

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002397.D
 Acq On : 10 May 2018 23:33
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 04:56:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	295082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114939	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.88	113	104362	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	10.33	98	395391	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.63	95	145661	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43207	54.12	ug/l	98
3) Chloromethane	2.21	50	82606	50.96	ug/l	99
4) Vinyl Chloride	2.36	62	137948	51.59	ug/l	100
5) Bromomethane	2.77	94	107855	50.16	ug/l	99
6) Chloroethane	2.92	64	93096	51.60	ug/l	98
7) Trichlorofluoromethane	3.25	101	49799	45.61	ug/l	96
8) Diethyl Ether	3.67	74	80755	66.07	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	96127	49.85	ug/l	99
10) Methyl Iodide	4.26	142	154143	49.26	ug/l	98
11) Tert butyl alcohol	5.18	59	44264	271.49	ug/l #	78
12) 1,1-Dichloroethene	4.03	96	94679	49.52	ug/l	96
13) Acrolein	3.89	56	41976	307.51	ug/l	98
14) Allyl chloride	4.65	41	126581	45.05	ug/l	99
15) Acrylonitrile	5.37	53	132639	276.66	ug/l	98
16) Acetone	4.12	43	121170	276.60	ug/l	97
17) Carbon Disulfide	4.37	76	258286	46.46	ug/l	100
18) Methyl Acetate	4.67	43	77468	58.94	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	179880	53.81	ug/l	99
20) Methylene Chloride	4.90	84	99420	47.07	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	102022	49.43	ug/l	94
22) Diisopropyl ether	6.31	45	307237	49.89	ug/l	99
23) Vinyl Acetate	6.25	43	991162	268.75	ug/l	99
24) 1,1-Dichloroethane	6.21	63	185049	49.56	ug/l	98
25) 2-Butanone	7.18	43	191639	294.62	ug/l	100
26) 2,2-Dichloropropane	7.17	77	89291	47.97	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	116648	50.14	ug/l	99
28) Bromochloromethane	7.51	49	87728	51.94	ug/l	98
29) Tetrahydrofuran	7.53	42	123413	289.29	ug/l	99
30) Chloroform	7.67	83	194820	49.83	ug/l	97
31) Cyclohexane	7.95	56	154402	46.32	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	143747	48.92	ug/l	99
36) 1,1-Dichloropropene	8.08	75	146014	51.49	ug/l	99
37) Ethyl Acetate	7.26	43	82517	59.71	ug/l	99
38) Carbon Tetrachloride	8.07	117	143299	52.25	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	172511	52.13	ug/l	99
40) Benzene	8.32	78	427883	51.62	ug/l	99
41) Methacrylonitrile	7.49	41	45323	57.23	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	137294	53.11	ug/l	99
43) Isopropyl Acetate	8.43	43	154780	59.03	ug/l	98
44) Trichloroethene	9.09	130	116770	51.67	ug/l	97
45) 1,2-Dichloropropane	9.37	63	106691	51.37	ug/l	96
46) Dibromomethane	9.46	93	64420	55.49	ug/l	99
47) Bromodichloromethane	9.65	83	146179	53.35	ug/l	99
48) Methyl methacrylate	9.45	41	75405	59.23	ug/l	99
49) 1,4-Dioxane	9.45	88	23334	1265.22	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	445898	308.29	ug/l	99
52) Toluene	10.39	92	273506	51.95	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	147379	54.71	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	164778	53.50	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	88737	54.29	ug/l	95
56) Ethyl methacrylate	10.65	69	118623	58.70	ug/l	99
57) 1,3-Dichloropropane	10.94	76	152491	54.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	280451	285.94	ug/l	99
59) 2-Hexanone	10.98	43	312610	315.98	ug/l	99
60) Dibromochloromethane	11.13	129	107294	55.61	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89551	56.04	ug/l	99
64) Tetrachloroethene	10.87	164	118335	52.11	ug/l	99
65) Chlorobenzene	11.66	112	308998	51.24	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	112330	52.27	ug/l	99
67) Ethyl Benzene	11.74	91	537667	51.88	ug/l	100
68) m/p-Xylenes	11.85	106	416928	104.27	ug/l	100
69) o-Xylene	12.18	106	199233	52.39	ug/l	100
70) Styrene	12.19	104	333370	52.80	ug/l	99
71) Bromoform	12.36	173	71204	57.78	ug/l #	99
73) Isopropylbenzene	12.48	105	546045	51.67	ug/l	100
74) N-amyl acetate	12.28	43	151680	57.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	116896	57.22	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	146156	101.30	ug/l #	8
77) Bromobenzene	12.76	156	138129	51.85	ug/l	100
78) n-propylbenzene	12.82	91	654732	52.26	ug/l	99
79) 2-Chlorotoluene	12.90	91	369990	51.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	462317	52.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32210	58.80	ug/l	97
82) 4-Chlorotoluene	13.00	91	394209	51.38	ug/l	99
83) tert-Butylbenzene	13.22	119	399632	52.21	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	483417	52.45	ug/l	100
85) sec-Butylbenzene	13.40	105	572863	52.42	ug/l	100
86) p-Isopropyltoluene	13.51	119	518700	53.08	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	274295	52.01	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	268805	51.06	ug/l	100
89) n-Butylbenzene	13.83	91	484751	53.02	ug/l	100
90) Hexachloroethane	14.10	117	91173	52.18	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	246343	51.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	21115	59.78	ug/l	99

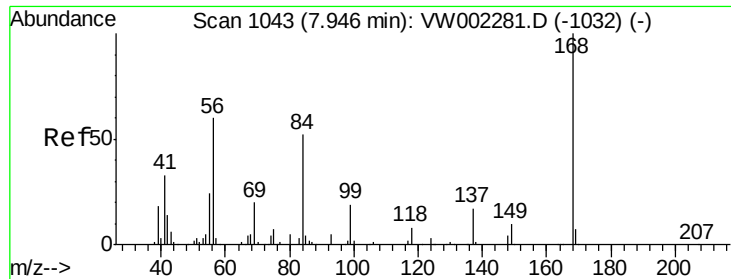
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	176381	51.57	ug/l	100
94) Hexachlorobutadiene	15.26	225	98840	51.87	ug/l	100
95) Naphthalene	15.38	128	359241	57.13	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	161179	52.55	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

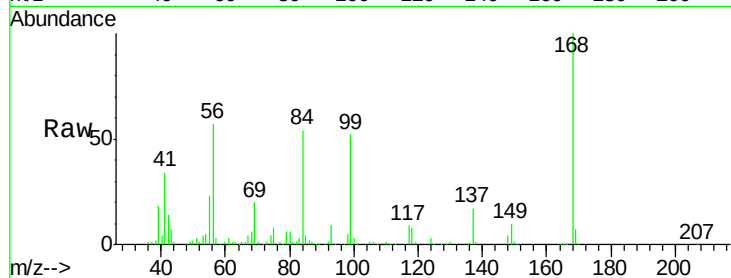
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 211226

Ion Ratio Lower Upper

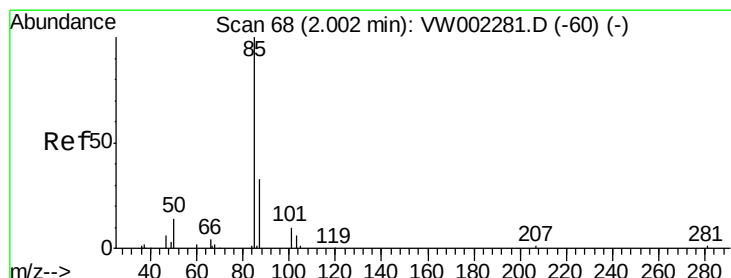
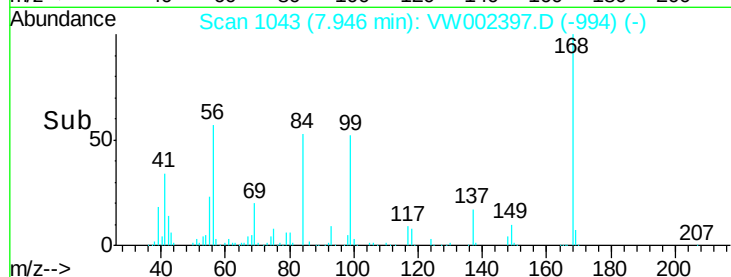
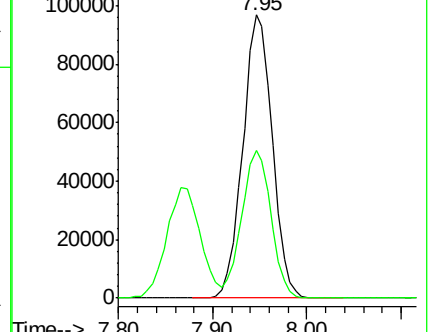
168 100

99 52.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.12 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002397.D

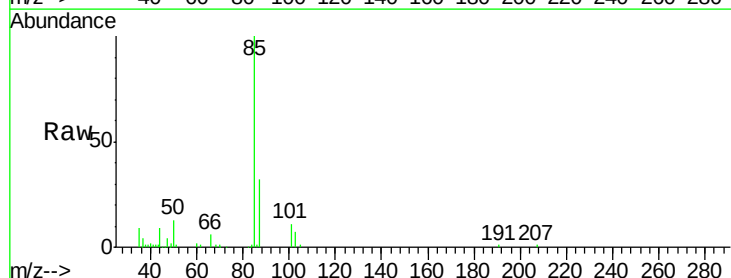
Acq: 10 May 2018 23:33

Tgt Ion: 85 Resp: 43207

Ion Ratio Lower Upper

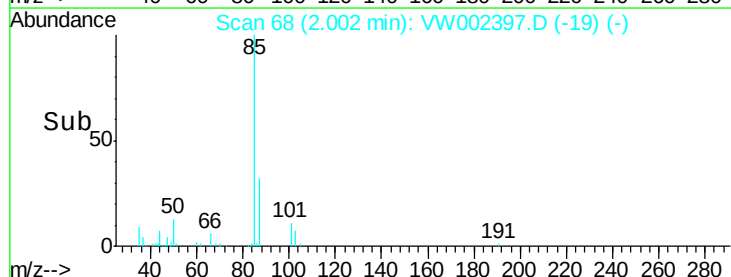
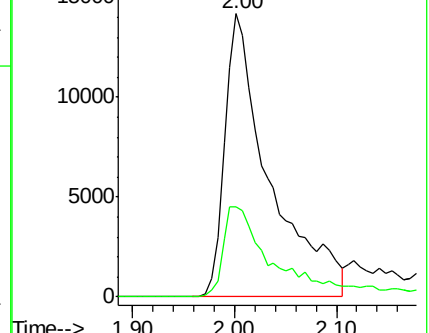
85 100

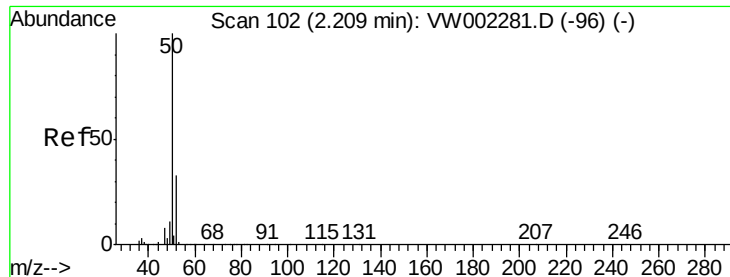
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 50.96 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

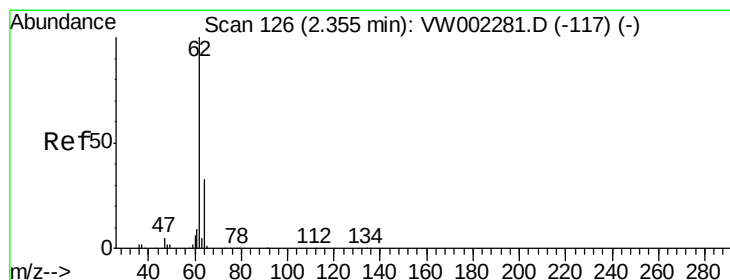
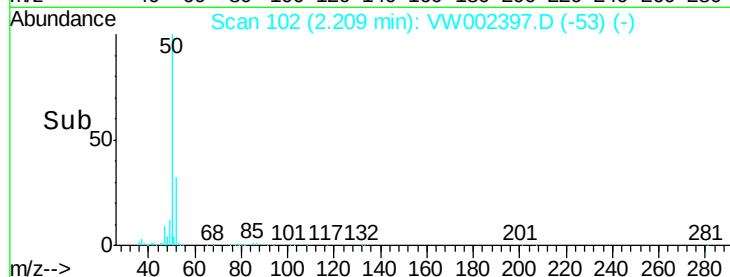
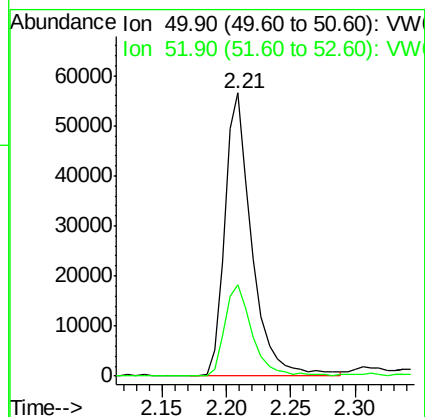
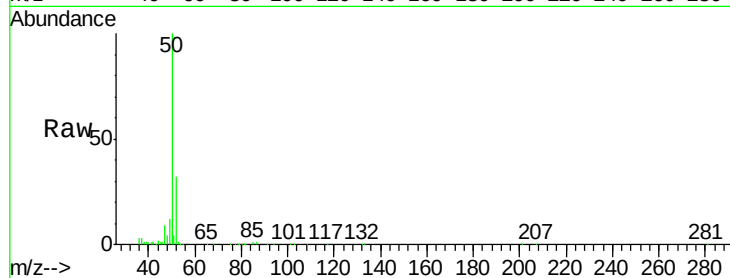
ClientSampled :

Tot Ion: 50 Resp: 82606

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 51.59 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002397.D

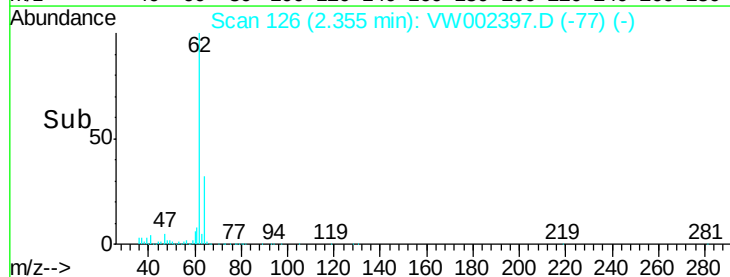
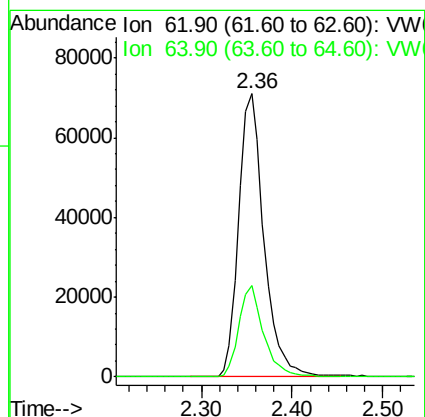
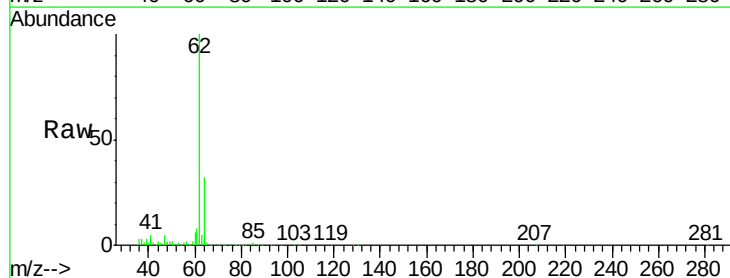
Acq: 10 May 2018 23:33

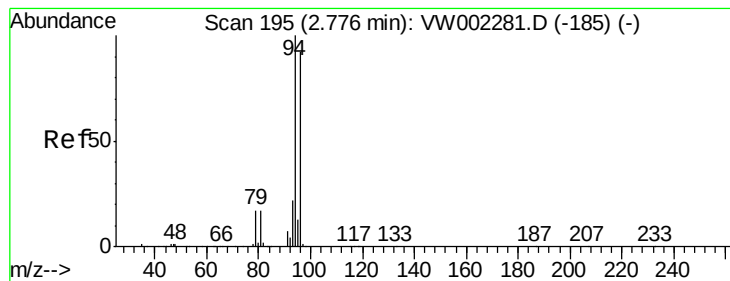
Tgt Ion: 62 Resp: 137948

Ion Ratio Lower Upper

62 100

64 32.4 26.1 39.1





#5

Bromomethane

Concen: 50.16 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

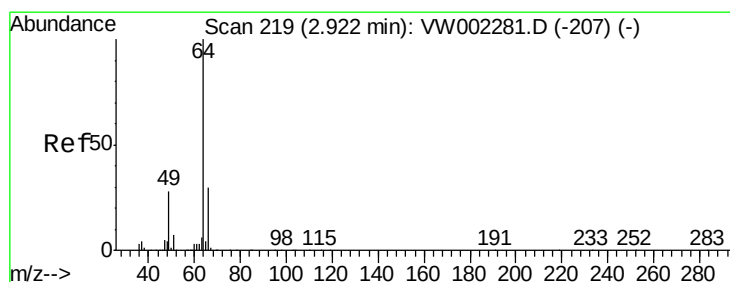
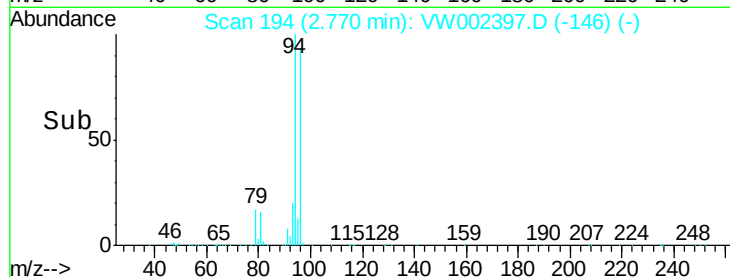
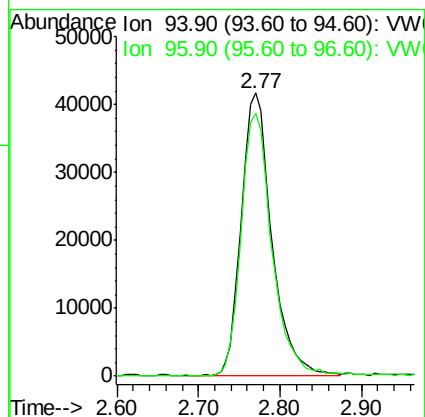
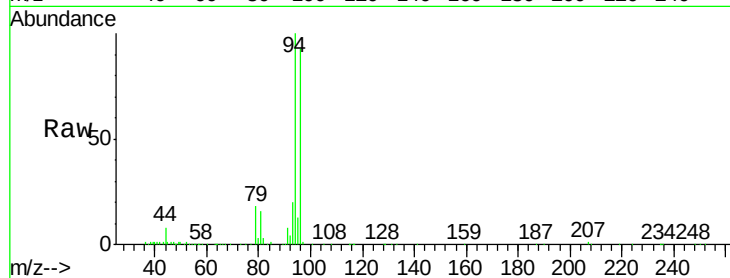
ClientSampleId :

Tot Ion: 94 Resp: 107855

Ion Ratio Lower Upper

94 100

96 92.9 73.6 110.4



#6

Chloroethane

Concen: 51.60 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW002397.D

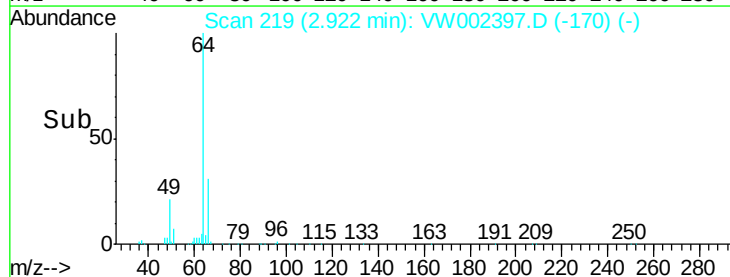
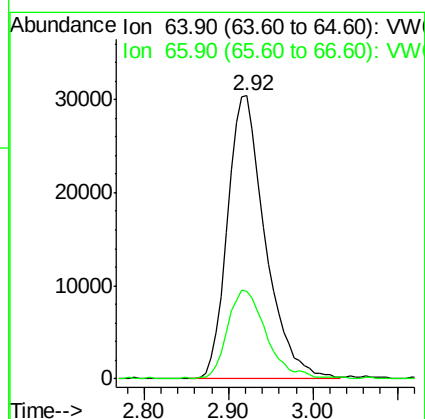
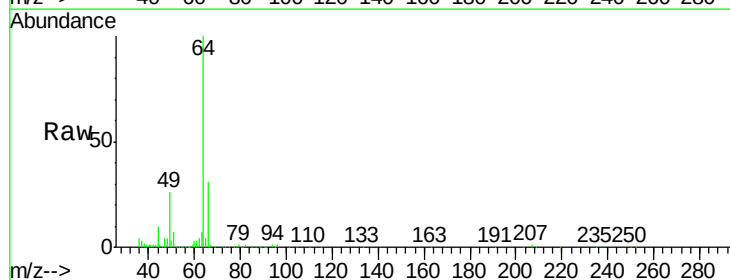
Acq: 10 May 2018 23:33

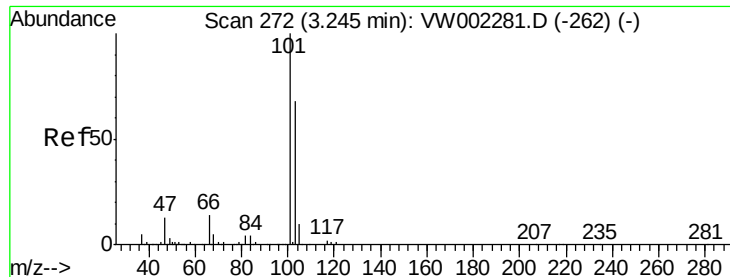
Tgt Ion: 64 Resp: 93096

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6



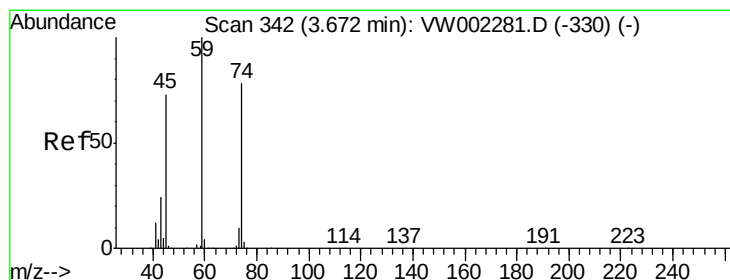
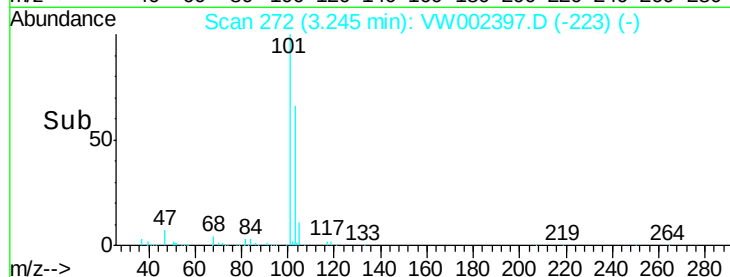
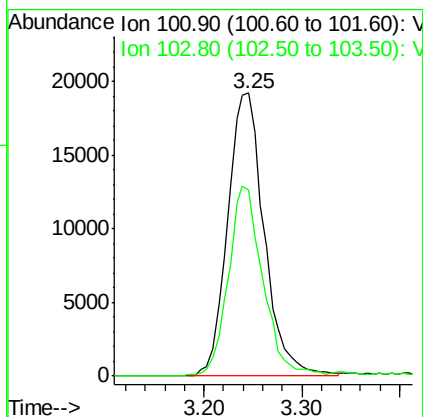
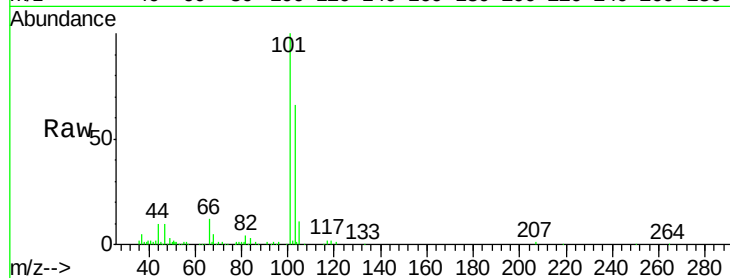


#7

Trichlorofluoromethane
 Concen: 45.61 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Instrument :
 MSVOA_W
 ClientSampleId :

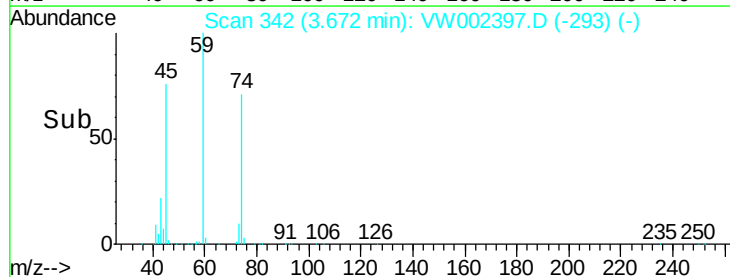
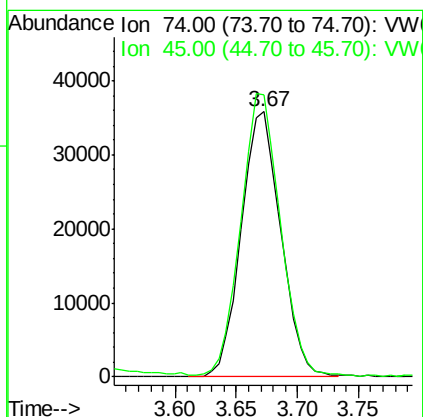
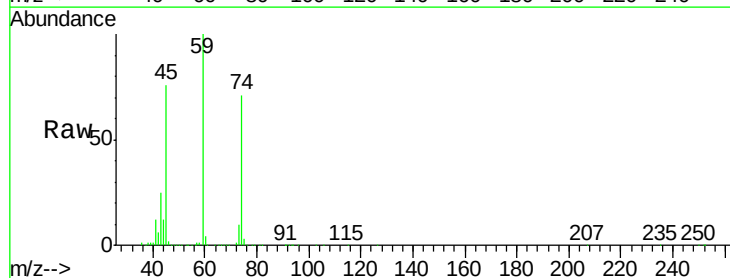
Tot Ion:101 Resp: 49799
 Ion Ratio Lower Upper
 101 100
 103 65.3 54.6 82.0

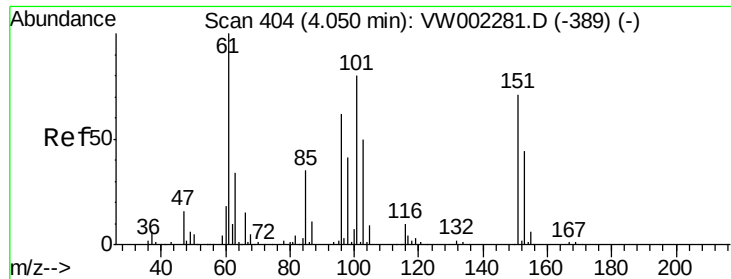


#8

Diethyl Ether
 Concen: 66.07 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion: 74 Resp: 80755
 Ion Ratio Lower Upper
 74 100
 45 106.3 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.85 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

ClientSampleId :

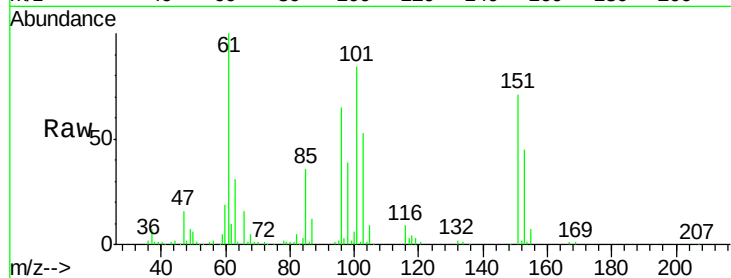
Tot Ion:101 Resp: 96127

Ion Ratio Lower Upper

101 100

85 44.2 35.9 53.9

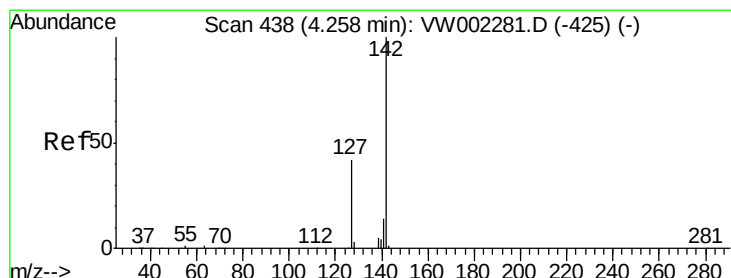
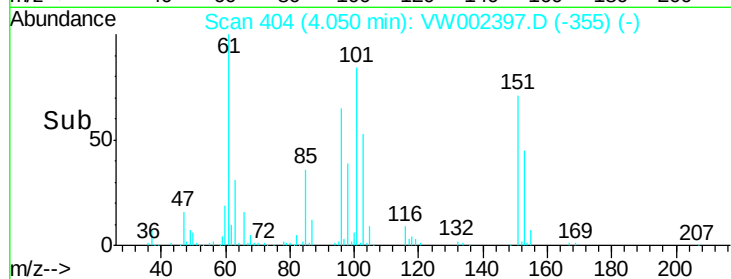
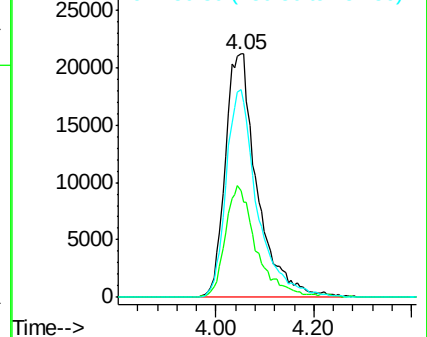
151 83.1 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.26 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

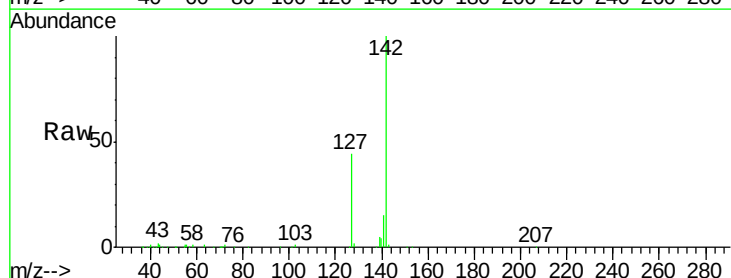
Tgt Ion:142 Resp: 154143

Ion Ratio Lower Upper

142 100

127 44.6 34.7 52.1

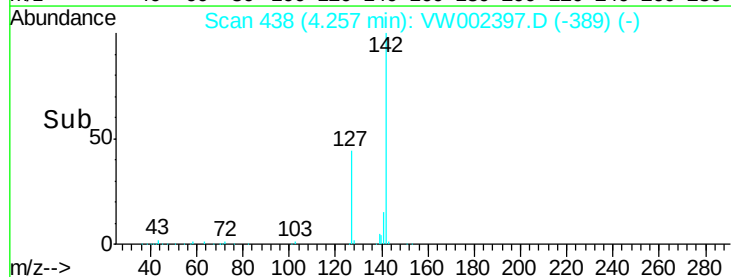
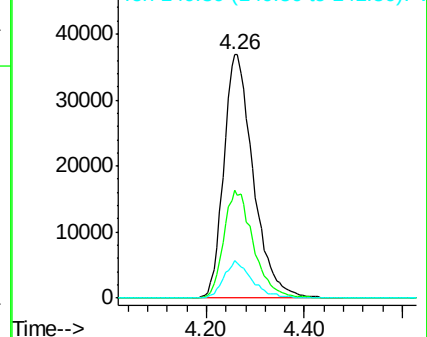
141 14.5 11.9 17.9

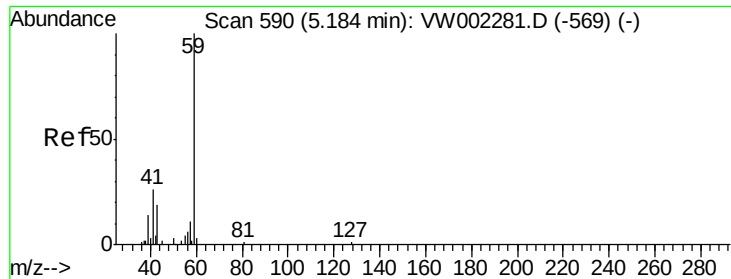


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



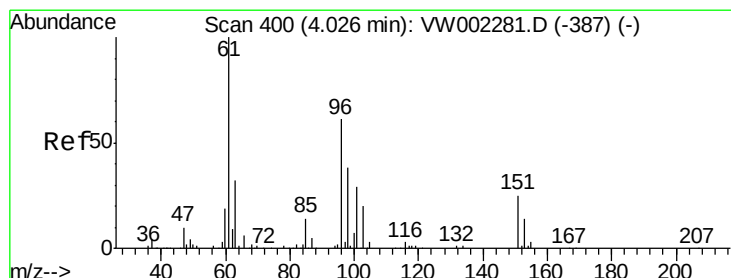
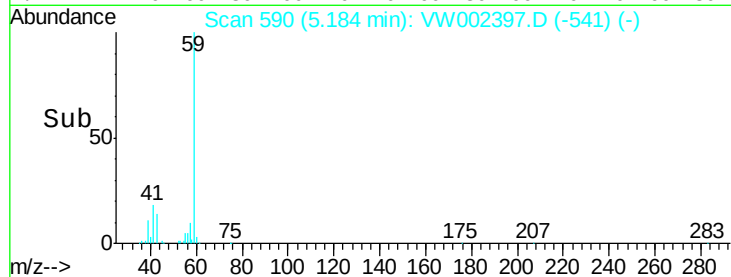
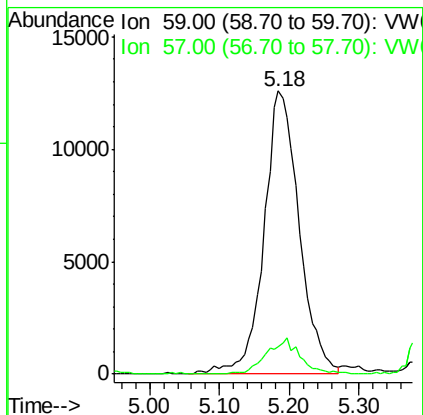
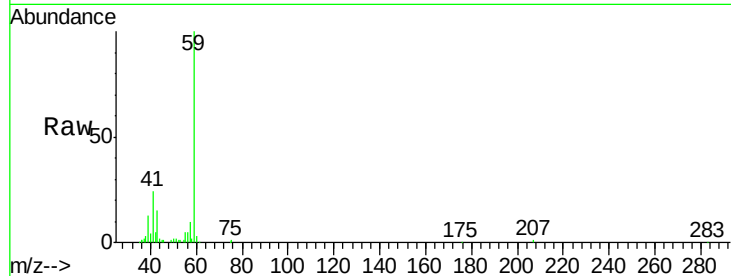


#11

Tert butyl alcohol
 Concen: 271.49 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Instrument :
 MSVOA_W
 ClientSampled :

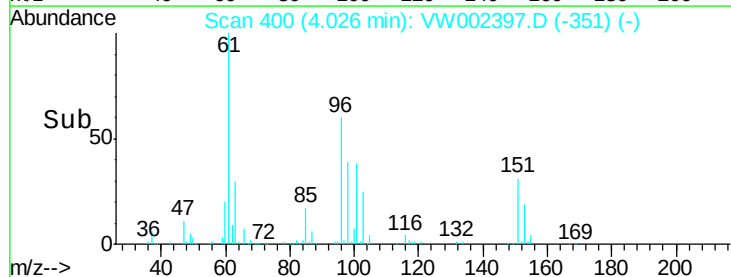
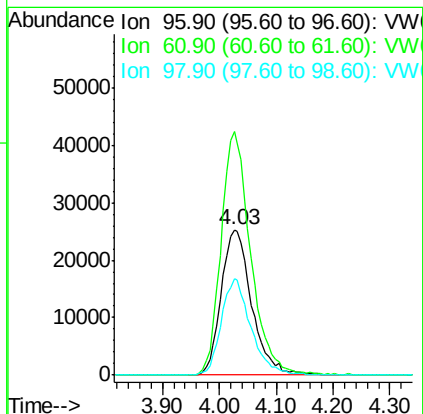
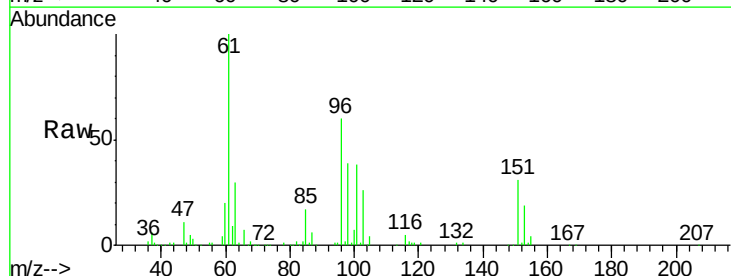
Tot Ion: 59 Resp: 44264
 Ion Ratio Lower Upper
 59 100
 57 12.1 3.9 5.9#

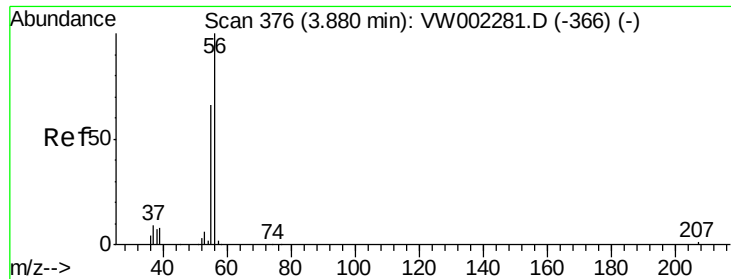


#12

1,1-Dichloroethene
 Concen: 49.52 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion: 96 Resp: 94679
 Ion Ratio Lower Upper
 96 100
 61 167.3 130.6 196.0
 98 65.9 49.0 73.4





#13

Acrolein

Concen: 307.51 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

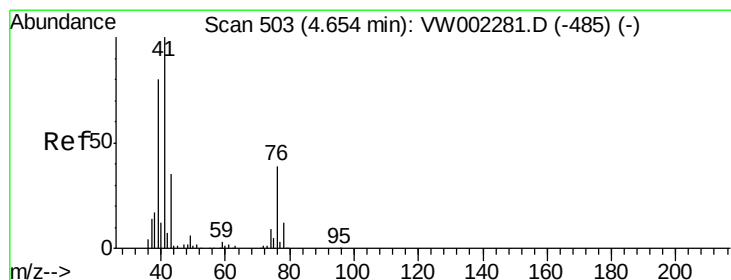
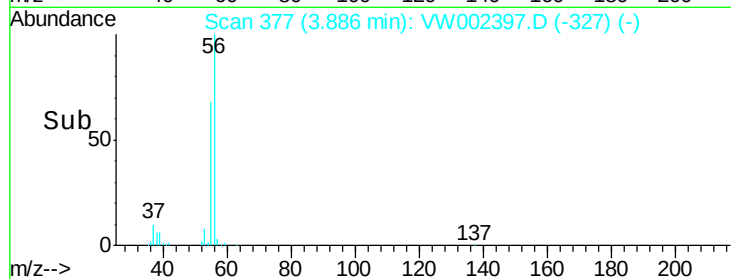
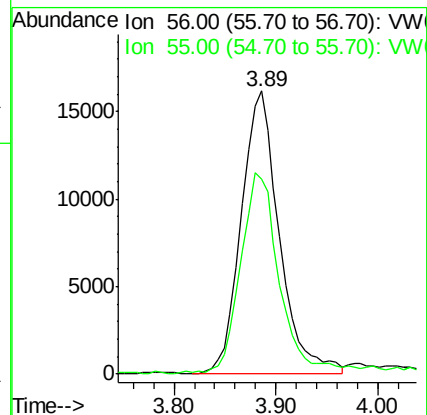
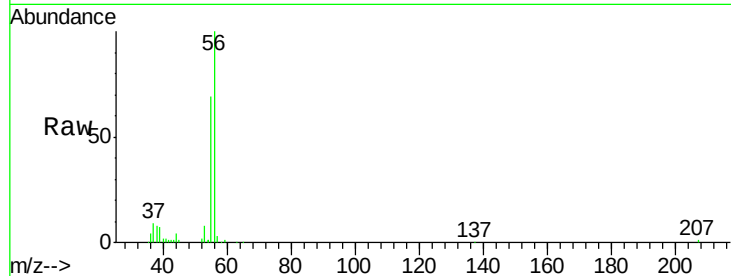
ClientSampleId :

Tot Ion: 56 Resp: 41976

Ion Ratio Lower Upper

56 100

55 70.2 57.3 85.9



#14

Allyl chloride

Concen: 45.05 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

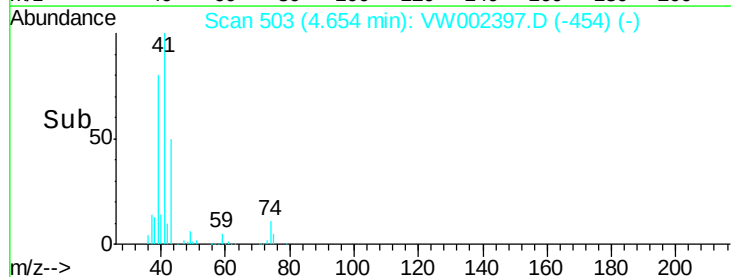
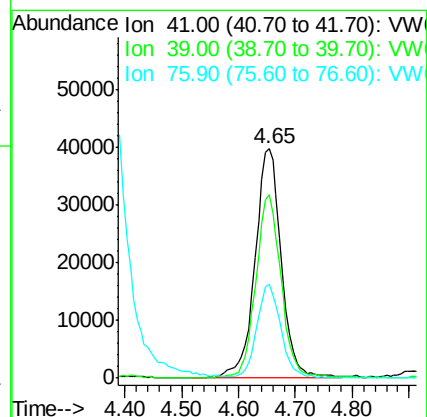
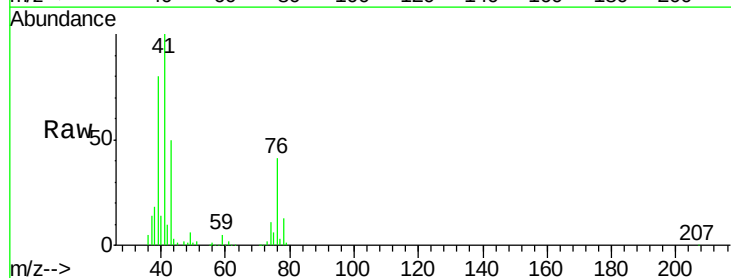
Tgt Ion: 41 Resp: 126581

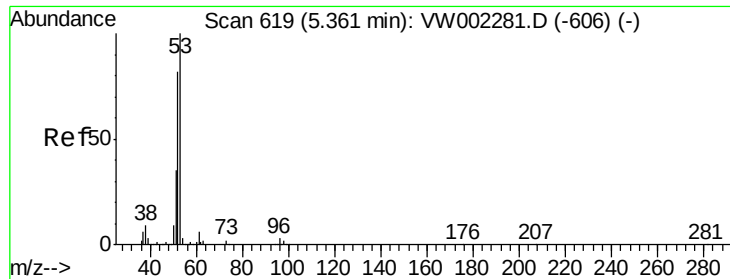
Ion Ratio Lower Upper

41 100

39 77.8 61.7 92.5

76 37.9 29.8 44.6





#15

Acrylonitrile

Concen: 276.66 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.01 min

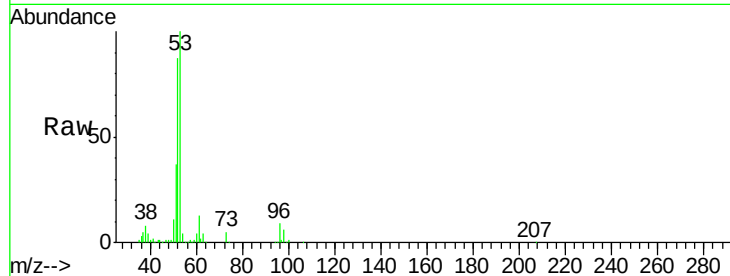
Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 53 Resp: 132639

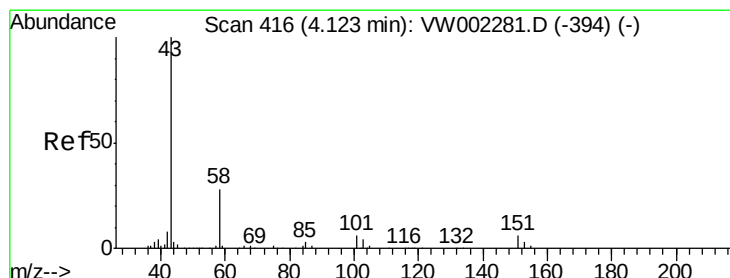
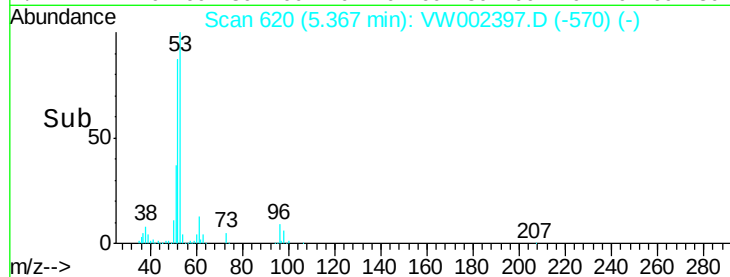
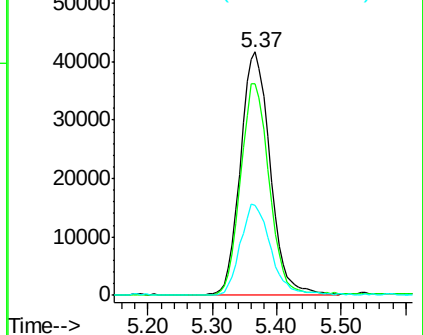
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.9	101.9
51	38.6	30.0	45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 276.60 ug/l

RT: 4.12 min Scan# 415

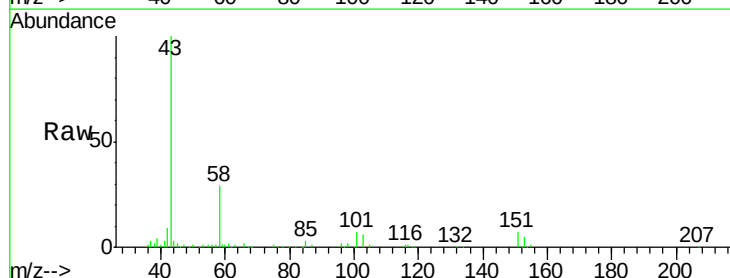
Delta R.T. -0.01 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

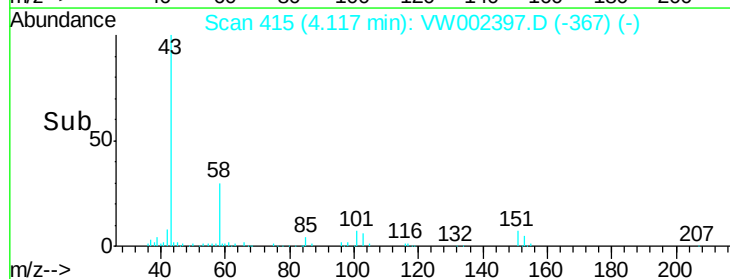
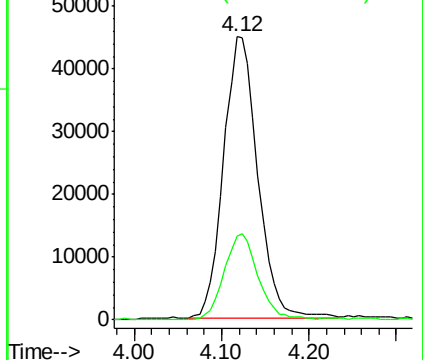
Tgt Ion: 43 Resp: 121170

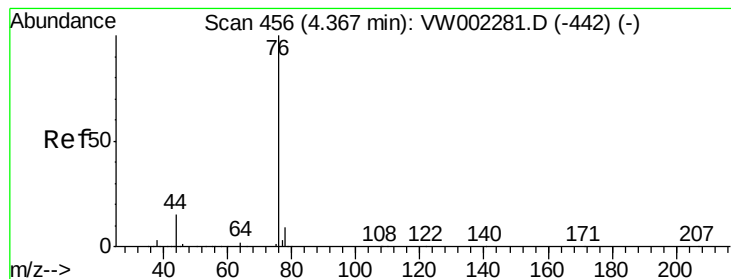
Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.2	33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 46.46 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

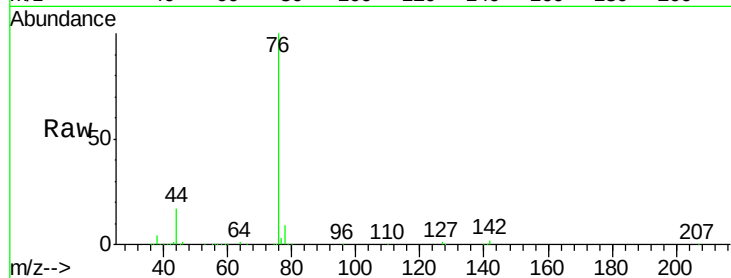
ClientSampleId :

Tot Ion: 76 Resp: 258286

Ion Ratio Lower Upper

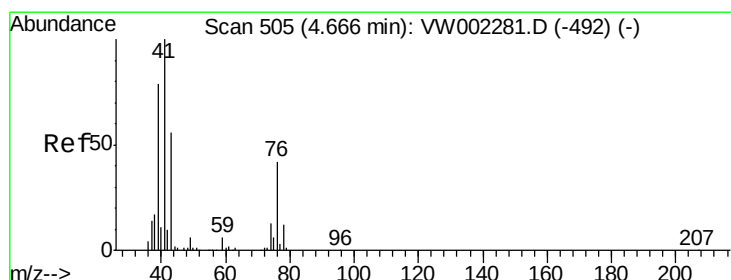
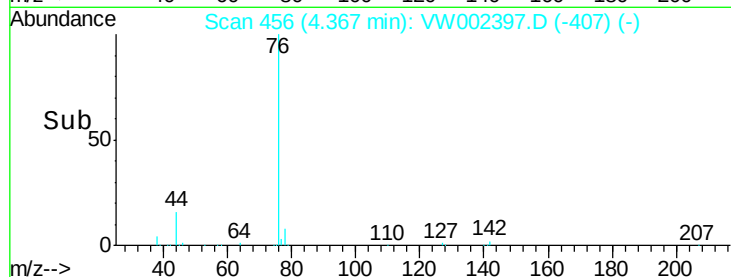
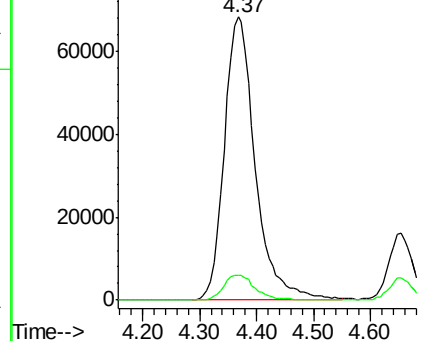
76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 58.94 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002397.D

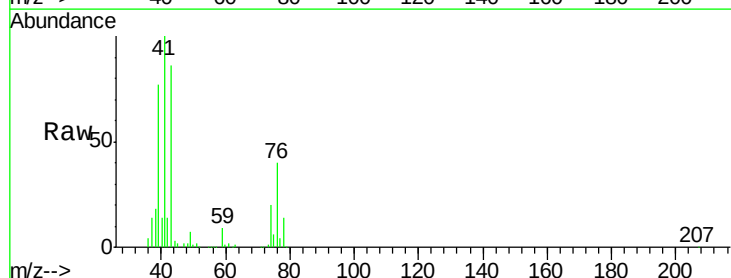
Acq: 10 May 2018 23:33

Tgt Ion: 43 Resp: 77468

Ion Ratio Lower Upper

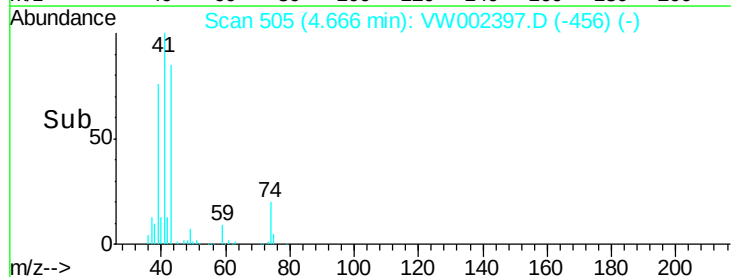
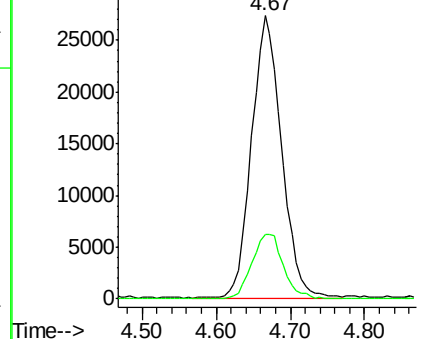
43 100

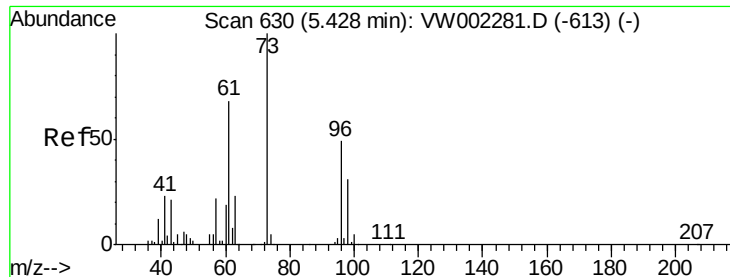
74 24.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

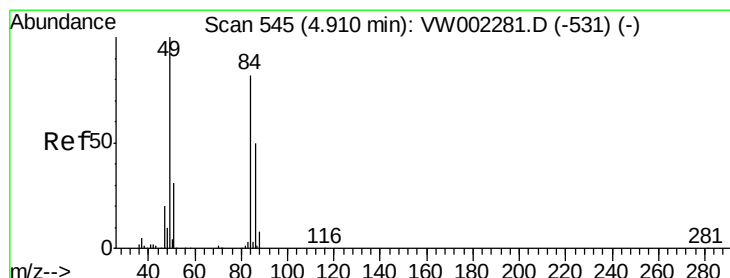
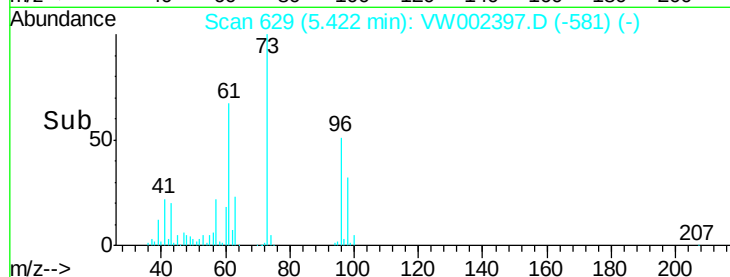
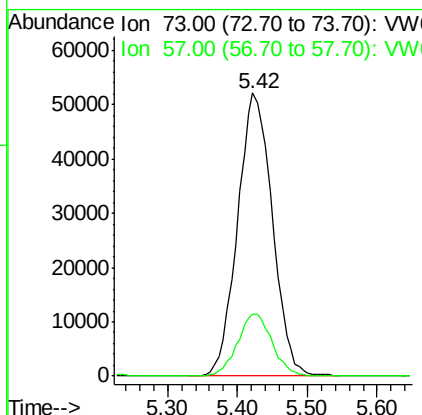
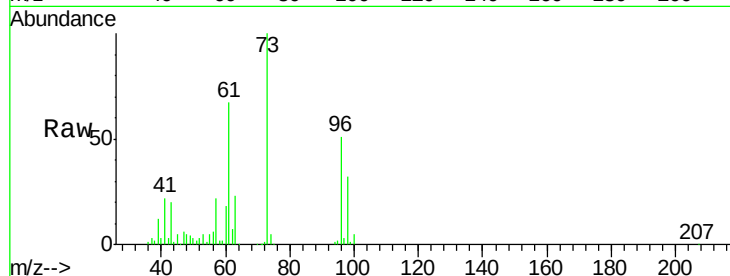




#19
Methyl tert-butyl Ether
Concen: 53.81 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

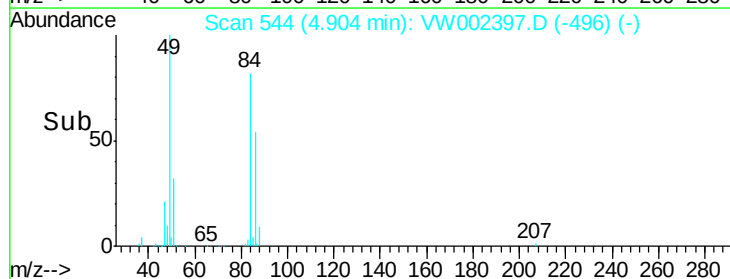
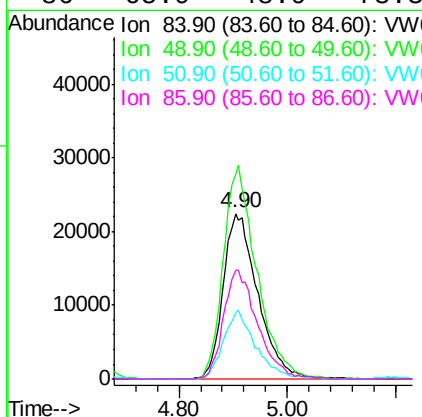
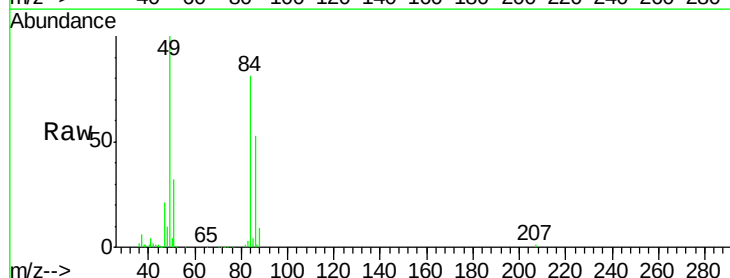
Instrument :
MSVOA_W
ClientSampled :

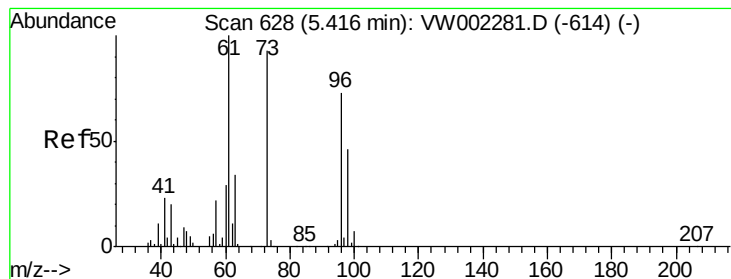
Tot Ion: 73 Resp: 179880
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 47.07 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 84 Resp: 99420
Ion Ratio Lower Upper
84 100
49 123.8 97.7 146.5
51 39.9 30.2 45.4
86 65.9 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 49.43 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

ClientSampled :

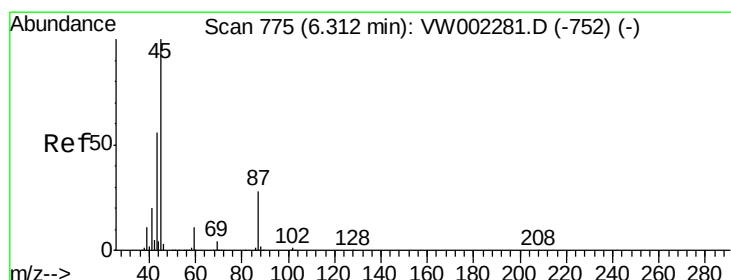
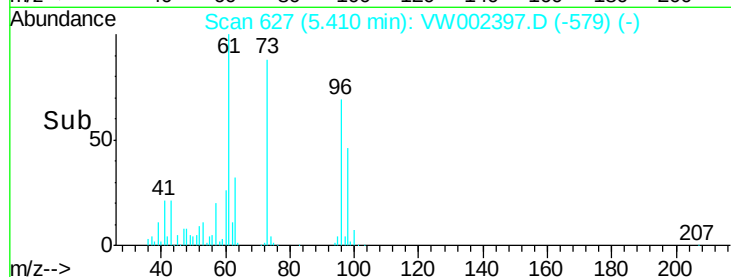
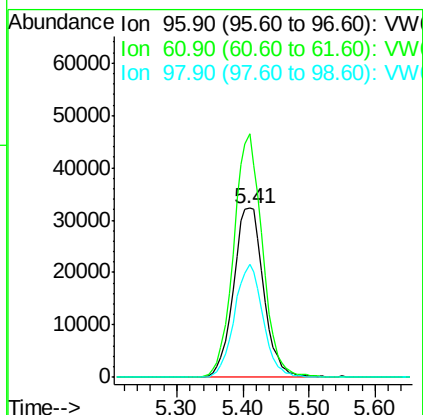
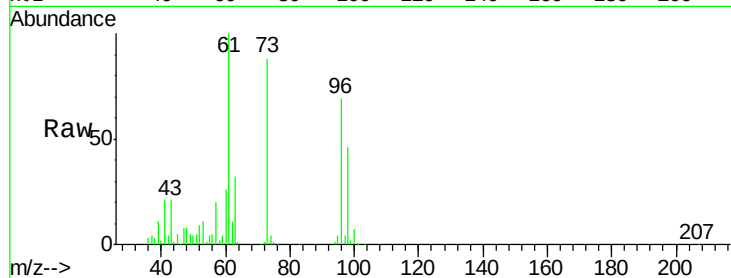
Tot Ion: 96 Resp: 102022

Ion Ratio Lower Upper

96 100

61 144.1 109.5 164.3

98 66.6 50.2 75.4



#22

Diisopropyl ether

Concen: 49.89 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Tgt Ion: 45 Resp: 307237

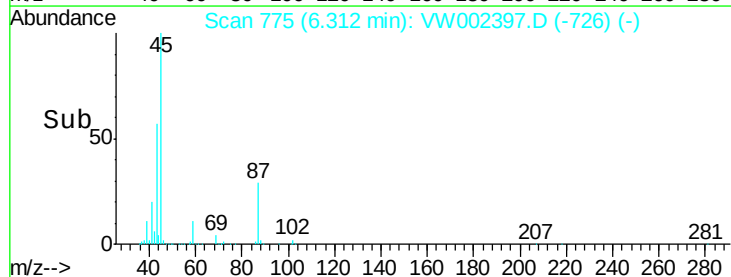
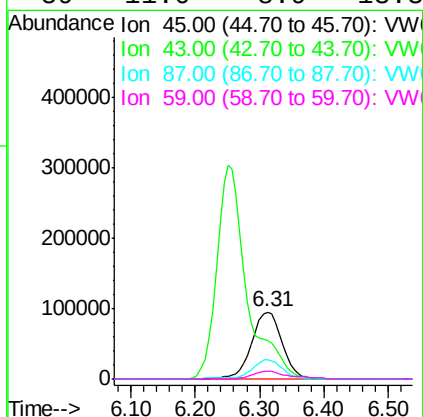
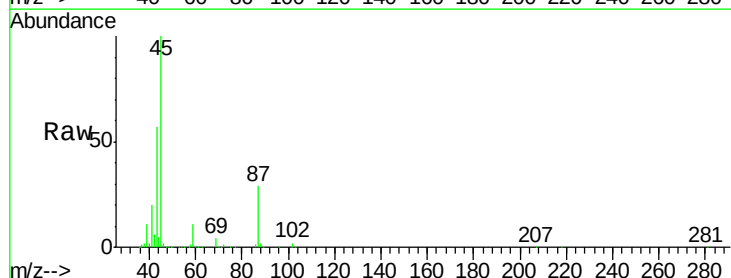
Ion Ratio Lower Upper

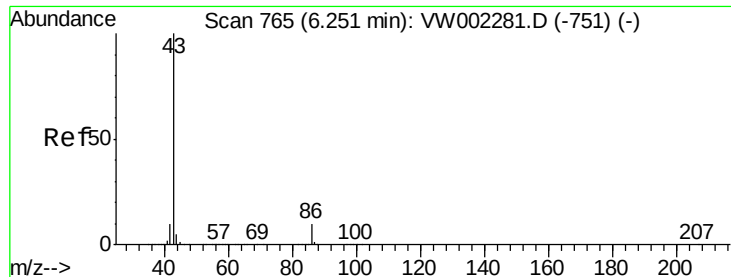
45 100

43 56.3 44.5 66.7

87 28.7 22.2 33.4

59 11.0 8.9 13.3





#23

Vinyl Acetate

Concen: 268.75 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

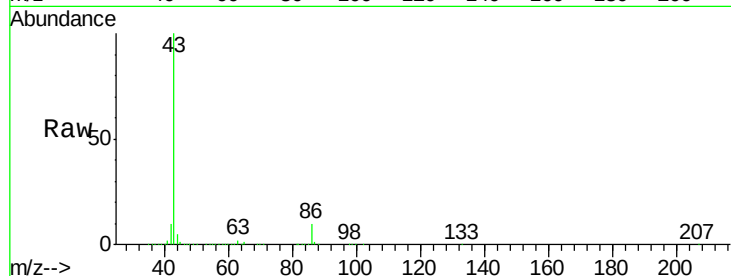
ClientSampleId :

Tot Ion: 43 Resp: 991162

Ion Ratio Lower Upper

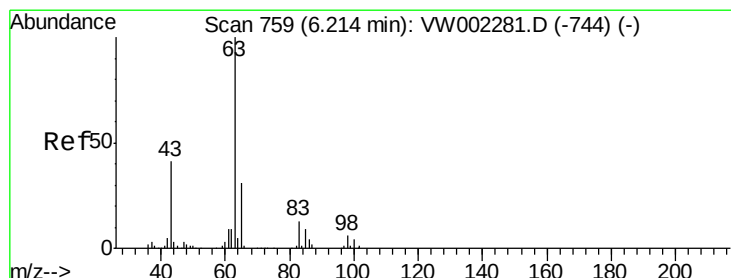
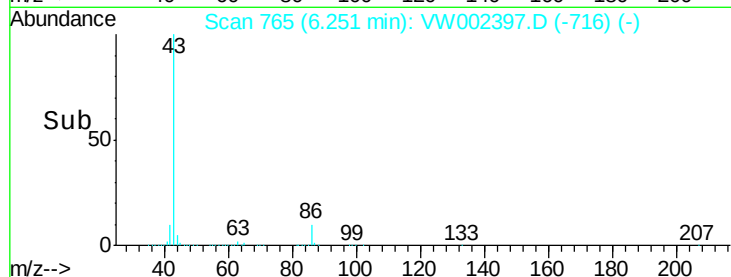
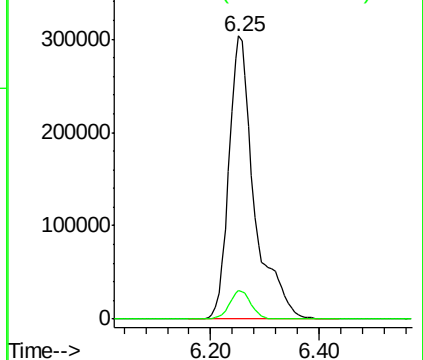
43 100

86 10.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.56 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

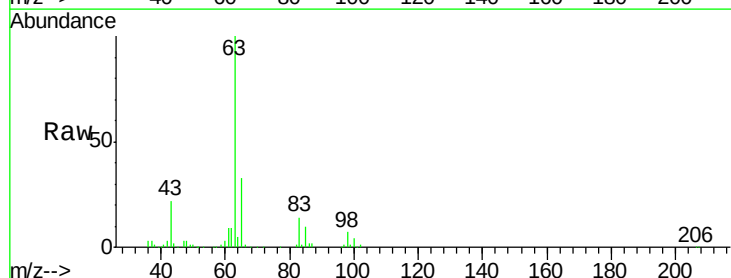
Tgt Ion: 63 Resp: 185049

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.7

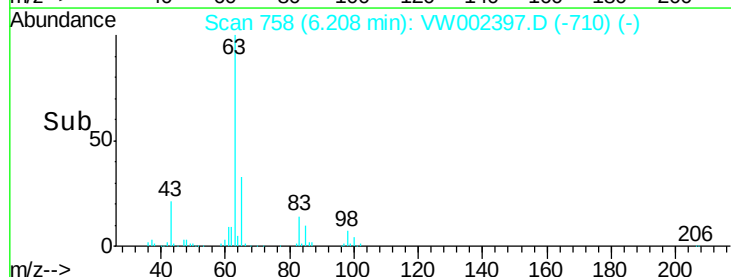
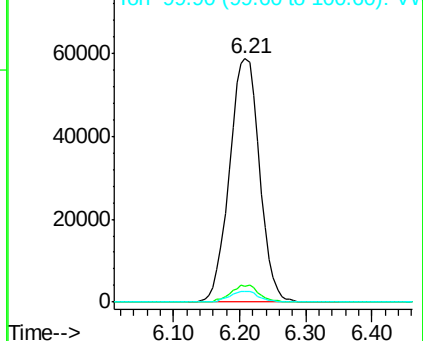
100 4.4 2.0 6.0

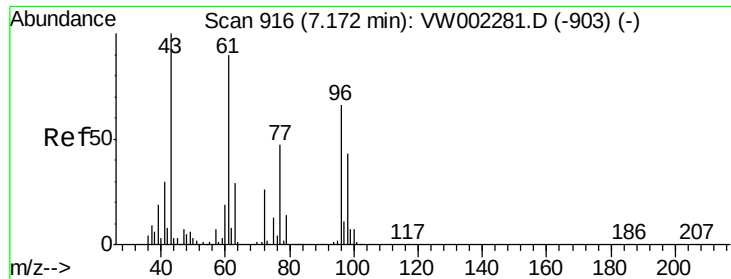


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

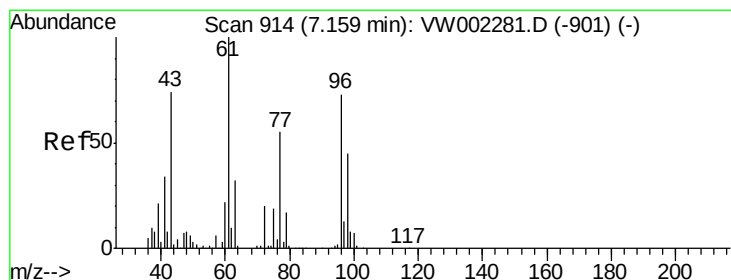
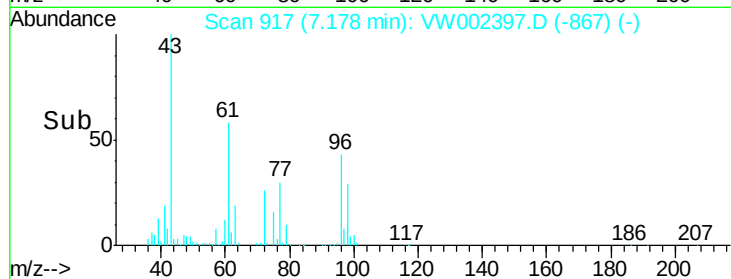
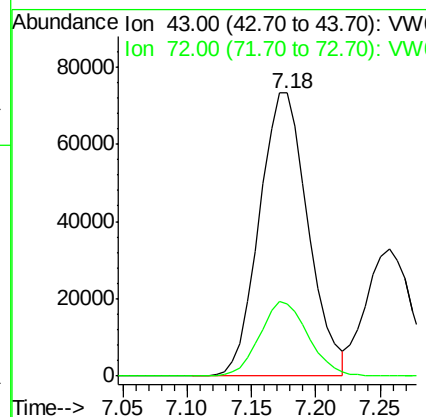
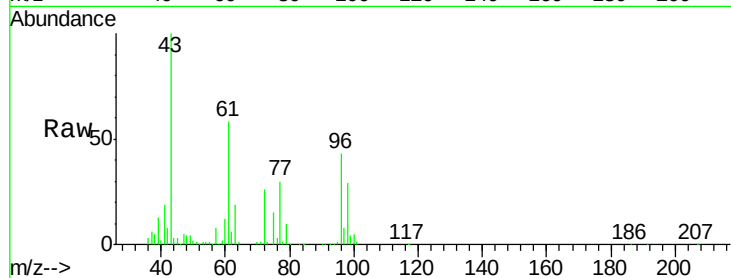




#25
2-Butanone
Concen: 294.62 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

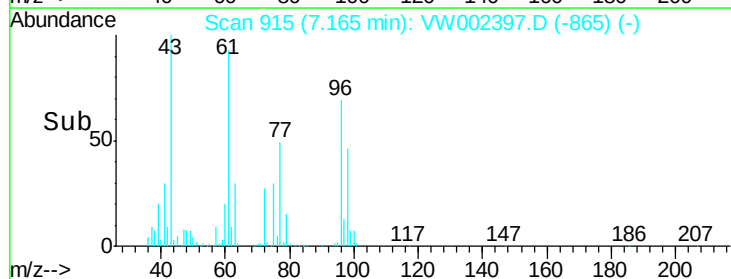
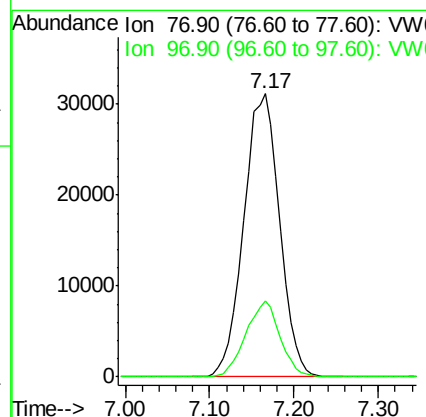
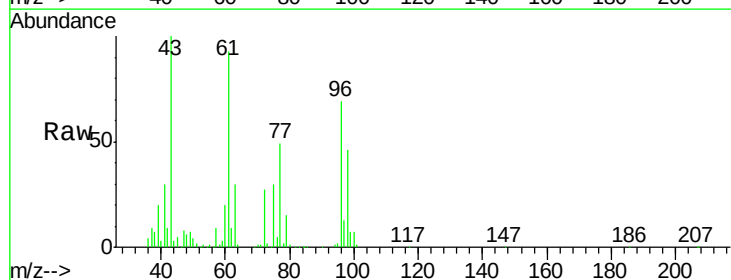
Instrument :
MSVOA_W
ClientSampleId :

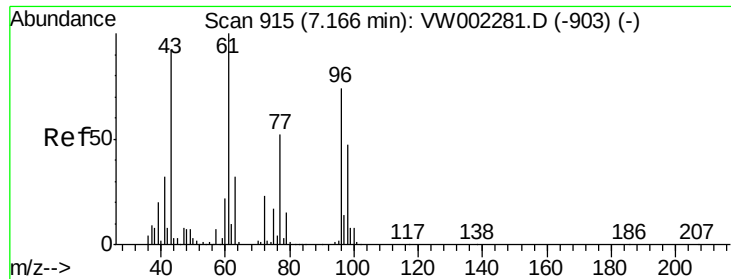
Tot Ion: 43 Resp: 191639
Ion Ratio Lower Upper
43 100
72 25.5 20.6 31.0



#26
2,2-Dichloropropane
Concen: 47.97 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 77 Resp: 89291
Ion Ratio Lower Upper
77 100
97 25.5 12.7 38.0



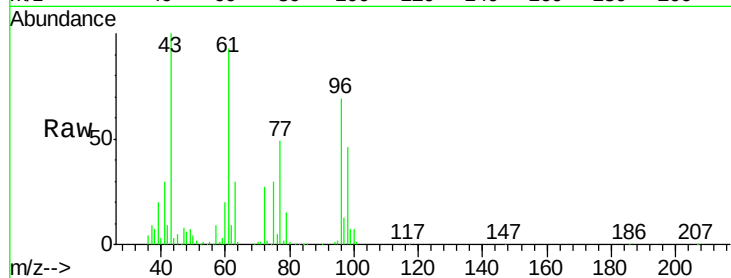


#27

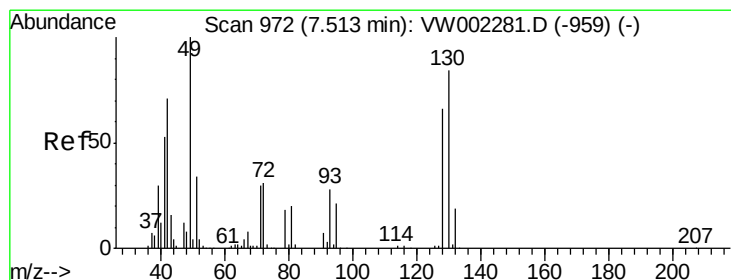
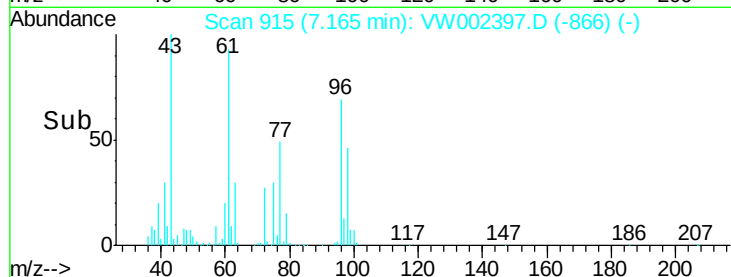
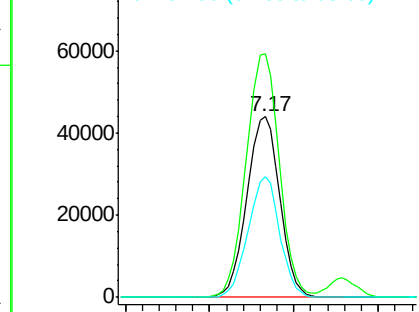
cis-1,2-Dichloroethene
 Concen: 50.14 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 96 Resp: 116648
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 274.8
 98 63.8 0.0 128.4



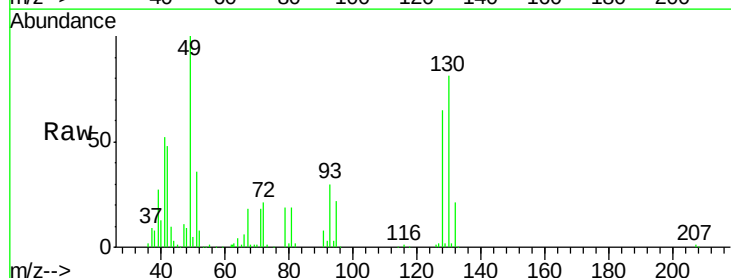
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



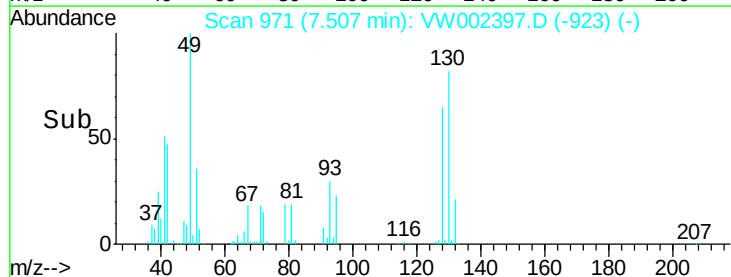
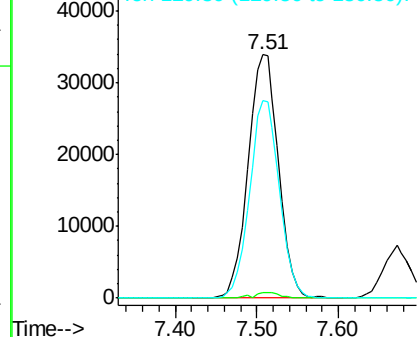
#28

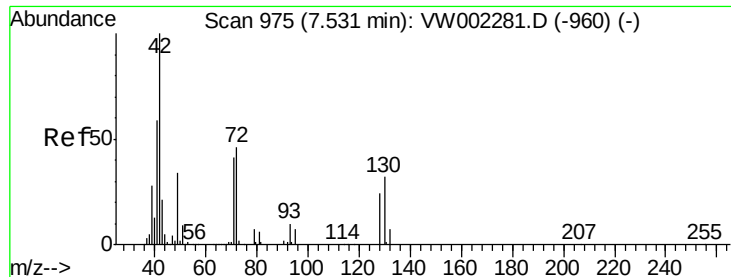
Bromochloromethane
 Concen: 51.94 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion: 49 Resp: 87728
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 2.4
 130 79.7 65.5 98.3



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

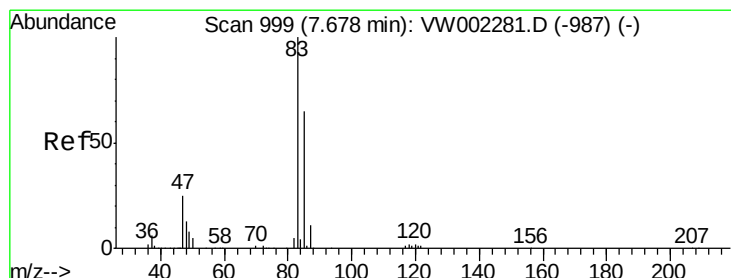
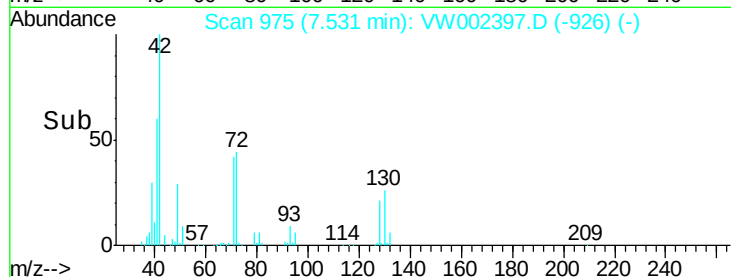
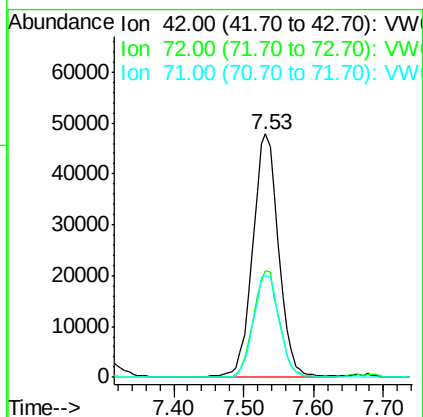
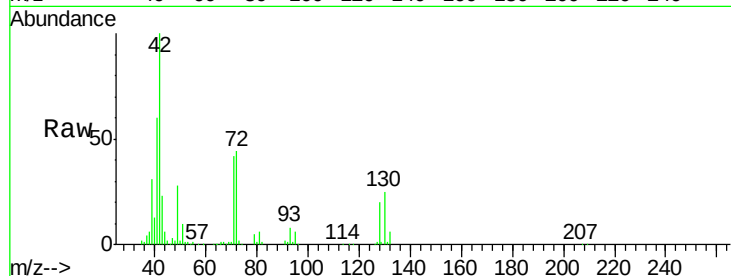




#29
Tetrahydrofuran
Concen: 289.29 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

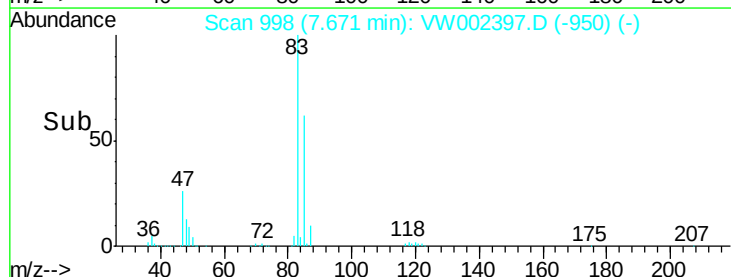
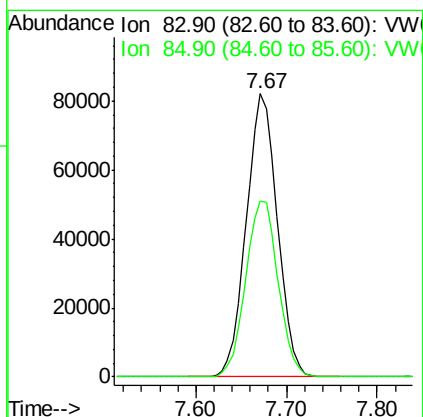
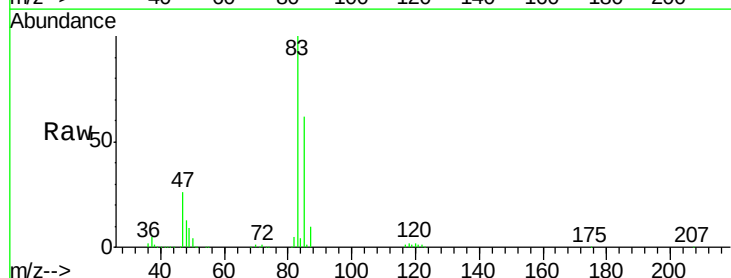
Instrument :
MSVOA_W
ClientSampled :

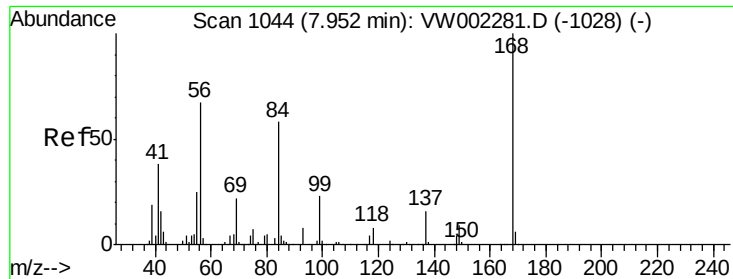
Tot Ion: 42 Resp: 123413
Ion Ratio Lower Upper
42 100
72 43.4 34.5 51.7
71 42.2 33.0 49.6



#30
Chloroform
Concen: 49.83 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 83 Resp: 194820
Ion Ratio Lower Upper
83 100
85 62.2 51.8 77.6

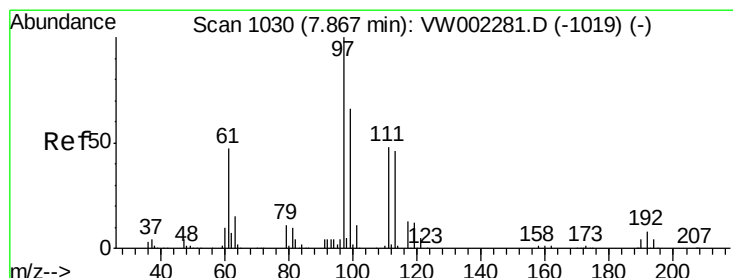
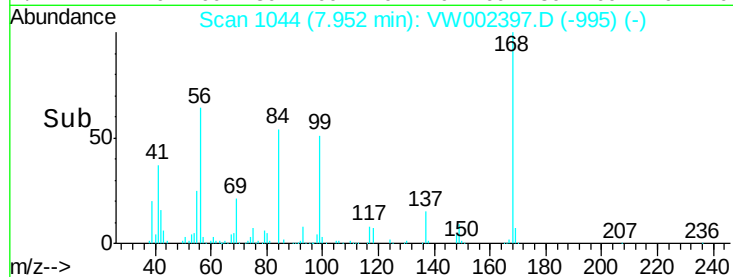
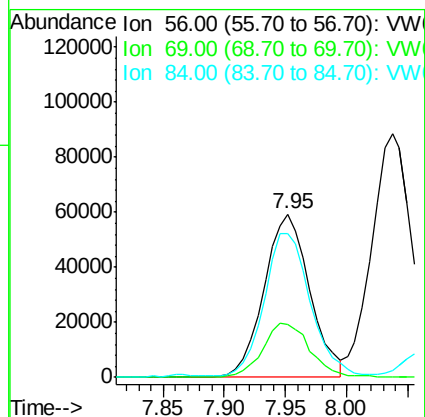
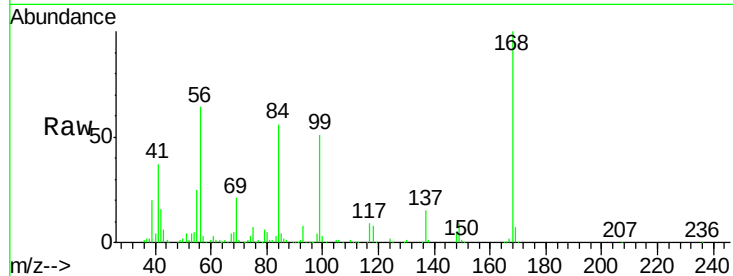




#31
Cyclohexane
Concen: 46.32 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

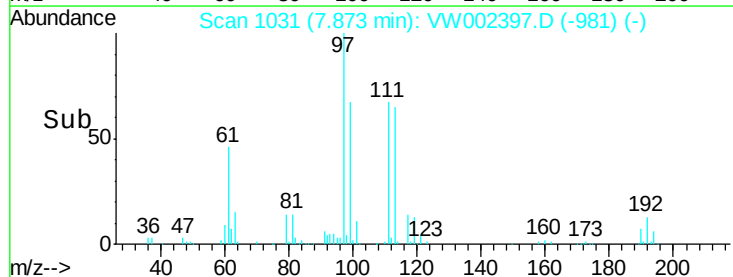
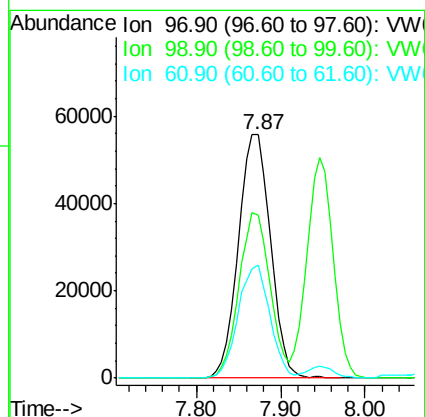
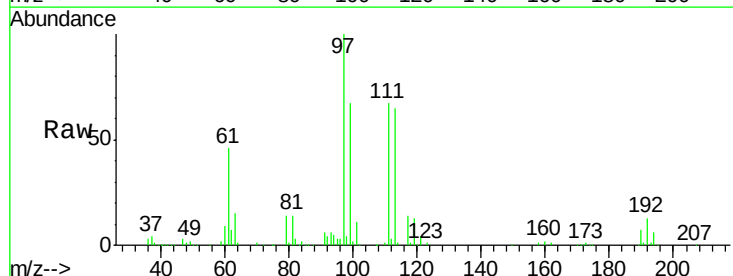
Instrument :
MSVOA_W
ClientSampled :

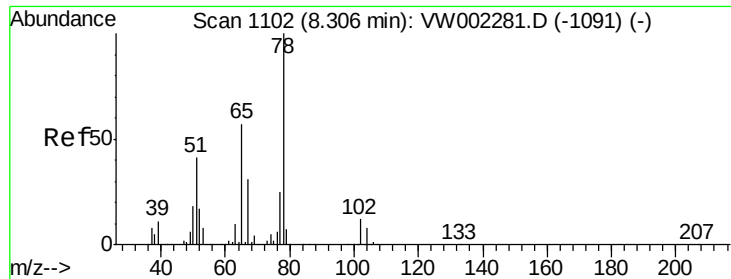
Tot Ion: 56 Resp: 154402
Ion Ratio Lower Upper
56 100
69 32.3 26.2 39.4
84 86.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 48.92 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 97 Resp: 143747
Ion Ratio Lower Upper
97 100
99 65.8 52.6 79.0
61 45.4 35.6 53.4

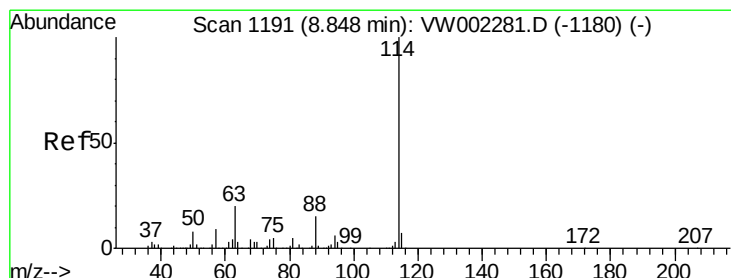
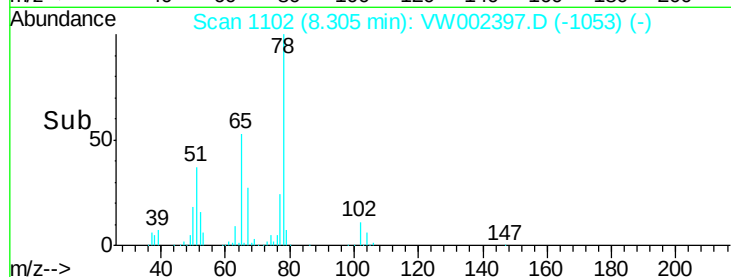
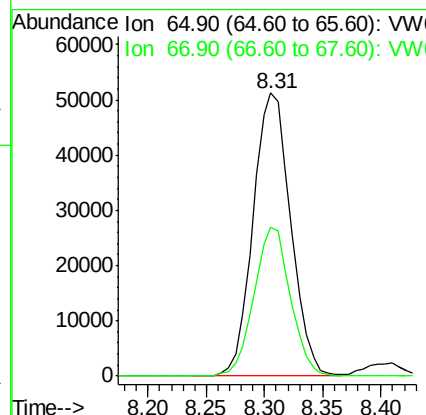
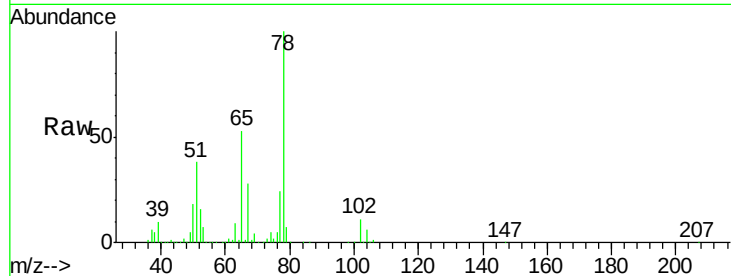




#33
 1,2-Dichloroethane-d4
 Concen: 51.24 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

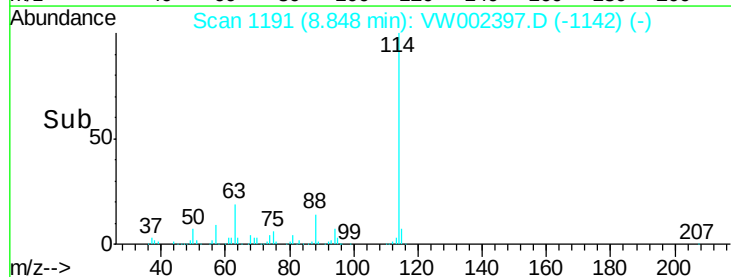
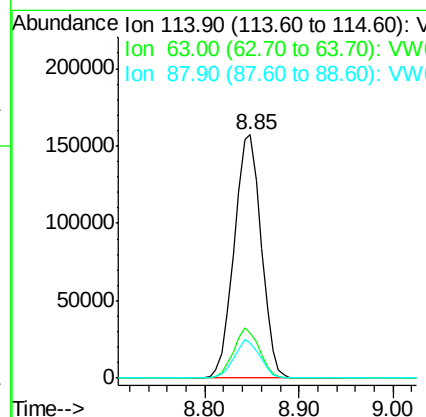
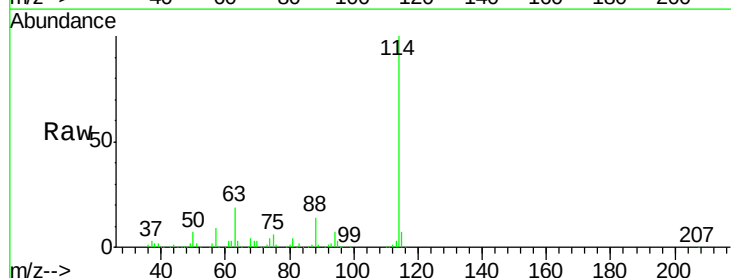
Instrument :
 MSVOA_W
 ClientSampleId :

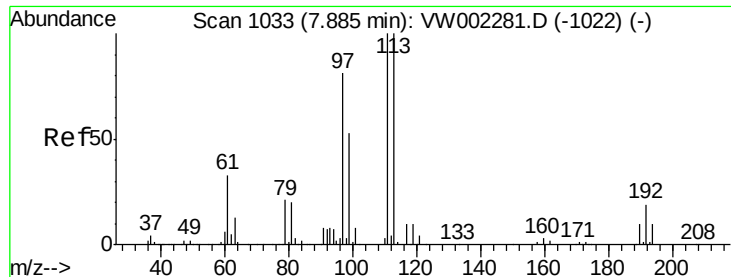
Tot Ion: 65 Resp: 114939
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion: 114 Resp: 313568
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 14.1 0.0 29.6

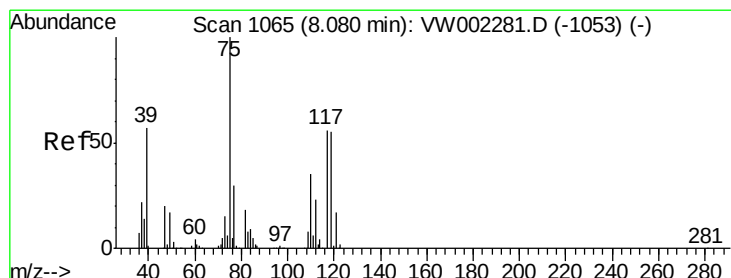
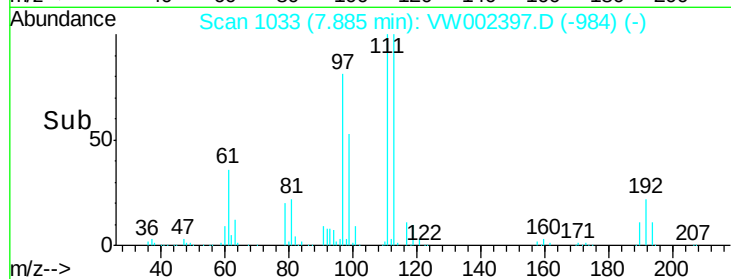
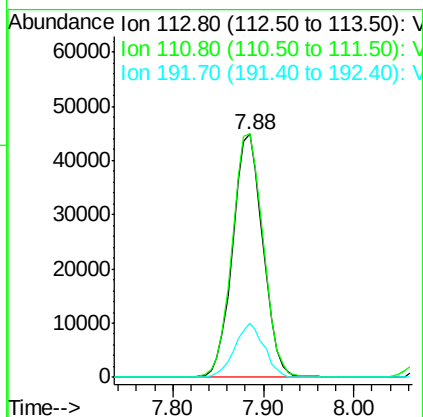
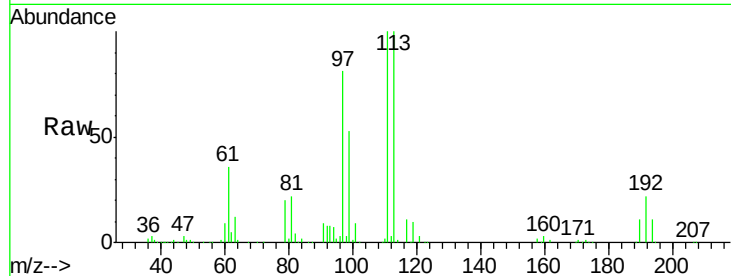




#35
 Dibromofluoromethane
 Concen: 51.93 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

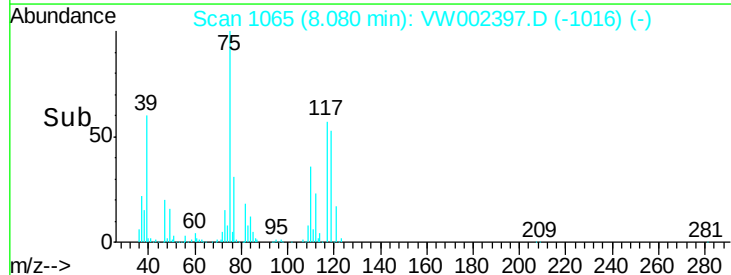
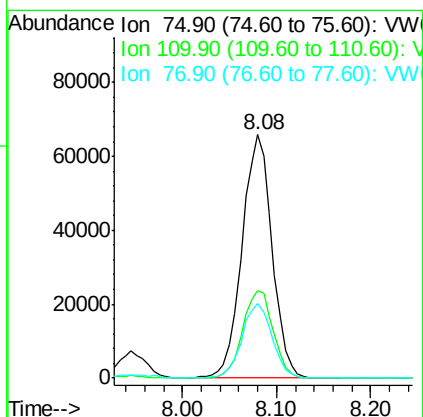
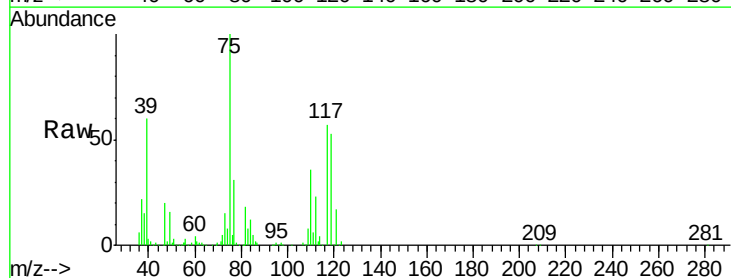
Instrument :
 MSVOA_W
 ClientSampleId :

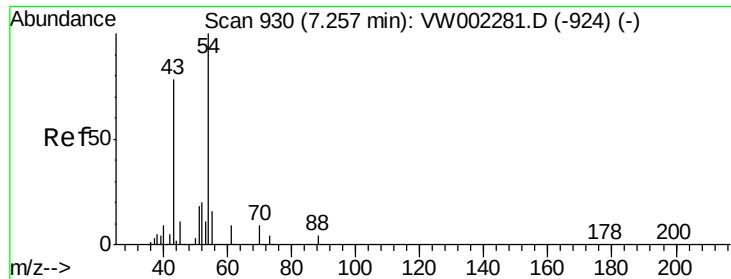
Tot Ion:113 Resp: 104362
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 21.6 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 51.49 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion: 75 Resp: 146014
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.1
 77 31.1 24.5 36.7

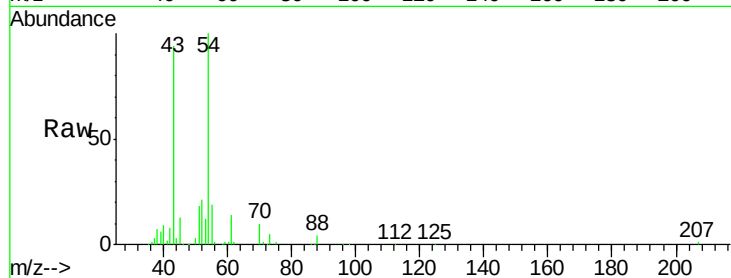




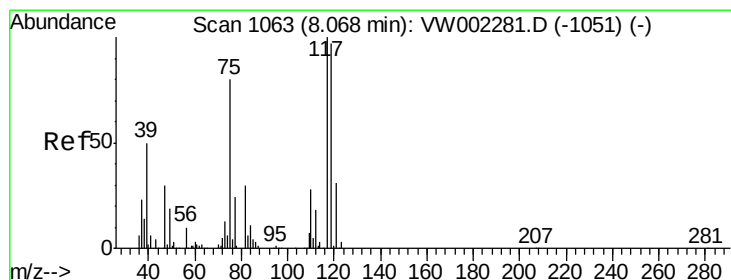
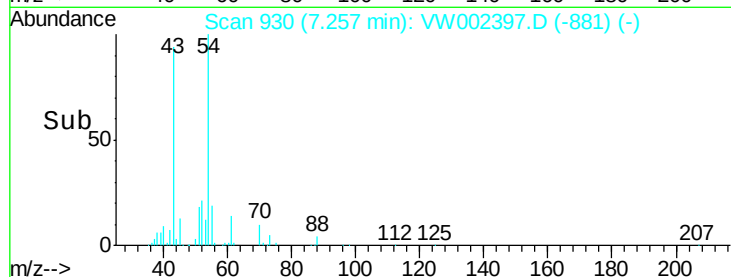
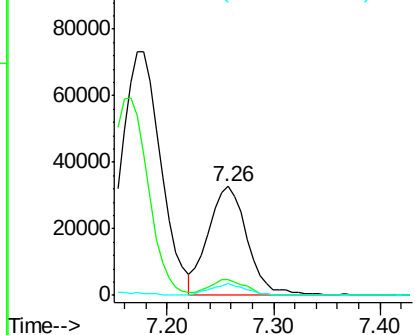
#37
Ethyl Acetate
Concen: 59.71 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 82517
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 9.9 7.9 11.9

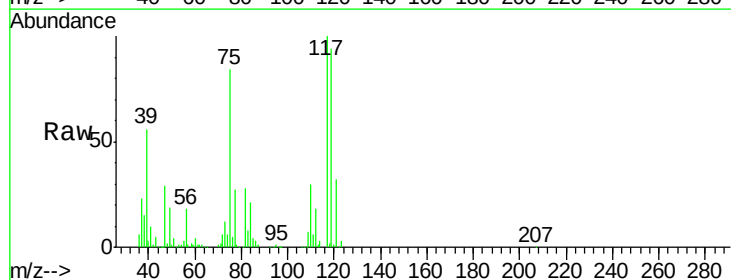


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

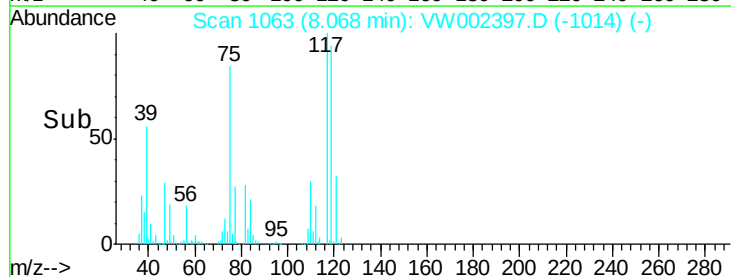
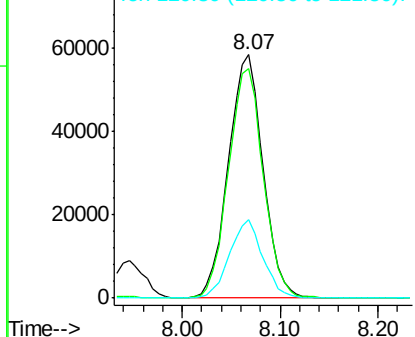


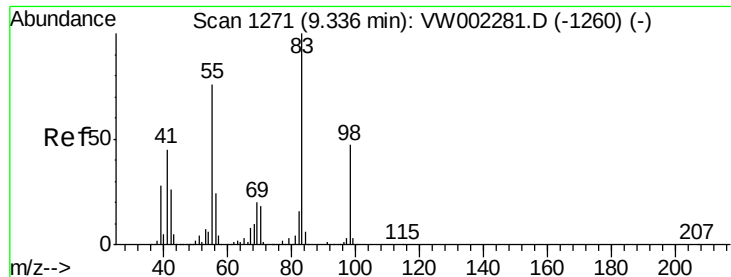
#38
Carbon Tetrachloride
Concen: 52.25 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 117 Resp: 143299
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
121 32.1 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

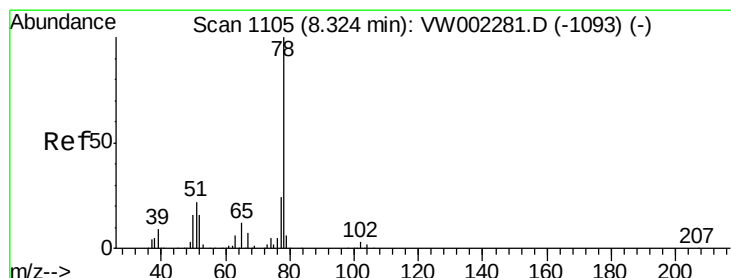
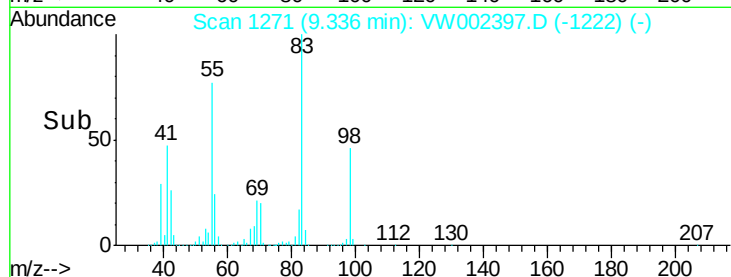
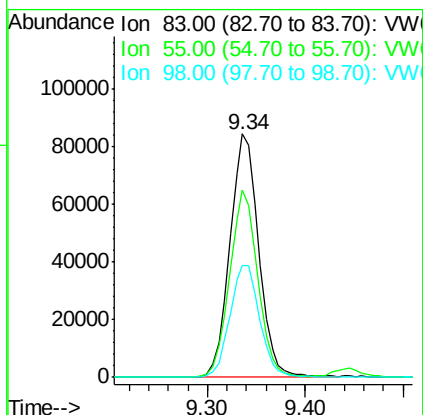
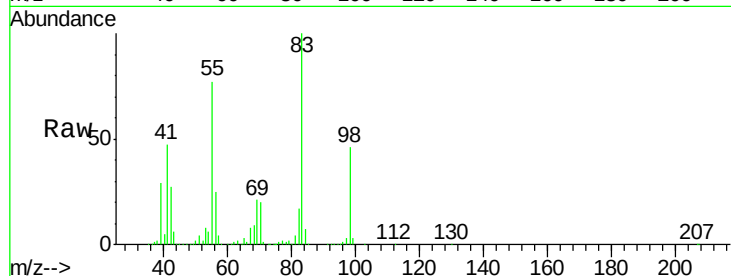




#39
Methylvlcyclohexane
Concen: 52.13 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

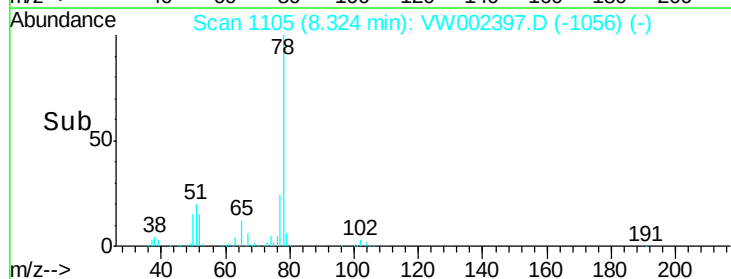
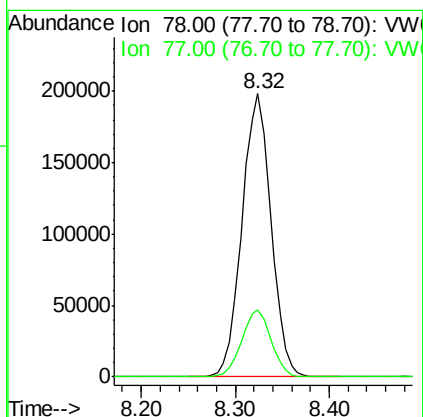
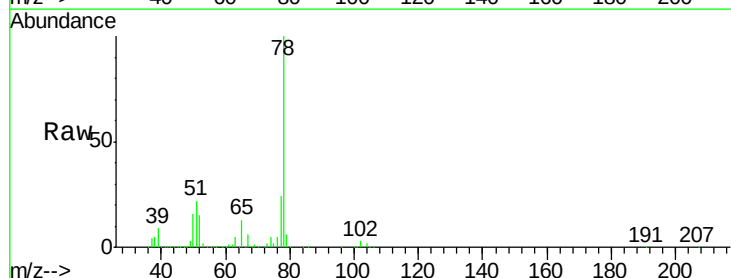
Instrument :
MSVOA_W
ClientSampled :

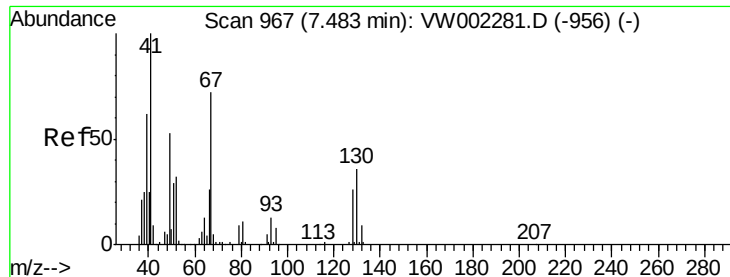
Tot Ion: 83 Resp: 172511
Ion Ratio Lower Upper
83 100
55 77.0 60.6 91.0
98 46.1 37.4 56.0



#40
Benzene
Concen: 51.62 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 78 Resp: 427883
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

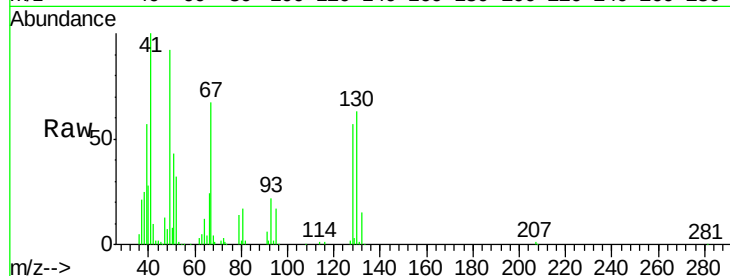




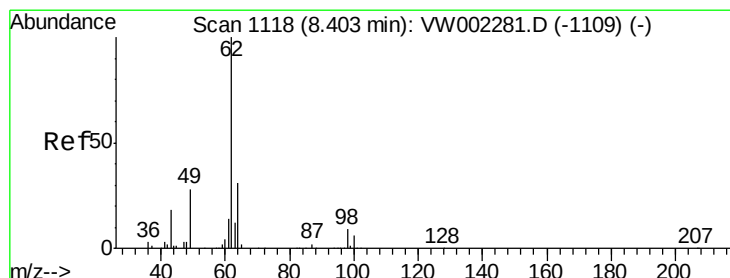
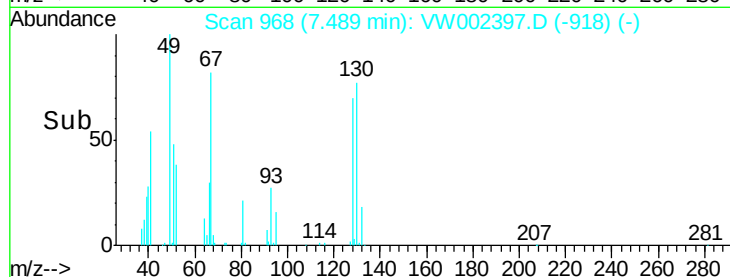
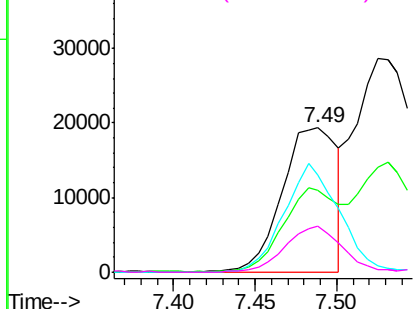
#41
Methacrylonitrile
Concen: 57.23 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 41 Resp: 45323
Ion Ratio Lower Upper
41 100
39 63.7 40.2 60.4#
67 76.1 54.7 82.1
52 34.0 23.6 35.4

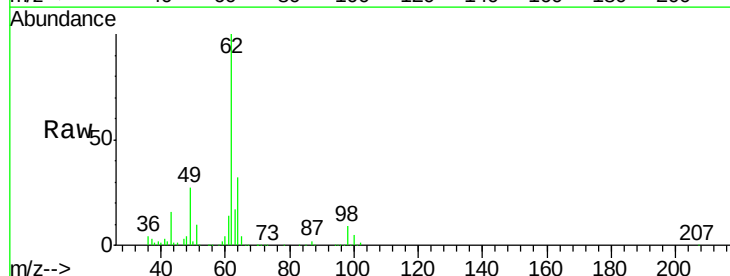


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

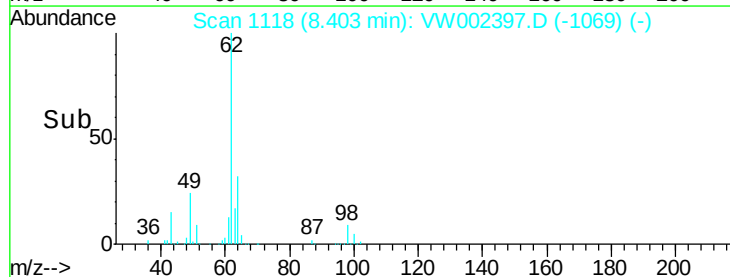
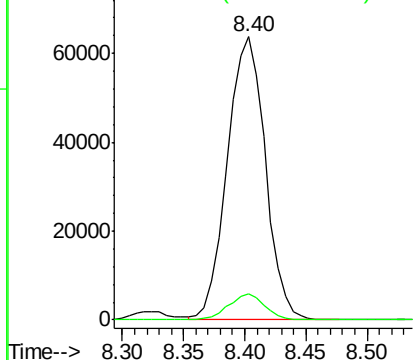


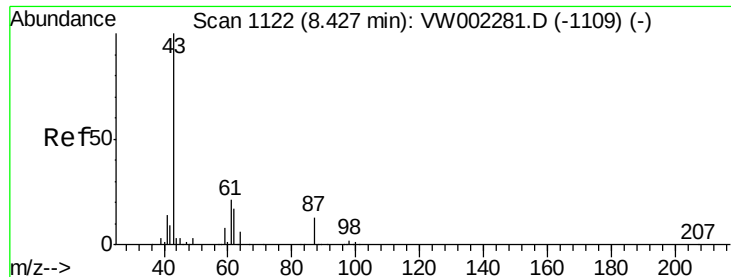
#42
1,2-Dichloroethane
Concen: 53.11 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 62 Resp: 137294
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 59.03 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

ClientSampleId :

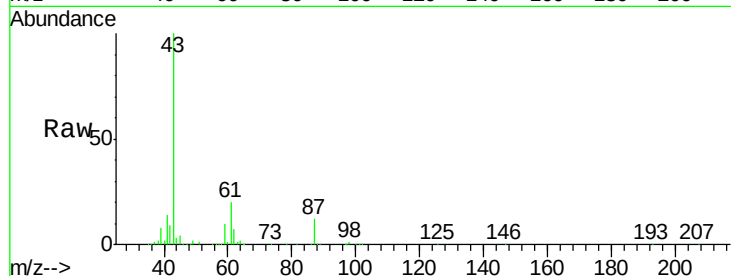
Tot Ion: 43 Resp: 154780

Ion Ratio Lower Upper

43 100

61 28.4 23.7 35.5

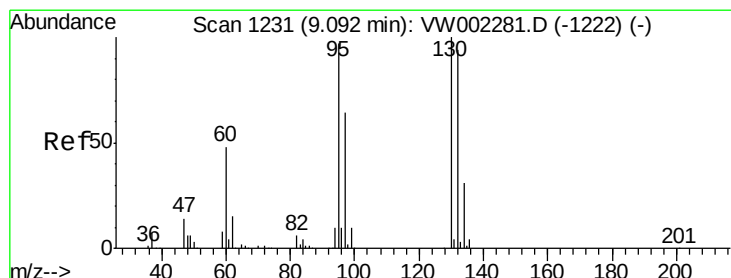
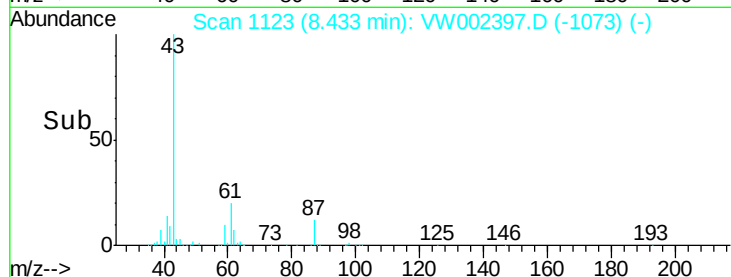
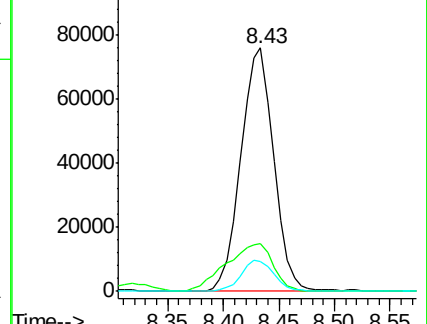
87 12.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.67 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002397.D

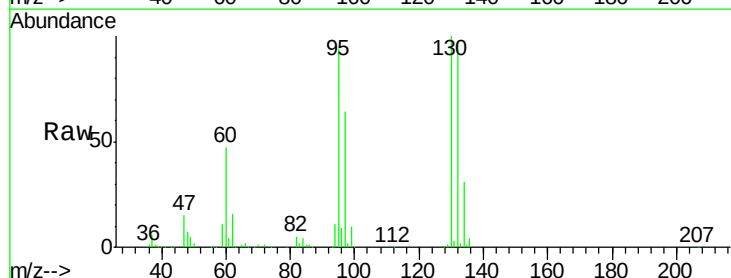
Acq: 10 May 2018 23:33

Tgt Ion:130 Resp: 116770

Ion Ratio Lower Upper

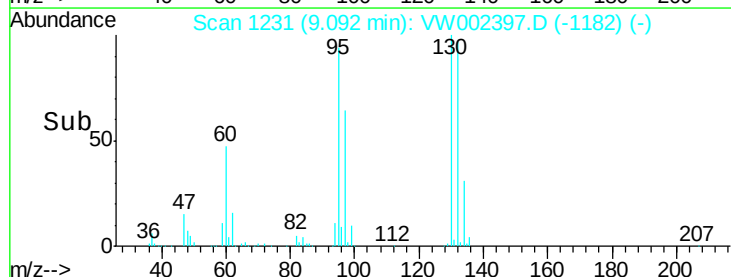
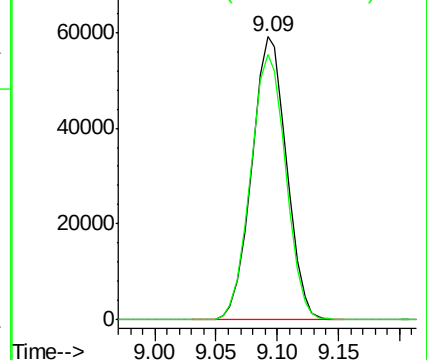
130 100

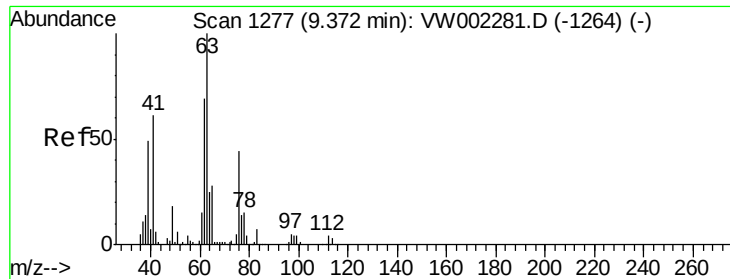
95 93.6 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

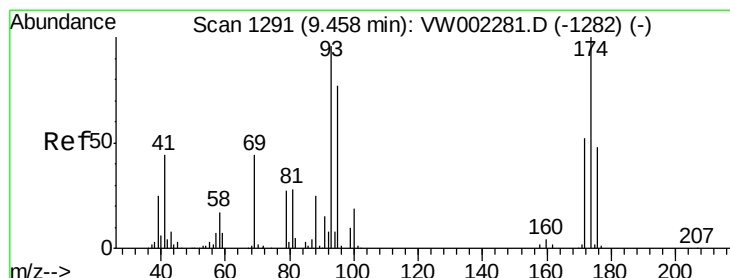
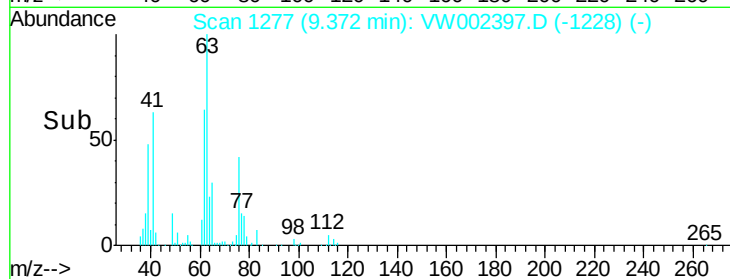
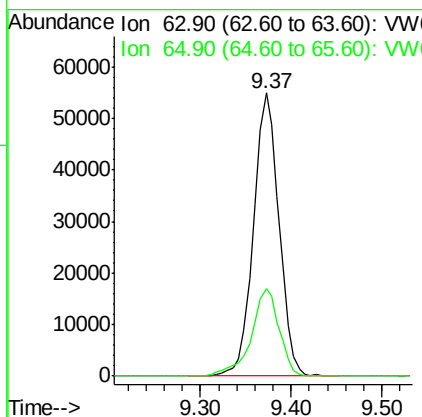
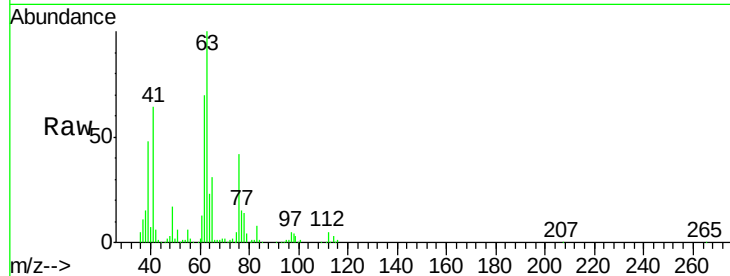




#45
 1,2-Dichloropropane
 Concen: 51.37 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

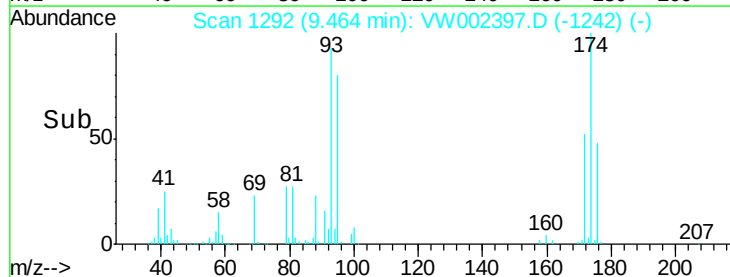
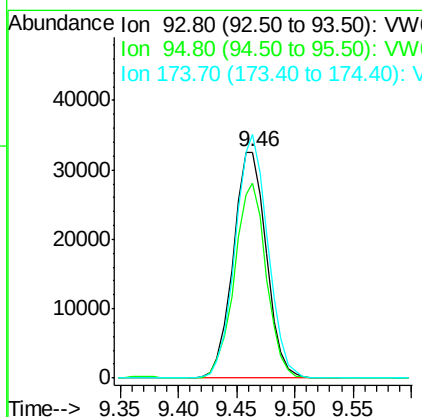
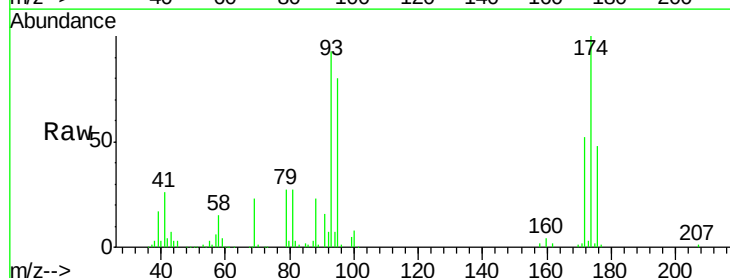
Instrument :
 MSVOA_W
 ClientSampleId :

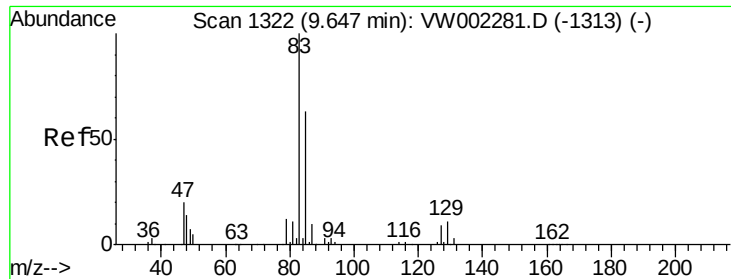
Tot Ion: 63 Resp: 106691
 Ion Ratio Lower Upper
 63 100
 65 30.8 22.9 34.3



#46
 Dibromomethane
 Concen: 55.49 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion: 93 Resp: 64420
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 106.2 86.8 130.2





#47

Bromodichloromethane

Concen: 53.35 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :
MSVOA_W
ClientSampled :

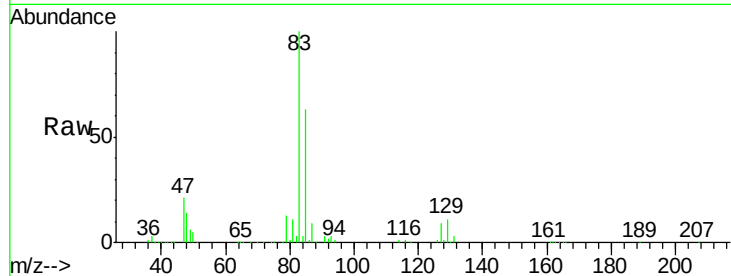
Tot Ion: 83 Resp: 146179

Ion Ratio Lower Upper

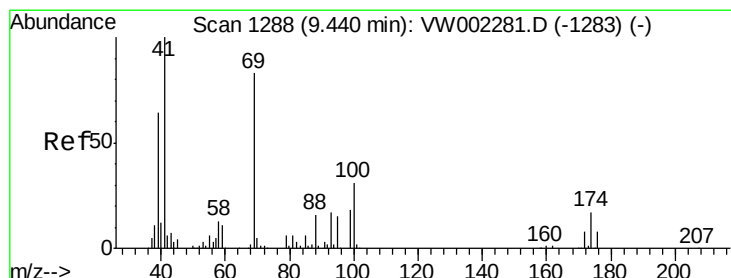
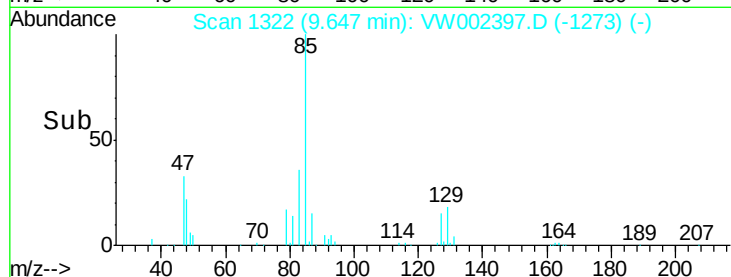
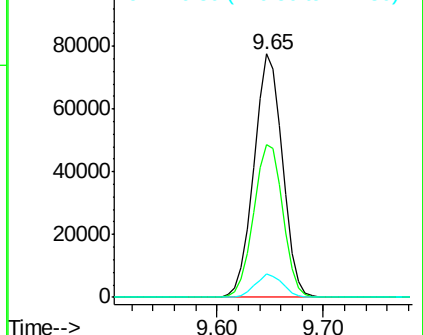
83 100

85 62.9 50.2 75.2

127 9.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 59.23 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

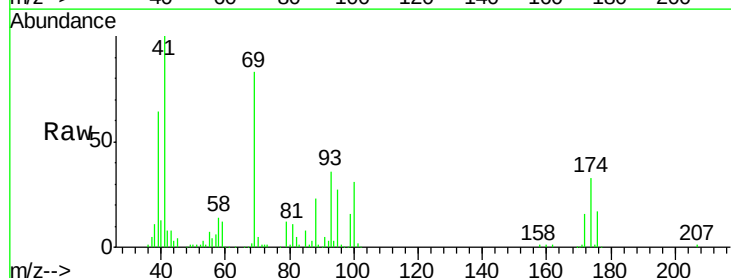
Tgt Ion: 41 Resp: 75405

Ion Ratio Lower Upper

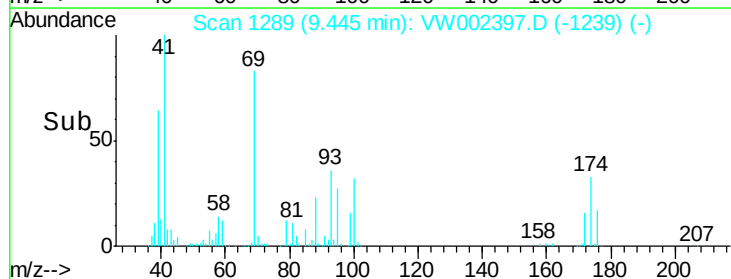
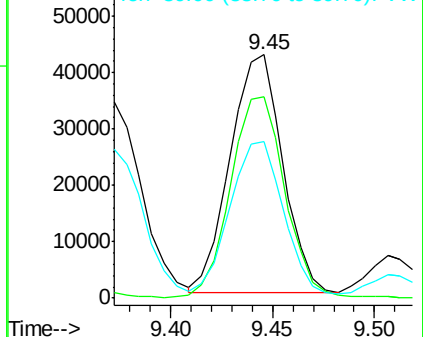
41 100

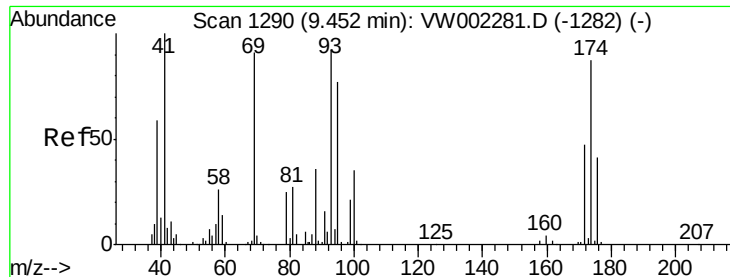
69 88.5 69.9 104.9

39 68.7 54.0 81.0



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

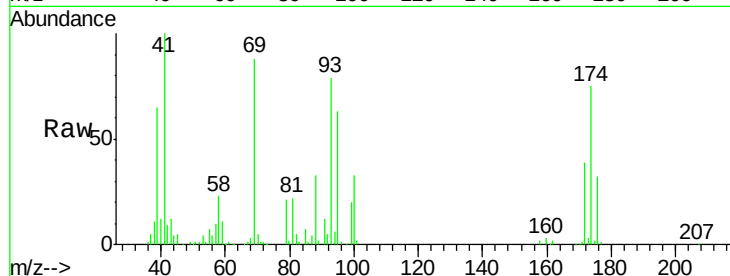




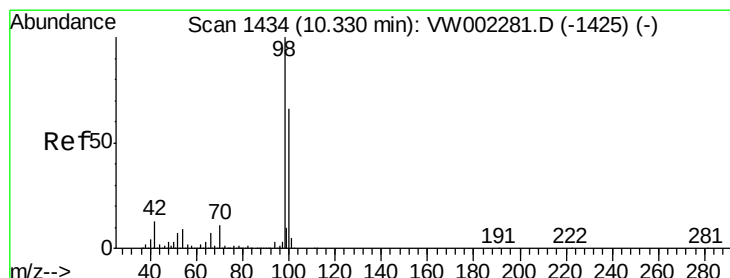
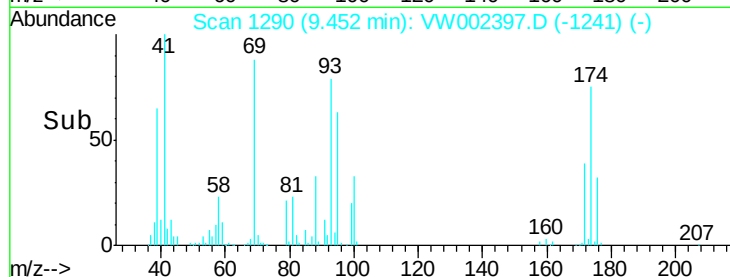
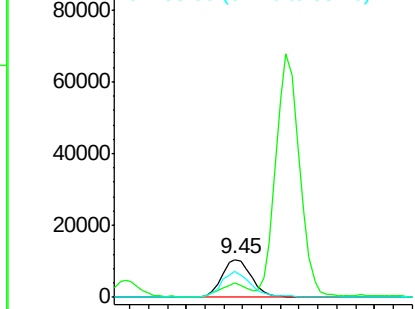
#49
1,4-Dioxane
Concen: 1265.22 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 23334
Ion Ratio Lower Upper
88 100
43 31.6 26.3 39.5
58 68.9 56.0 84.0

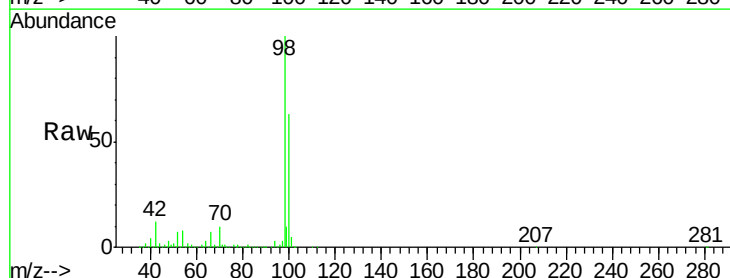


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

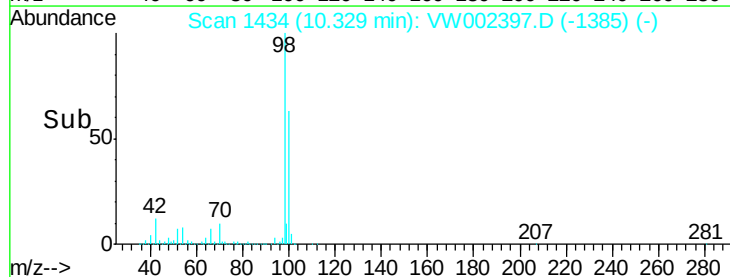
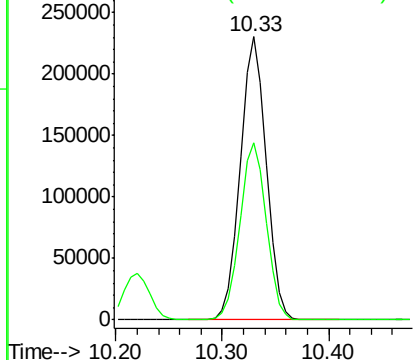


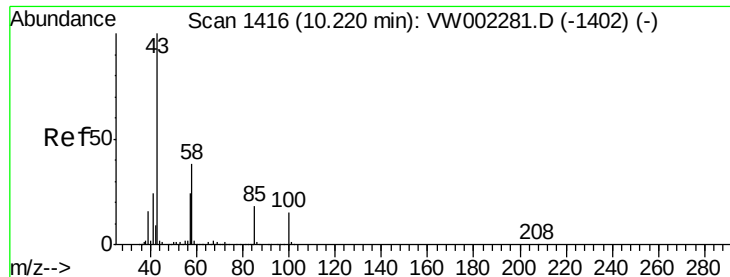
#50
Toluene-d8
Concen: 51.59 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 98 Resp: 395391
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 308.29 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

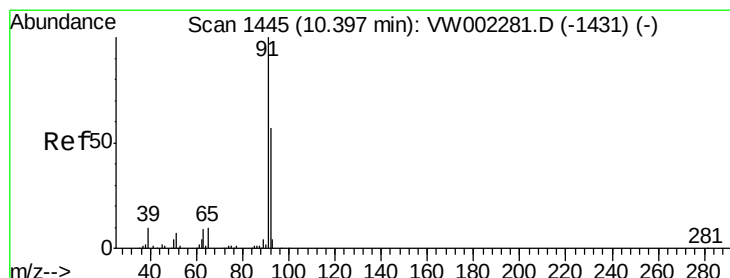
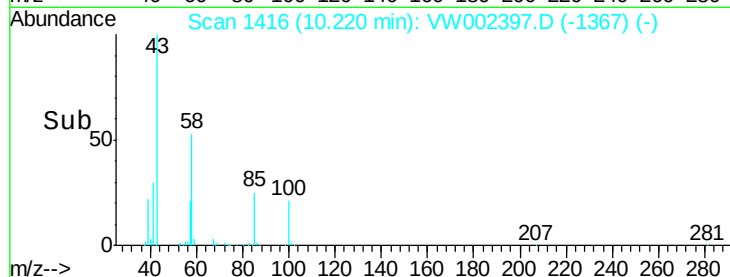
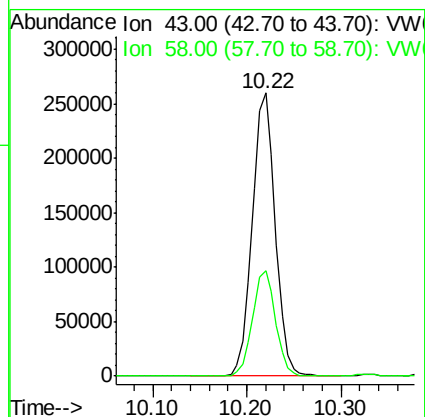
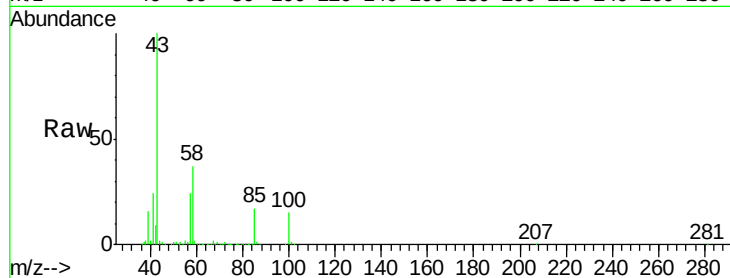
ClientSampled :

Tot Ion: 43 Resp: 445898

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.2



#52

Toluene

Concen: 51.95 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW002397.D

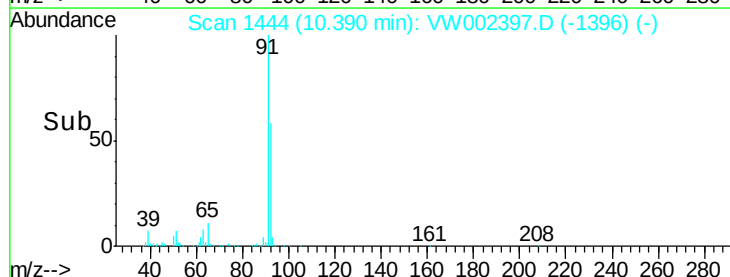
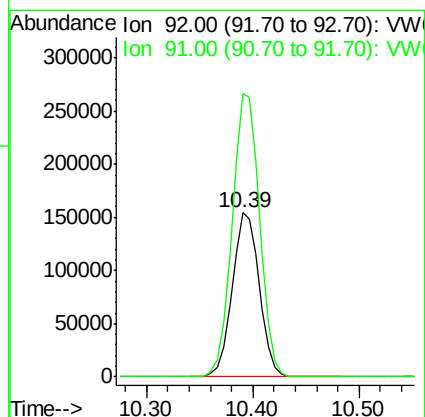
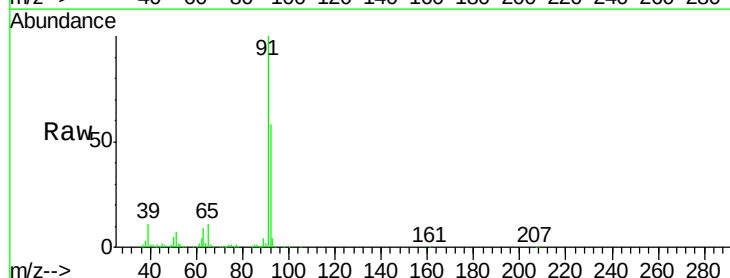
Acq: 10 May 2018 23:33

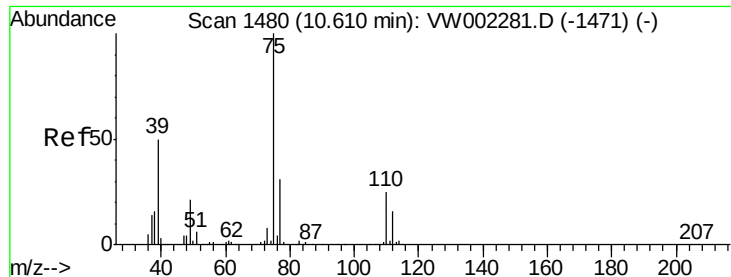
Tgt Ion: 92 Resp: 273506

Ion Ratio Lower Upper

92 100

91 175.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 54.71 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

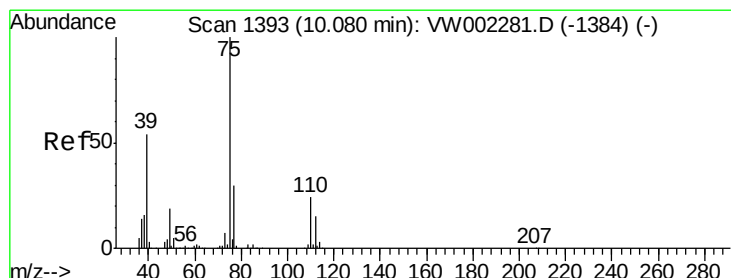
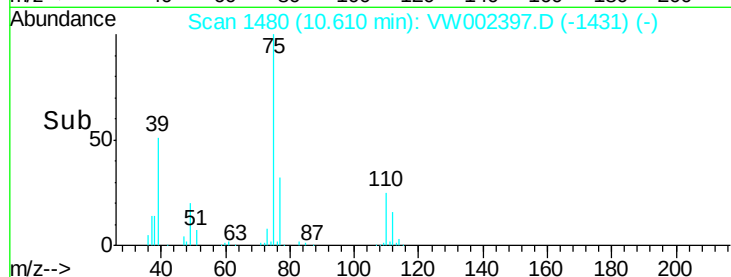
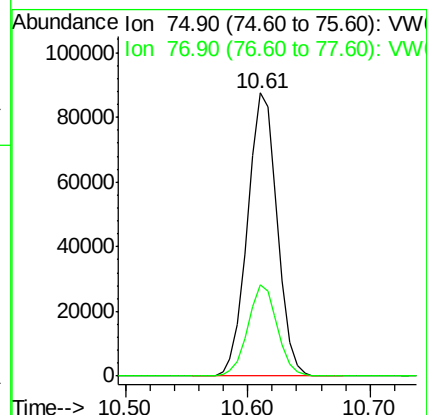
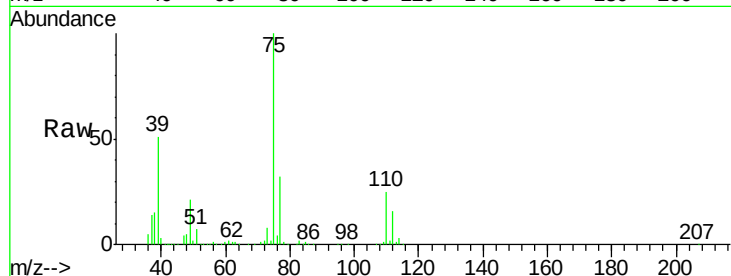
ClientSampleId :

Tot Ion: 75 Resp: 147379

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 53.50 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

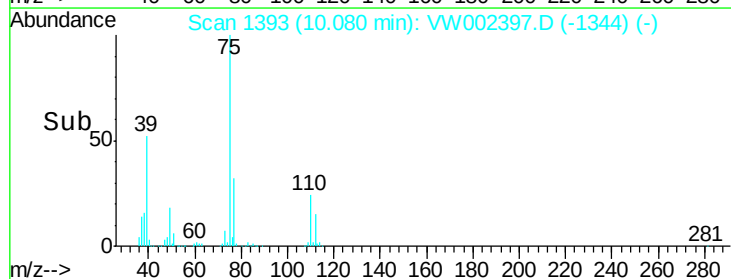
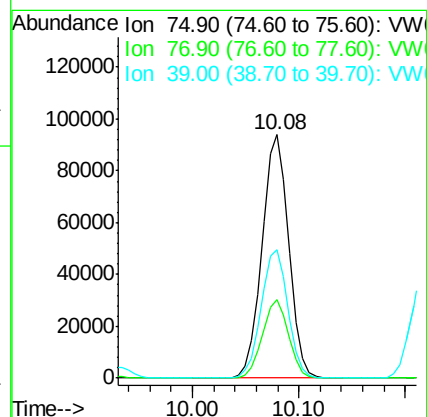
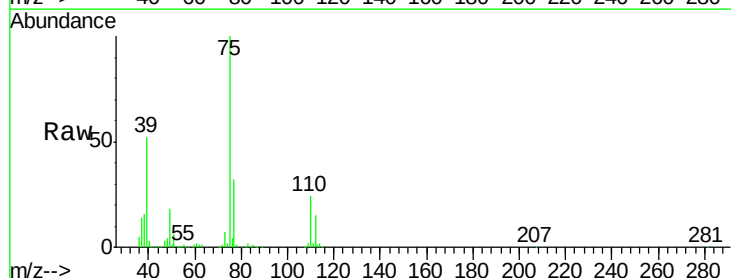
Tgt Ion: 75 Resp: 164778

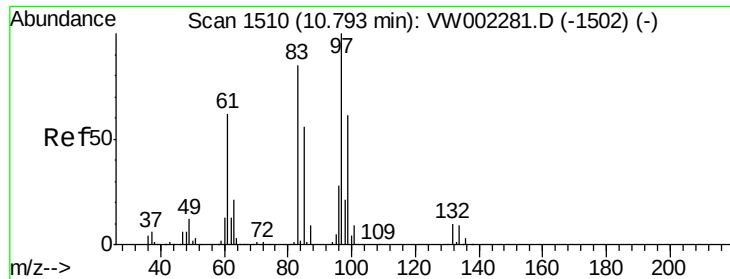
Ion Ratio Lower Upper

75 100

77 32.1 23.9 35.9

39 52.4 43.2 64.8

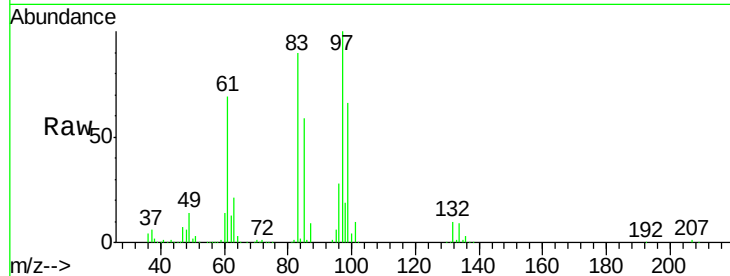




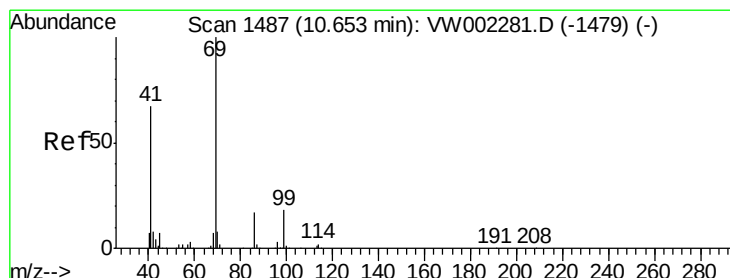
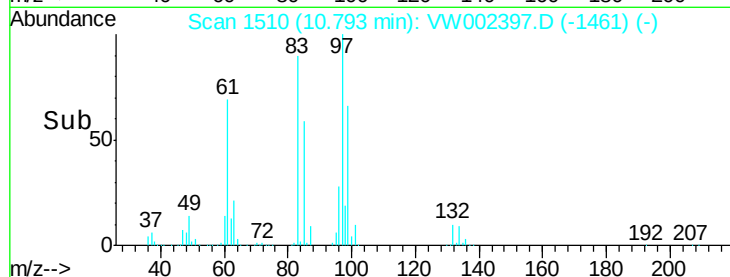
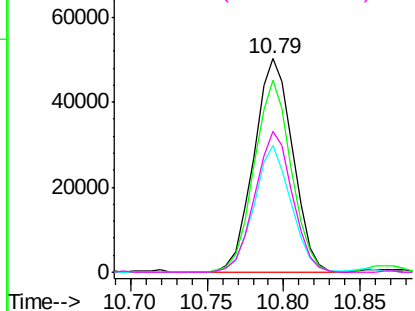
#55
 1,1,2-Trichloroethane
 Concen: 54.29 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	88737
Ion	Ratio	Lower	Upper
97	100		
83	89.9	68.4	102.6
85	59.2	44.6	67.0
99	65.6	48.8	73.2

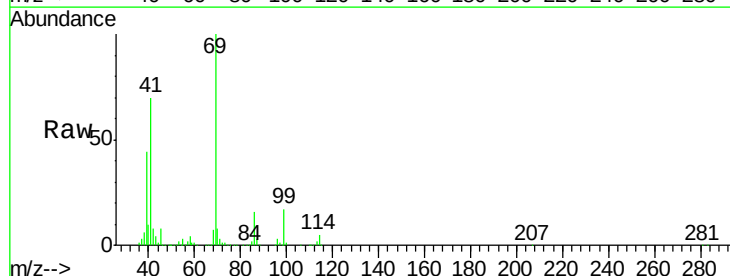


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

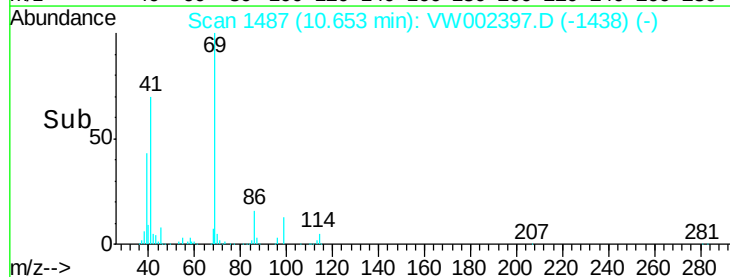
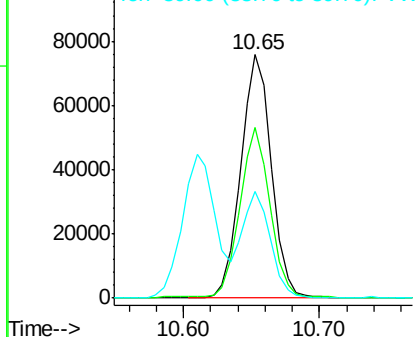


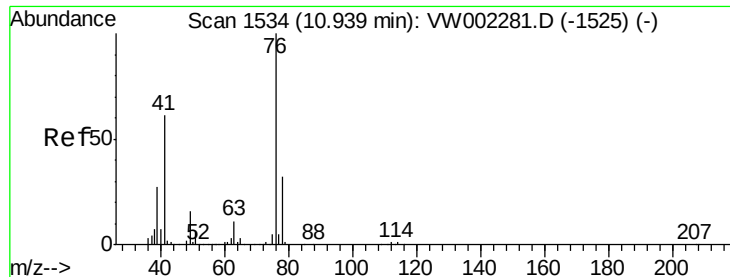
#56
 Ethyl methacrylate
 Concen: 58.70 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion:	69	Resp:	118623
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.0	84.0
39	40.1	32.7	49.1



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 54.87 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

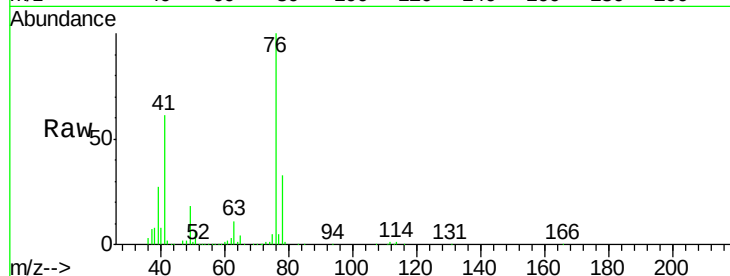
ClientSampleId :

Tot Ion: 76 Resp: 152491

Ion Ratio Lower Upper

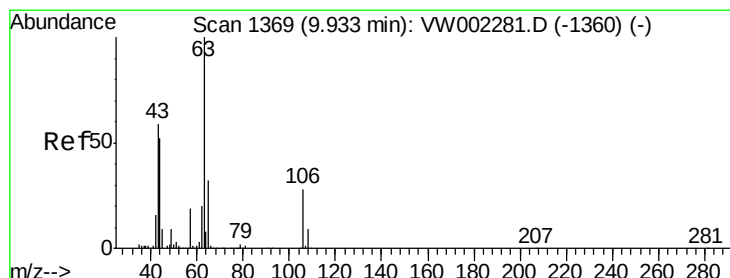
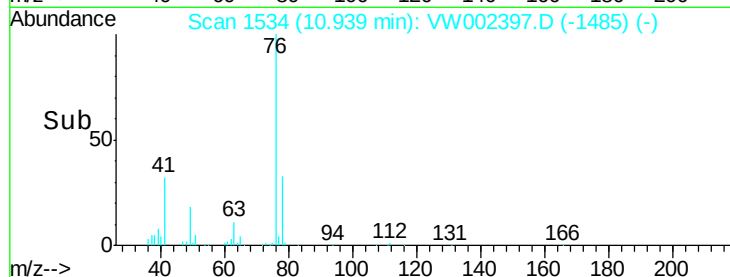
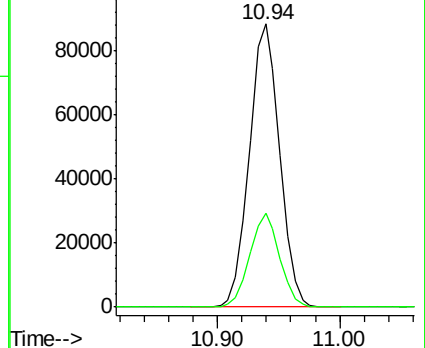
76 100

78 32.6 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 285.94 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW002397.D

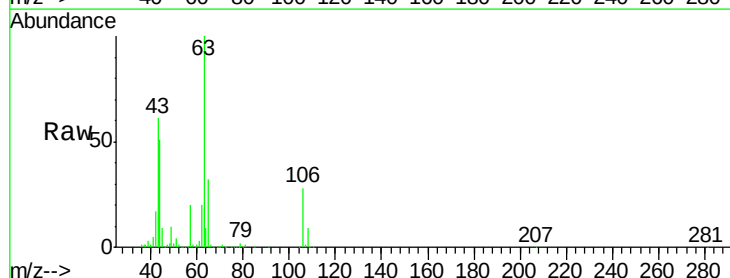
Acq: 10 May 2018 23:33

Tgt Ion: 63 Resp: 280451

Ion Ratio Lower Upper

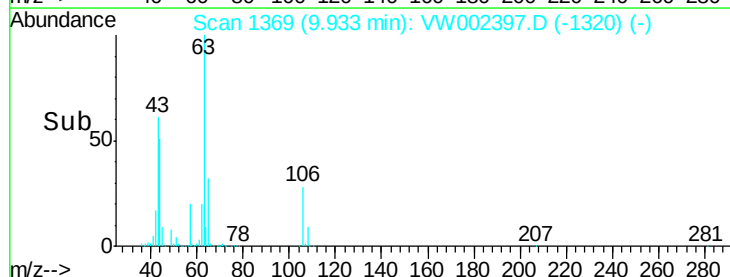
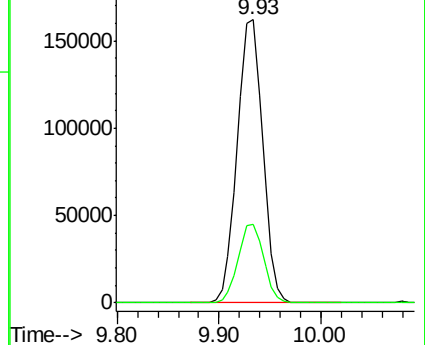
63 100

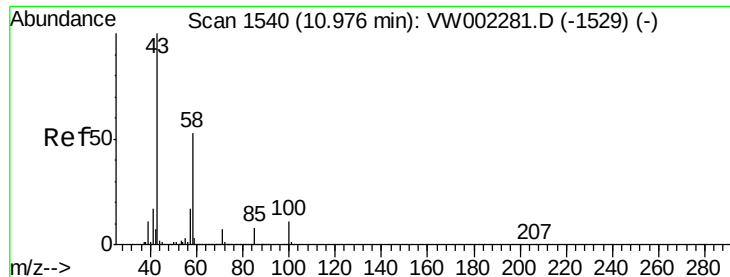
106 27.8 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

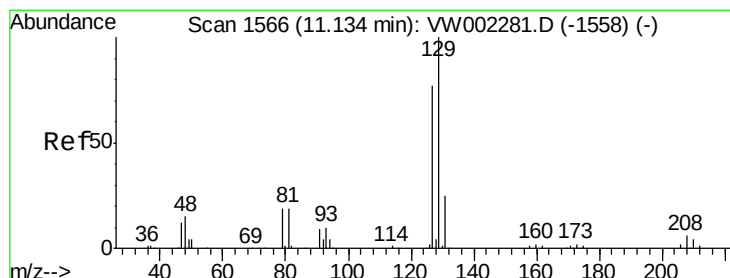
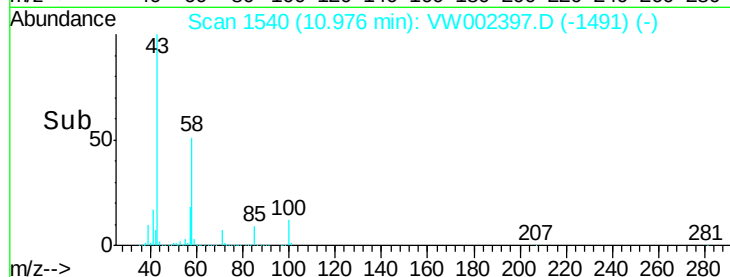
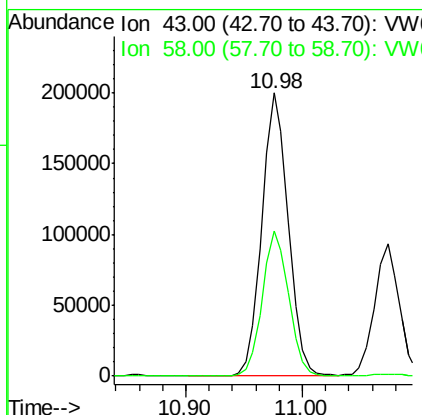
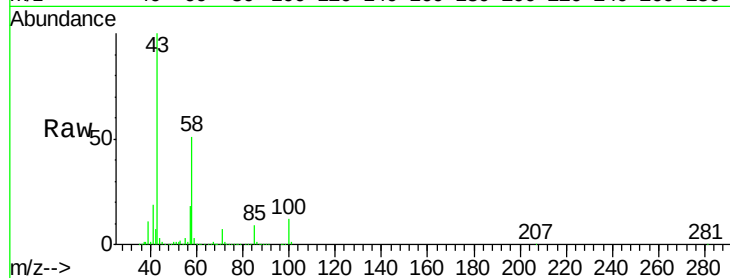




#59
2-Hexanone
Concen: 315.98 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

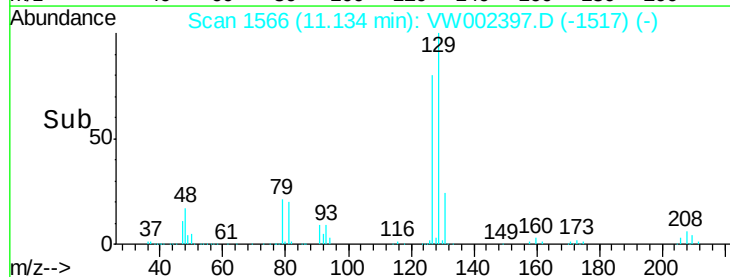
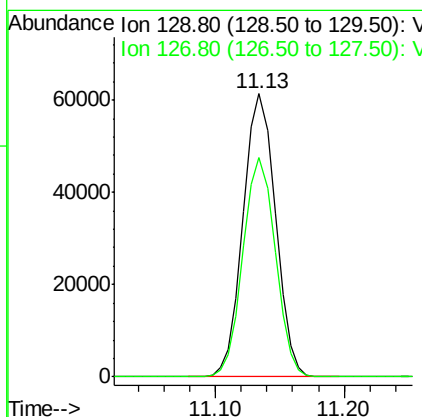
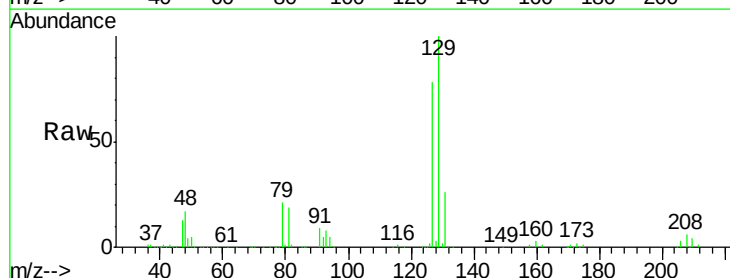
Instrument :
MSVOA_W
ClientSampleId :

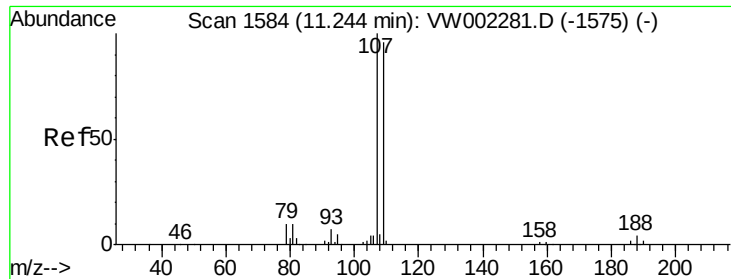
Tot Ion: 43 Resp: 312610
Ion Ratio Lower Upper
43 100
58 51.5 26.0 78.0



#60
Dibromochloromethane
Concen: 55.61 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 129 Resp: 107294
Ion Ratio Lower Upper
129 100
127 77.0 39.0 116.9

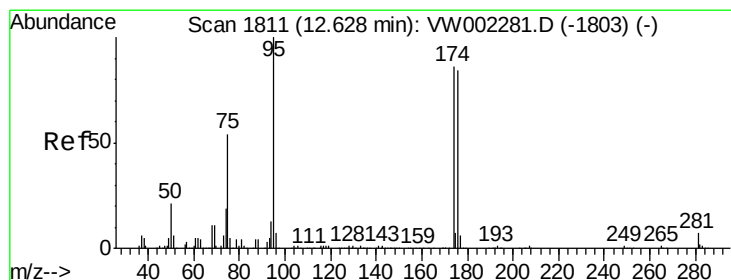
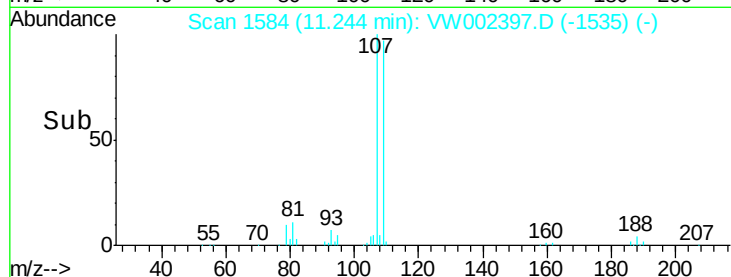
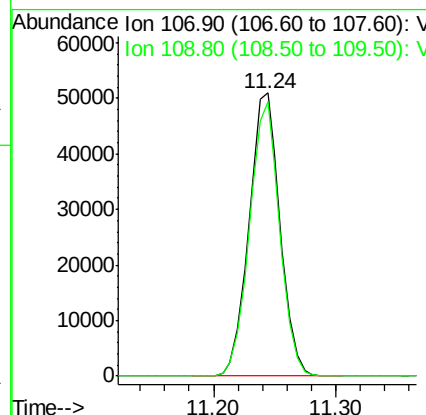
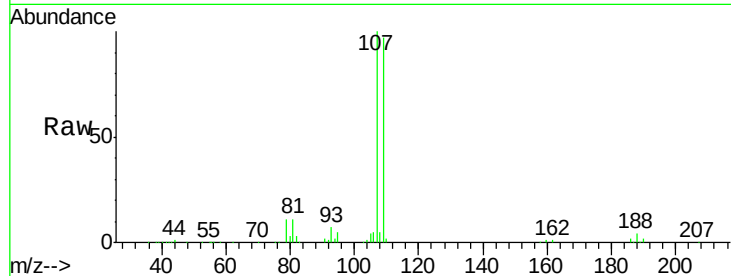




#61
 1,2-Dibromoethane
 Concen: 56.04 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

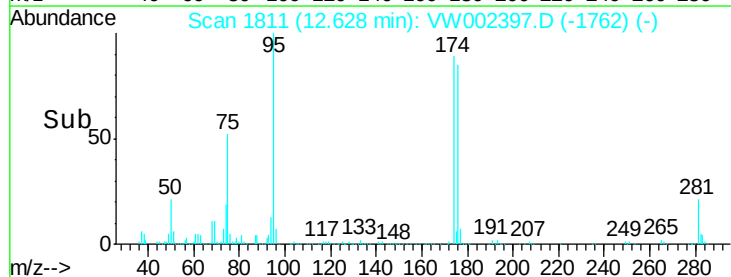
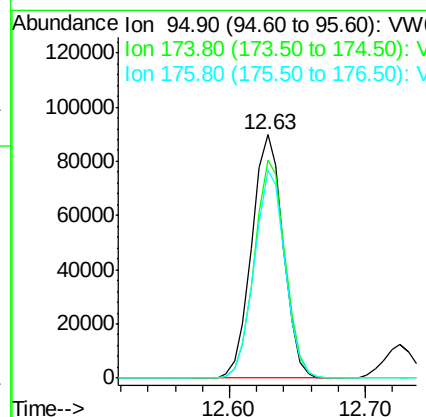
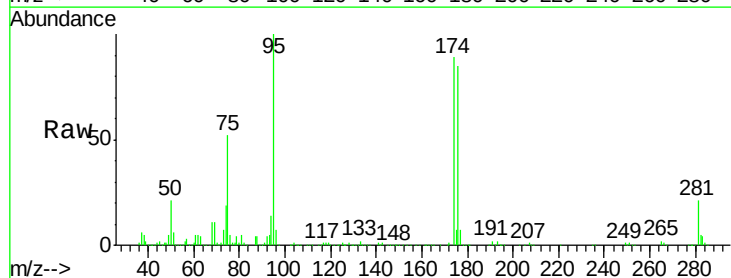
Instrument :
 MSVOA_W
 ClientSampled :

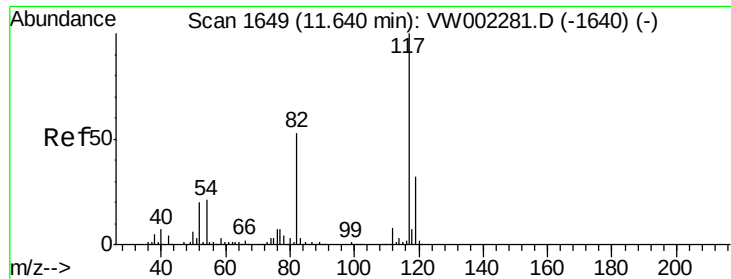
Tot Ion: 107 Resp: 89551
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 52.59 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion: 95 Resp: 145661
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 176.8
 176 83.8 0.0 170.4

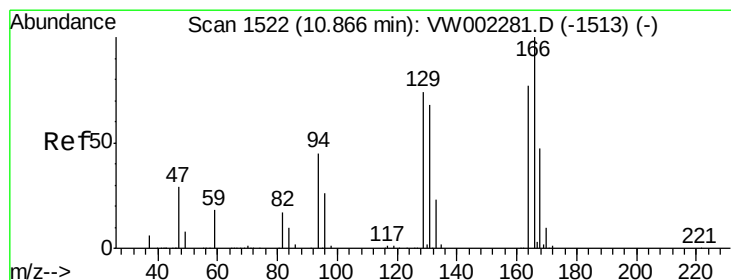
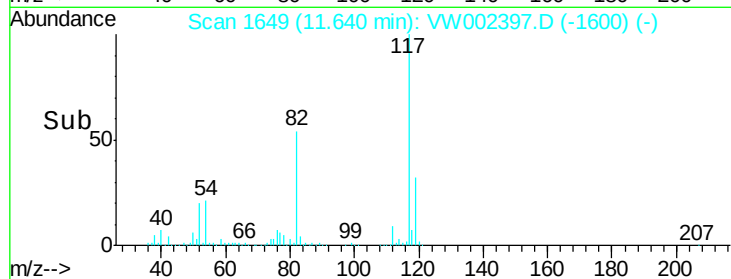
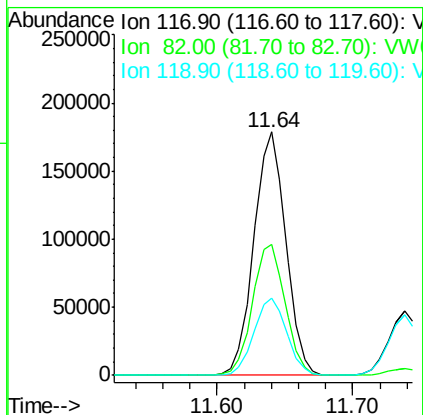
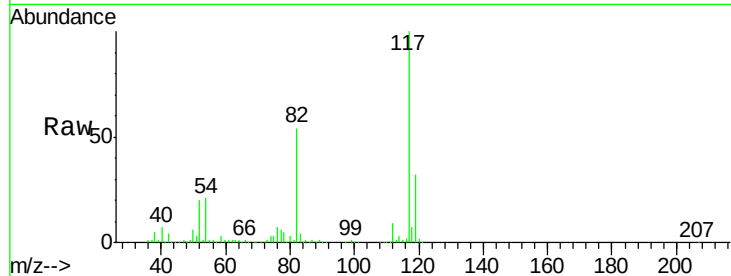




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

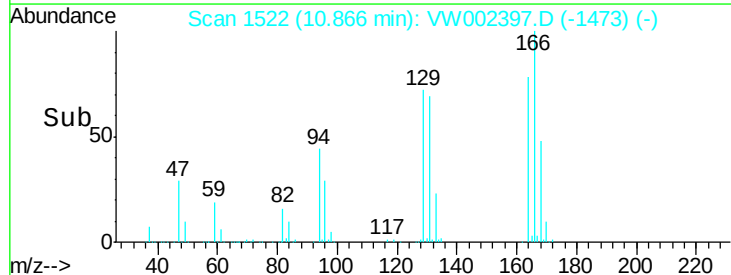
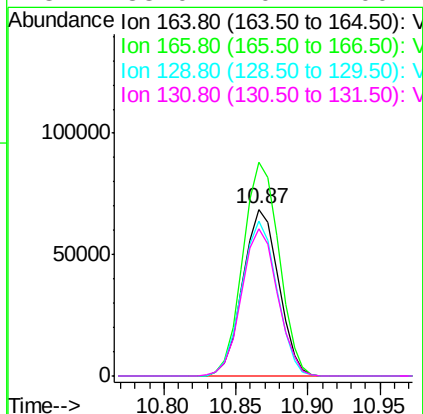
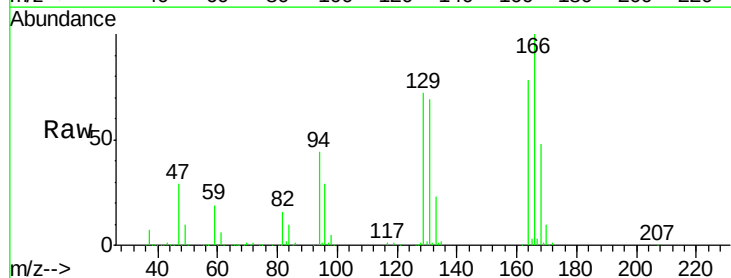
Instrument :
MSVOA_W
ClientSampleId :

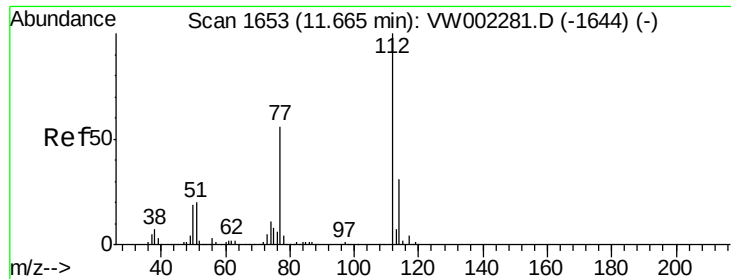
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.6	63.8
119	31.7	25.2	37.8



#64
Tetrachloroethene
Concen: 52.11 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.3	154.9
129	92.6	76.6	114.8
131	88.0	70.7	106.1





#65

Chlorobenzene

Concen: 51.24 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

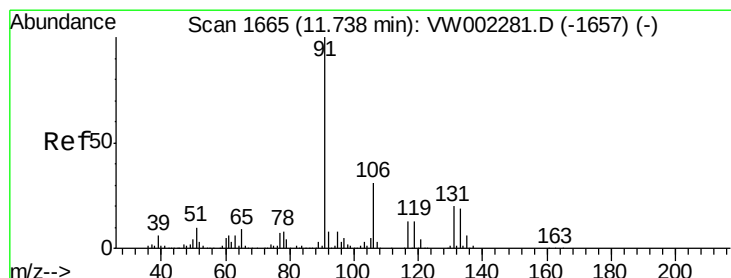
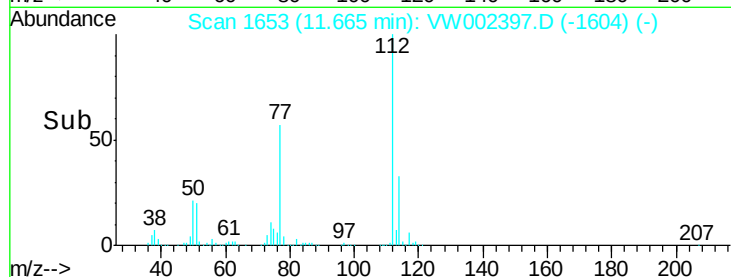
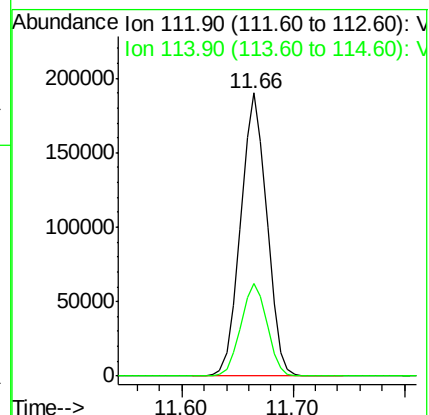
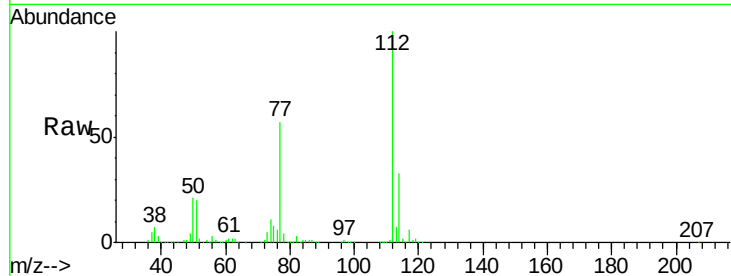
ClientSampleId :

Tot Ion:112 Resp: 308998

Ion Ratio Lower Upper

112 100

114 32.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.27 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

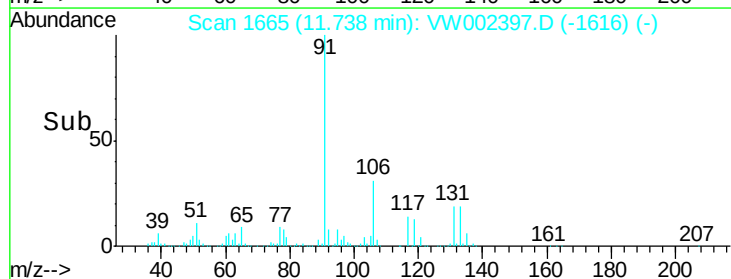
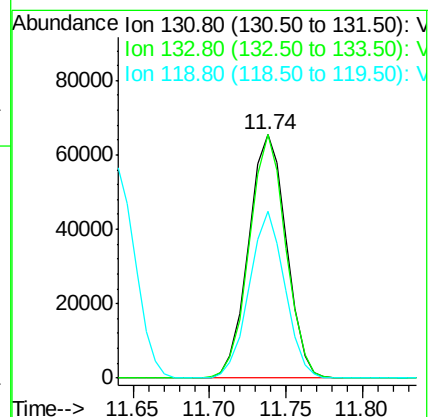
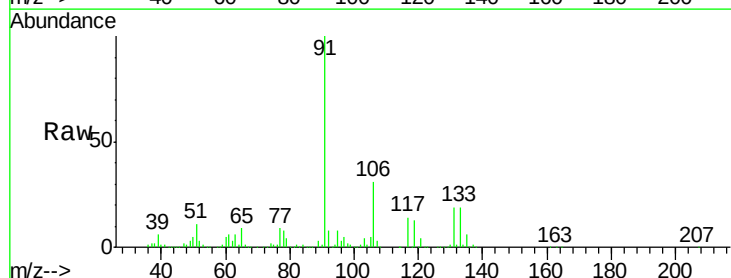
Tgt Ion:131 Resp: 112330

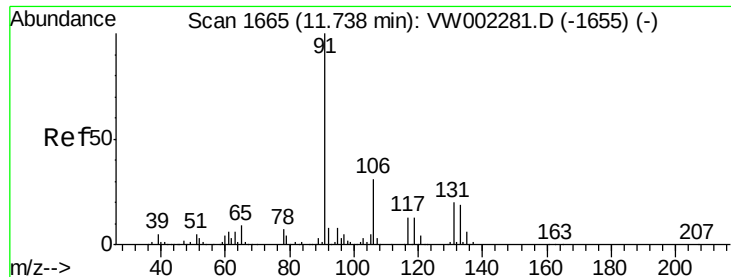
Ion Ratio Lower Upper

131 100

133 96.4 47.8 143.3

119 64.8 32.0 96.0

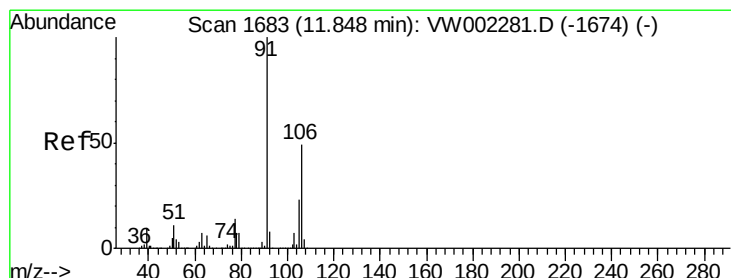
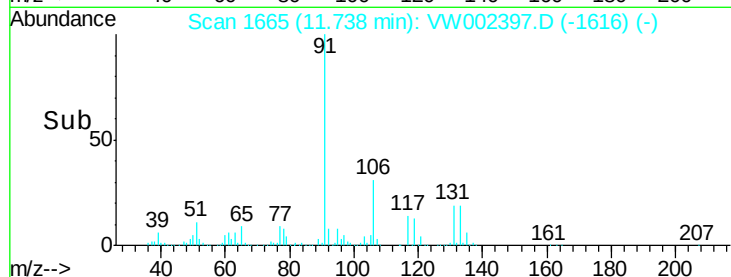
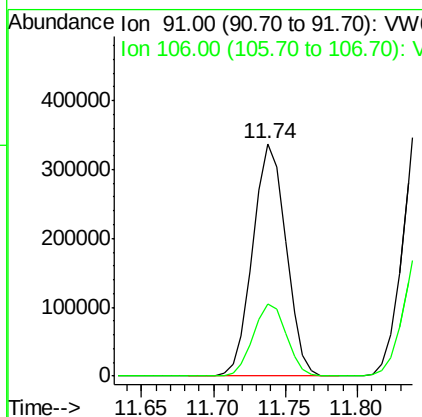
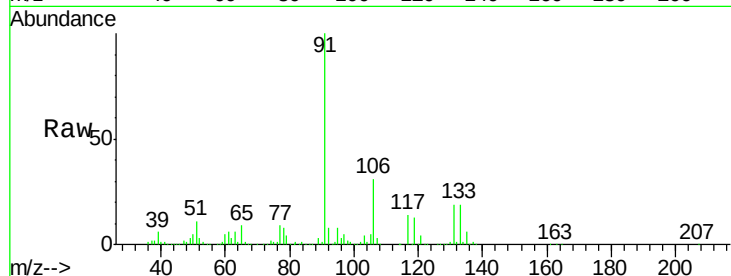




#67
Ethyl Benzene
Concen: 51.88 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

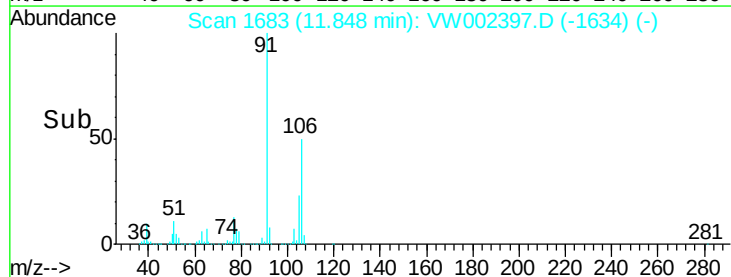
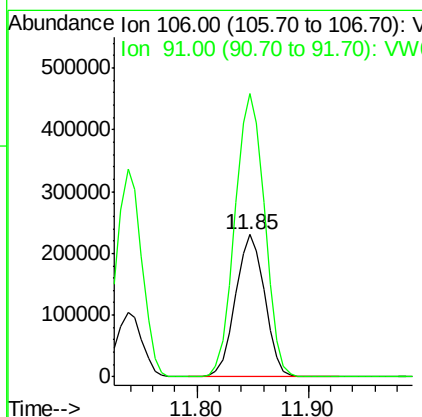
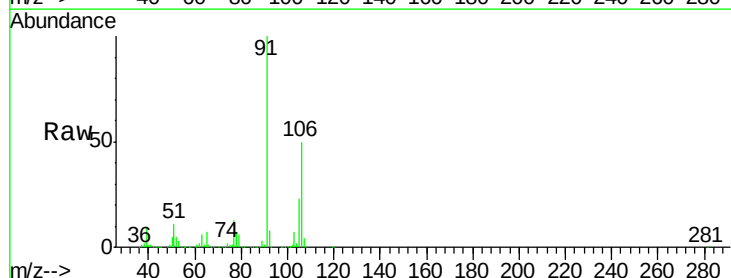
Instrument :
MSVOA_W
ClientSampleId :

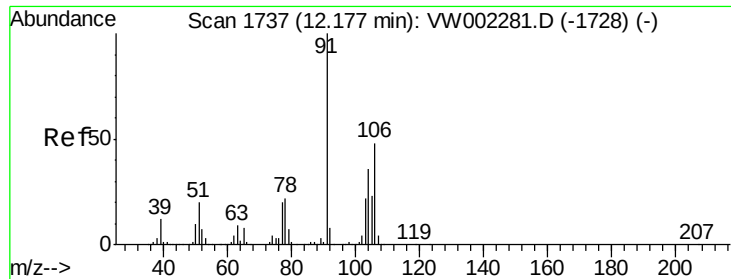
Tot Ion: 91 Resp: 537667
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 104.27 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion:106 Resp: 416928
Ion Ratio Lower Upper
106 100
91 202.1 161.4 242.0

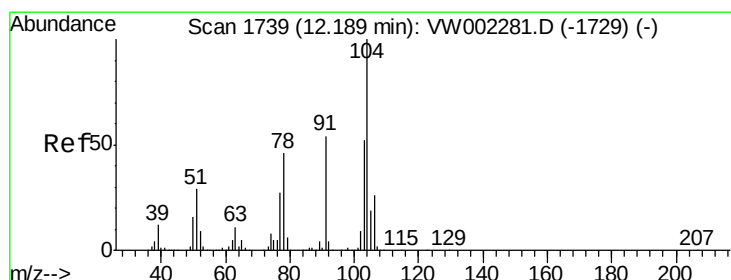
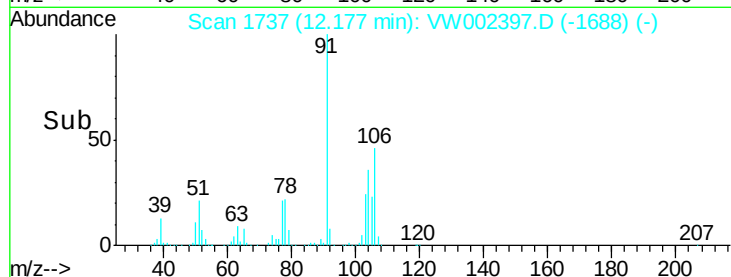
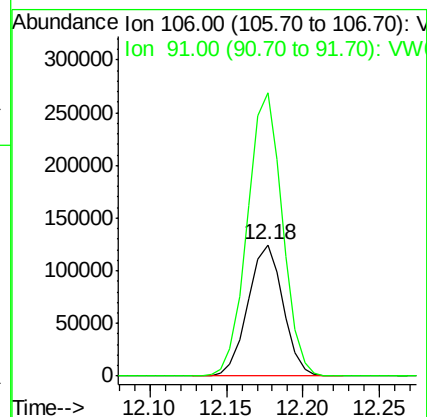
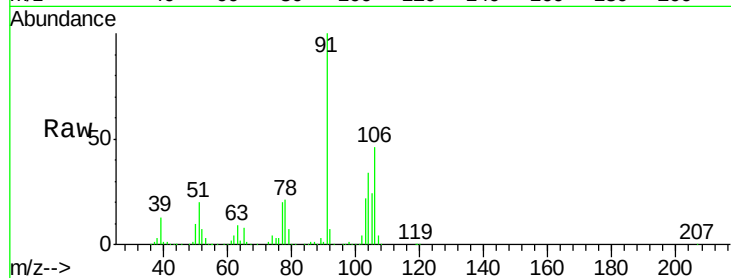




#69
o-Xylene
Concen: 52.39 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

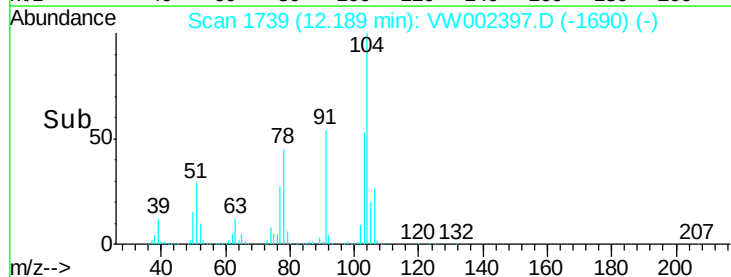
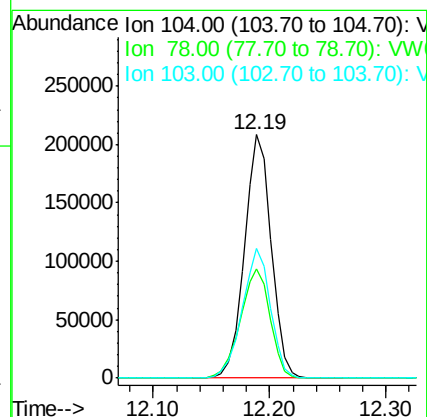
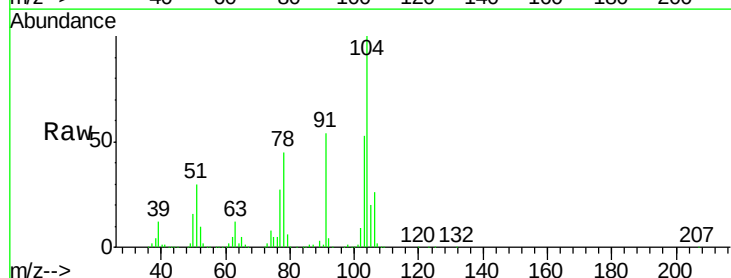
Instrument :
MSVOA_W
ClientSampled :

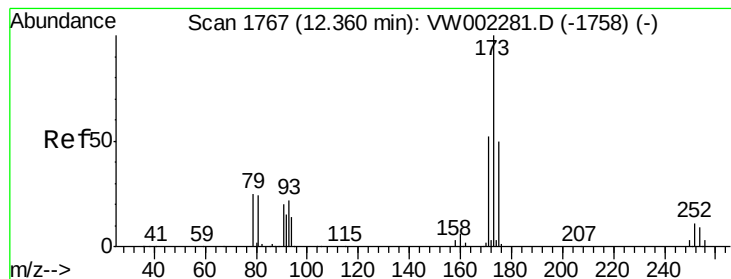
Tot Ion:106 Resp: 199233
Ion Ratio Lower Upper
106 100
91 214.4 107.1 321.1



#70
Styrene
Concen: 52.80 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion:104 Resp: 333370
Ion Ratio Lower Upper
104 100
78 49.7 39.6 59.4
103 56.3 44.4 66.6





#71

Bromoform

Concen: 57.78 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

ClientSampled :

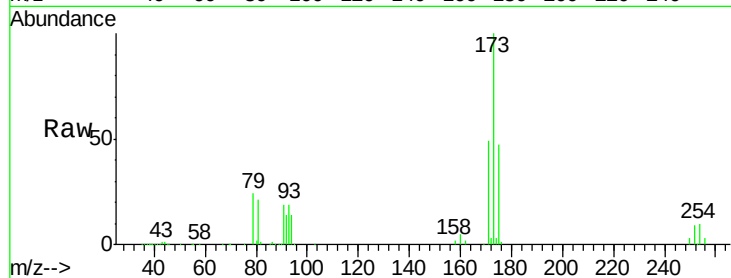
Tot Ion:173 Resp: 71204

Ion Ratio Lower Upper

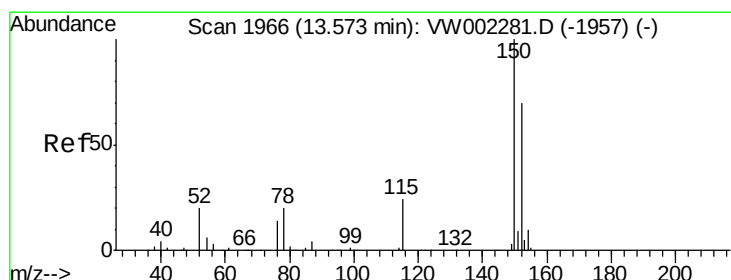
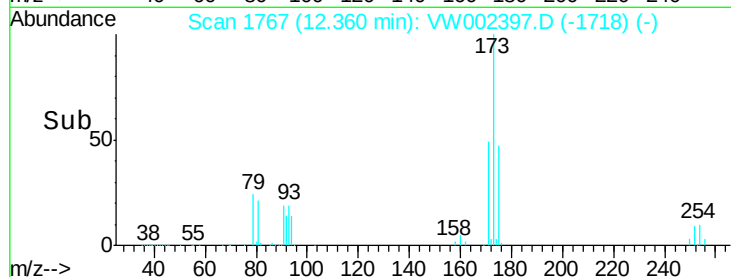
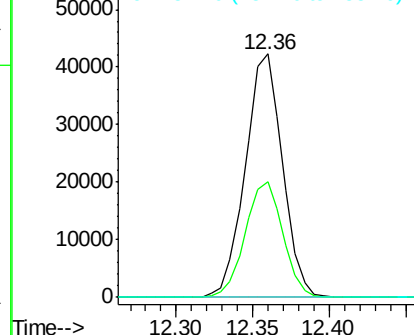
173 100

175 48.1 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

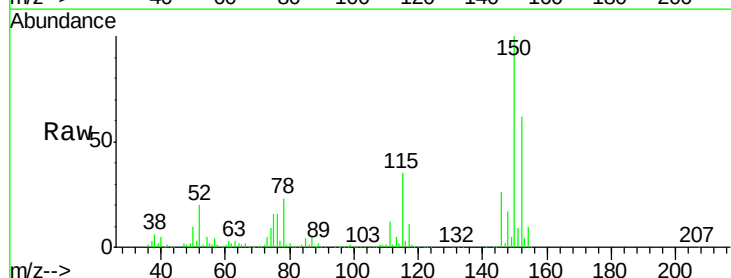
Tgt Ion:152 Resp: 162710

Ion Ratio Lower Upper

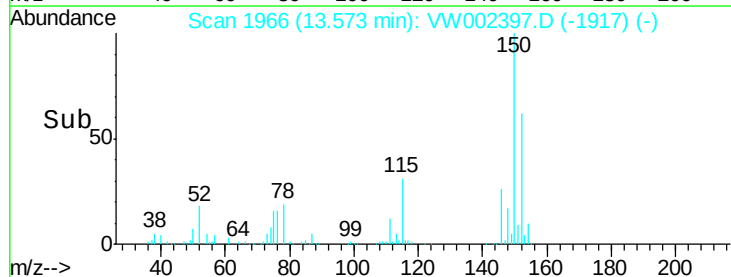
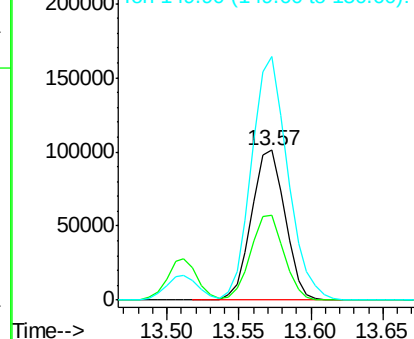
152 100

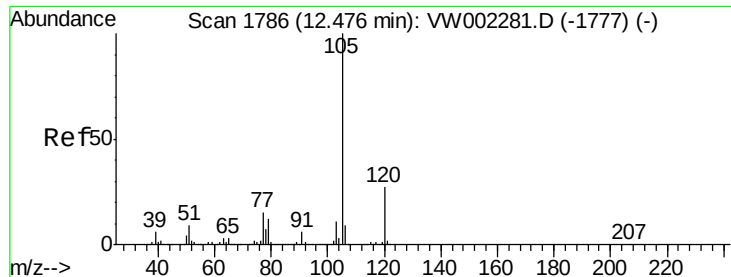
115 56.2 28.5 85.5

150 175.0 0.0 342.6



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: 51.67 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

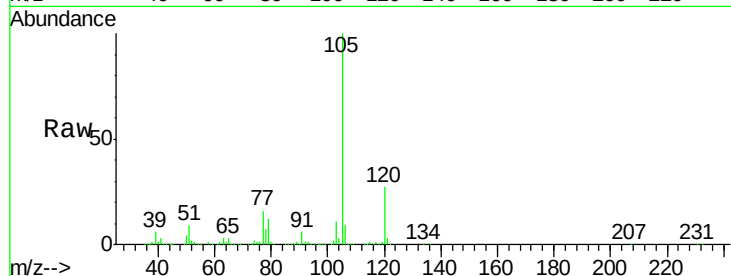
ClientSampleId :

Tot Ion:105 Resp: 546045

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

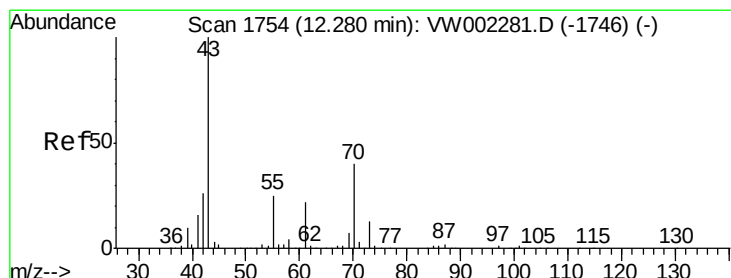
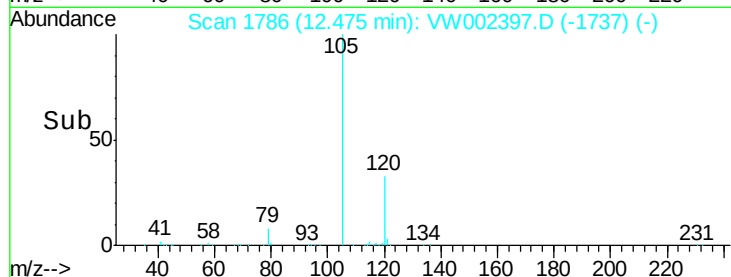
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 57.35 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Tgt Ion: 43 Resp: 151680

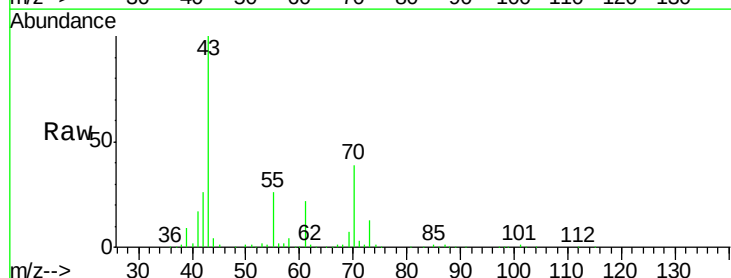
Ion Ratio Lower Upper

43 100

70 40.6 31.9 47.9

55 25.6 19.9 29.9

61 22.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

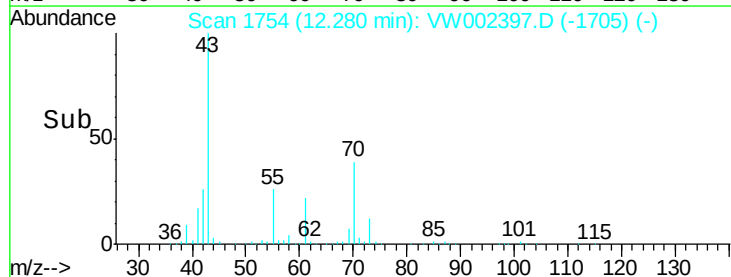
150000

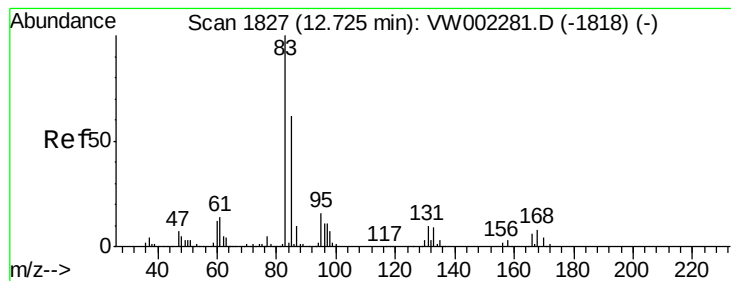
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 57.22 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

ClientSampleId :

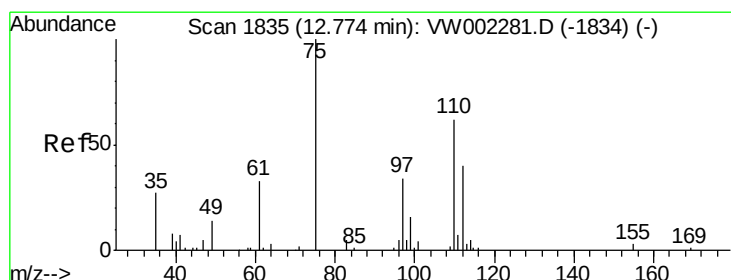
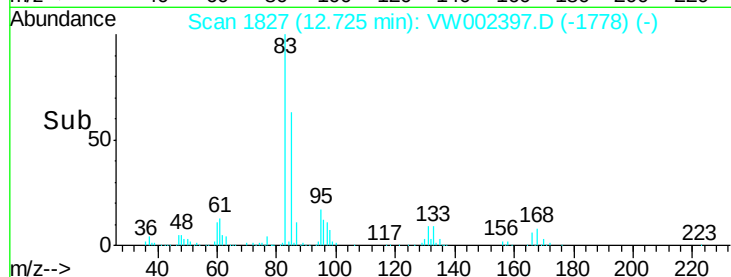
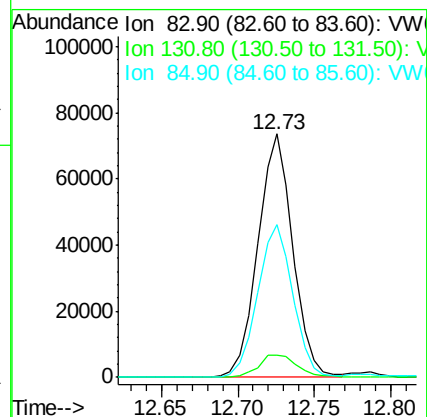
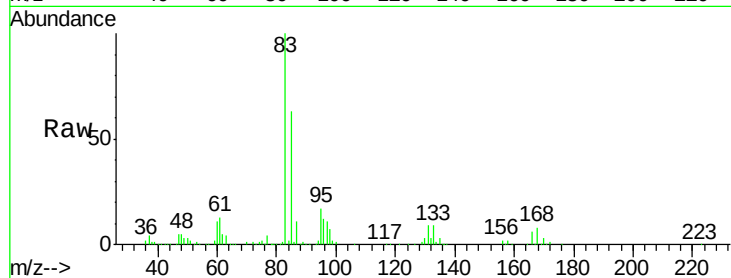
Tot Ion: 83 Resp: 116896

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.5

85 63.2 31.5 94.5



#76

1,2,3-Trichloropropane

Concen: 101.30 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW002397.D

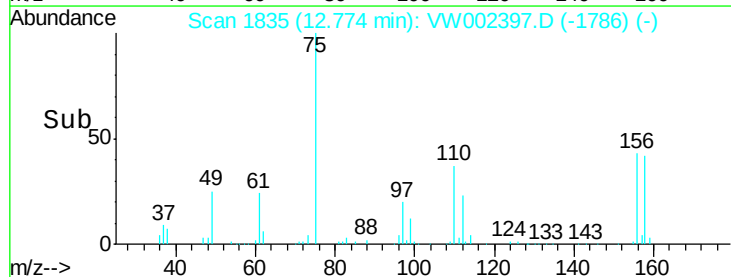
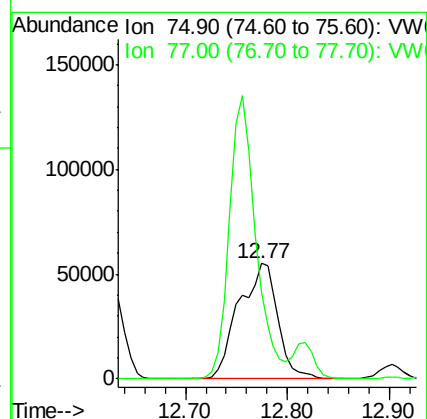
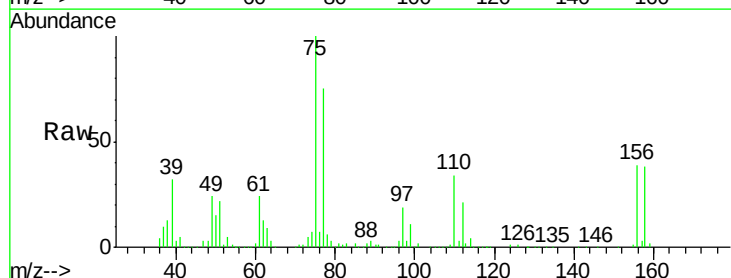
Acq: 10 May 2018 23:33

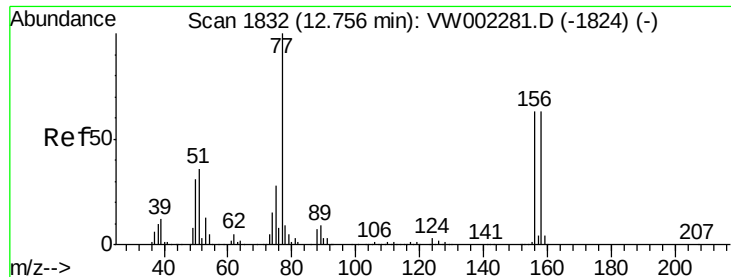
Tgt Ion: 75 Resp: 146156

Ion Ratio Lower Upper

75 100

77 166.7 187.5 562.6#





#77

Bromobenzene

Concen: 51.85 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

ClientSampled :

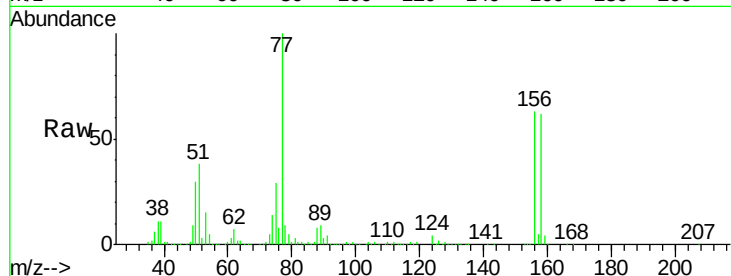
Tot Ion:156 Resp: 138129

Ion Ratio Lower Upper

156 100

77 176.4 87.7 263.1

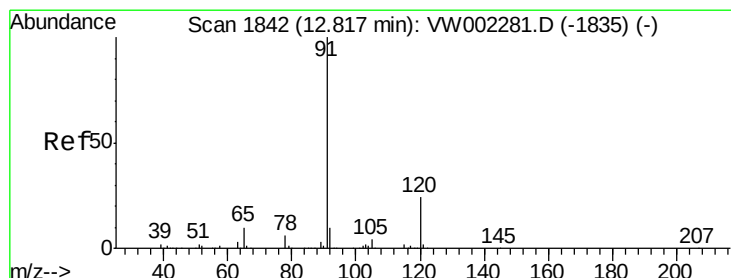
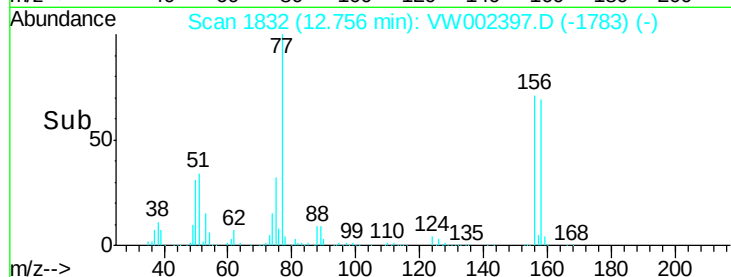
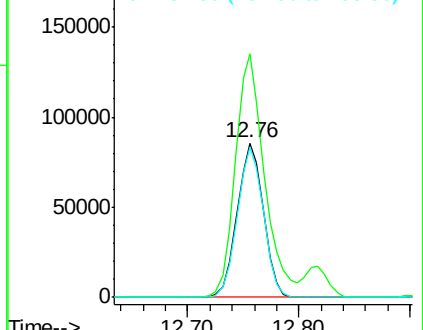
158 97.1 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.26 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002397.D

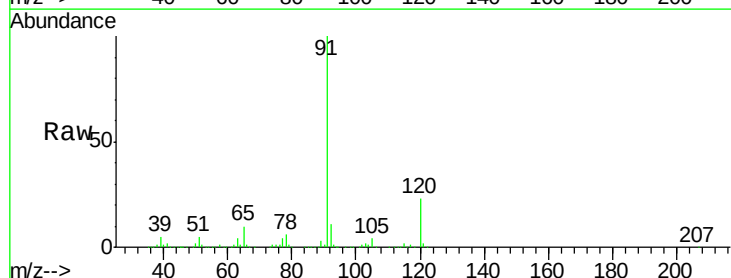
Acq: 10 May 2018 23:33

Tgt Ion: 91 Resp: 654732

Ion Ratio Lower Upper

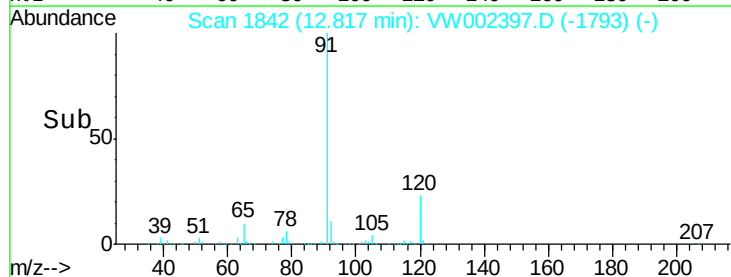
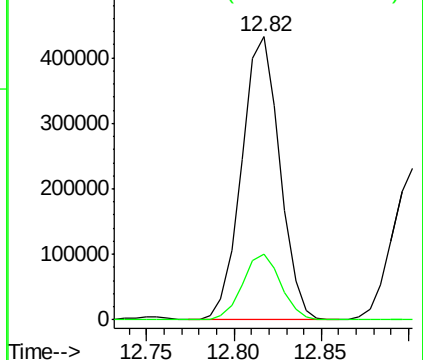
91 100

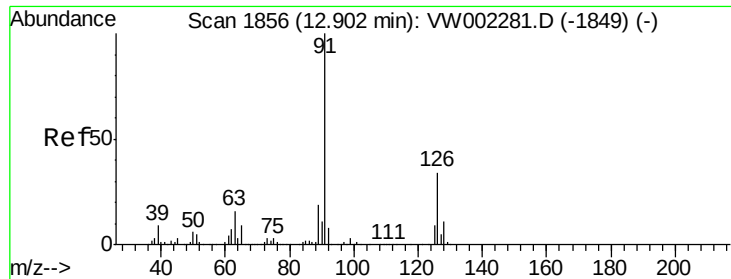
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.28 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

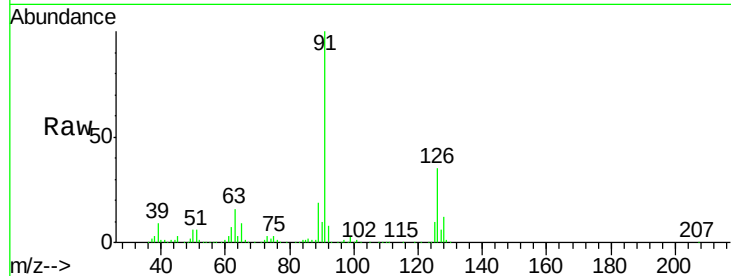
ClientSampled :

Tot Ion: 91 Resp: 369990

Ion Ratio Lower Upper

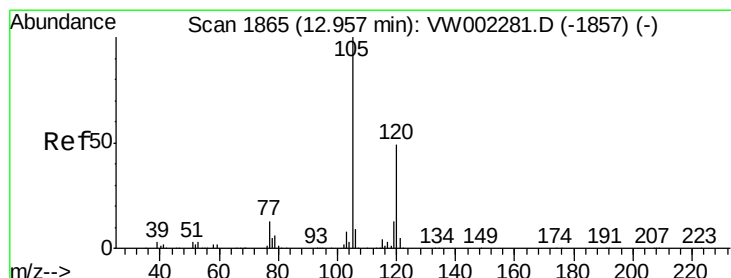
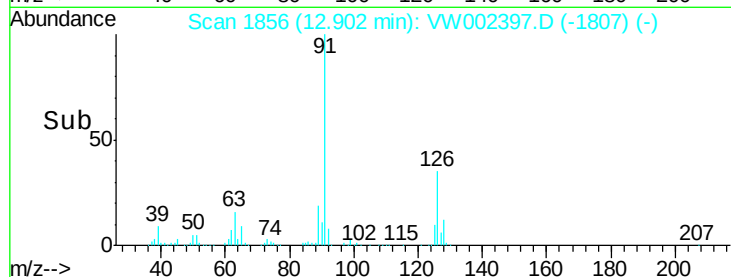
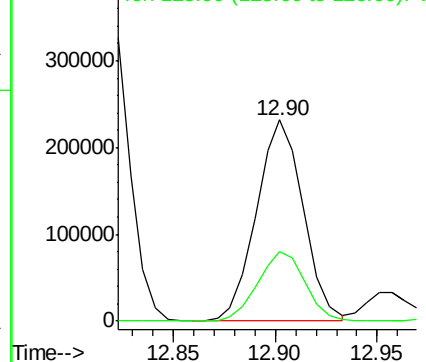
91 100

126 35.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.00 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002397.D

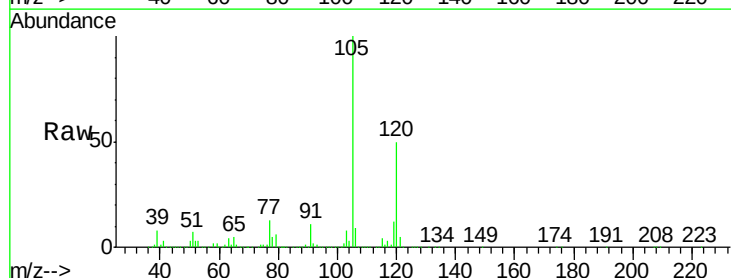
Acq: 10 May 2018 23:33

Tgt Ion:105 Resp: 462317

Ion Ratio Lower Upper

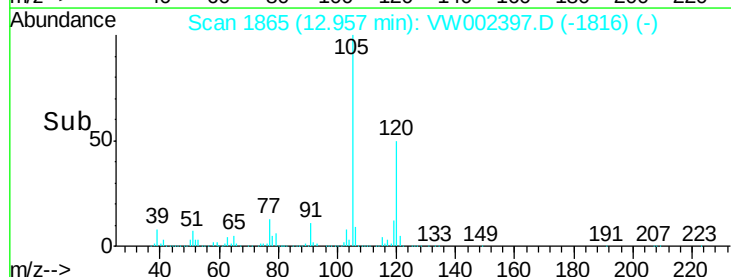
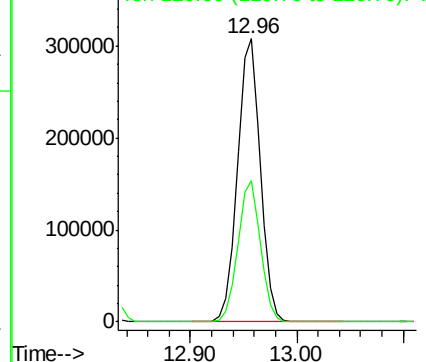
105 100

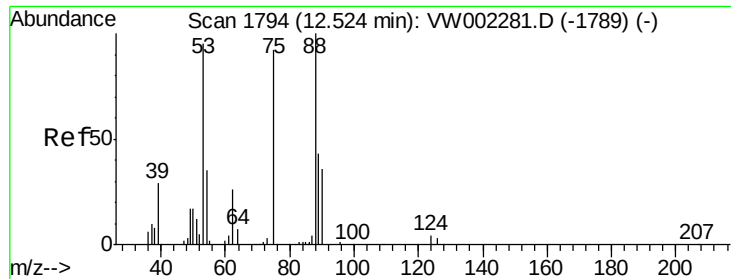
120 49.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 58.80 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

ClientSampleId :

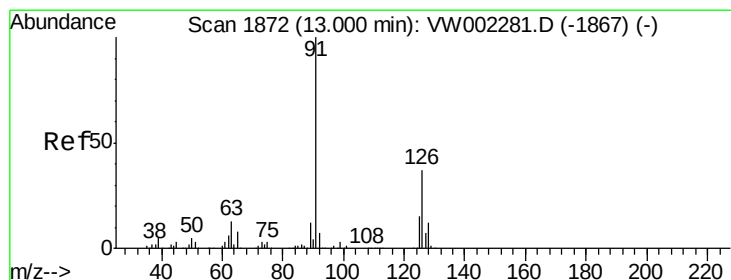
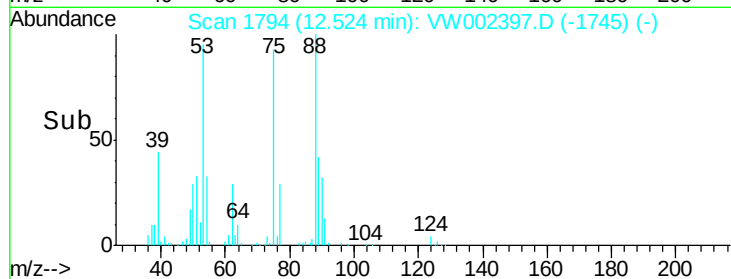
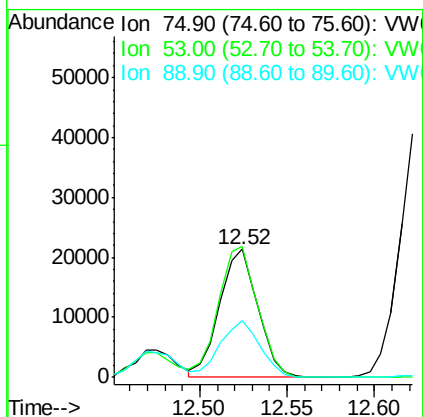
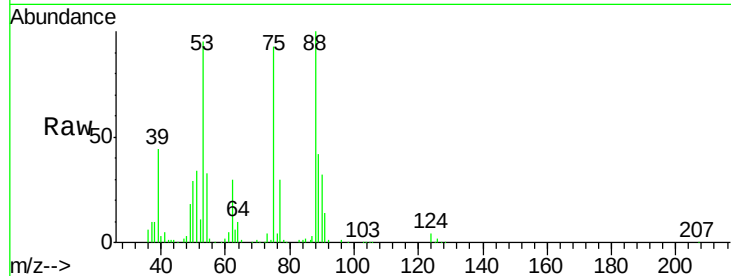
Tot Ion: 75 Resp: 32210

Ion Ratio Lower Upper

75 100

53 104.3 79.9 119.9

89 46.9 37.6 56.4



#82

4-Chlorotoluene

Concen: 51.38 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002397.D

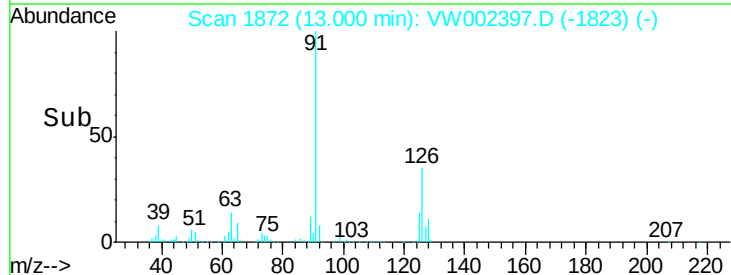
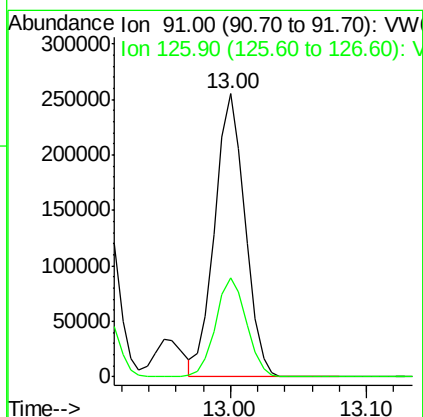
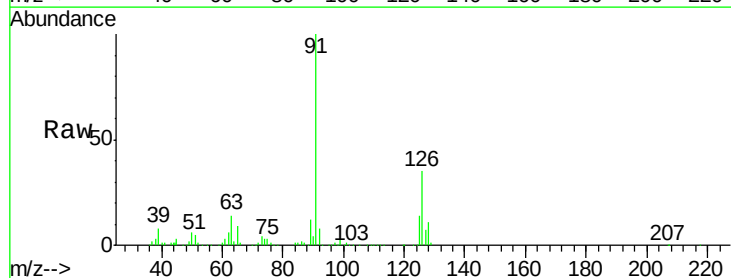
Acq: 10 May 2018 23:33

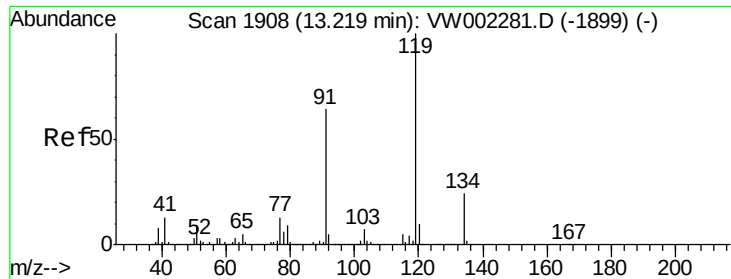
Tgt Ion: 91 Resp: 394209

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3

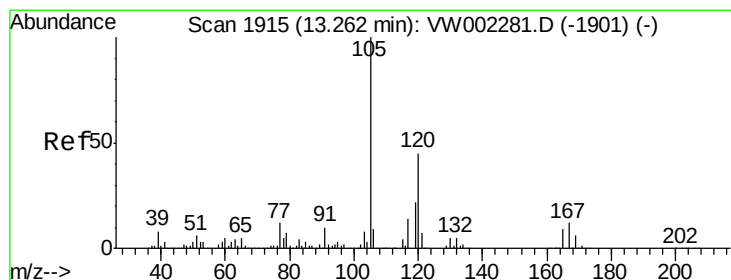
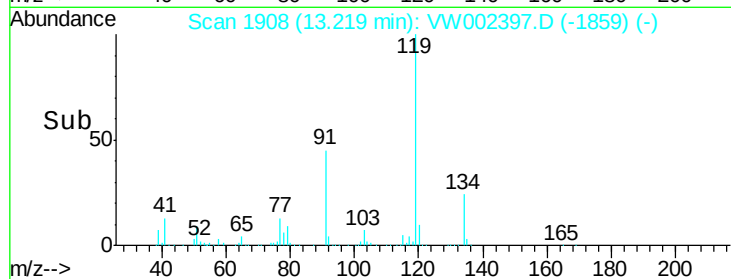
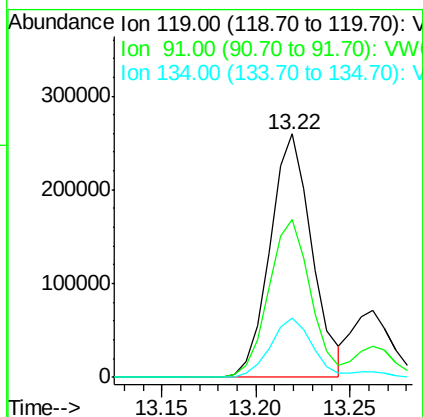
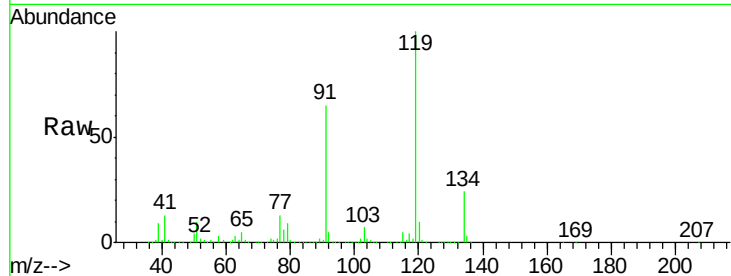




#83
 tert-Butylbenzene
 Concen: 52.21 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

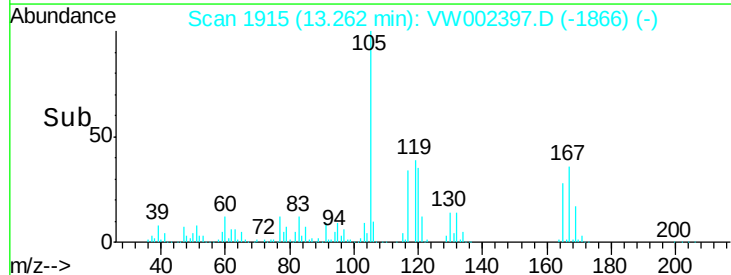
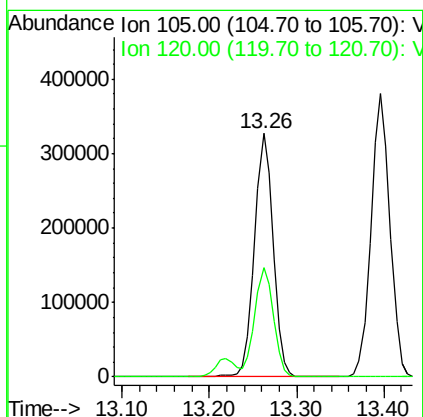
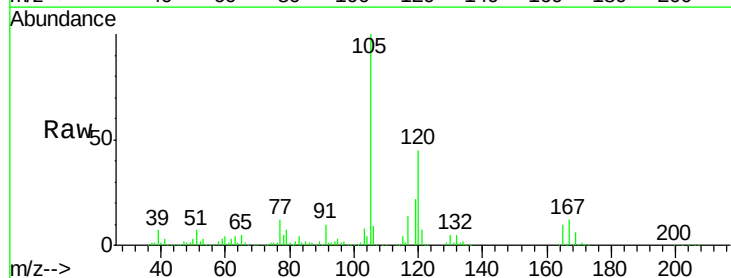
Instrument :
 MSVOA_W
 ClientSampleId :

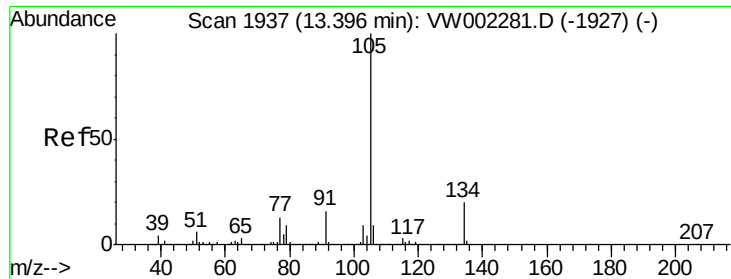
Tot Ion:119 Resp: 399632
 Ion Ratio Lower Upper
 119 100
 91 64.7 31.6 94.8
 134 24.6 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.45 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion:105 Resp: 483417
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5

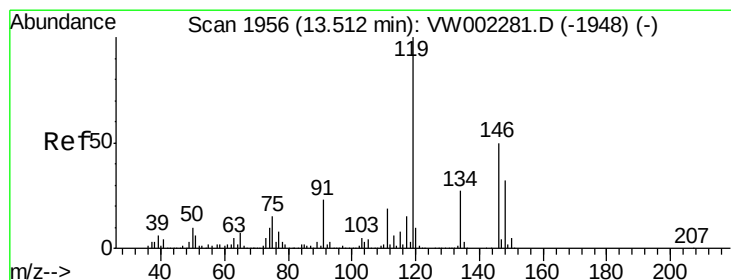
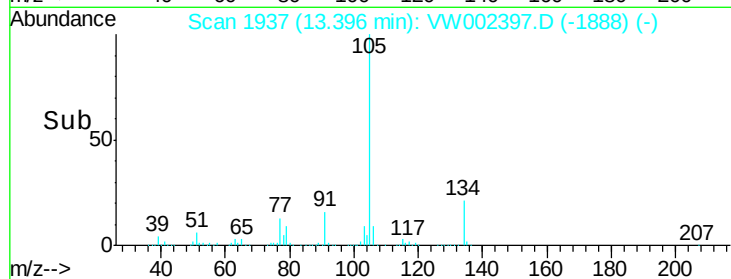
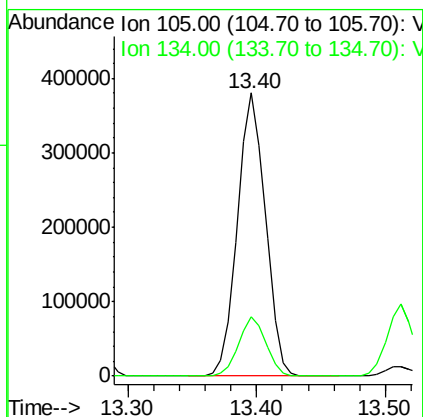
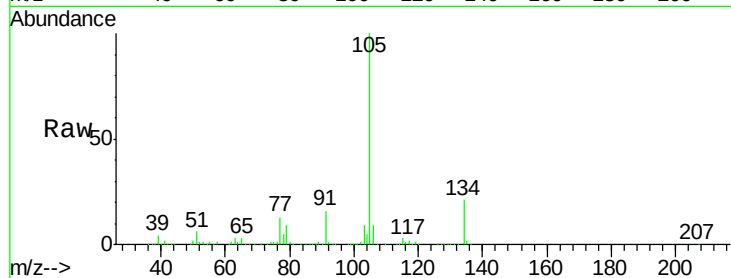




#85
 sec-Butylbenzene
 Concen: 52.42 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

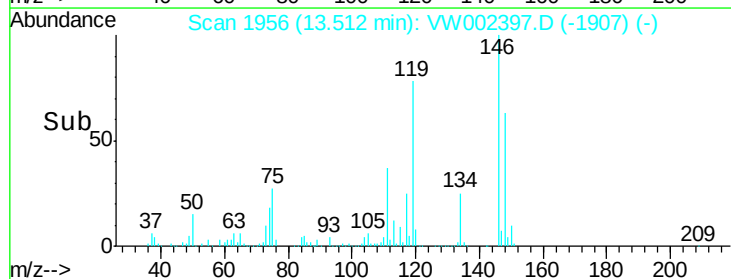
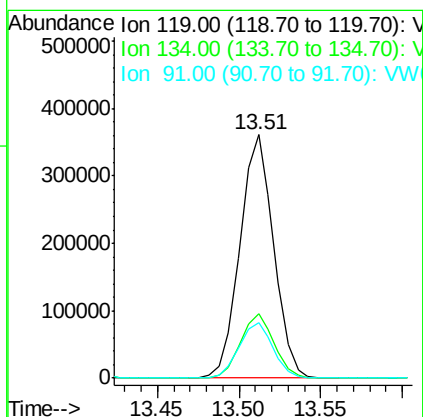
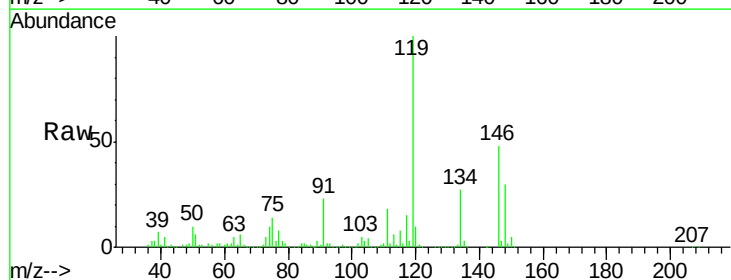
Instrument :
 MSVOA_W
 ClientSampled :

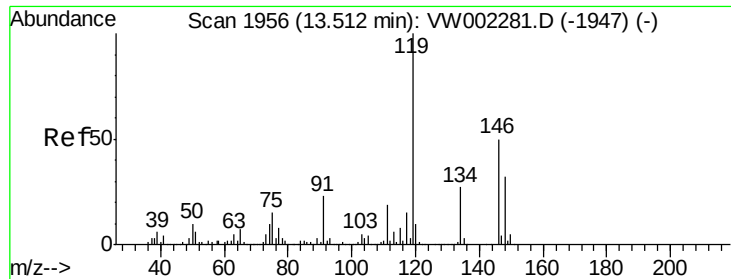
Tot Ion:105 Resp: 572863
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 53.08 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion:119 Resp: 518700
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.3 11.8 35.3

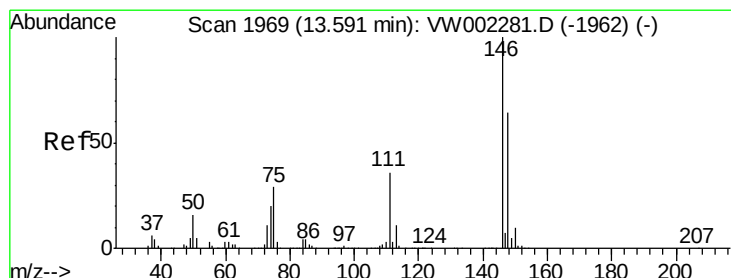
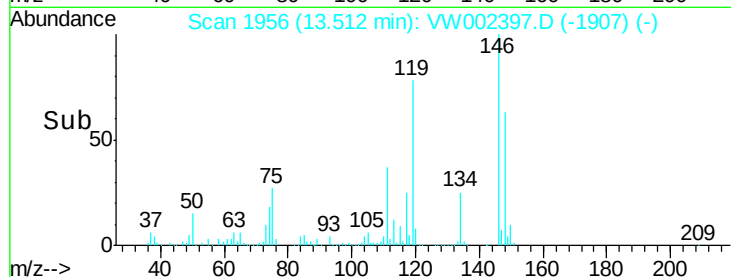
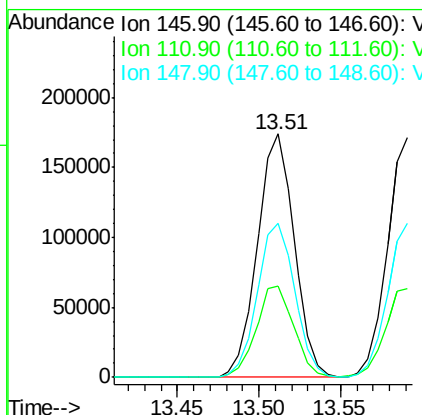
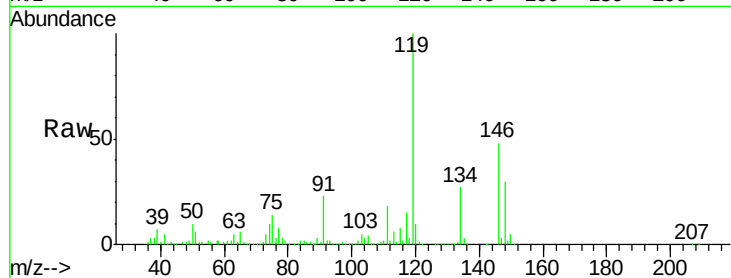




#87
 1,3-Dichlorobenzene
 Concen: 52.01 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

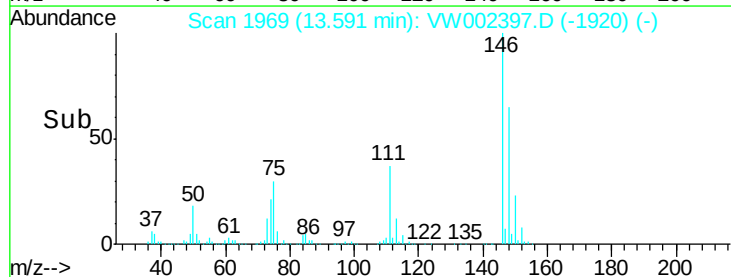
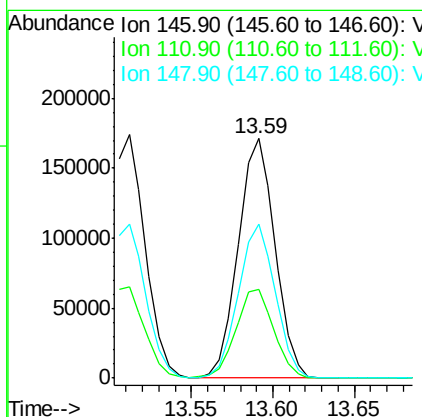
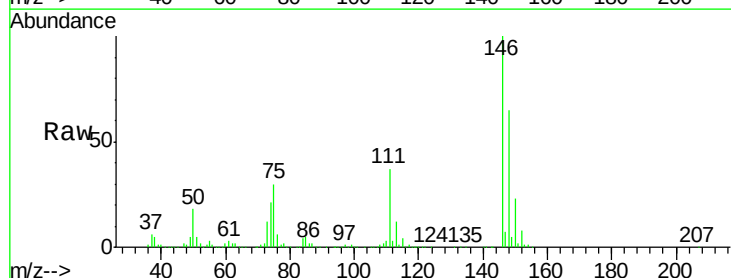
Instrument :
 MSVOA_W
 ClientSampleId :

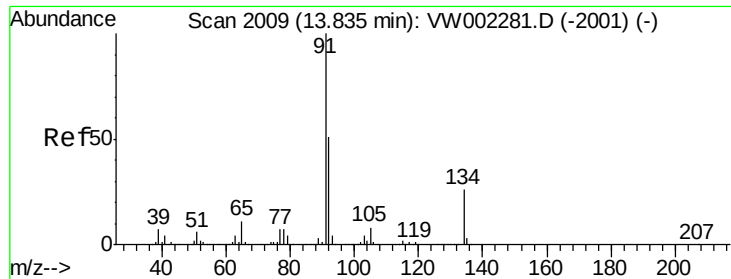
Tot Ion:146 Resp: 274295
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.8
 148 64.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.06 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion:146 Resp: 268805
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 64.8 32.3 96.9

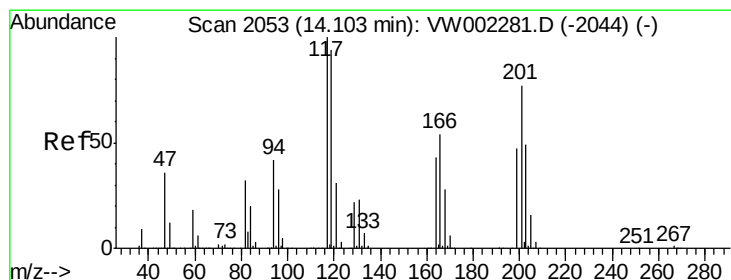
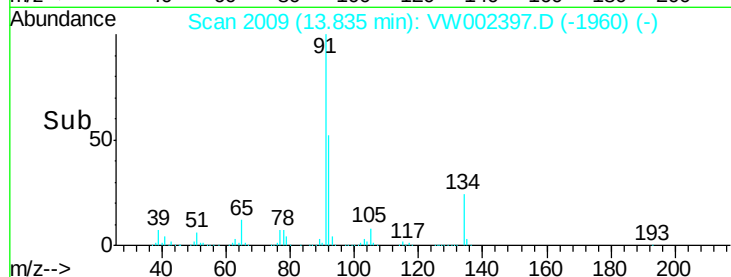
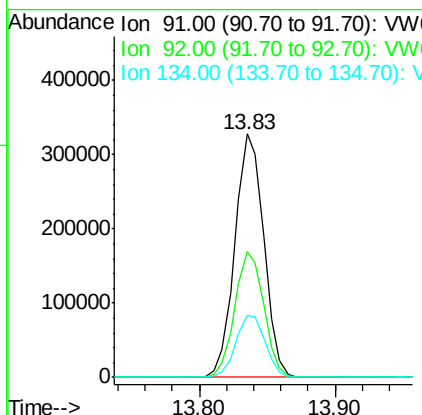
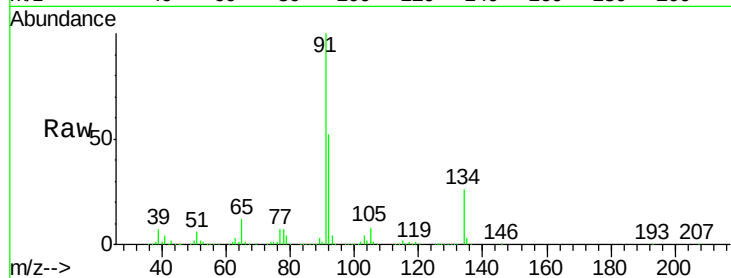




#89
n-Butylbenzene
Concen: 53.02 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

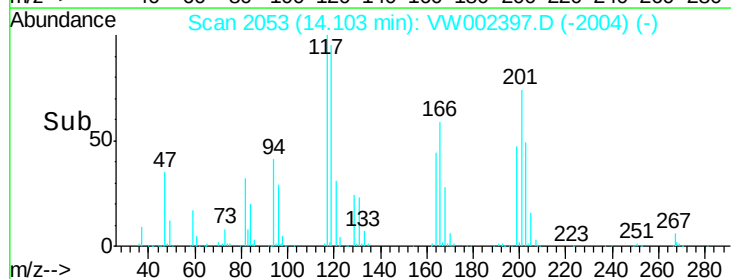
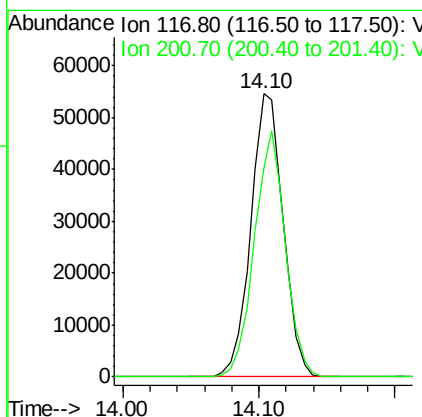
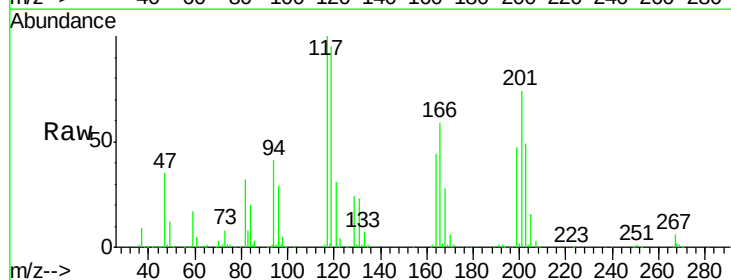
Instrument :
MSVOA_W
ClientSampled :

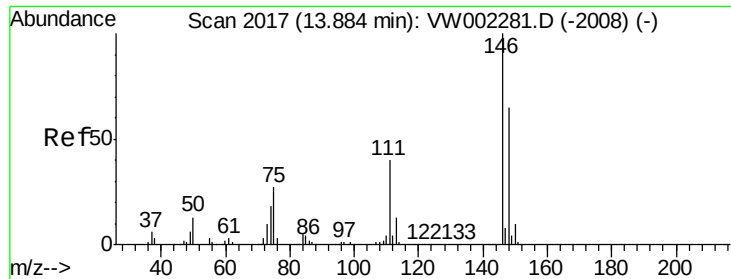
Tot Ion: 91 Resp: 484751
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 26.0 13.1 39.1



#90
Hexachloroethane
Concen: 52.18 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW002397.D
Acq: 10 May 2018 23:33

Tgt Ion: 117 Resp: 91173
Ion Ratio Lower Upper
117 100
201 82.9 42.2 126.6

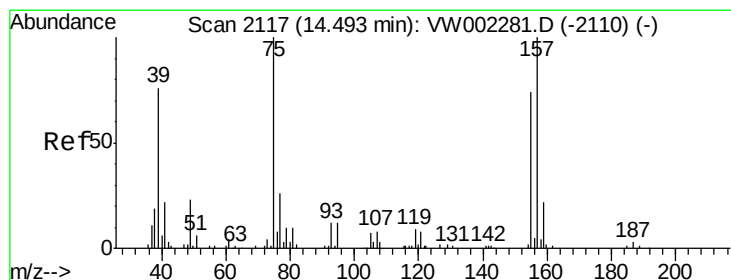
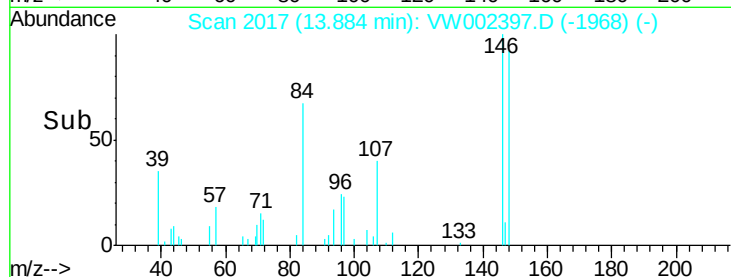
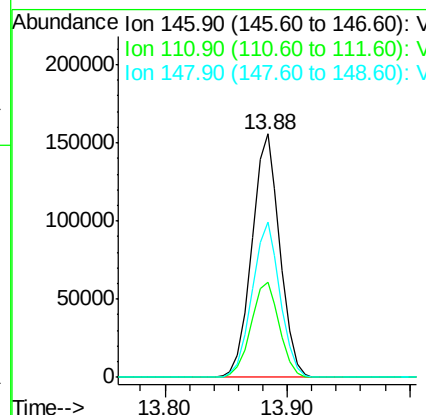
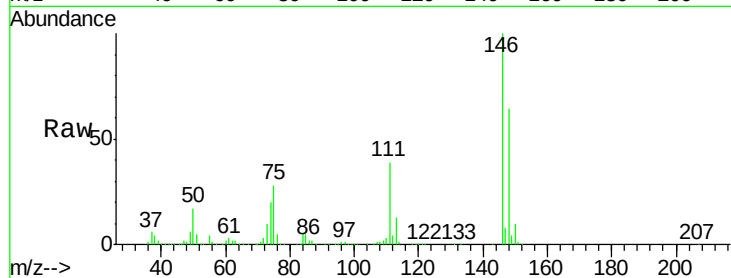




#91
 1,2-Dichlorobenzene
 Concen: 51.48 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

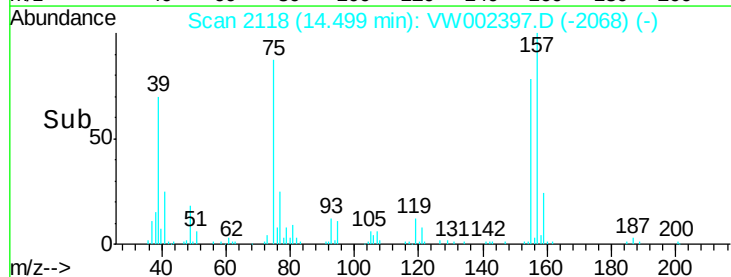
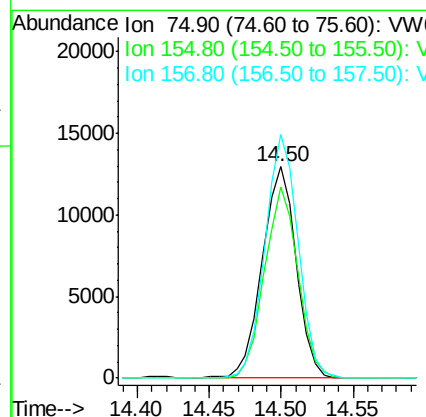
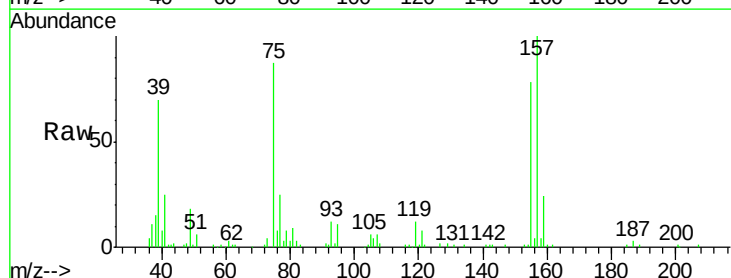
Instrument :
 MSVOA_W
 ClientSampleId :

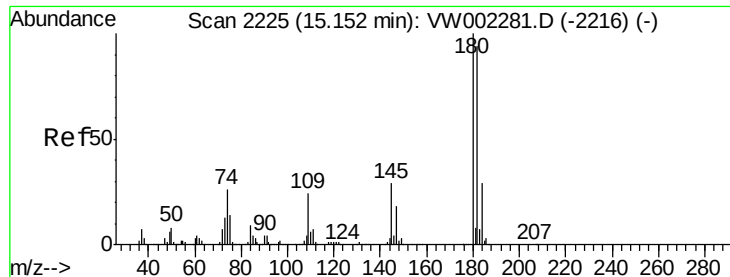
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	64.0	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.78 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	43.3	129.8
157	112.1	55.8	167.4

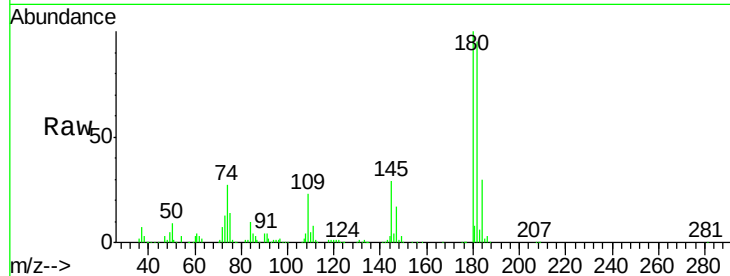




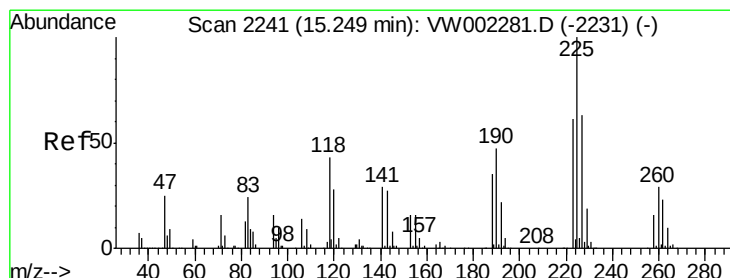
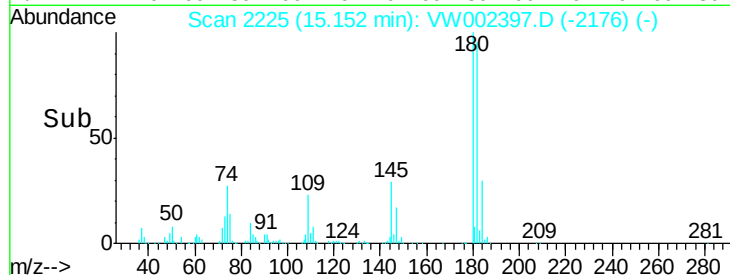
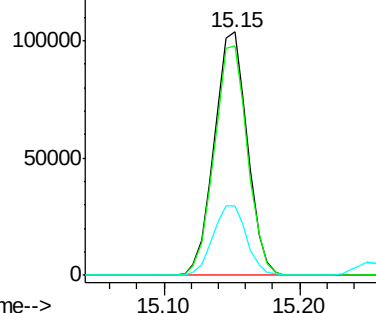
#93
 1,2,4-Trichlorobenzene
 Concen: 51.57 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 176381
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.3 141.8
 145 29.1 14.5 43.6

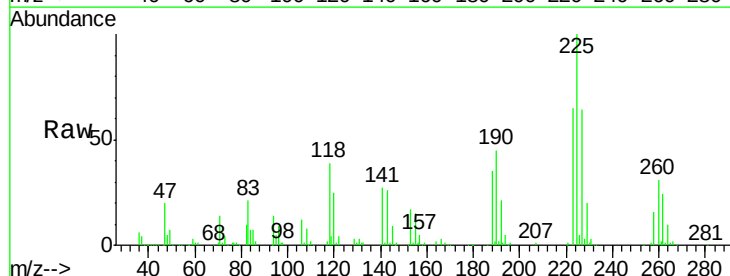


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

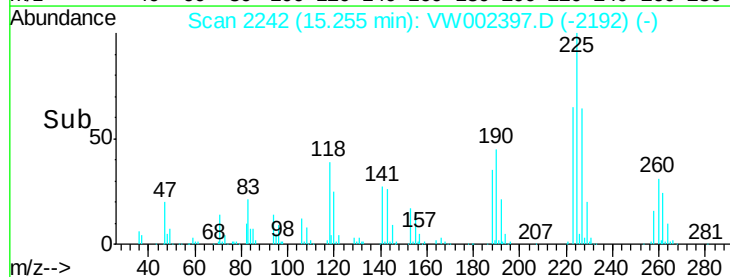
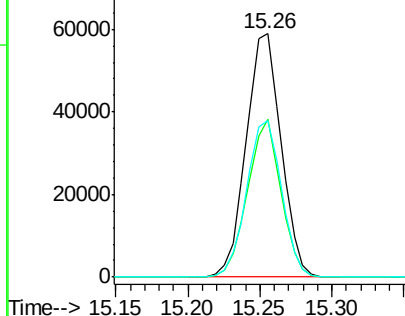


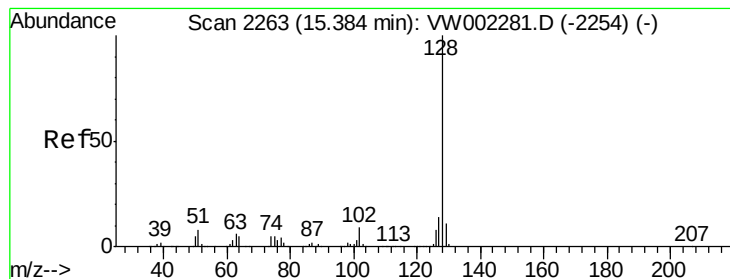
#94
 Hexachlorobutadiene
 Concen: 51.87 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW002397.D
 Acq: 10 May 2018 23:33

Tgt Ion:225 Resp: 98840
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 64.2 32.0 96.0



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





#95

Naphthalene

Concen: 57.13 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

Instrument :

MSVOA_W

ClientSampled :

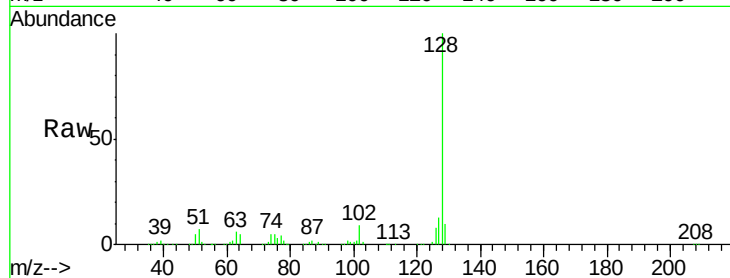
Tot Ion:128 Resp: 359241

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

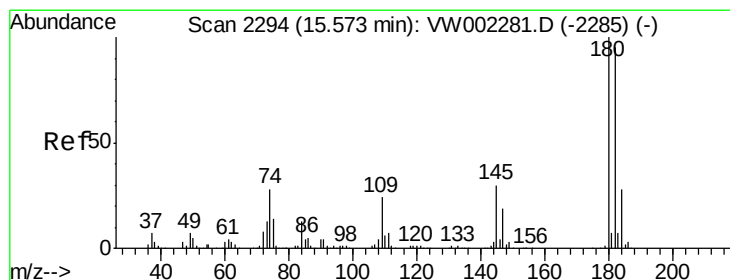
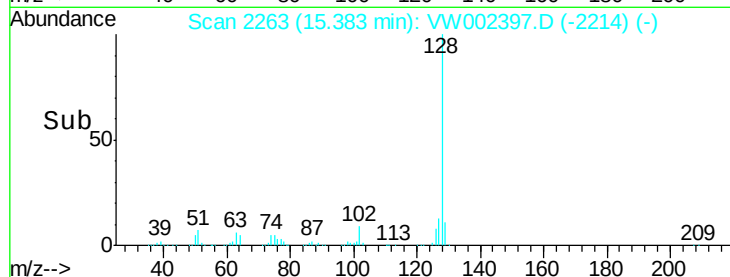
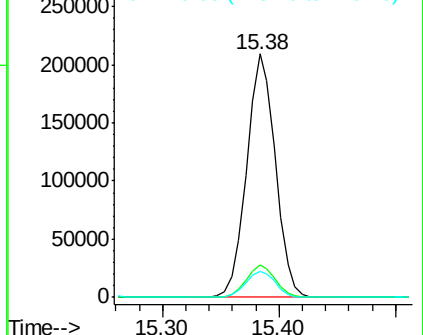
129 10.9 8.7 13.1



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: 52.55 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VW002397.D

Acq: 10 May 2018 23:33

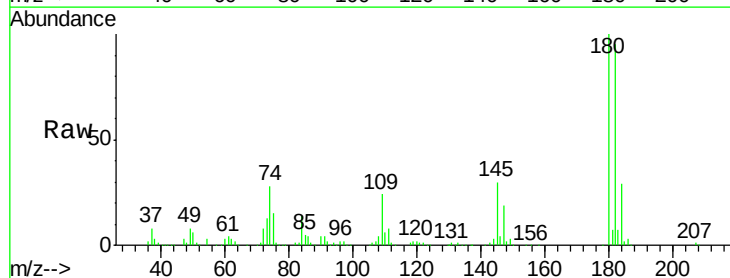
Tgt Ion:180 Resp: 161179

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

145 31.4 15.7 47.0



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

