

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008881.D
 Acq On : 28 Feb 2019 12:24
 Operator : SY/VA
 Sample : VW0228SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Quant Time: Mar 01 05:58:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	232150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141177	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.88	113	131365	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.32	98	511360	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.62	95	199924	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	57644	19.169	ug/l	95
3) Chloromethane	2.21	50	70303	19.206	ug/l	98
4) Vinyl Chloride	2.36	62	73284	18.909	ug/l	99
5) Bromomethane	2.75	94	54537	18.945	ug/l	95
6) Chloroethane	2.90	64	52635	19.125	ug/l	95
7) Trichlorofluoromethane	3.25	101	100620	20.528	ug/l	97
8) Diethyl Ether	3.68	74	30759	19.821	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61313	20.598	ug/l	100
10) Methyl Iodide	4.27	142	65084	17.485	ug/l	98
11) Tert butyl alcohol	5.16	59	25537	101.864	ug/l	96
12) 1,1-Dichloroethene	4.03	96	53604	20.391	ug/l	99
13) Acrolein	3.89	56	21309	93.988	ug/l	99
14) Allyl chloride	4.67	41	91780	20.229	ug/l	97
15) Acrylonitrile	5.37	53	67238	100.958	ug/l	99
16) Acetone	4.12	43	64793	99.266	ug/l	97
17) Carbon Disulfide	4.37	76	161357	18.500	ug/l	96
18) Methyl Acetate	4.68	43	29467	19.033	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	145013	20.380	ug/l	99
20) Methylene Chloride	4.92	84	81708	22.613	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	62480	20.547	ug/l	93
22) Diisopropyl ether	6.31	45	189120	20.896	ug/l	94
23) Vinyl Acetate	6.26	43	574019	102.650	ug/l	99
24) 1,1-Dichloroethane	6.22	63	109690	20.915	ug/l	99
25) 2-Butanone	7.17	43	91580	100.356	ug/l	93
26) 2,2-Dichloropropane	7.17	77	99577	20.913	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	67410	20.724	ug/l	98
28) Bromochloromethane	7.51	49	45917	20.922	ug/l	100
29) Tetrahydrofuran	7.53	42	57811	99.410	ug/l	99
30) Chloroform	7.68	83	110583	20.553	ug/l	98
31) Cyclohexane	7.95	56	109257	20.580	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	101111	20.665	ug/l	98
36) 1,1-Dichloropropene	8.08	75	88702	21.548	ug/l	99
37) Ethyl Acetate	7.26	43	39053	20.401	ug/l	97
38) Carbon Tetrachloride	8.07	117	92134	21.223	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106453	20.733	ug/l	99
40) Benzene	8.32	78	238302	21.203	ug/l	97
41) Methacrylonitrile	7.49	41	22136	19.673	ug/l	96
42) 1,2-Dichloroethane	8.40	62	76470	21.478	ug/l	99
43) Isopropyl Acetate	8.42	43	80090	20.963	ug/l	98
44) Trichloroethene	9.09	130	68994	21.791	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60390	21.743	ug/l	96
46) Dibromomethane	9.46	93	32005	20.717	ug/l	99
47) Bromodichloromethane	9.64	83	80555	21.431	ug/l	98
48) Methyl methacrylate	9.43	41	34680	18.953	ug/l	96
49) 1,4-Dioxane	9.45	88	9843	397.859	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	197205	101.670	ug/l	99
52) Toluene	10.38	92	163823	21.477	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	78797	20.568	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	94819	21.700	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	46805	22.340	ug/l	97
56) Ethyl methacrylate	10.65	69	56658	20.815	ug/l	97
57) 1,3-Dichloropropane	10.93	76	78070	21.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	147357	107.637	ug/l	99
59) 2-Hexanone	10.97	43	141285	102.326	ug/l	98
60) Dibromochloromethane	11.13	129	53263	20.843	ug/l	99
61) 1,2-Dibromoethane	11.23	107	43067	20.767	ug/l	98
64) Tetrachloroethene	10.86	164	60444	20.436	ug/l	97
65) Chlorobenzene	11.66	112	179058	20.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	61244	20.847	ug/l	98
67) Ethyl Benzene	11.73	91	321679	20.711	ug/l	100
68) m/p-Xylenes	11.84	106	257793	41.540	ug/l	100
69) o-Xylene	12.16	106	121662	20.887	ug/l	98
70) Styrene	12.18	104	192466	20.538	ug/l	99
71) Bromoform	12.35	173	30605	19.381	ug/l	97
73) Isopropylbenzene	12.46	105	331902	20.855	ug/l	99
74) N-amyl acetate	12.27	43	77731	19.390	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	50657	19.480	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	71382	37.242	ug/l #	100
77) Bromobenzene	12.75	156	78889	20.976	ug/l	96
78) n-propylbenzene	12.80	91	404780	20.793	ug/l	99
79) 2-Chlorotoluene	12.90	91	226691	20.510	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	287881	20.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14599	18.517	ug/l	98
82) 4-Chlorotoluene	12.99	91	240779	20.672	ug/l	99
83) tert-Butylbenzene	13.21	119	244674	20.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	294458	20.568	ug/l	99
85) sec-Butylbenzene	13.38	105	358279	20.836	ug/l	99
86) p-Isopropyltoluene	13.50	119	316915	20.104	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	163393	20.940	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	160060	20.813	ug/l	98
89) n-Butylbenzene	13.83	91	306346	20.744	ug/l	99
90) Hexachloroethane	14.10	117	53211	20.620	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	146995	21.143	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9455	20.100	ug/l	95

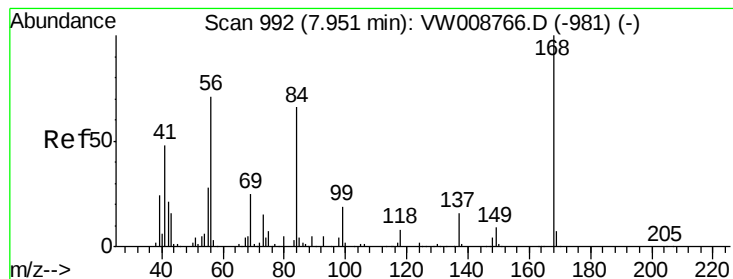
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022819\
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Acq On : 28 Feb 2019 12:24
Operator : SY/VA
Sample : VW0228SBSD01
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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	104263	20.813	ug/l	97
94) Hexachlorobutadiene	15.24	225	64946	22.010	ug/l	99
95) Naphthalene	15.37	128	168442	19.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	93971	21.696	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

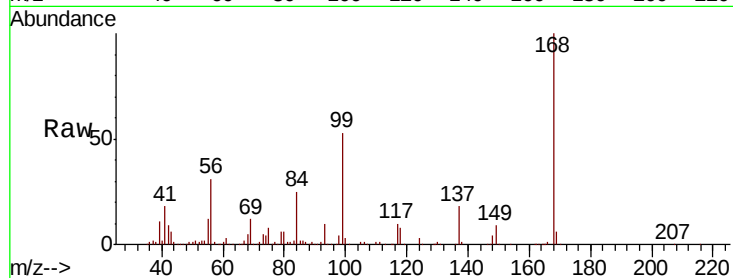
VW0228SBSD01

Tot Ion:168 Resp: 300240

Ion Ratio Lower Upper

168 100

99 53.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

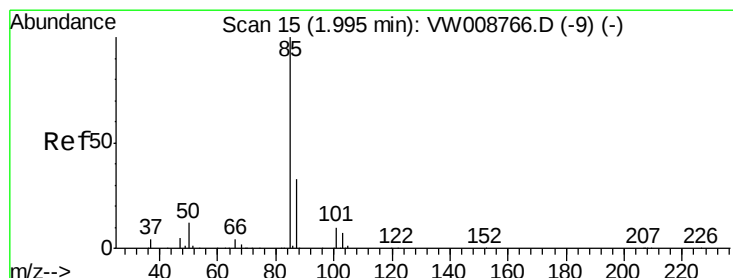
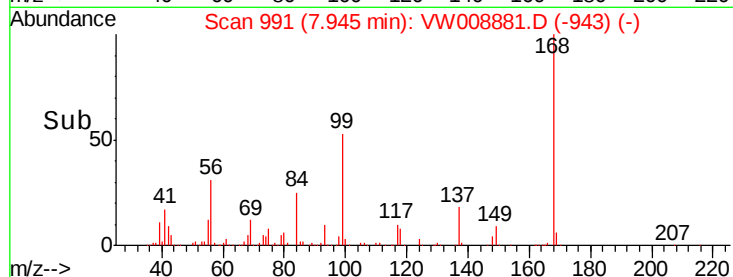
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.169 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008881.D

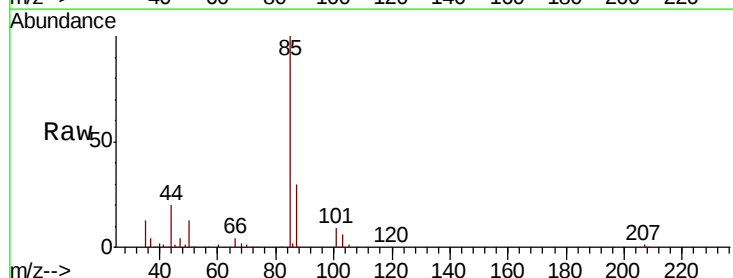
Acq: 28 Feb 2019 12:24

Tgt Ion: 85 Resp: 57644

Ion Ratio Lower Upper

85 100

87 30.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

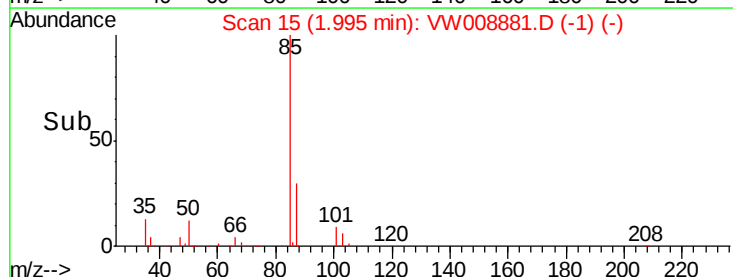
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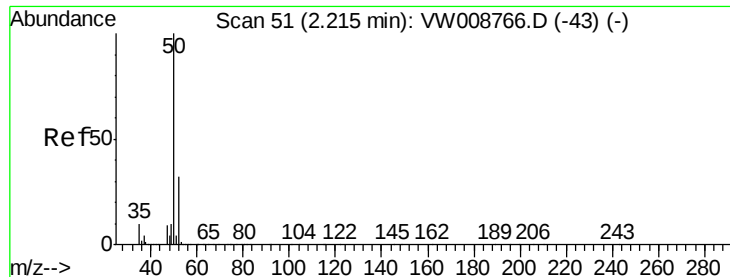
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.206 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

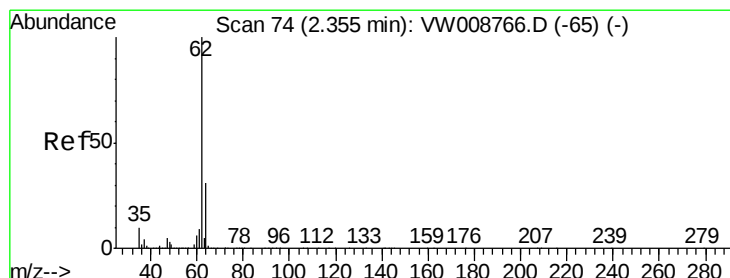
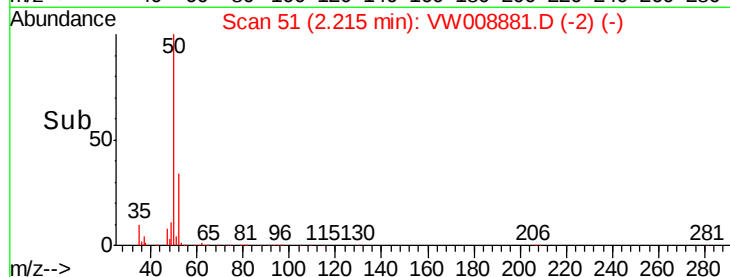
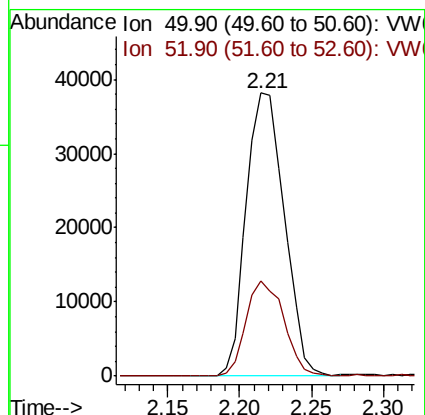
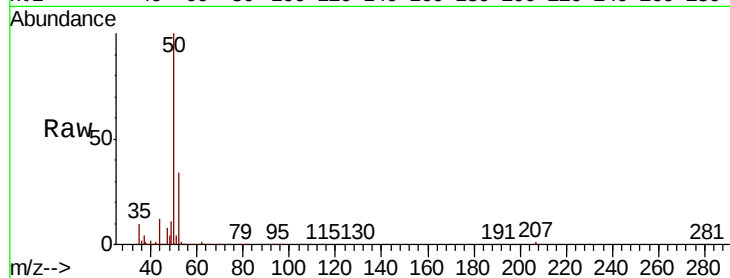
VW0228SBSD01

Tot Ion: 50 Resp: 70303

Ion Ratio Lower Upper

50 100

52 33.6 25.9 38.9



#4

Vinyl Chloride

Concen: 18.909 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008881.D

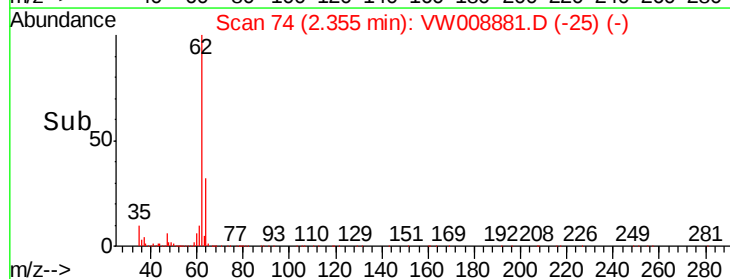
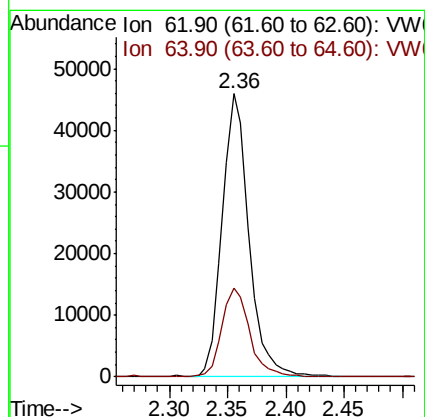
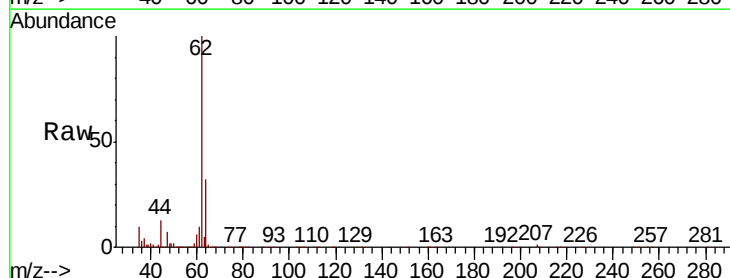
Acq: 28 Feb 2019 12:24

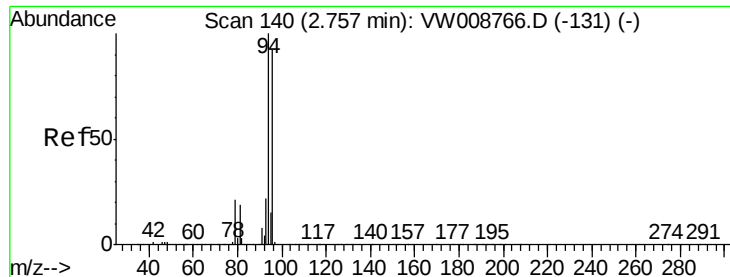
Tgt Ion: 62 Resp: 73284

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 18.945 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

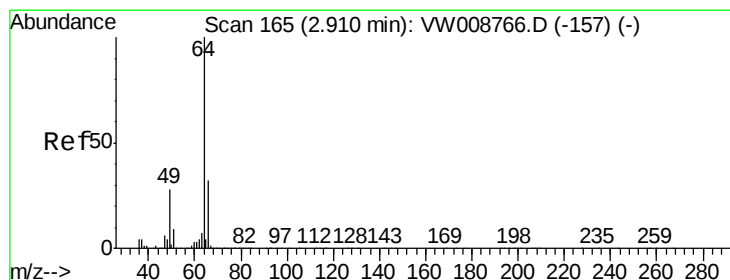
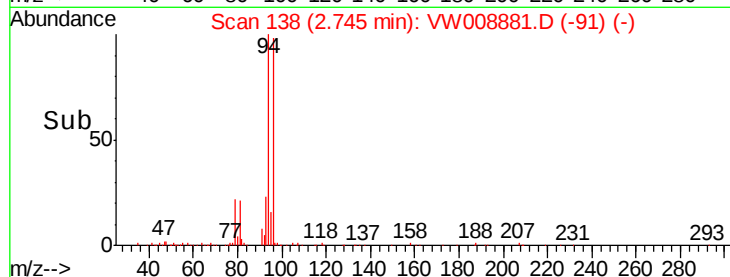
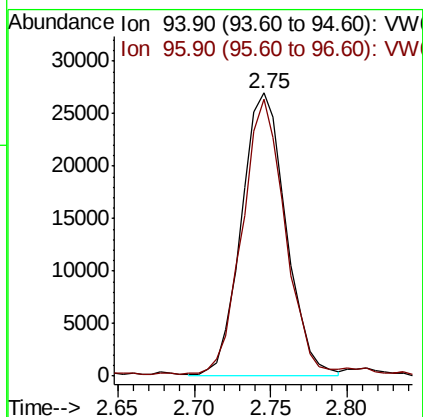
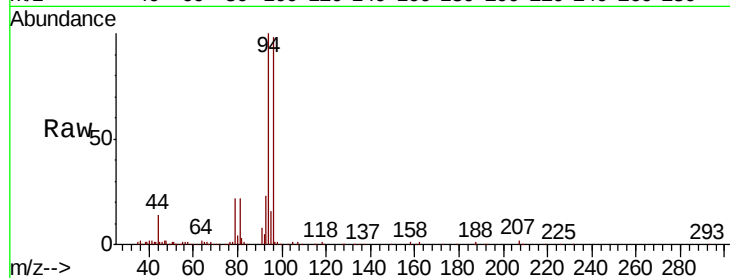
VW0228SBSD01

Tot Ion: 94 Resp: 54537

Ion Ratio Lower Upper

94 100

96 97.0 73.4 110.2



#6

Chloroethane

Concen: 19.125 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW008881.D

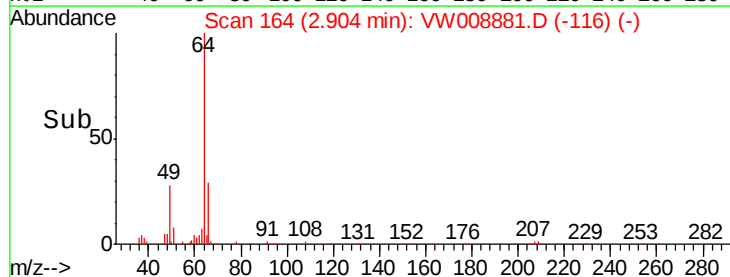
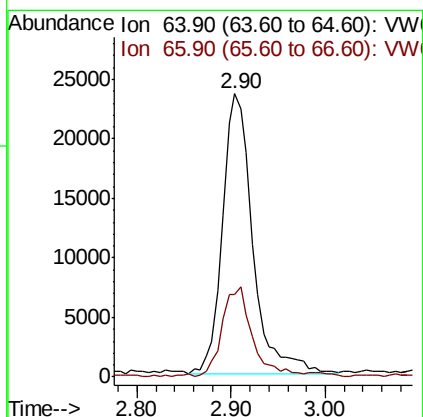
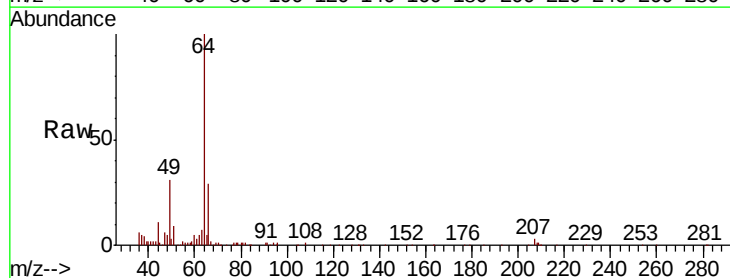
Acq: 28 Feb 2019 12:24

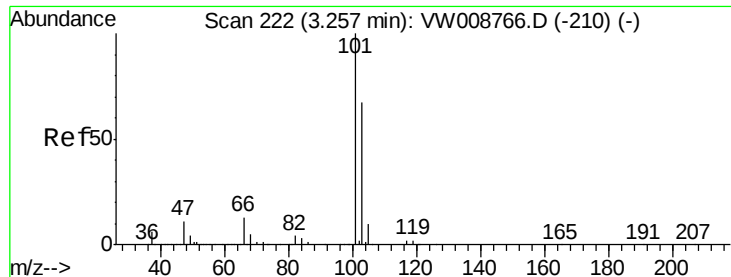
Tgt Ion: 64 Resp: 52635

Ion Ratio Lower Upper

64 100

66 29.1 25.5 38.3



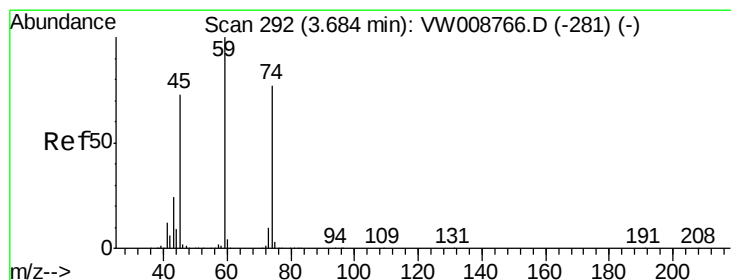
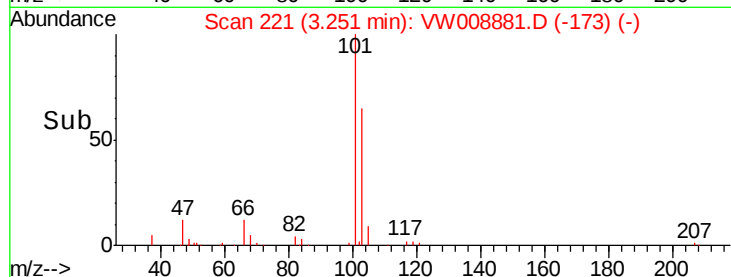
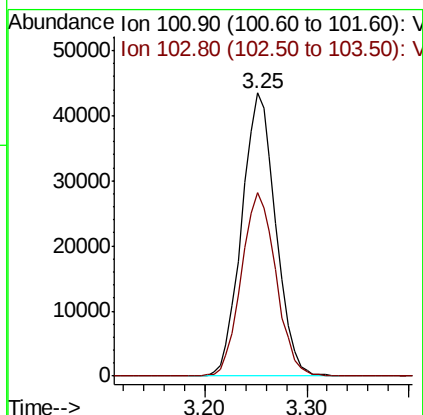
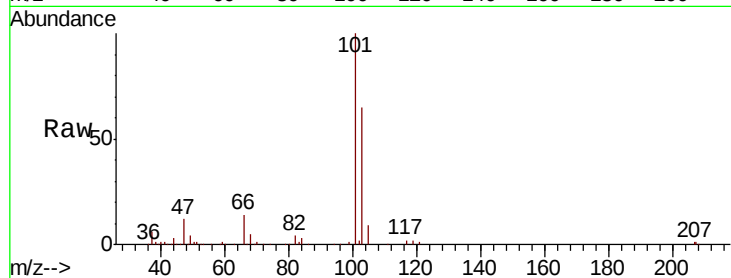


#7

Trichlorofluoromethane
 Concen: 20.528 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBSD01

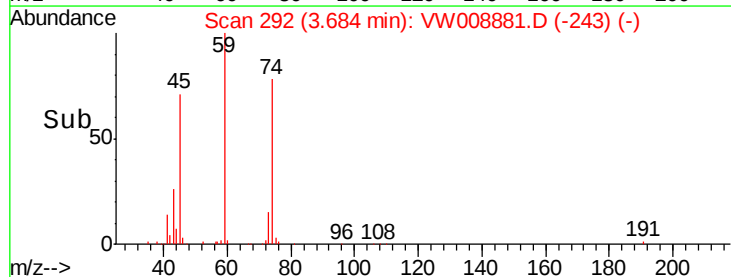
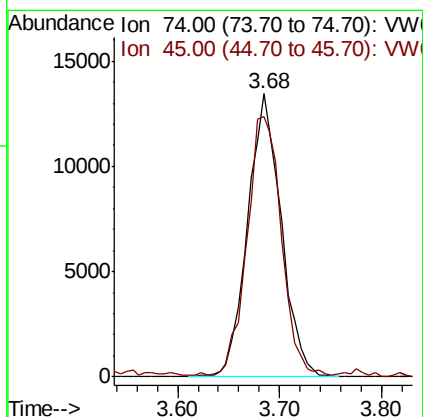
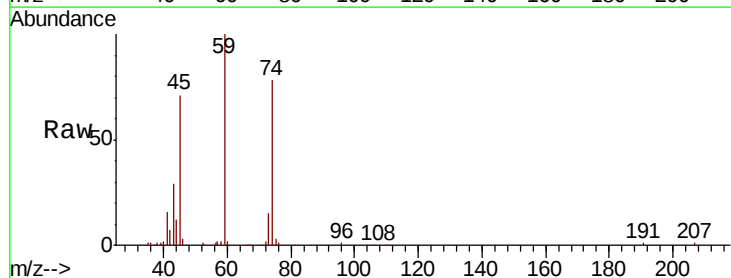
Tot Ion:101 Resp: 100620
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.9 80.9



#8

Diethyl Ether
 Concen: 19.821 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion: 74 Resp: 30759
 Ion Ratio Lower Upper
 74 100
 45 94.3 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.598 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBSD01

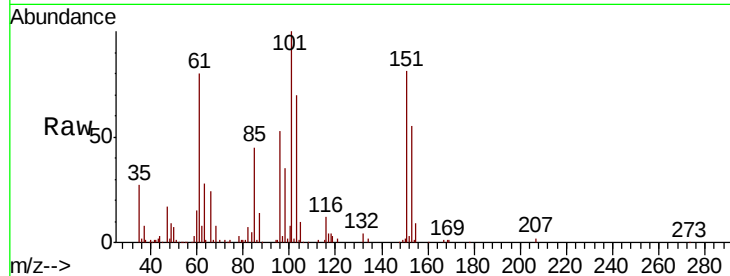
Tot Ion:101 Resp: 61313

Ion Ratio Lower Upper

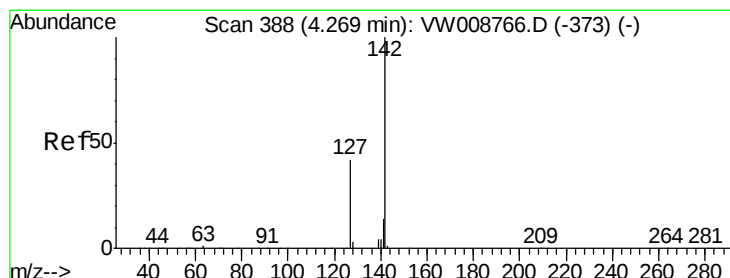
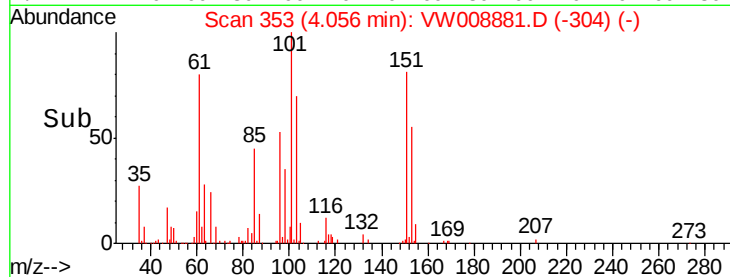
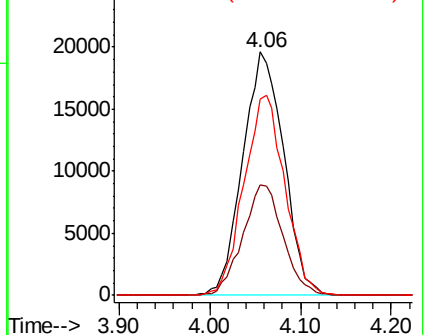
101 100

85 44.7 36.0 54.0

151 82.0 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.485 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

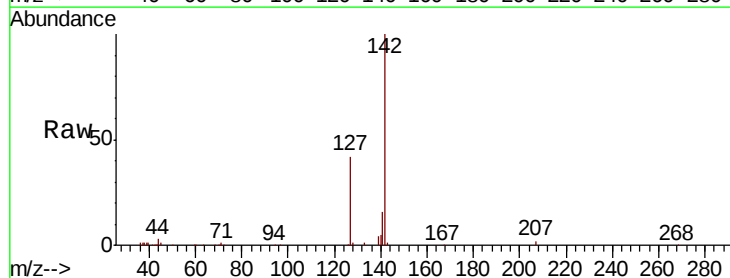
Tgt Ion:142 Resp: 65084

Ion Ratio Lower Upper

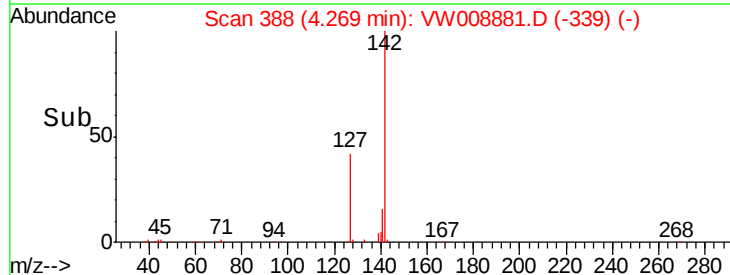
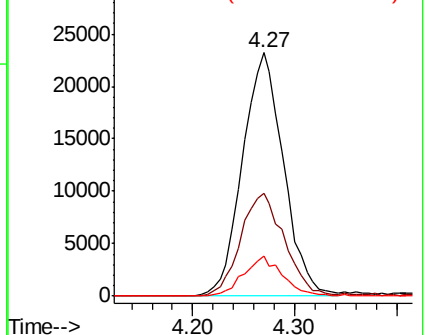
142 100

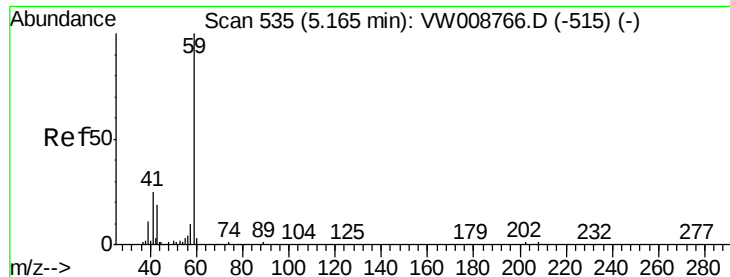
127 45.0 35.3 52.9

141 15.6 11.7 17.5



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



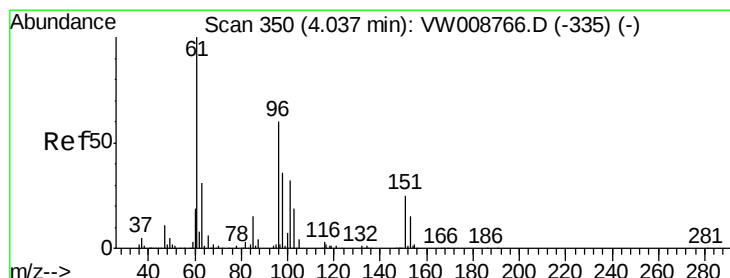
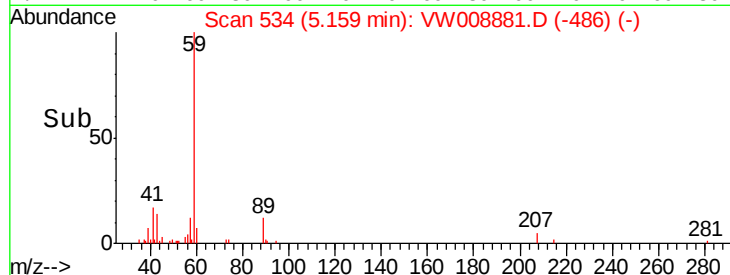
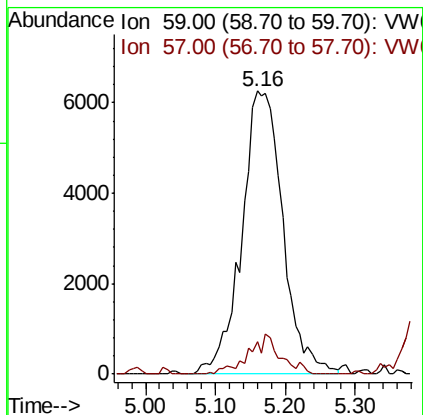
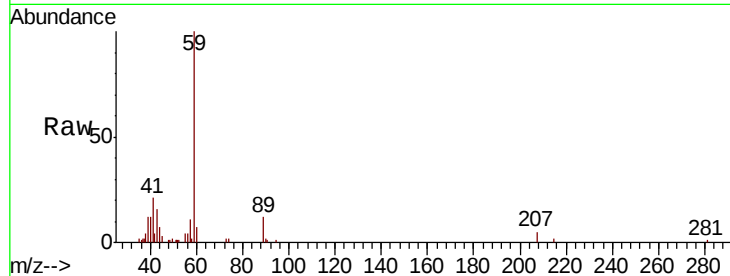


#11

Tert butyl alcohol
Concen: 101.864 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

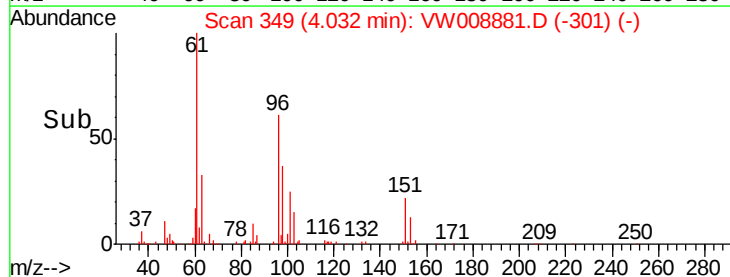
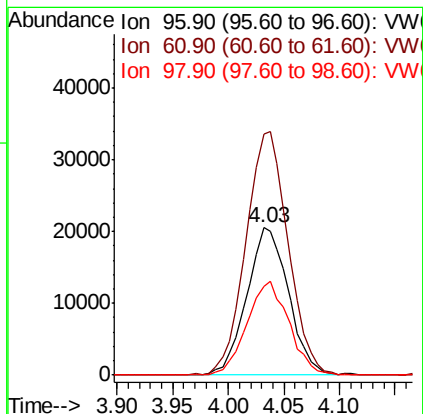
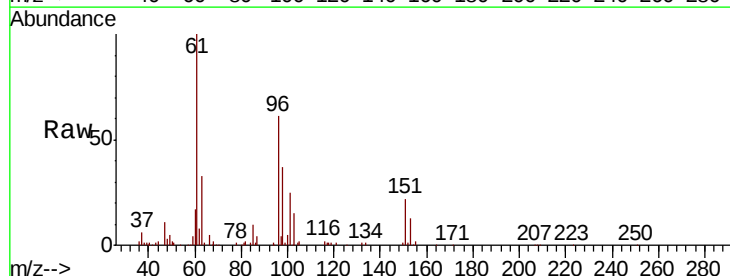
Tot Ion: 59 Resp: 25537
Ion Ratio Lower Upper
59 100
57 10.2 9.3 13.9

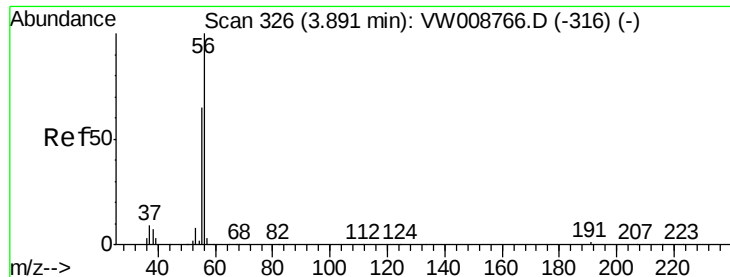


#12

1,1-Dichloroethene
Concen: 20.391 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 96 Resp: 53604
Ion Ratio Lower Upper
96 100
61 163.3 132.5 198.7
98 60.2 48.2 72.4





#13

Acrolein

Concen: 93.988 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

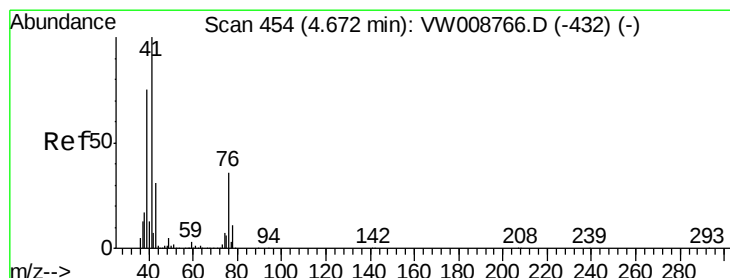
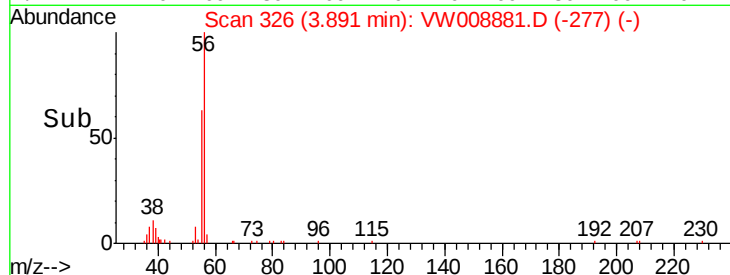
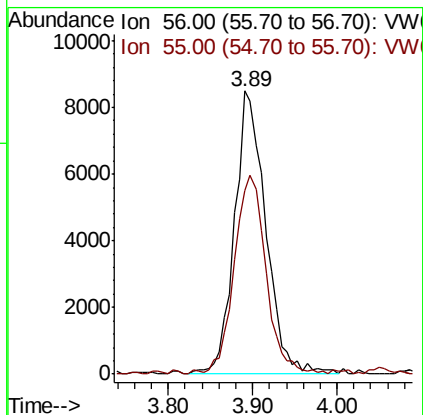
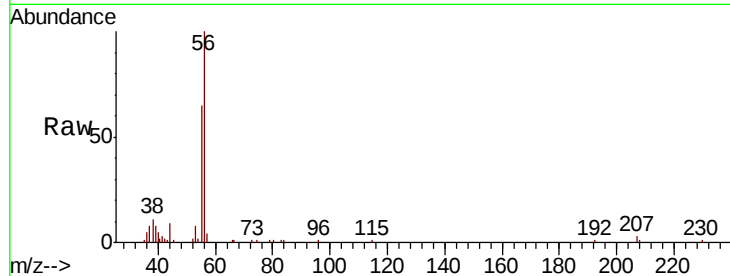
VW0228SBSD01

Tot Ion: 56 Resp: 21309

Ion Ratio Lower Upper

56 100

55 71.9 56.9 85.3



#14

Allyl chloride

Concen: 20.229 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

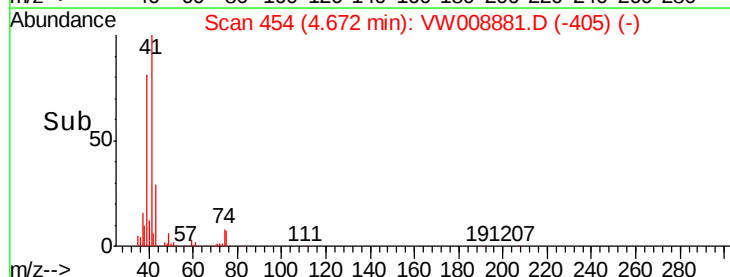
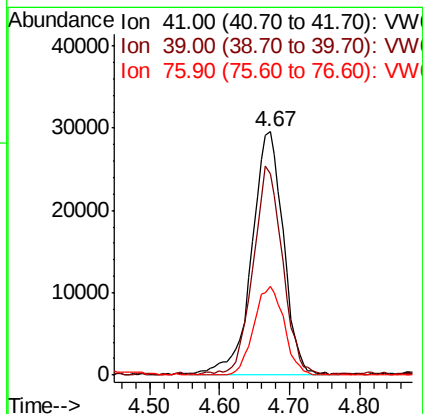
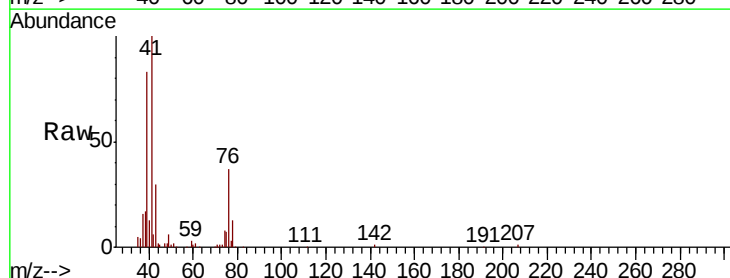
Tgt Ion: 41 Resp: 91780

Ion Ratio Lower Upper

41 100

39 79.9 60.6 91.0

76 35.4 28.6 42.8

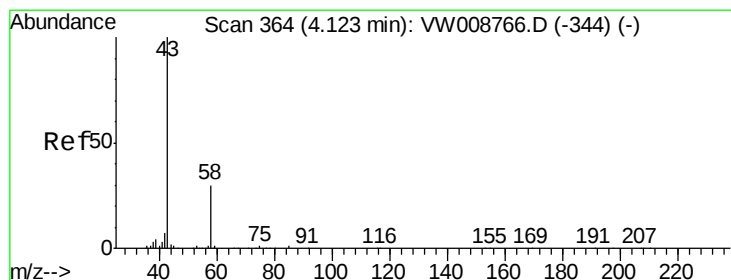
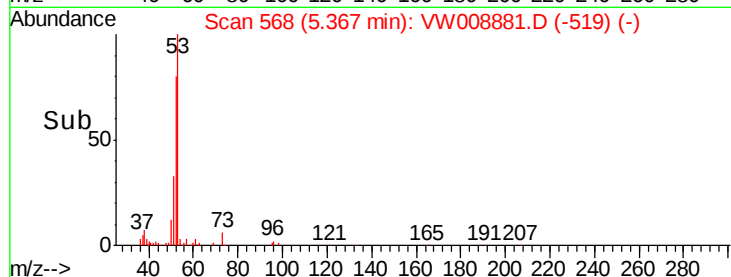
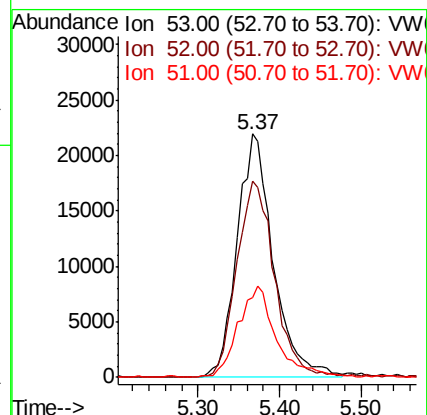
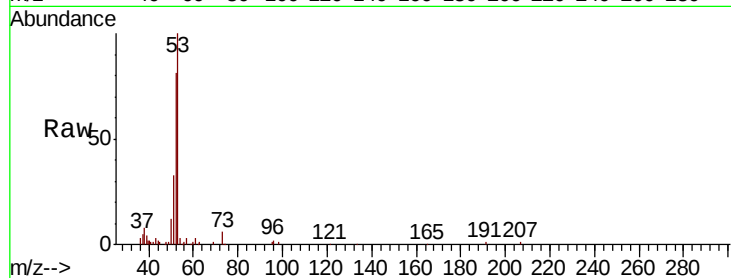




#15
 Acrylonitrile
 Concen: 100.958 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

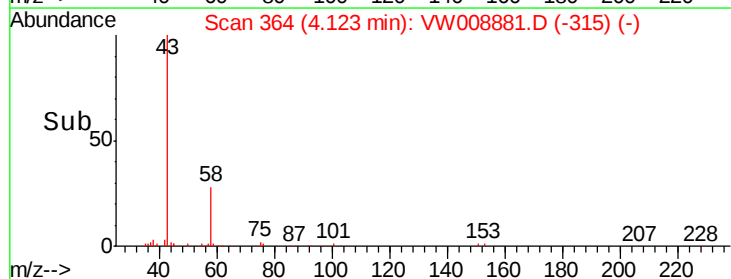
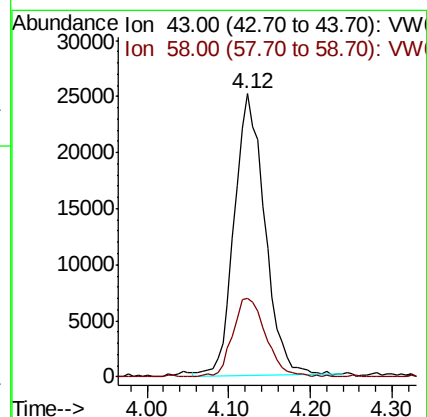
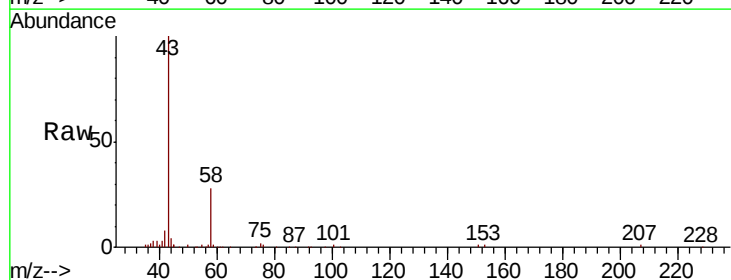
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBSD01

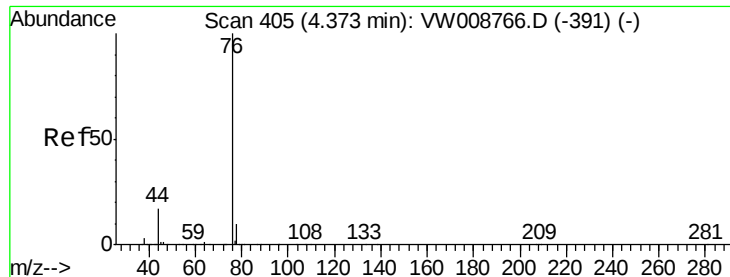
Tot Ion:	53	Resp:	67238
Ion	Ratio	Lower	Upper
53	100		
52	84.4	67.2	100.8
51	39.8	31.1	46.7



#16
 Acetone
 Concen: 99.266 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion:	43	Resp:	64793
Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.6

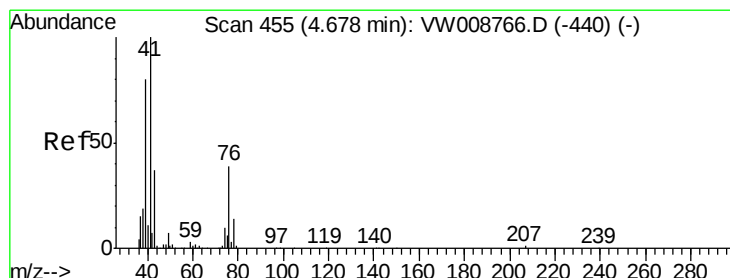
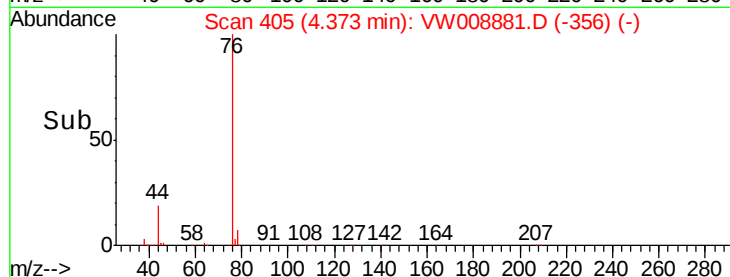
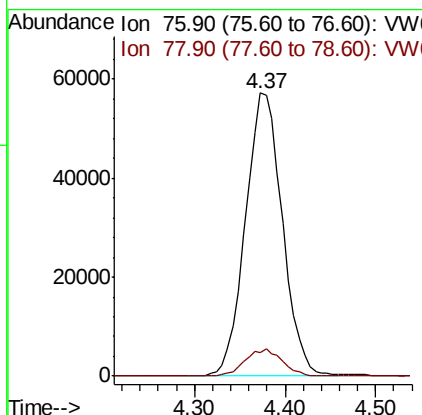
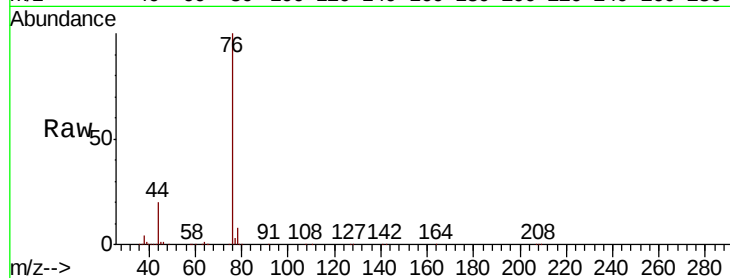




#17
Carbon Disulfide
Concen: 18.500 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

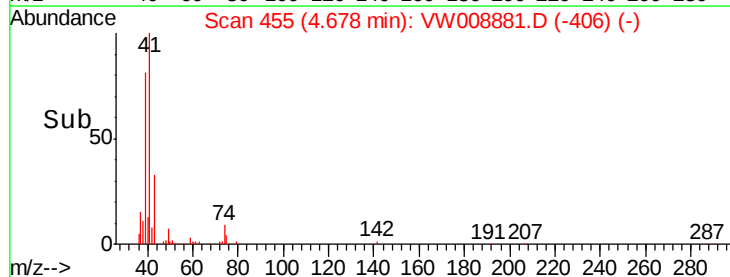
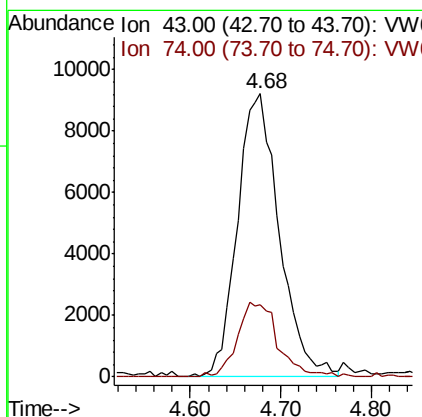
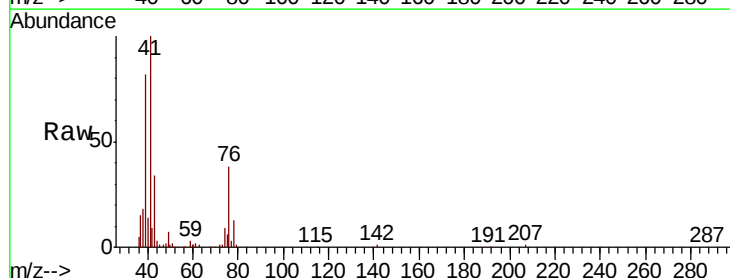
Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

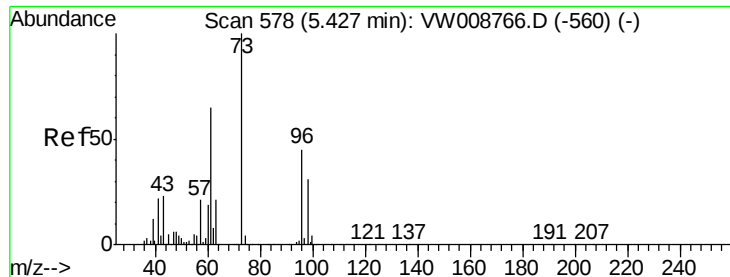
Tot Ion: 76 Resp: 161357
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8



#18
Methyl Acetate
Concen: 19.033 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 43 Resp: 29467
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.2



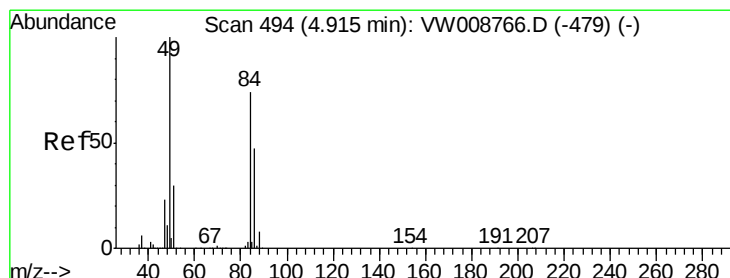
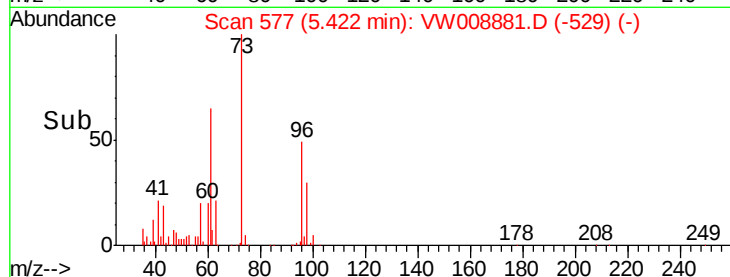
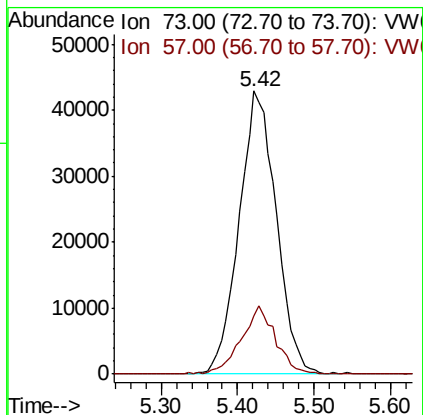
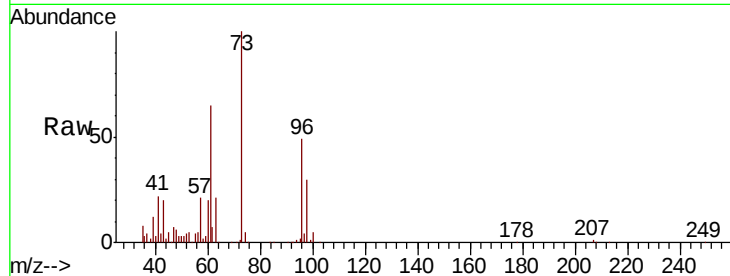


#19

Methyl tert-butyl Ether
 Concen: 20.380 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

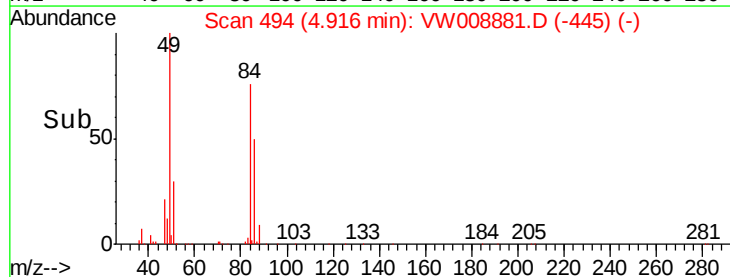
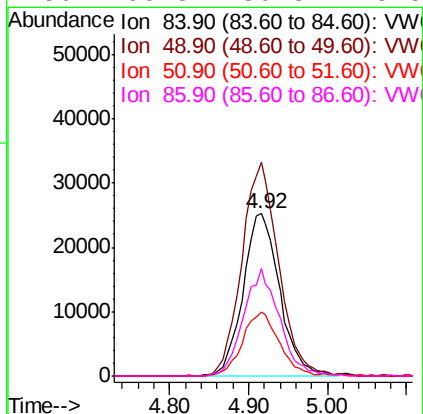
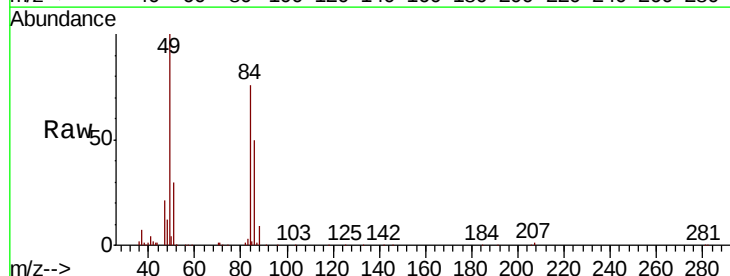
Tot Ion: 73 Resp: 145013
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.8 25.2

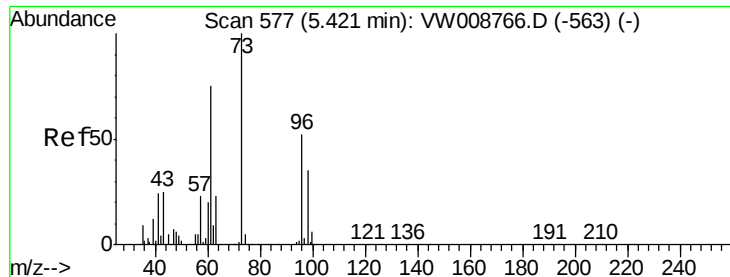


#20

Methylene Chloride
 Concen: 22.613 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion: 84 Resp: 81708
 Ion Ratio Lower Upper
 84 100
 49 131.5 108.2 162.2
 51 38.7 32.7 49.1
 86 66.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 20.547 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

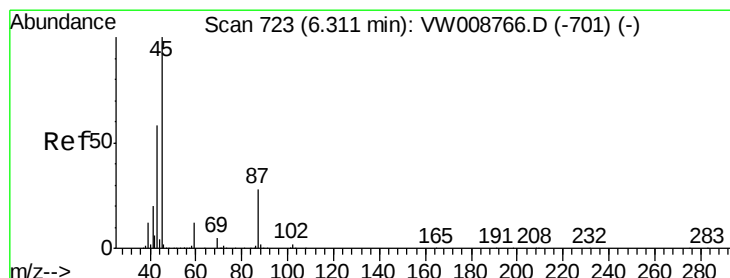
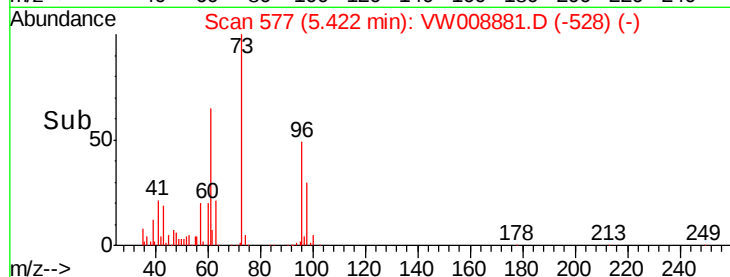
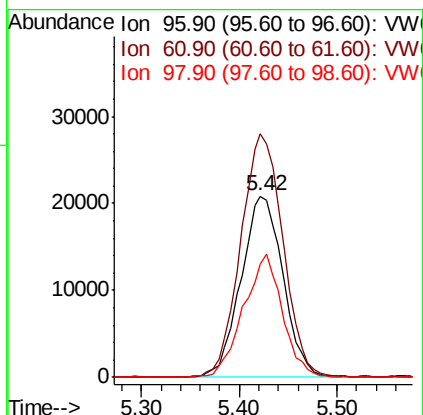
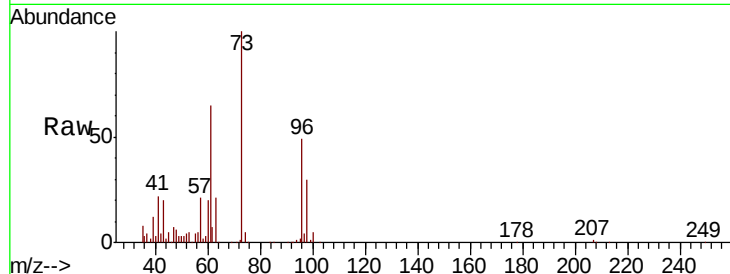
Tot Ion: 96 Resp: 62480

Ion Ratio Lower Upper

96 100

61 134.1 114.6 171.8

98 62.2 54.0 81.0



#22

Diisopropyl ether

Concen: 20.896 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Tgt Ion: 45 Resp: 189120

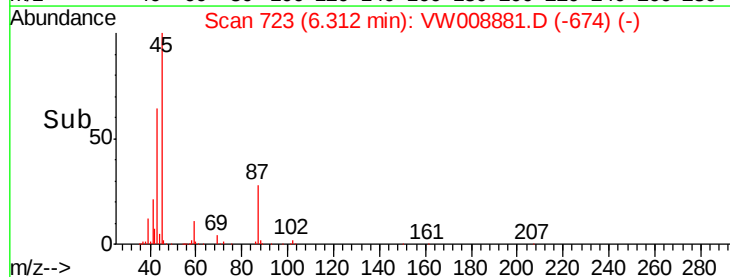
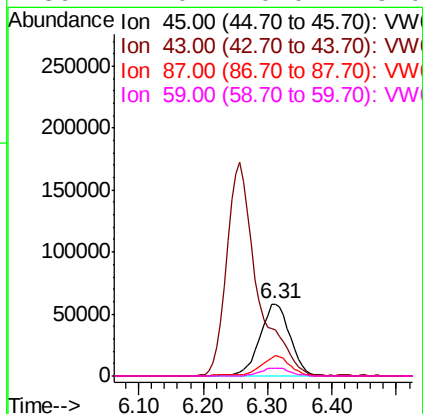
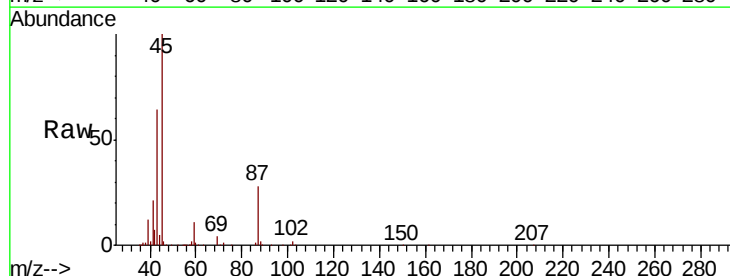
Ion Ratio Lower Upper

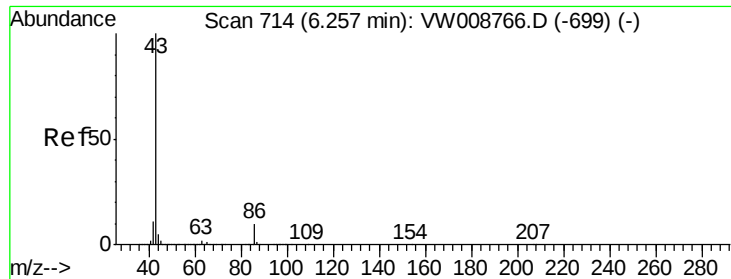
45 100

43 64.4 46.1 69.1

87 27.8 22.2 33.4

59 11.0 10.0 15.0

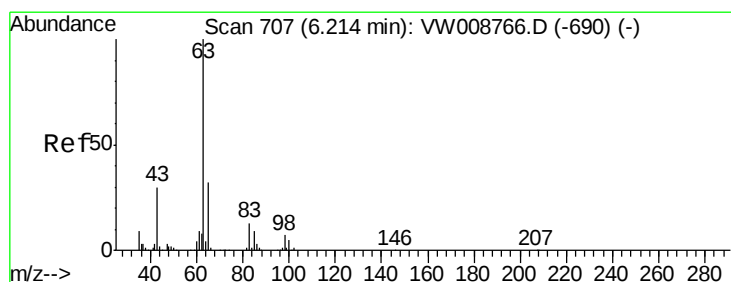
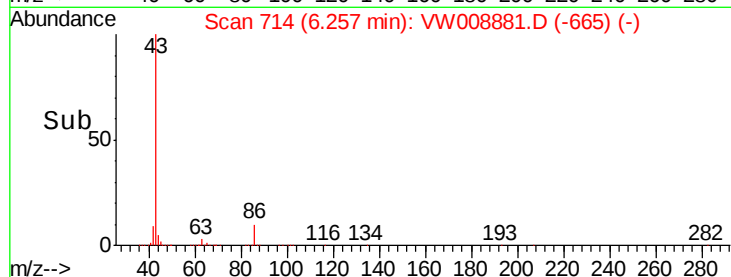
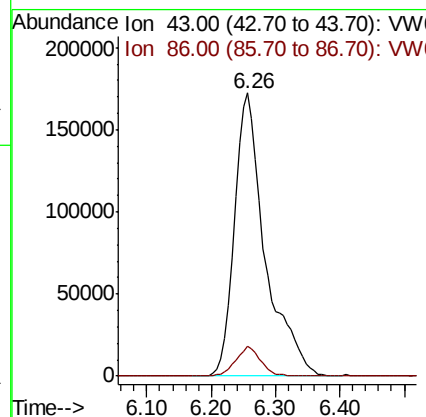
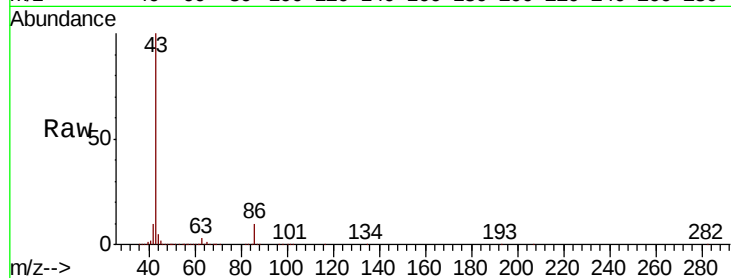




#23
 Vinyl Acetate
 Concen: 102.650 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

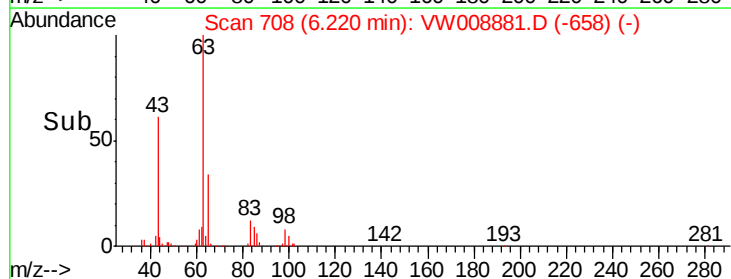
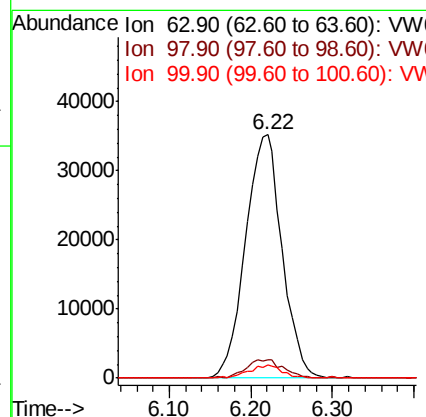
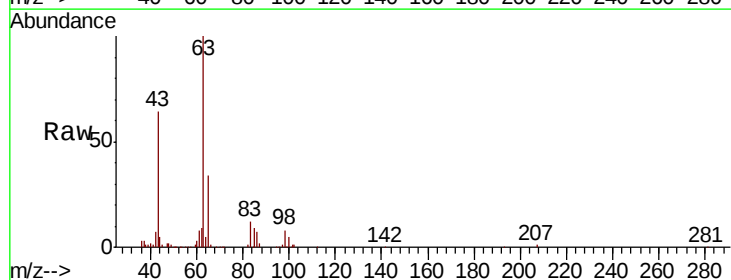
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBSD01

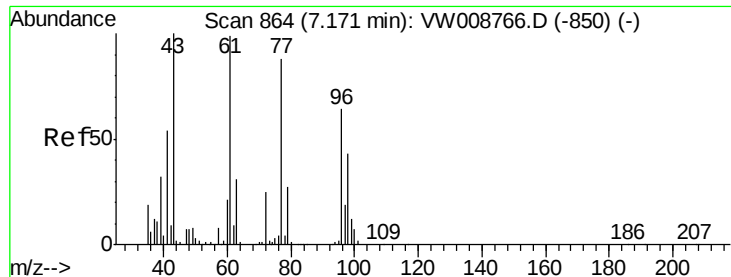
Tot Ion: 43 Resp: 574019
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.915 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion: 63 Resp: 109690
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 100.356 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

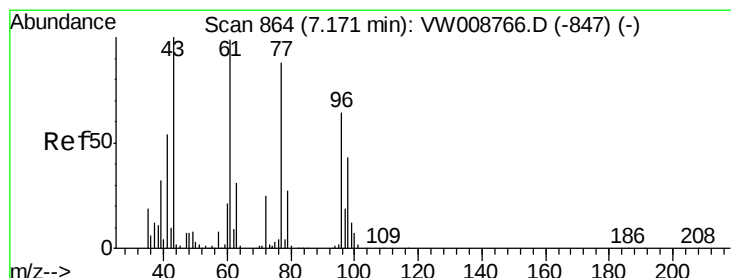
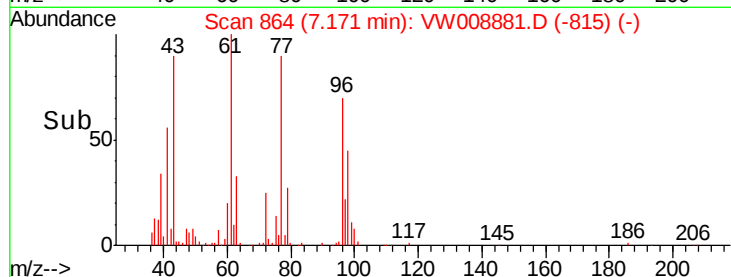
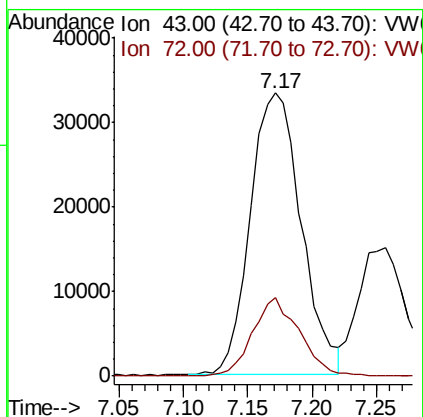
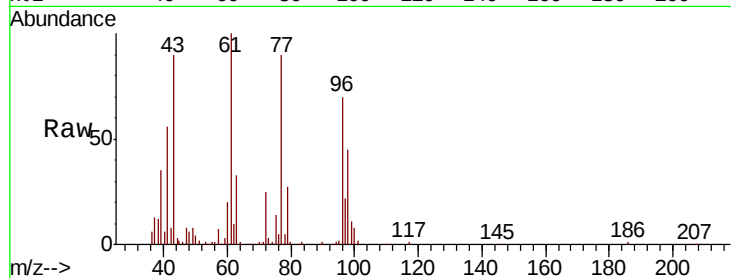
VW0228SBS01

Tot Ion: 43 Resp: 91580

Ion Ratio Lower Upper

43 100

72 27.9 19.7 29.5



#26

2,2-Dichloropropane

Concen: 20.913 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008881.D

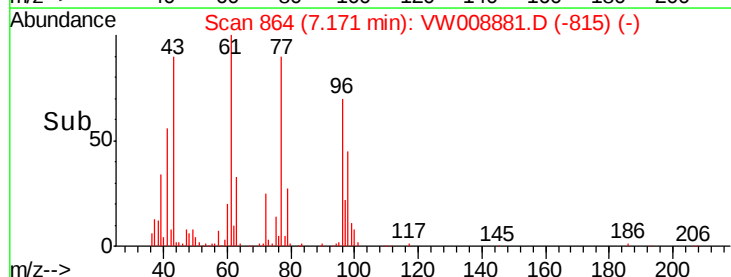
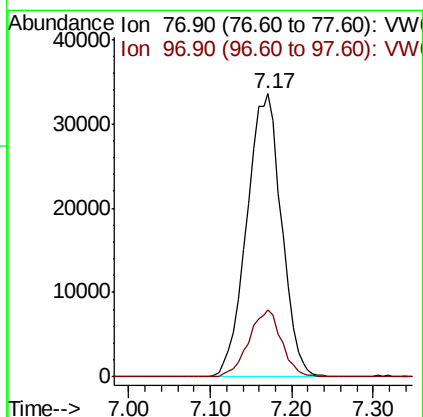
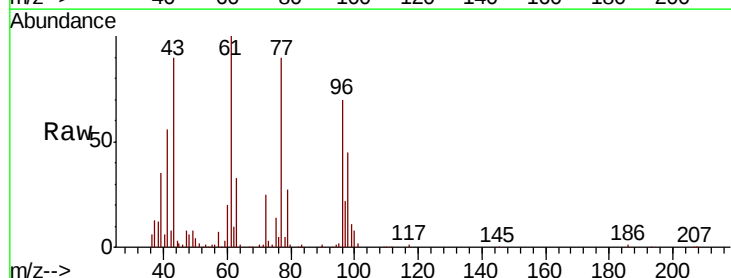
Acq: 28 Feb 2019 12:24

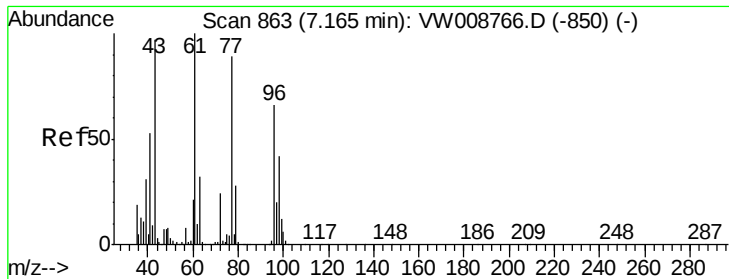
Tgt Ion: 77 Resp: 99577

Ion Ratio Lower Upper

77 100

97 22.3 11.0 33.0



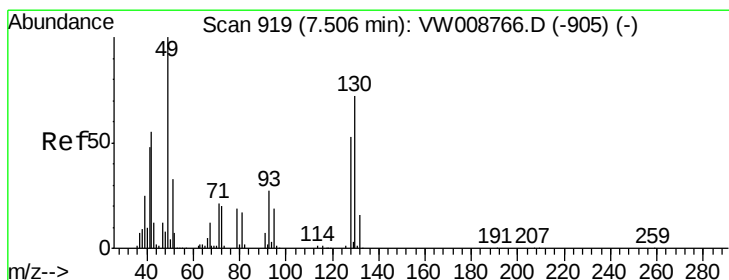
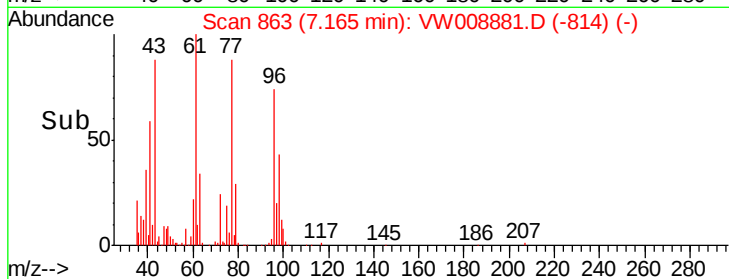
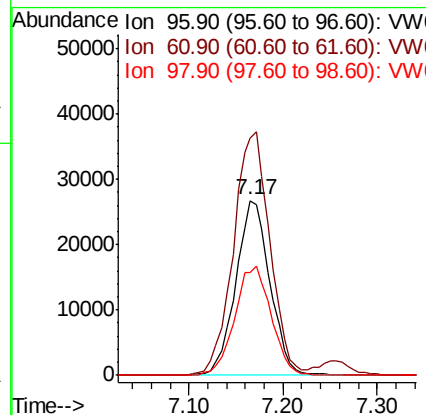
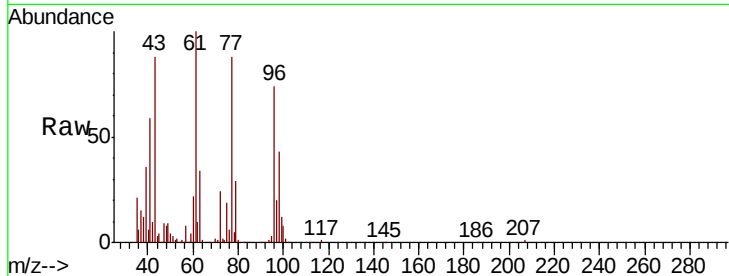


#27

cis-1,2-Dichloroethene
Concen: 20.724 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

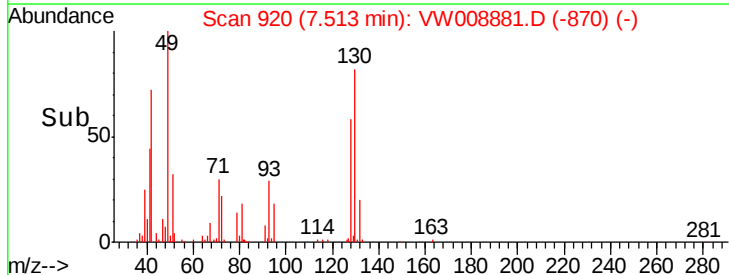
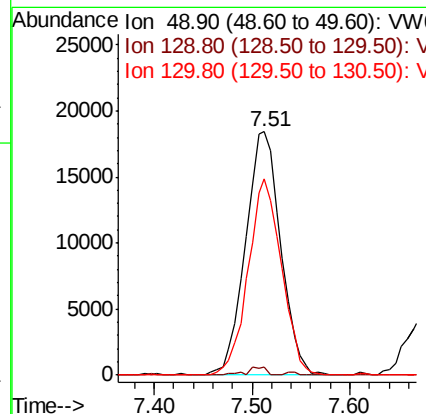
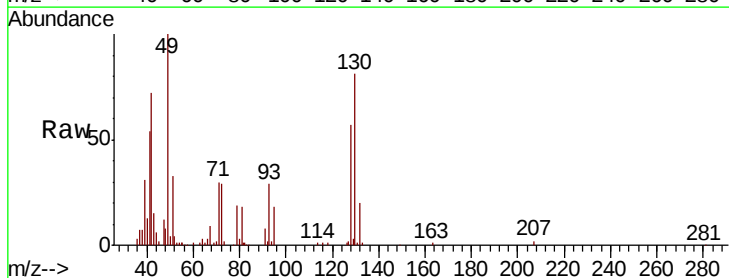
Tot Ion: 96 Resp: 67410
Ion Ratio Lower Upper
96 100
61 148.1 0.0 302.6
98 66.1 0.0 130.0

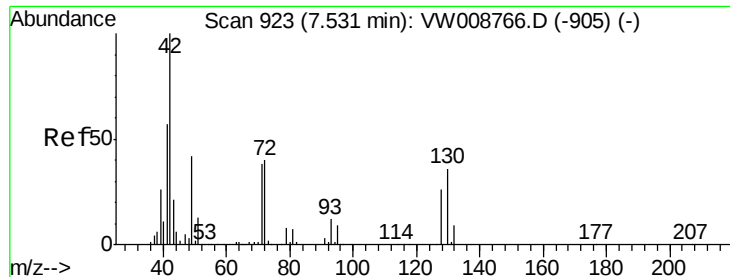


#28

Bromochloromethane
Concen: 20.922 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 49 Resp: 45917
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.6
130 76.5 61.3 91.9

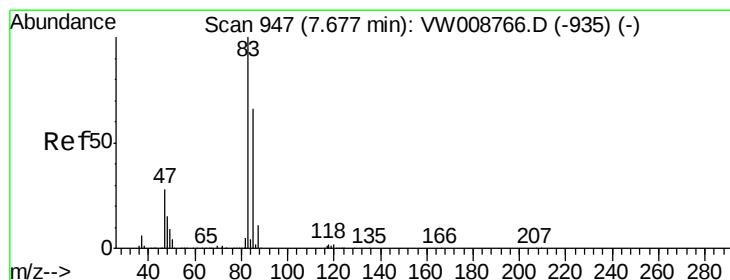
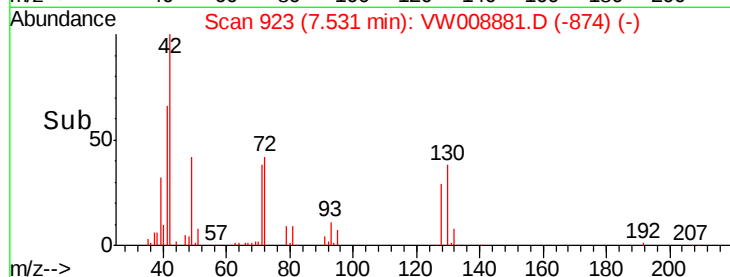
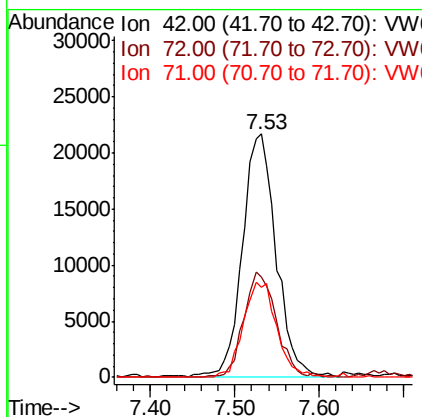
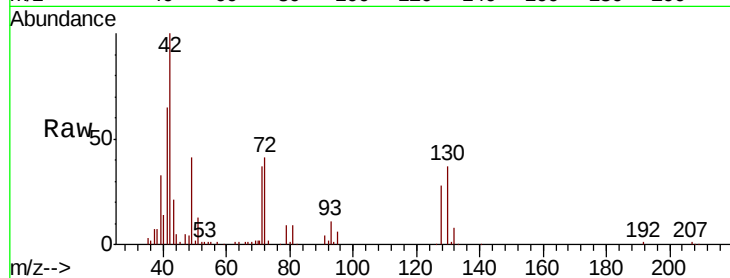




#29
Tetrahydrofuran
Concen: 99.410 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

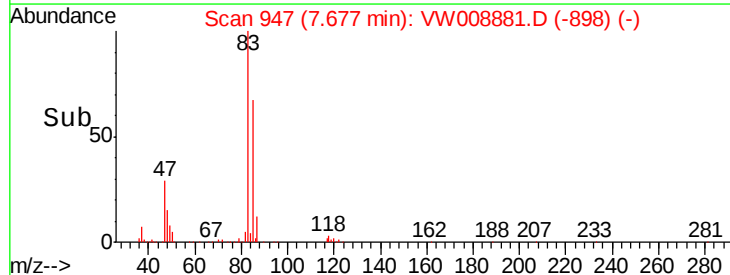
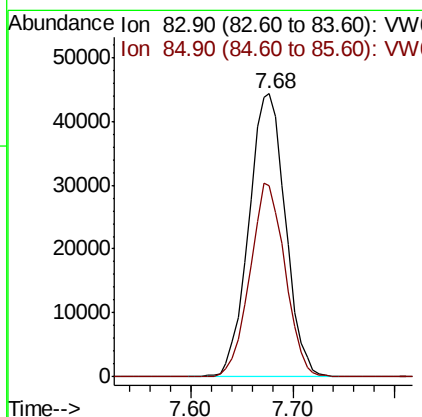
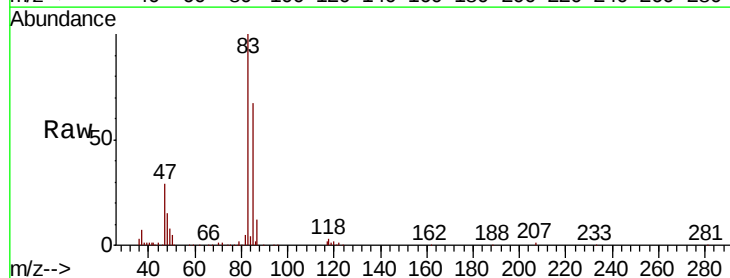
Instrument :
MSVOA_W
ClientSampleId :
VW0228SBS01

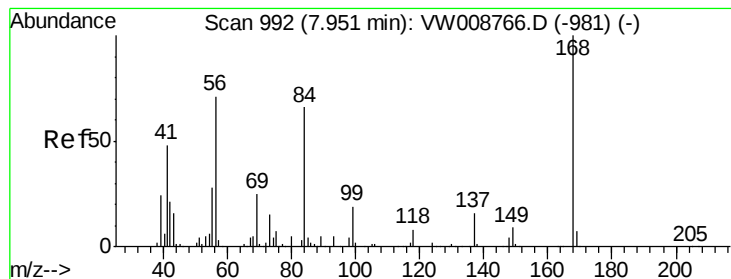
Tot Ion: 42 Resp: 57811
Ion Ratio Lower Upper
42 100
72 41.9 32.7 49.1
71 39.2 31.3 46.9



#30
Chloroform
Concen: 20.553 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 83 Resp: 110583
Ion Ratio Lower Upper
83 100
85 67.4 52.6 79.0





#31

Cyclohexane

Concen: 20.580 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

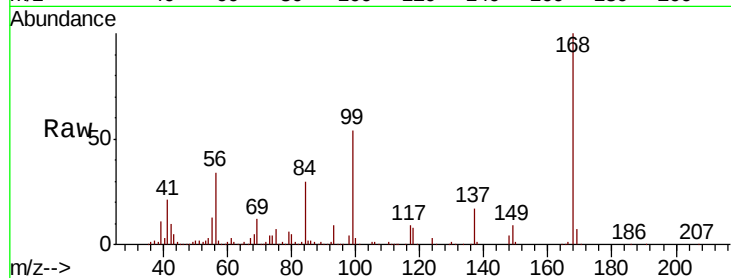
Tot Ion: 56 Resp: 109257

Ion Ratio Lower Upper

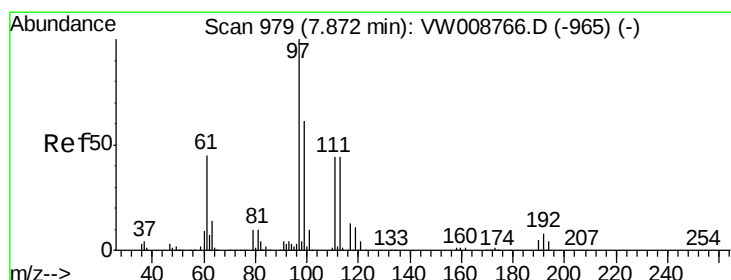
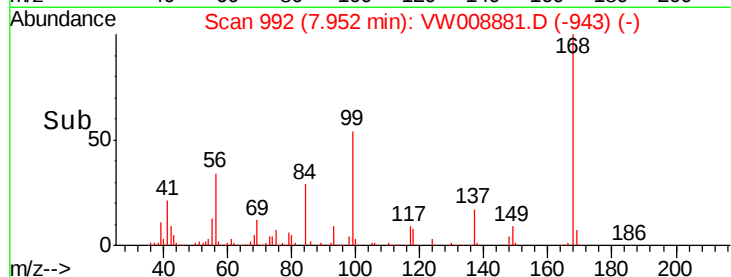
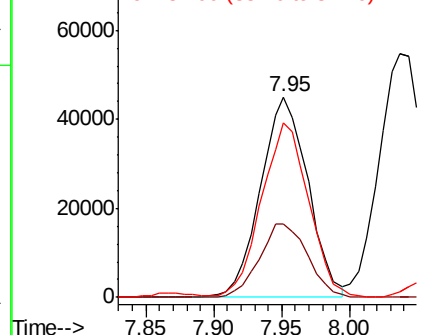
56 100

69 36.5 28.2 42.4

84 85.8 74.1 111.1



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: 20.665 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

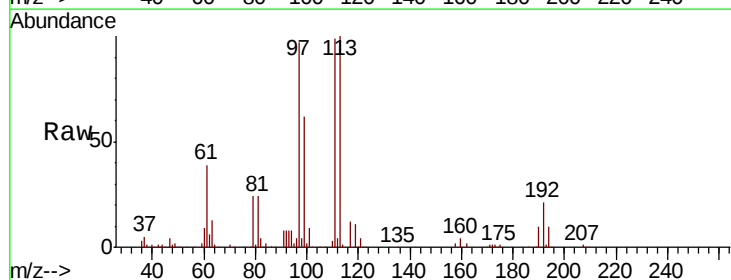
Tgt Ion: 97 Resp: 101111

Ion Ratio Lower Upper

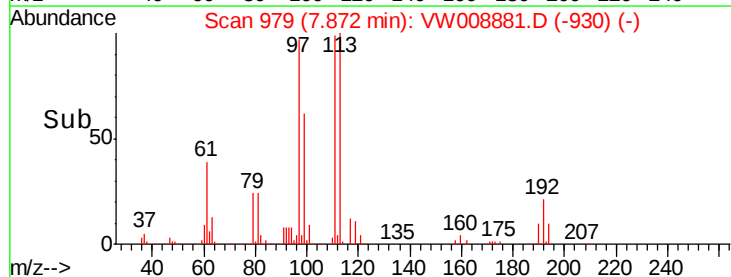
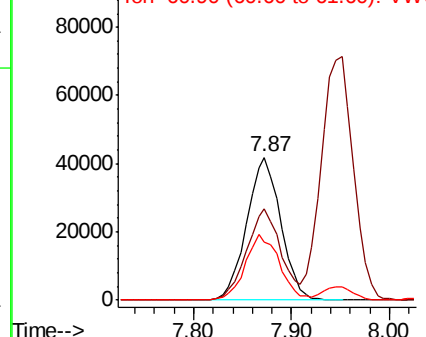
97 100

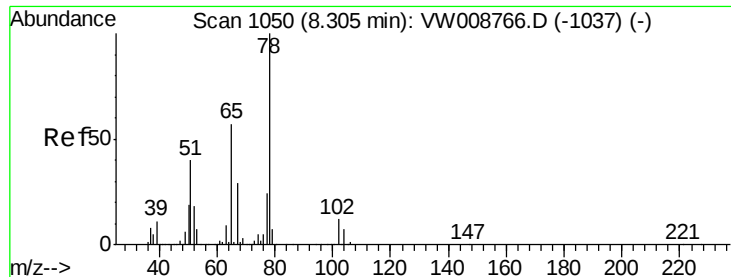
99 64.8 50.8 76.2

61 46.4 36.0 54.0



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: 50.134 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

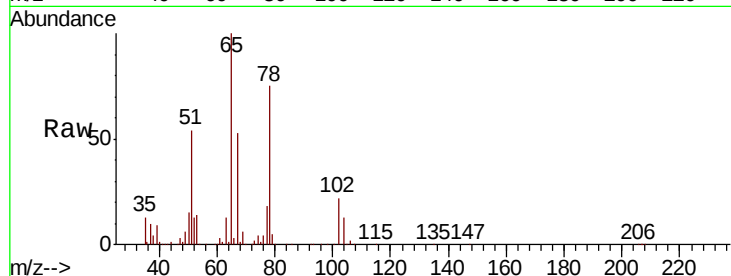
VW0228SBSD01

Tot Ion: 65 Resp: 141177

Ion Ratio Lower Upper

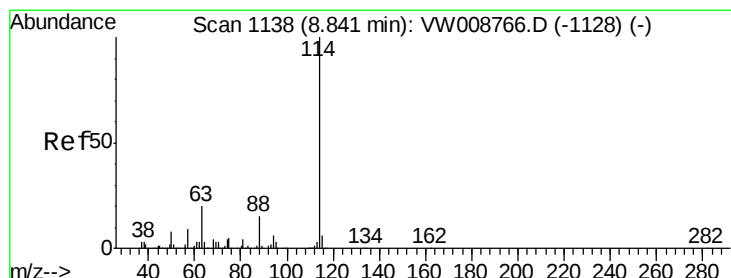
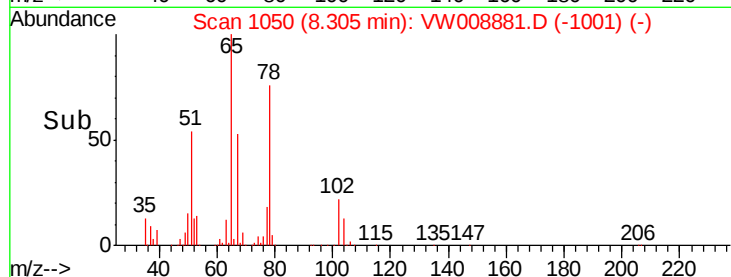
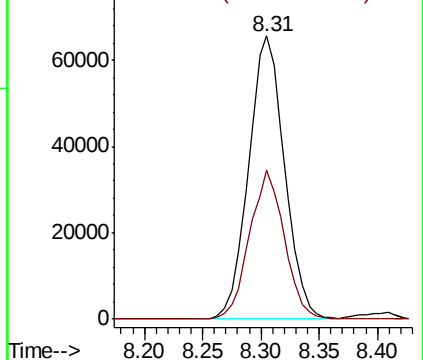
65 100

67 51.2 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

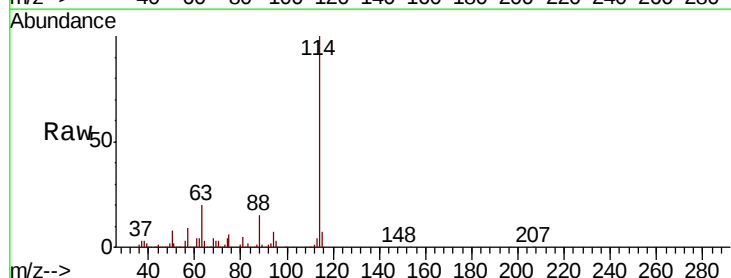
Tgt Ion: 114 Resp: 422881

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

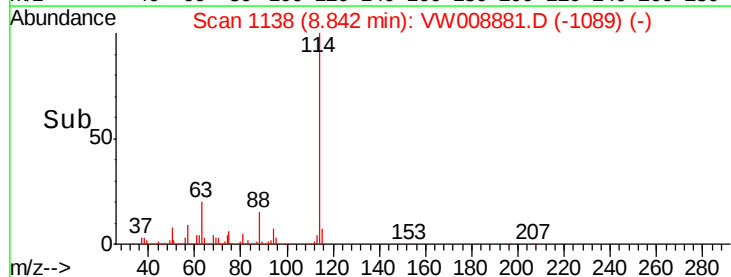
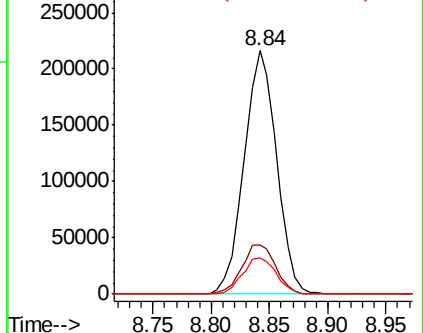
88 15.0 0.0 30.4

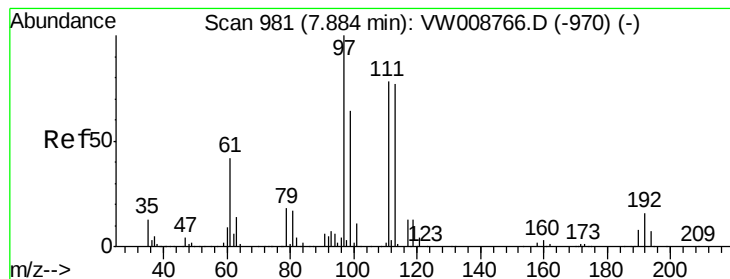


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.738 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBSD01

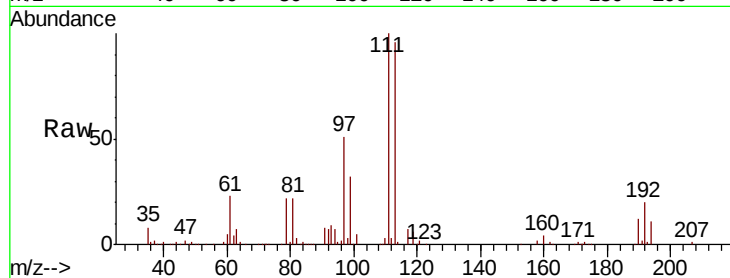
Tot Ion:113 Resp: 131365

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

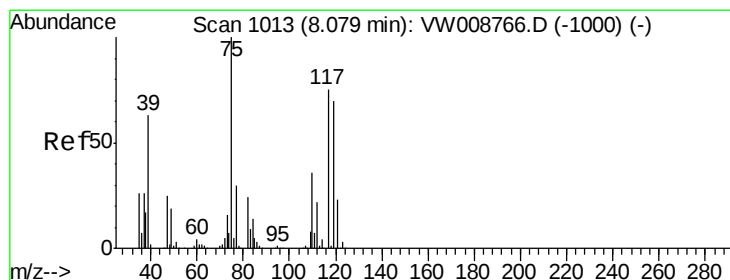
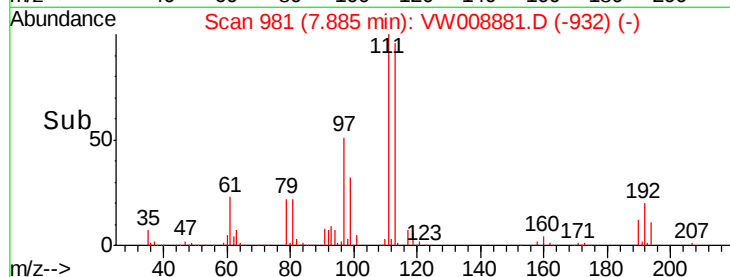
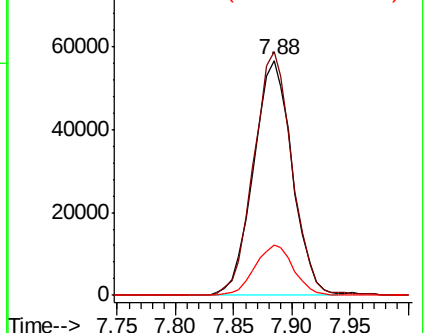
192 21.4 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.548 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

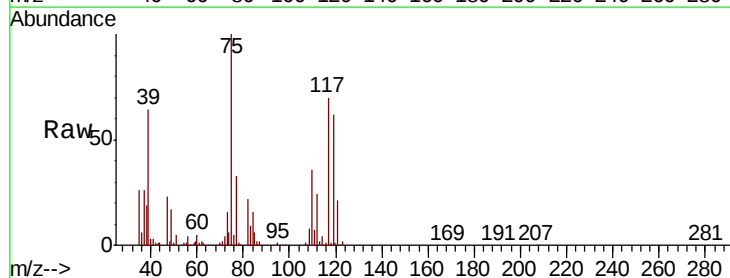
Tgt Ion: 75 Resp: 88702

Ion Ratio Lower Upper

75 100

110 35.7 17.5 52.6

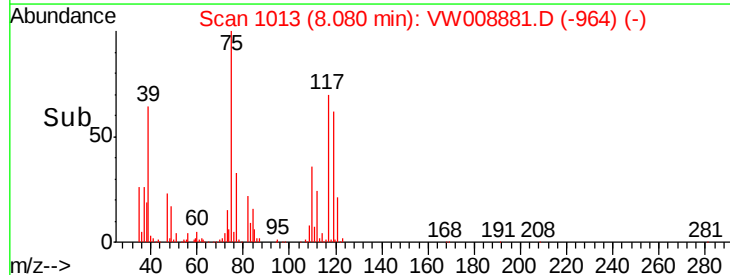
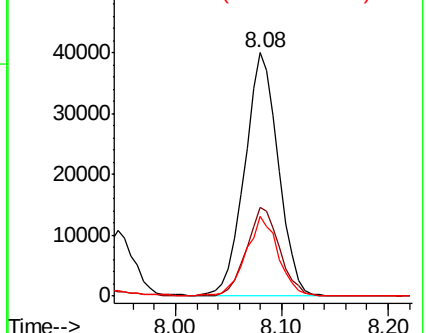
77 31.7 24.5 36.7

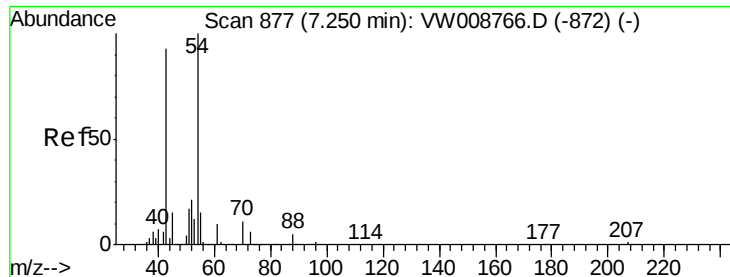


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

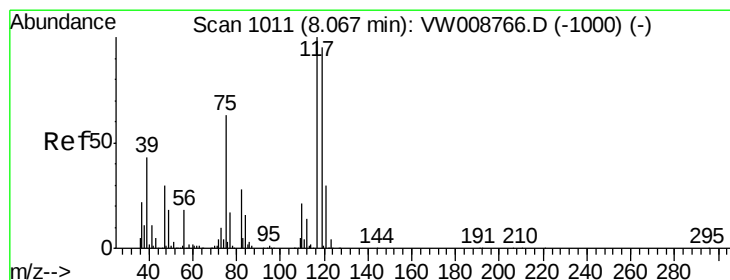
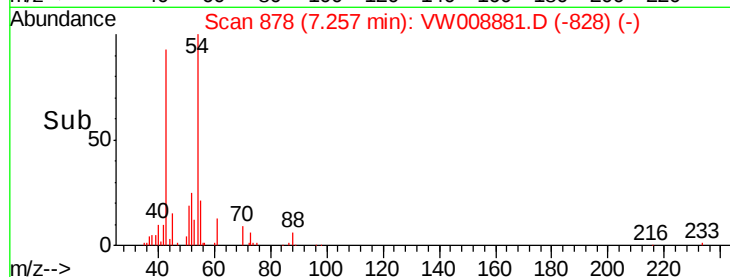
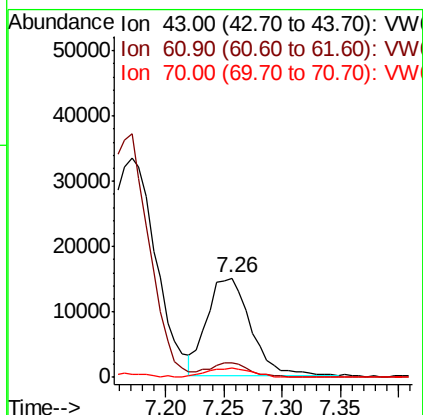
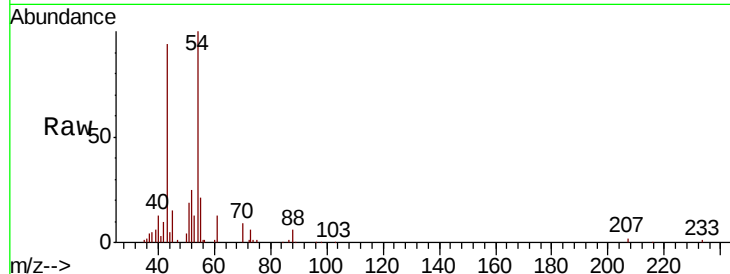




#37
Ethyl Acetate
Concen: 20.401 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

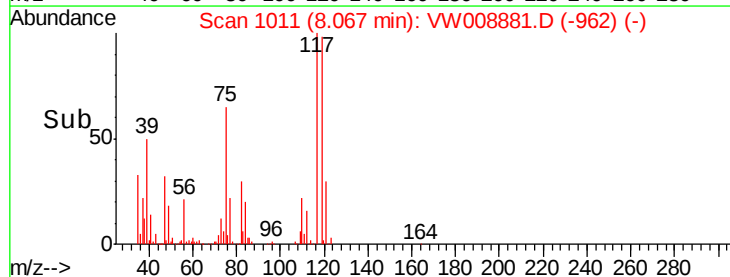
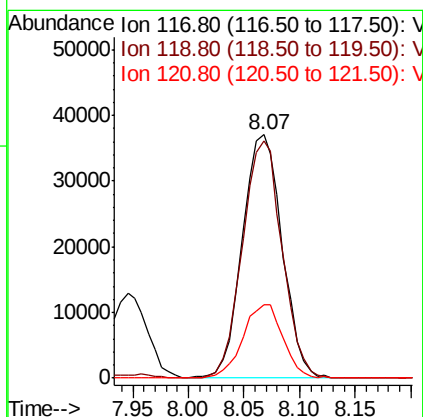
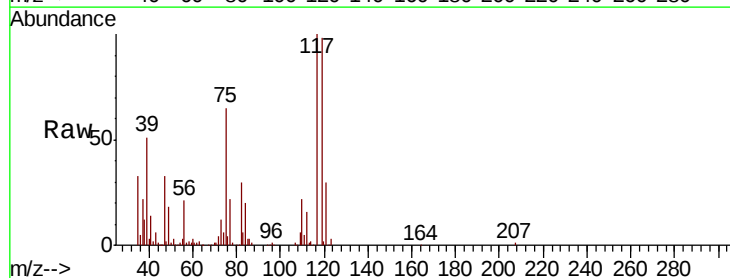
Instrument :
MSVOA_W
ClientSampleID :
VW0228SBS01

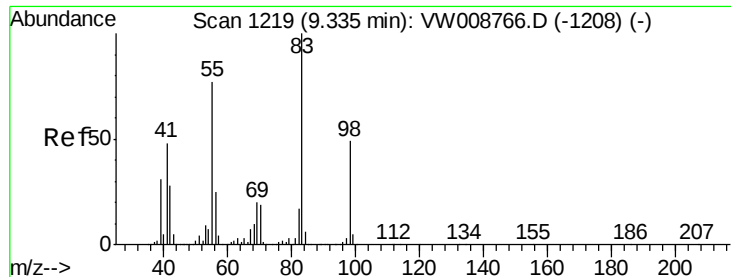
Tot Ion: 43 Resp: 39053
Ion Ratio Lower Upper
43 100
61 14.0 9.8 14.8
70 9.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 21.223 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 117 Resp: 92134
Ion Ratio Lower Upper
117 100
119 97.6 76.1 114.1
121 30.1 24.0 36.0

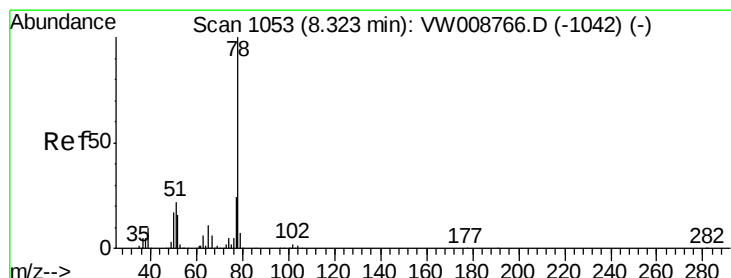
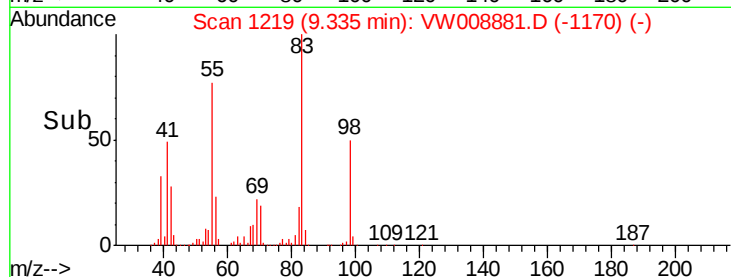
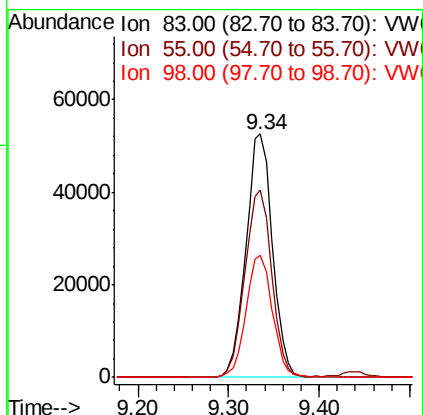
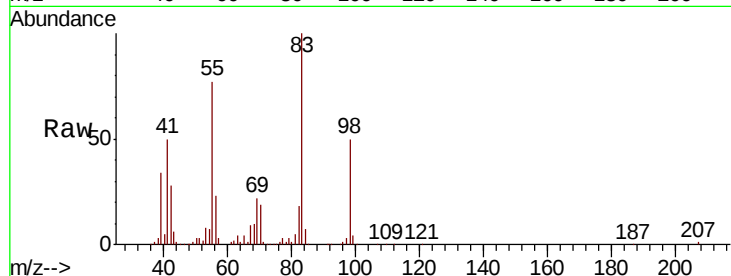




#39
Methvlcvclohexane
Concen: 20.733 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

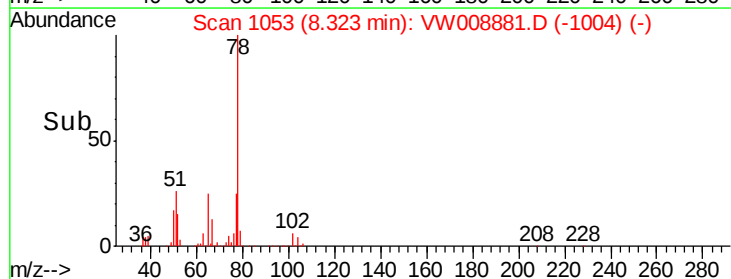
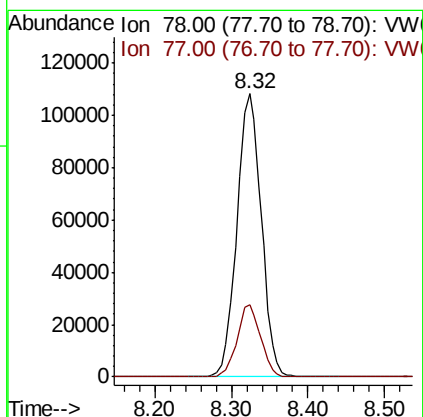
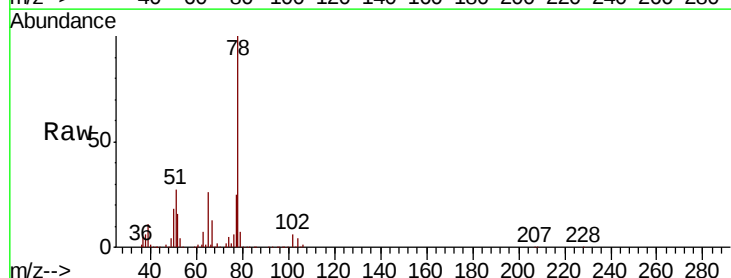
Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

Tot Ion: 83 Resp: 106453
Ion Ratio Lower Upper
83 100
55 76.8 61.2 91.8
98 50.2 39.4 59.2



#40
Benzene
Concen: 21.203 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 78 Resp: 238302
Ion Ratio Lower Upper
78 100
77 25.4 19.3 28.9

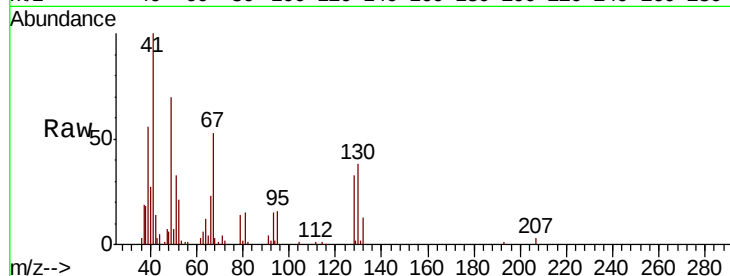




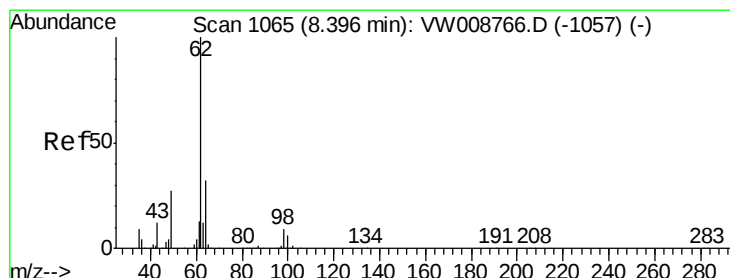
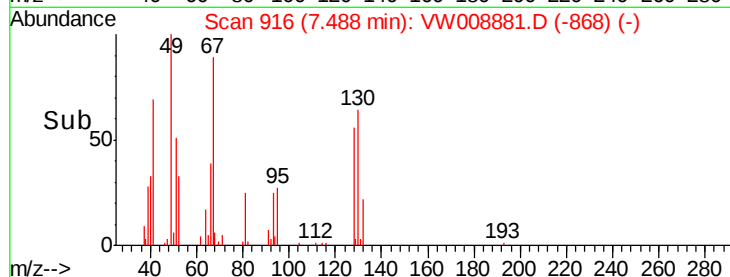
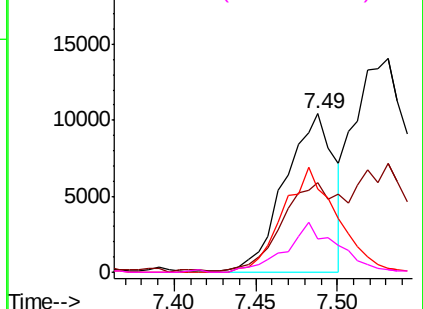
#41
Methacrylonitrile
Concen: 19.673 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

Tot Ion:	41	Resp:	22136
Ion	Ratio	Lower	Upper
41	100		
39	67.6	52.5	78.7
67	73.0	55.0	82.6
52	32.3	26.9	40.3

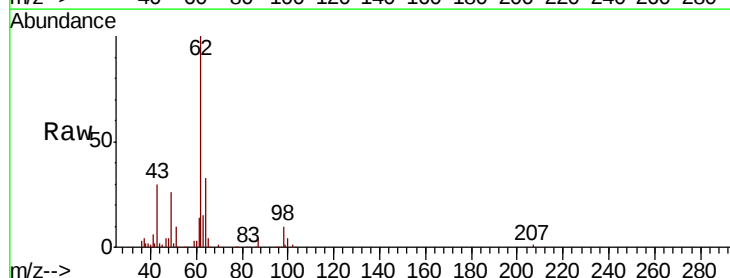


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

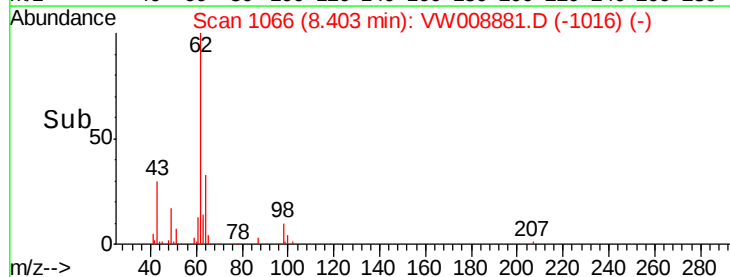
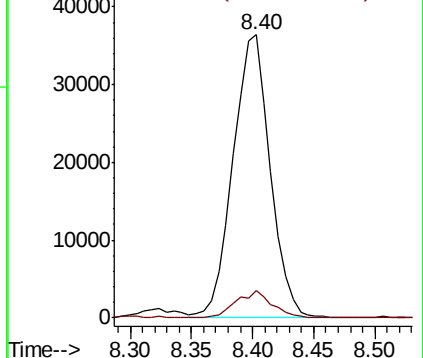


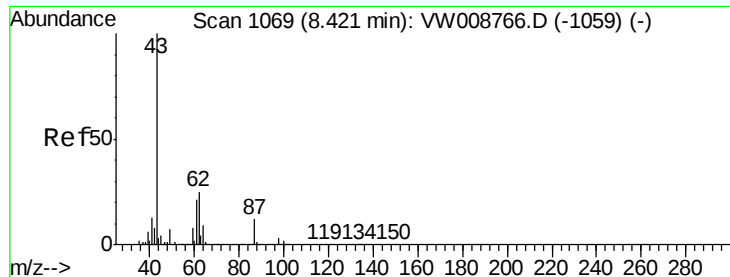
#42
1,2-Dichloroethane
Concen: 21.478 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion:	62	Resp:	76470
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2



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



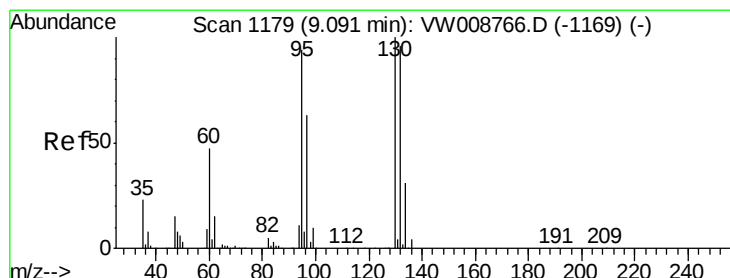
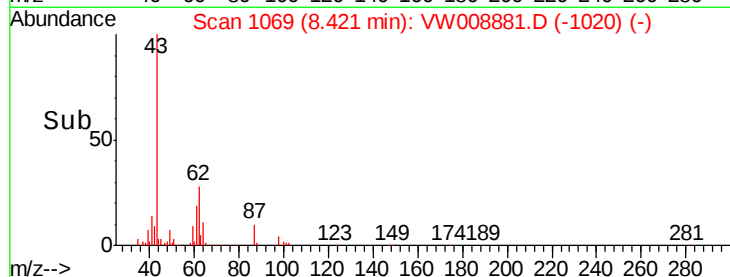
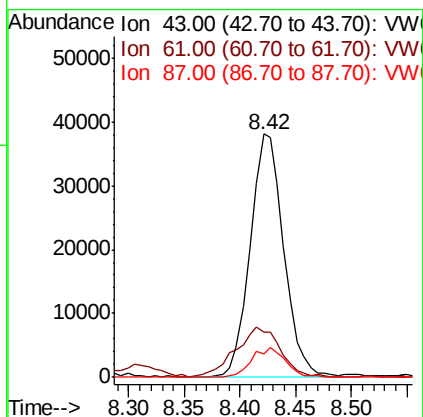
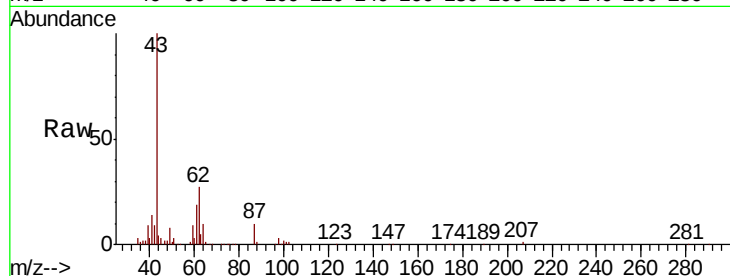


#43

Isopropyl Acetate
 Concen: 20.963 ug/l
 RT: 8.42 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

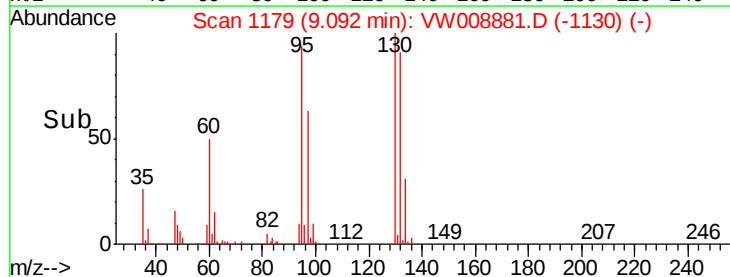
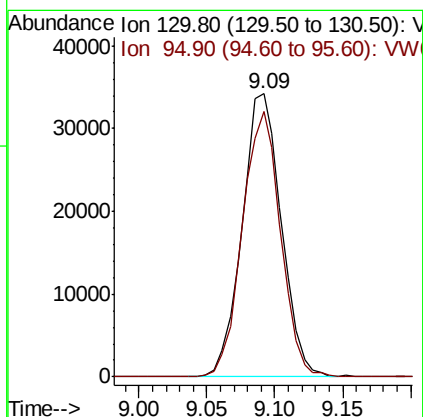
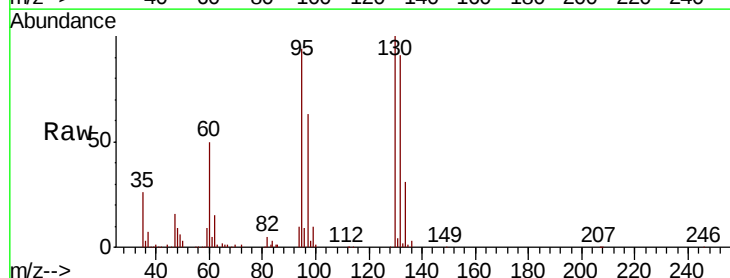
Tot Ion	43	Resp	80090
Ion Ratio	Lower	Upper	
43	100		
61	28.0	23.2	34.8
87	12.6	9.9	14.9

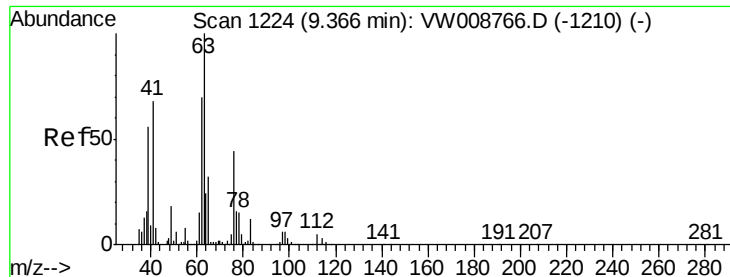


#44

Trichloroethene
 Concen: 21.791 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion	130	Resp	68994
Ion Ratio	Lower	Upper	
130	100		
95	93.8	0.0	188.6





#45

1,2-Dichloropropane

Concen: 21.743 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

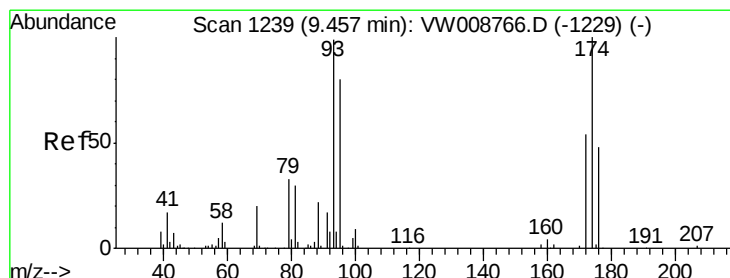
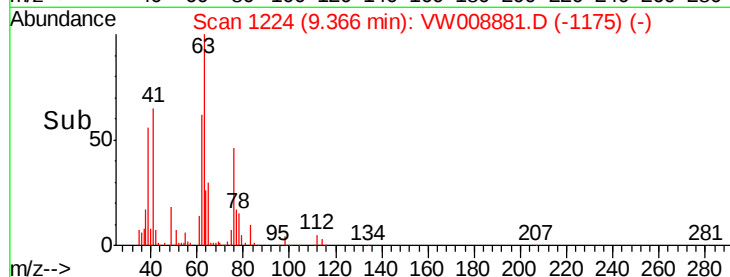
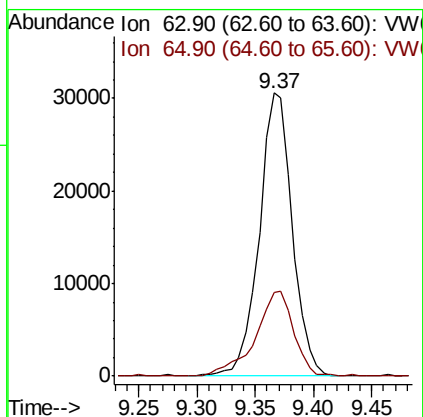
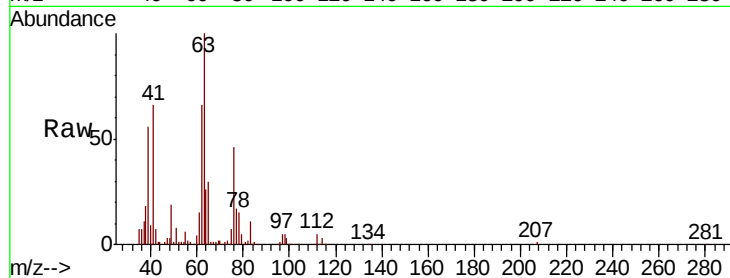
VW0228SBSD01

Tot Ion: 63 Resp: 60390

Ion Ratio Lower Upper

63 100

65 29.8 25.5 38.3



#46

Dibromomethane

Concen: 20.717 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

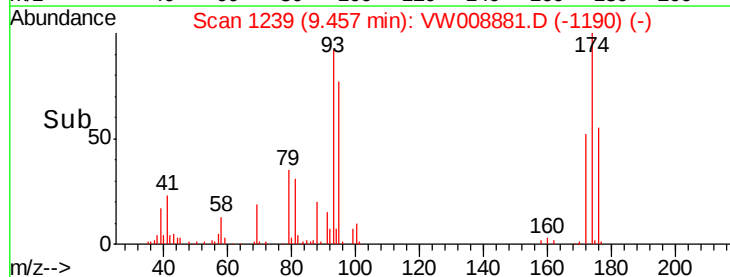
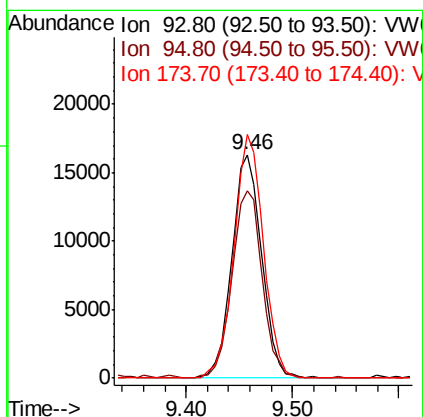
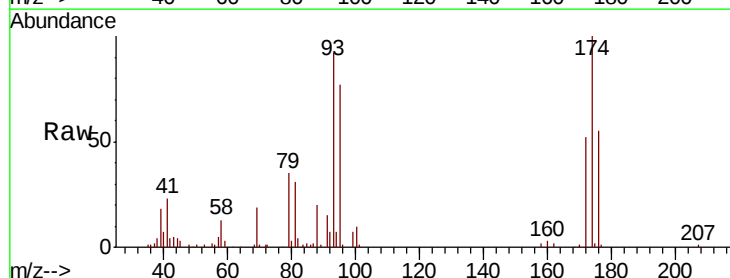
Tgt Ion: 93 Resp: 32005

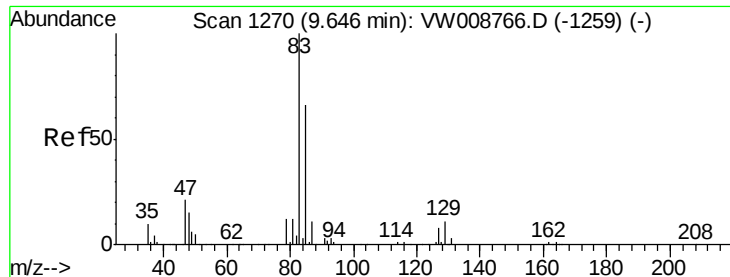
Ion Ratio Lower Upper

93 100

95 85.3 67.7 101.5

174 107.7 86.7 130.1





#47

Bromodichloromethane

Concen: 21.431 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBSD01

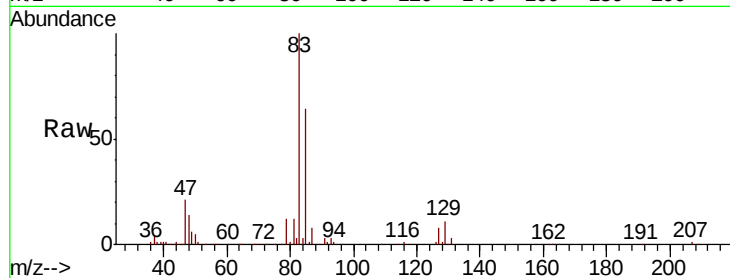
Tot Ion: 83 Resp: 80555

Ion Ratio Lower Upper

83 100

85 64.2 52.5 78.7

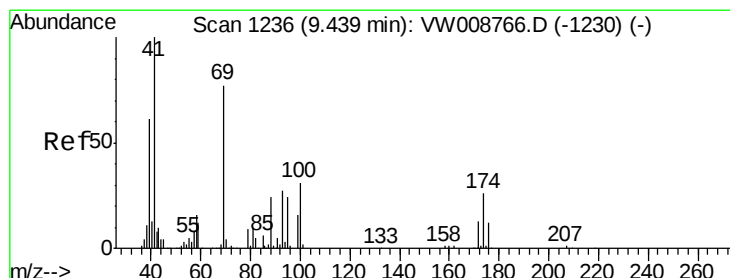
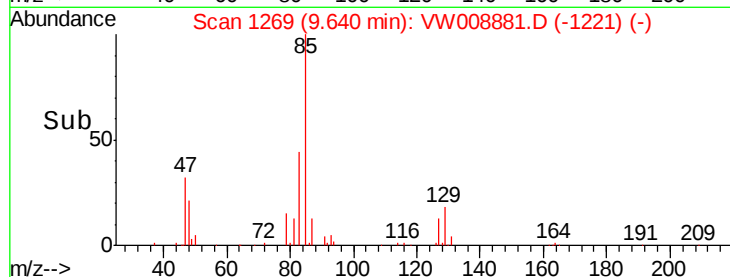
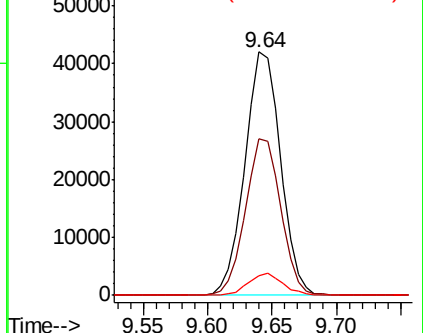
127 8.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 18.953 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

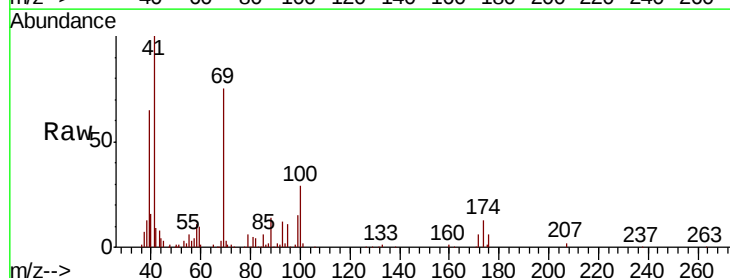
Tgt Ion: 41 Resp: 34680

Ion Ratio Lower Upper

41 100

69 85.6 63.6 95.4

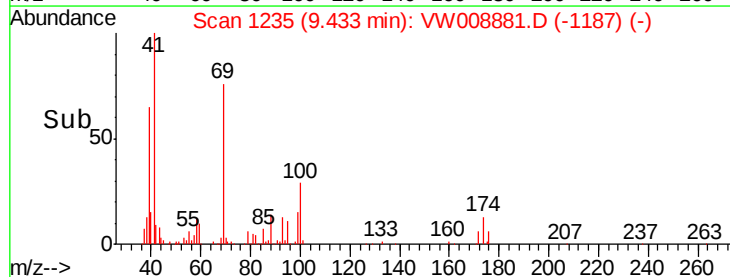
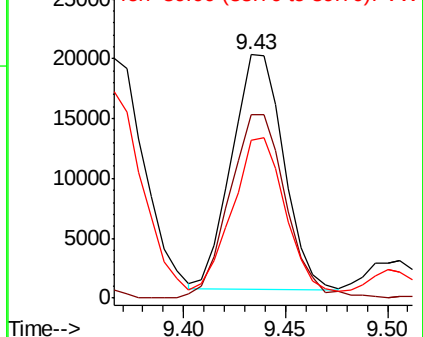
39 65.8 52.1 78.1

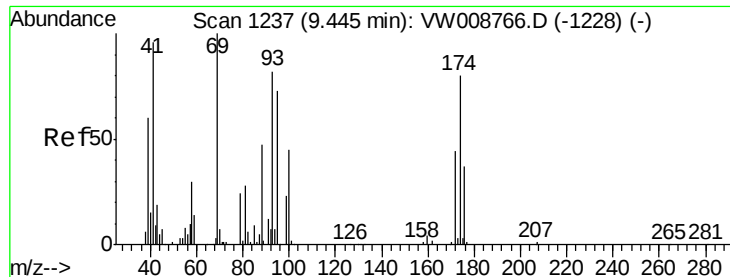


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

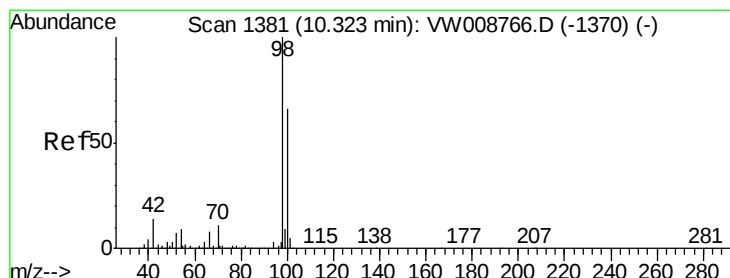
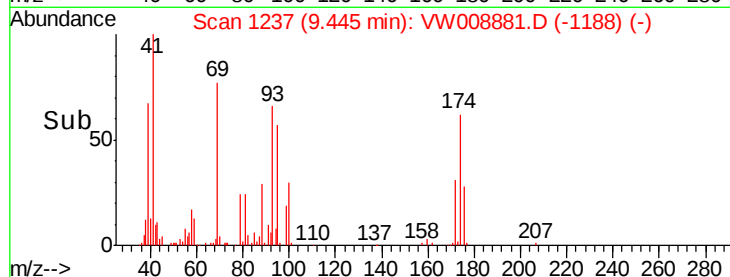
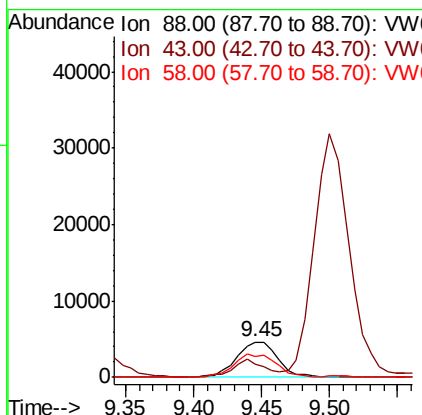
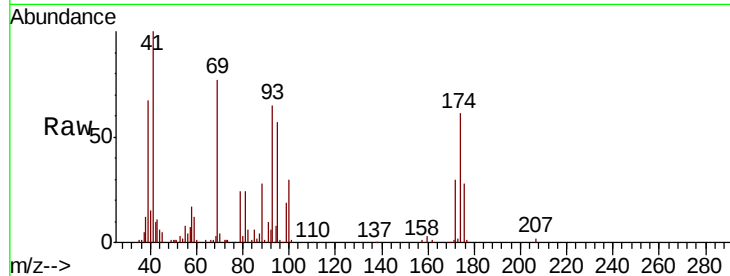




#49
1,4-Dioxane
Concen: 397.859 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

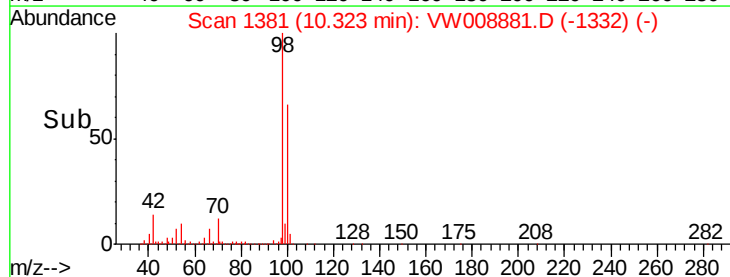
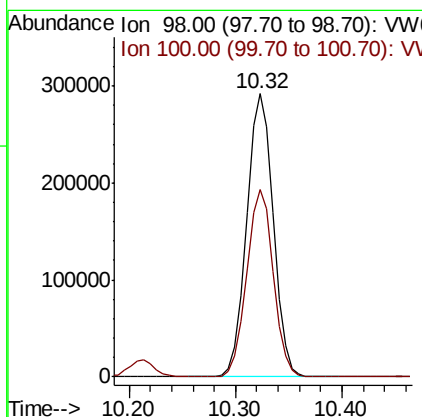
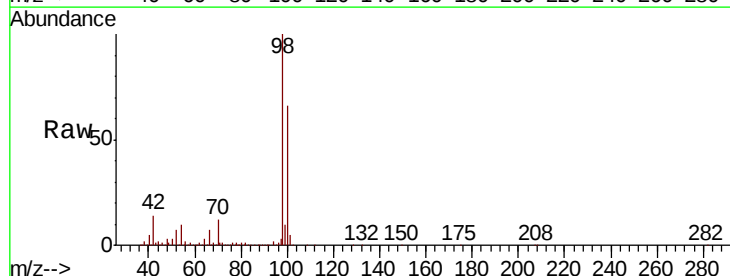
Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

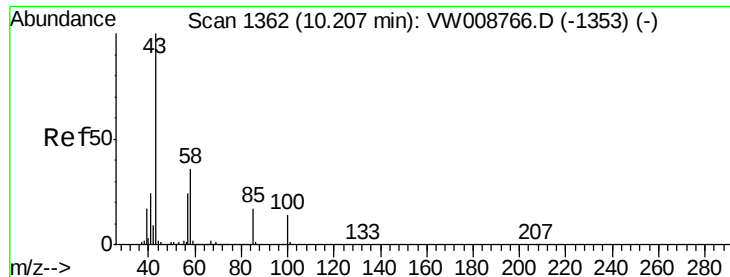
Tot Ion: 88 Resp: 9843
Ion Ratio Lower Upper
88 100
43 37.0 29.0 43.4
58 68.7 52.0 78.0



#50
Toluene-d8
Concen: 52.172 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 98 Resp: 511360
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 101.670 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

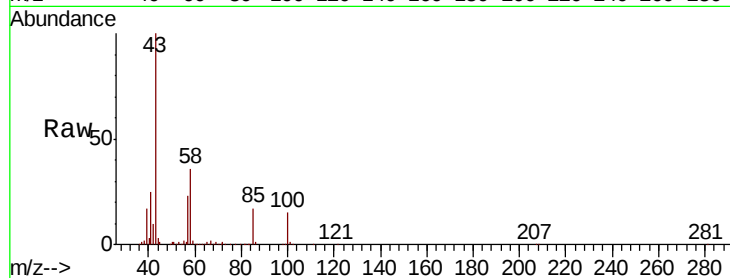
VW0228SBSD01

Tot Ion: 43 Resp: 197205

Ion Ratio Lower Upper

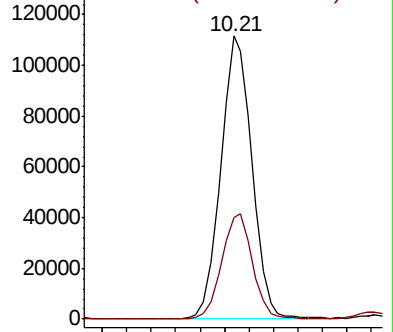
43 100

58 36.9 29.1 43.7

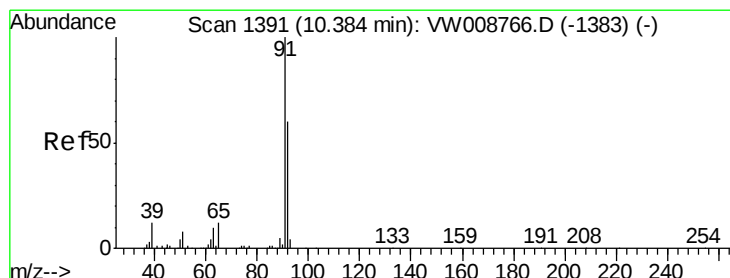
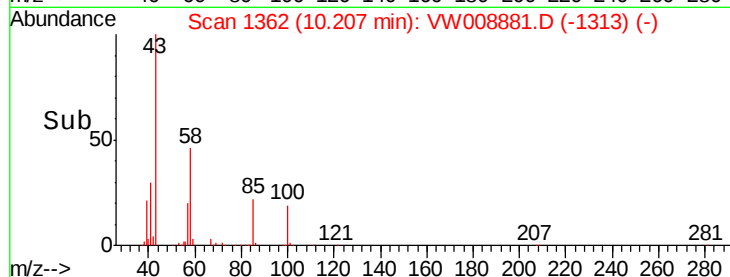


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#52

Toluene

Concen: 21.477 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008881.D

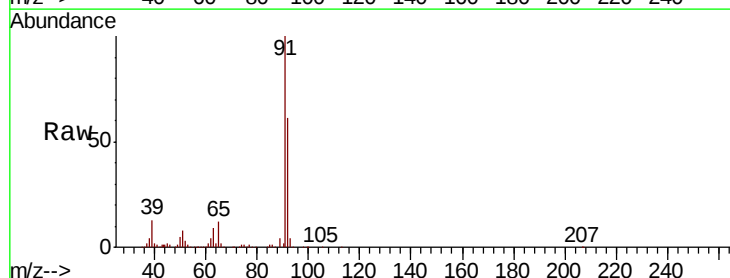
Acq: 28 Feb 2019 12:24

Tgt Ion: 92 Resp: 163823

Ion Ratio Lower Upper

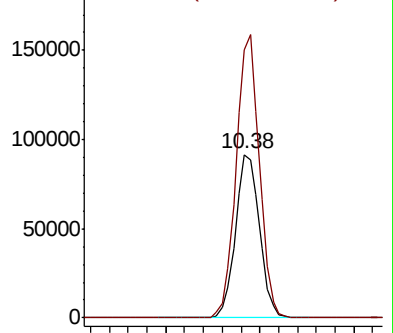
92 100

91 168.1 136.9 205.3

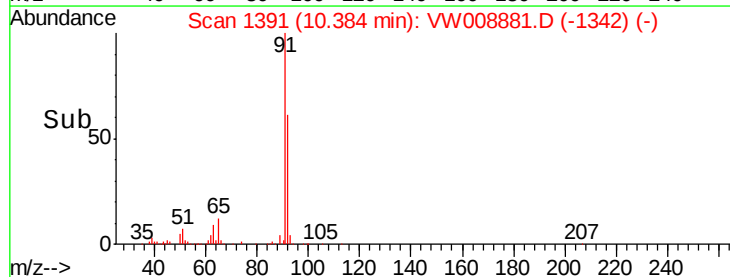


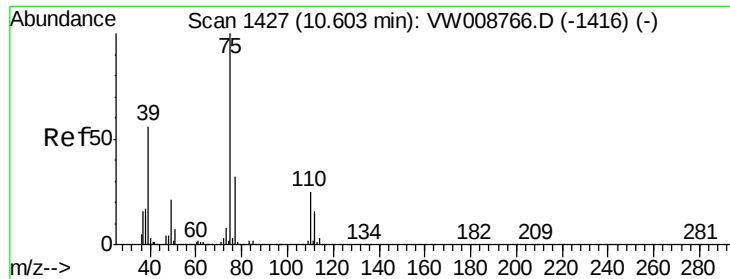
Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->





#53

t-1,3-Dichloropropene

Concen: 20.568 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

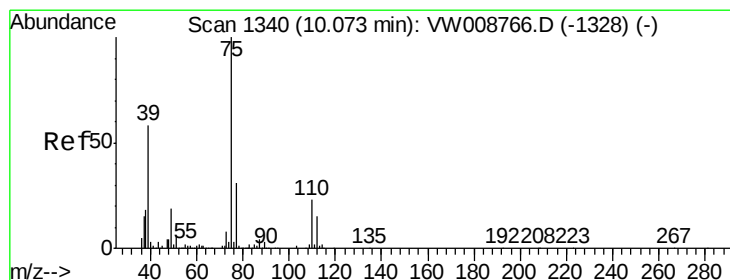
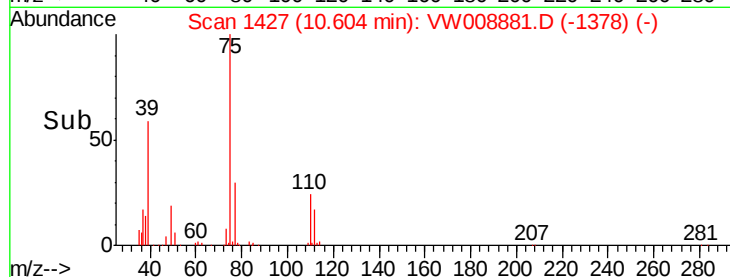
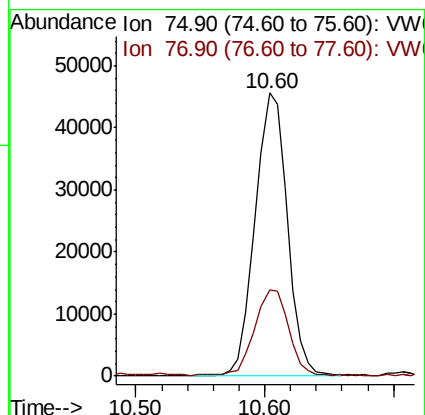
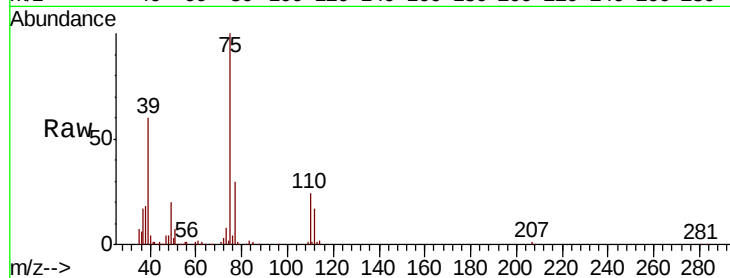
VW0228SBSD01

Tot Ion: 75 Resp: 78797

Ion Ratio Lower Upper

75 100

77 30.0 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 21.700 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

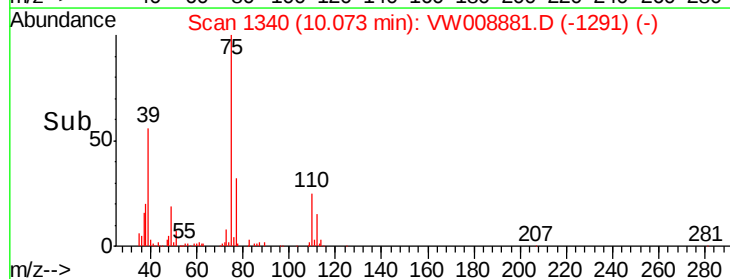
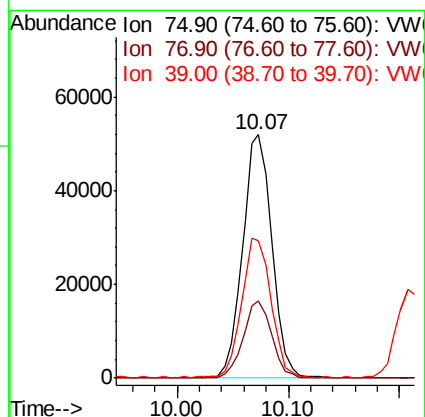
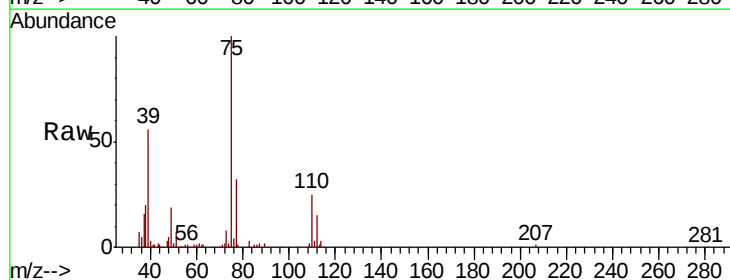
Tgt Ion: 75 Resp: 94819

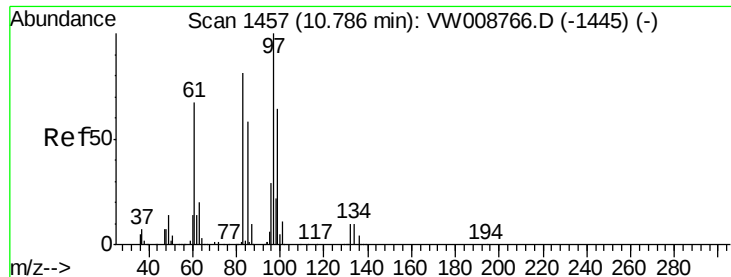
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 56.1 46.6 70.0

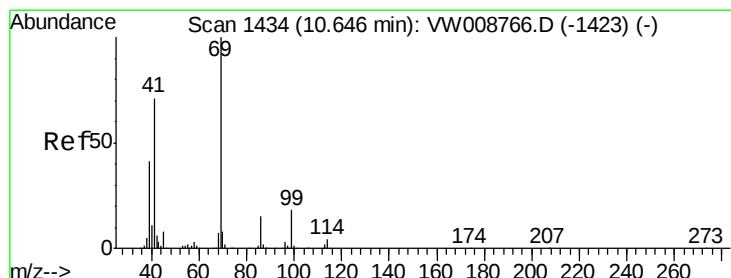
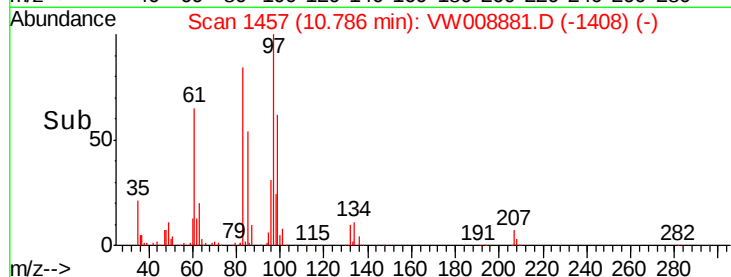
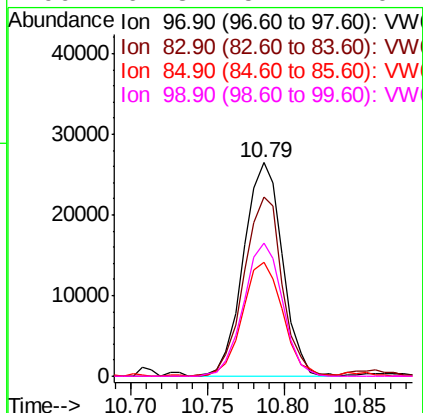
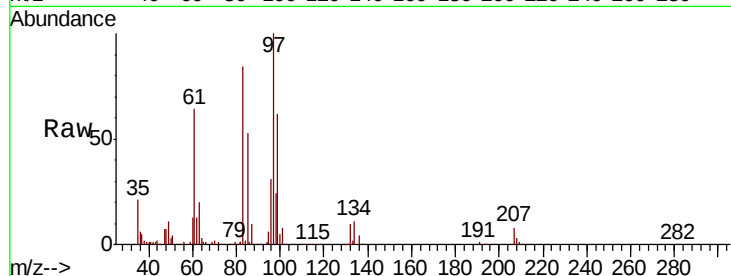




#55
 1,1,2-Trichloroethane
 Concen: 22.340 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

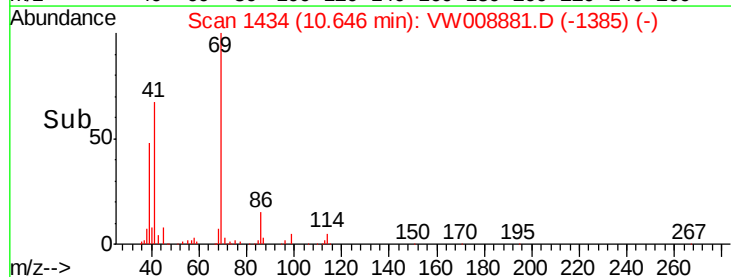
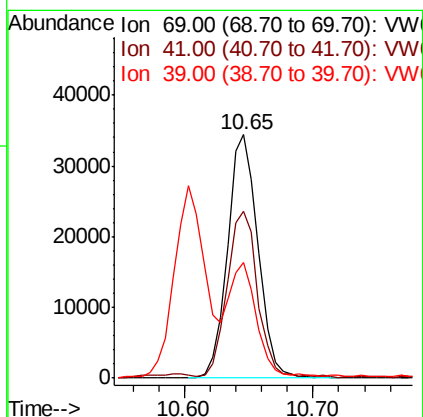
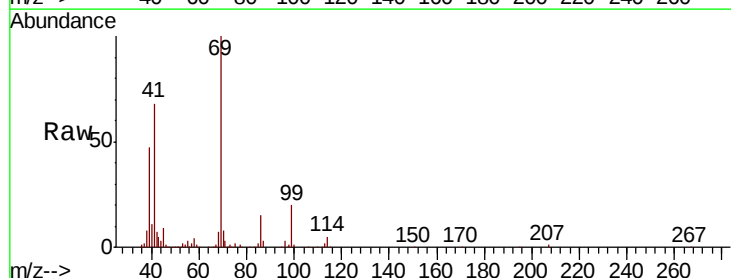
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBSD01

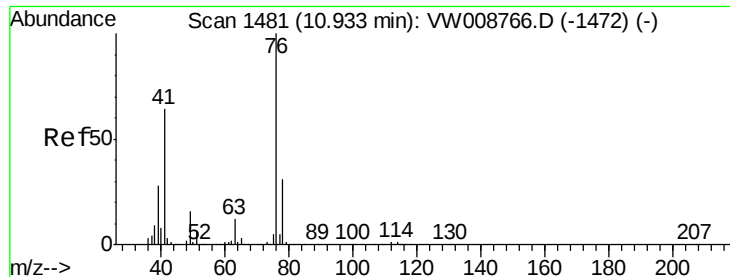
Tot Ion:	97	Resp:	46805
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.0	97.6
85	53.5	46.0	69.0
99	62.3	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 20.815 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion:	69	Resp:	56658
Ion	Ratio	Lower	Upper
69	100		
41	68.3	57.4	86.0
39	42.7	34.8	52.2

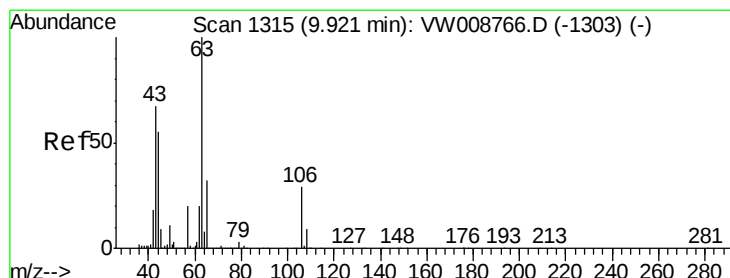
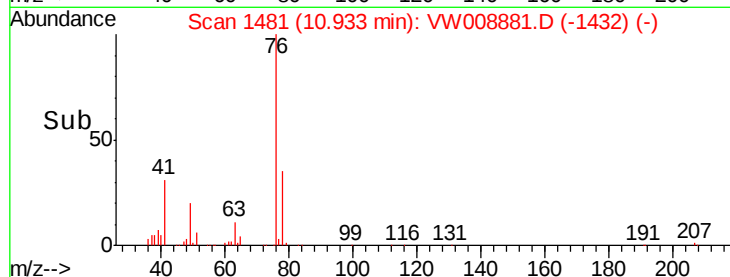
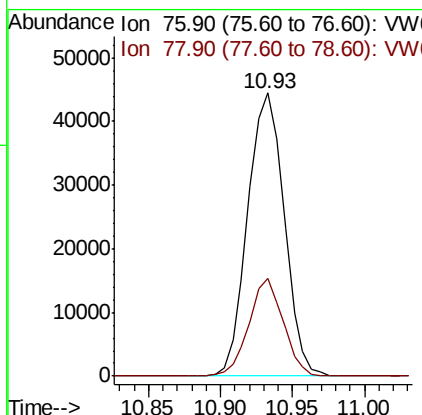
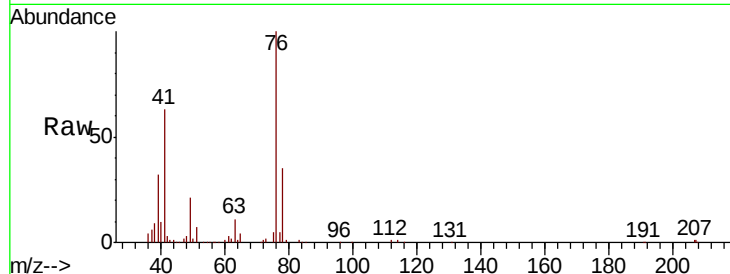




#57
 1,3-Dichloropropane
 Concen: 21.105 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

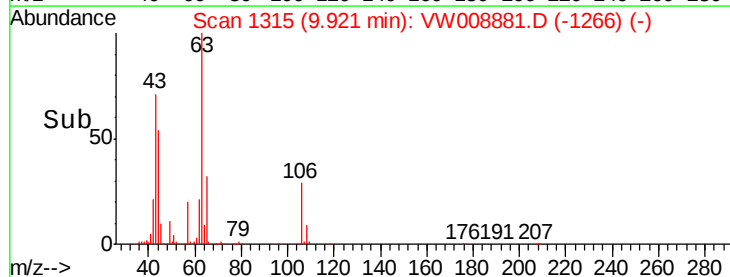
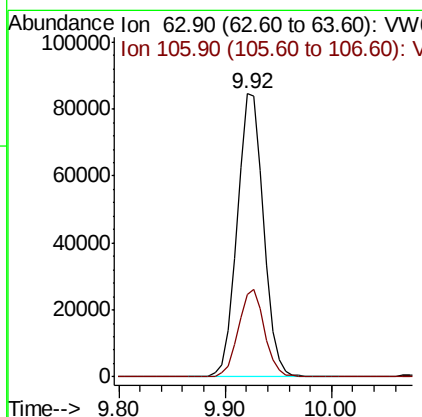
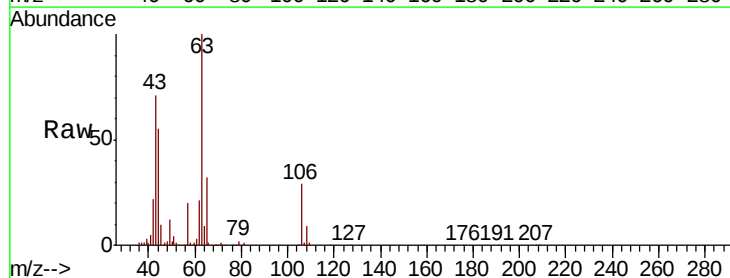
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBSD01

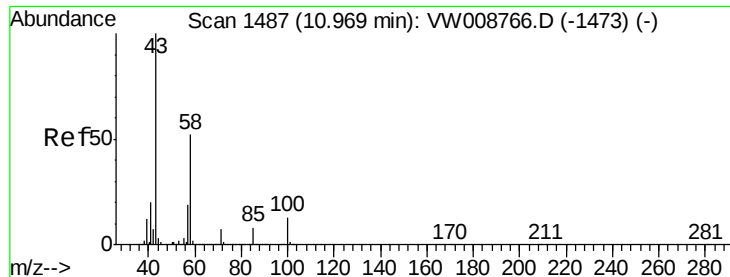
Tot Ion: 76 Resp: 78070
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.637 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion: 63 Resp: 147357
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.0 36.0





#59

2-Hexanone

Concen: 102.326 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

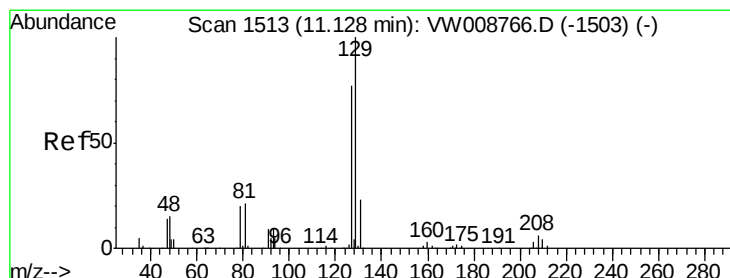
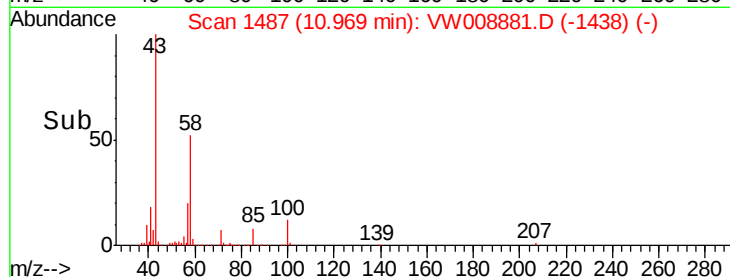
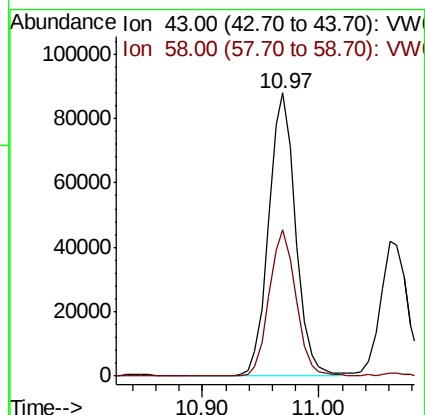
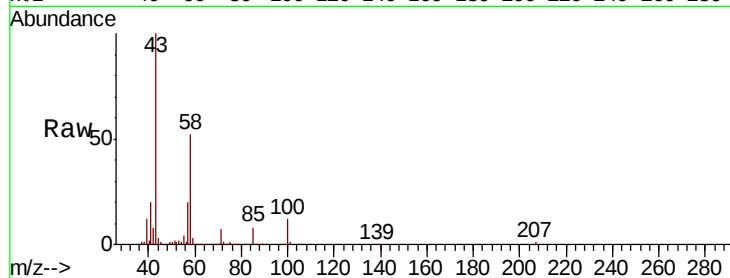
VW0228SBSD01

Tot Ion: 43 Resp: 141285

Ion Ratio Lower Upper

43 100

58 51.9 25.3 75.8



#60

Dibromochloromethane

Concen: 20.843 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW008881.D

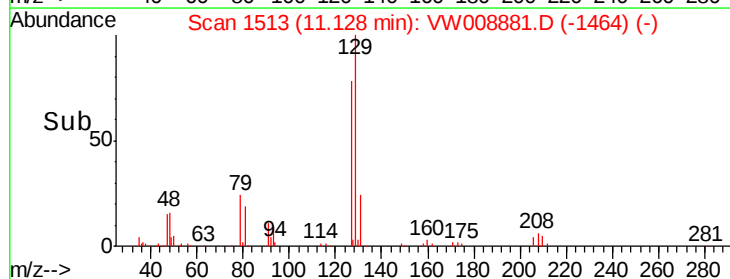
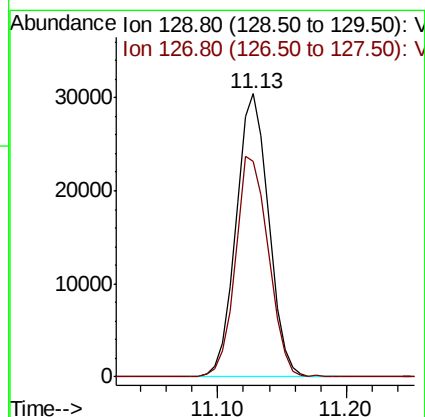
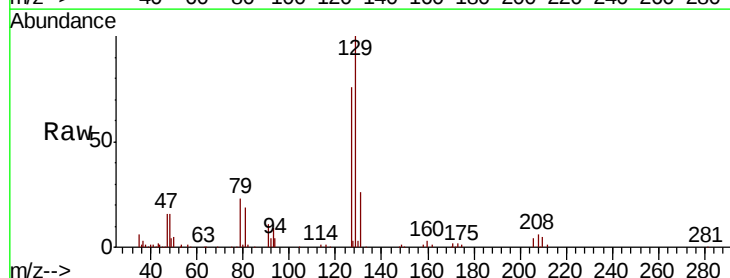
Acq: 28 Feb 2019 12:24

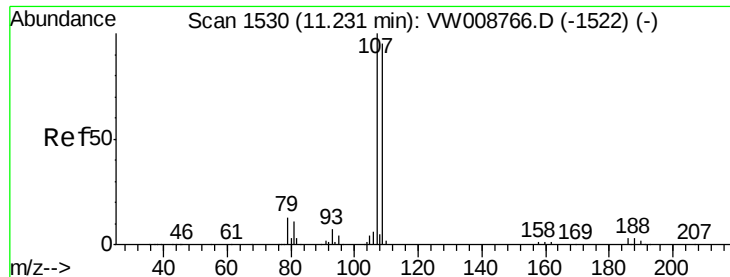
Tgt Ion: 129 Resp: 53263

Ion Ratio Lower Upper

129 100

127 79.1 39.0 116.9

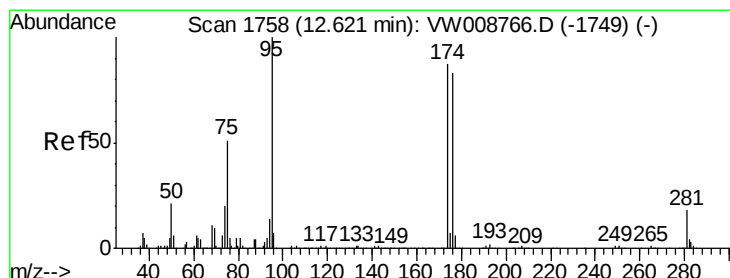
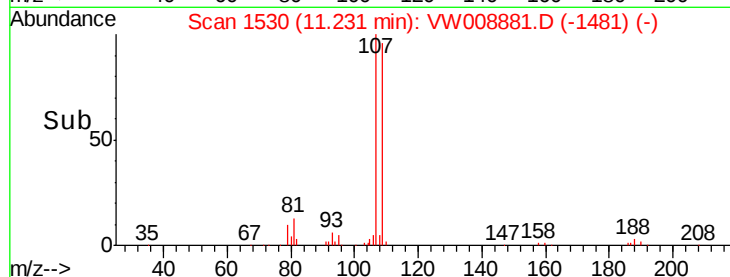
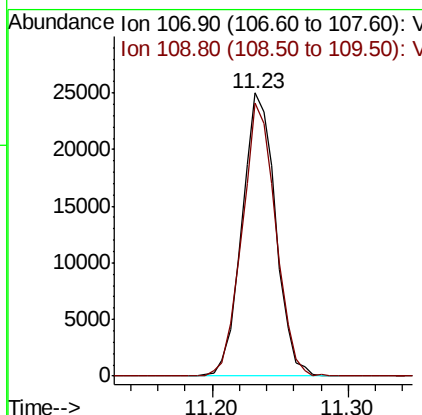
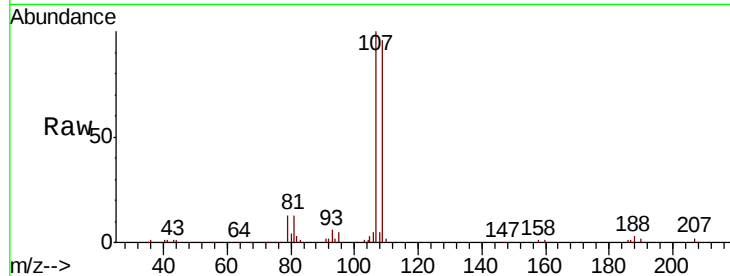




#61
 1,2-Dibromoethane
 Concen: 20.767 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

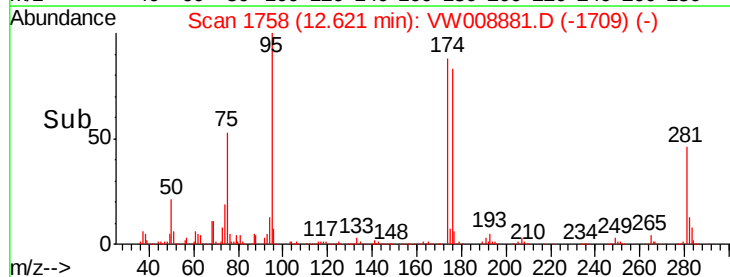
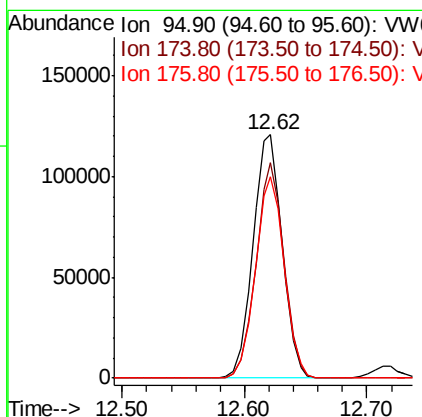
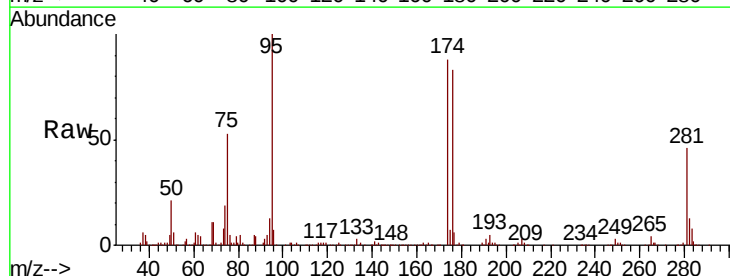
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBSD01

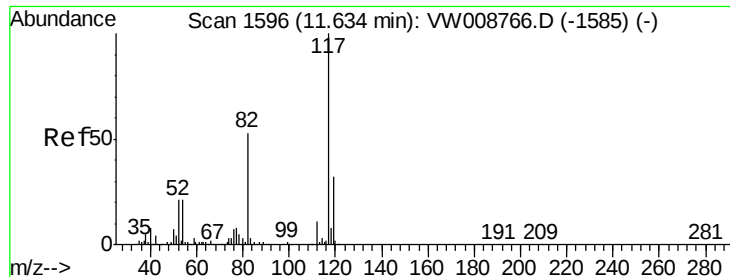
Tot Ion:107 Resp: 43067
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.095 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion: 95 Resp: 199924
 Ion Ratio Lower Upper
 95 100
 174 85.1 0.0 169.2
 176 82.1 0.0 163.6

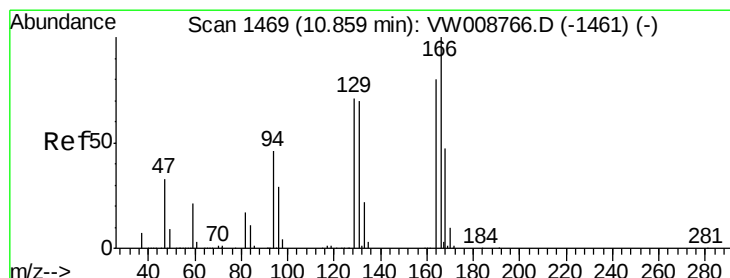
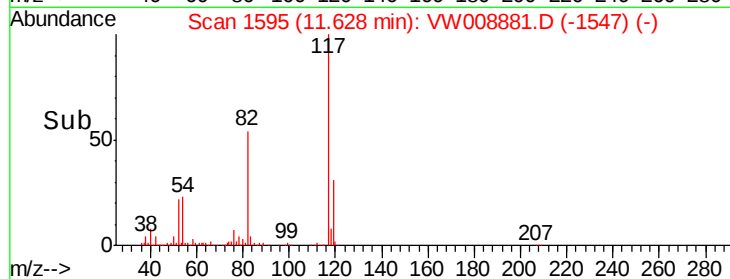
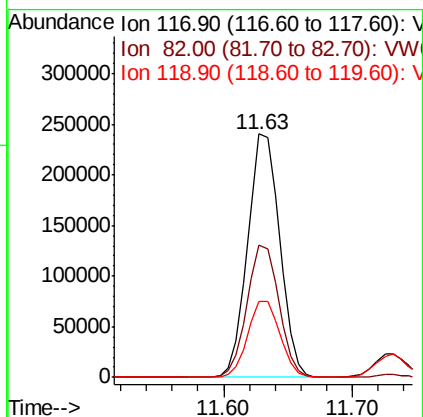
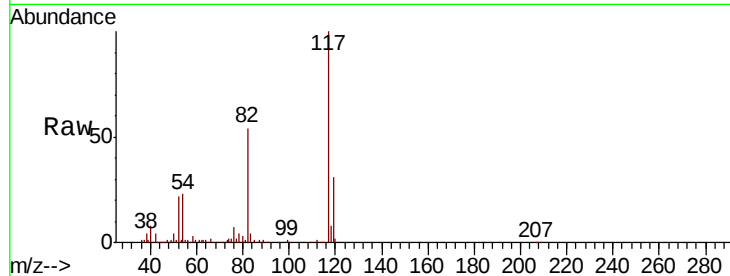




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

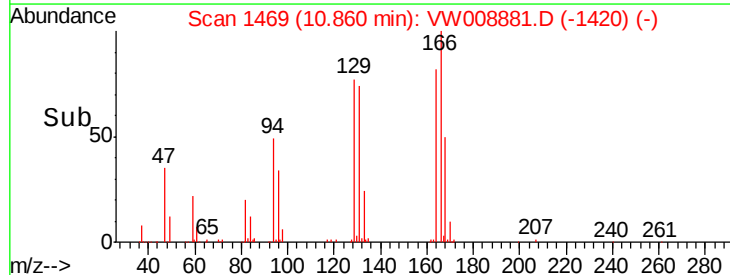
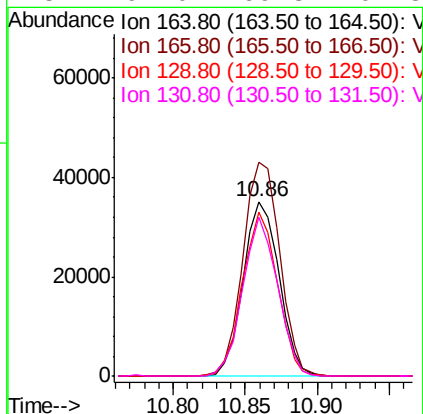
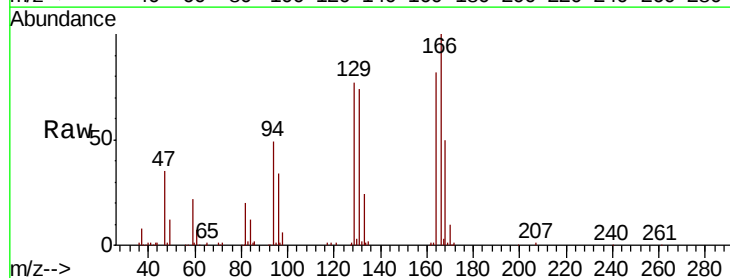
Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

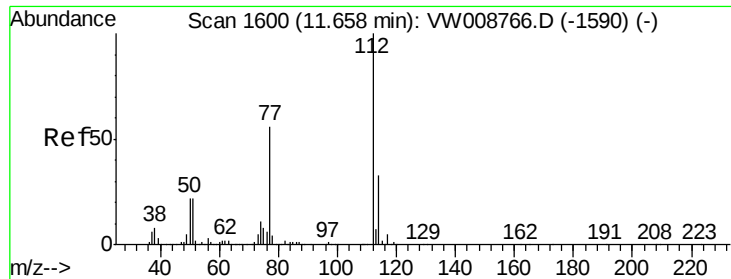
Tot Ion:117 Resp: 413203
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 31.1 25.9 38.9



#64
Tetrachloroethene
Concen: 20.436 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion:164 Resp: 60444
Ion Ratio Lower Upper
164 100
166 122.5 99.5 149.3
129 94.1 71.1 106.7
131 91.0 69.8 104.8





#65

Chlorobenzene

Concen: 20.609 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

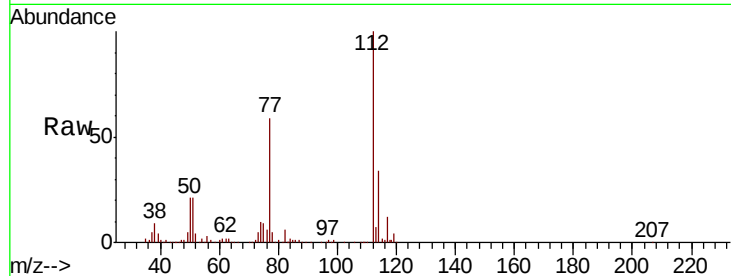
VW0228SBSD01

Tot Ion:112 Resp: 179058

Ion Ratio Lower Upper

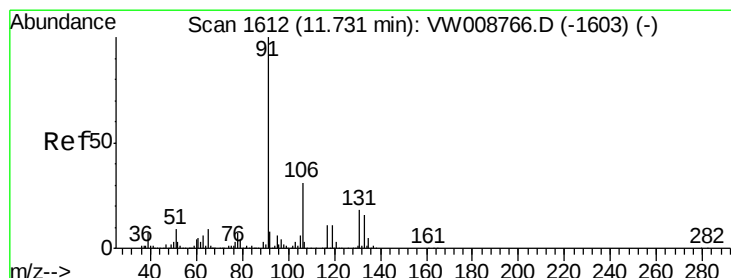
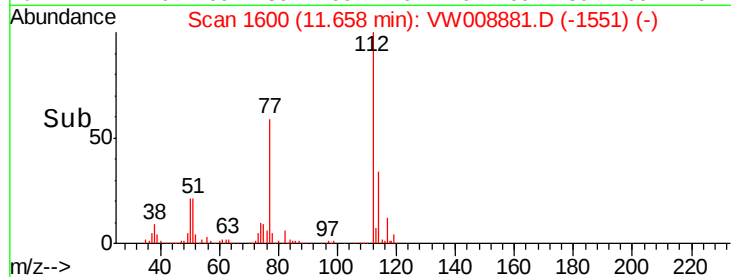
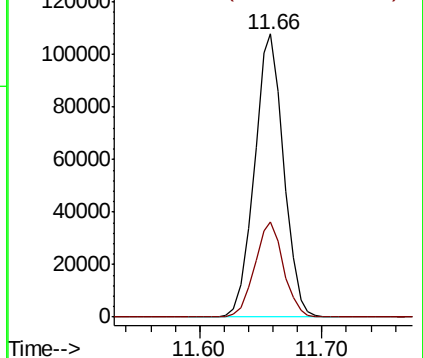
112 100

114 33.7 26.6 40.0



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: 20.847 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

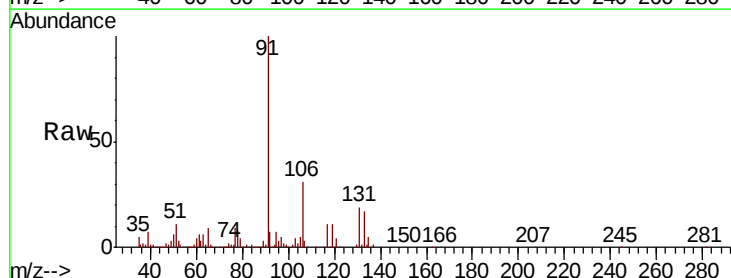
Tgt Ion:131 Resp: 61244

Ion Ratio Lower Upper

131 100

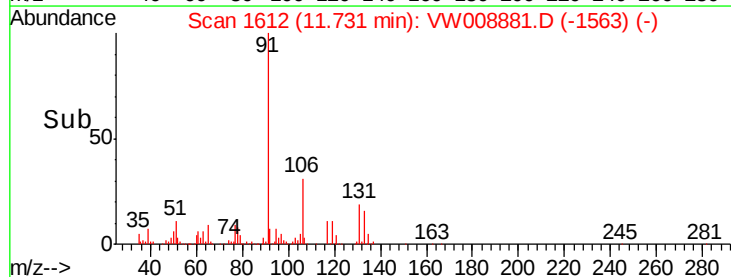
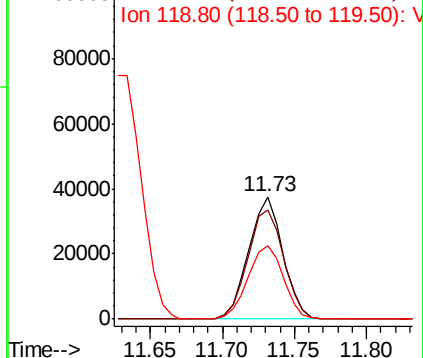
133 95.0 46.7 140.0

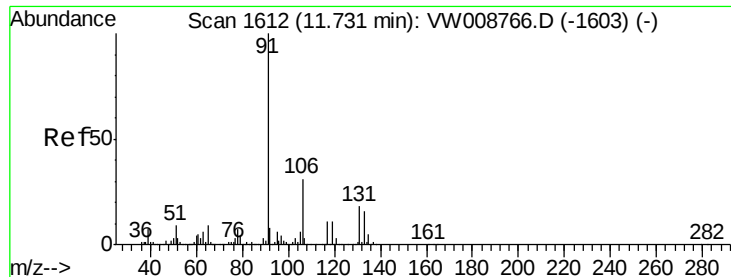
119 62.6 30.8 92.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

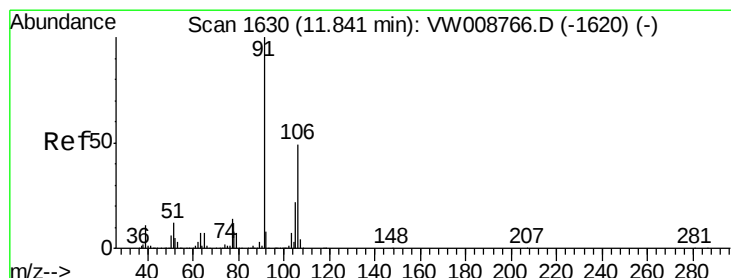
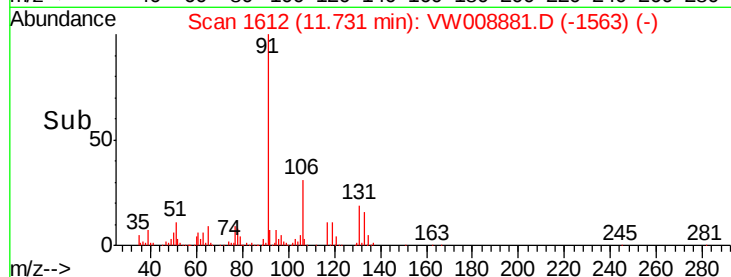
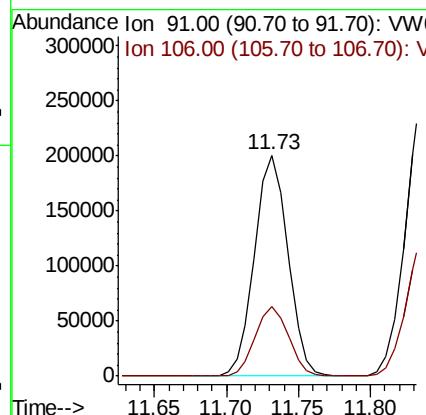
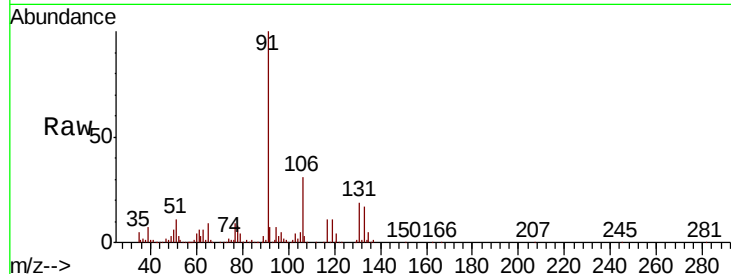




#67
Ethyl Benzene
Concen: 20.711 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

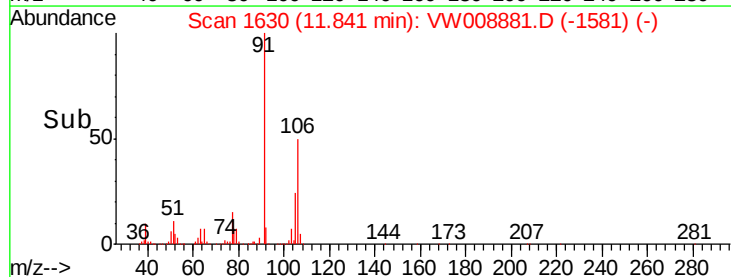
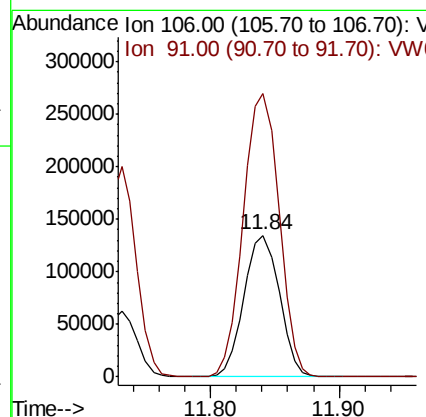
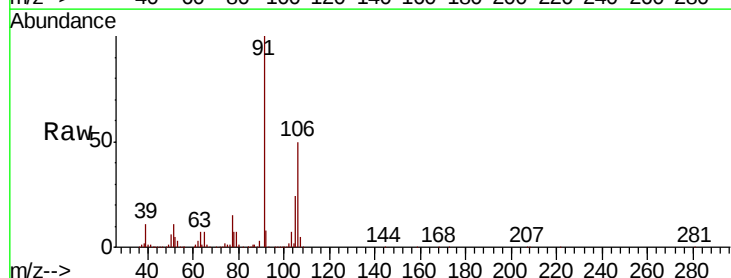
Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

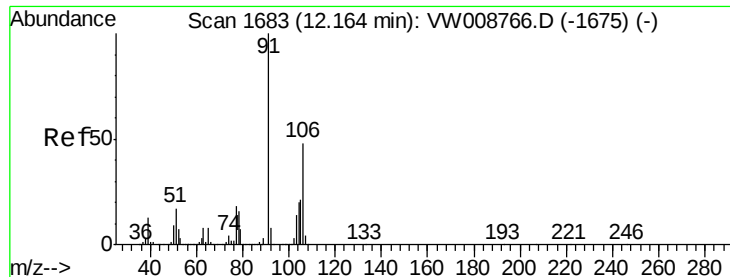
Tot Ion: 91 Resp: 321679
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6



#68
m/p-Xylenes
Concen: 41.540 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 106 Resp: 257793
Ion Ratio Lower Upper
106 100
91 201.8 161.5 242.3

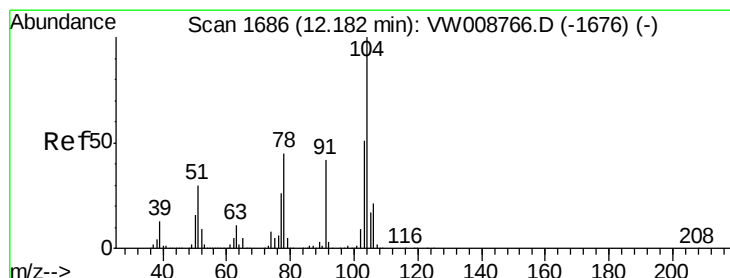
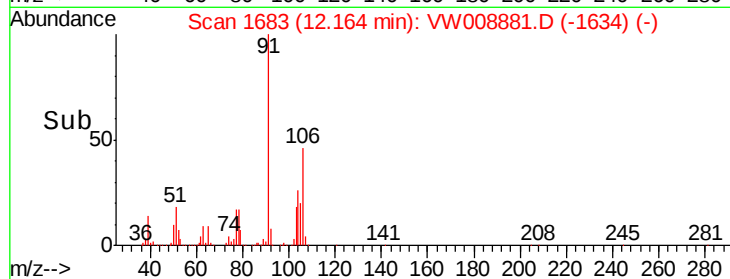
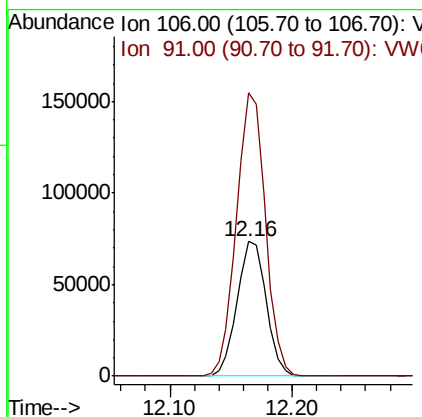
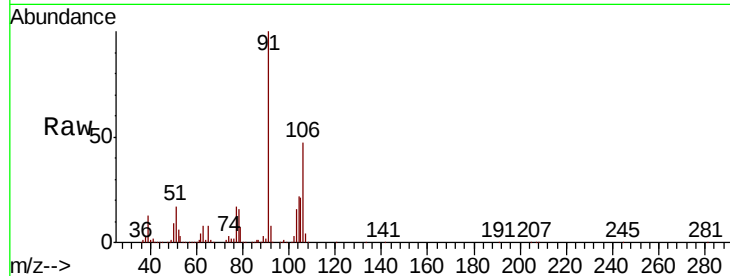




#69
o-Xylene
Concen: 20.887 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

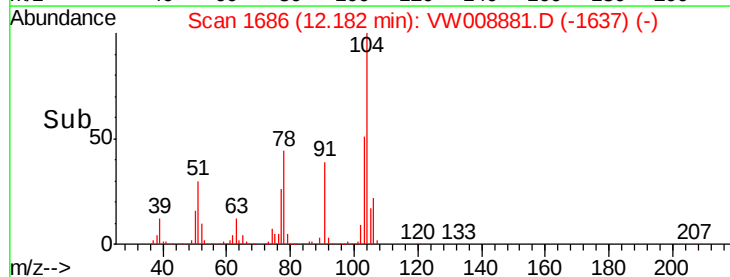
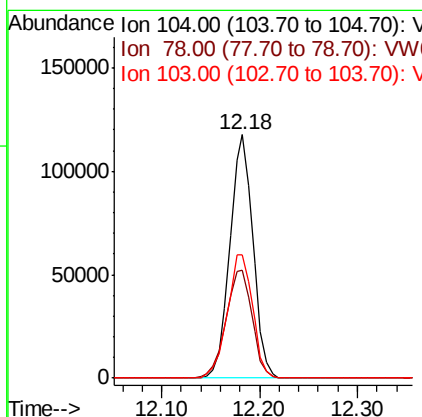
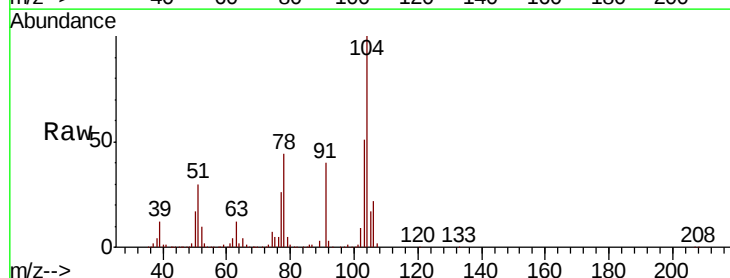
Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

Tot Ion:106 Resp: 121662
Ion Ratio Lower Upper
106 100
91 208.7 106.2 318.6



#70
Styrene
Concen: 20.538 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion:104 Resp: 192466
Ion Ratio Lower Upper
104 100
78 50.3 40.8 61.2
103 55.6 44.2 66.2





#71

Bromoform

Concen: 19.381 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBSD01

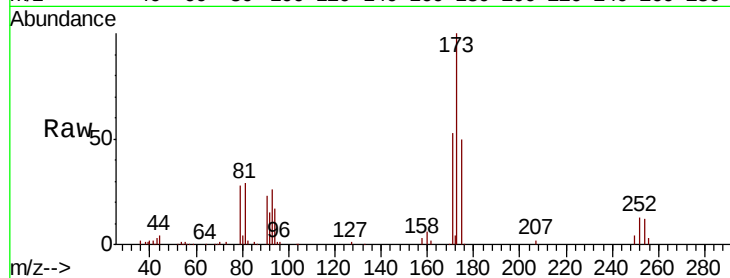
Tot Ion:173 Resp: 30605

Ion Ratio Lower Upper

173 100

175 50.6 24.2 72.6

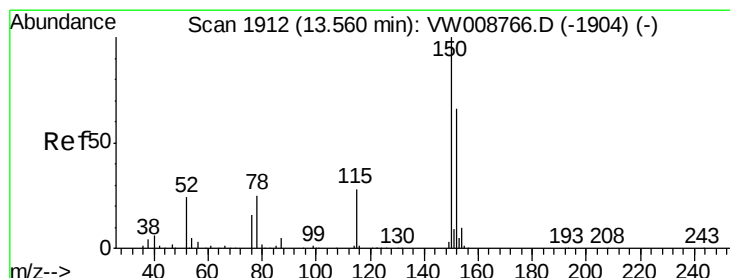
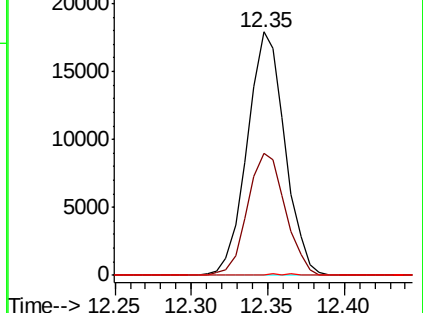
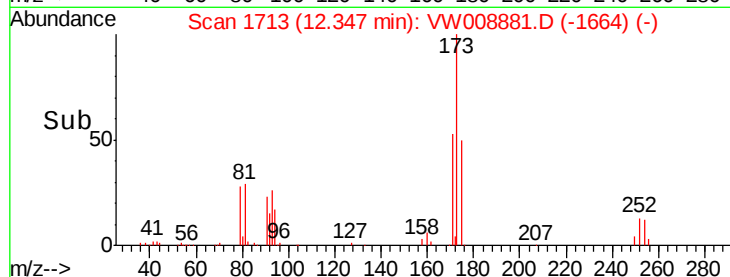
254 0.3 0.2 0.4



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: VW008881.D

Acq: 28 Feb 2019 12:24

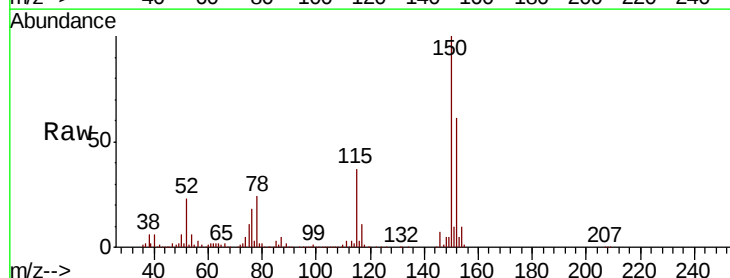
Tgt Ion:152 Resp: 232150

Ion Ratio Lower Upper

152 100

115 57.6 28.6 85.8

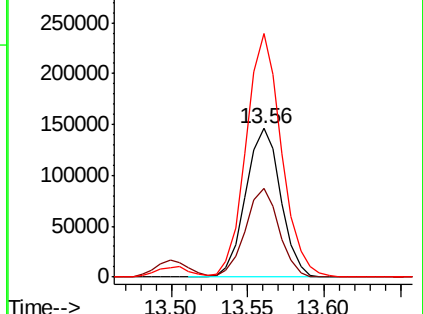
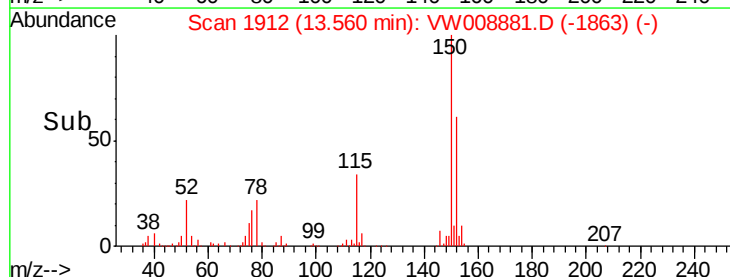
150 165.6 0.0 348.0

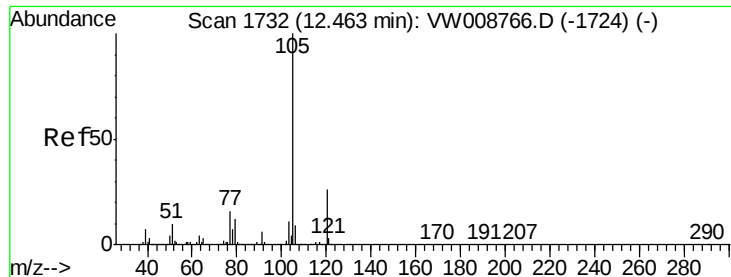


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.855 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

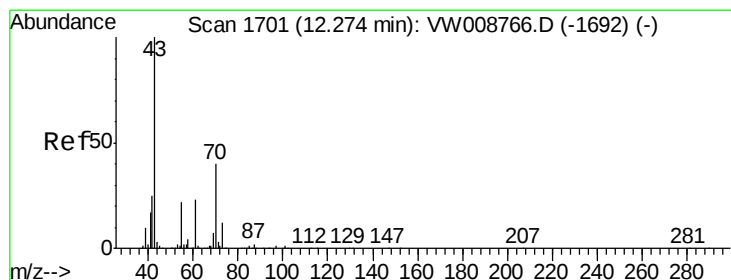
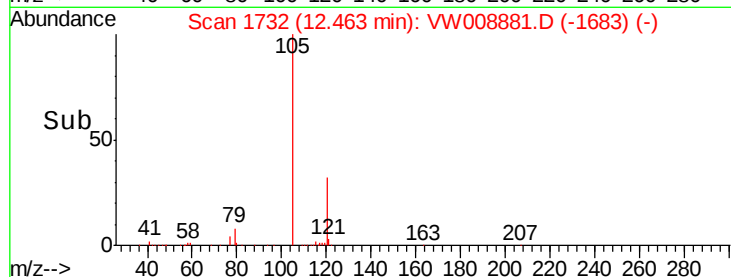
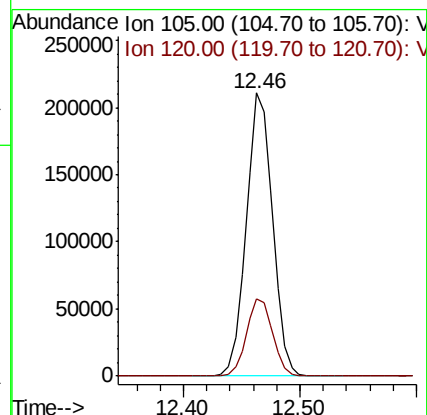
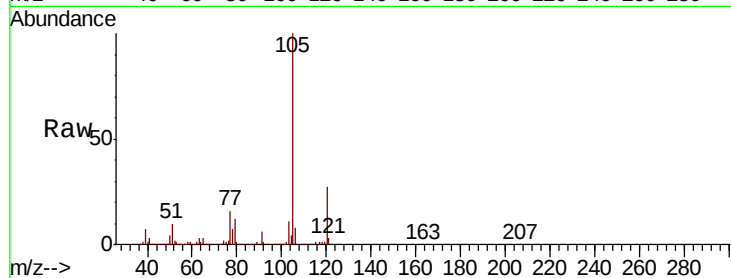
VW0228SBSD01

Tot Ion:105 Resp: 331902

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 19.390 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Tgt Ion: 43 Resp: 77731

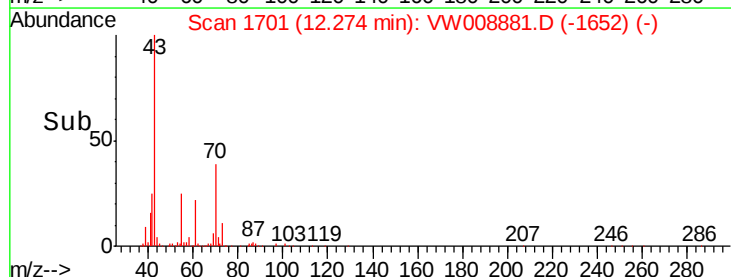
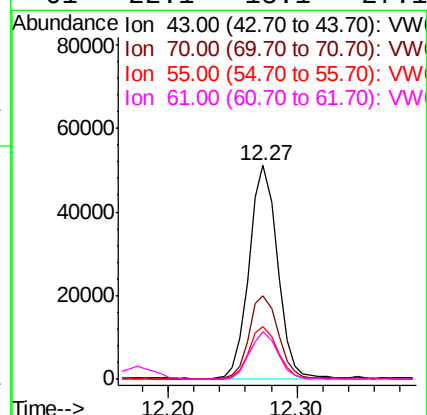
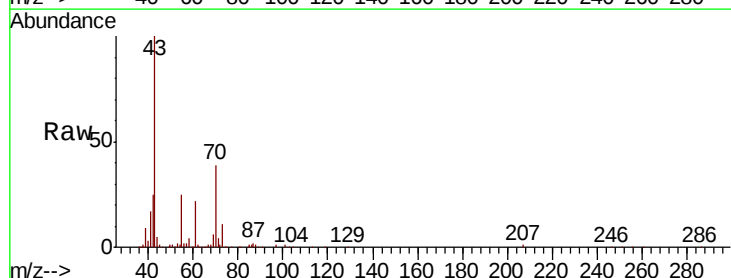
Ion Ratio Lower Upper

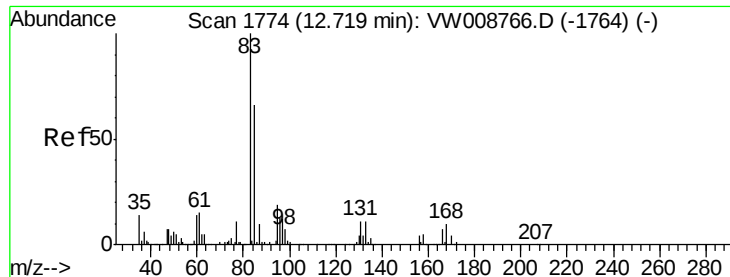
43 100

70 40.6 31.0 46.6

55 24.8 18.7 28.1

61 22.1 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.480 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBSD01

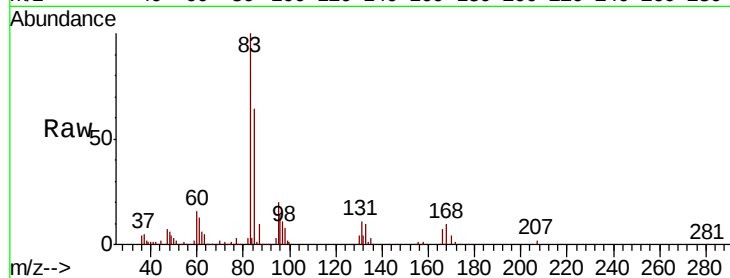
Tot Ion: 83 Resp: 50657

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

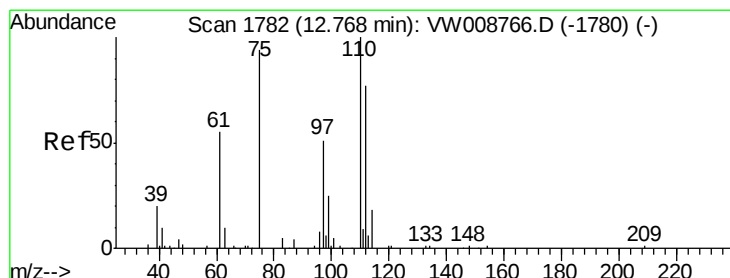
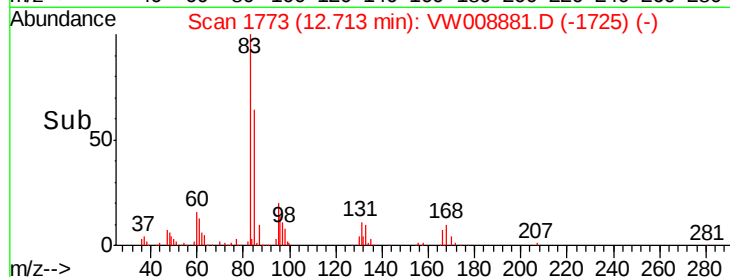
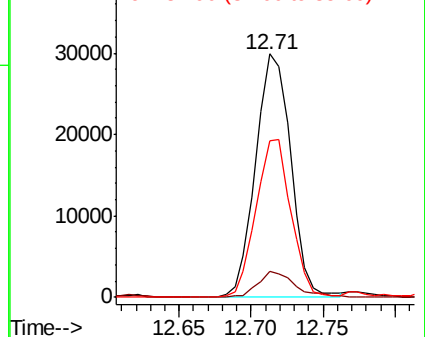
85 64.1 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.242 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008881.D

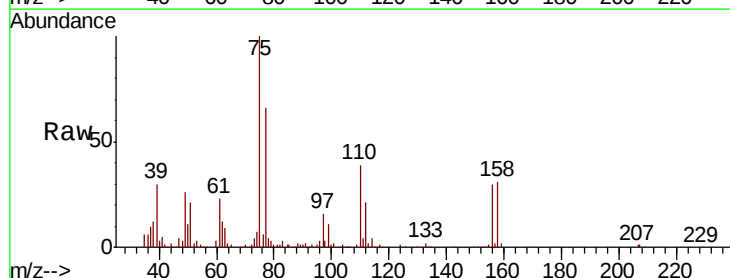
Acq: 28 Feb 2019 12:24

Tgt Ion: 75 Resp: 71382

Ion Ratio Lower Upper

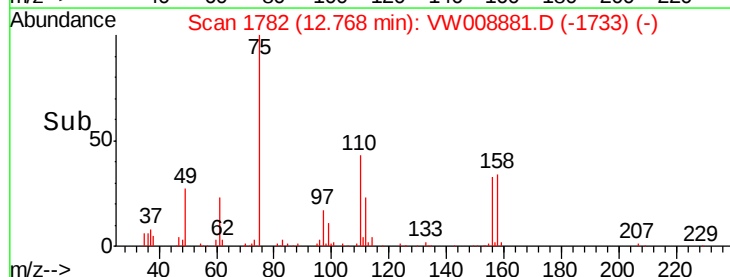
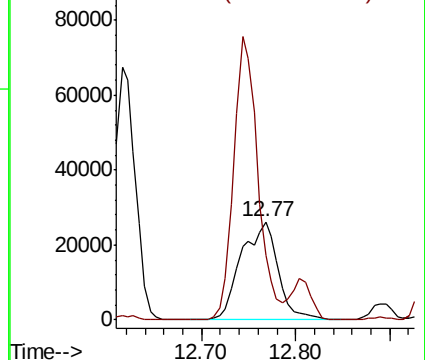
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

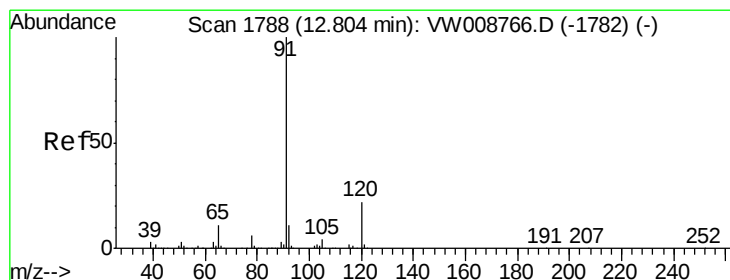
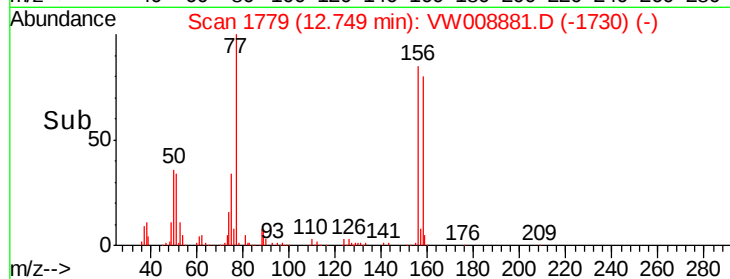
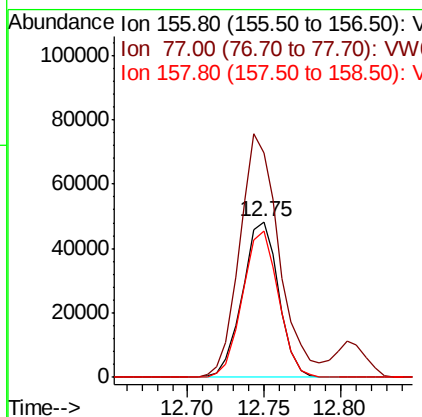
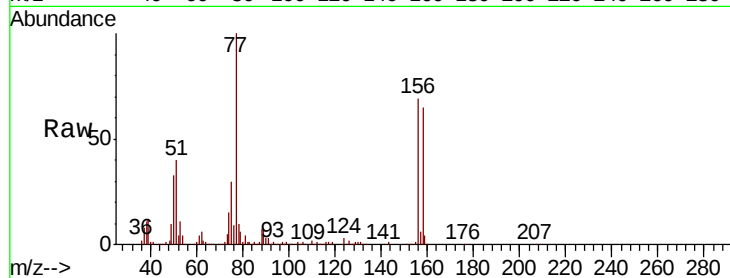




#77
Bromobenzene
Concen: 20.976 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

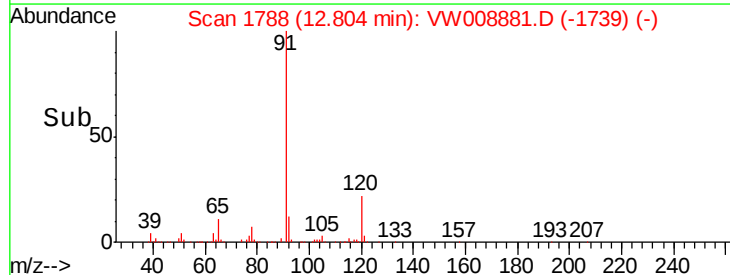
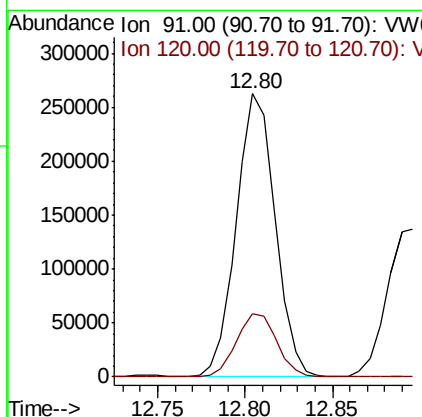
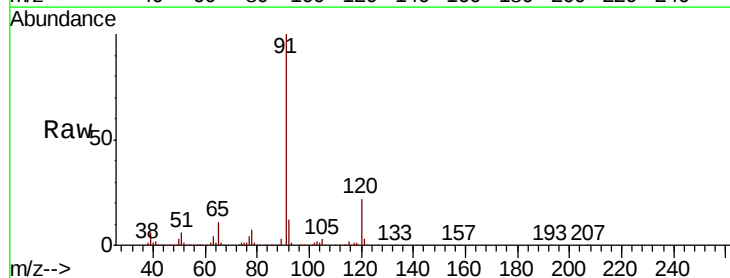
Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

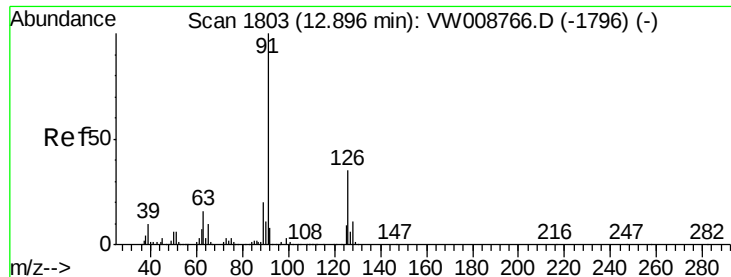
Tot Ion:156 Resp: 78889
Ion Ratio Lower Upper
156 100
77 171.9 89.1 267.4
158 94.6 49.2 147.6



#78
n-propylbenzene
Concen: 20.793 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion: 91 Resp: 404780
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

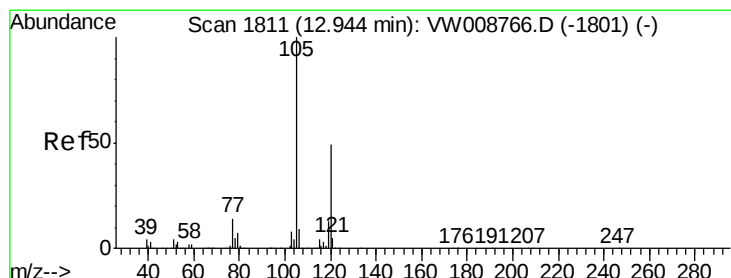
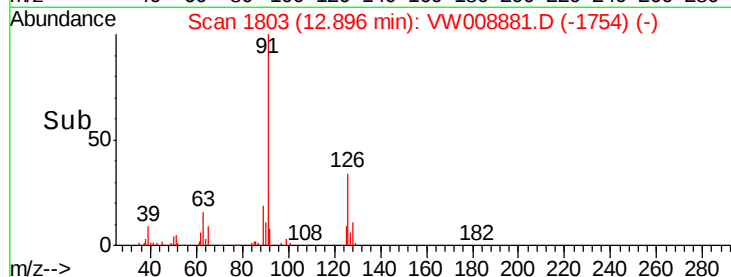
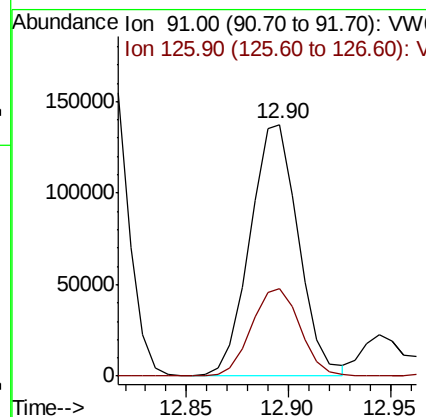
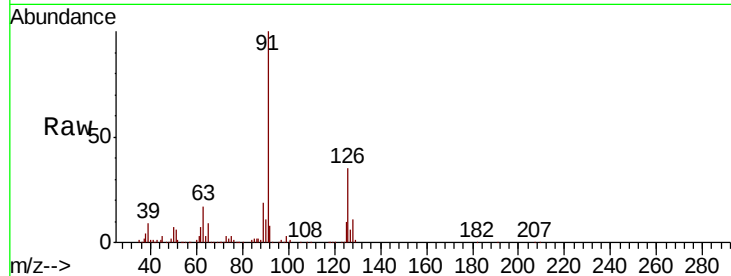




#79
 2-Chlorotoluene
 Concen: 20.510 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

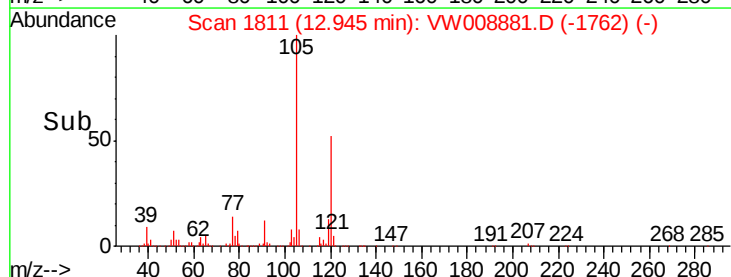
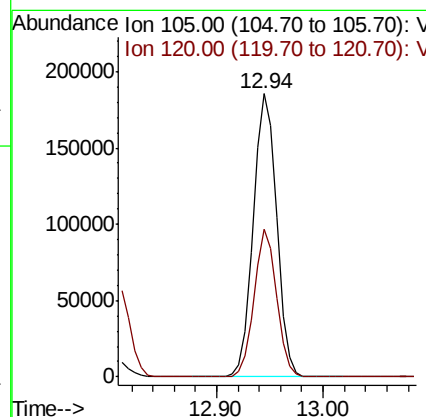
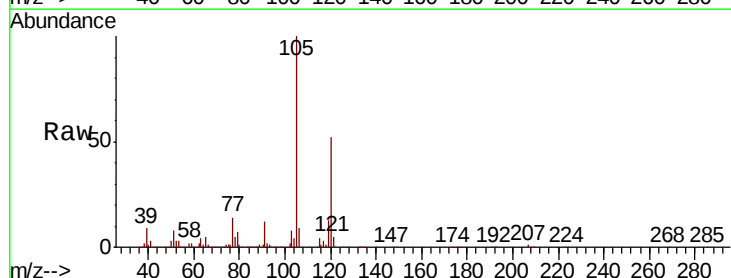
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBSD01

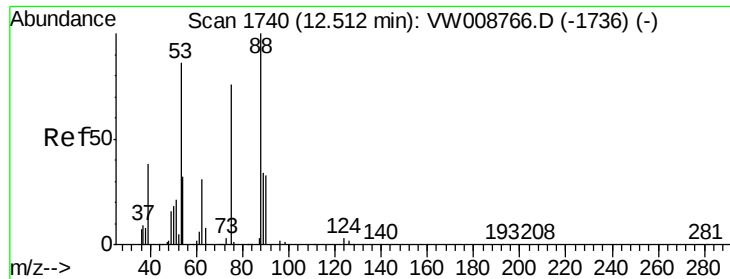
Tot Ion: 91 Resp: 226691
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.815 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion: 105 Resp: 287881
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.517 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBSD01

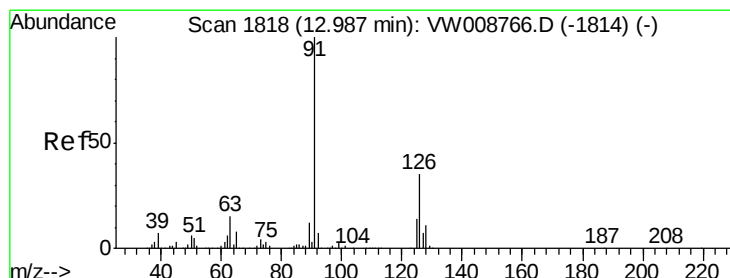
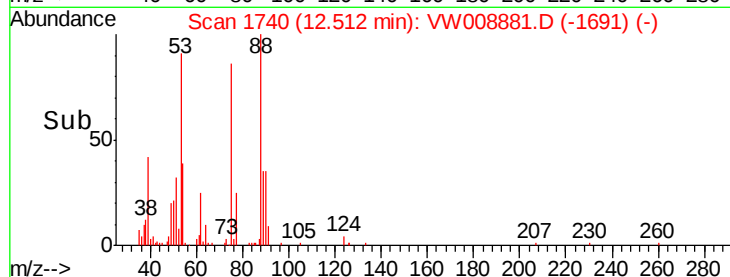
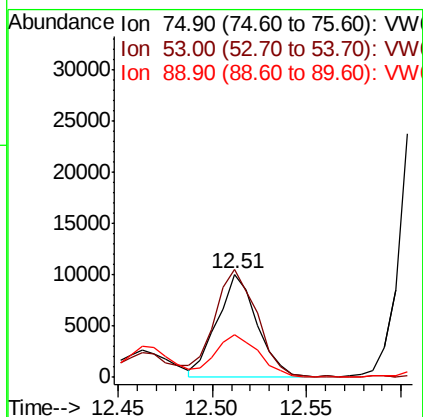
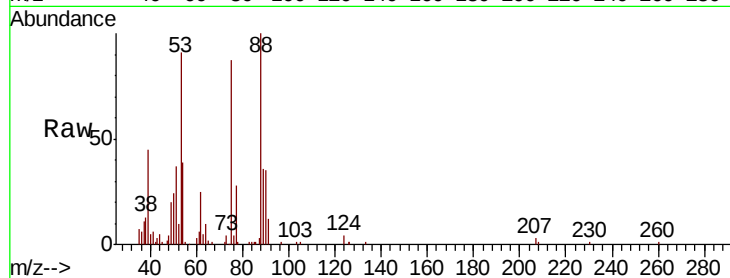
Tot Ion: 75 Resp: 14599

Ion Ratio Lower Upper

75 100

53 110.9 88.2 132.2

89 46.0 39.5 59.3



#82

4-Chlorotoluene

Concen: 20.672 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW008881.D

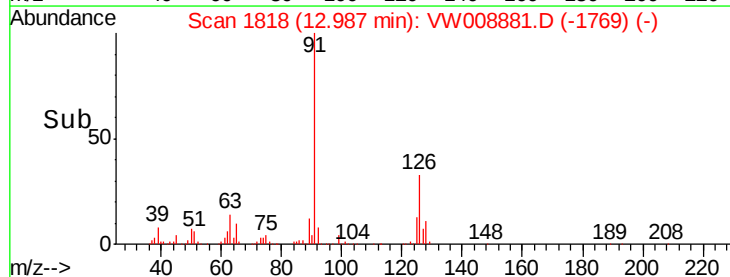
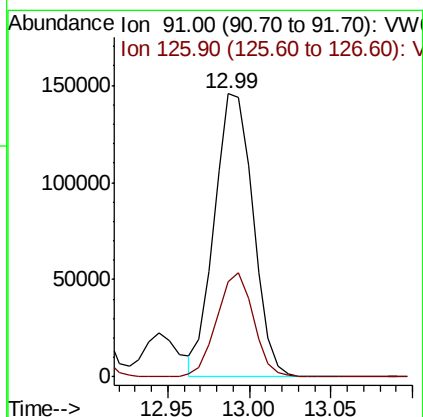
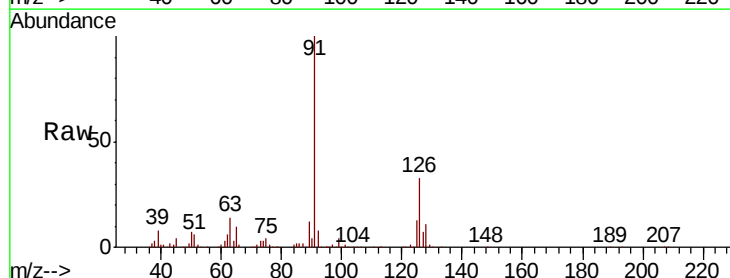
Acq: 28 Feb 2019 12:24

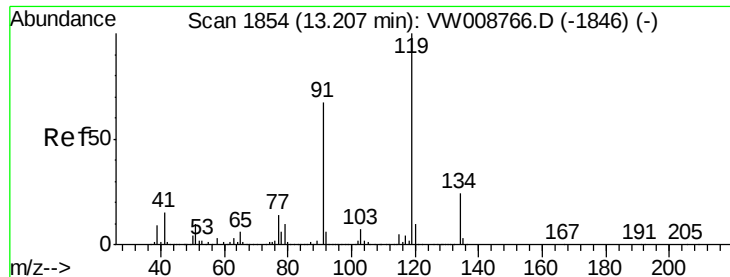
Tgt Ion: 91 Resp: 240779

Ion Ratio Lower Upper

91 100

126 34.9 17.2 51.6

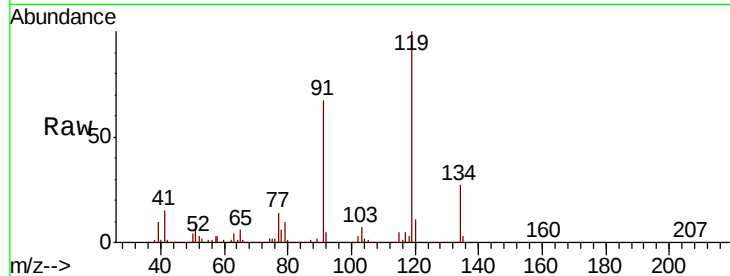




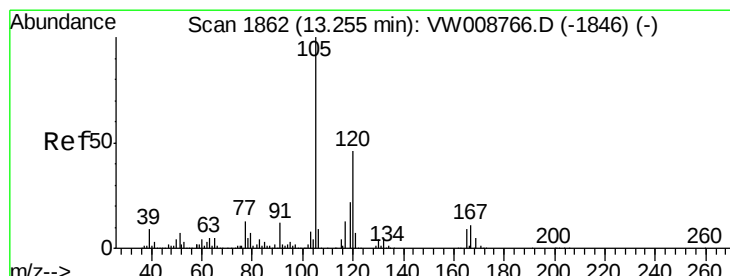
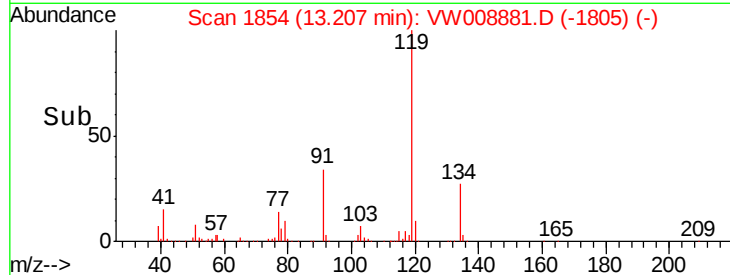
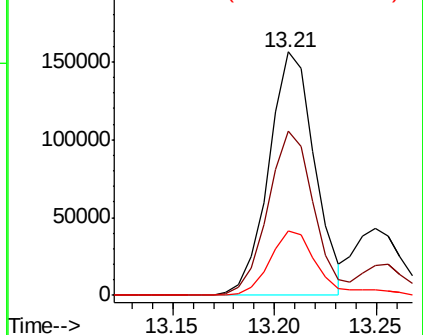
#83
tert-Butylbenzene
Concen: 20.460 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

Tot Ion:119 Resp: 244674
Ion Ratio Lower Upper
119 100
91 68.0 33.6 100.8
134 28.4 13.7 41.1

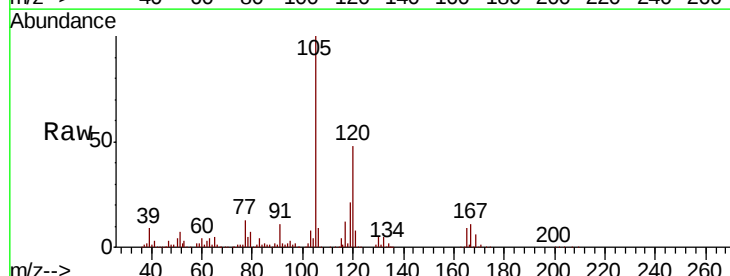


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

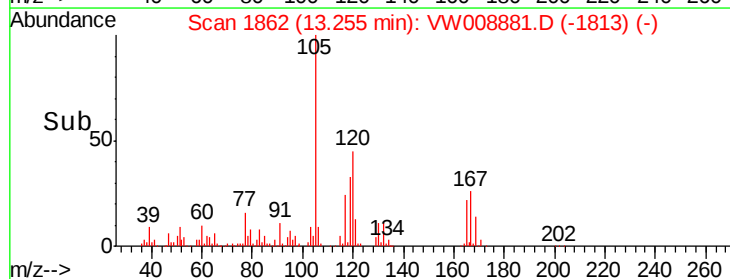
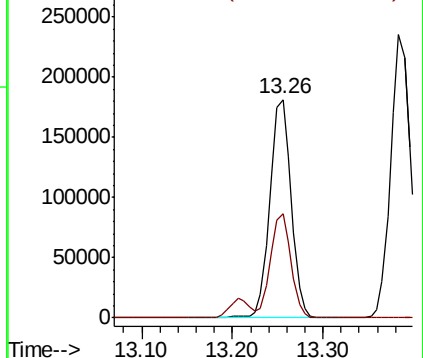


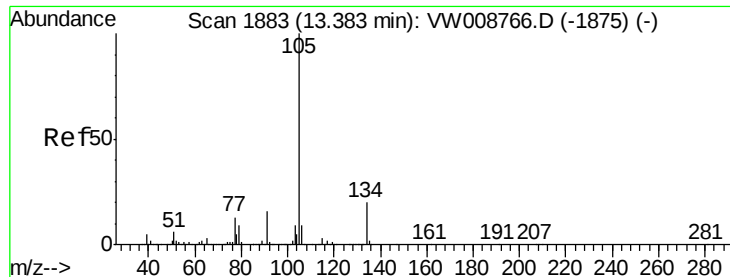
#84
1,2,4-Trimethylbenzene
Concen: 20.568 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion:105 Resp: 294458
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.836 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

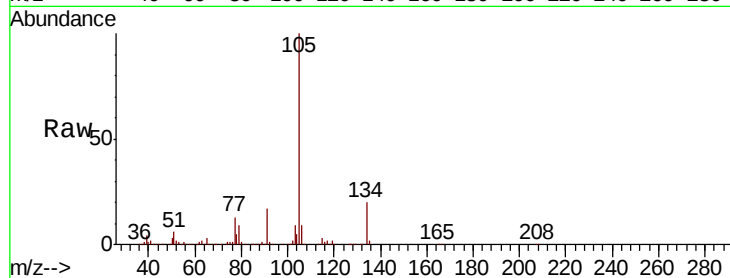
VW0228SBSD01

Tot Ion:105 Resp: 358279

Ion Ratio Lower Upper

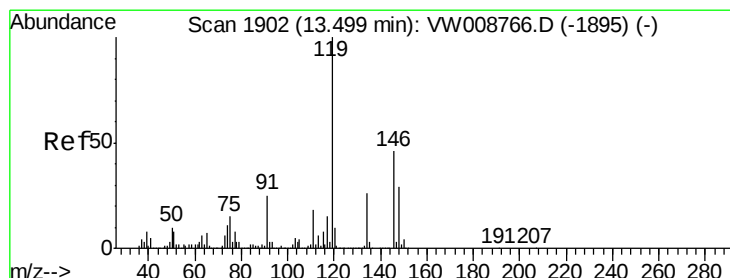
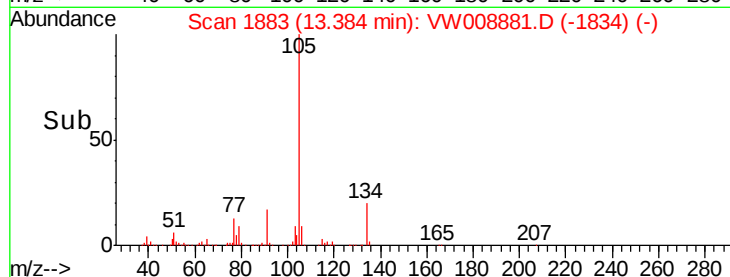
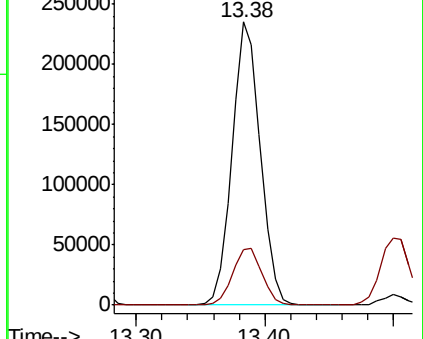
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.104 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

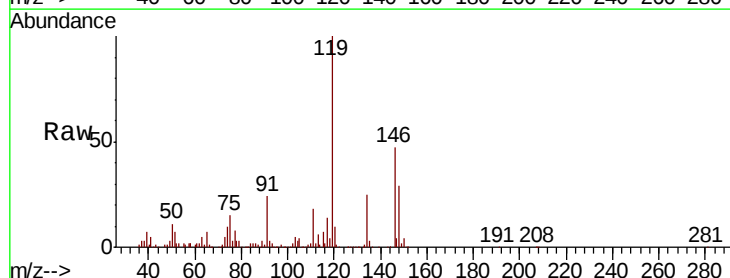
Tgt Ion:119 Resp: 316915

Ion Ratio Lower Upper

119 100

134 27.8 13.1 39.3

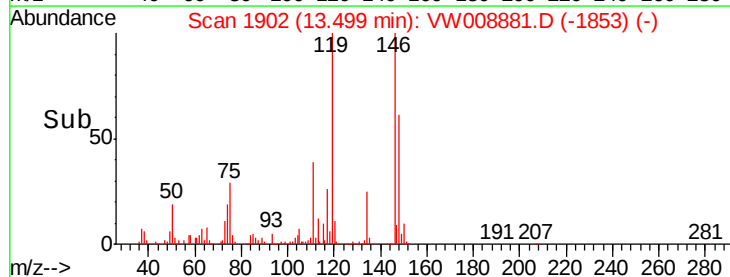
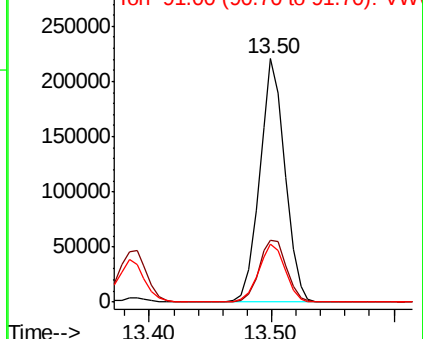
91 25.1 12.1 36.3

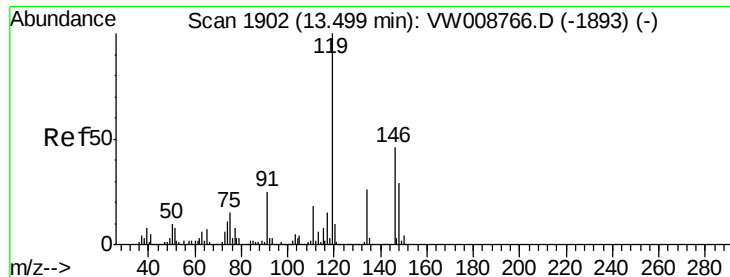


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

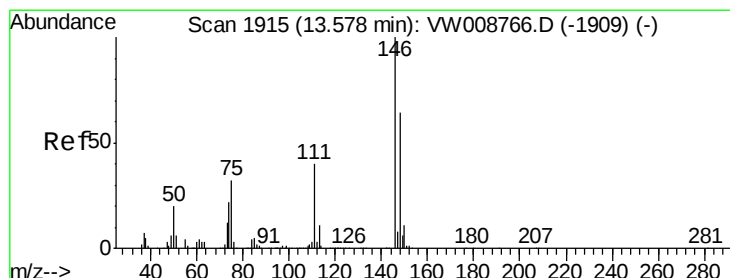
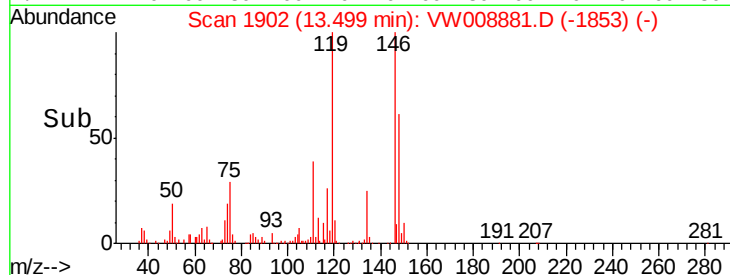
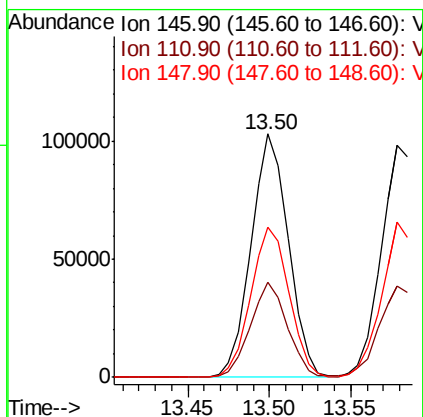
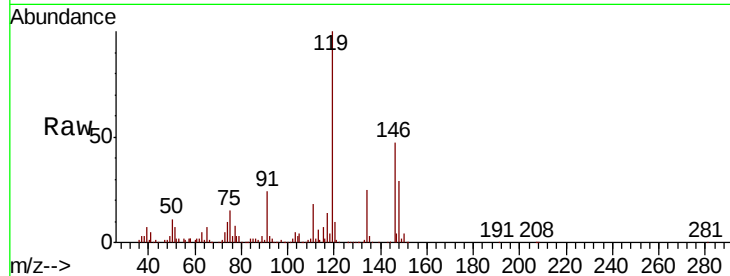




#87
 1,3-Dichlorobenzene
 Concen: 20.940 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

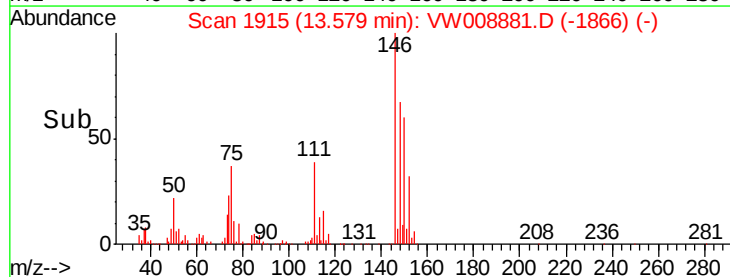
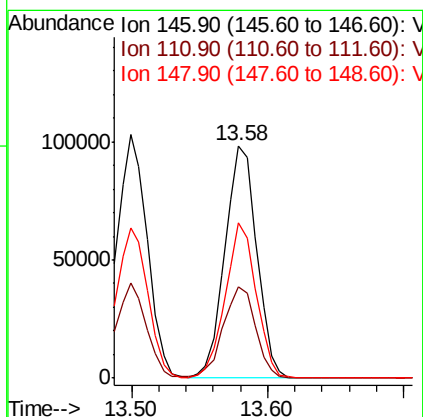
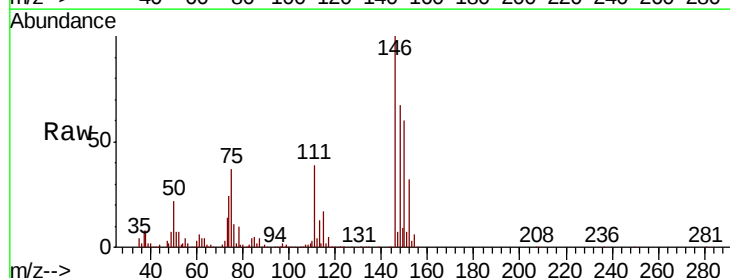
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

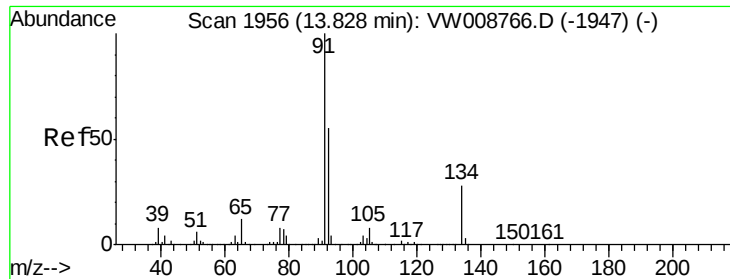
Tot Ion:146 Resp: 163393
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.9 59.7
 148 63.3 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.813 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion:146 Resp: 160060
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.3 57.9
 148 64.8 31.9 95.9





#89

n-Butylbenzene

Concen: 20.744 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBS01

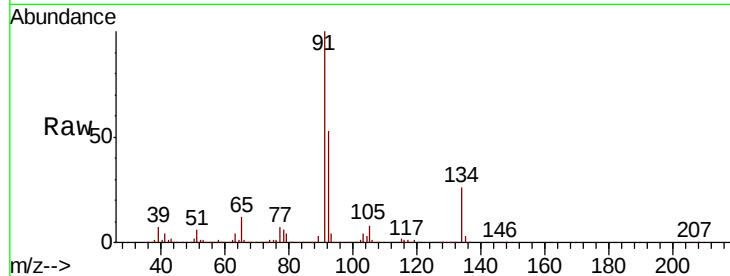
Tot Ion: 91 Resp: 306346

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

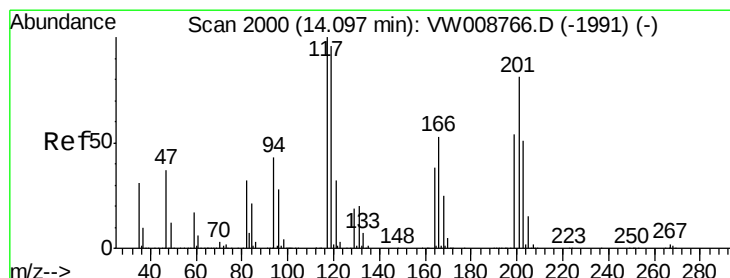
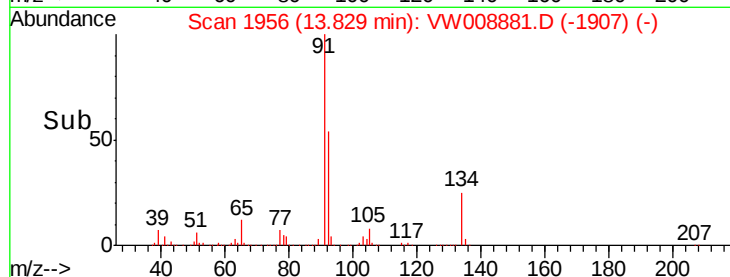
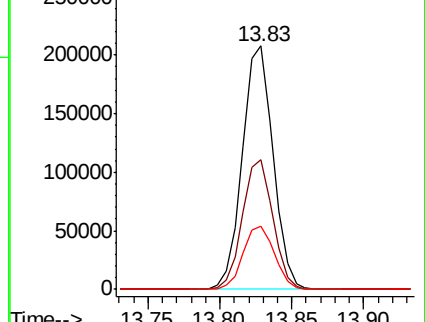
134 26.5 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.620 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008881.D

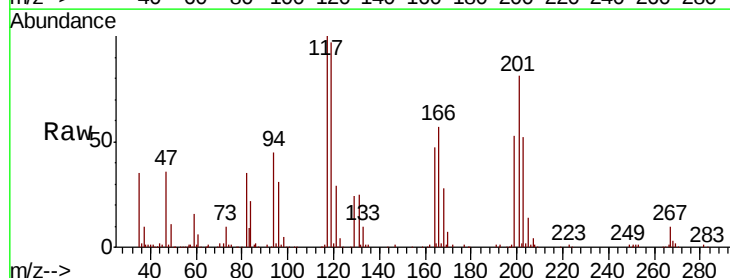
Acq: 28 Feb 2019 12:24

Tgt Ion: 117 Resp: 53211

Ion Ratio Lower Upper

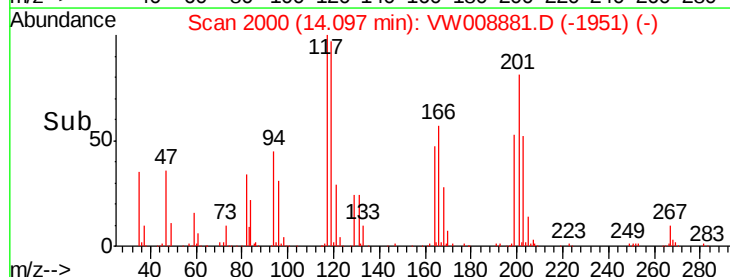
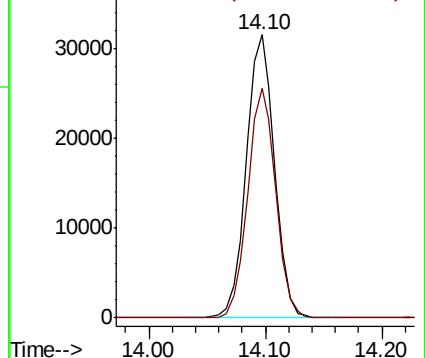
117 100

201 80.4 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.143 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBSD01

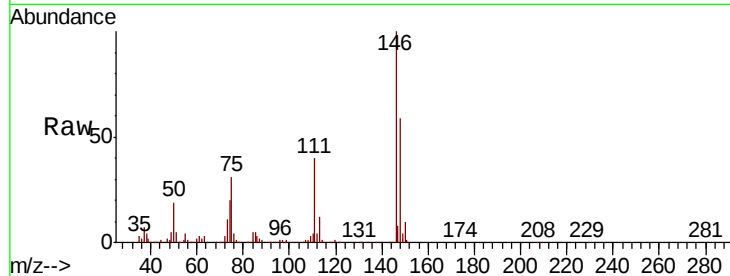
Tot Ion:146 Resp: 146995

Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.8

148 61.7 32.5 97.5

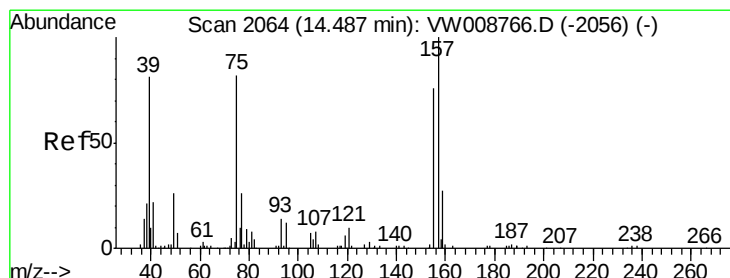
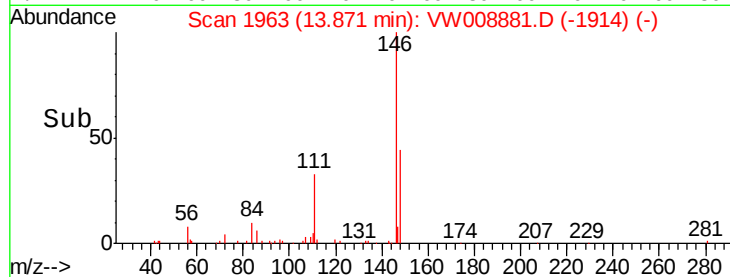
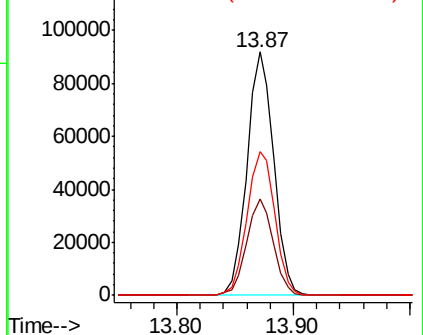


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.100 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW008881.D

Acq: 28 Feb 2019 12:24

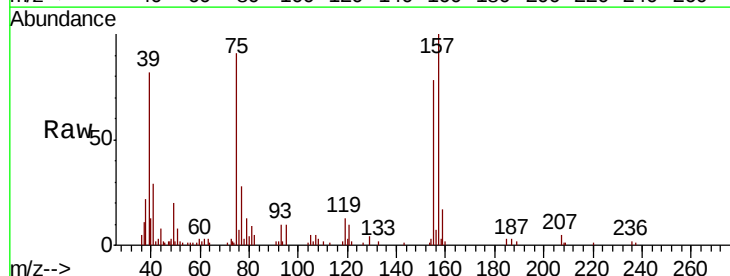
Tgt Ion: 75 Resp: 9455

Ion Ratio Lower Upper

75 100

155 87.2 41.8 125.4

157 106.3 56.6 169.9

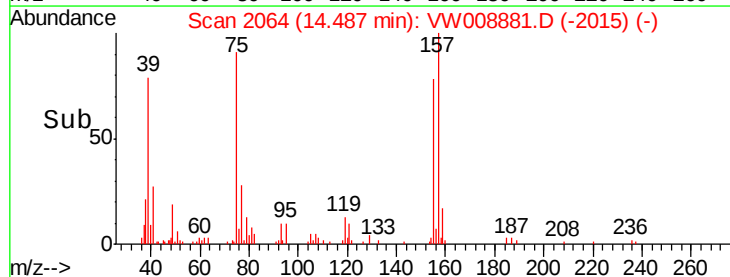
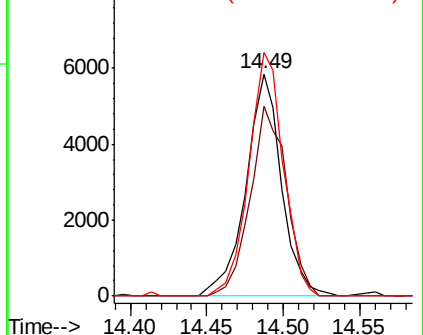


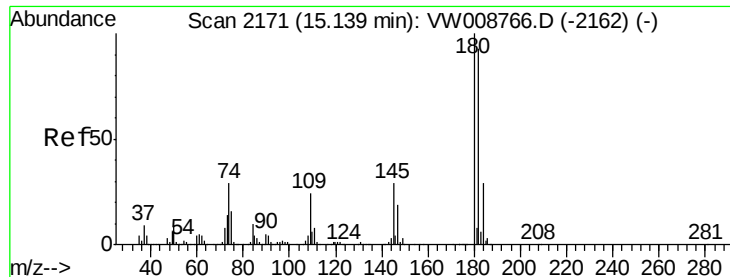
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

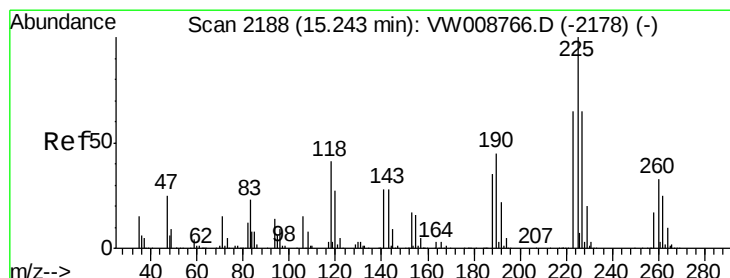
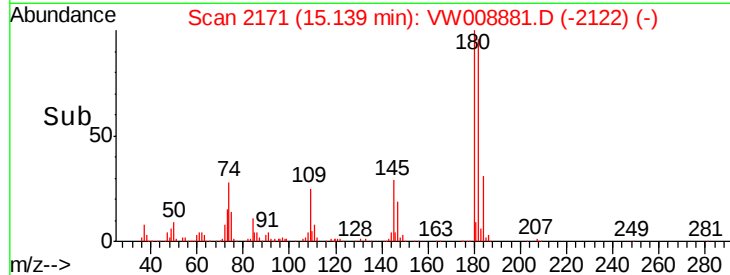
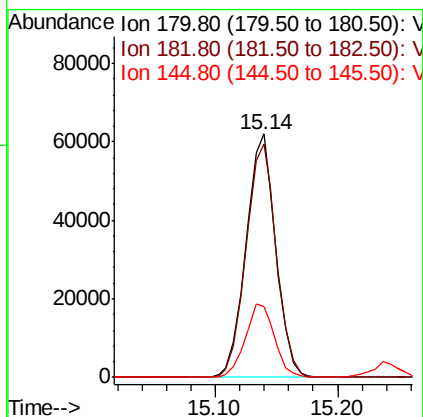
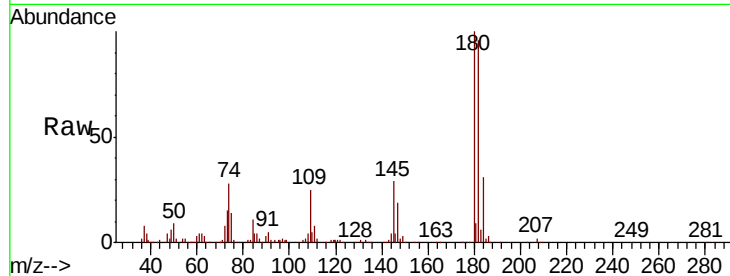




#93
 1,2,4-Trichlorobenzene
 Concen: 20.813 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

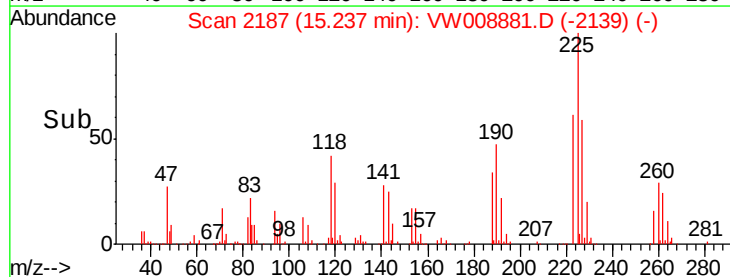
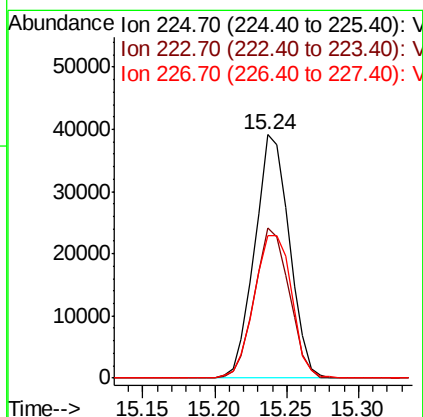
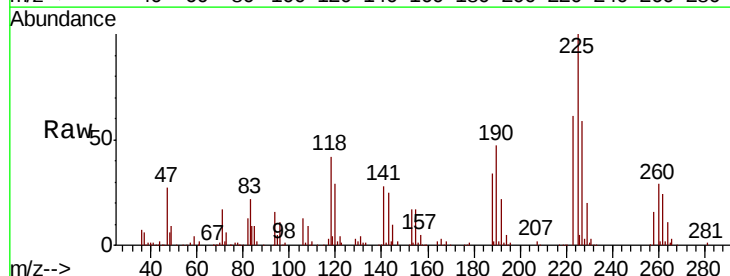
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

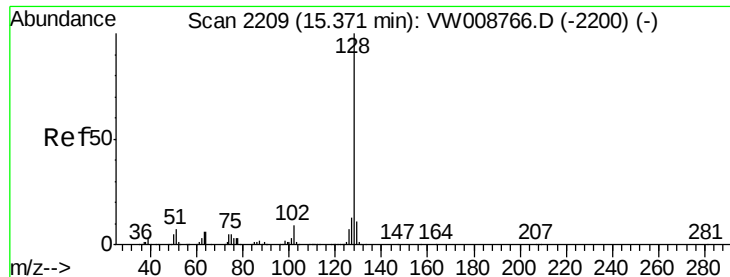
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.2	141.6
145	29.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 22.010 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW008881.D
 Acq: 28 Feb 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.5	94.5
227	63.9	31.6	94.8

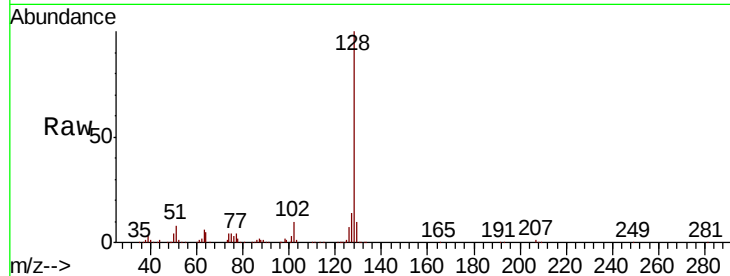




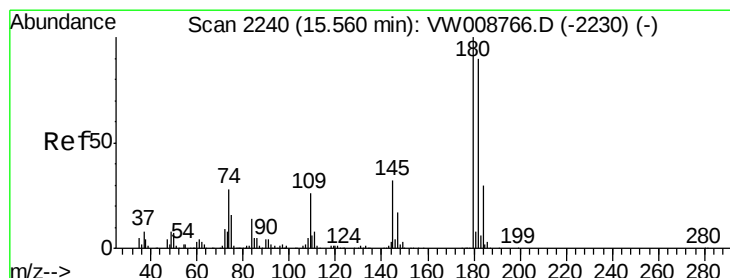
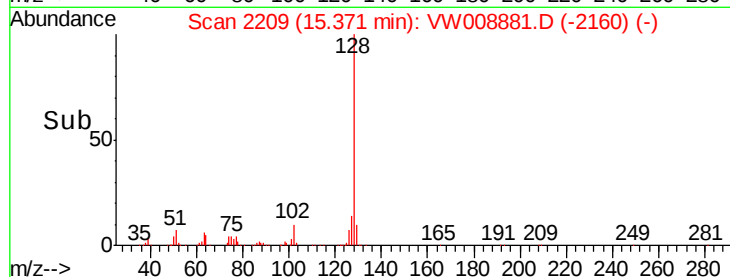
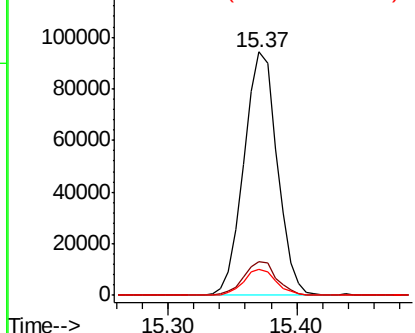
#95
Naphthalene
Concen: 19.749 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBSD01

Tot Ion:128 Resp: 168442
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 10.4 8.7 13.1

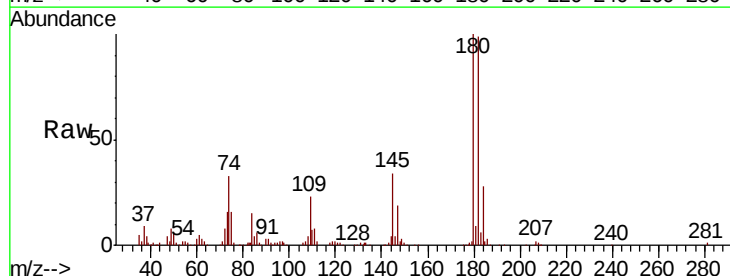


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.696 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008881.D
Acq: 28 Feb 2019 12:24

Tgt Ion:180 Resp: 93971
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.8
145 31.0 15.9 47.6



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

