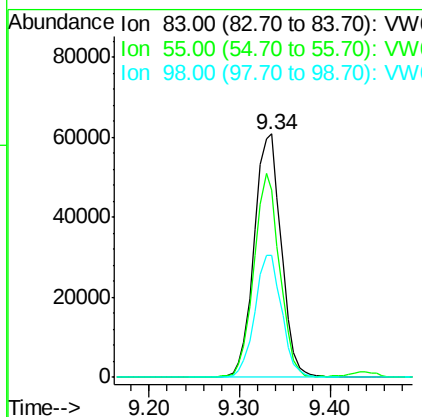
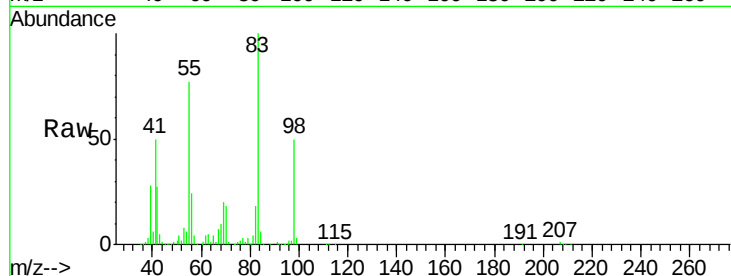




#39
Methvlcvclohexane
Concen: 19.700 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

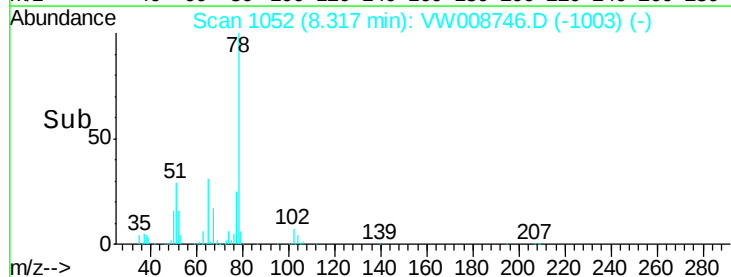
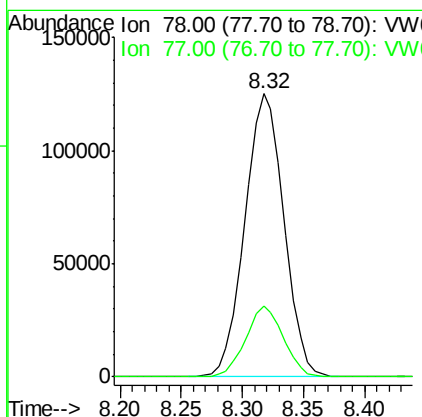
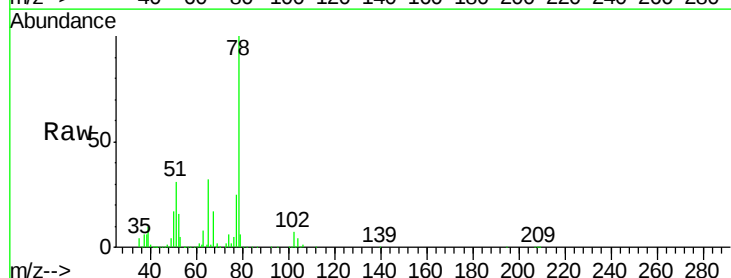
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

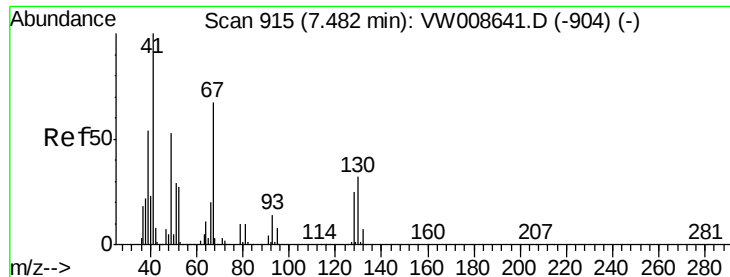
Tot Ion: 83 Resp: 125946
Ion Ratio Lower Upper
83 100
55 77.0 63.9 95.9
98 50.3 40.2 60.2



#40
Benzene
Concen: 20.139 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 78 Resp: 278013
Ion Ratio Lower Upper
78 100
77 25.2 19.5 29.3

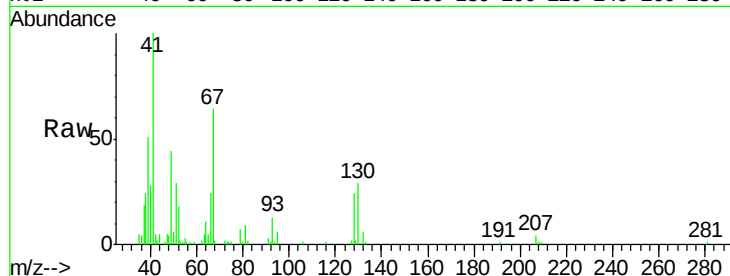




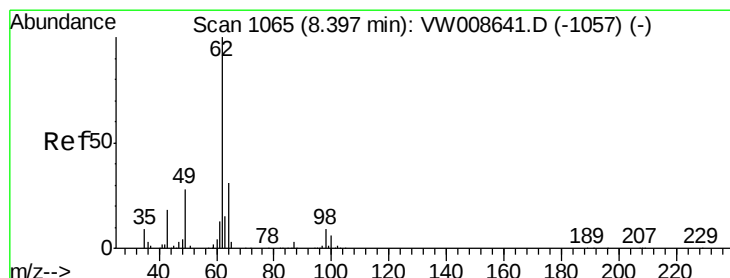
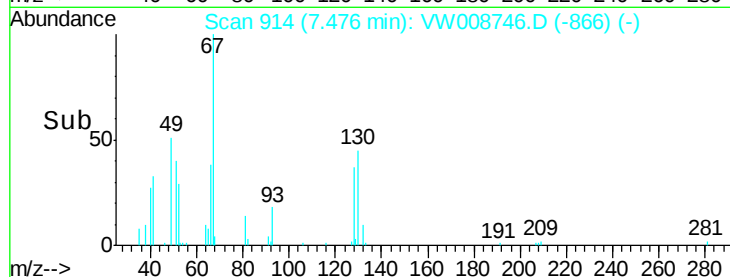
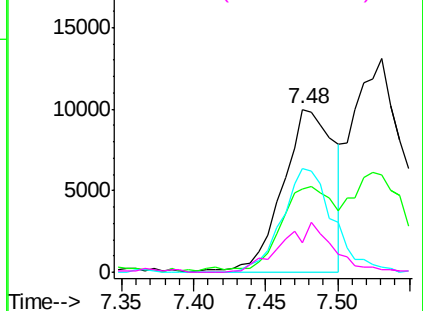
#41
Methacrylonitrile
Concen: 18.086 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

Tot Ion:	41	Resp:	24812
Ion	Ratio	Lower	Upper
41	100		
39	50.9	39.7	59.5
67	63.4	52.5	78.7
52	31.0	23.1	34.7

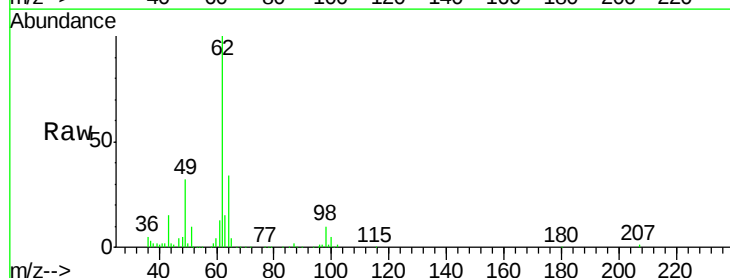


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

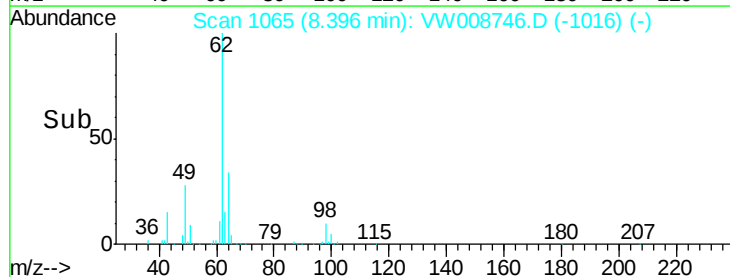
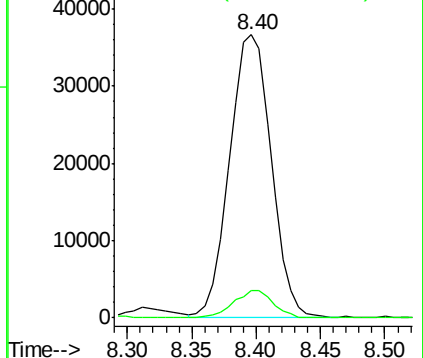


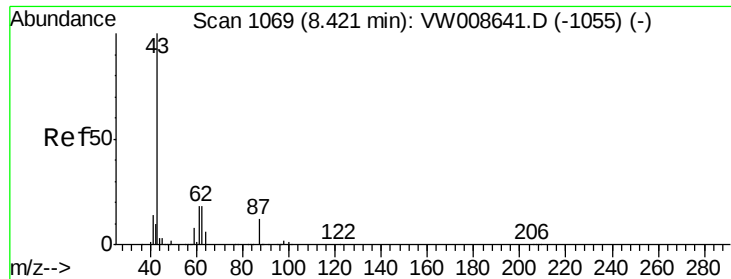
#42
1,2-Dichloroethane
Concen: 19.254 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion:	62	Resp:	82444
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2



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



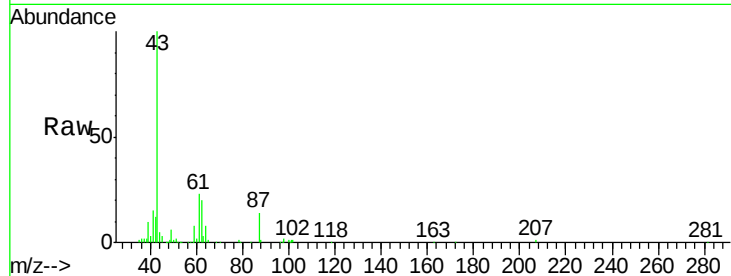


#43

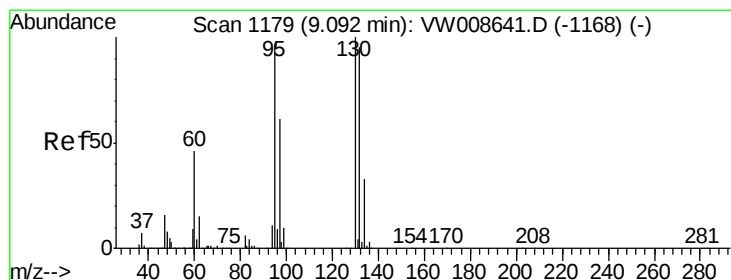
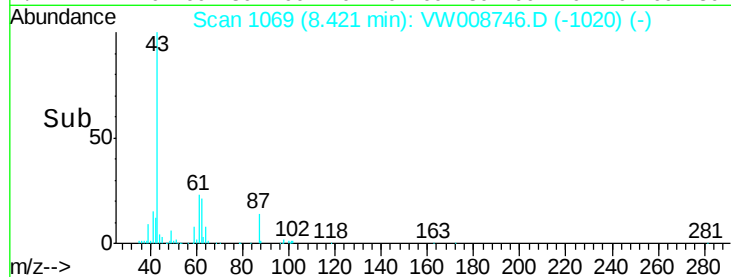
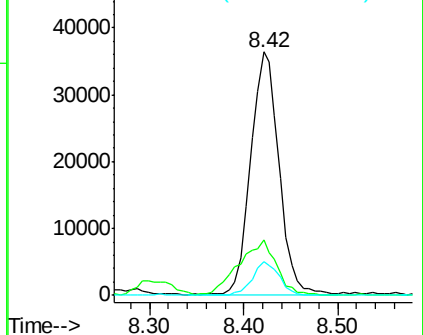
Isopropyl Acetate
 Concen: 15.769 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: VW008746.D
 Acq: 19 Feb 2019 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBS01

Tot Ion: 43 Resp: 76670
 Ion Ratio Lower Upper
 43 100
 61 30.6 21.4 32.2
 87 13.1 9.8 14.8



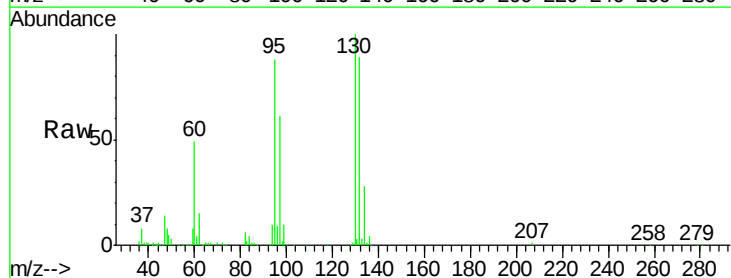
Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 87.00 (86.70 to 87.70): VW



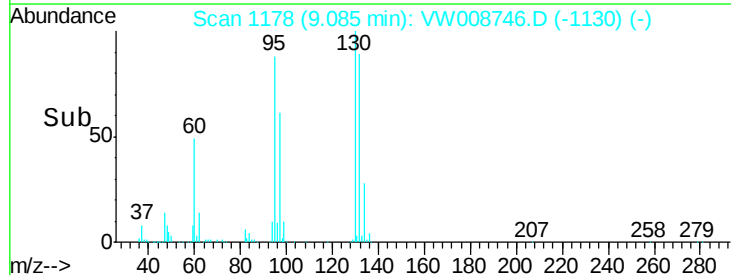
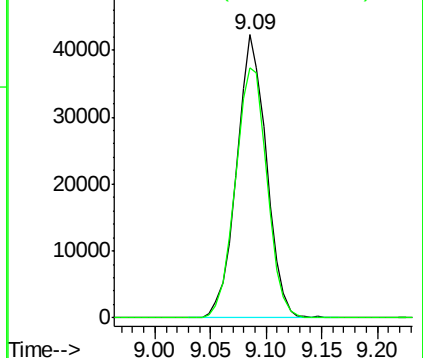
#44

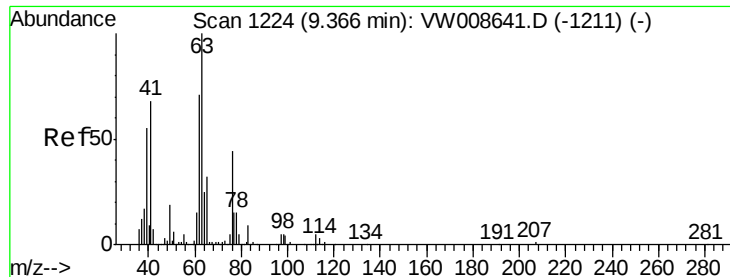
Trichloroethene
 Concen: 20.461 ug/l
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW008746.D
 Acq: 19 Feb 2019 12:25

Tgt Ion: 130 Resp: 78317
 Ion Ratio Lower Upper
 130 100
 95 88.4 0.0 193.4



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





#45

1,2-Dichloropropane

Concen: 19.154 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

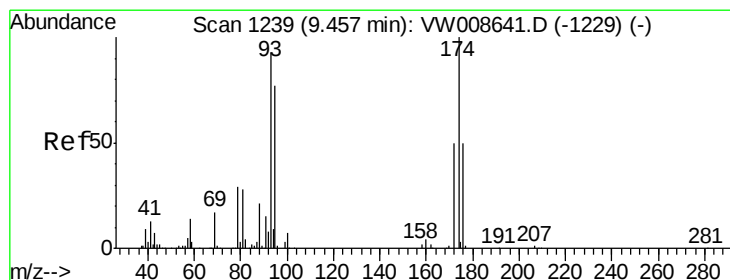
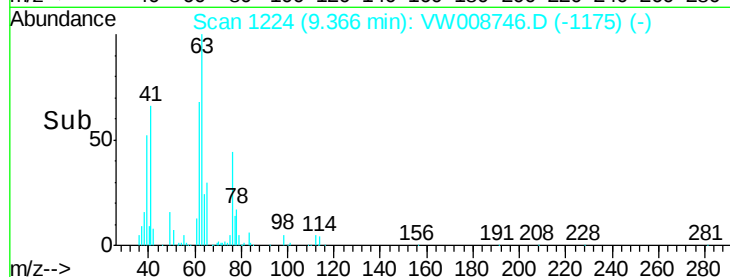
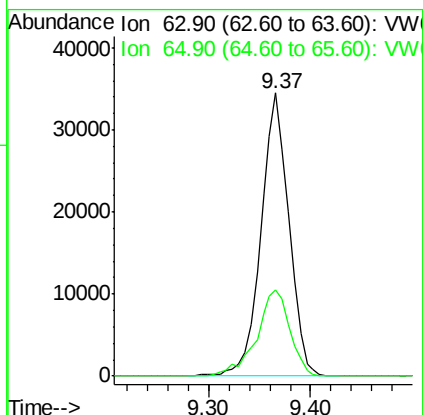
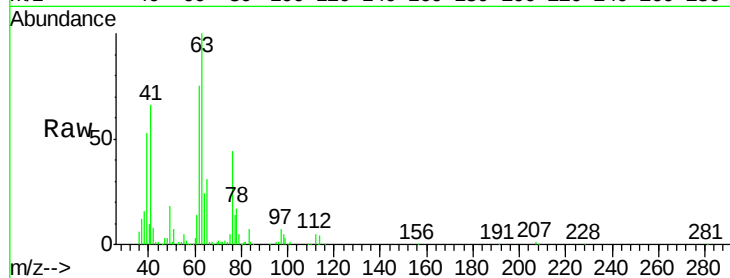
VW0219SBS01

Tot Ion: 63 Resp: 65436

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.0



#46

Dibromomethane

Concen: 18.789 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

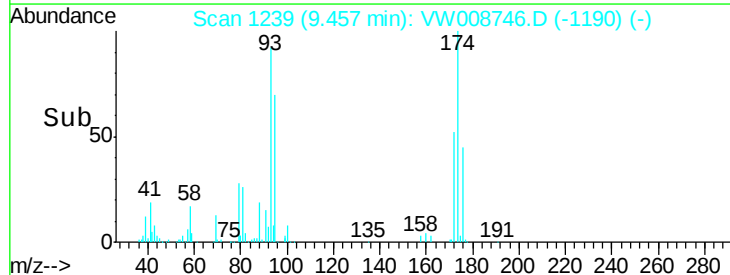
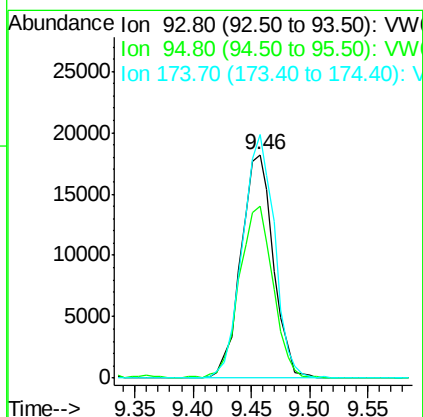
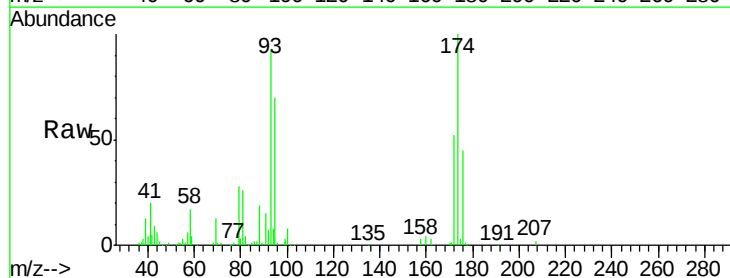
Tgt Ion: 93 Resp: 35361

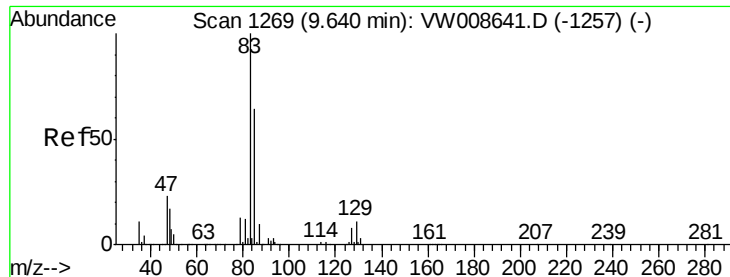
Ion Ratio Lower Upper

93 100

95 80.0 65.8 98.8

174 107.8 82.5 123.7





#47

Bromodichloromethane

Concen: 19.017 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

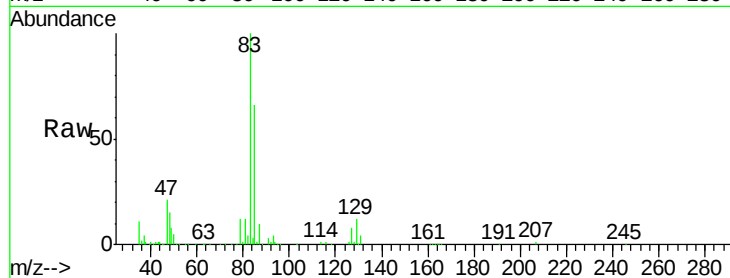
Tot Ion: 83 Resp: 86014

Ion Ratio Lower Upper

83 100

85 65.8 51.2 76.8

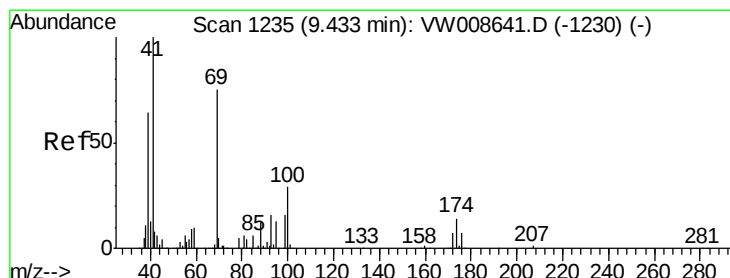
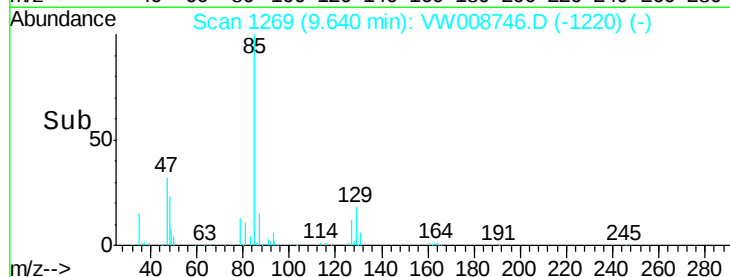
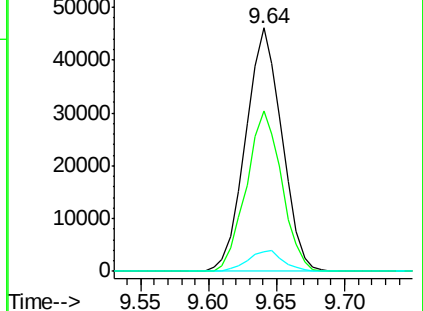
127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.002 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

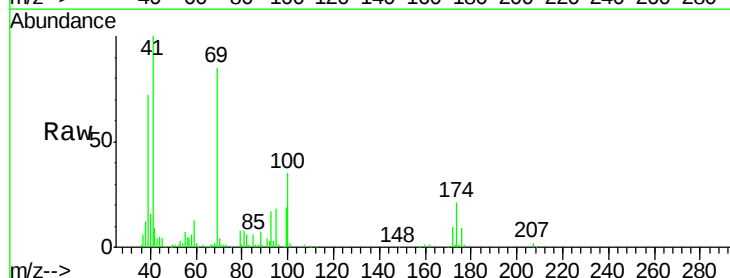
Tgt Ion: 41 Resp: 36055

Ion Ratio Lower Upper

41 100

69 85.6 64.1 96.1

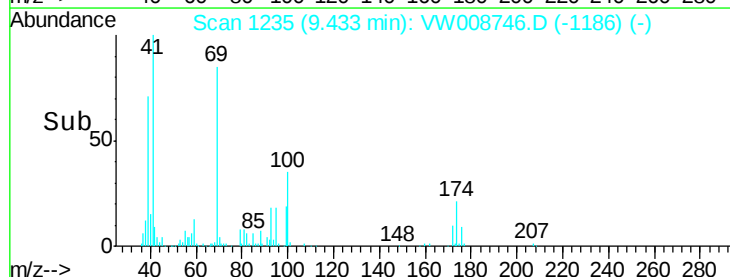
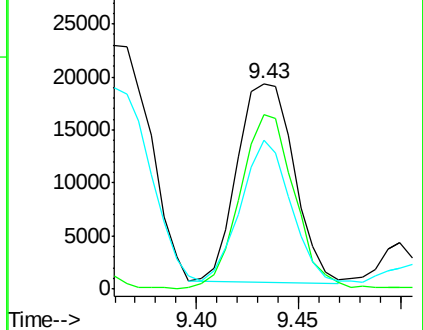
39 64.3 52.3 78.5

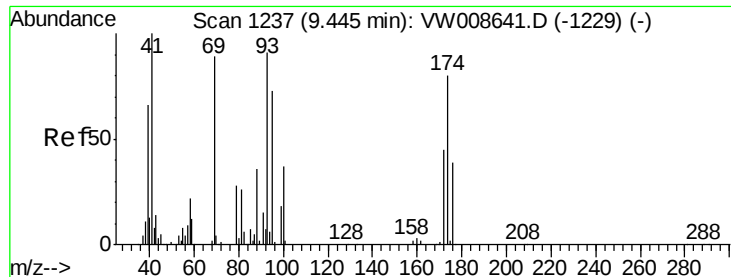


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

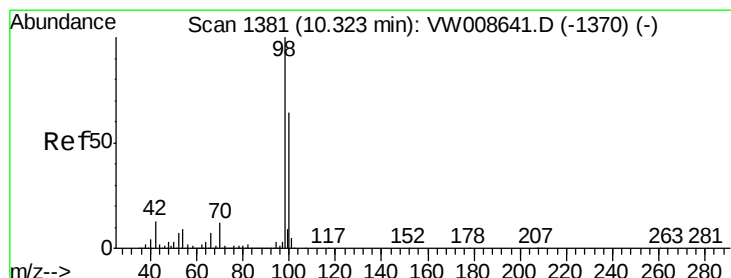
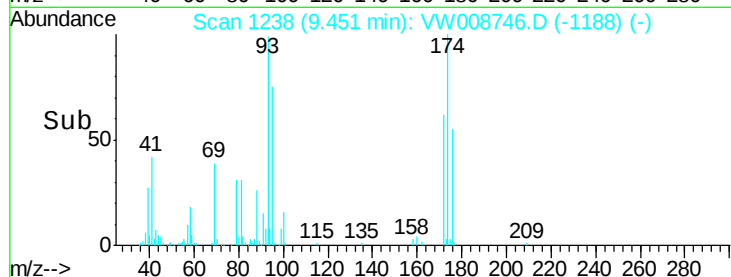
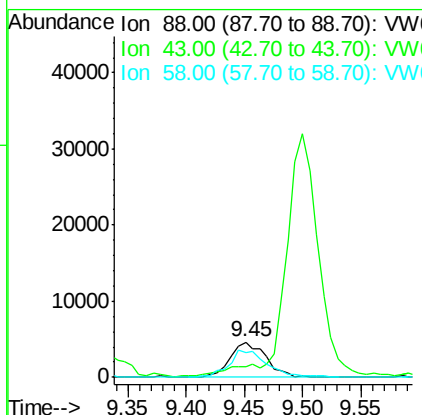
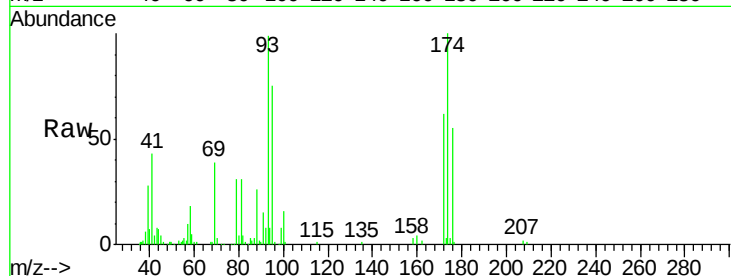




#49
1,4-Dioxane
Concen: 333.748 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

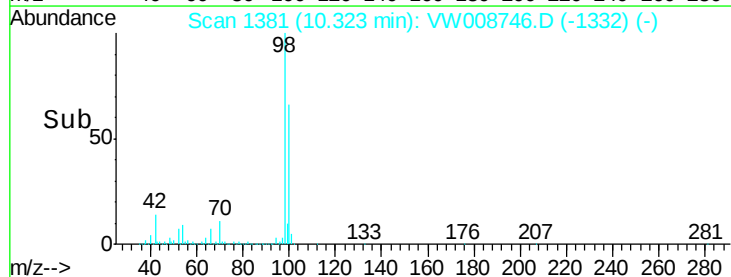
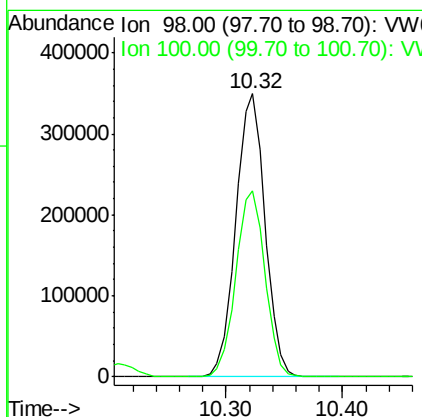
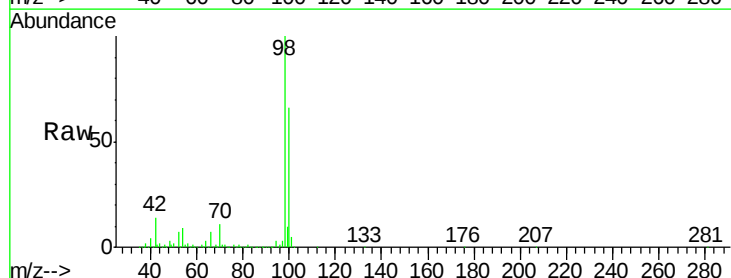
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

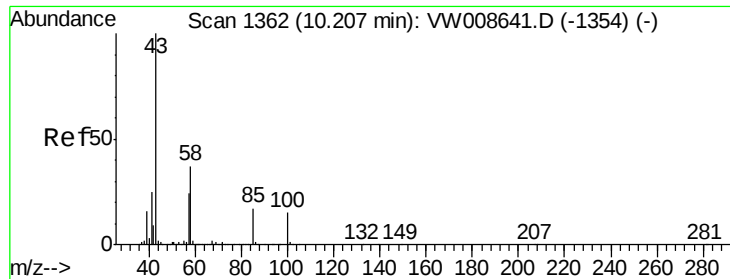
Tot Ion: 88 Resp: 10026
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 81.3 57.0 85.6



#50
Toluene-d8
Concen: 50.882 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 98 Resp: 612754
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 79.078 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

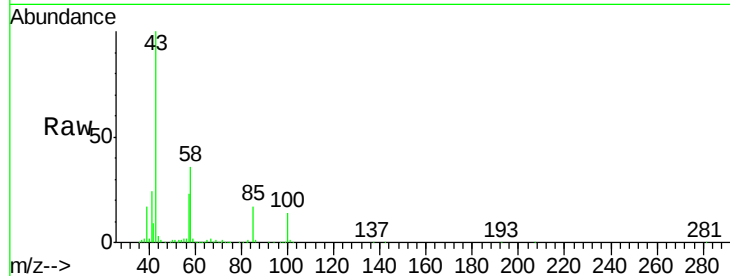
VW0219SBS01

Tot Ion: 43 Resp: 197498

Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

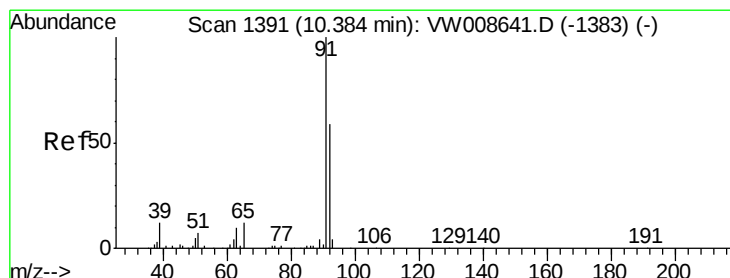
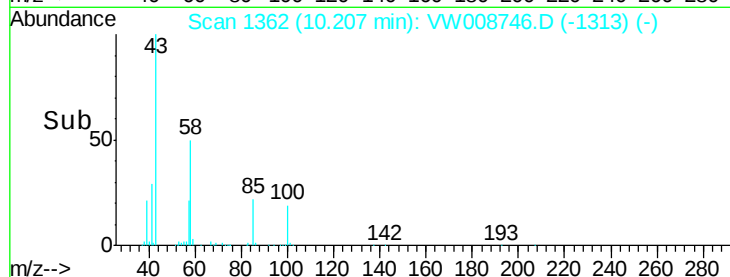
10.21

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 19.808 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW008746.D

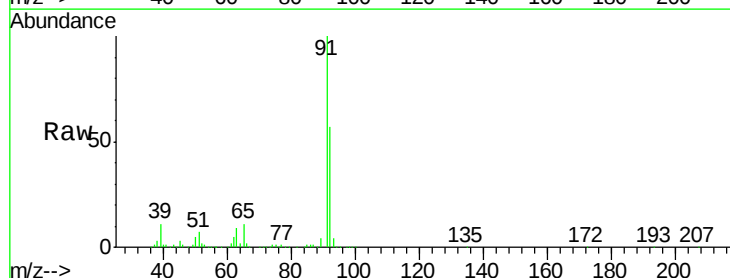
Acq: 19 Feb 2019 12:25

Tgt Ion: 92 Resp: 176407

Ion Ratio Lower Upper

92 100

91 171.6 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

200000

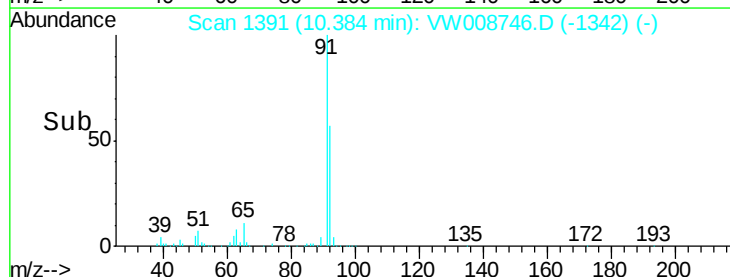
150000

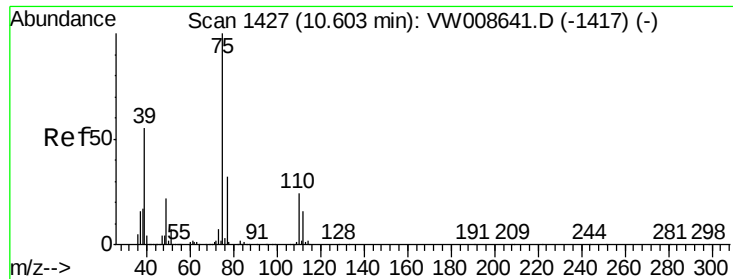
100000

50000

0

Time--> 10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 18.081 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

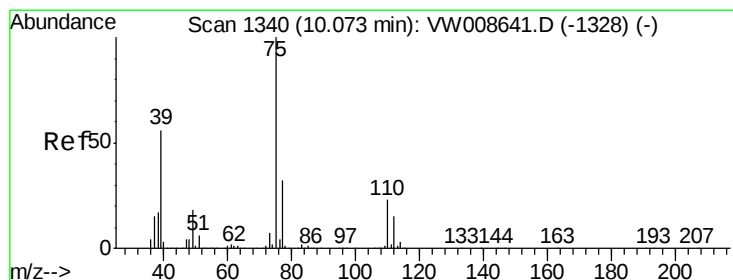
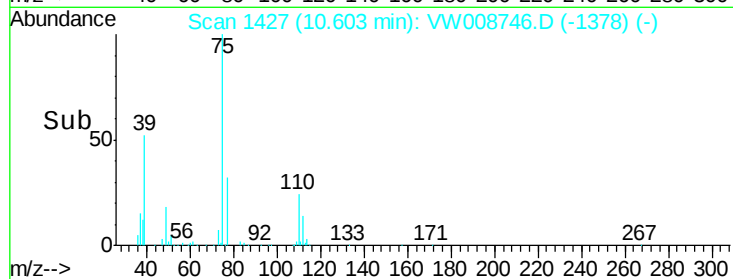
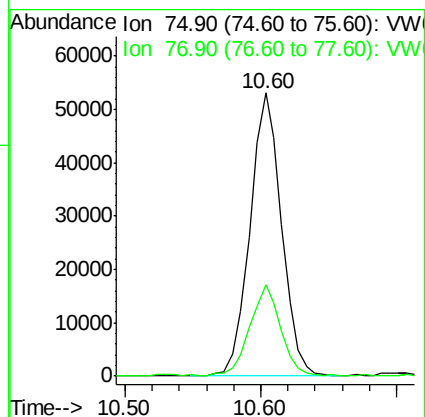
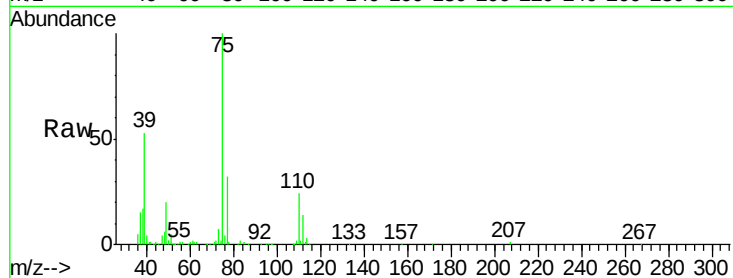
VW0219SBS01

Tot Ion: 75 Resp: 85913

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 18.728 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

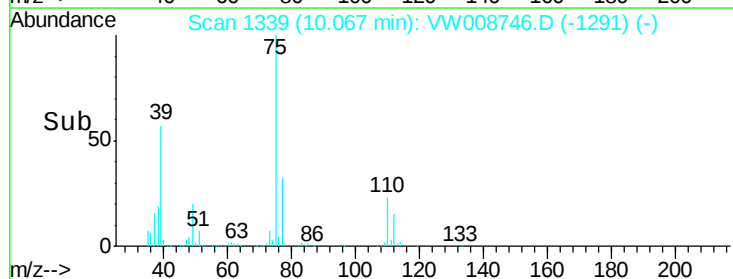
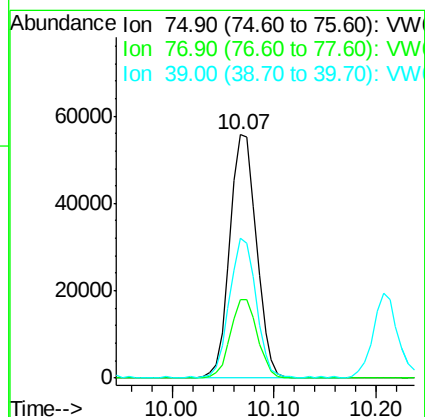
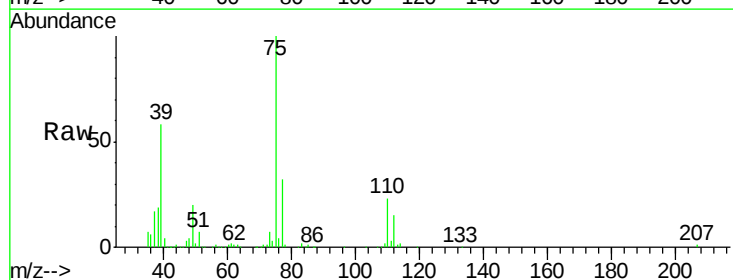
Tgt Ion: 75 Resp: 100875

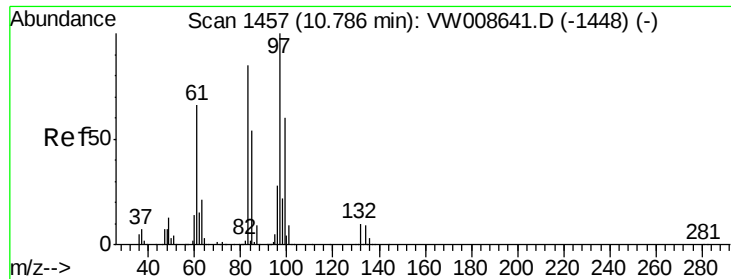
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 57.4 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 18.529 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

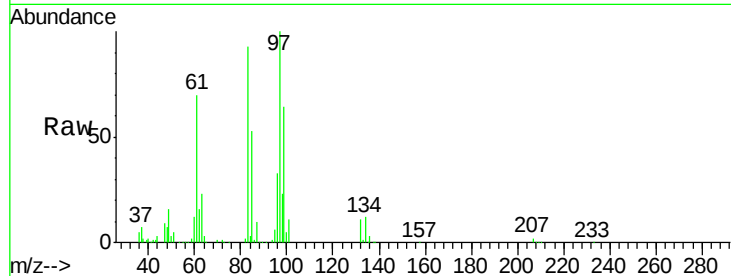
MSVOA_W

ClientSampleId :

VW0219SBS01

Tot Ion: 97 Resp: 47848

Ion	Ratio	Lower	Upper
97	100		
83	93.5	68.4	102.6
85	52.6	43.1	64.7
99	63.5	47.8	71.8

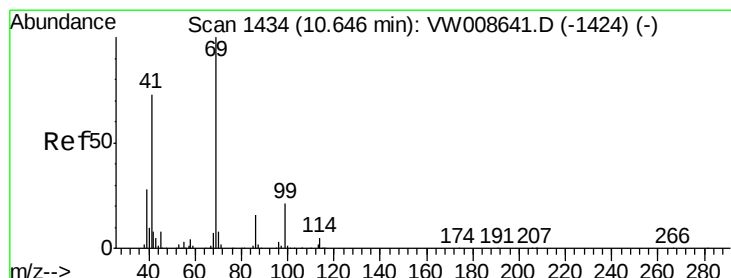
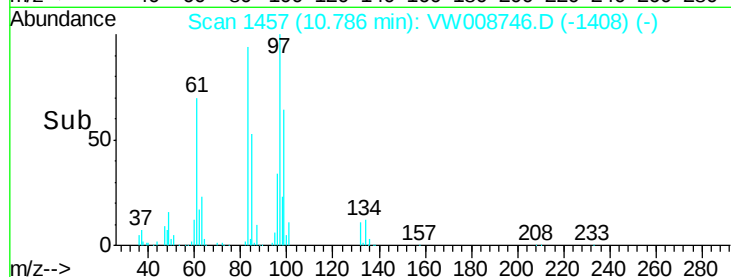


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 16.338 ug/l

RT: 10.65 min Scan# 1434

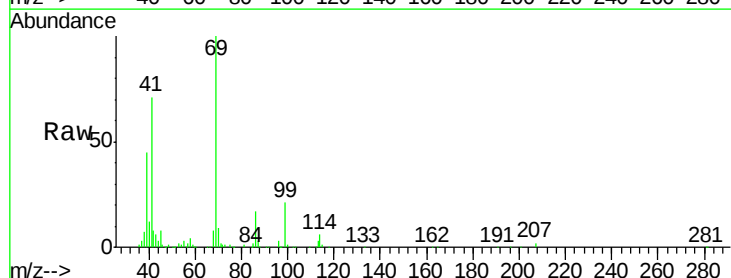
Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Tgt Ion: 69 Resp: 56022

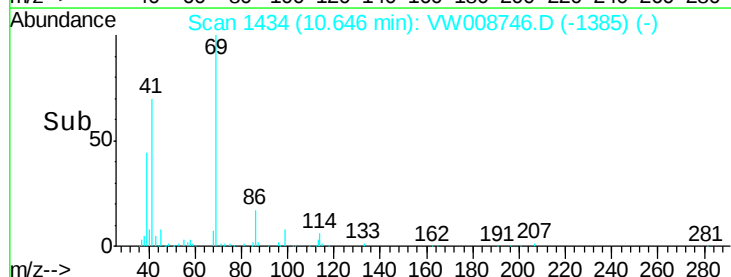
Ion	Ratio	Lower	Upper
69	100		
41	70.6	59.0	88.4
39	40.7	34.4	51.6

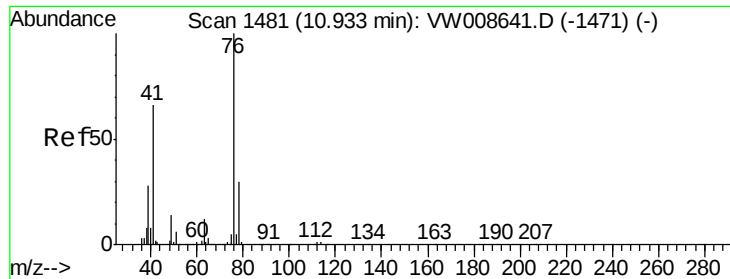


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 18.437 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

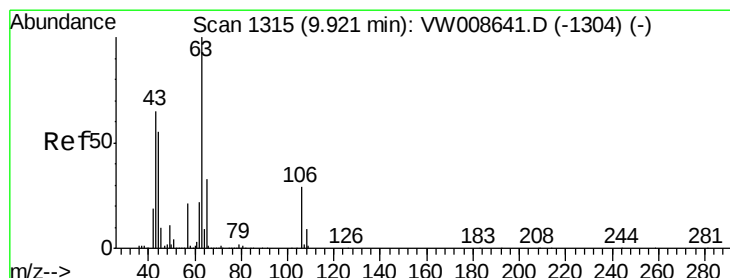
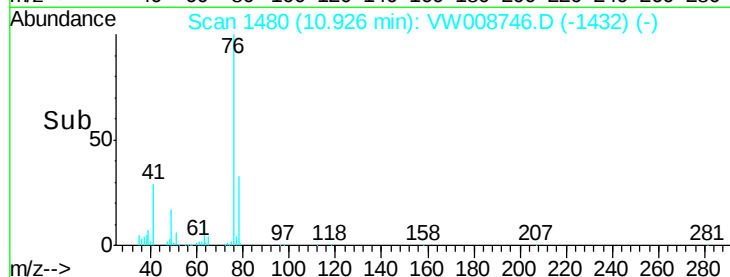
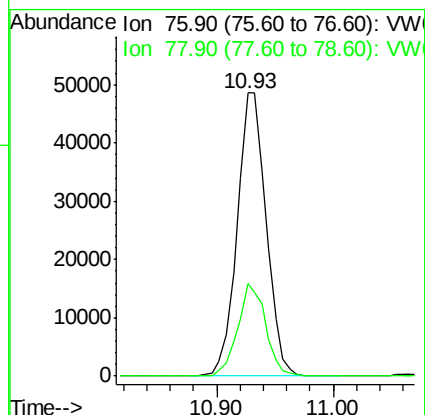
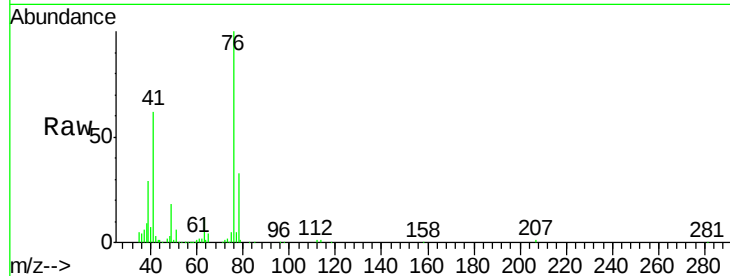
VW0219SBS01

Tot Ion: 76 Resp: 84472

Ion Ratio Lower Upper

76 100

78 31.5 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 95.324 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW008746.D

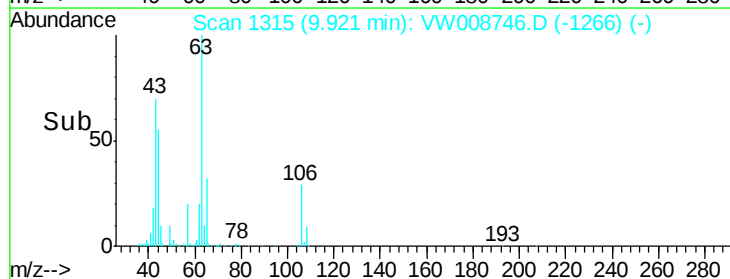
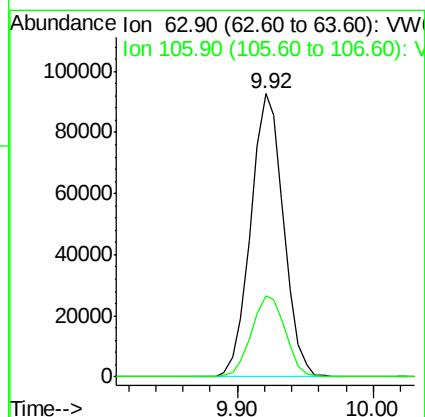
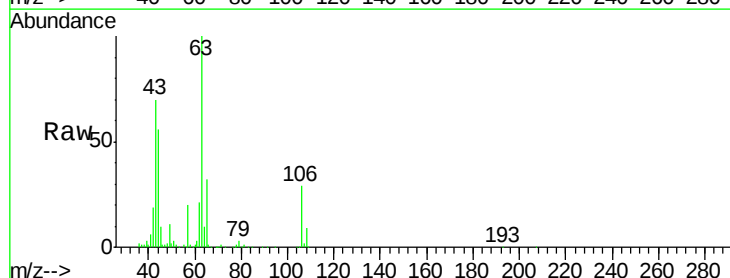
Acq: 19 Feb 2019 12:25

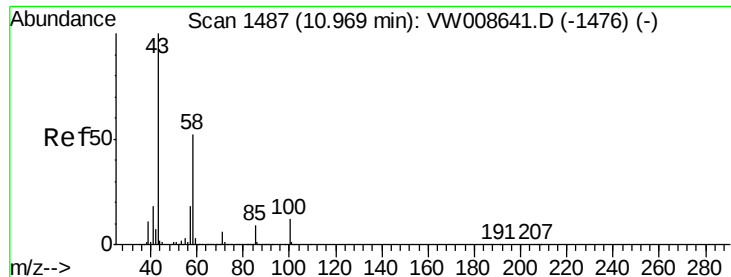
Tgt Ion: 63 Resp: 156796

Ion Ratio Lower Upper

63 100

106 29.8 23.4 35.2

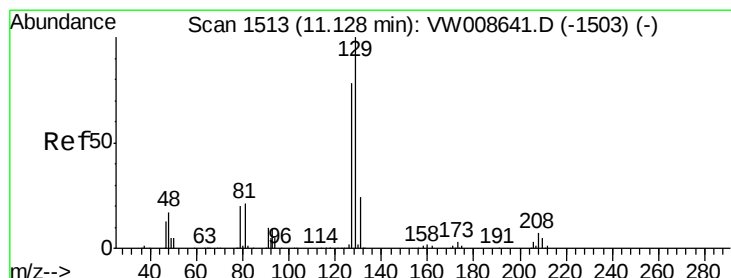
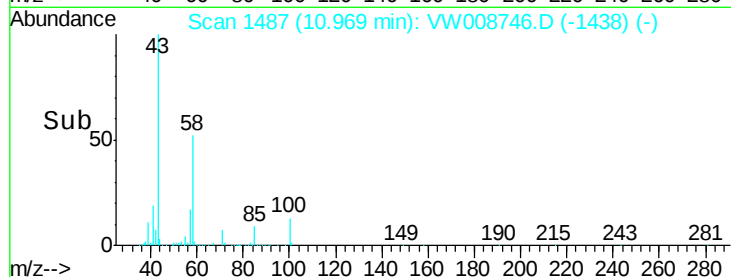
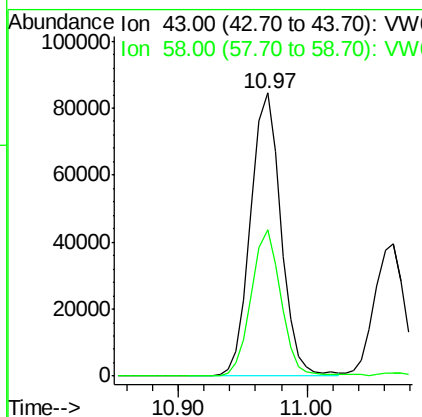
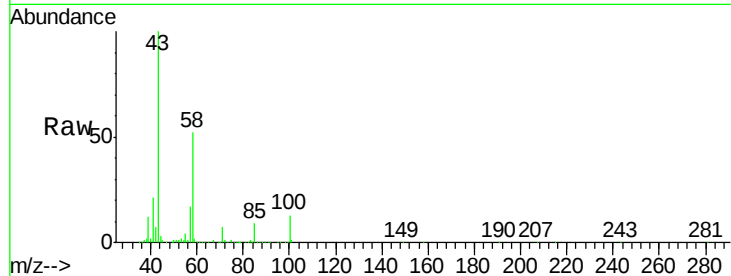




#59
2-Hexanone
Concen: 78.034 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

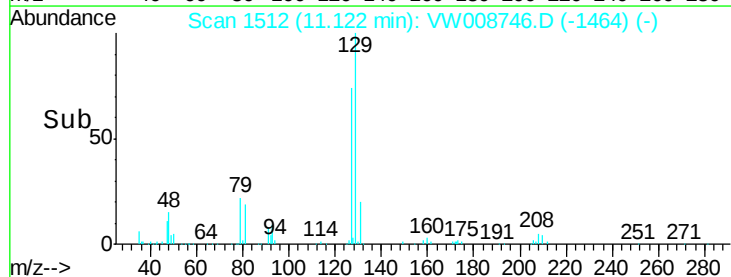
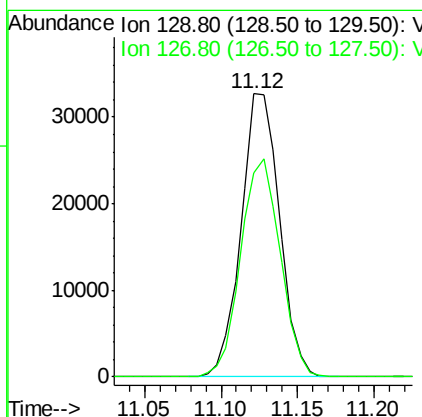
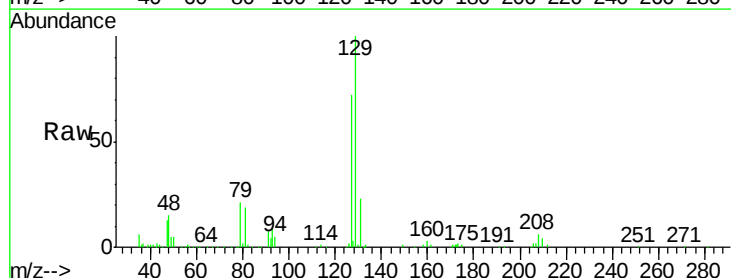
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

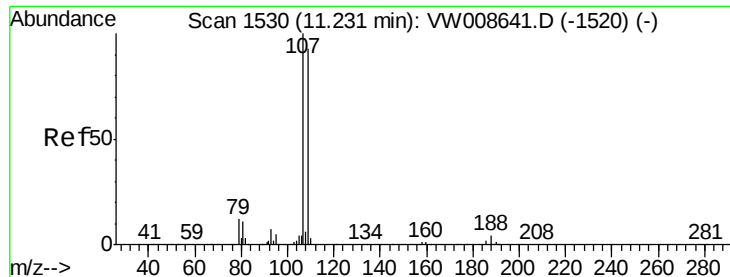
Tot Ion: 43 Resp: 136911
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.6



#60
Dibromochloromethane
Concen: 18.546 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 129 Resp: 57302
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.459 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

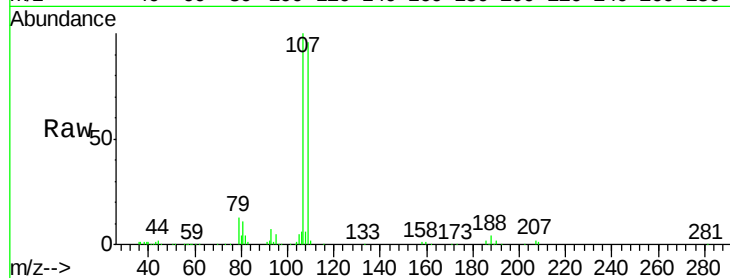
VW0219SBS01

Tot Ion: 107 Resp: 46933

Ion Ratio Lower Upper

107 100

109 94.6 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

30000

25000

20000

15000

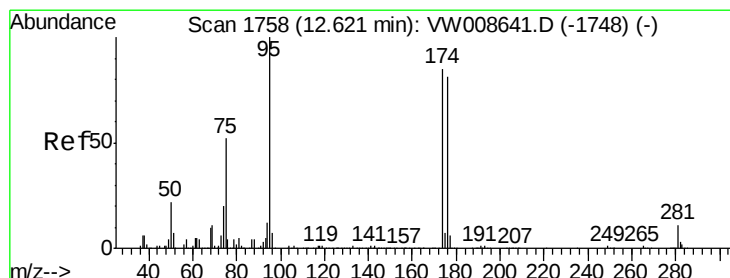
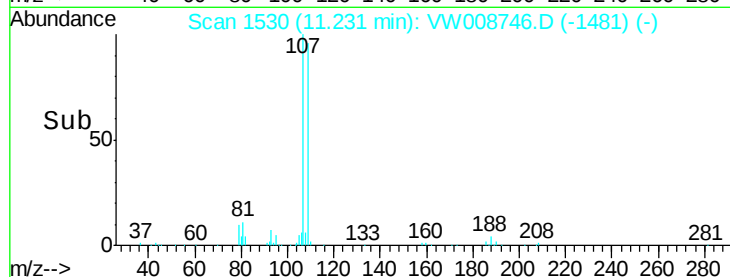
10000

5000

0

Time-->

11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 47.945 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

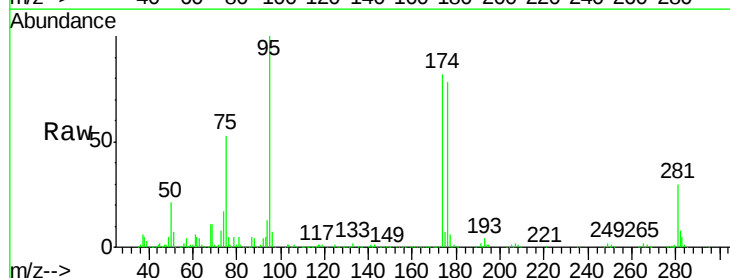
Tgt Ion: 95 Resp: 217480

Ion Ratio Lower Upper

95 100

174 87.7 0.0 163.2

176 84.4 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

150000

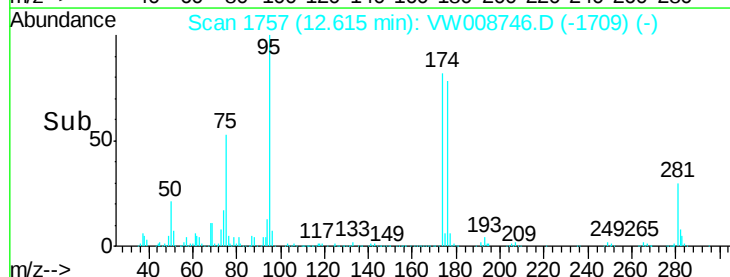
100000

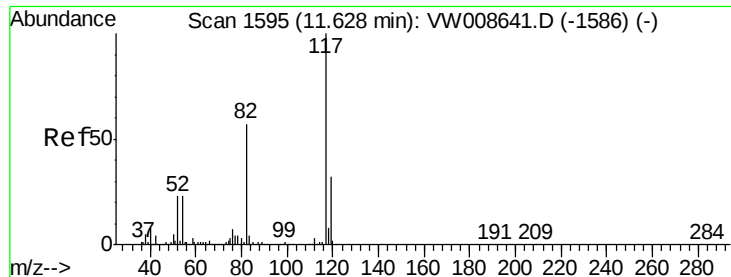
50000

0

Time-->

12.60 12.70

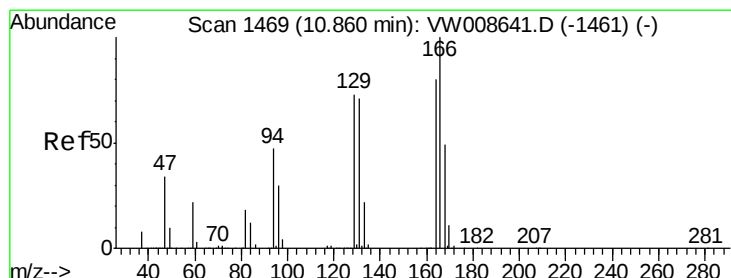
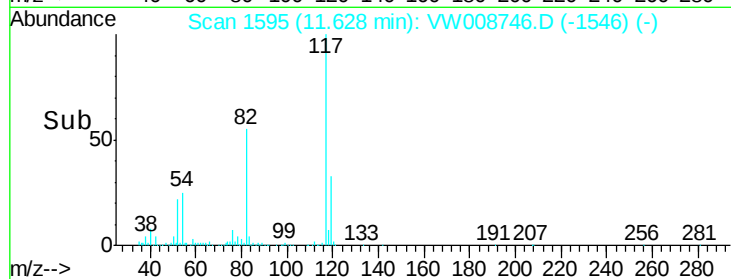
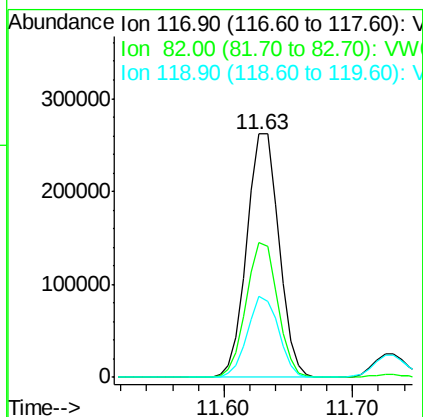
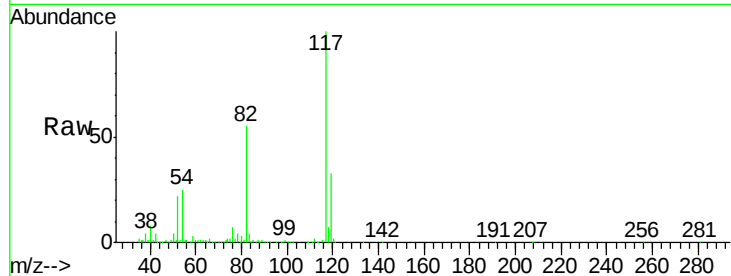




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

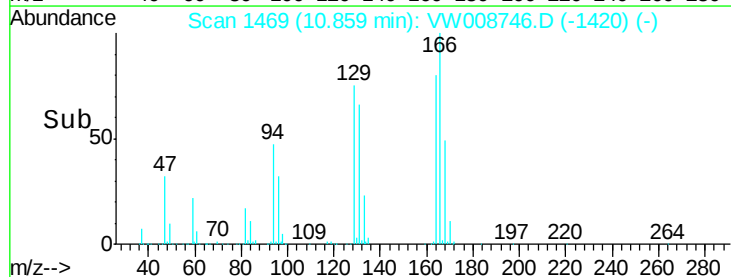
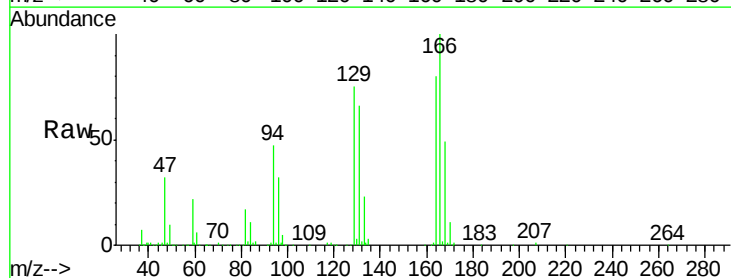
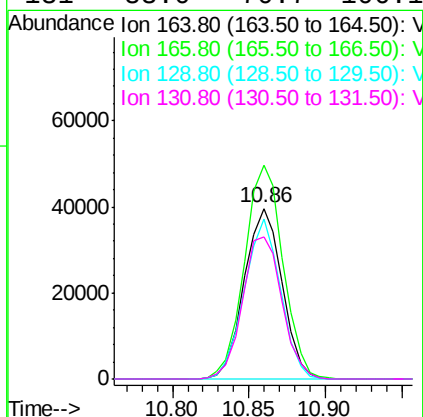
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

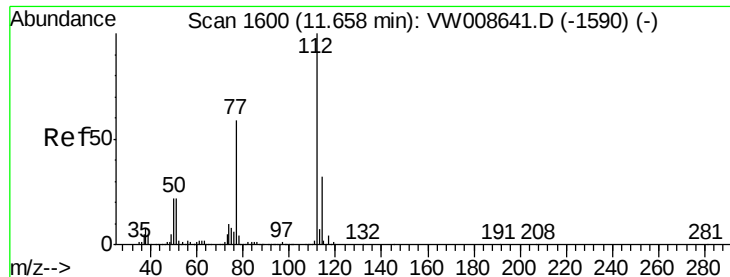
Tot Ion:117 Resp: 451228
Ion Ratio Lower Upper
117 100
82 55.1 45.6 68.4
119 33.2 25.7 38.5



#64
Tetrachloroethene
Concen: 20.248 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion:164 Resp: 67941
Ion Ratio Lower Upper
164 100
166 125.2 100.2 150.2
129 94.1 73.6 110.4
131 83.0 70.7 106.1





#65

Chlorobenzene

Concen: 19.787 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

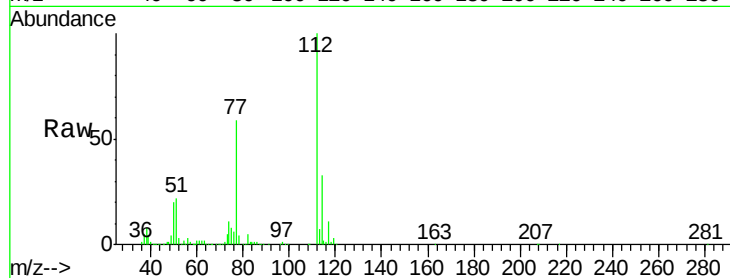
VW0219SBS01

Tot Ion:112 Resp: 192444

Ion Ratio Lower Upper

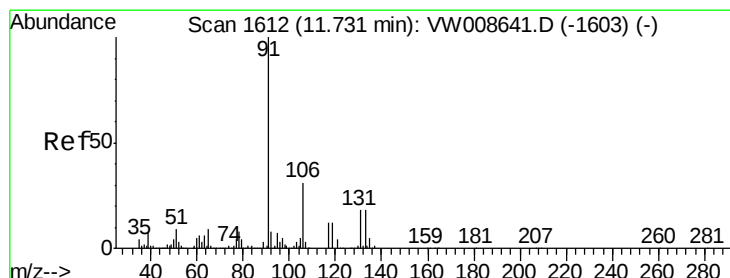
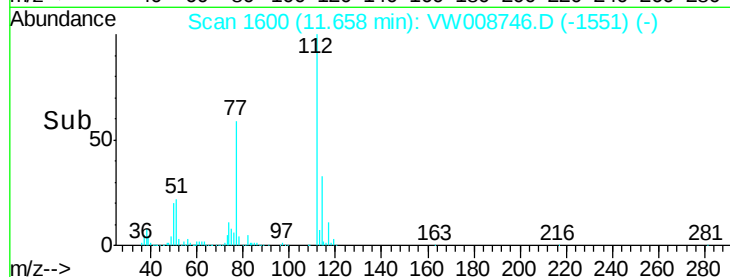
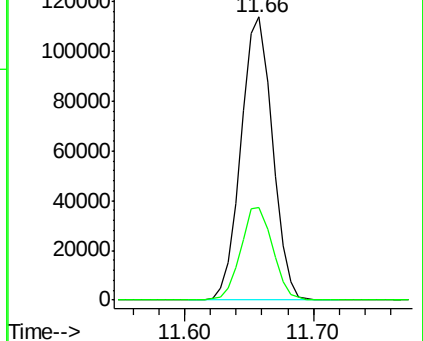
112 100

114 32.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.727 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

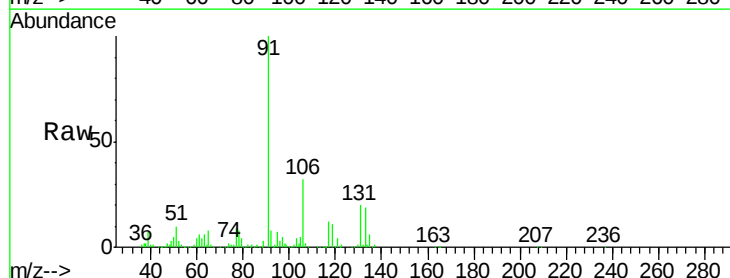
Tgt Ion:131 Resp: 67967

Ion Ratio Lower Upper

131 100

133 96.1 47.8 143.4

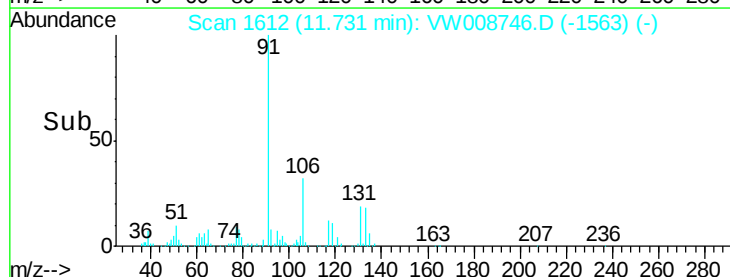
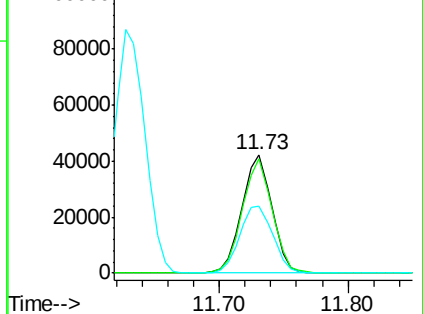
119 62.6 31.6 94.8

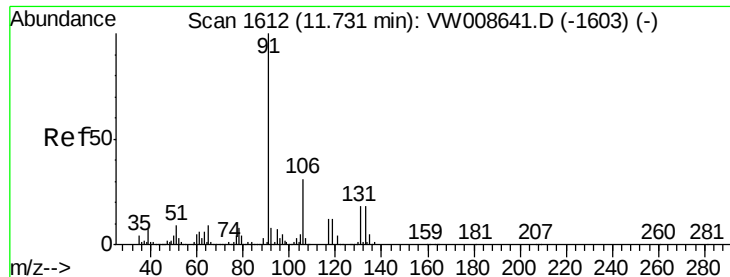


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

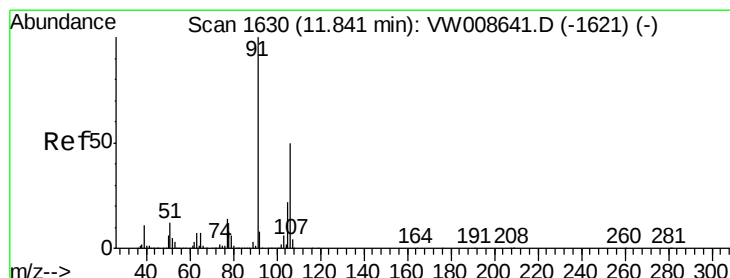
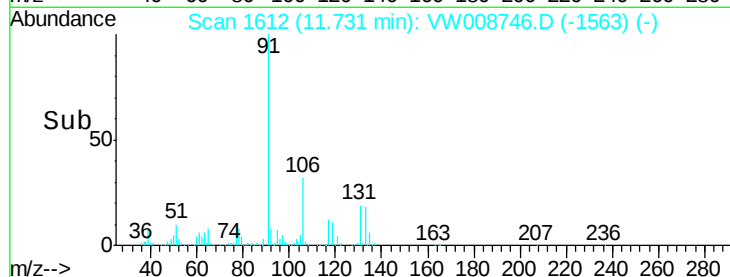
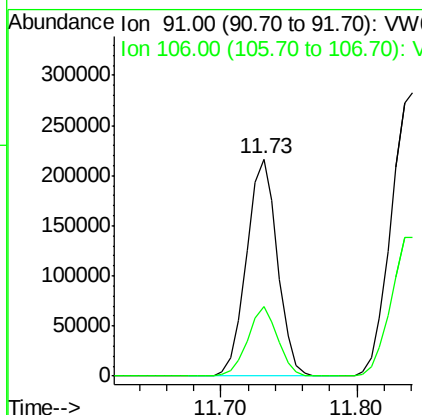
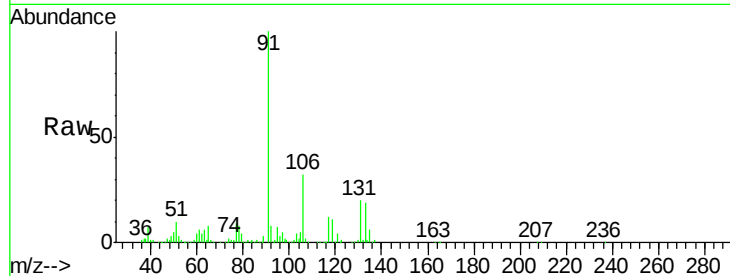




#67
Ethyl Benzene
Concen: 19.905 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

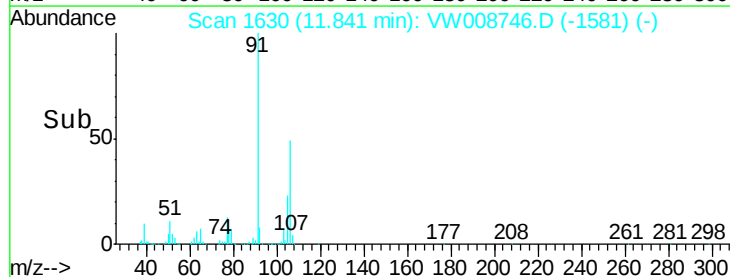
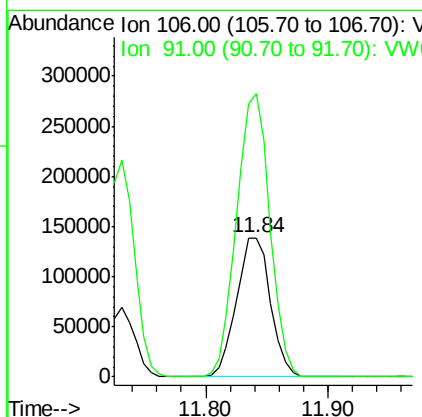
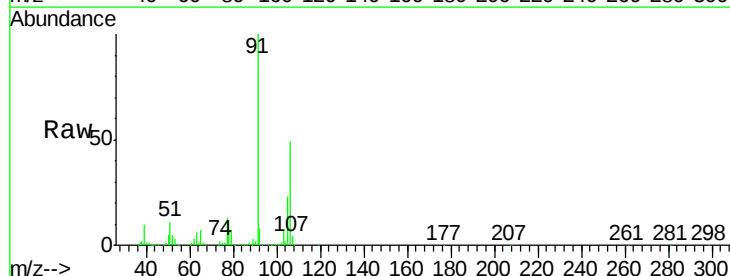
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

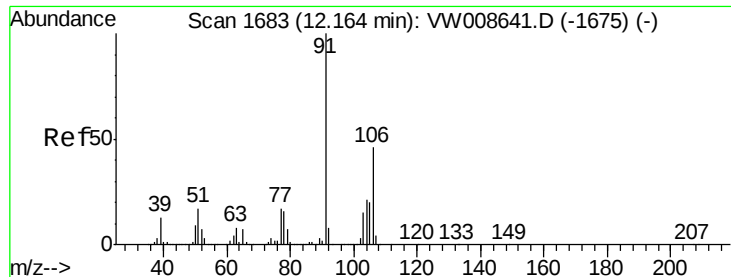
Tot Ion: 91 Resp: 344838
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 39.646 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion: 106 Resp: 267245
Ion Ratio Lower Upper
106 100
91 199.4 161.0 241.4

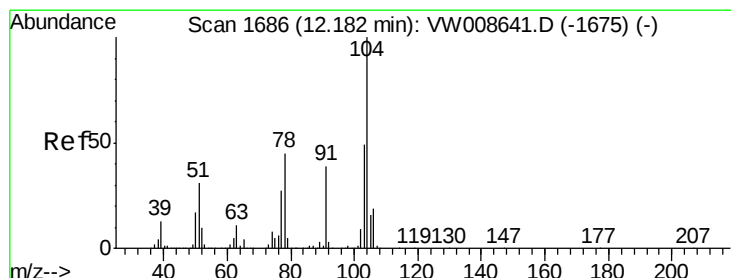
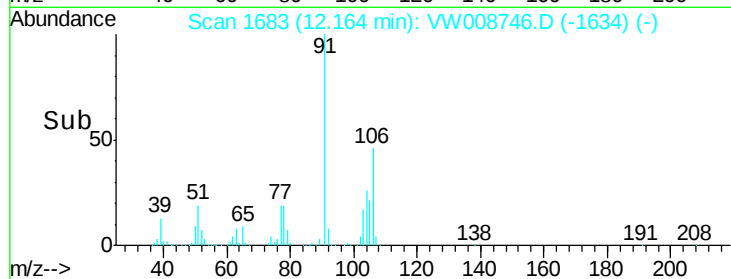
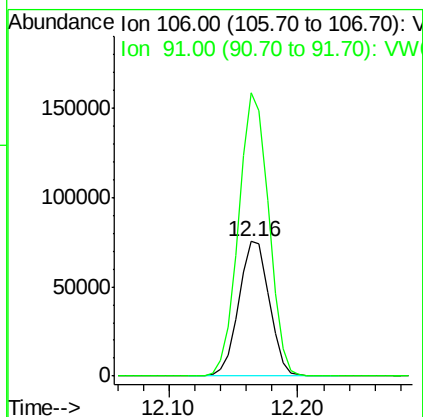
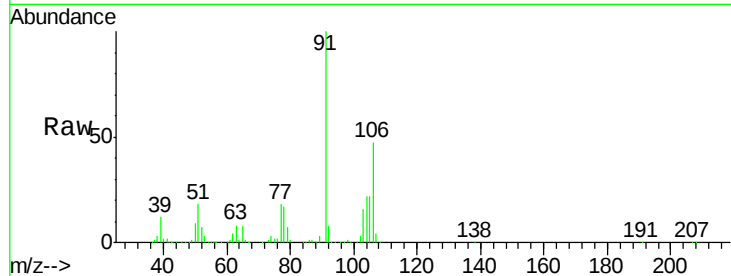




#69
o-Xylene
Concen: 19.370 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

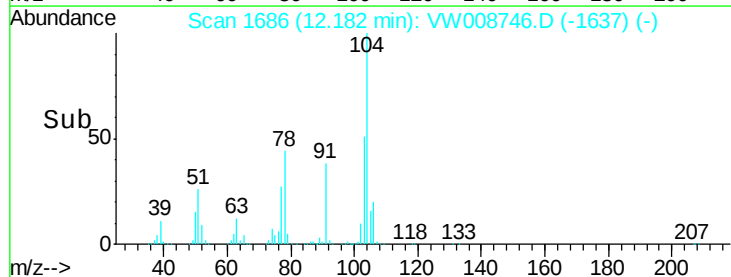
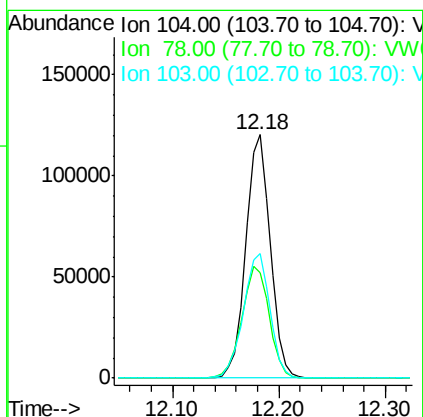
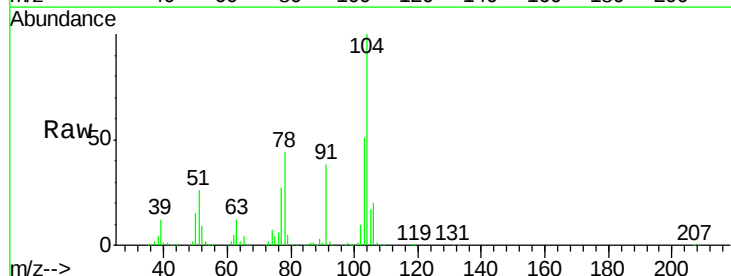
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

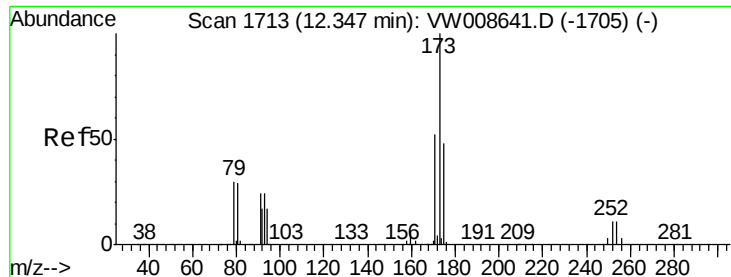
Tot Ion:106 Resp: 123418
Ion Ratio Lower Upper
106 100
91 207.8 106.7 320.1



#70
Styrene
Concen: 18.729 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion:104 Resp: 194915
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 55.4 43.5 65.3





#71

Bromoform

Concen: 17.378 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

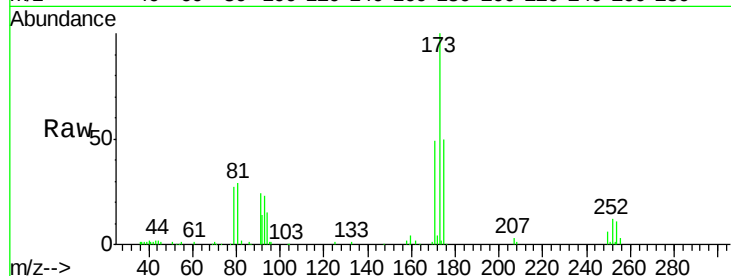
Tot Ion:173 Resp: 32260

Ion Ratio Lower Upper

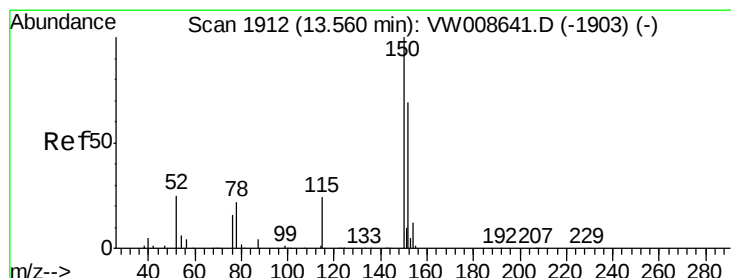
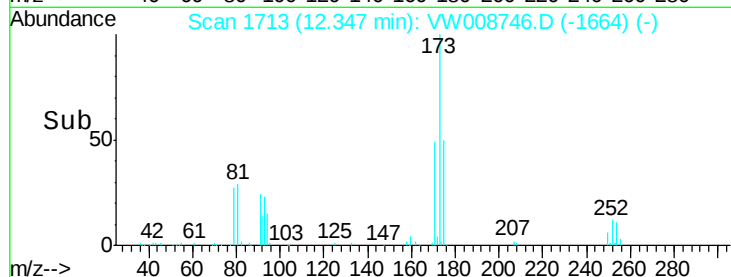
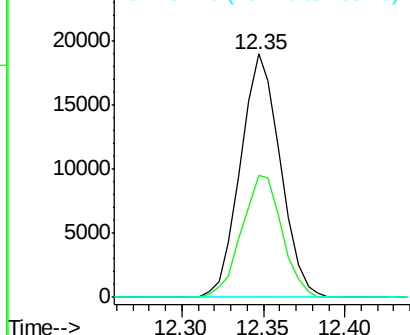
173 100

175 50.6 24.9 74.7

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

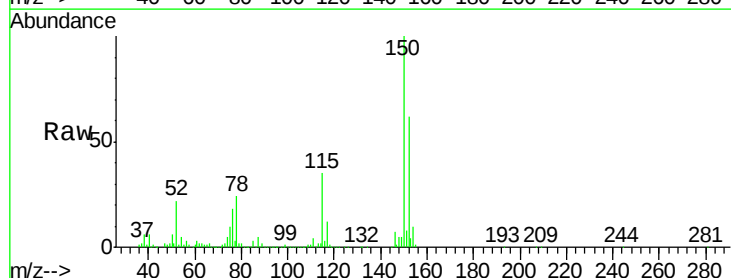
Tgt Ion:152 Resp: 237409

Ion Ratio Lower Upper

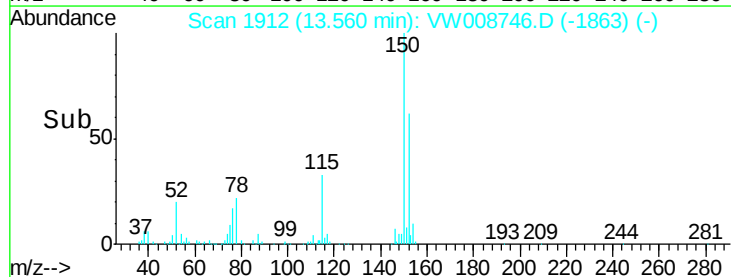
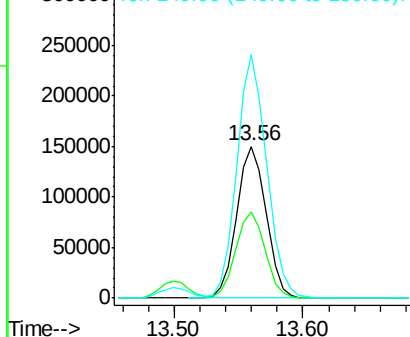
152 100

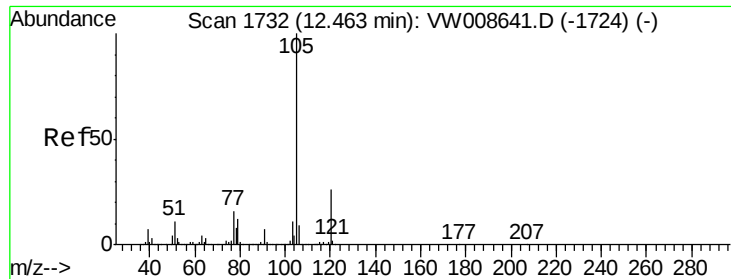
115 56.8 29.3 87.8

150 162.7 0.0 352.8



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: 19.366 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

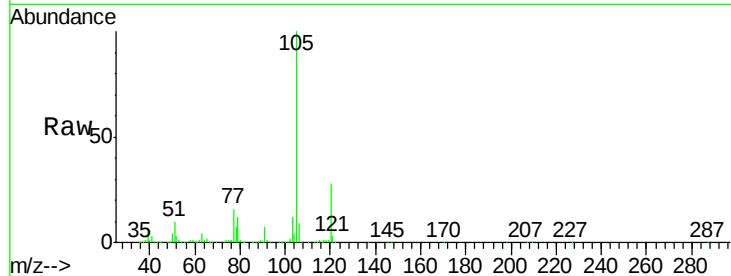
VW0219SBS01

Tot Ion:105 Resp: 342462

Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

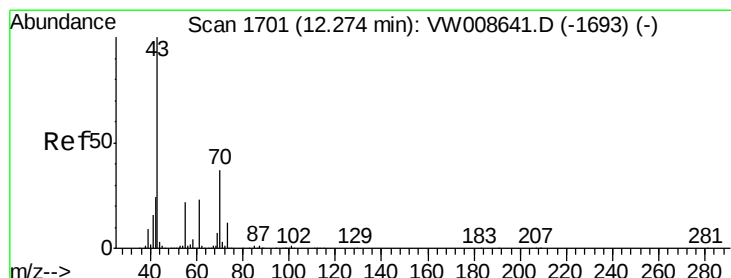
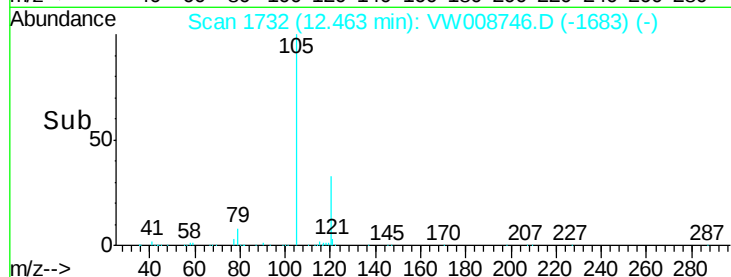
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 15.090 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Tgt Ion: 43 Resp: 72163

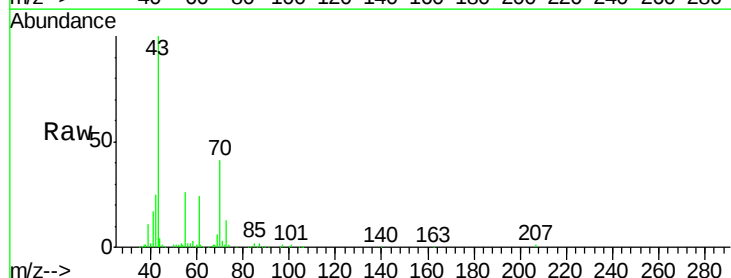
Ion Ratio Lower Upper

43 100

70 39.7 30.5 45.7

55 24.6 17.6 26.4

61 23.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

40000

20000

0

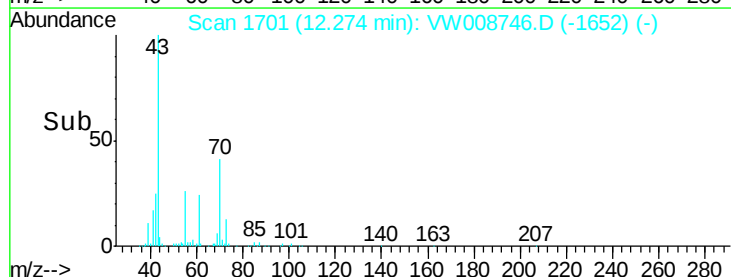
12.27

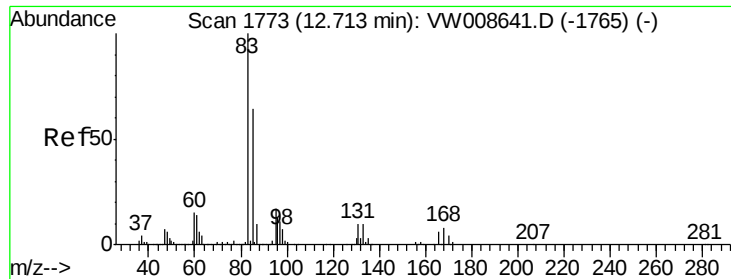
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.318 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

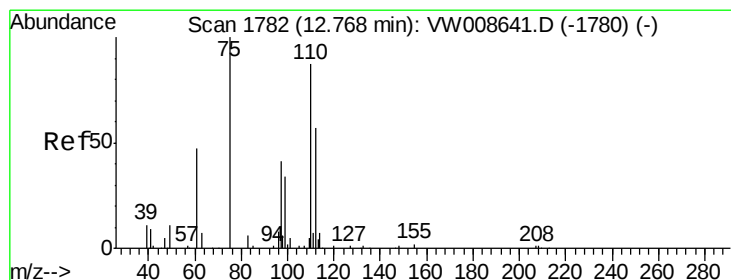
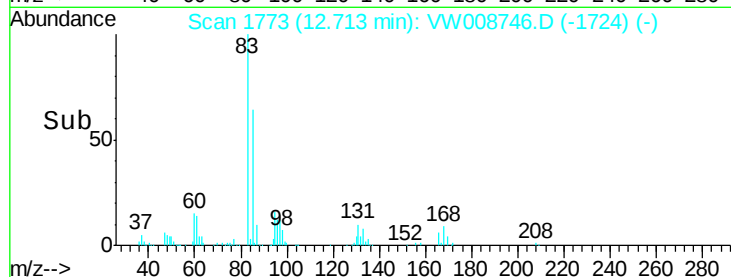
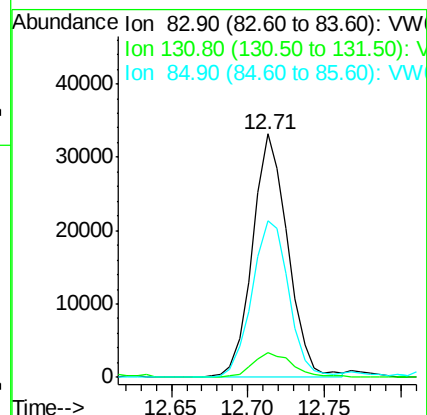
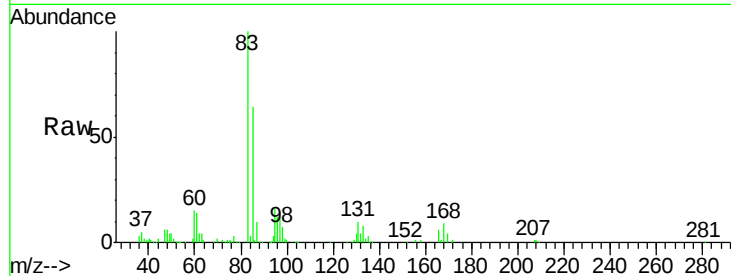
Tot Ion: 83 Resp: 53285

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.7

85 67.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 16.151 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008746.D

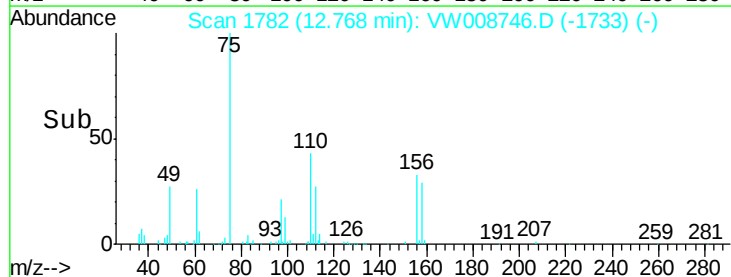
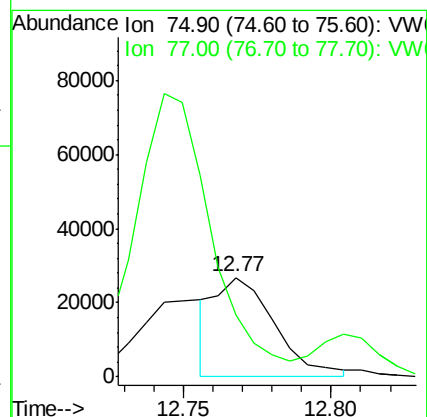
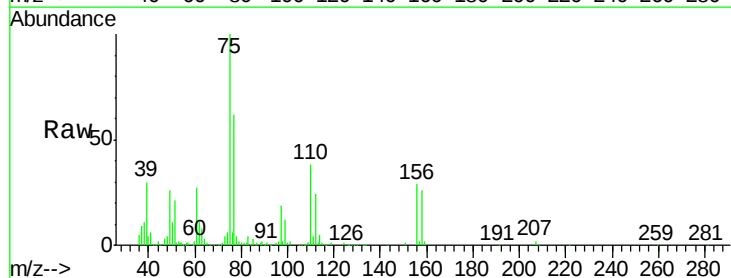
Acq: 19 Feb 2019 12:25

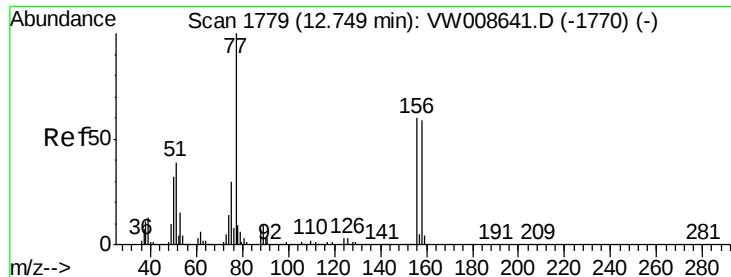
Tgt Ion: 75 Resp: 37862

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.373 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampled :

VW0219SBS01

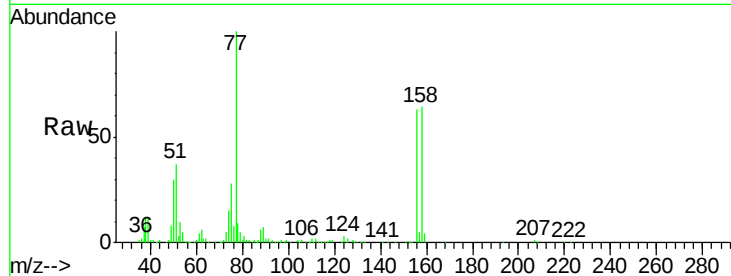
Tot Ion:156 Resp: 78752

Ion Ratio Lower Upper

156 100

77 175.6 93.2 279.5

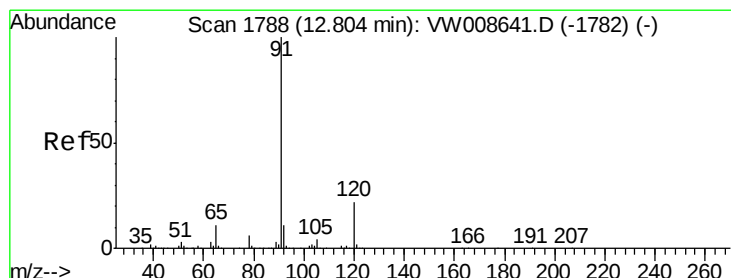
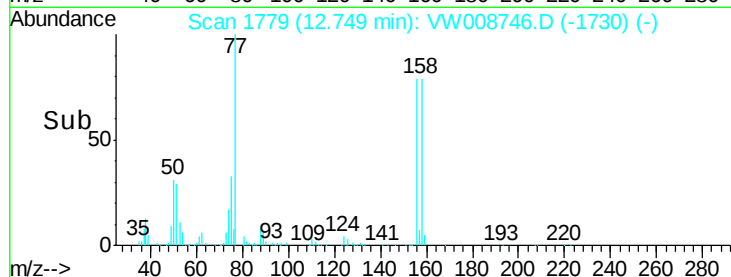
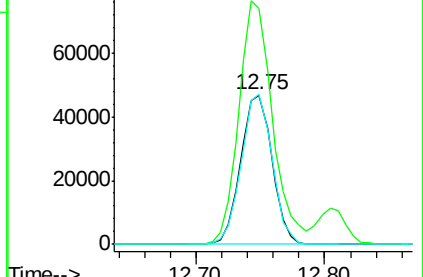
158 99.3 48.5 145.5



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: 19.723 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008746.D

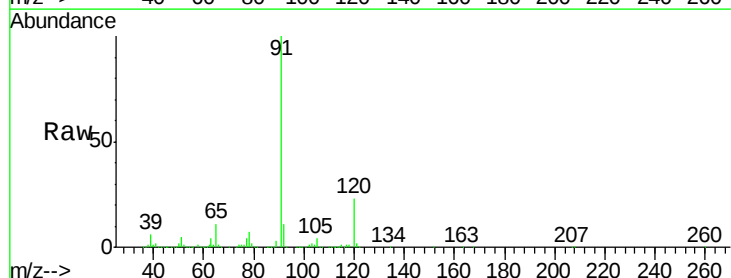
Acq: 19 Feb 2019 12:25

Tgt Ion: 91 Resp: 414426

Ion Ratio Lower Upper

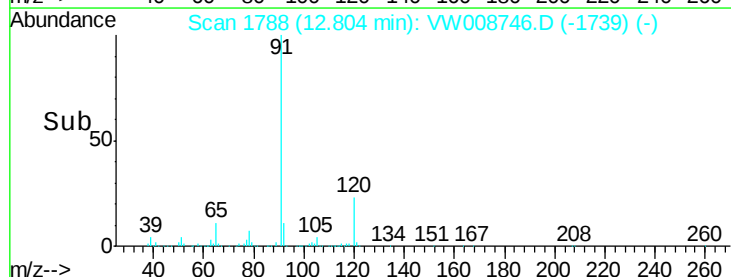
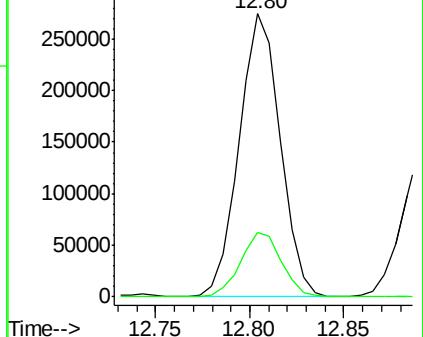
91 100

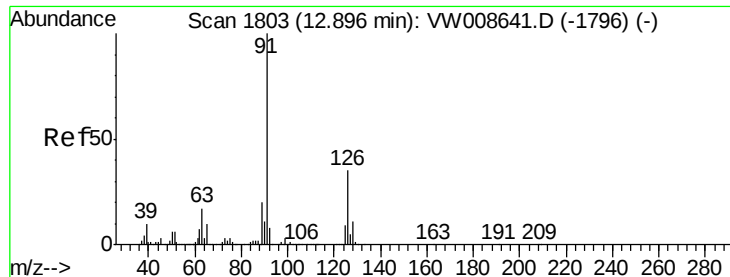
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.383 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

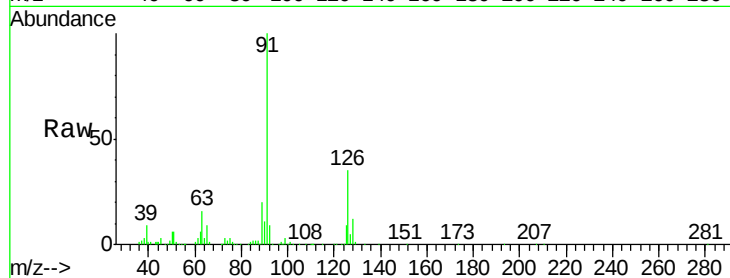
VW0219SBS01

Tot Ion: 91 Resp: 230179

Ion Ratio Lower Upper

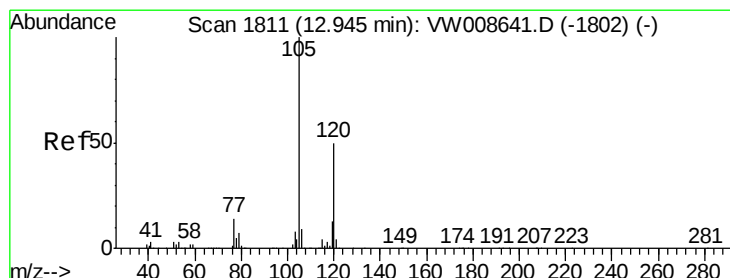
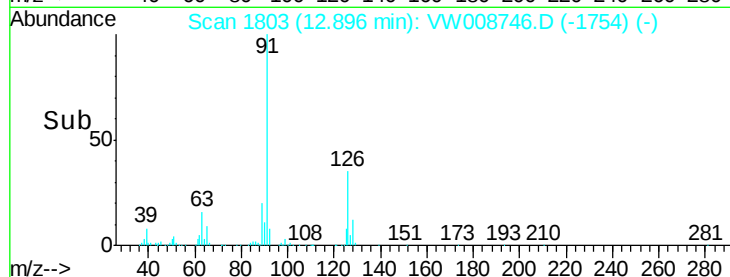
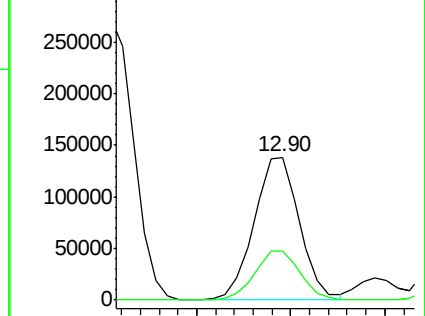
91 100

126 34.7 17.0 50.9



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: 19.500 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008746.D

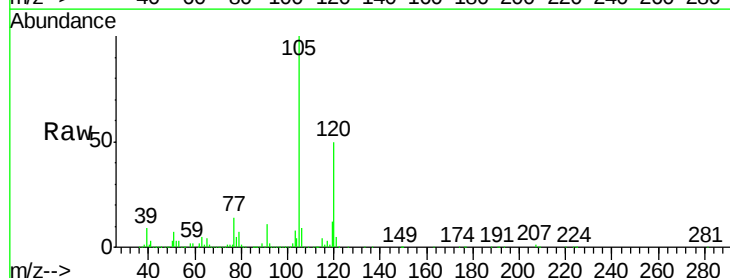
Acq: 19 Feb 2019 12:25

Tgt Ion:105 Resp: 286427

Ion Ratio Lower Upper

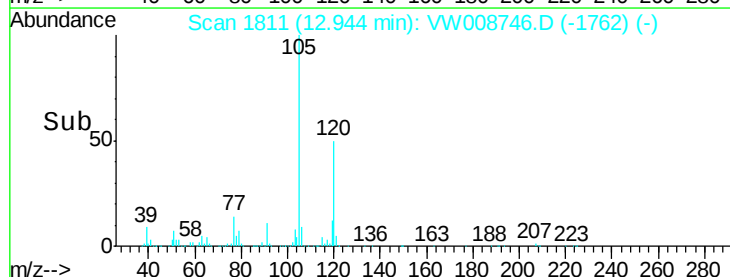
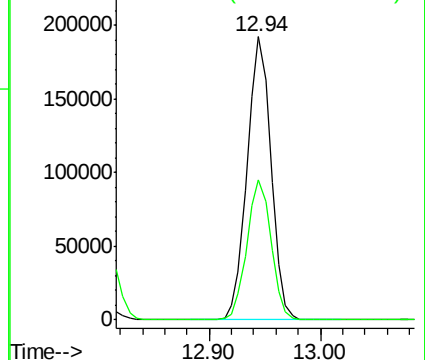
105 100

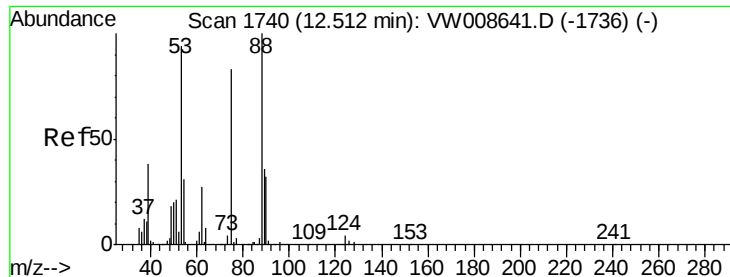
120 50.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.896 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

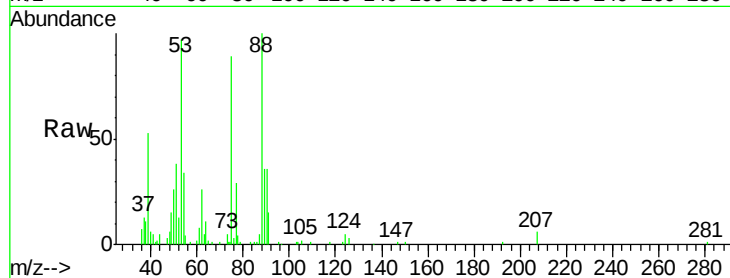
Tot Ion: 75 Resp: 14977

Ion Ratio Lower Upper

75 100

53 114.9 87.4 131.0

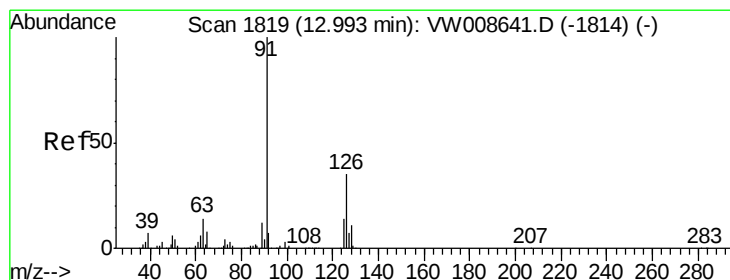
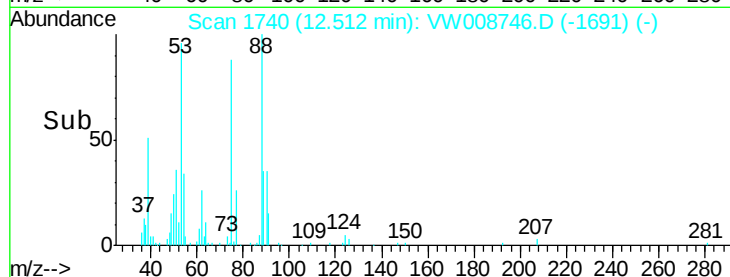
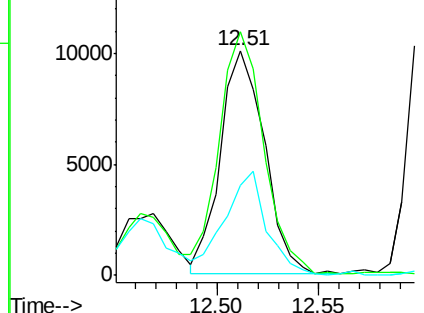
89 45.1 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 19.239 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW008746.D

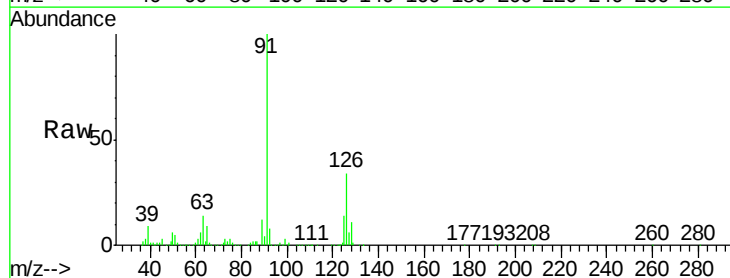
Acq: 19 Feb 2019 12:25

Tgt Ion: 91 Resp: 242130

Ion Ratio Lower Upper

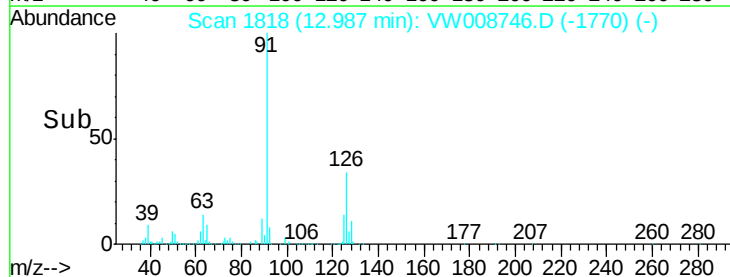
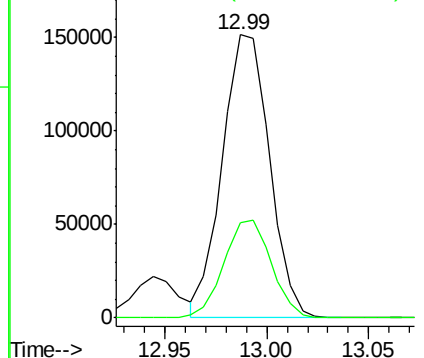
91 100

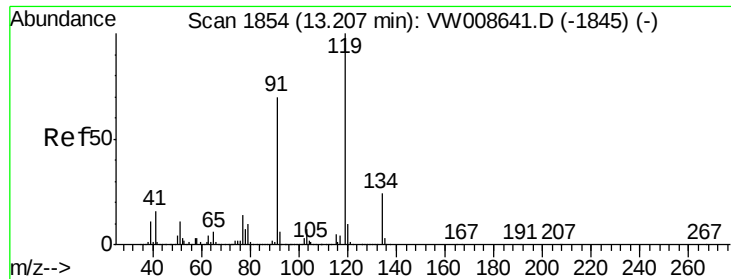
126 34.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

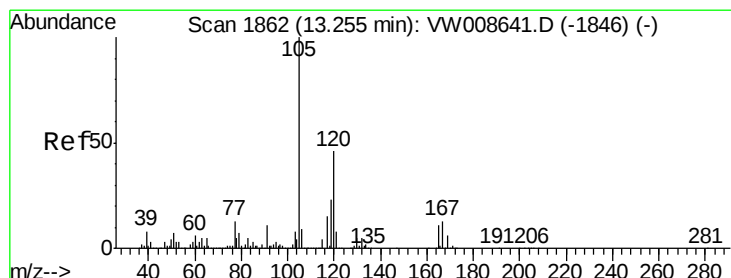
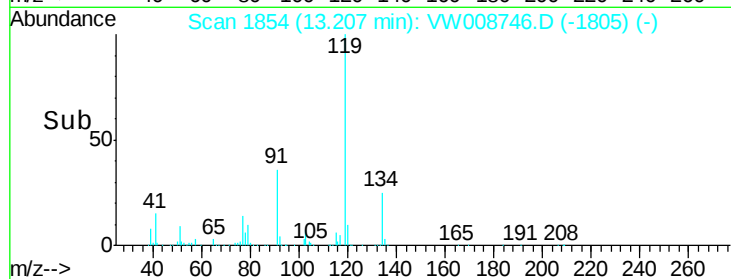
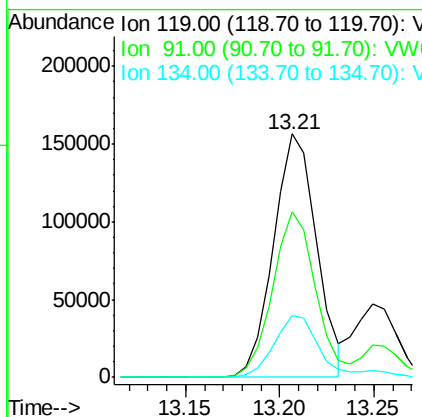
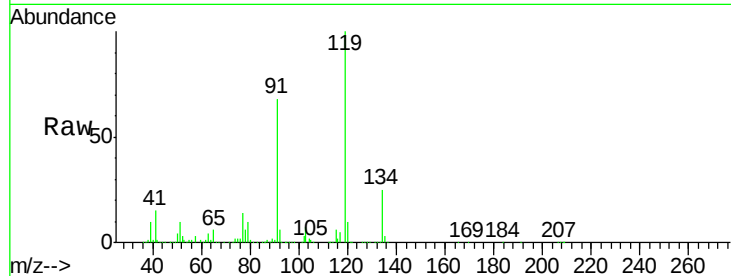




#83
tert-Butylbenzene
Concen: 19.471 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

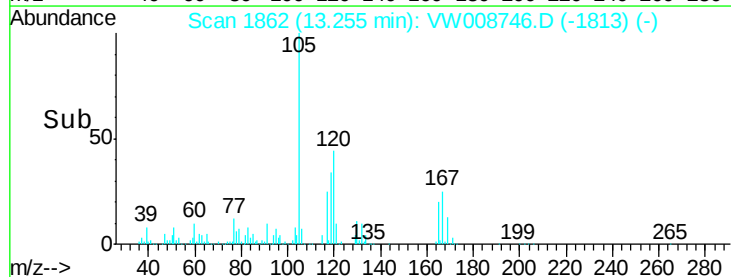
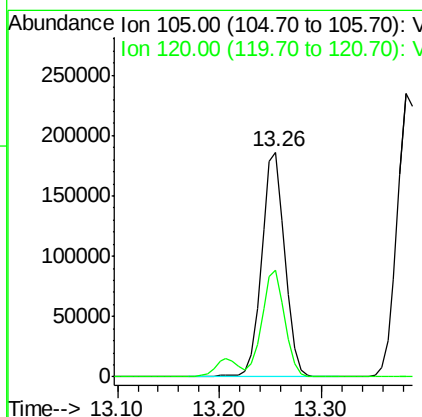
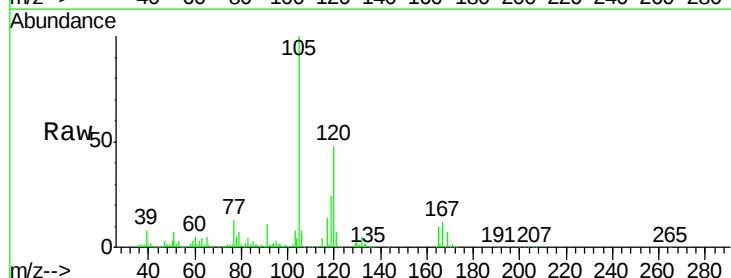
Instrument :
MSVOA_W
ClientSampleId :
VW0219SBS01

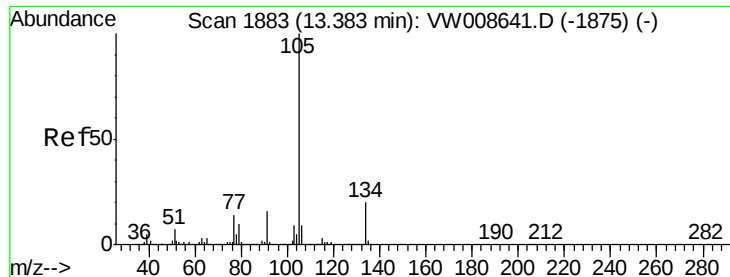
Tot Ion:119 Resp: 248345
Ion Ratio Lower Upper
119 100
91 68.0 34.0 102.0
134 28.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.506 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008746.D
Acq: 19 Feb 2019 12:25

Tgt Ion:105 Resp: 294487
Ion Ratio Lower Upper
105 100
120 46.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 19.605 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampled :

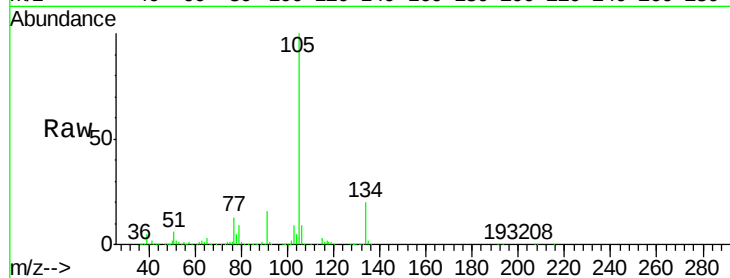
VW0219SBS01

Tot Ion:105 Resp: 364093

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

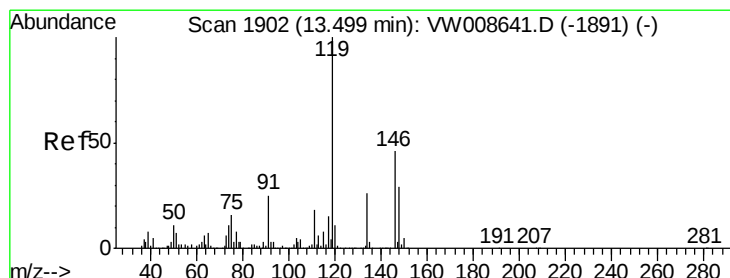
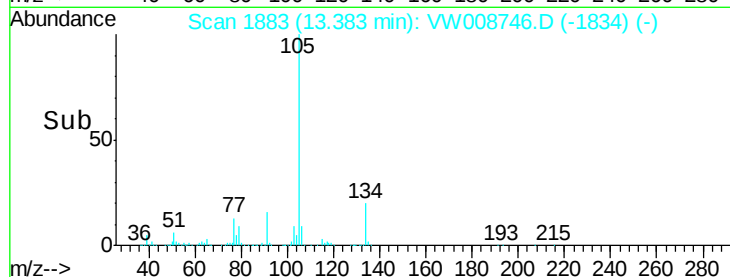
100000

50000

0

13.30 13.40 13.50

Time-->



#86

p-Isopropyltoluene

Concen: 19.742 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

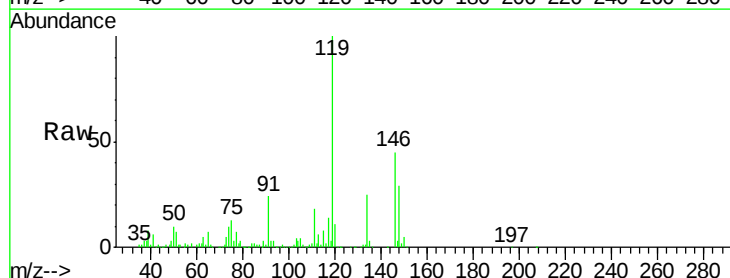
Tgt Ion:119 Resp: 327994

Ion Ratio Lower Upper

119 100

134 26.8 13.0 39.0

91 23.6 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

300000

250000

200000

150000

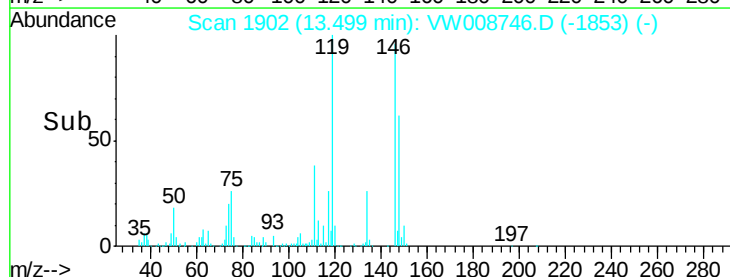
100000

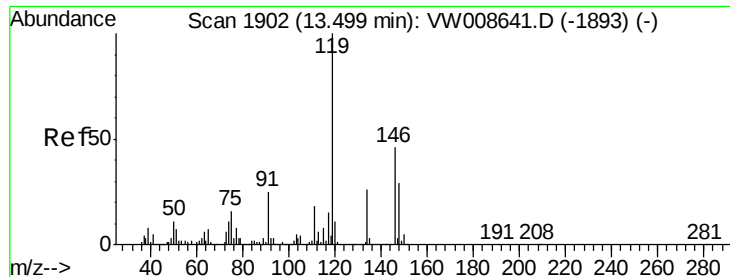
50000

0

13.45 13.50 13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.783 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

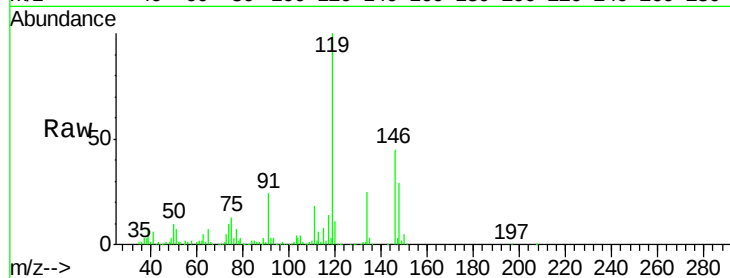
Tot Ion:146 Resp: 163021

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

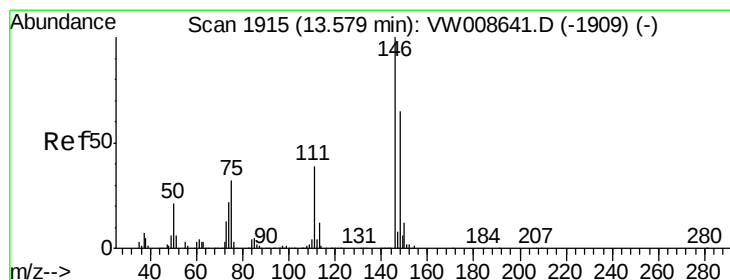
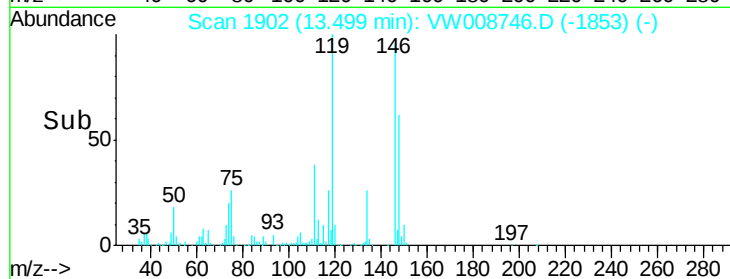
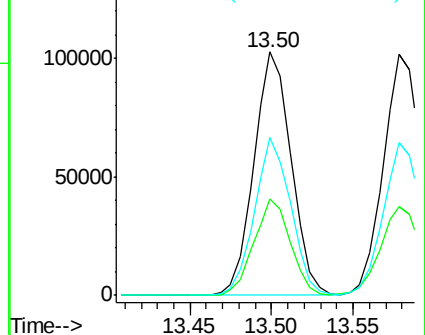
148 63.2 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.065 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

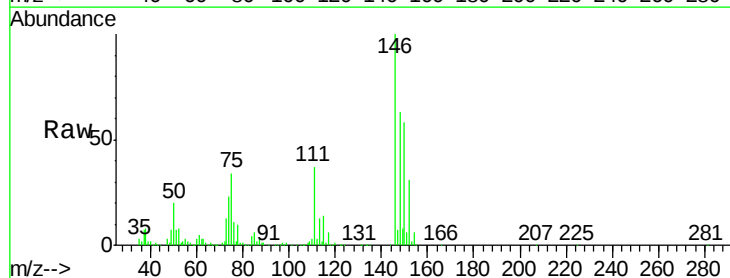
Tgt Ion:146 Resp: 162954

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

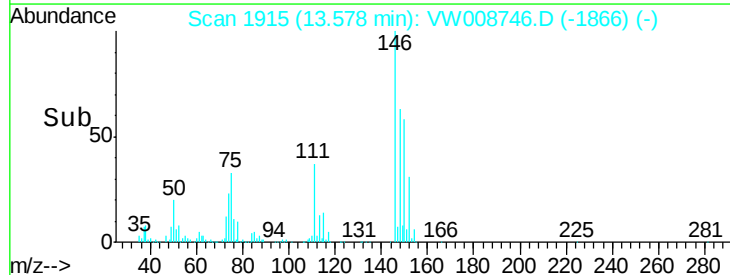
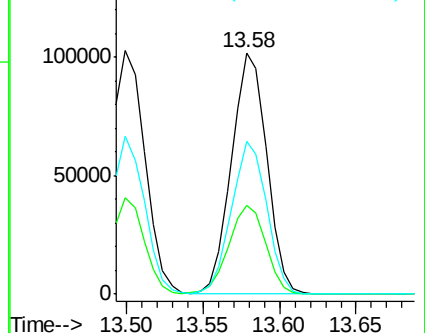
148 63.5 31.8 95.4

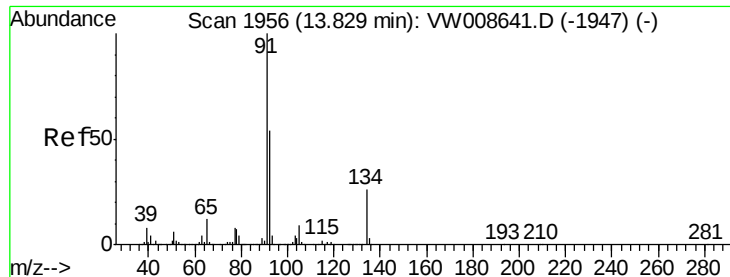


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.416 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

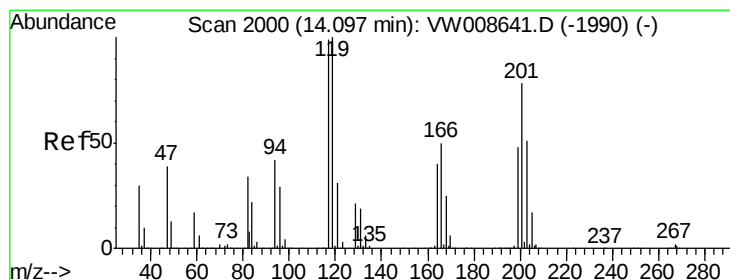
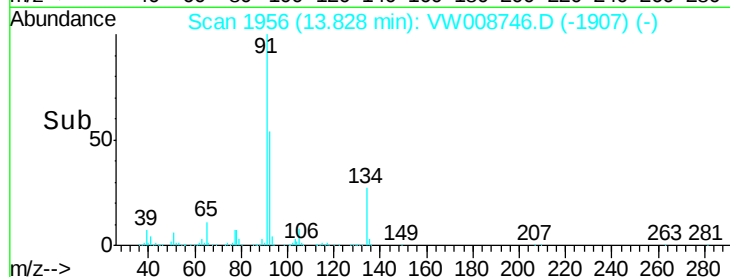
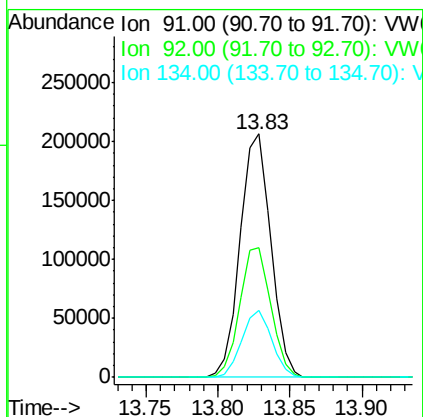
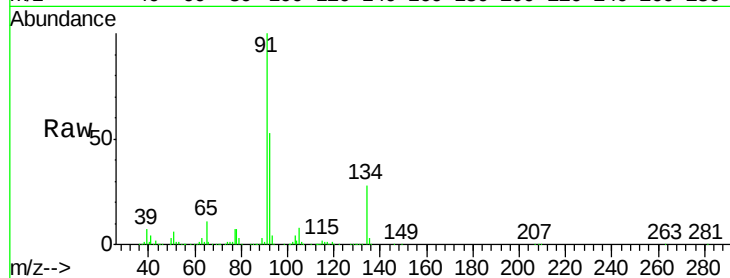
Tot Ion: 91 Resp: 306530

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.4

134 26.8 13.0 39.0



#90

Hexachloroethane

Concen: 19.546 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008746.D

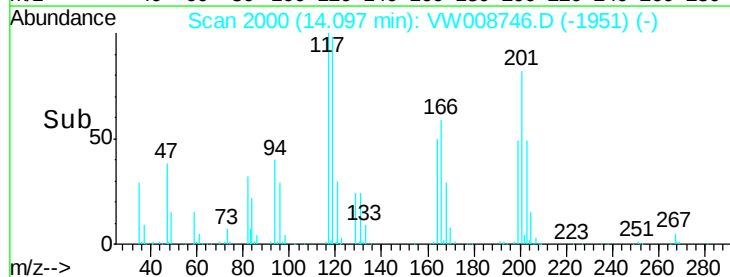
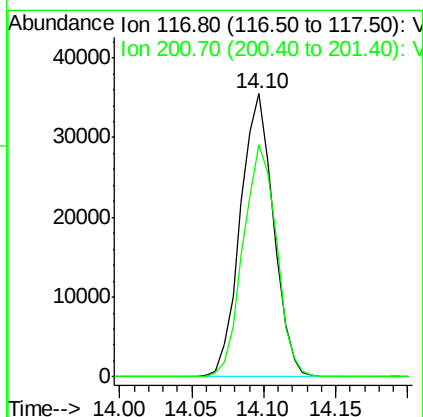
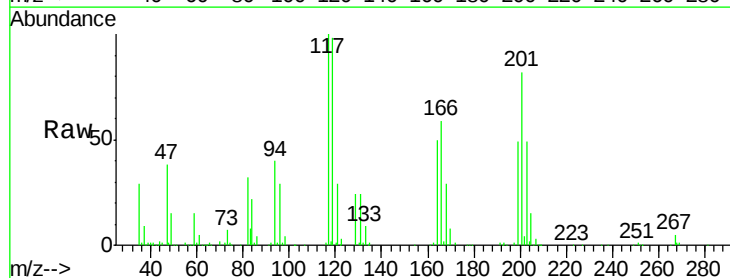
Acq: 19 Feb 2019 12:25

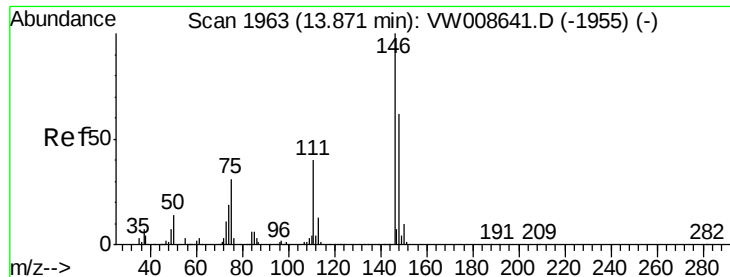
Tgt Ion: 117 Resp: 56734

Ion Ratio Lower Upper

117 100

201 82.5 38.7 116.1

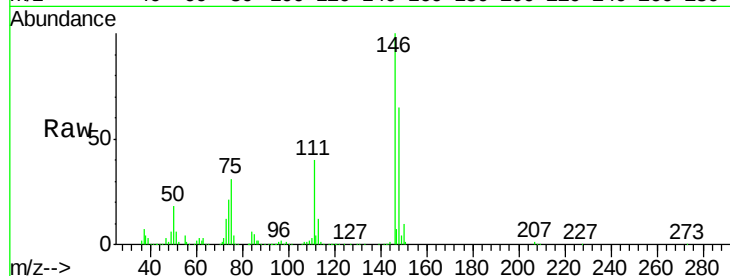




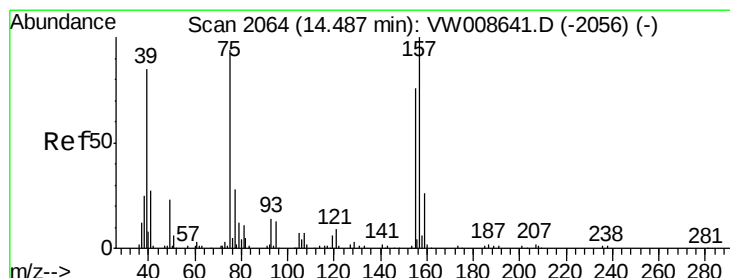
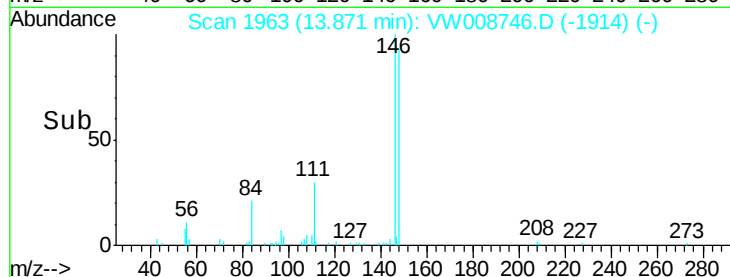
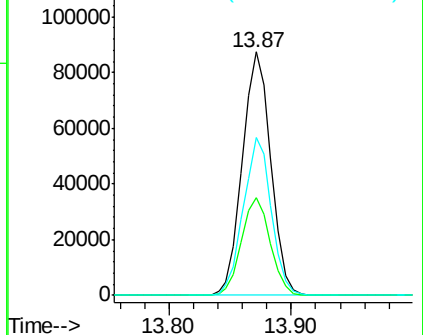
#91
 1,2-Dichlorobenzene
 Concen: 19.327 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008746.D
 Acq: 19 Feb 2019 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.5
148	64.0	31.6	94.8

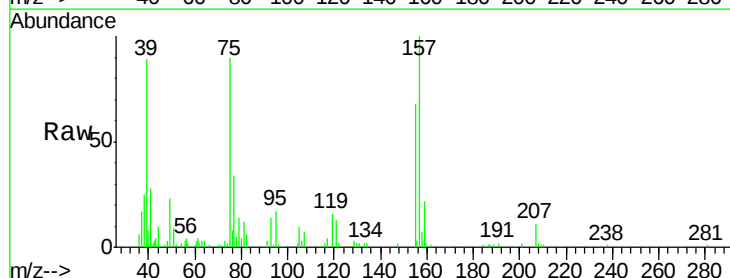


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

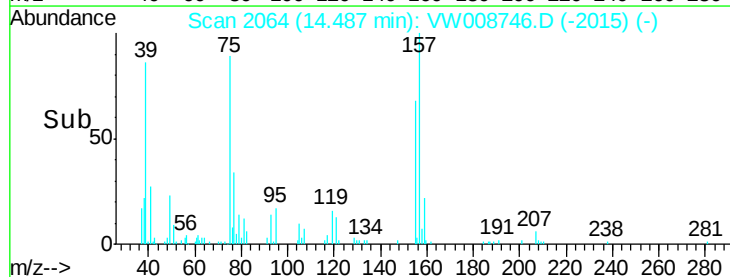
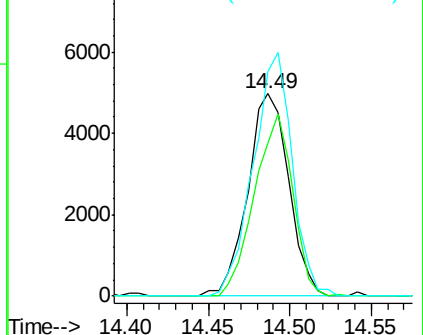


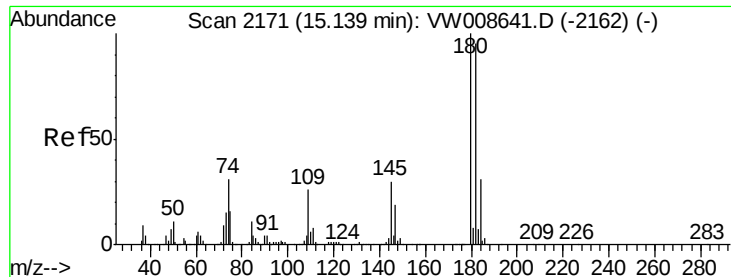
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.311 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008746.D
 Acq: 19 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	41.8	125.4
157	114.1	53.8	161.4



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

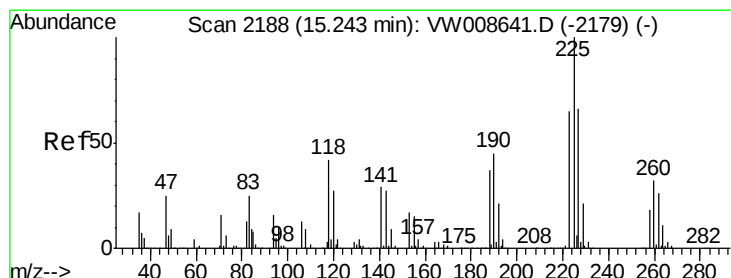
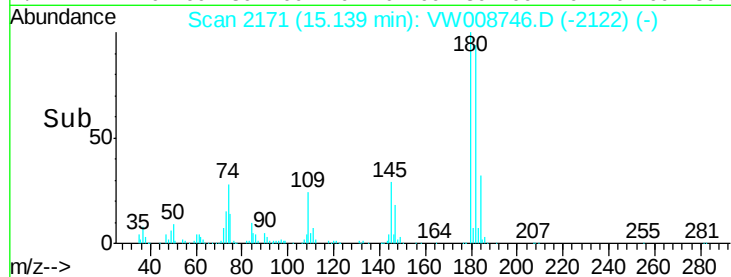
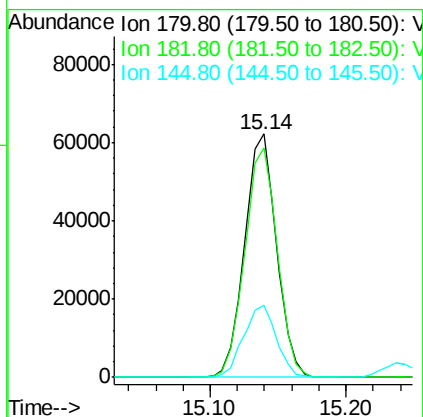
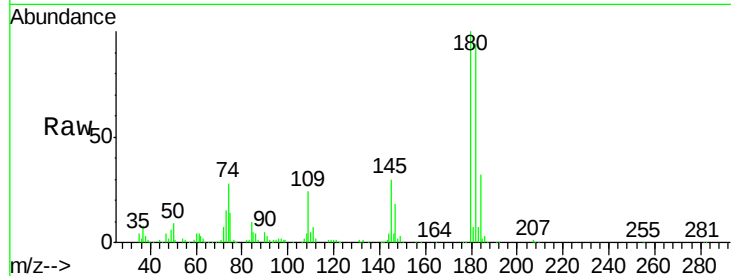




#93
 1,2,4-Trichlorobenzene
 Concen: 19.668 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008746.D
 Acq: 19 Feb 2019 12:25

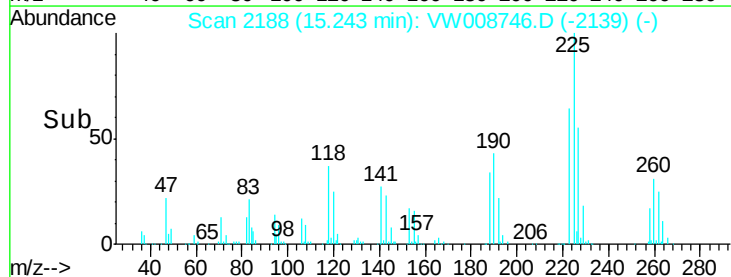
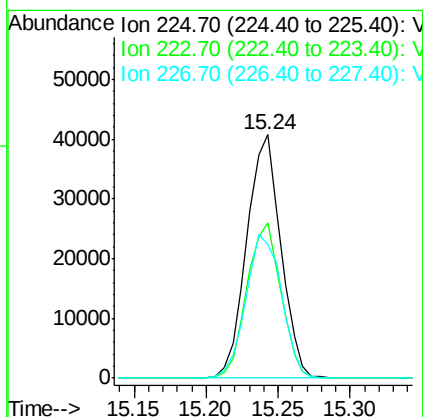
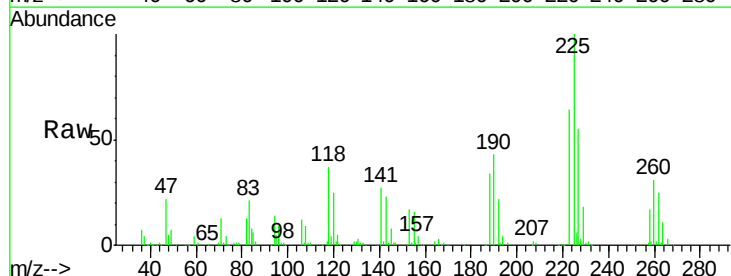
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0219SBS01

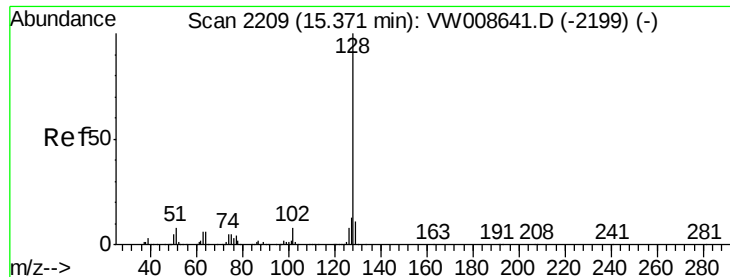
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.5
145	30.4	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 22.000 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008746.D
 Acq: 19 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	62.0	32.4	97.0





#95

Naphthalene

Concen: 17.495 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0219SBS01

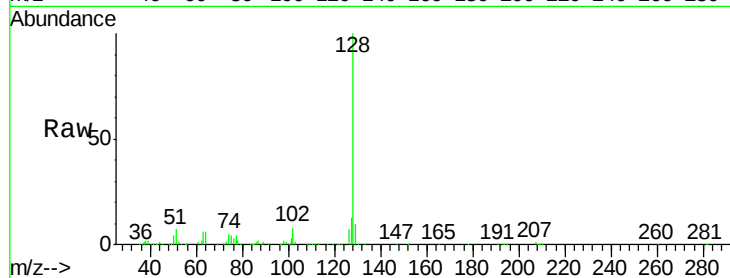
Tot Ion:128 Resp: 162944

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

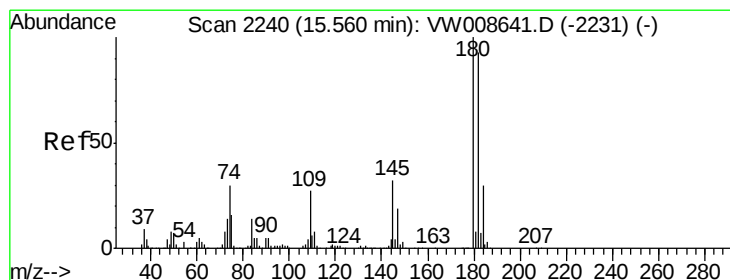
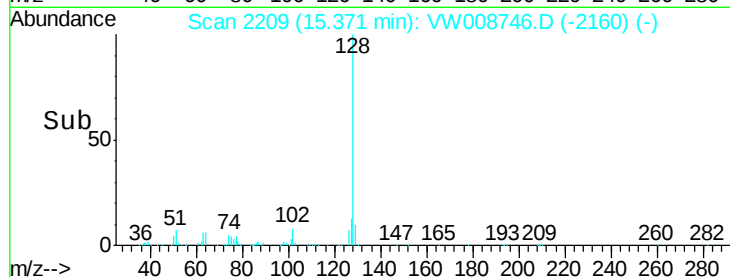
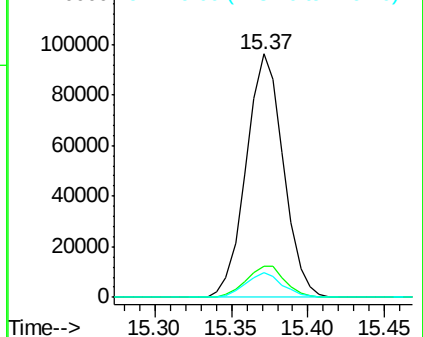
129 10.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.808 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW008746.D

Acq: 19 Feb 2019 12:25

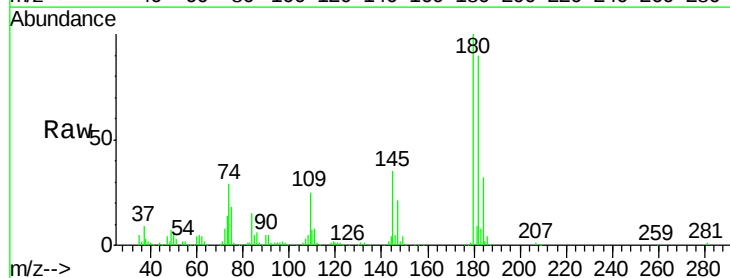
Tgt Ion:180 Resp: 88338

Ion Ratio Lower Upper

180 100

182 91.1 47.5 142.5

145 32.3 15.9 47.7



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

