

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV103118\
 Data File : VW006514.D
 Acq On : 30 Oct 2018 20:36
 Operator : SY/AP
 Sample : J5649-07MS
 Misc : 4.90G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Quant Time: Oct 31 03:50:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	135929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37120	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46389	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.88	113	47667	59.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.70%	
50) Toluene-d8	10.33	98	162856	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	41505	36.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35347	68.496	ug/l	95
3) Chloromethane	2.21	50	42527	64.020	ug/l	99
4) Vinyl Chloride	2.37	62	62618	66.008	ug/l	97
5) Bromomethane	2.78	94	53436	61.931	ug/l	97
6) Chloroethane	2.93	64	44209	65.029	ug/l	97
7) Trichlorofluoromethane	3.26	101	74974	84.838	ug/l	100
8) Diethyl Ether	3.68	74	35433	75.443	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	61485	66.389	ug/l	98
10) Methyl Iodide	4.26	142	101606	65.915	ug/l	99
11) Tert butyl alcohol	5.18	59	21292	366.187	ug/l	99
12) 1,1-Dichloroethene	4.03	96	52439	60.184	ug/l	89
13) Acrolein	3.89	56	14007	248.955	ug/l	97
14) Allyl chloride	4.67	41	69245	55.581	ug/l	98
15) Acrylonitrile	5.37	53	66926	397.287	ug/l	100
16) Acetone	4.13	43	72850	461.683	ug/l	94
17) Carbon Disulfide	4.37	76	116911	44.459	ug/l	98
18) Methyl Acetate	4.67	43	37078	85.221	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	114402	86.205	ug/l	100
20) Methylene Chloride	4.91	84	67539	74.631	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	52029	53.497	ug/l	97
22) Diisopropyl ether	6.31	45	176474	71.680	ug/l	100
23) Vinyl Acetate	6.26	43	446206	307.107	ug/l	97
24) 1,1-Dichloroethane	6.21	63	105539	66.435	ug/l	100
25) 2-Butanone	7.17	43	91925	393.584	ug/l	98
26) 2,2-Dichloropropane	7.17	77	81823	73.028	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63590	59.250	ug/l	100
28) Bromochloromethane	7.51	49	39434	64.299	ug/l	93
29) Tetrahydrofuran	7.53	42	58158	405.104	ug/l	98
30) Chloroform	7.68	83	114989	66.437	ug/l	99
31) Cyclohexane	7.96	56	87187	55.111	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	108638	69.583	ug/l	99
36) 1,1-Dichloropropene	8.09	75	75217	60.035	ug/l	99
37) Ethyl Acetate	7.26	43	40206	86.373	ug/l	99
38) Carbon Tetrachloride	8.07	117	97654	71.100	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	88878	53.366	ug/l	100
40) Benzene	8.32	78	240667	70.027	ug/l	98
41) Methacrylonitrile	7.49	41	23524	83.829	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72908	72.206	ug/l	99
43) Isopropyl Acetate	8.43	43	77423	81.346	ug/l	97
44) Trichloroethene	9.09	130	62532	59.306	ug/l	100
45) 1,2-Dichloropropane	9.37	63	58711	71.390	ug/l	99
46) Dibromomethane	9.46	93	32633	69.621	ug/l	97
47) Bromodichloromethane	9.65	83	76723	67.514	ug/l	98
48) Methyl methacrylate	9.44	41	34081	75.542	ug/l	94
49) 1,4-Dioxane	9.46	88	12139	1682.268	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	200507	420.462	ug/l	99
52) Toluene	10.39	92	145031	62.945	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61533	54.347	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	75024	57.735	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	50098	76.377	ug/l	98
56) Ethyl methacrylate	10.65	69	57528	71.542	ug/l	95
57) 1,3-Dichloropropane	10.93	76	76423	70.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96439	313.867	ug/l	97
59) 2-Hexanone	10.97	43	127279	373.900	ug/l	97
60) Dibromochloromethane	11.13	129	53174	65.083	ug/l	97
61) 1,2-Dibromoethane	11.24	107	42831	65.352	ug/l	98
64) Tetrachloroethene	10.87	164	52784	66.722	ug/l	97
65) Chlorobenzene	11.66	112	138920	63.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	65300	84.229	ug/l	98
67) Ethyl Benzene	11.74	91	250234	66.189	ug/l	99
68) m/p-Xylenes	11.84	106	195352	130.731	ug/l	98
69) o-Xylene	12.17	106	101486	71.263	ug/l	100
70) Styrene	12.18	104	133343	57.580	ug/l	99
71) Bromoform	12.35	173	34233	79.166	ug/l #	98
73) Isopropylbenzene	12.47	105	264351	100.804	ug/l	99
74) N-amyl acetate	12.28	43	53771	105.569	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	57855	145.052	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	63340	223.403	ug/l #	100
77) Bromobenzene	12.75	156	55928	87.072	ug/l	97
78) n-propylbenzene	12.81	91	253260	83.010	ug/l	99
79) 2-Chlorotoluene	12.90	91	148699	86.745	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	208585	94.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12608	106.298	ug/l	98
82) 4-Chlorotoluene	12.99	91	128959	71.816	ug/l	100
83) tert-Butylbenzene	13.21	119	207439	104.875	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	200196	89.490	ug/l	98
85) sec-Butylbenzene	13.39	105	239505	85.711	ug/l	99
86) p-Isopropyltoluene	13.51	119	204109	80.756	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	83643	65.432	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	78987	62.059	ug/l	98
89) n-Butylbenzene	13.83	91	121006	52.350	ug/l	99
90) Hexachloroethane	14.10	117	41991	98.083	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	88103	77.266	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8256	115.611	ug/l	89

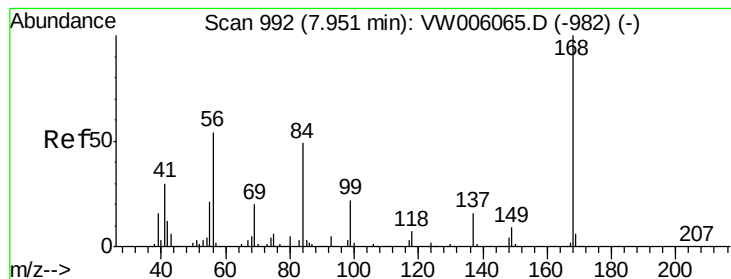
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31907	36.367	ug/l	99
94) Hexachlorobutadiene	15.24	225	27110	49.188	ug/l	98
95) Naphthalene	15.38	128	88213	60.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	33026	43.520	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

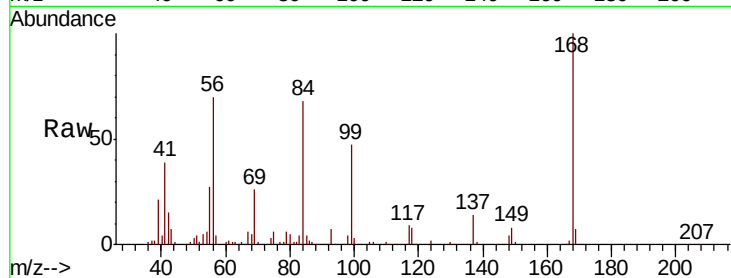
DL-03AMS

Tot Ion:168 Resp: 104282

Ion Ratio Lower Upper

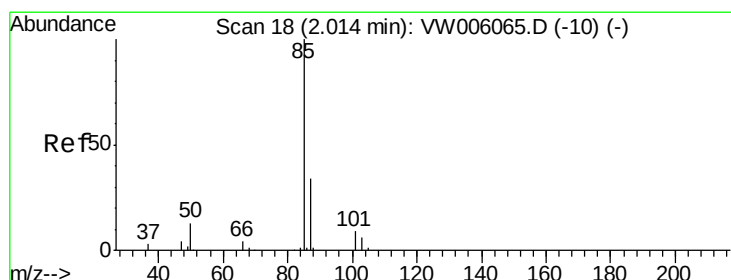
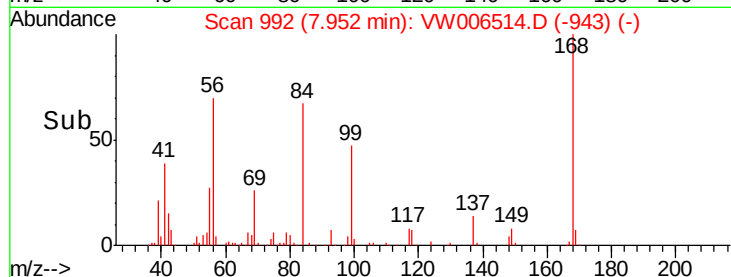
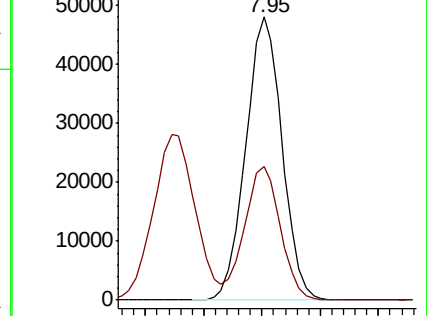
168 100

99 47.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 68.496 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006514.D

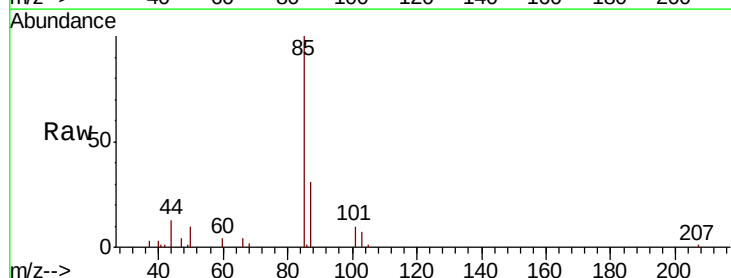
Acq: 30 Oct 2018 20:36

Tgt Ion: 85 Resp: 35347

Ion Ratio Lower Upper

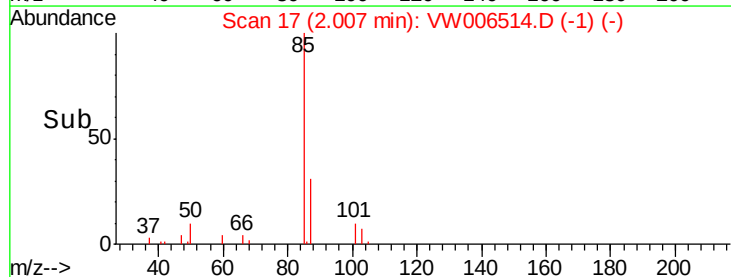
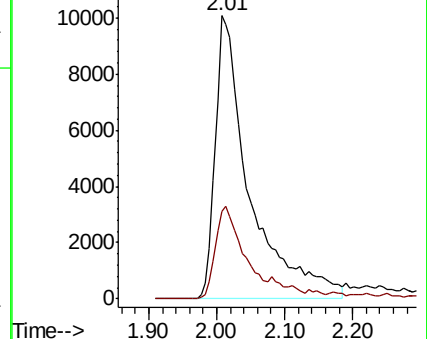
85 100

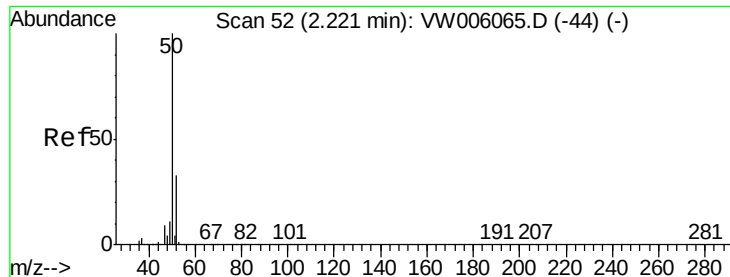
87 30.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 64.020 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

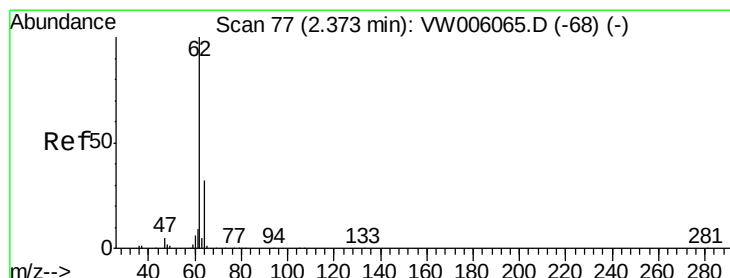
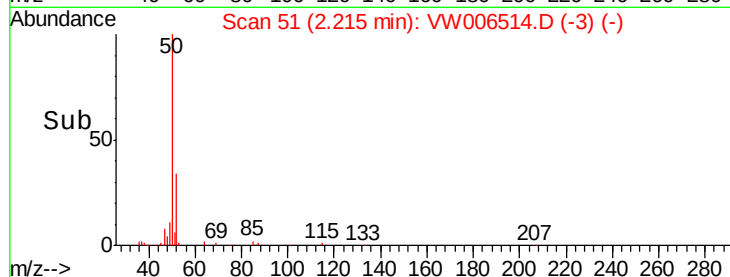
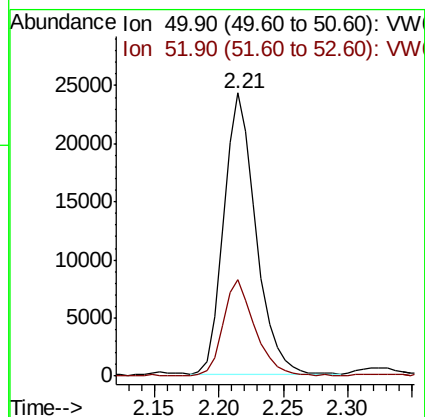
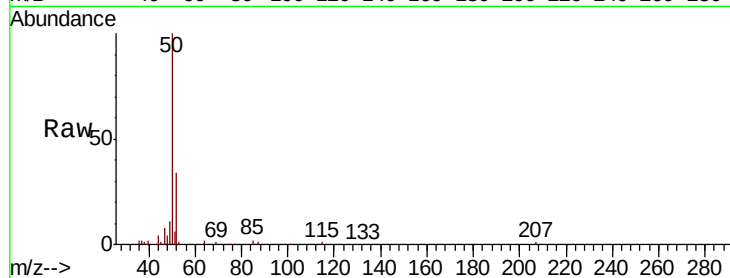
DL-03AMS

Tot Ion: 50 Resp: 42527

Ion Ratio Lower Upper

50 100

52 34.0 26.8 40.2



#4

Vinyl Chloride

Concen: 66.008 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006514.D

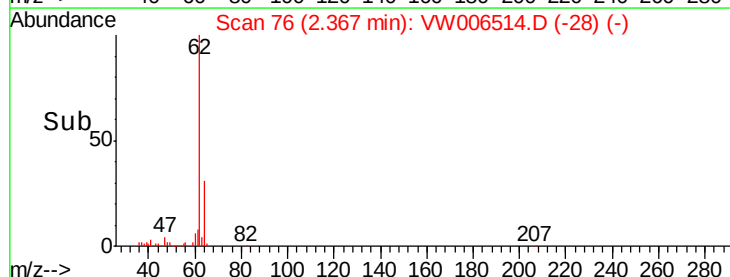
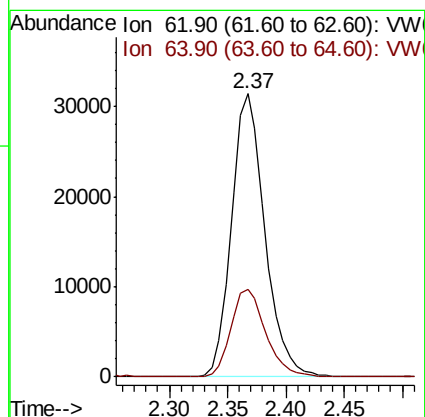
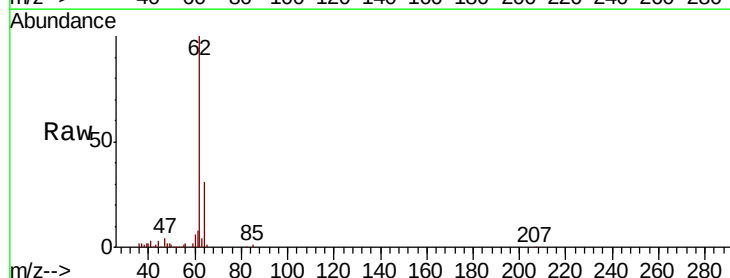
Acq: 30 Oct 2018 20:36

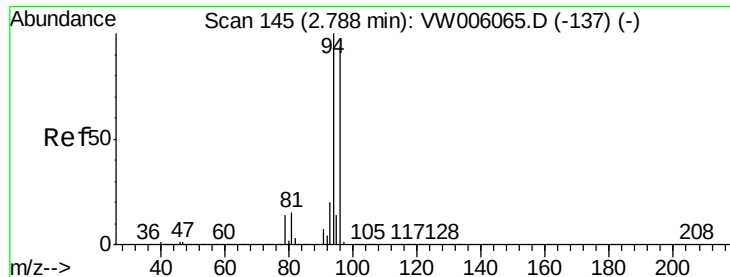
Tgt Ion: 62 Resp: 62618

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9





#5

Bromomethane

Concen: 61.931 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

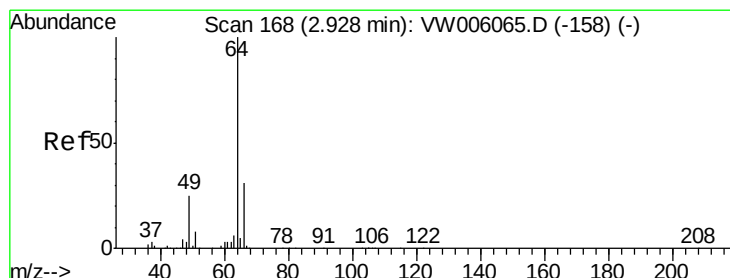
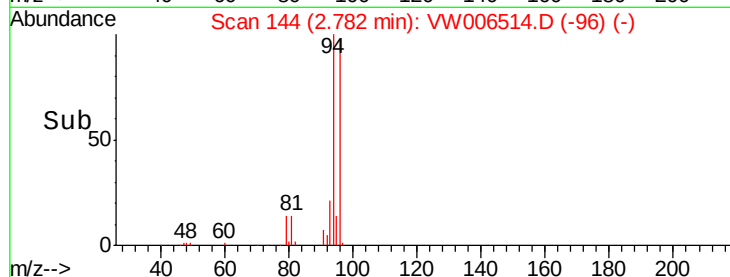
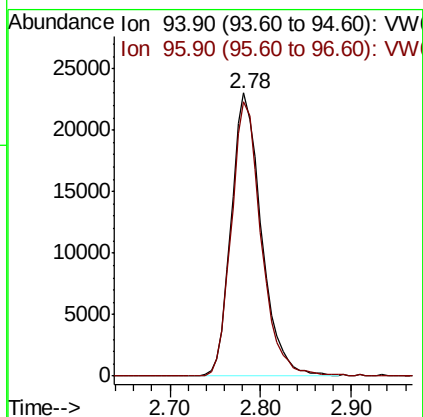
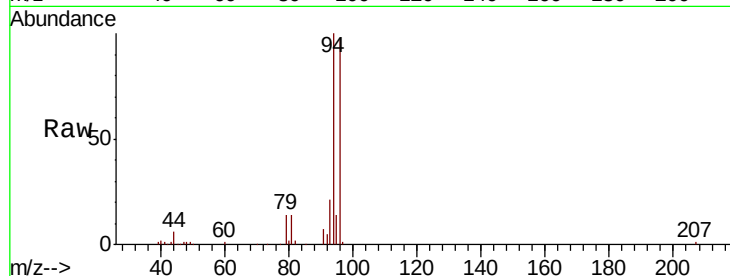
DL-03AMS

Tot Ion: 94 Resp: 53436

Ion Ratio Lower Upper

94 100

96 96.9 74.9 112.3



#6

Chloroethane

Concen: 65.029 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006514.D

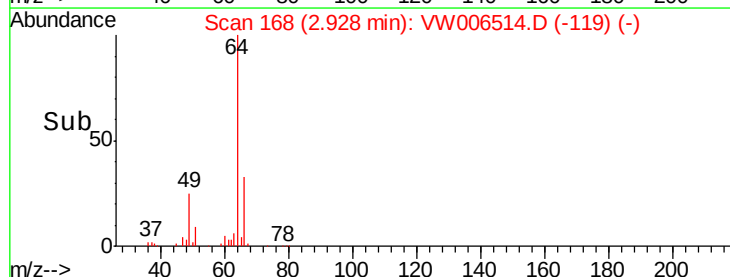
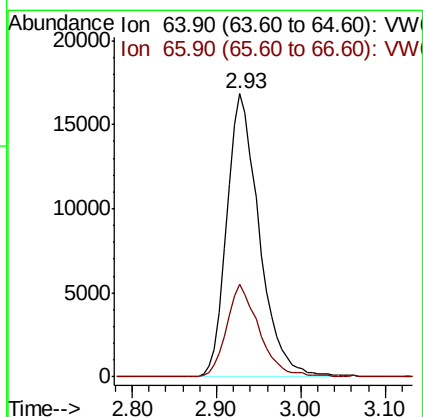
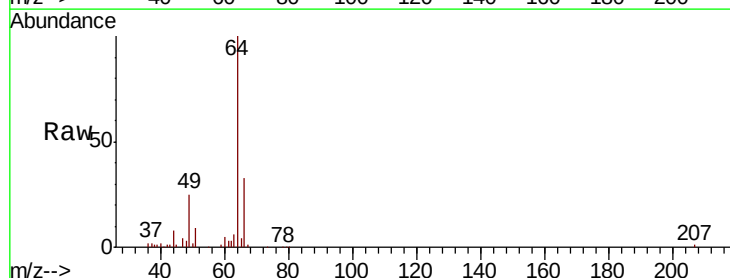
Acq: 30 Oct 2018 20:36

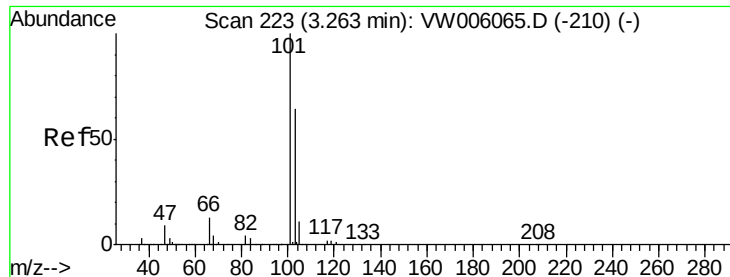
Tgt Ion: 64 Resp: 44209

Ion Ratio Lower Upper

64 100

66 32.8 24.9 37.3



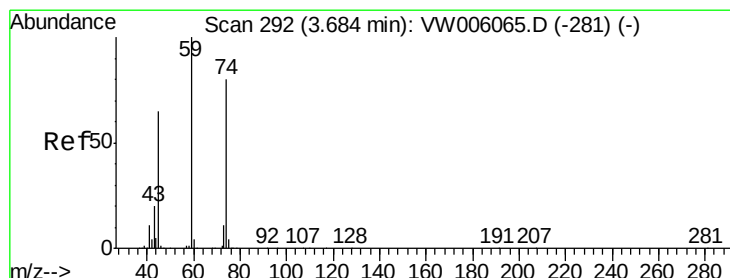
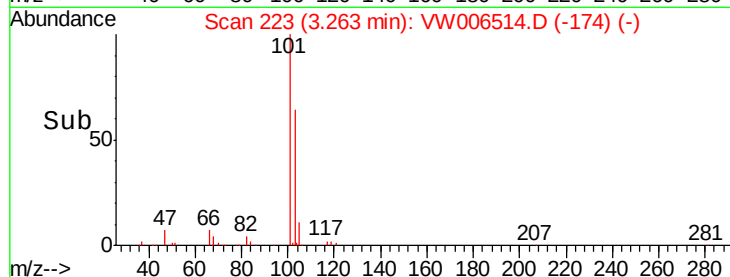
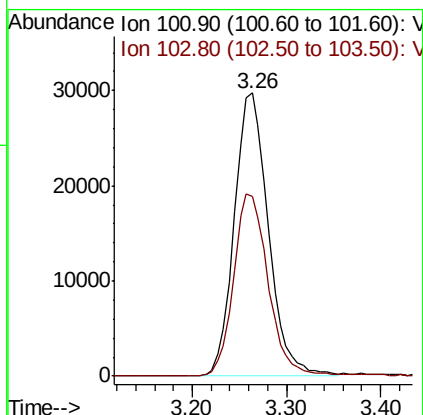
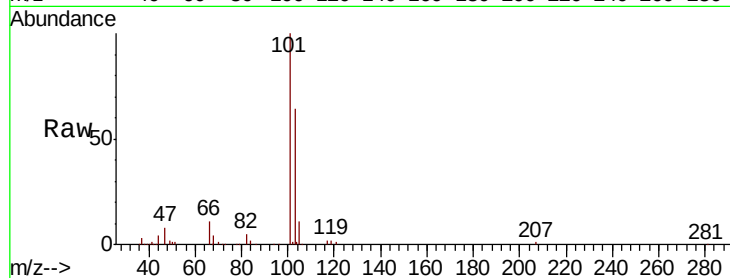


#7

Trichlorofluoromethane
 Concen: 84.838 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
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 ClientSampleId :
 DL-03AMS

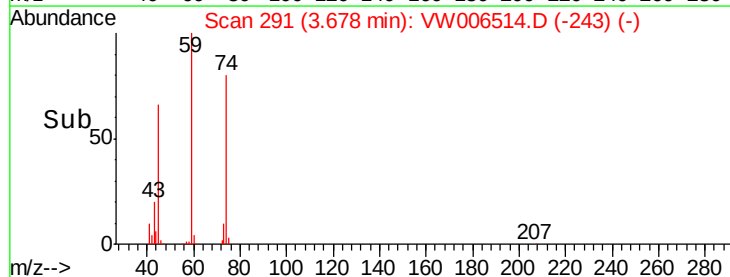
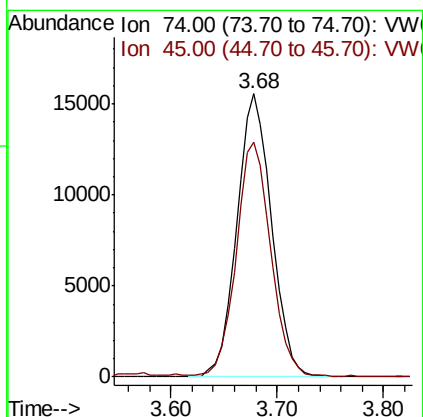
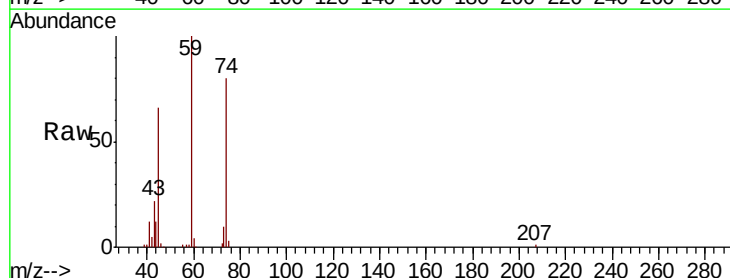
Tot Ion:101 Resp: 74974
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.2 76.8

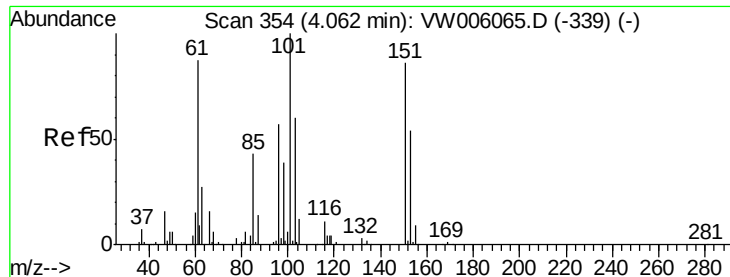


#8

Diethyl Ether
 Concen: 75.443 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion: 74 Resp: 35433
 Ion Ratio Lower Upper
 74 100
 45 82.9 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 66.389 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

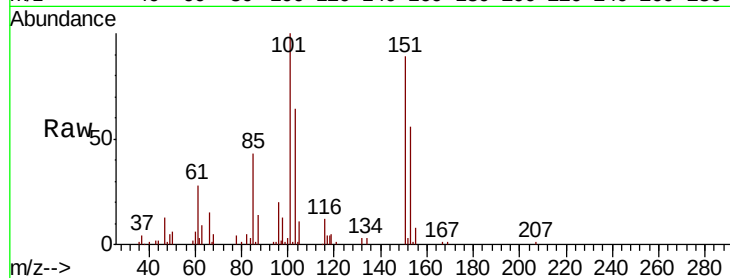
Tot Ion:101 Resp: 61485

Ion Ratio Lower Upper

101 100

85 43.3 34.9 52.3

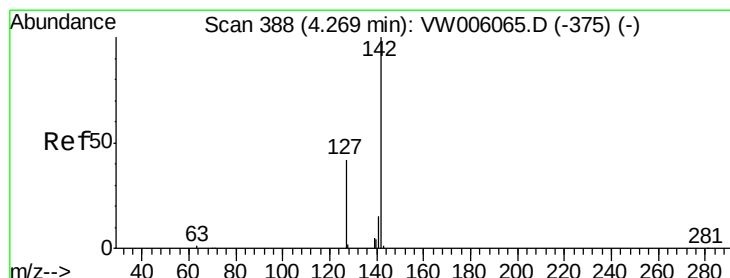
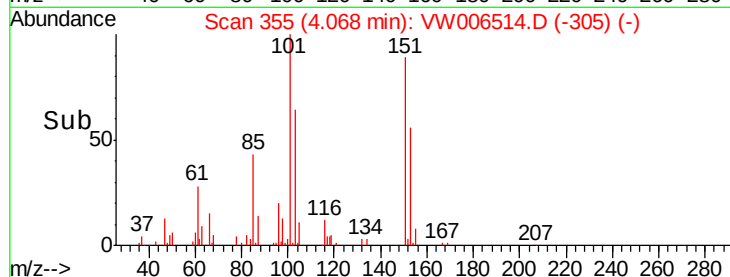
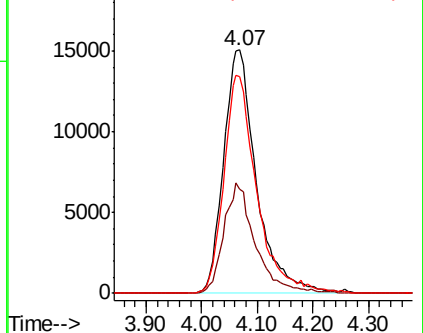
151 89.9 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 65.915 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

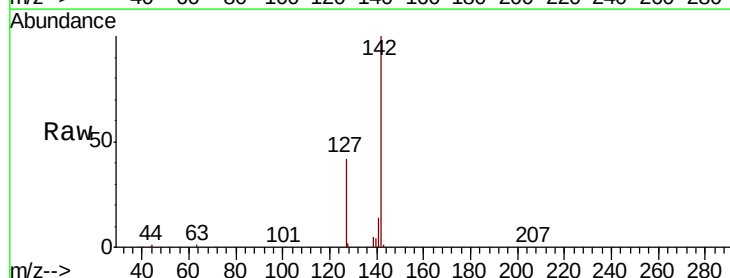
Tgt Ion:142 Resp: 101606

Ion Ratio Lower Upper

142 100

127 41.6 33.6 50.4

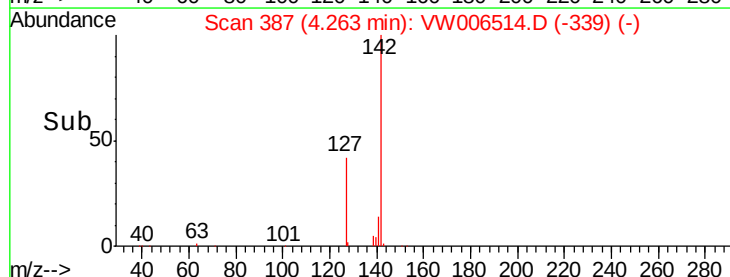
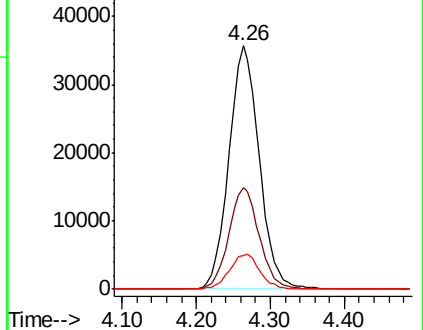
141 14.3 11.6 17.4

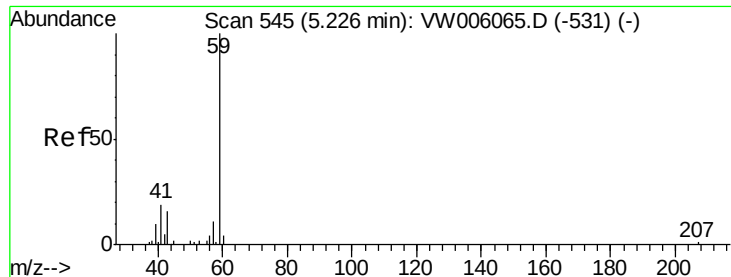


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

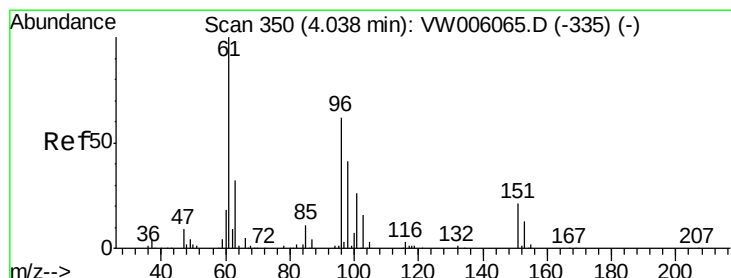
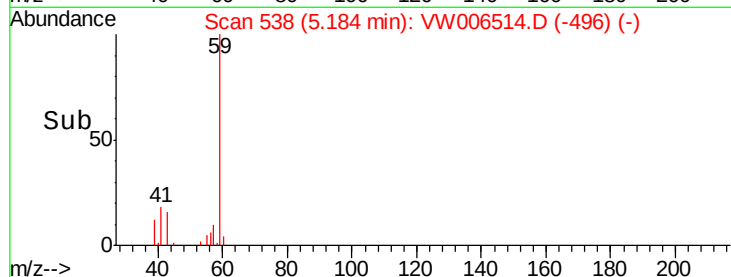
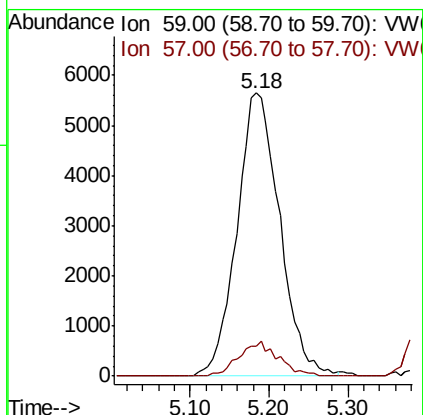
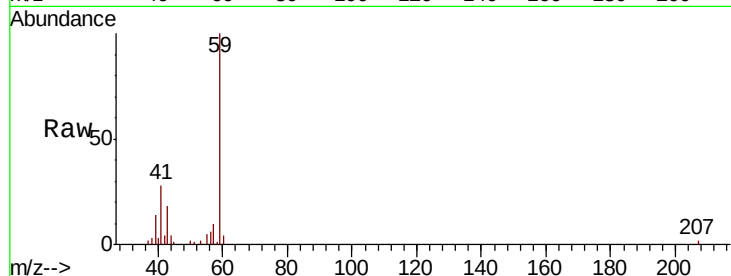




#11
Tert butyl alcohol
Concen: 366.187 ug/l
RT: 5.18 min Scan# 538
Delta R.T. -0.04 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

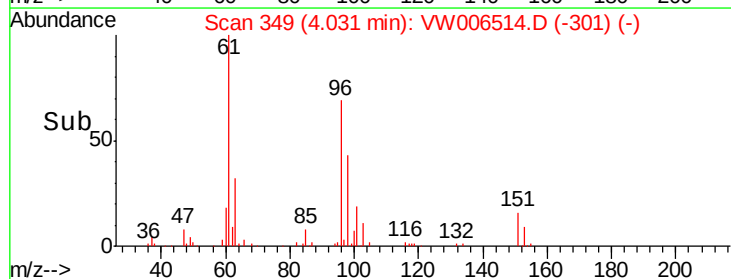
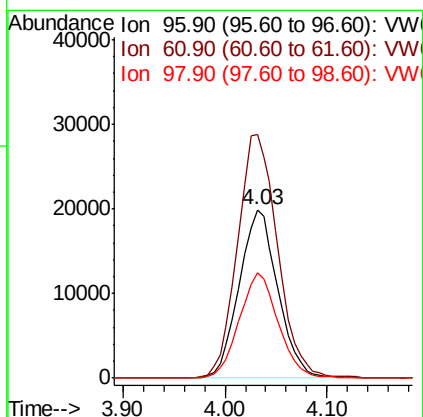
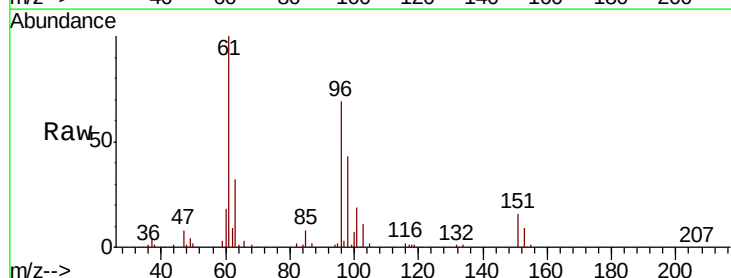
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

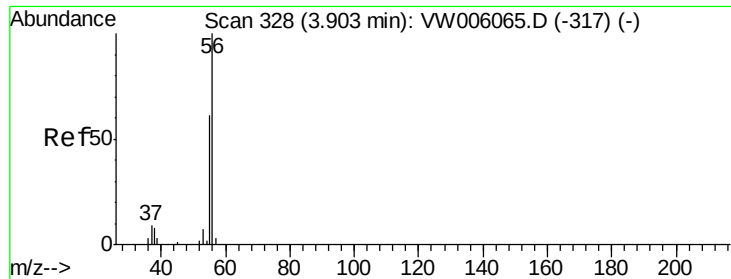
Tot Ion: 59 Resp: 21292
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 60.184 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 96 Resp: 52439
Ion Ratio Lower Upper
96 100
61 144.5 129.3 193.9
98 62.2 53.1 79.7

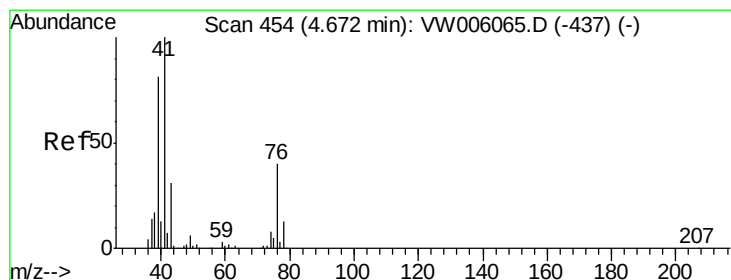
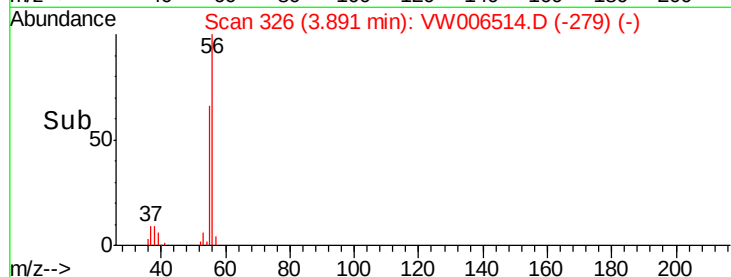
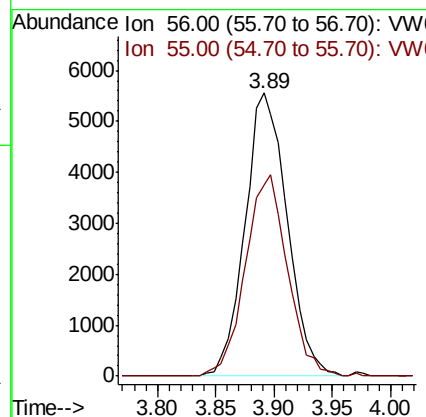
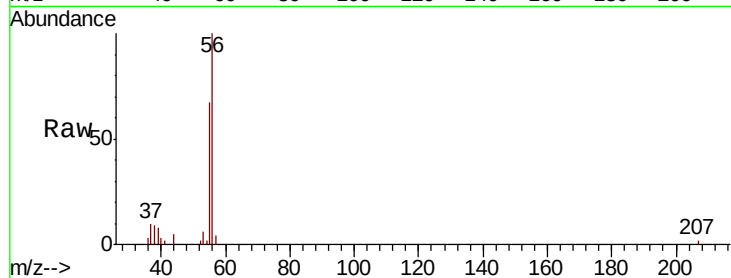




#13
Acrolein
Concen: 248.955 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

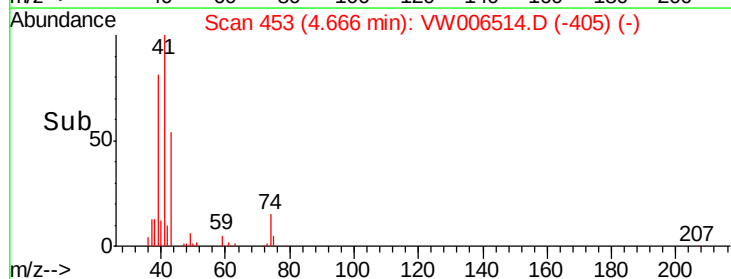
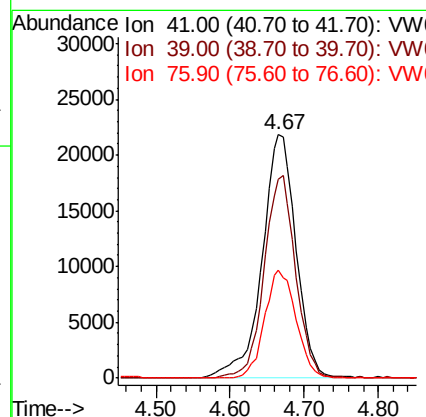
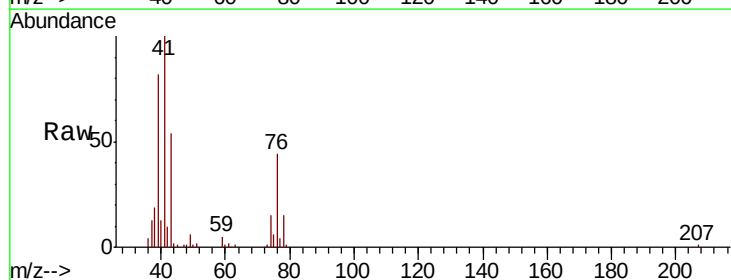
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

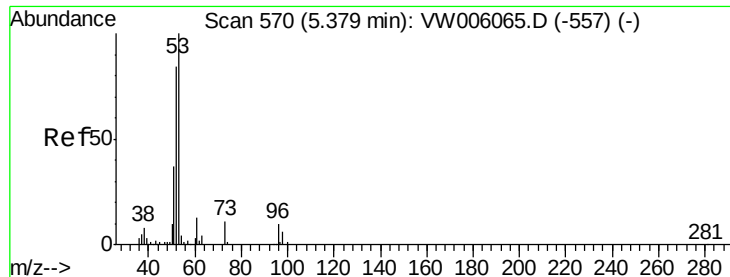
Tot Ion: 56 Resp: 14007
Ion Ratio Lower Upper
56 100
55 70.7 54.5 81.7



#14
Allyl chloride
Concen: 55.581 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 41 Resp: 69245
Ion Ratio Lower Upper
41 100
39 77.4 64.1 96.1
76 41.2 32.2 48.4





#15

Acrylonitrile

Concen: 397.287 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

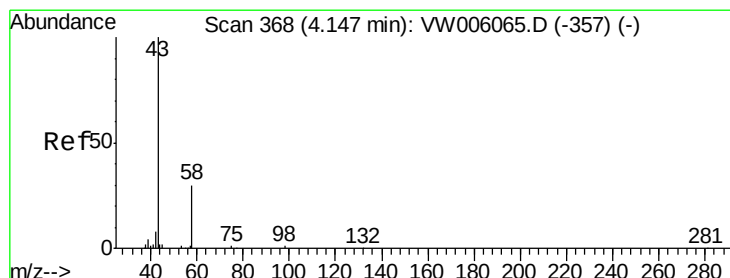
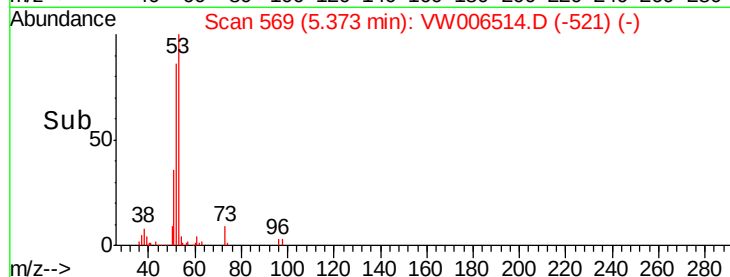
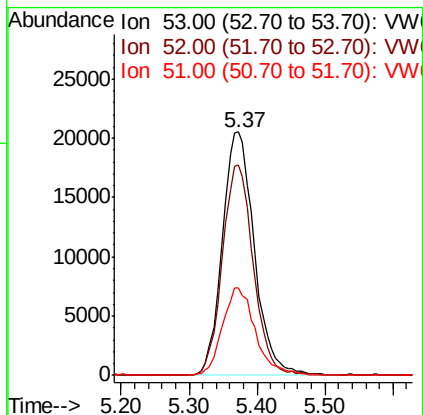
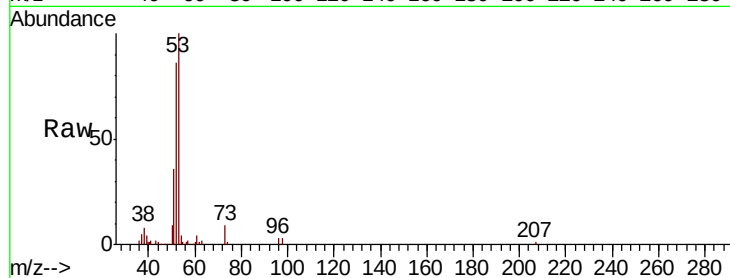
Tot Ion: 53 Resp: 66926

Ion Ratio Lower Upper

53 100

52 83.7 66.9 100.3

51 37.1 30.1 45.1



#16

Acetone

Concen: 461.683 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006514.D

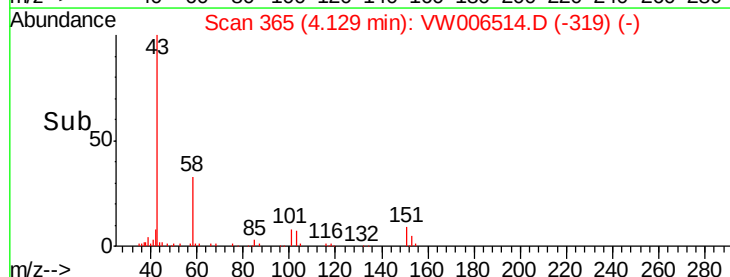
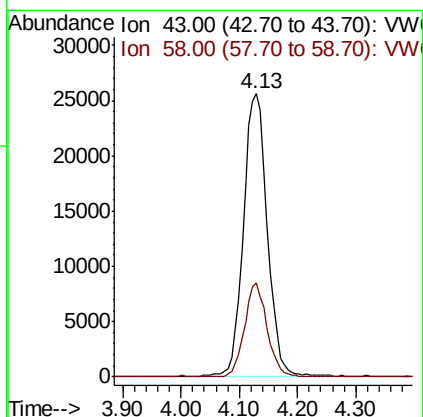
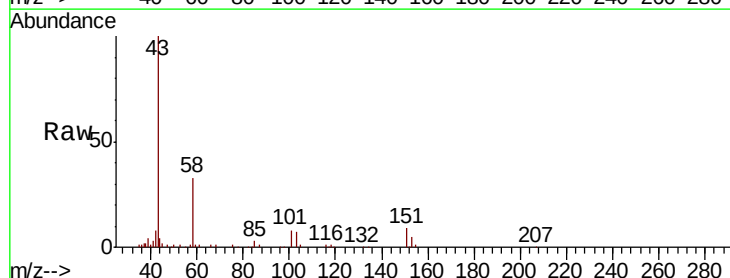
Acq: 30 Oct 2018 20:36

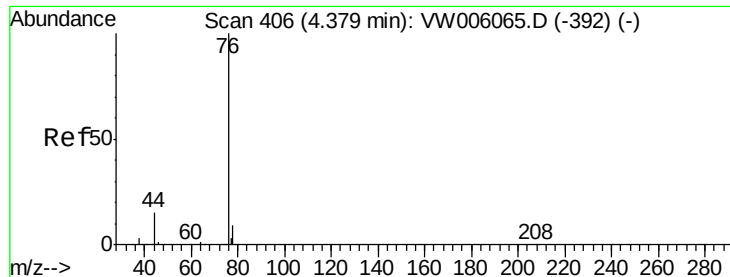
Tgt Ion: 43 Resp: 72850

Ion Ratio Lower Upper

43 100

58 33.1 24.0 36.0





#17

Carbon Disulfide

Concen: 44.459 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

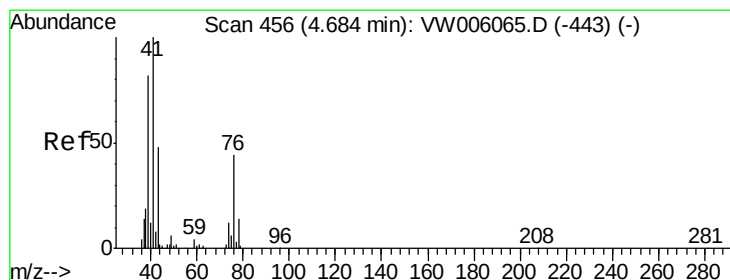
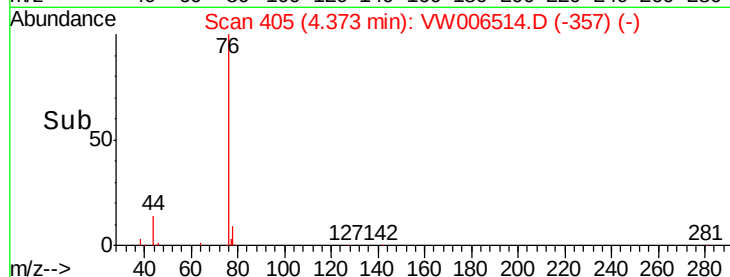
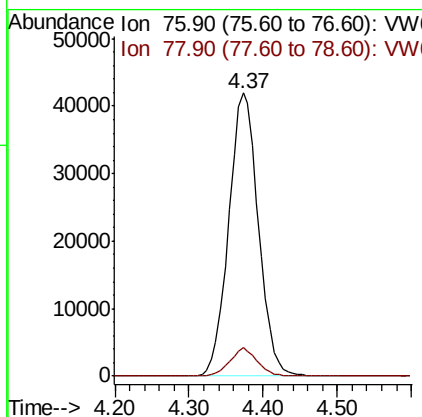
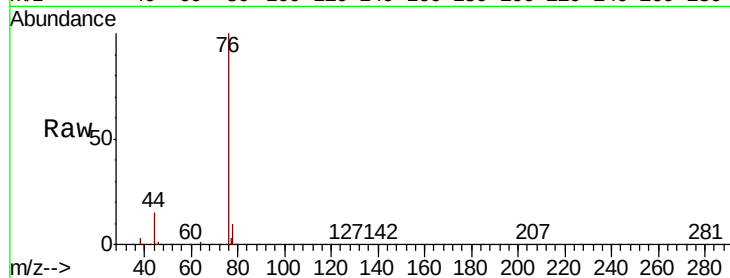
DL-03AMS

Tot Ion: 76 Resp: 116911

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3



#18

Methyl Acetate

Concen: 85.221 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006514.D

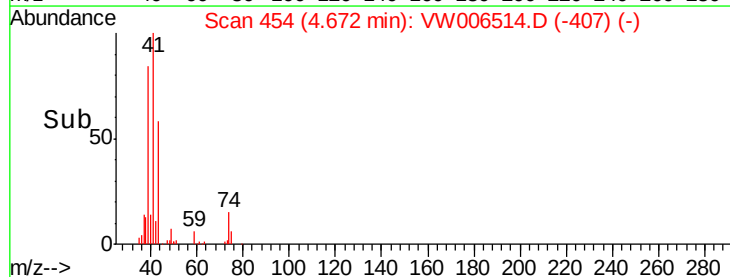
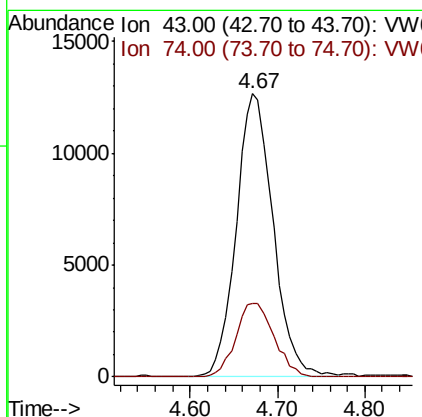
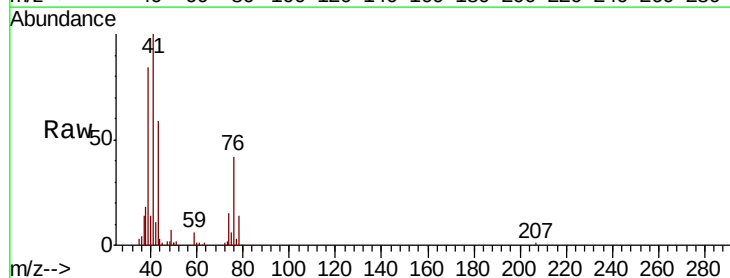
Acq: 30 Oct 2018 20:36

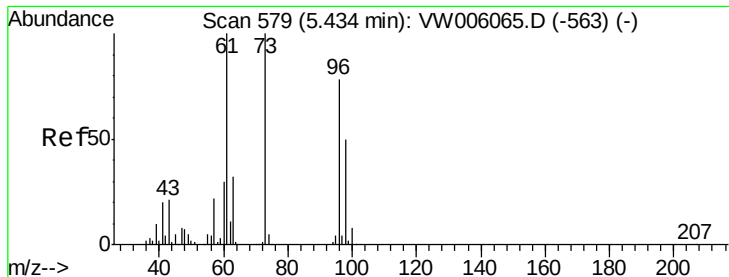
Tgt Ion: 43 Resp: 37078

Ion Ratio Lower Upper

43 100

74 26.9 20.5 30.7



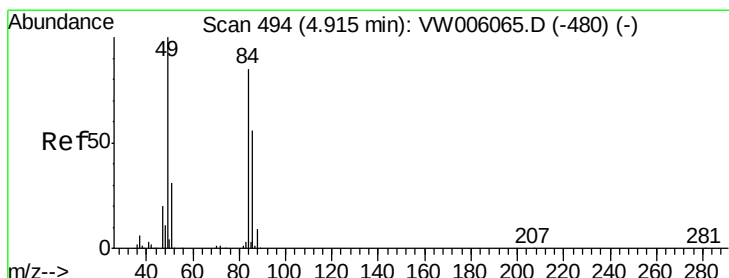
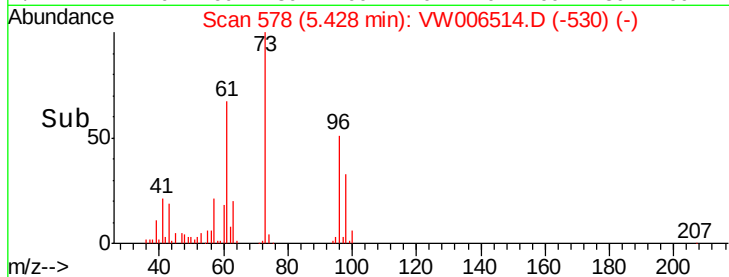
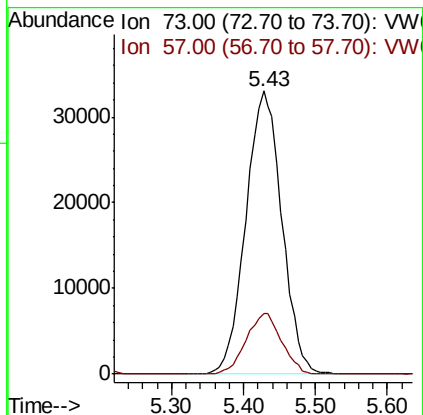
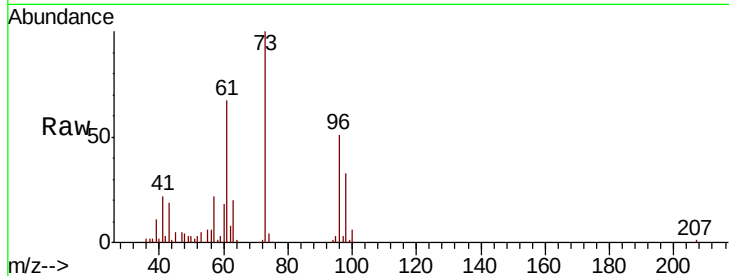


#19

Methyl tert-butyl Ether
 Concen: 86.205 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampled :
 DL-03AMS

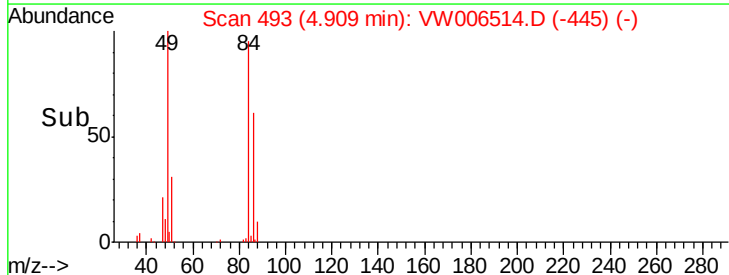
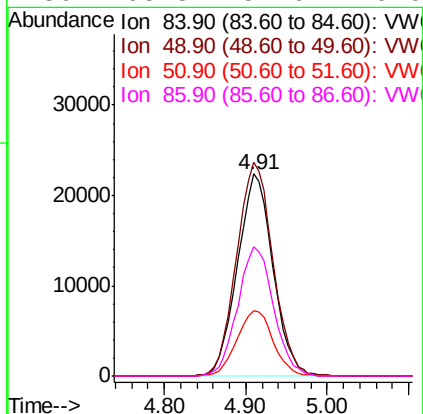
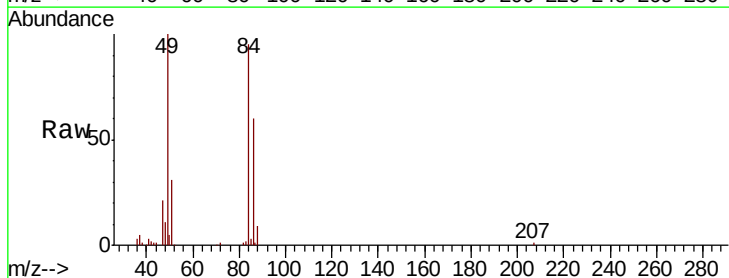
Tot Ion: 73 Resp: 114402
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.2

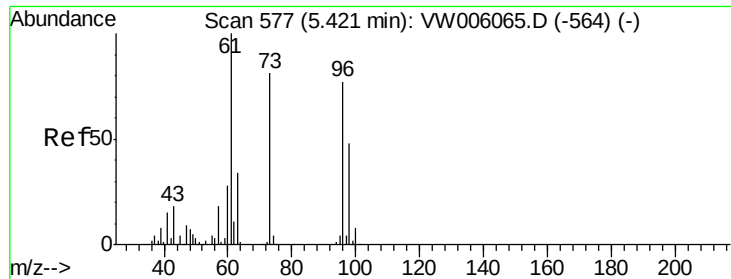


#20

Methylene Chloride
 Concen: 74.631 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion: 84 Resp: 67539
 Ion Ratio Lower Upper
 84 100
 49 105.6 93.6 140.4
 51 32.3 29.0 43.4
 86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 53.497 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

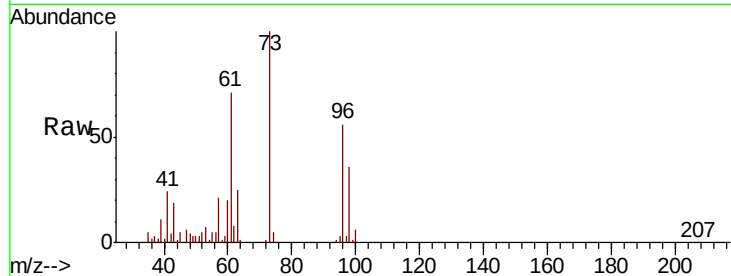
Tot Ion: 96 Resp: 52029

Ion Ratio Lower Upper

96 100

61 126.5 104.5 156.7

98 64.1 50.6 75.8

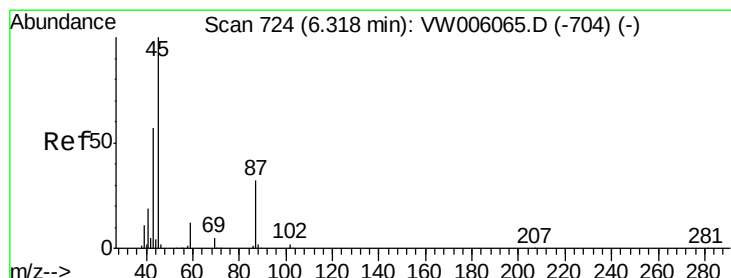
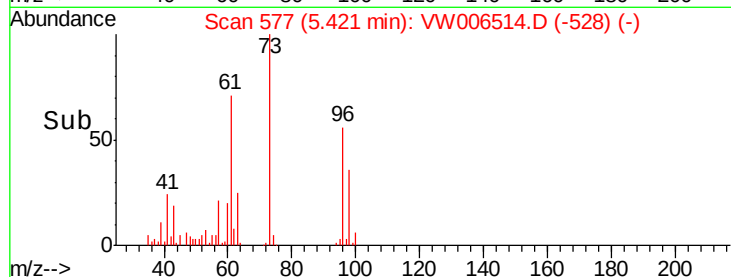
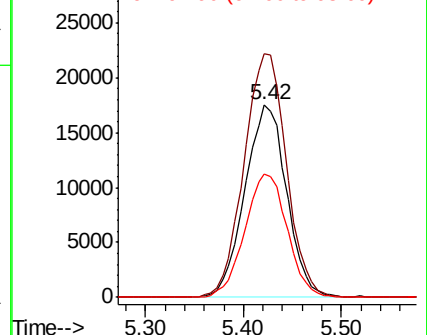


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 71.680 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion: 45 Resp: 176474

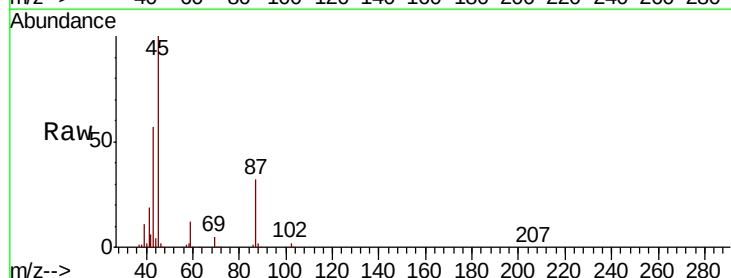
Ion Ratio Lower Upper

45 100

43 57.1 45.7 68.5

87 32.4 25.9 38.9

59 12.3 9.6 14.4



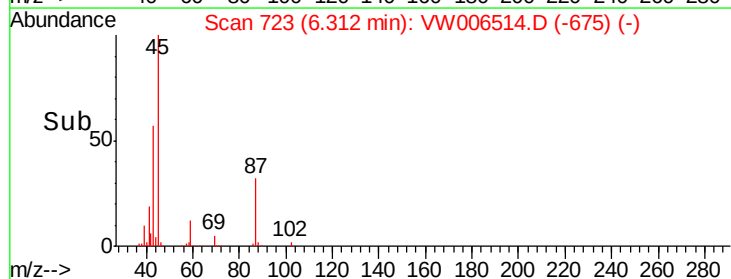
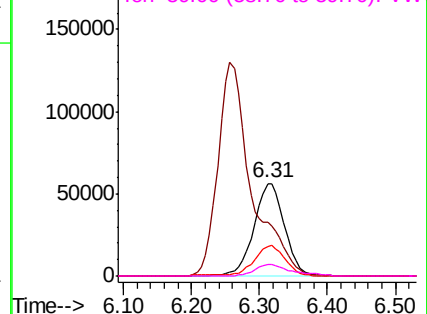
Abundance

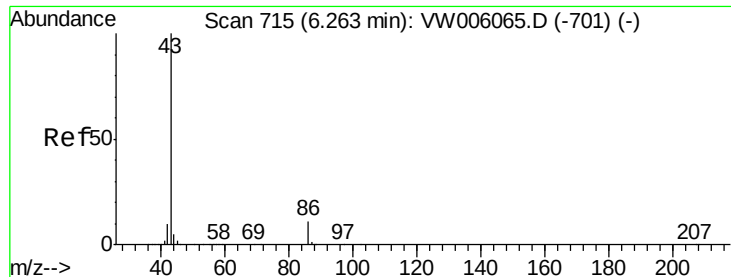
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 307.107 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

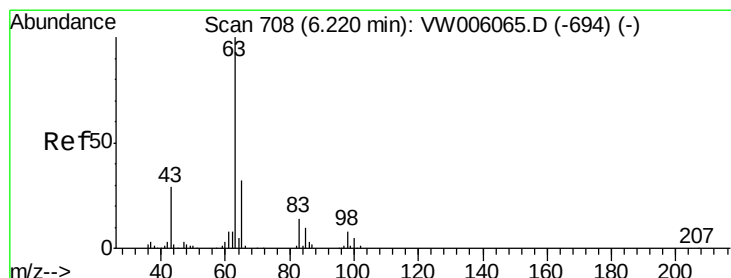
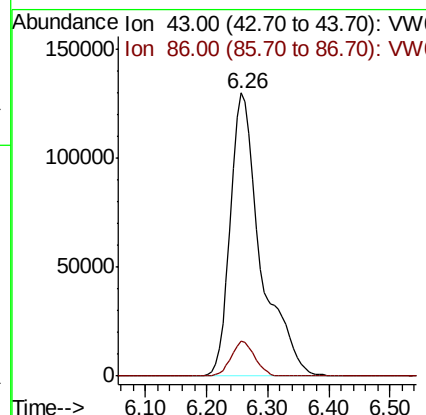
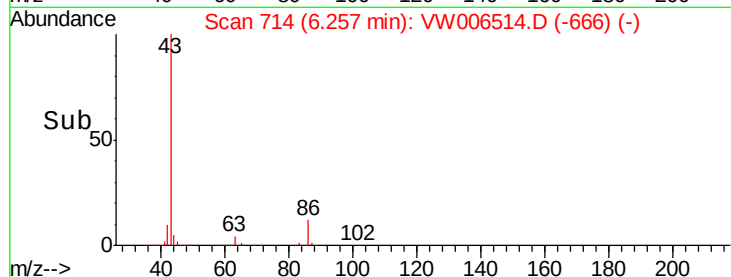
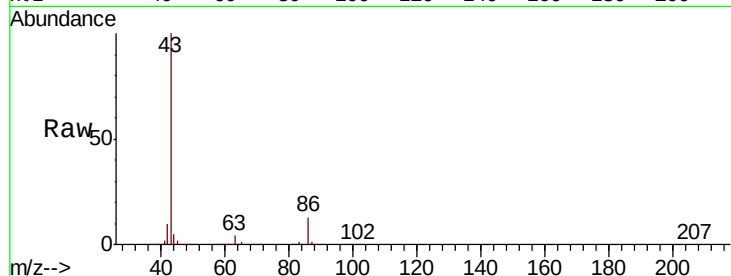
DL-03AMS

Tot Ion: 43 Resp: 446206

Ion Ratio Lower Upper

43 100

86 12.5 9.0 13.6



#24

1,1-Dichloroethane

Concen: 66.435 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

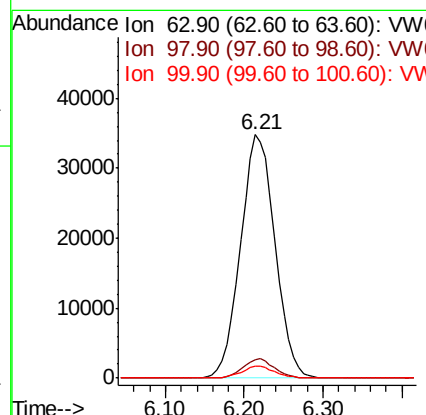
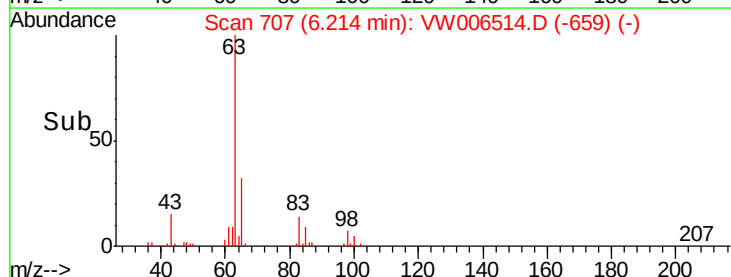
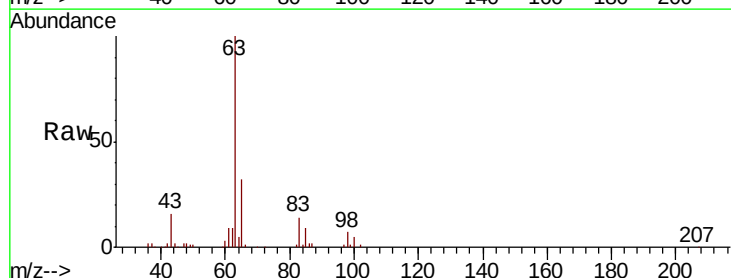
Tgt Ion: 63 Resp: 105539

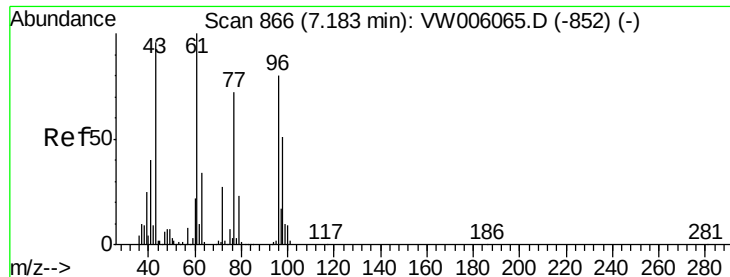
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 393.584 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

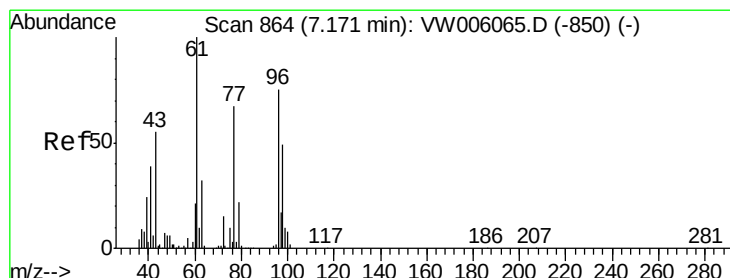
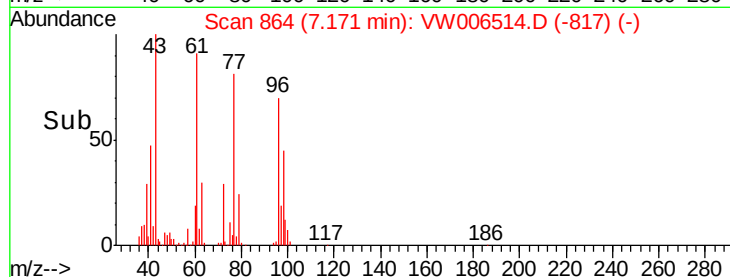
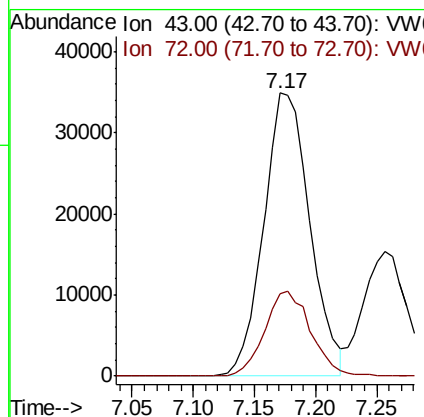
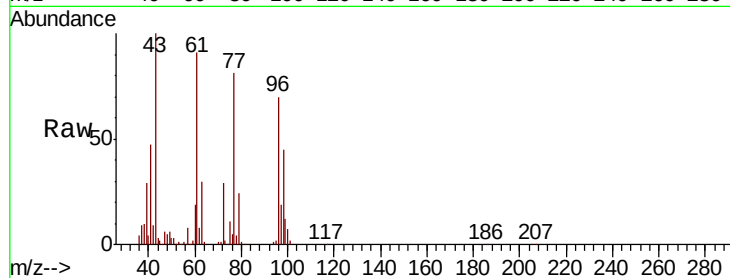
DL-03AMS

Tot Ion: 43 Resp: 91925

Ion Ratio Lower Upper

43 100

72 29.3 22.8 34.2



#26

2,2-Dichloropropane

Concen: 73.028 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006514.D

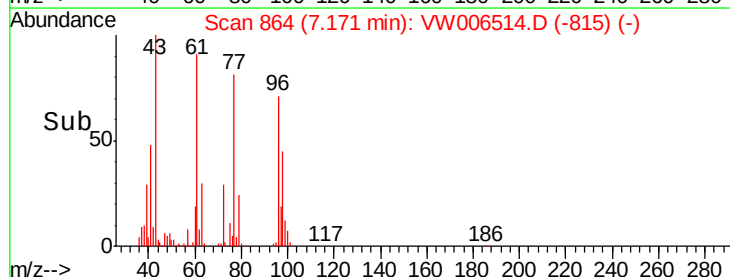
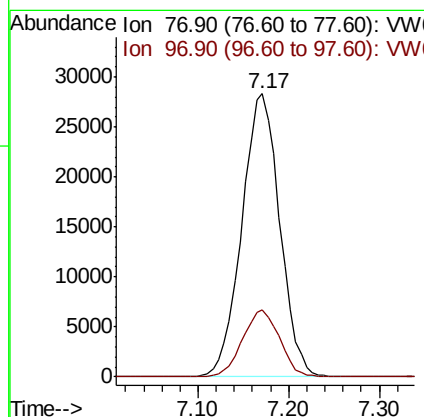
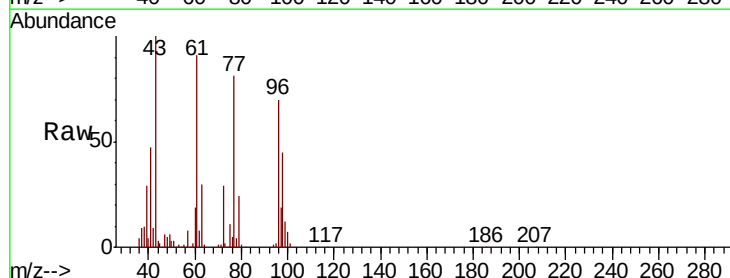
Acq: 30 Oct 2018 20:36

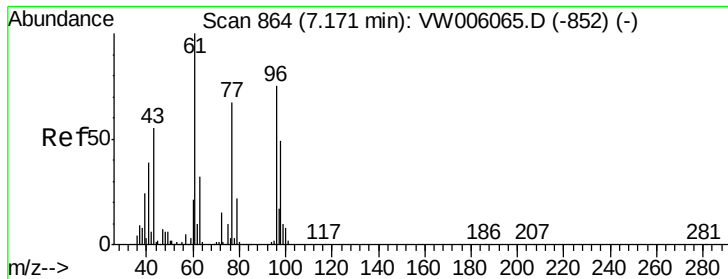
Tgt Ion: 77 Resp: 81823

Ion Ratio Lower Upper

77 100

97 23.0 12.2 36.4



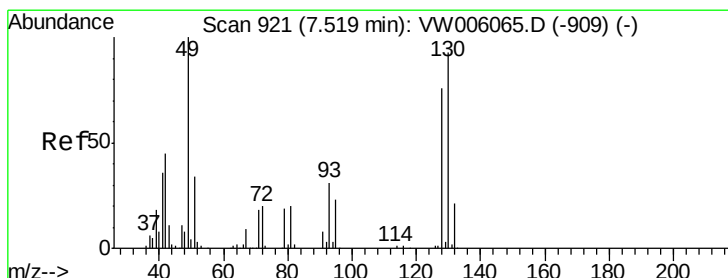
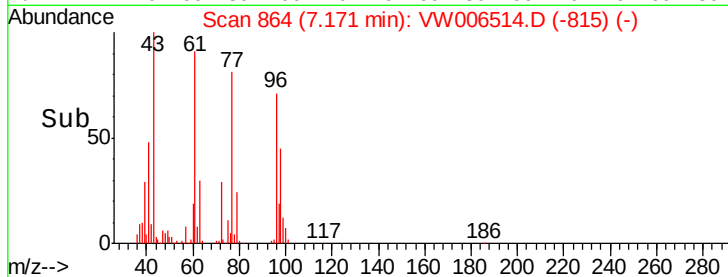
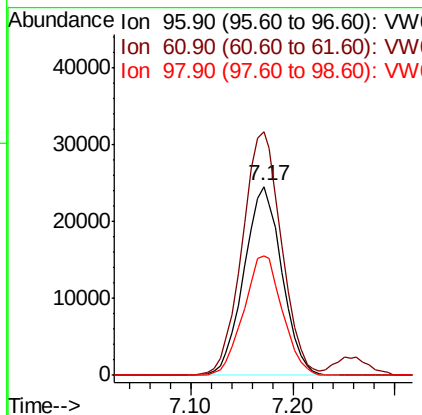
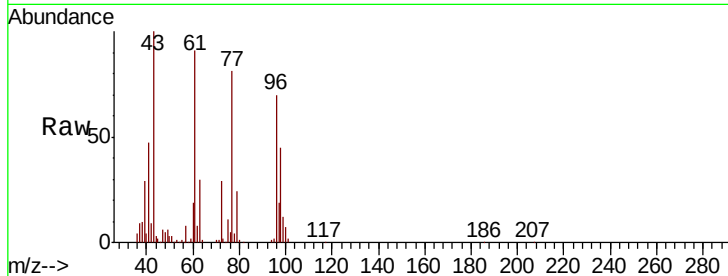


#27

cis-1,2-Dichloroethene
 Concen: 59.250 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

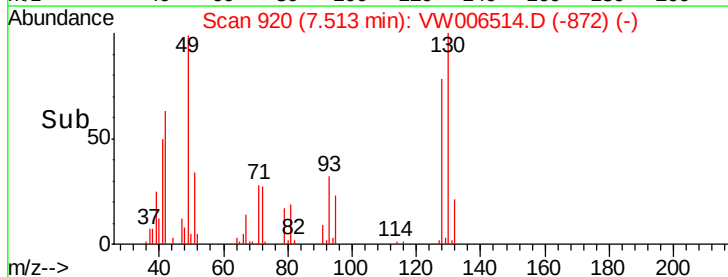
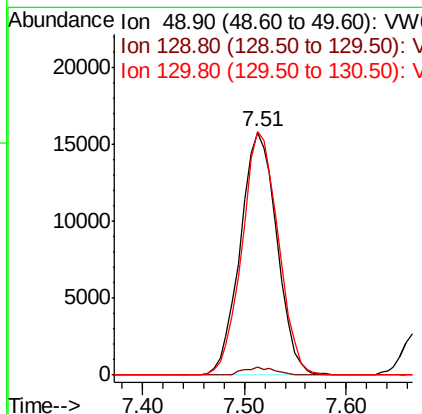
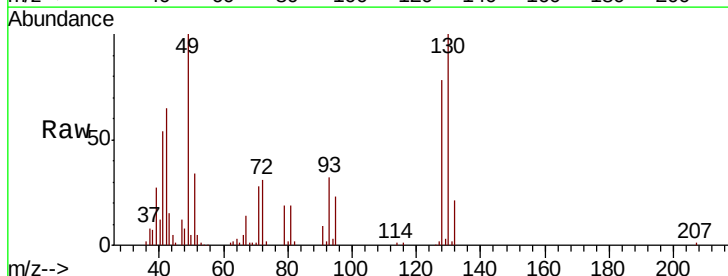
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	267.2
98	64.4	0.0	128.6

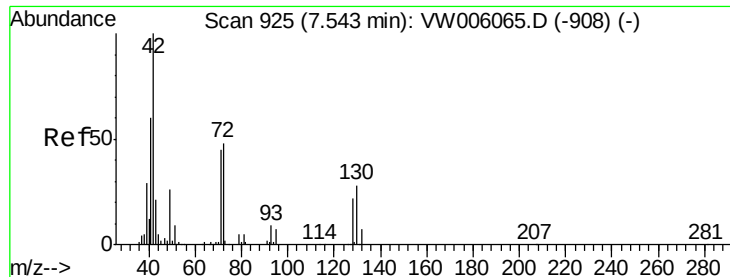


#28

Bromochloromethane
 Concen: 64.299 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	99.2	73.8	110.8

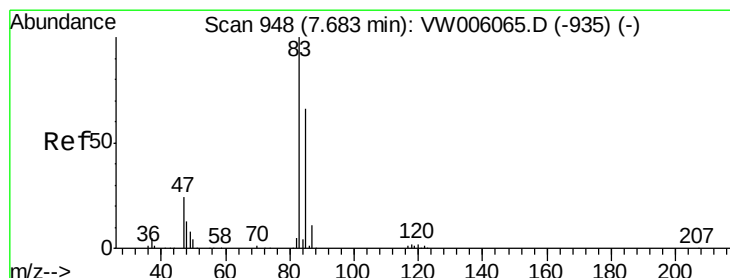
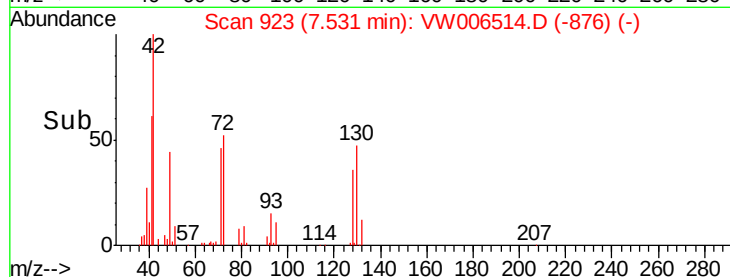
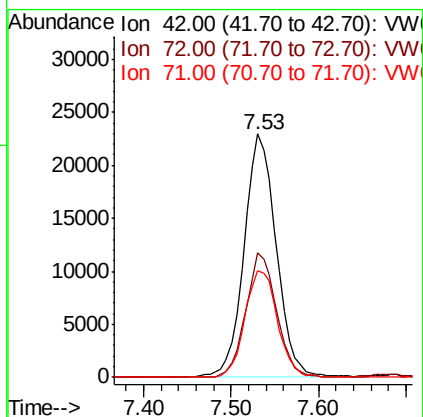
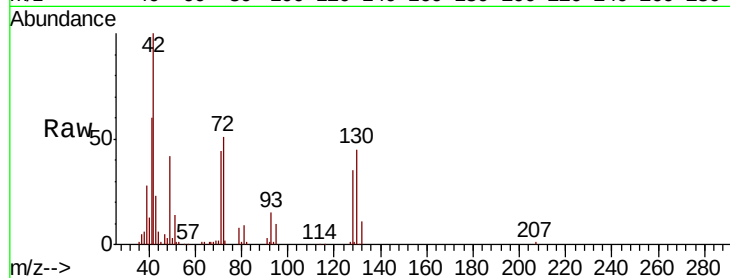




#29
Tetrahydrofuran
Concen: 405.104 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

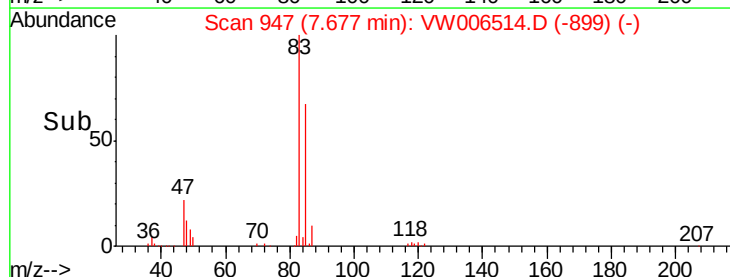
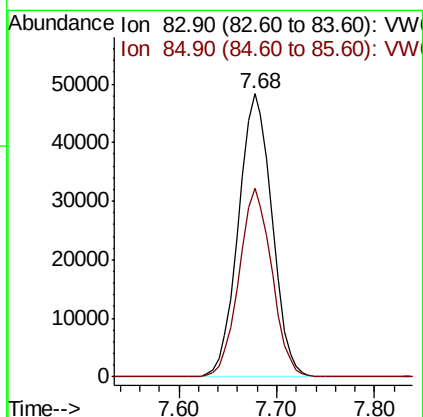
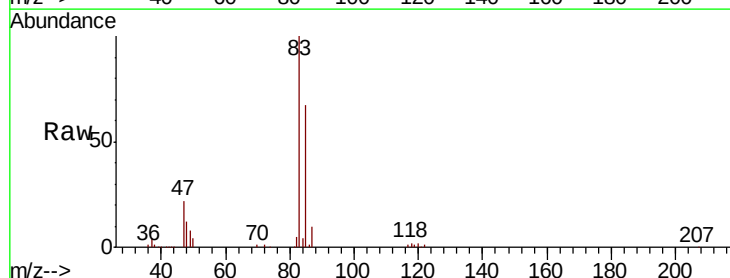
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

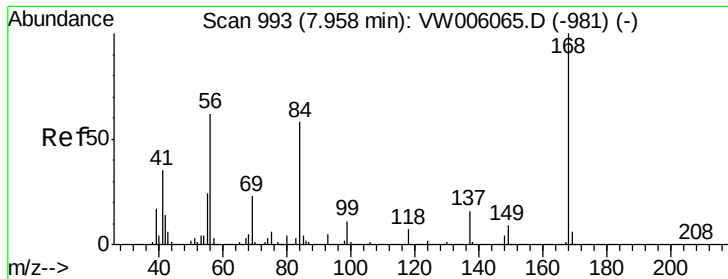
Tot Ion: 42 Resp: 58158
Ion Ratio Lower Upper
42 100
72 49.4 38.0 57.0
71 44.9 35.3 52.9



#30
Chloroform
Concen: 66.437 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 83 Resp: 114989
Ion Ratio Lower Upper
83 100
85 66.7 52.6 79.0

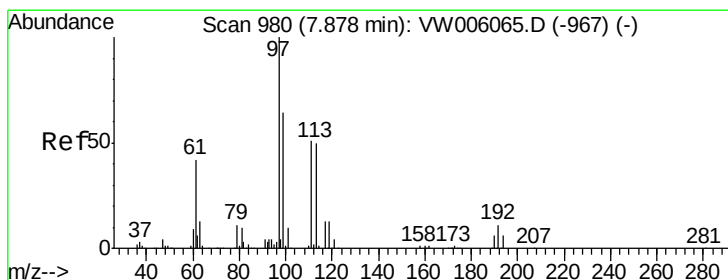
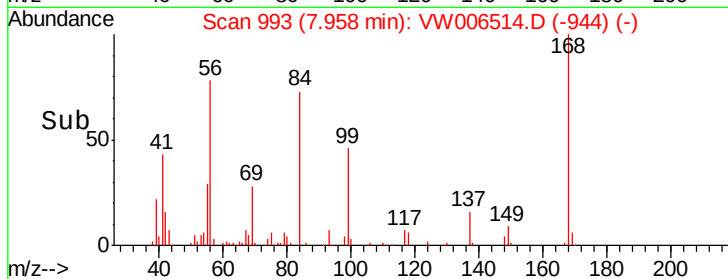
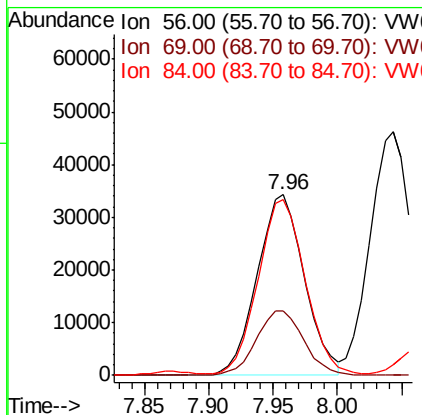
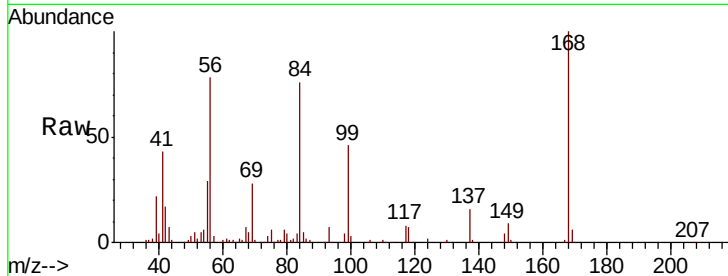




#31
Cyclohexane
Concen: 55.111 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

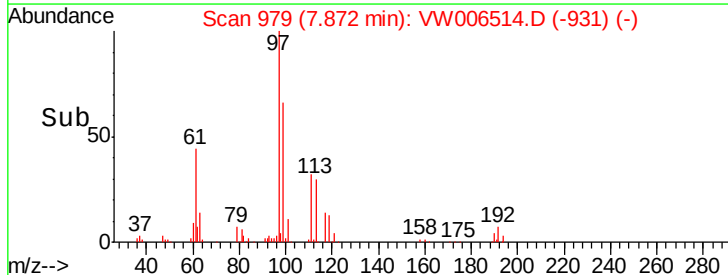
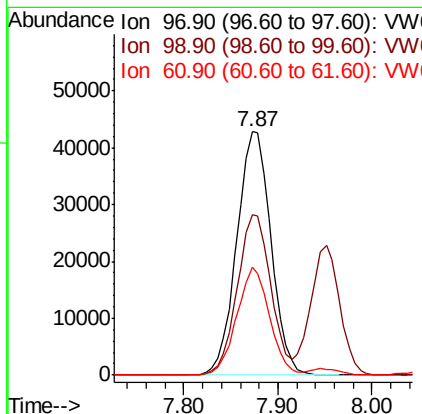
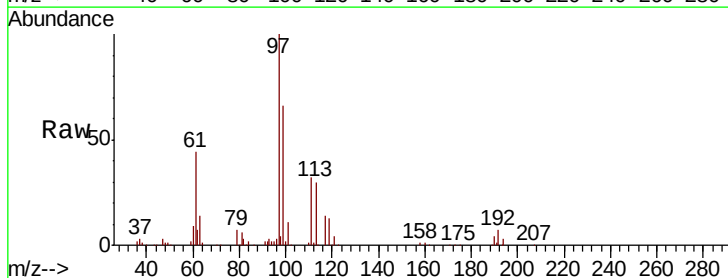
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

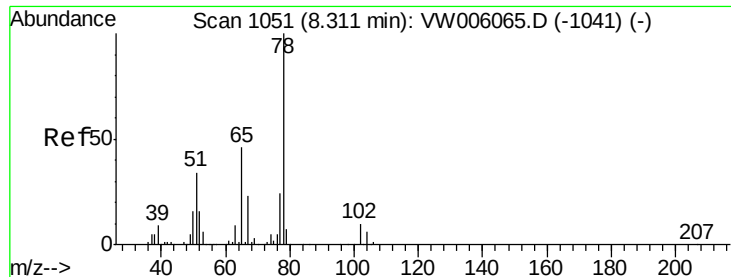
Tot Ion: 56 Resp: 87187
Ion Ratio Lower Upper
56 100
69 35.6 29.4 44.0
84 95.9 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 69.583 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 97 Resp: 108638
Ion Ratio Lower Upper
97 100
99 65.1 50.9 76.3
61 42.4 33.7 50.5

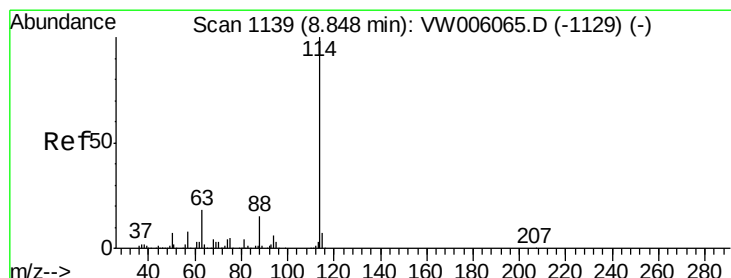
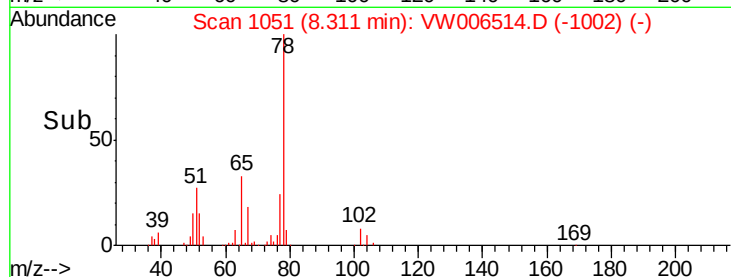
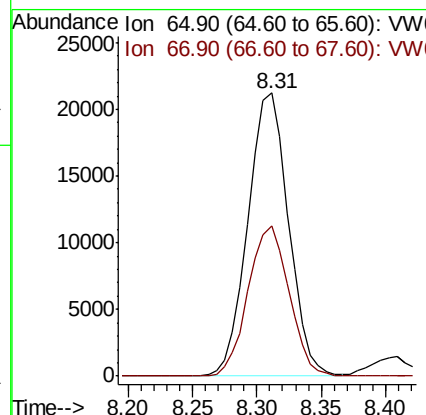
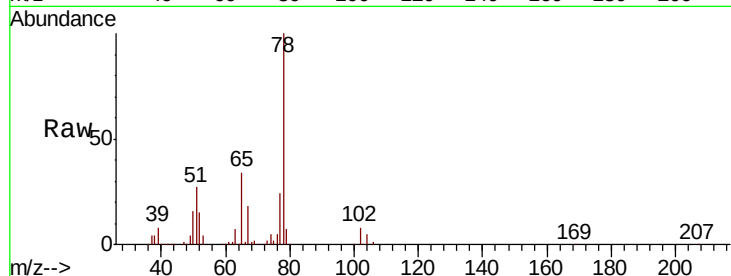




#33
 1,2-Dichloroethane-d4
 Concen: 53.657 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

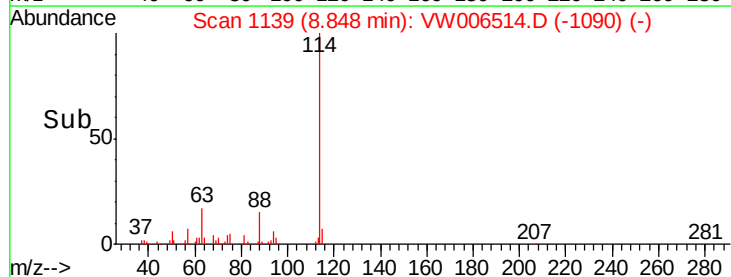
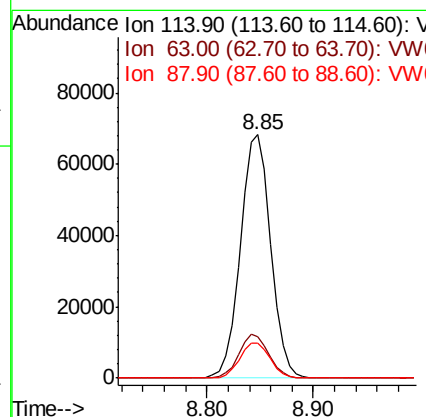
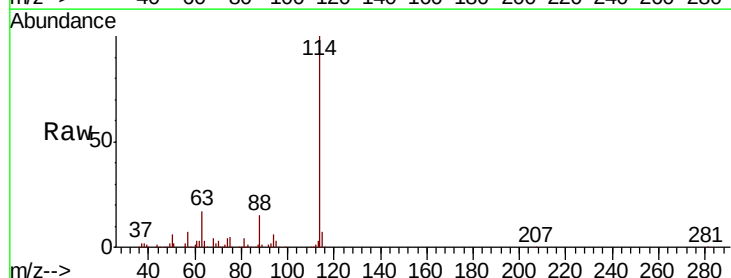
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

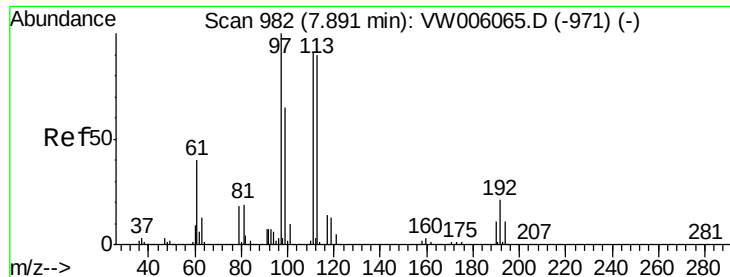
Tot Ion: 65 Resp: 46389
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion: 114 Resp: 135929
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.8
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 59.347 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

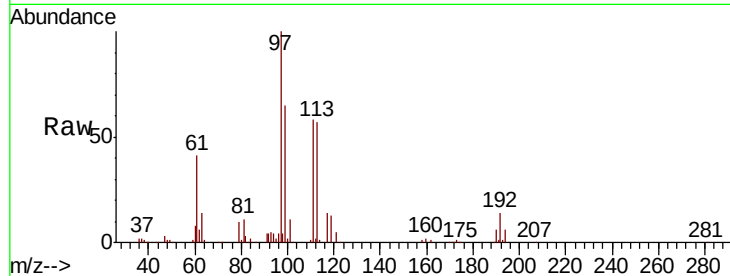
Tot Ion:113 Resp: 47667

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

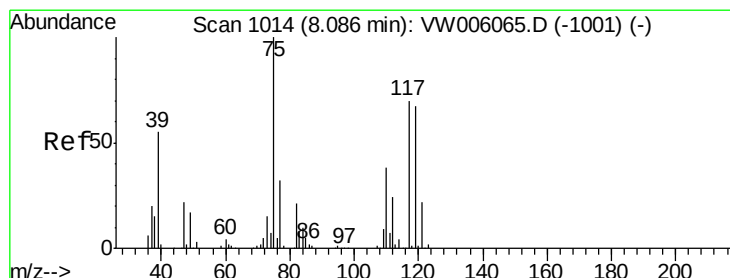
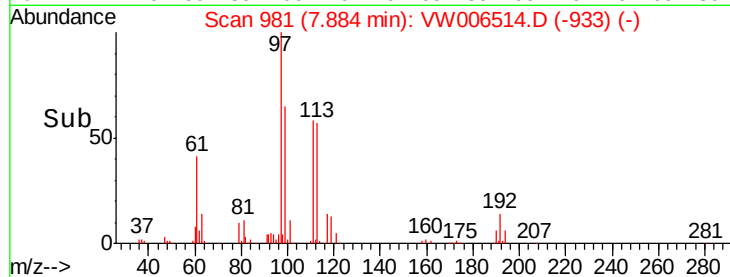
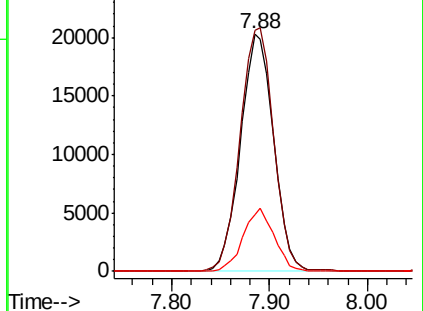
192 24.9 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 60.035 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

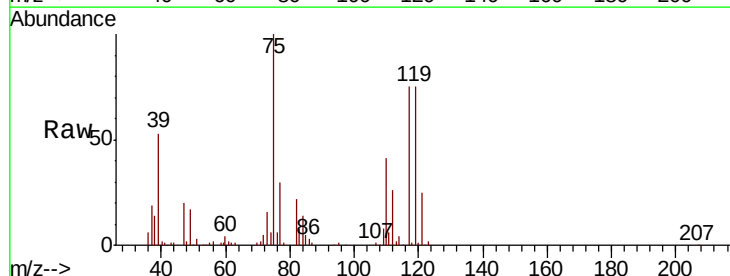
Tgt Ion: 75 Resp: 75217

Ion Ratio Lower Upper

75 100

110 39.1 19.1 57.1

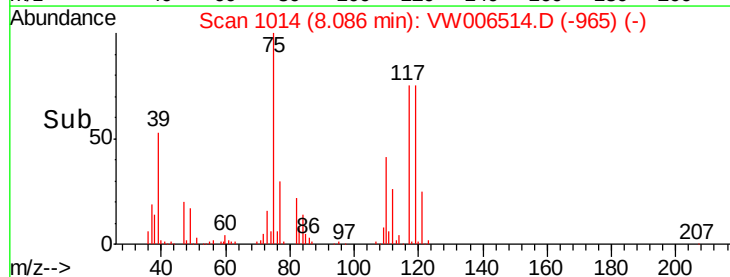
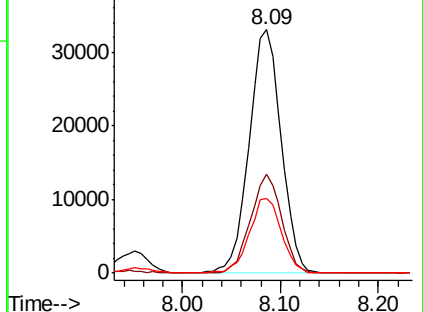
77 30.7 25.0 37.4

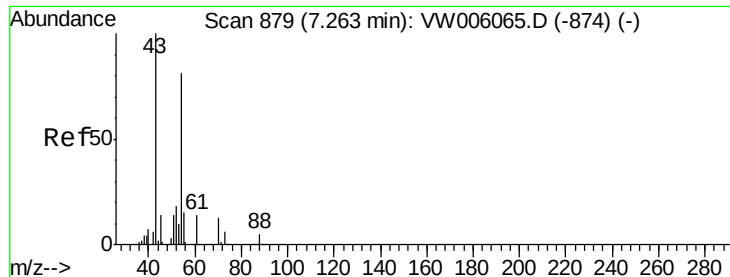


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

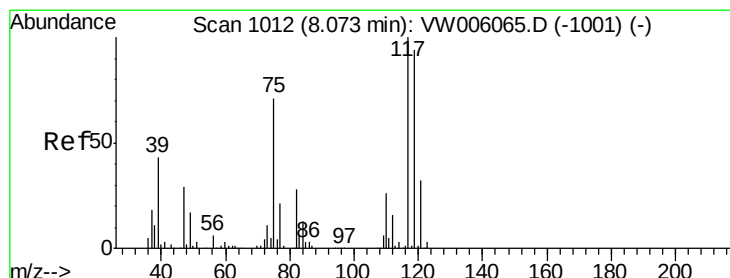
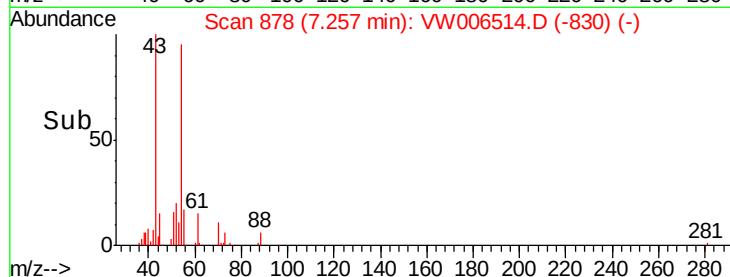
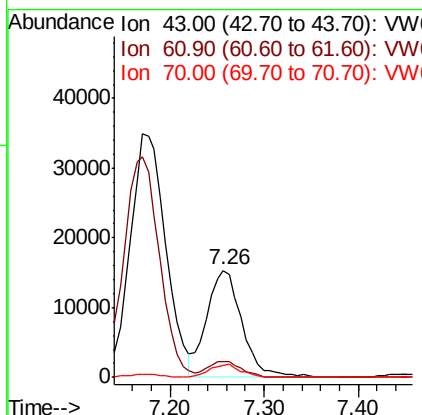
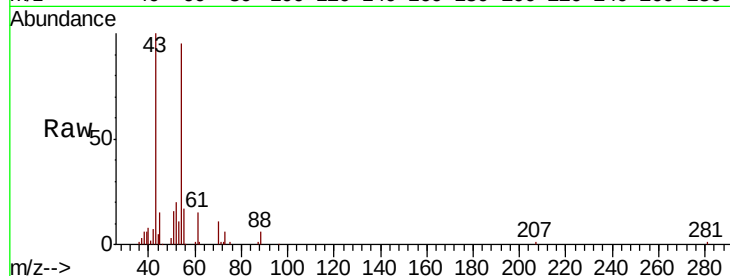




#37
Ethyl Acetate
Concen: 86.373 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

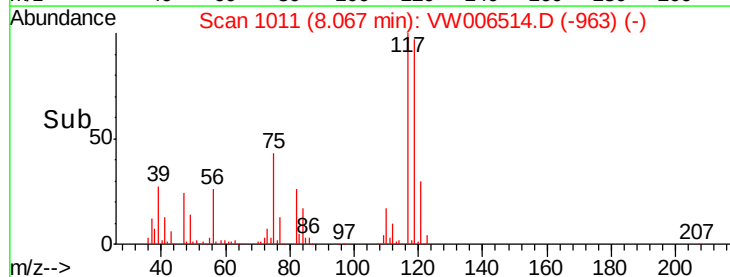
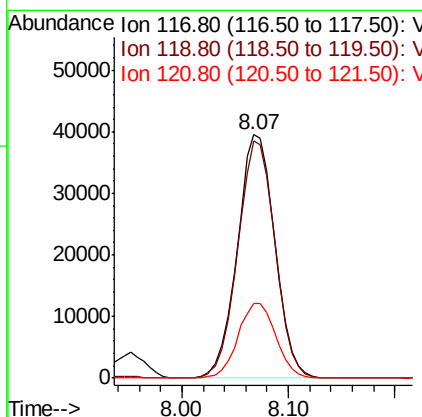
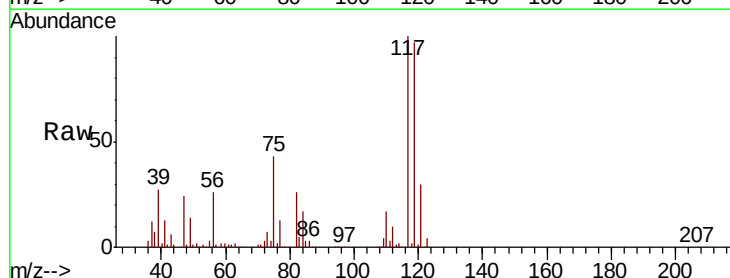
Instrument :
MSVOA_W
ClientSampleID :
DL-03AMS

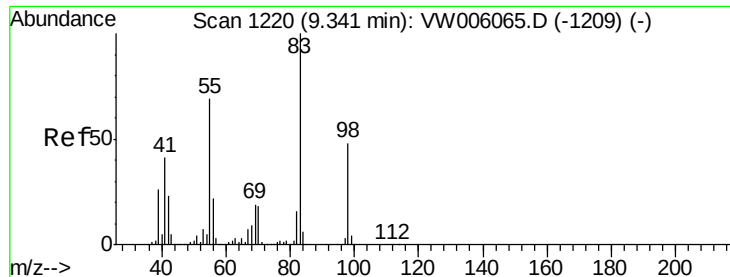
Tot Ion: 43 Resp: 40206
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 10.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 71.100 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 117 Resp: 97654
Ion Ratio Lower Upper
117 100
119 97.2 75.2 112.8
121 30.4 25.3 37.9

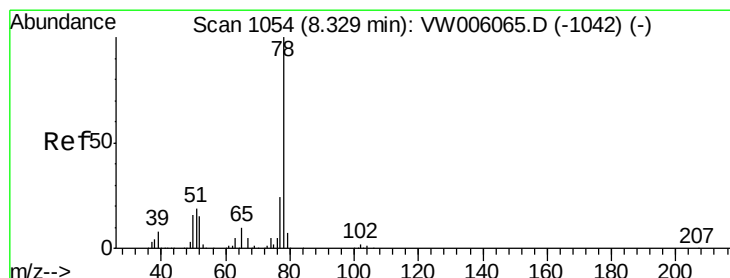
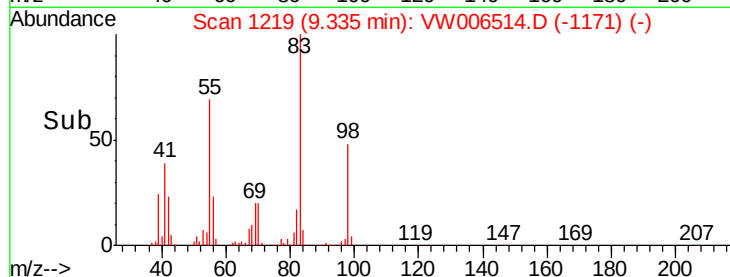
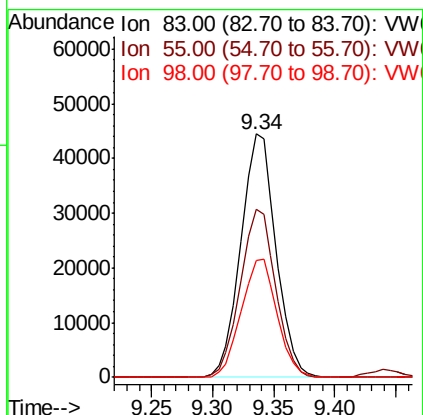
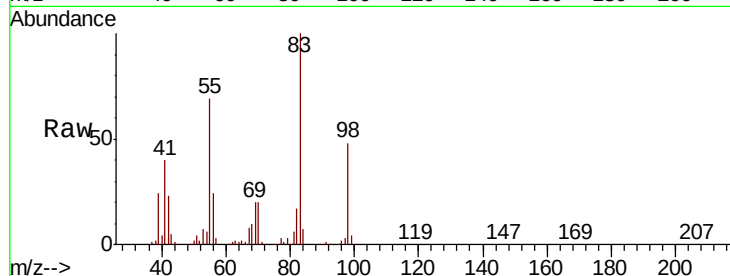




#39
Methylvlcyclohexane
Concen: 53.366 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

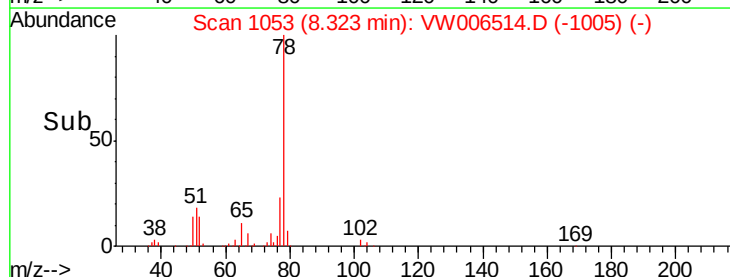
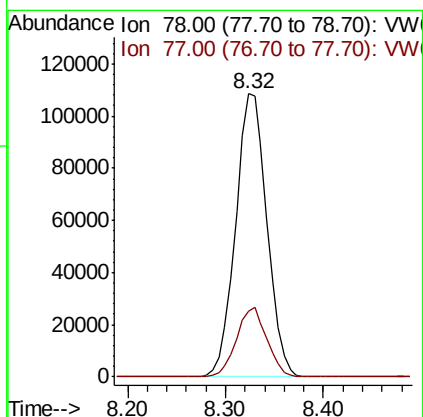
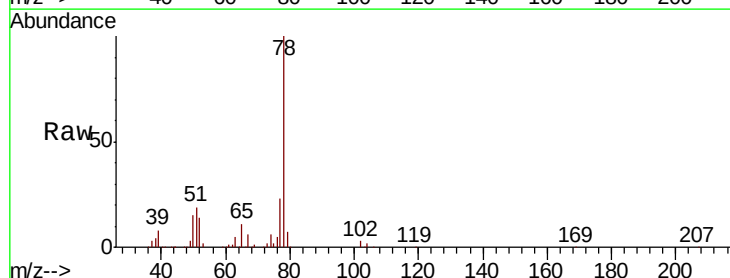
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

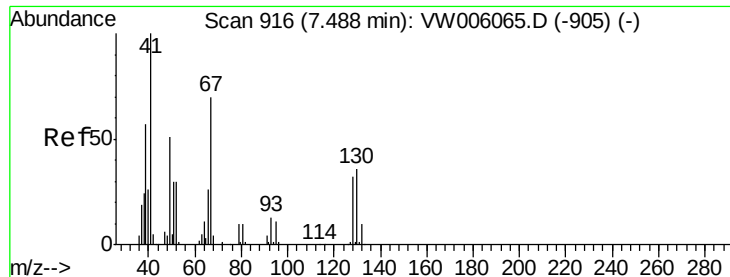
Tot Ion: 83 Resp: 88878
Ion Ratio Lower Upper
83 100
55 69.2 55.0 82.6
98 48.0 38.6 57.8



#40
Benzene
Concen: 70.027 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 78 Resp: 240667
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0

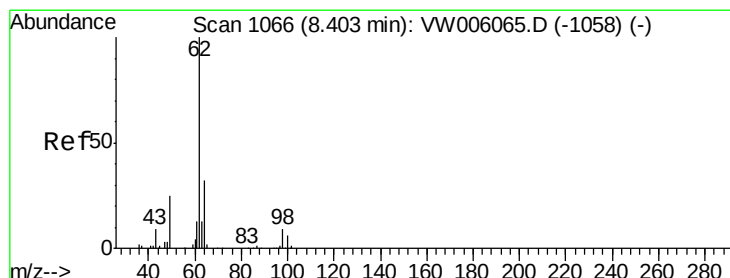
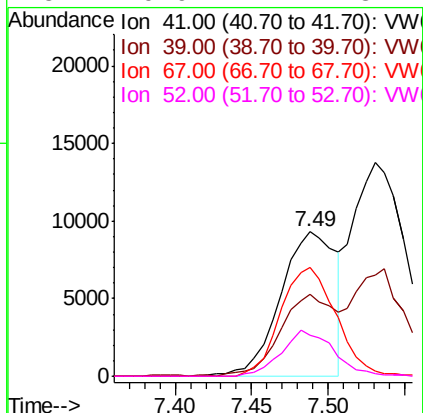
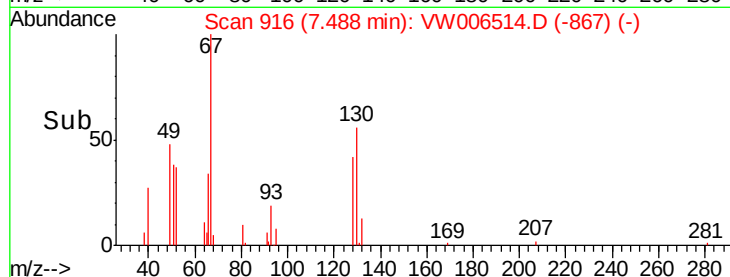
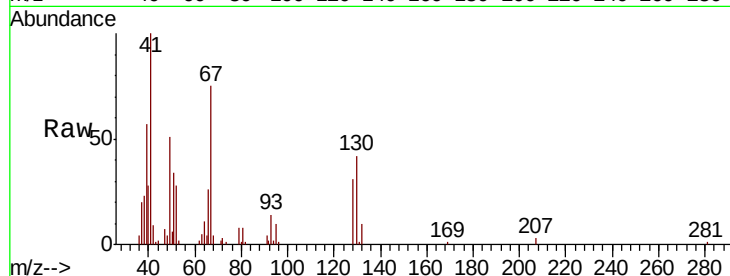




#41
Methacrylonitrile
Concen: 83.829 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

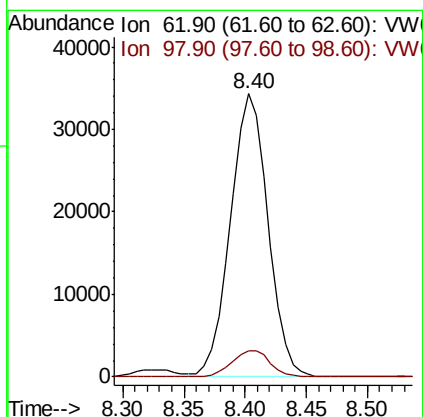
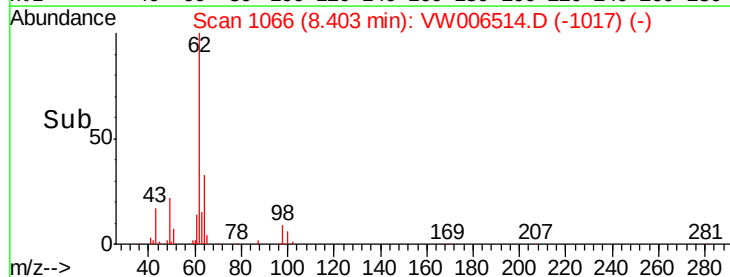
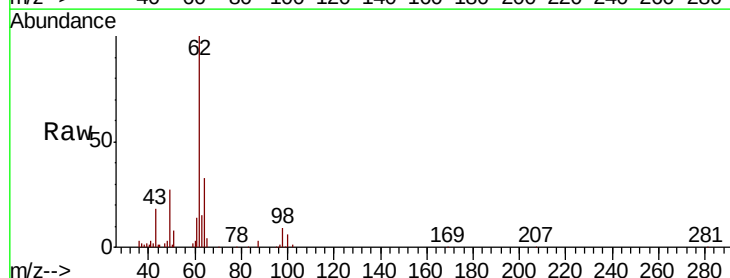
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

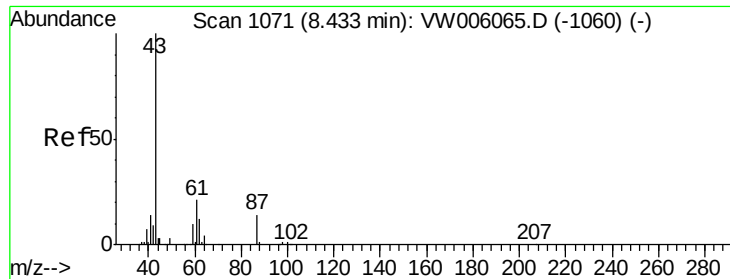
Tot Ion:	41	Resp:	23524
Ion	Ratio	Lower	Upper
41	100		
39	55.1	46.2	69.4
67	75.7	57.7	86.5
52	29.9	24.7	37.1



#42
1,2-Dichloroethane
Concen: 72.206 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion:	62	Resp:	72908
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4





#43

Isopropyl Acetate

Concen: 81.346 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

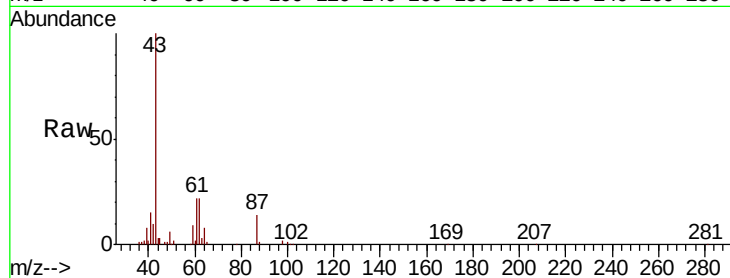
Tot Ion: 43 Resp: 77423

Ion Ratio Lower Upper

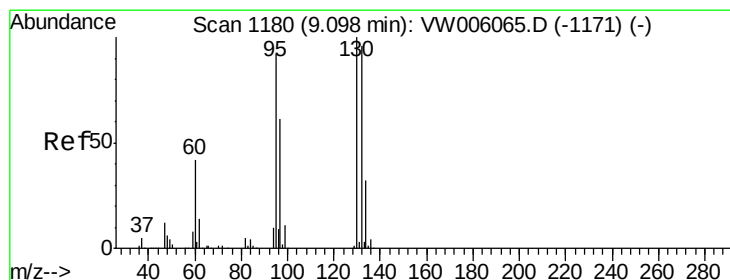
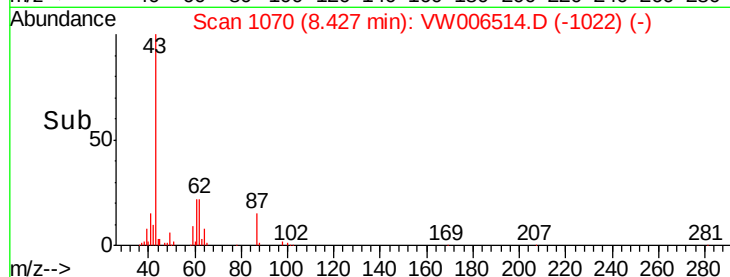
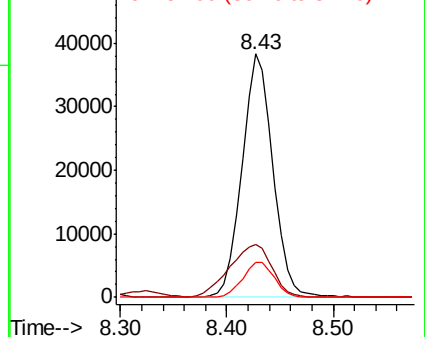
43 100

61 30.1 25.5 38.3

87 15.0 11.7 17.5



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: 59.306 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006514.D

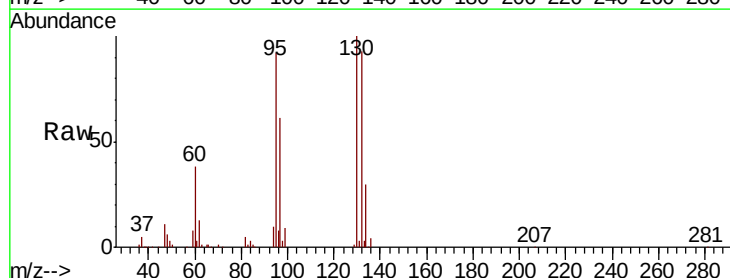
Acq: 30 Oct 2018 20:36

Tgt Ion:130 Resp: 62532

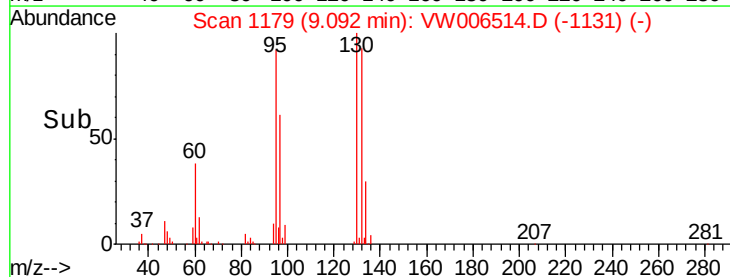
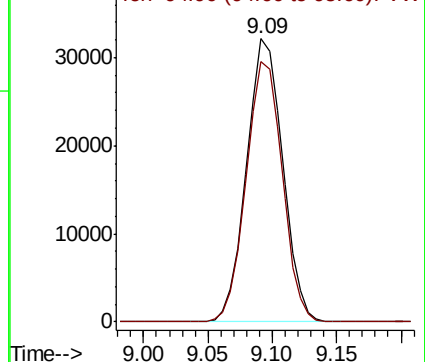
Ion Ratio Lower Upper

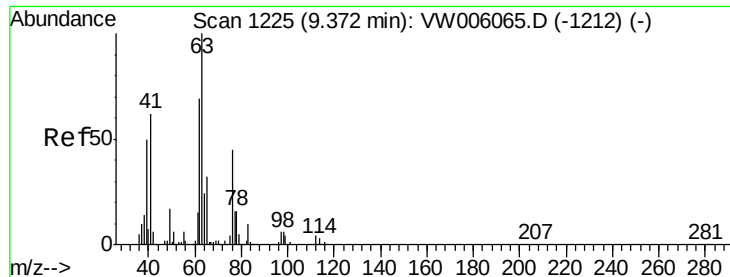
130 100

95 92.0 0.0 183.2



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

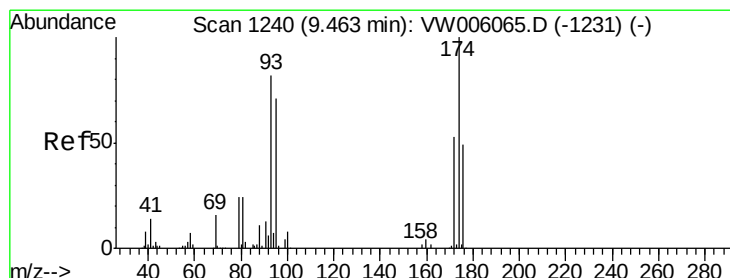
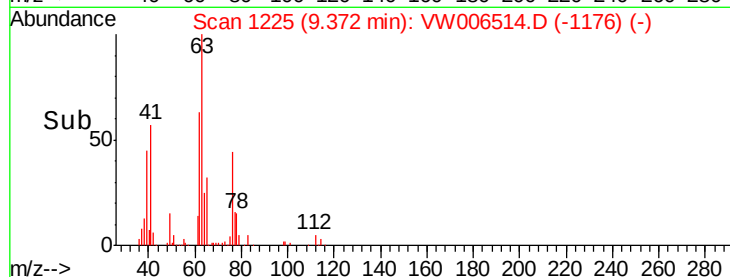
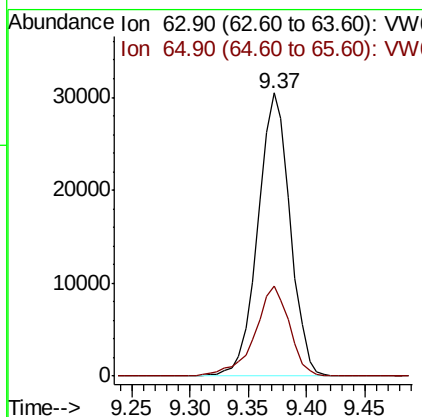
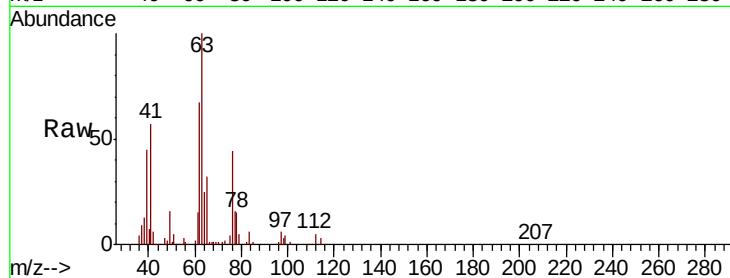




#45
 1,2-Dichloropropane
 Concen: 71.390 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

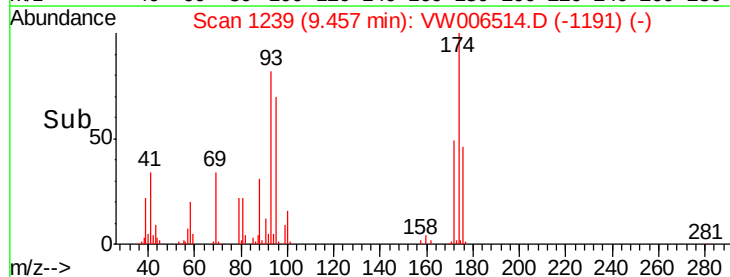
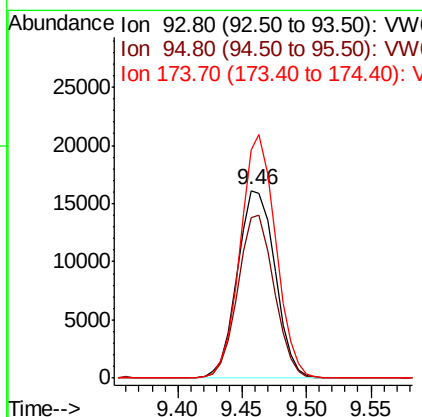
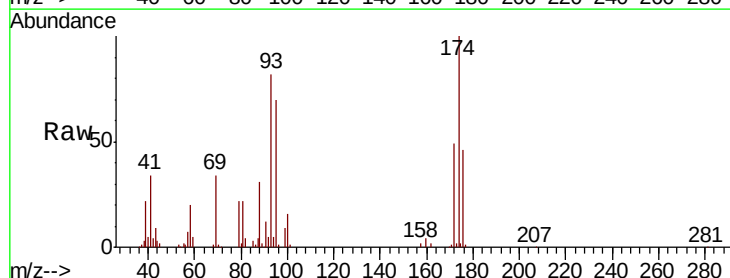
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

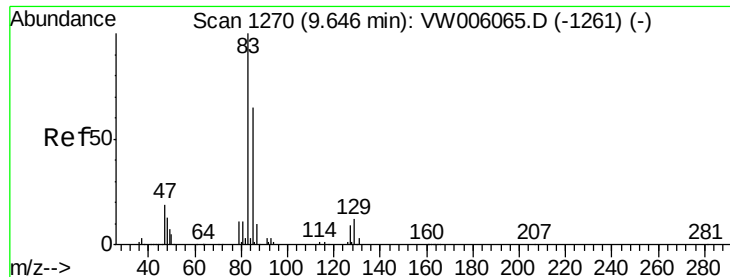
Tot Ion: 63 Resp: 58711
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.4 38.0



#46
 Dibromomethane
 Concen: 69.621 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion: 93 Resp: 32633
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.7 101.5
 174 122.1 93.7 140.5





#47

Bromodichloromethane

Concen: 67.514 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

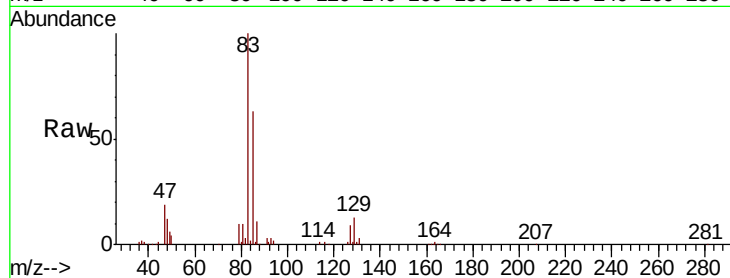
Tot Ion: 83 Resp: 76723

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.8

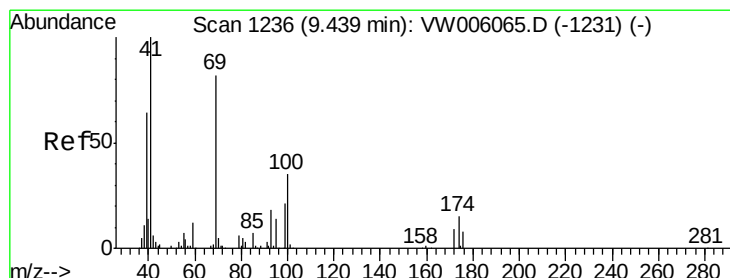
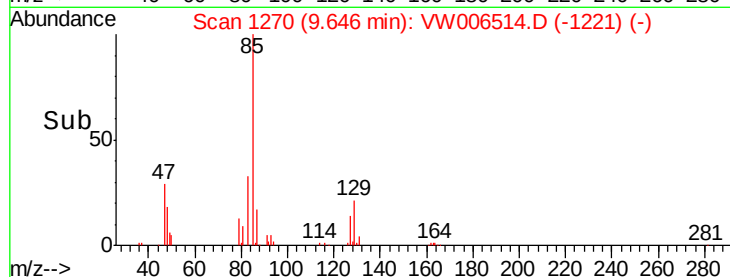
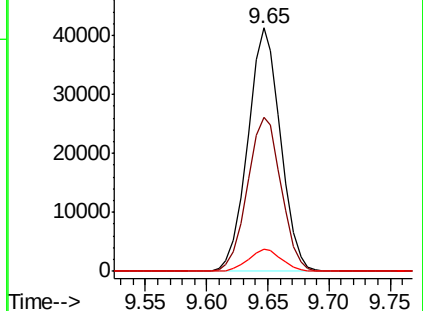
127 9.0 6.9 10.3



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): VW



#48

Methyl methacrylate

Concen: 75.542 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

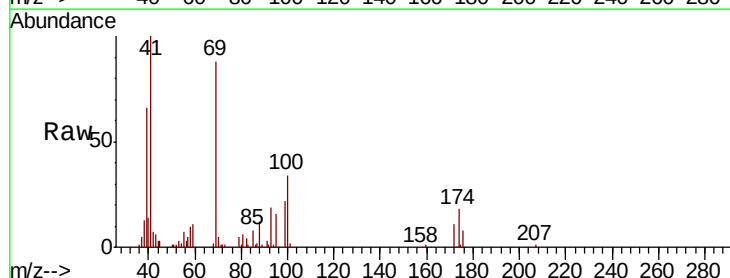
Tgt Ion: 41 Resp: 34081

Ion Ratio Lower Upper

41 100

69 96.1 71.8 107.8

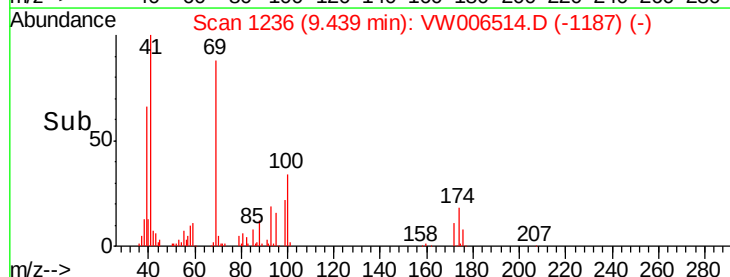
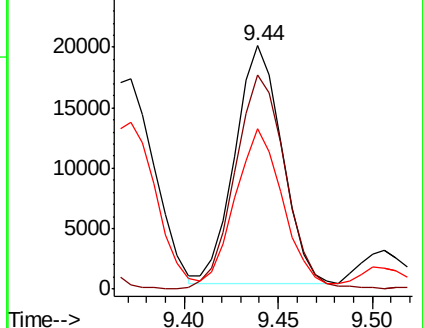
39 69.2 52.5 78.7

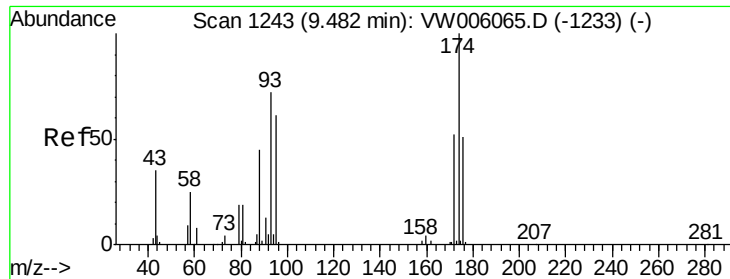


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

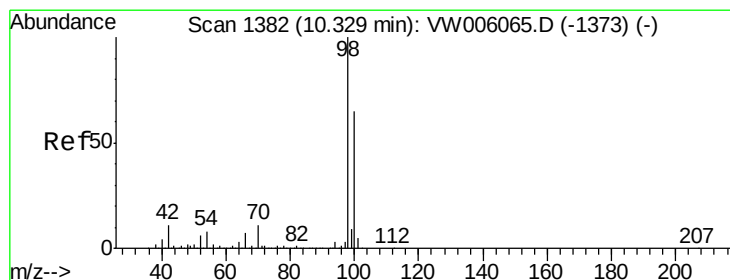
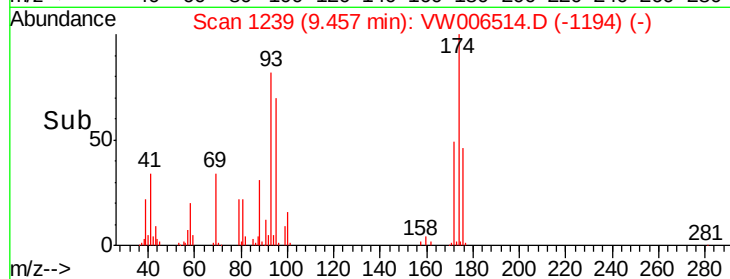
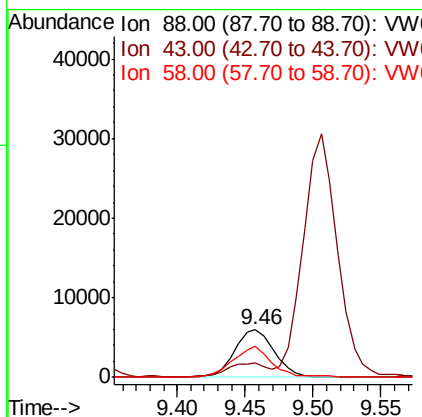
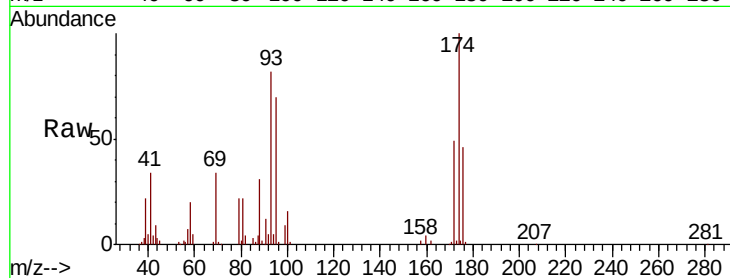




#49
1,4-Dioxane
Concen: 1682.268 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

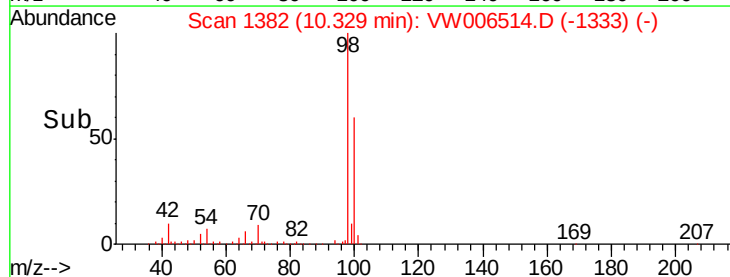
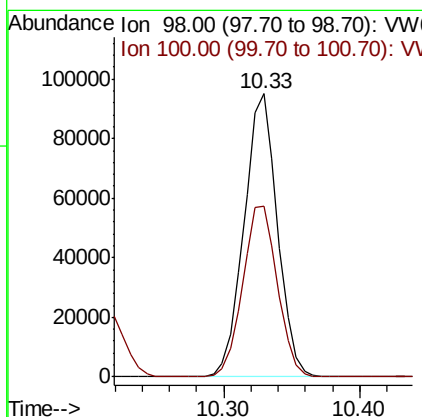
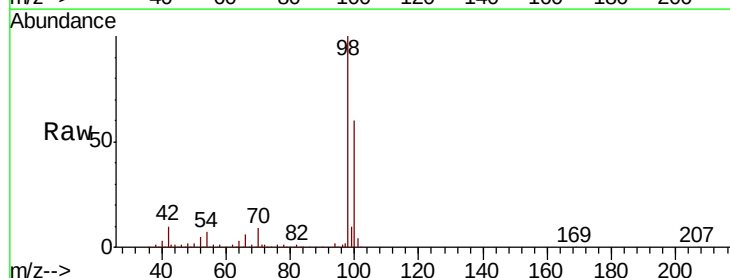
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

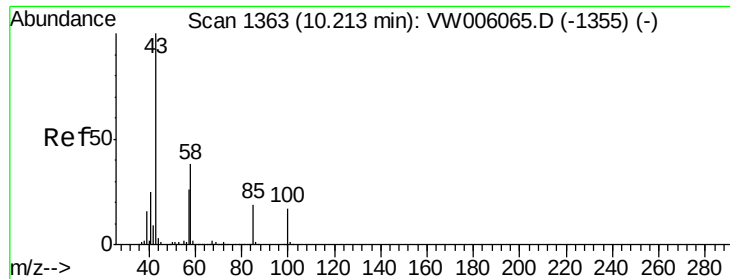
Tot Ion: 88 Resp: 12139
Ion Ratio Lower Upper
88 100
43 27.7 0.0 0.0#
58 65.2 51.2 76.8



#50
Toluene-d8
Concen: 53.295 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 98 Resp: 162856
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 420.462 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

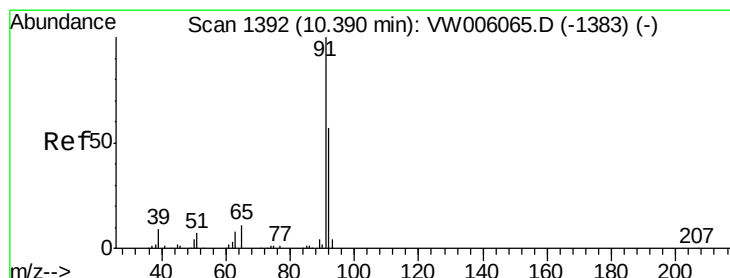
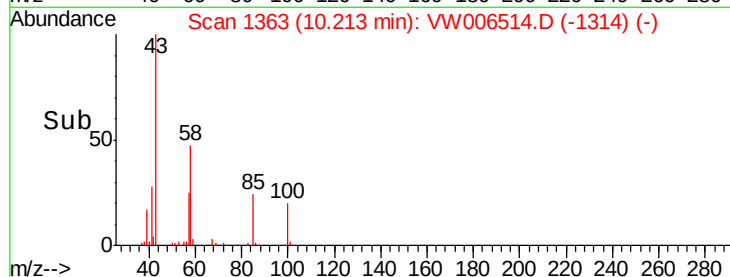
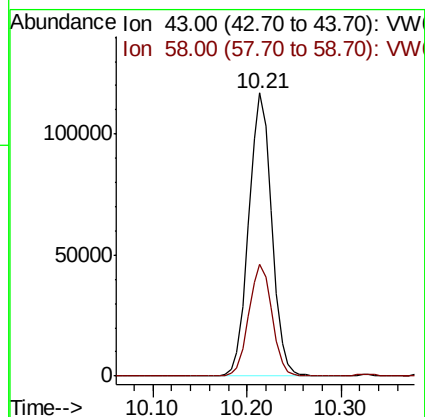
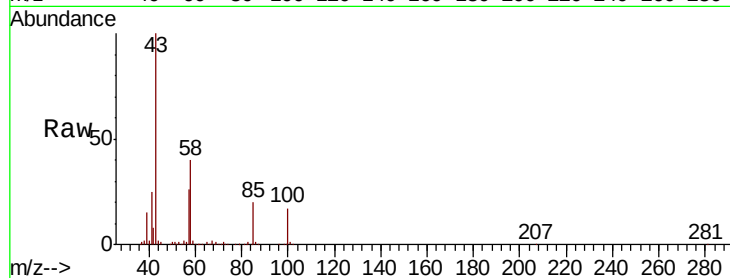
DL-03AMS

Tot Ion: 43 Resp: 200507

Ion Ratio Lower Upper

43 100

58 40.0 31.5 47.3



#52

Toluene

Concen: 62.945 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006514.D

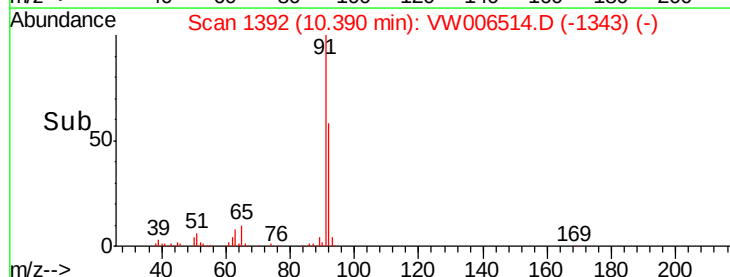
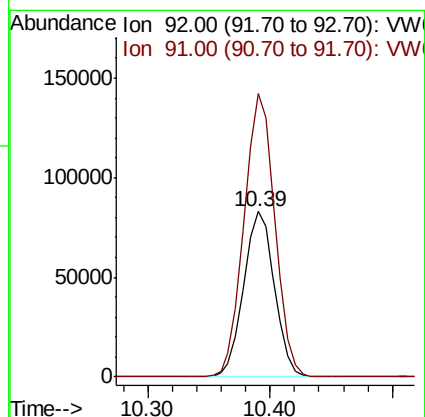
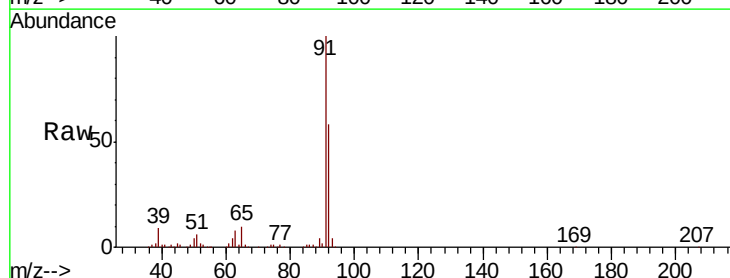
Acq: 30 Oct 2018 20:36

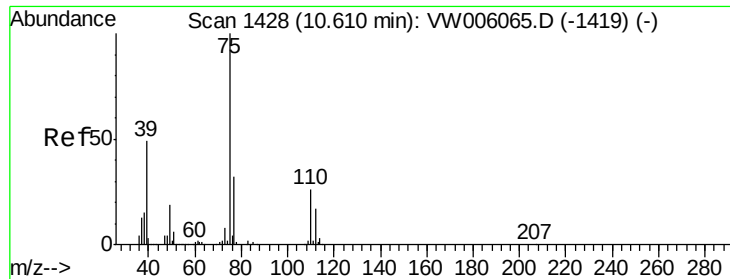
Tgt Ion: 92 Resp: 145031

Ion Ratio Lower Upper

92 100

91 171.6 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 54.347 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

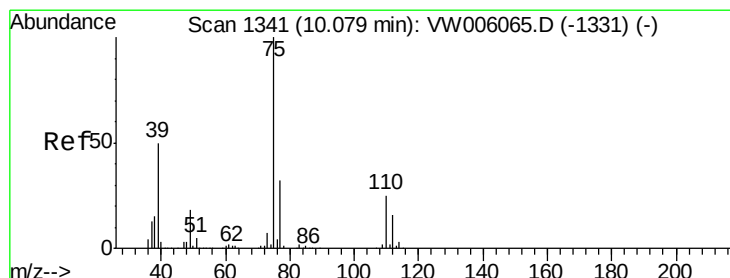
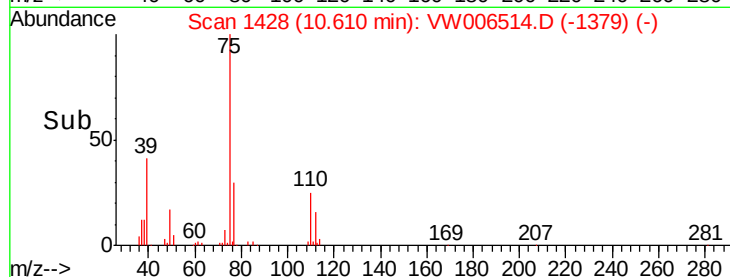
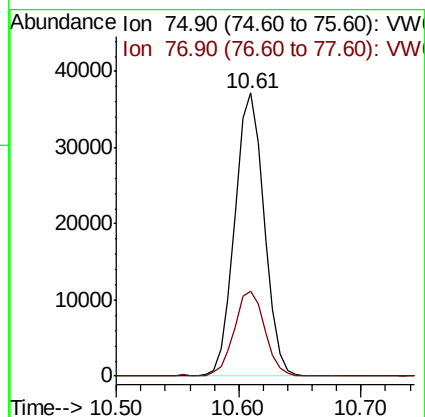
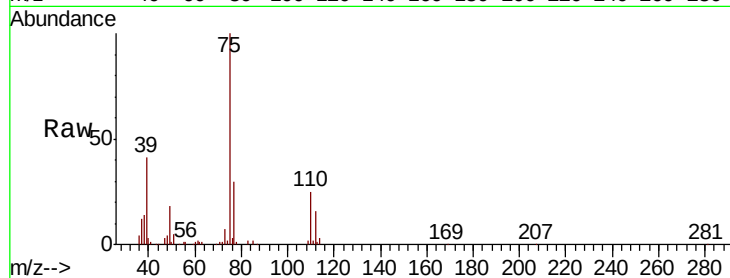
DL-03AMS

Tot Ion: 75 Resp: 61533

Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 57.735 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

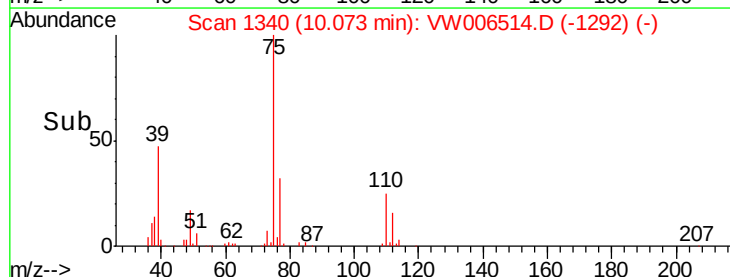
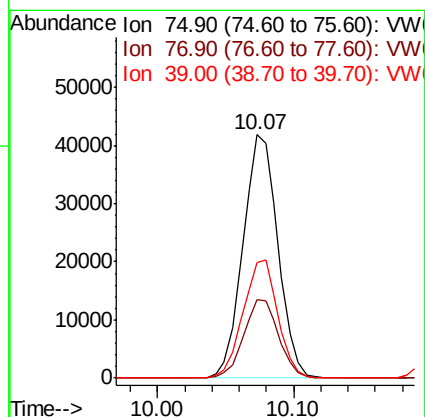
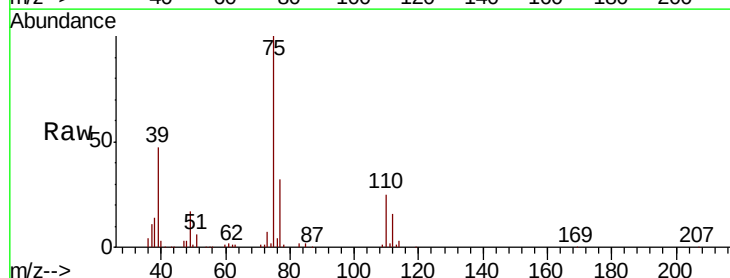
Tgt Ion: 75 Resp: 75024

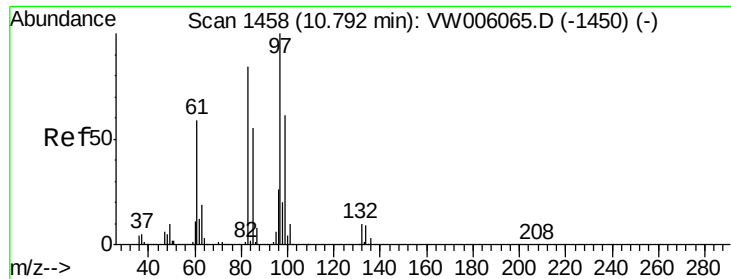
Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 47.3 39.9 59.9

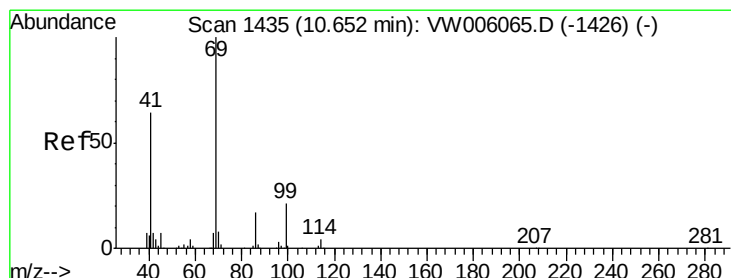
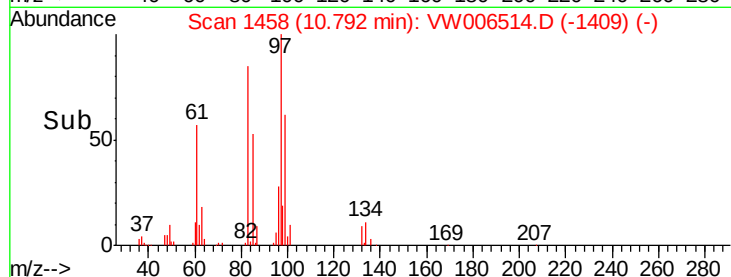
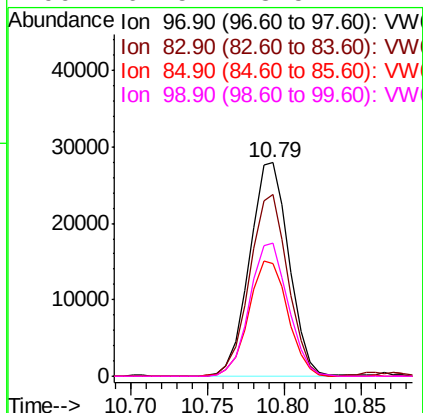
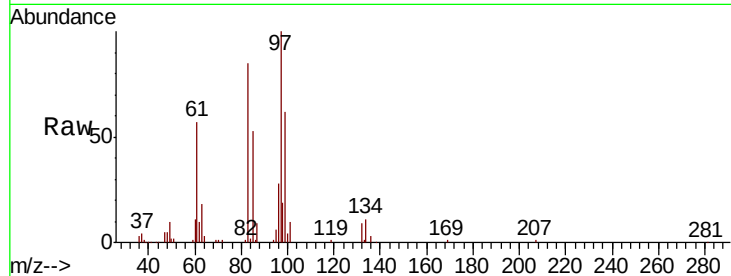




#55
 1,1,2-Trichloroethane
 Concen: 76.377 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

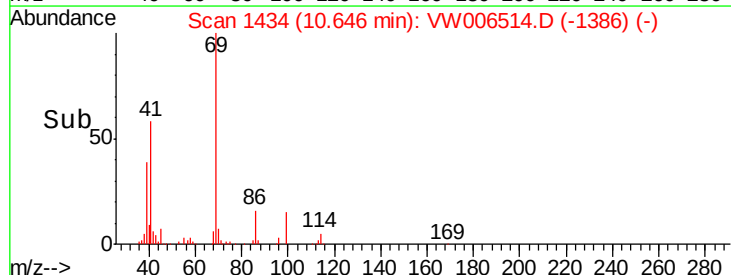
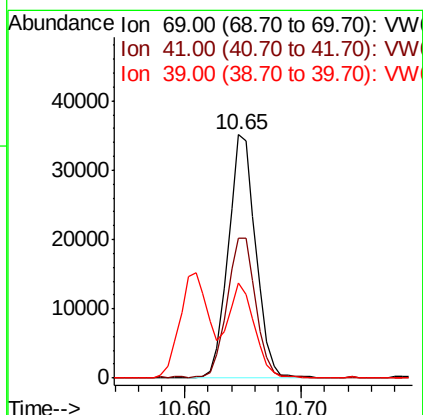
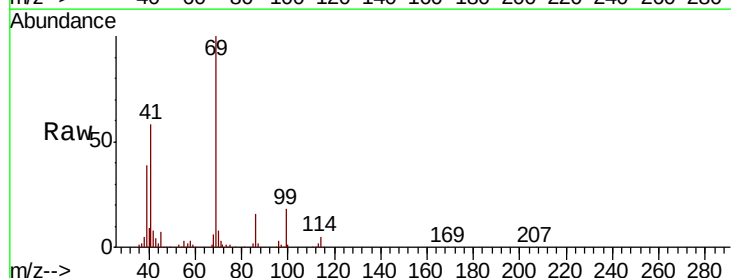
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

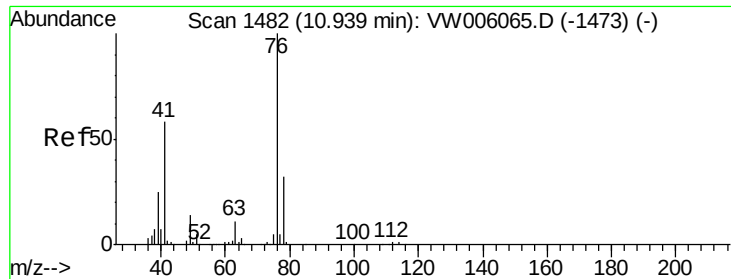
Tot Ion	97	Resp	50098
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.2	100.8
85	52.6	43.7	65.5
99	62.5	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 71.542 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	69	Resp	57528
Ion	Ratio	Lower	Upper
69	100		
41	60.2	52.8	79.2
39	37.3	30.6	45.8

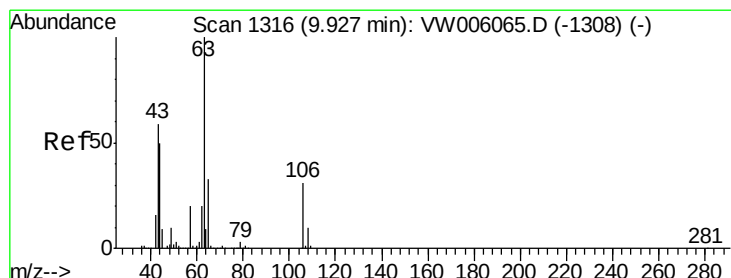
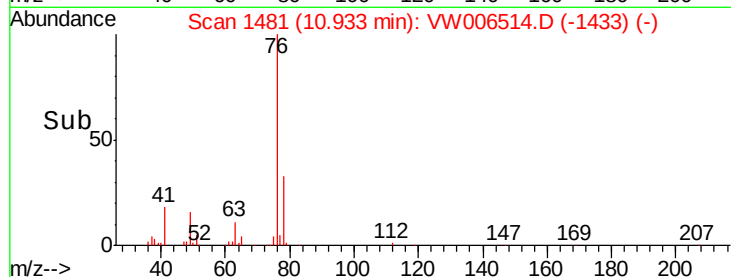
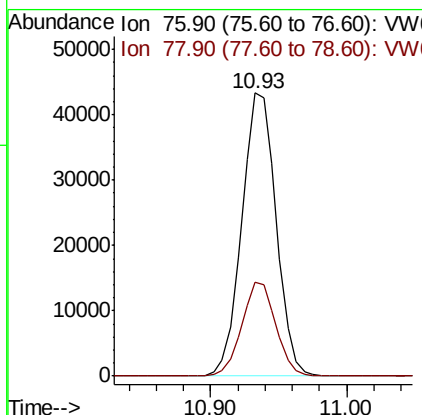
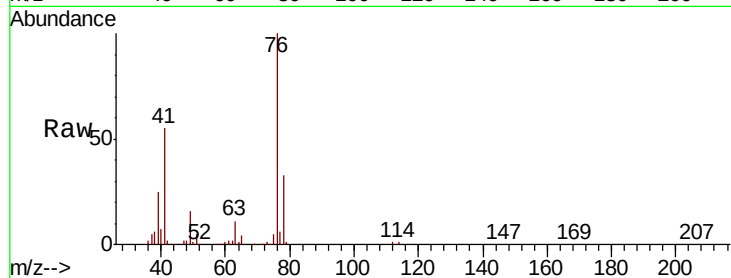




#57
 1,3-Dichloropropane
 Concen: 70.383 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

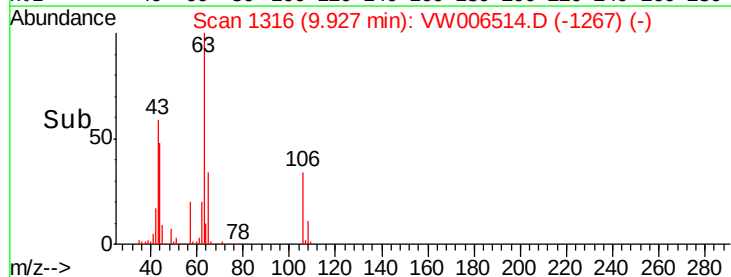
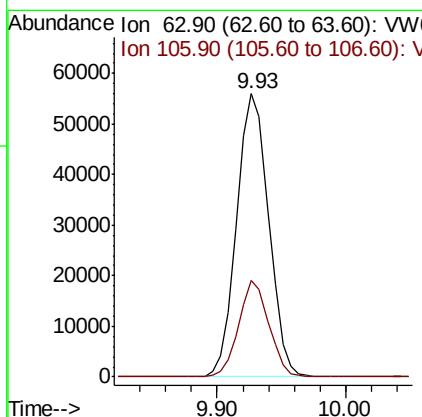
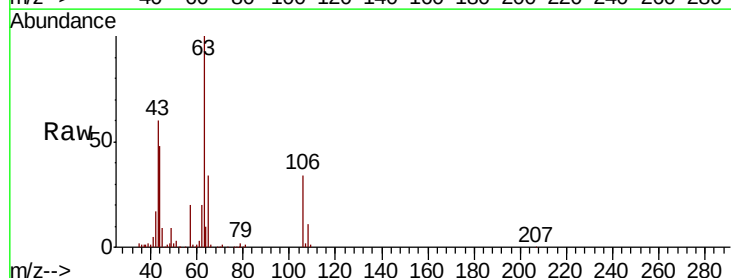
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

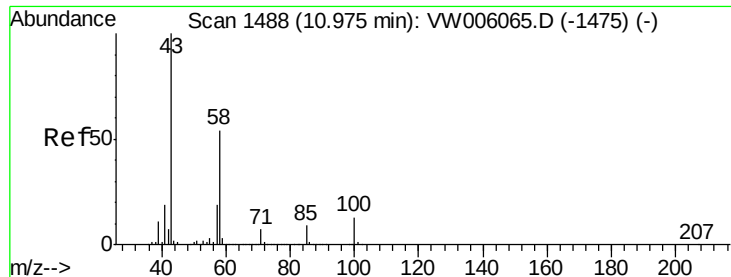
Tot Ion: 76 Resp: 76423
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 313.867 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion: 63 Resp: 96439
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.5 36.7

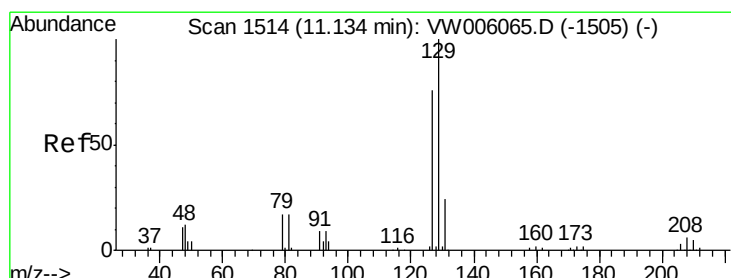
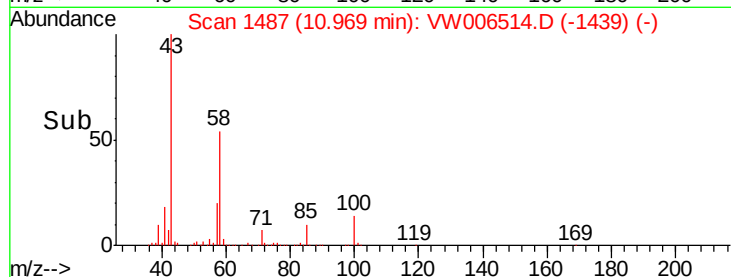
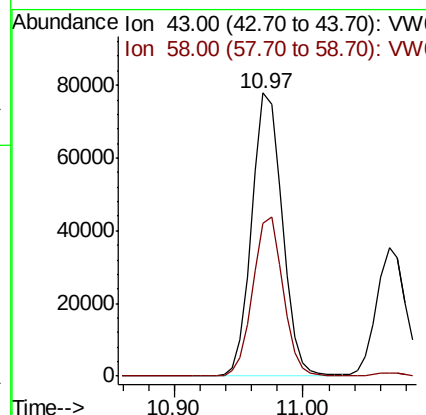
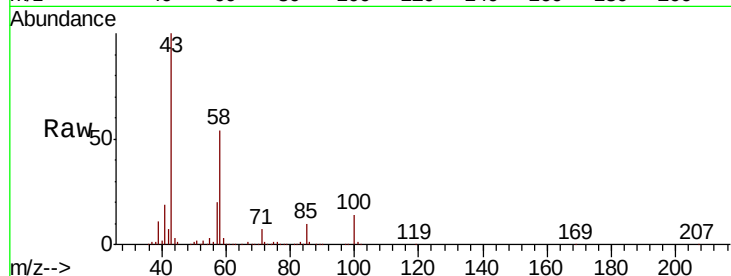




#59
2-Hexanone
Concen: 373.900 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

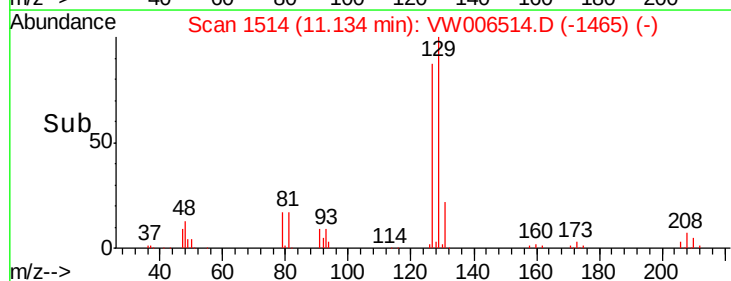
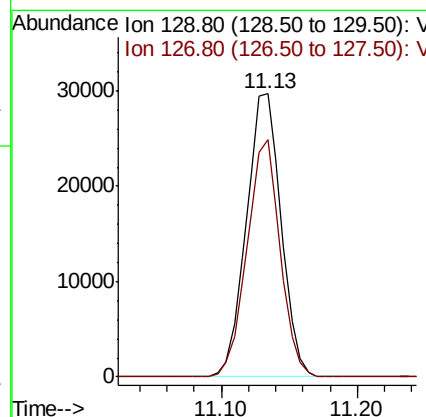
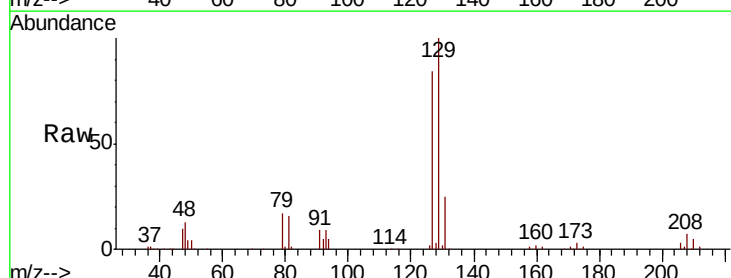
Instrument :
MSVOA_W
ClientSampled :
DL-03AMS

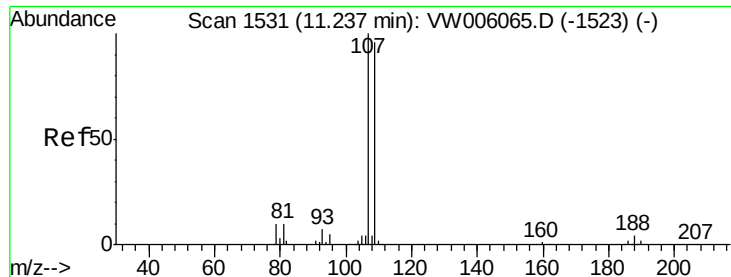
Tot Ion: 43 Resp: 127279
Ion Ratio Lower Upper
43 100
58 55.8 26.9 80.6



#60
Dibromochloromethane
Concen: 65.083 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 129 Resp: 53174
Ion Ratio Lower Upper
129 100
127 79.9 38.6 115.7

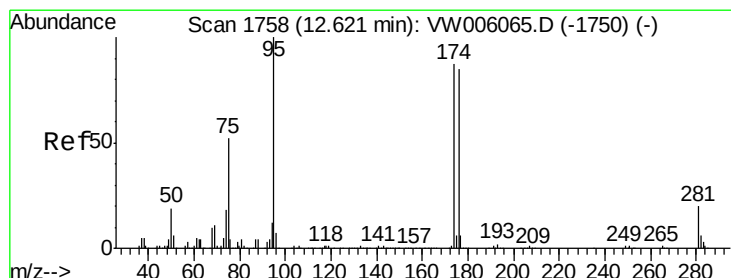
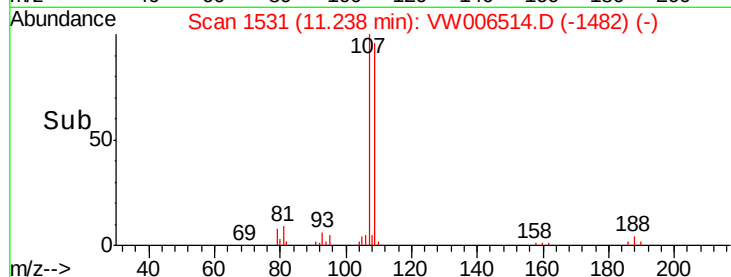
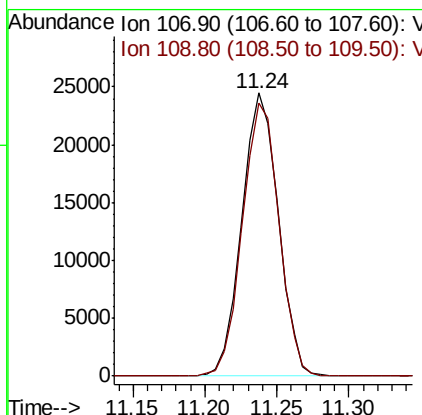
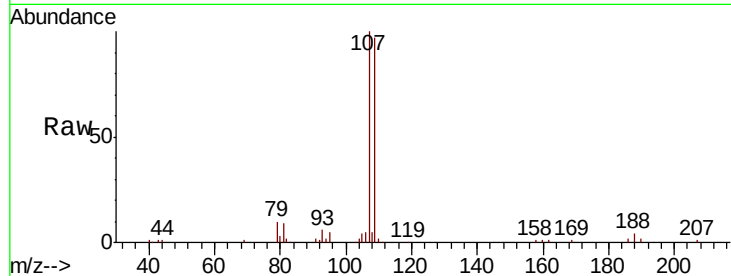




#61
 1,2-Dibromoethane
 Concen: 65.352 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

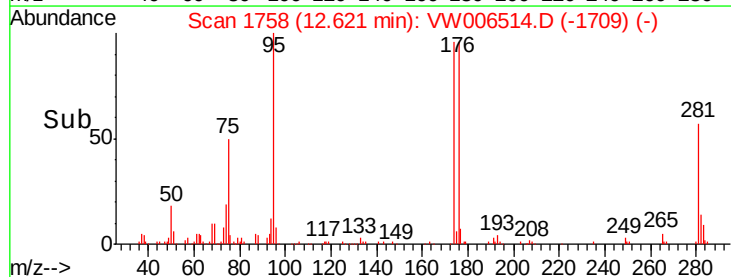
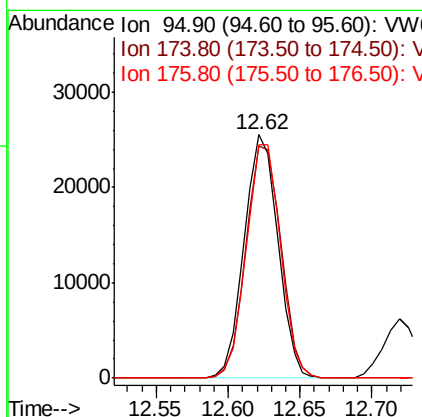
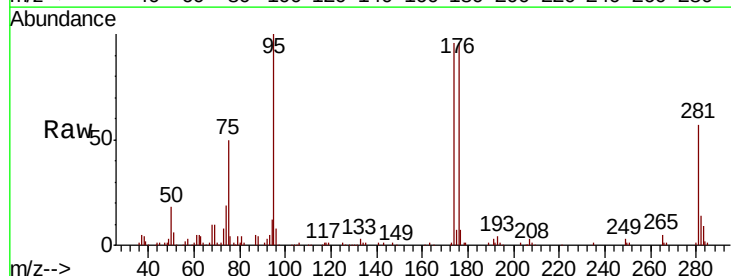
Instrument :
 MSVOA_W
 ClientSampled :
 DL-03AMS

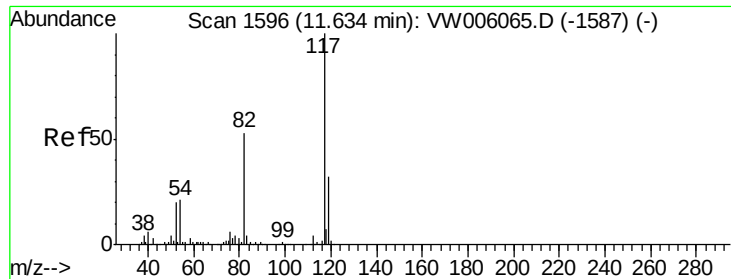
Tot Ion:107 Resp: 42831
 Ion Ratio Lower Upper
 107 100
 109 97.1 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 36.163 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion: 95 Resp: 41505
 Ion Ratio Lower Upper
 95 100
 174 98.7 0.0 186.0
 176 97.1 0.0 181.6

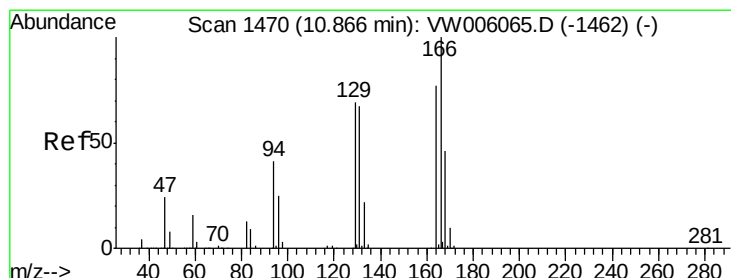
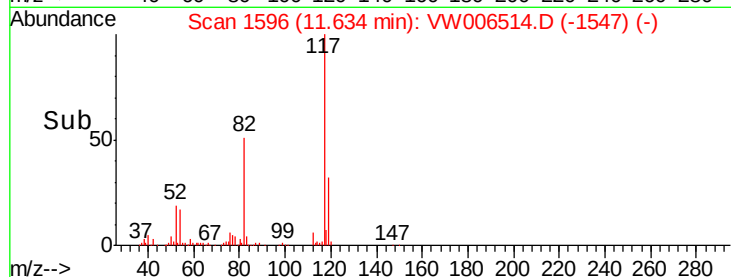
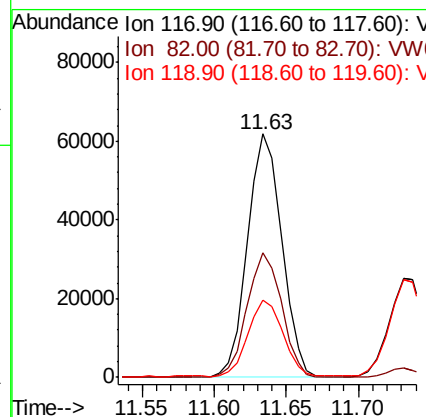
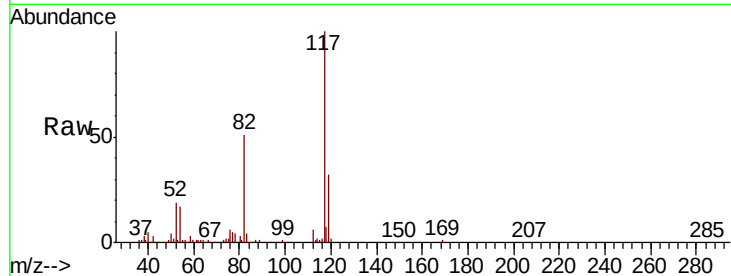




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

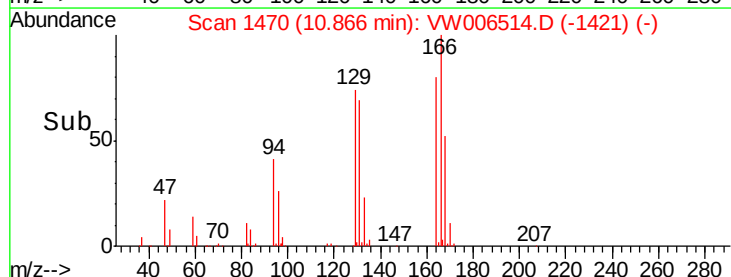
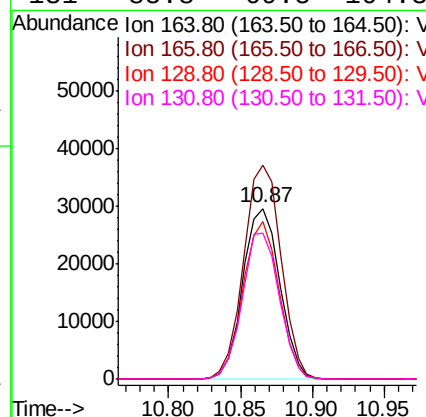
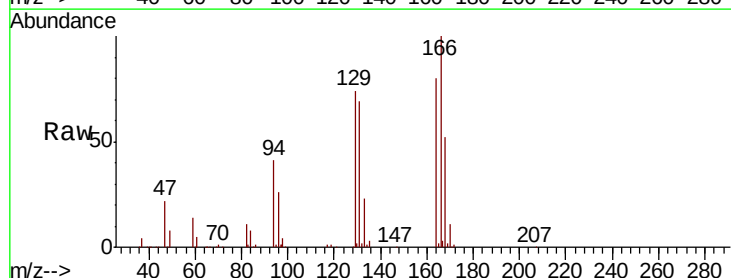
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

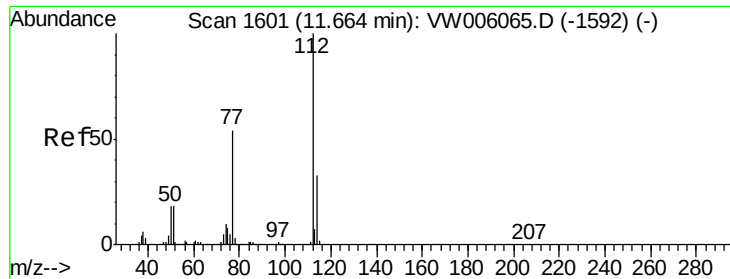
Tot Ion:117 Resp: 101906
Ion Ratio Lower Upper
117 100
82 51.0 42.1 63.1
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 66.722 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion:164 Resp: 52784
Ion Ratio Lower Upper
164 100
166 125.1 103.4 155.0
129 92.1 71.8 107.8
131 85.8 69.5 104.3

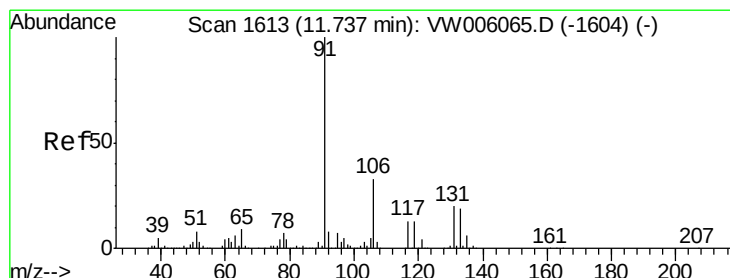
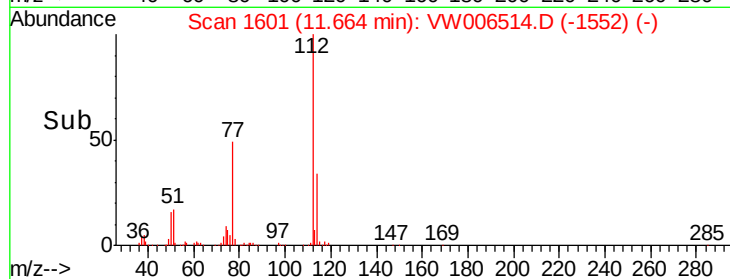
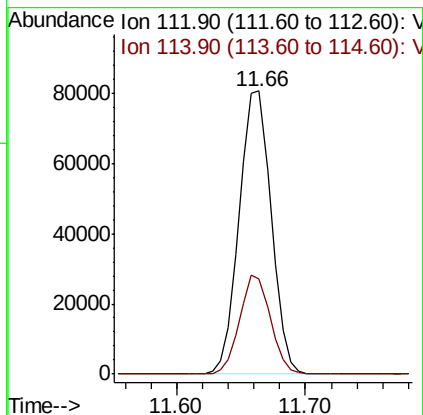
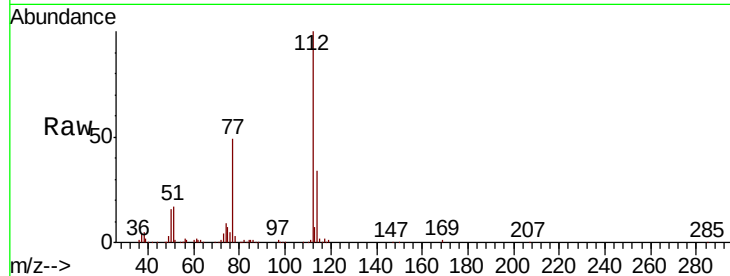




#65
Chlorobenzene
Concen: 63.681 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

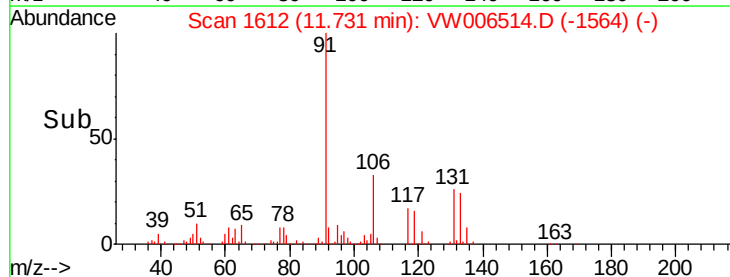
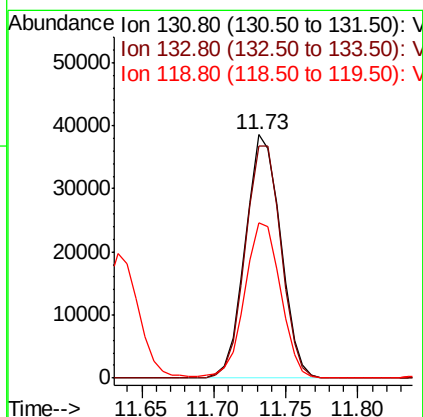
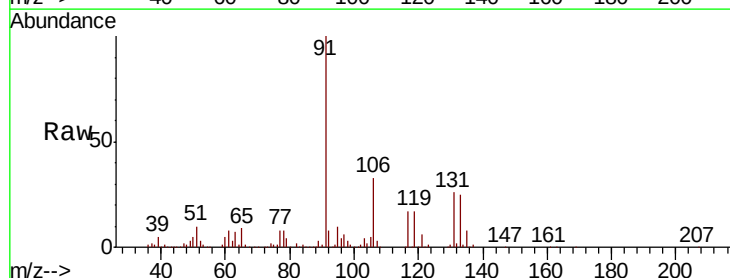
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

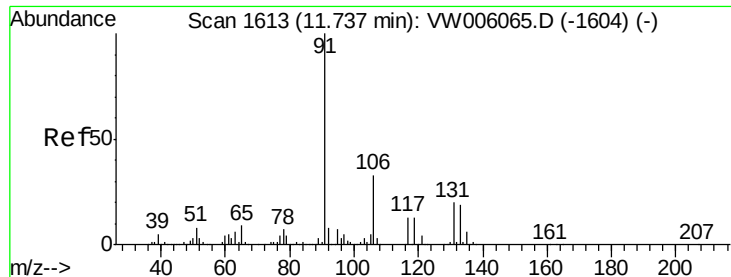
Tot Ion:112 Resp: 138920
Ion Ratio Lower Upper
112 100
114 33.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 84.229 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion:131 Resp: 65300
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.3
119 65.7 31.6 94.7

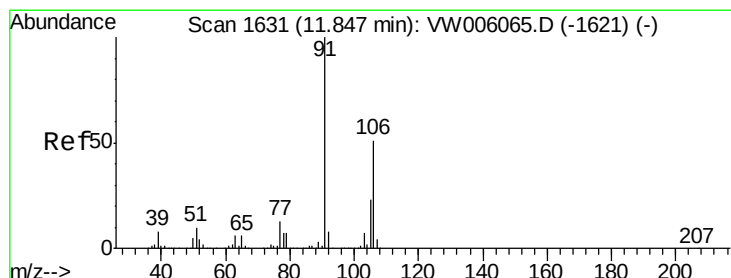
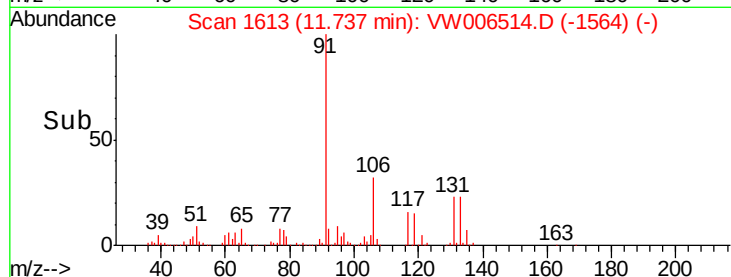
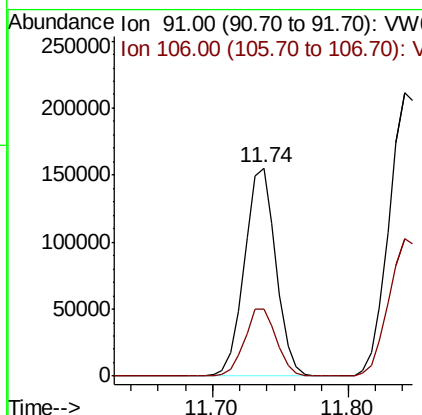
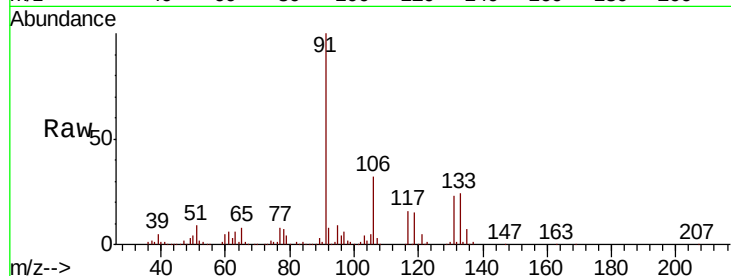




#67
Ethyl Benzene
Concen: 66.189 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

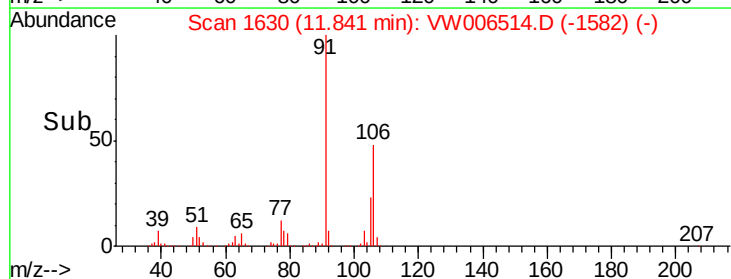
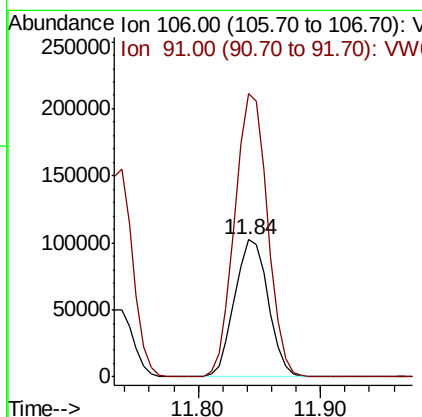
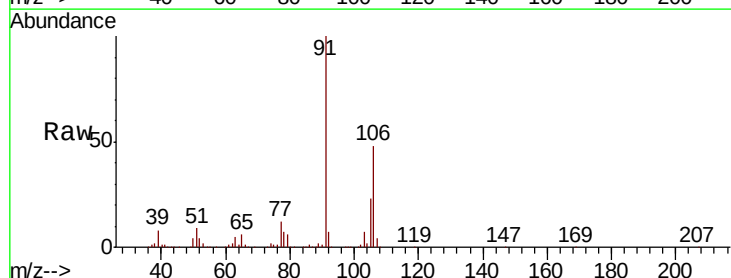
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

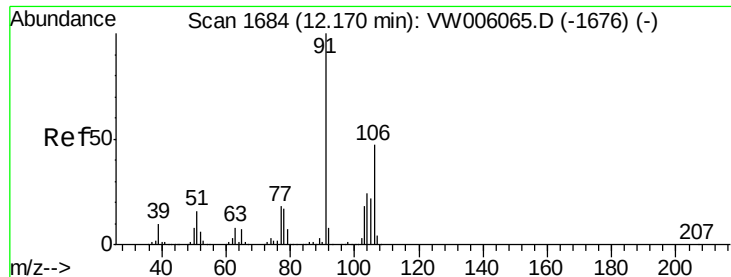
Tot Ion: 91 Resp: 250234
Ion Ratio Lower Upper
91 100
106 32.3 26.1 39.1



#68
m/p-Xylenes
Concen: 130.731 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 106 Resp: 195352
Ion Ratio Lower Upper
106 100
91 201.7 159.1 238.7

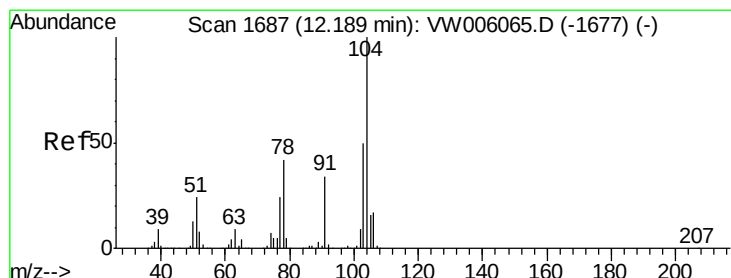
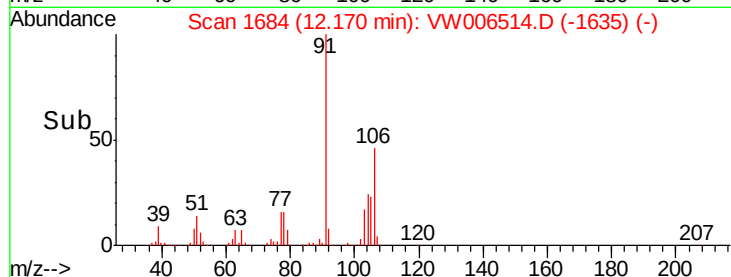
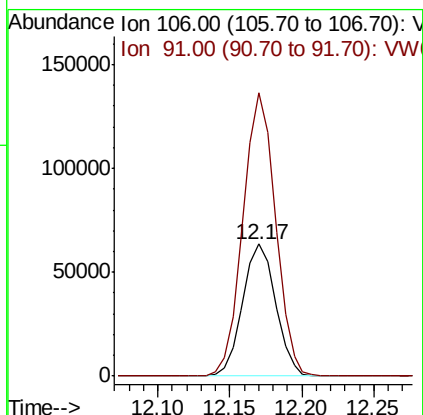
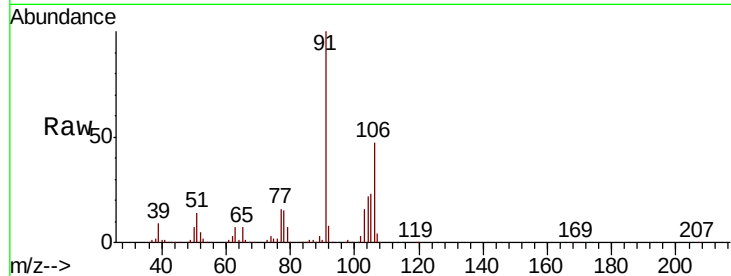




#69
o-Xylene
Concen: 71.263 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

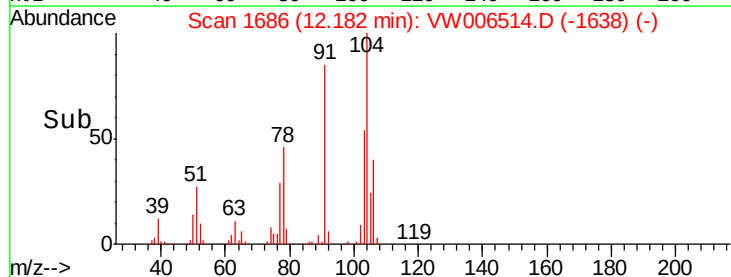
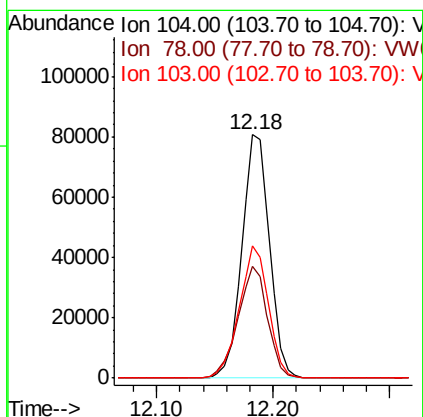
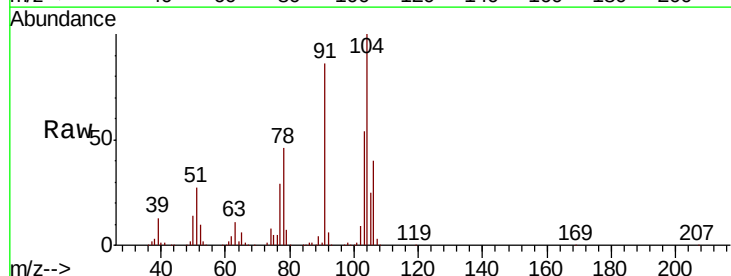
Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

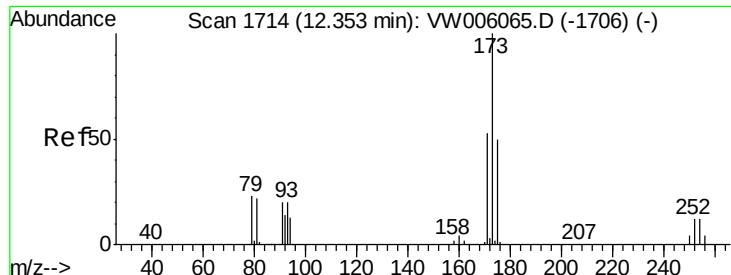
Tot Ion:106 Resp: 101486
Ion Ratio Lower Upper
106 100
91 210.2 105.4 316.1



#70
Styrene
Concen: 57.580 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion:104 Resp: 133343
Ion Ratio Lower Upper
104 100
78 48.9 39.1 58.7
103 57.3 44.3 66.5





#71

Bromoform

Concen: 79.166 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

DL-03AMS

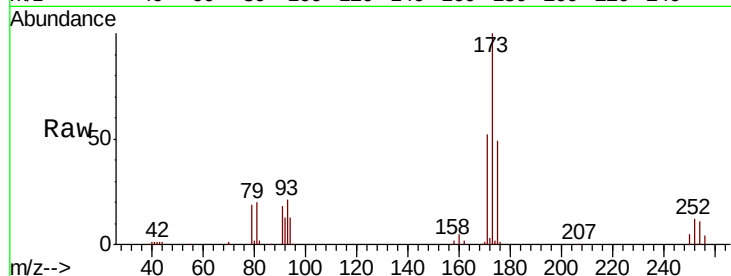
Tot Ion:173 Resp: 34233

Ion Ratio Lower Upper

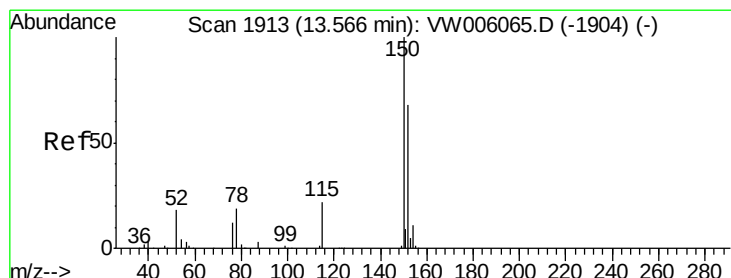
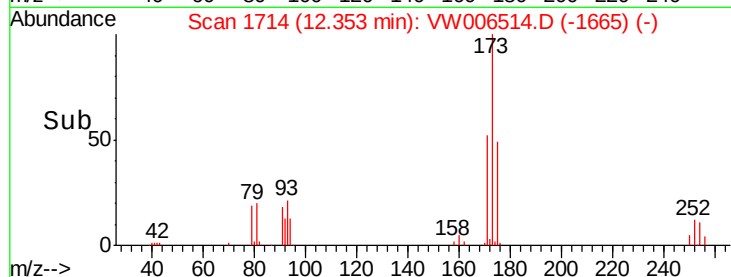
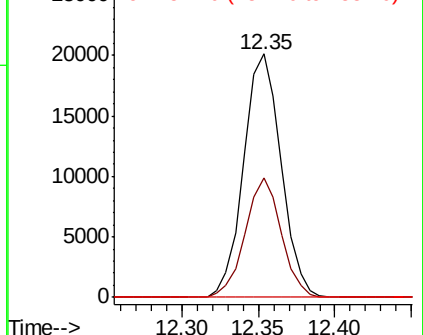
173 100

175 47.3 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

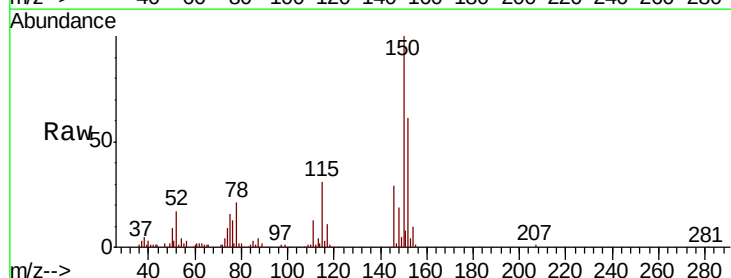
Tgt Ion:152 Resp: 37120

Ion Ratio Lower Upper

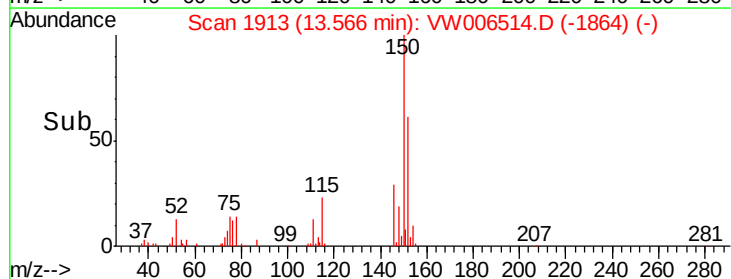
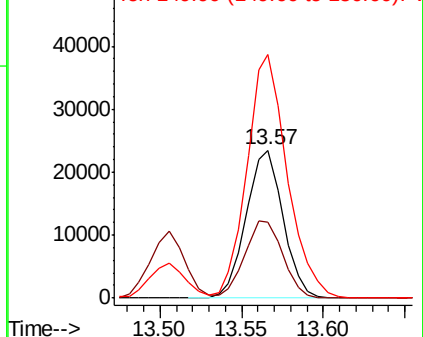
152 100

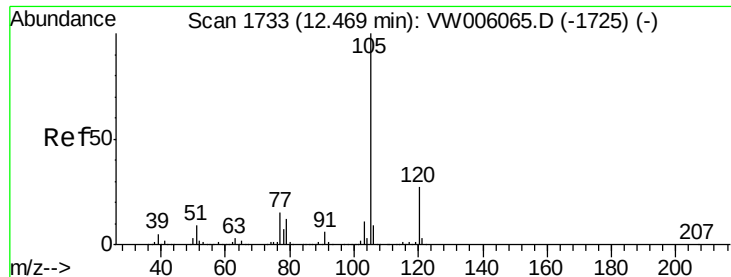
115 53.4 27.8 83.3

150 179.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 100.804 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

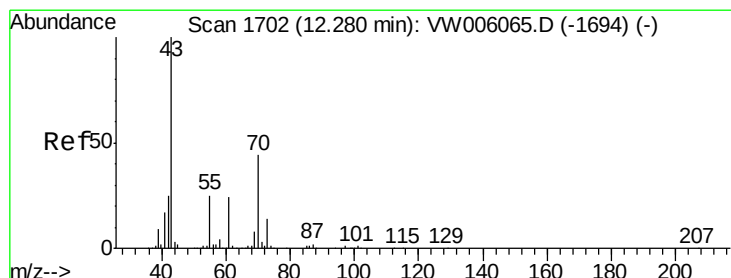
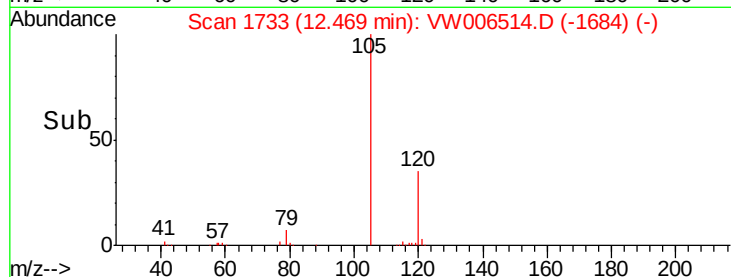
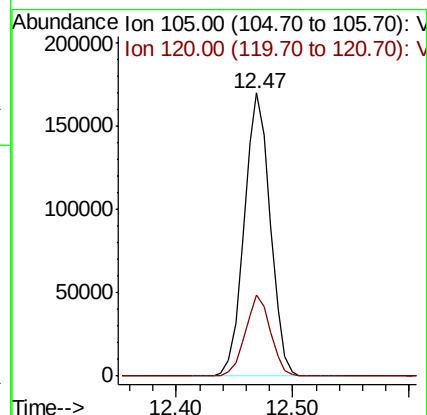
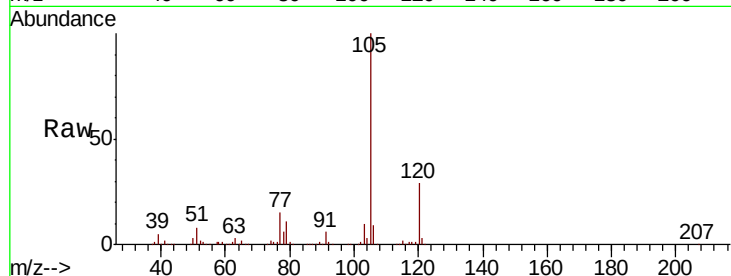
DL-03AMS

Tot Ion:105 Resp: 264351

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7



#74

N-ethyl acetate

Concen: 105.569 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion: 43 Resp: 53771

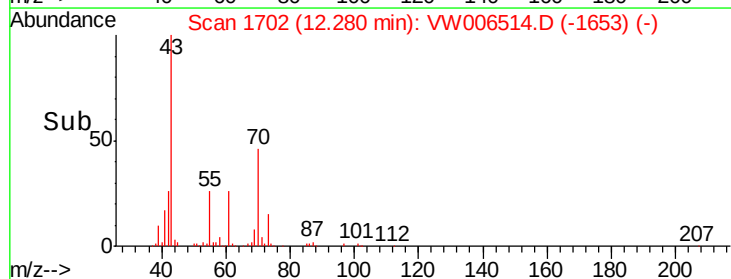
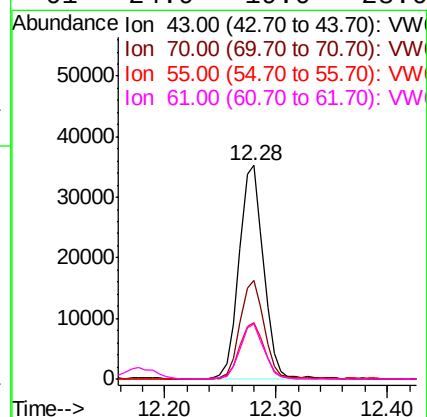
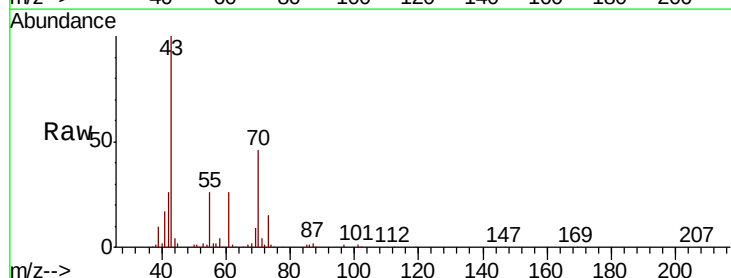
Ion Ratio Lower Upper

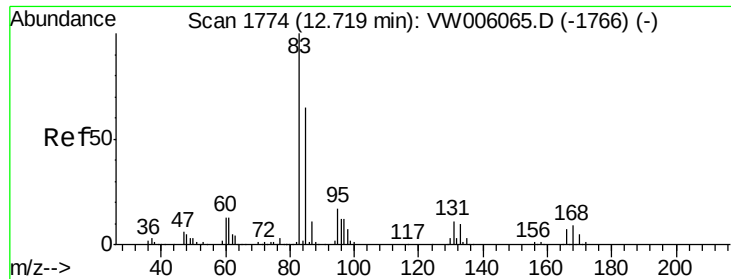
43 100

70 45.4 34.2 51.4

55 27.0 19.2 28.8

61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 145.052 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

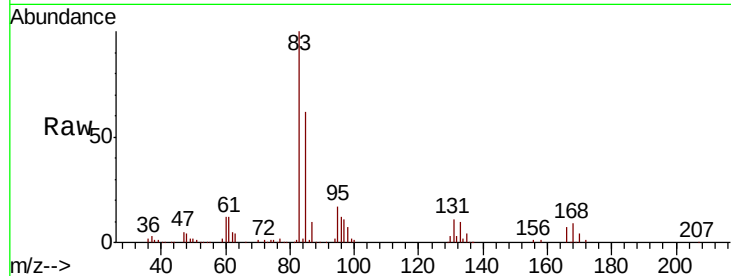
Tot Ion: 83 Resp: 57855

Ion Ratio Lower Upper

83 100

131 11.4 5.9 17.7

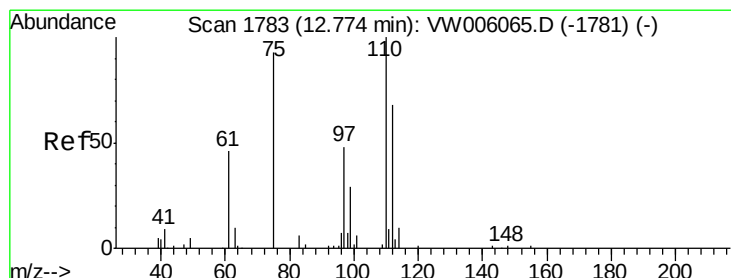
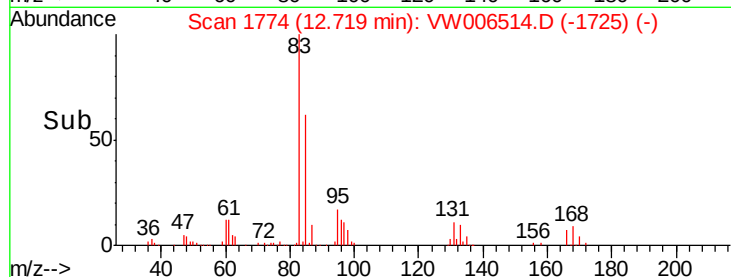
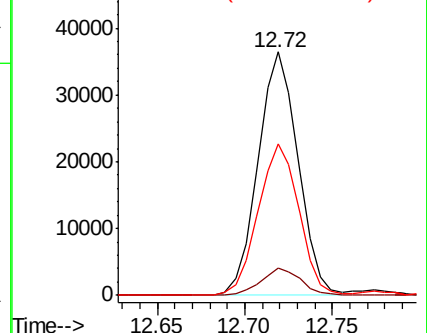
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 223.403 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006514.D

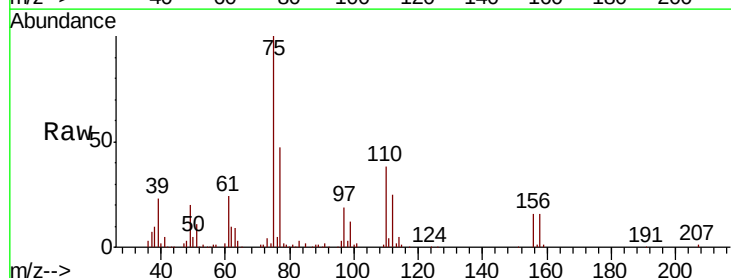
Acq: 30 Oct 2018 20:36

Tgt Ion: 75 Resp: 63340

Ion Ratio Lower Upper

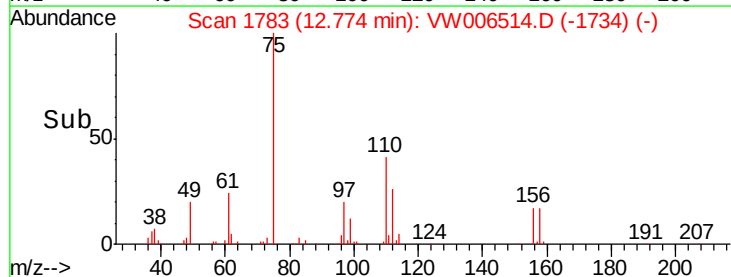
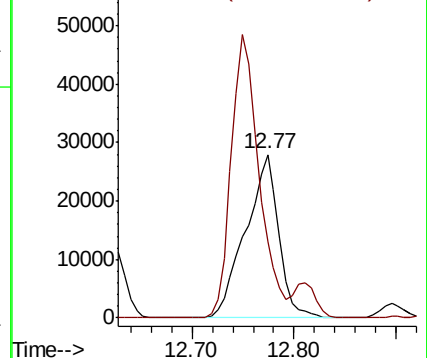
75 100

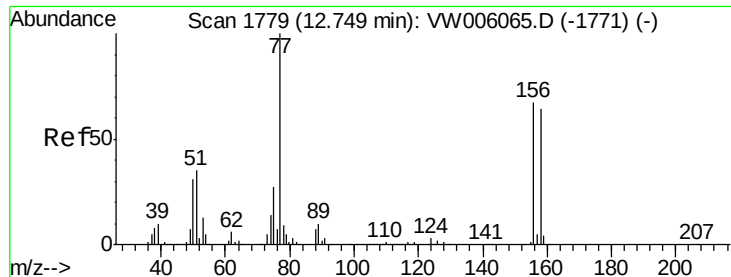
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 87.072 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

DL-03AMS

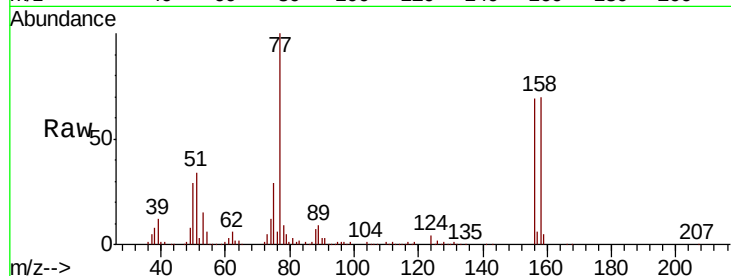
Tot Ion:156 Resp: 55928

Ion Ratio Lower Upper

156 100

77 164.2 79.1 237.4

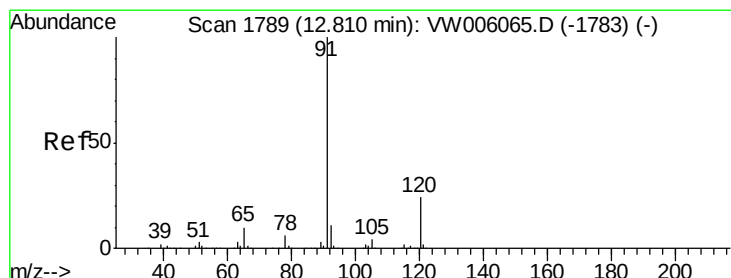
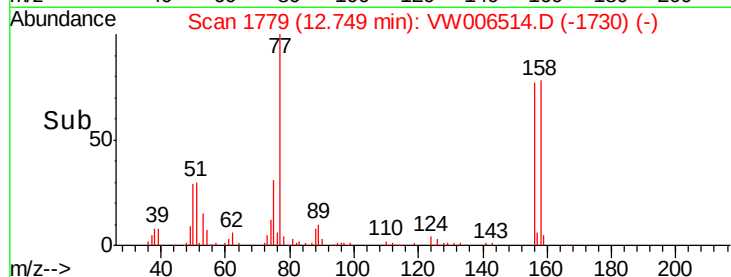
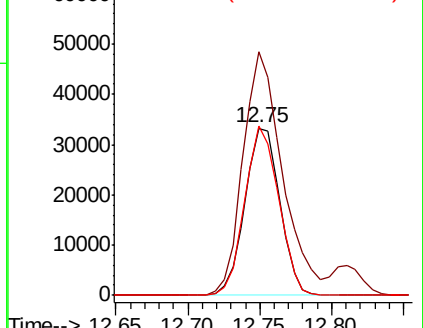
158 98.4 48.5 145.6



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: 83.010 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006514.D

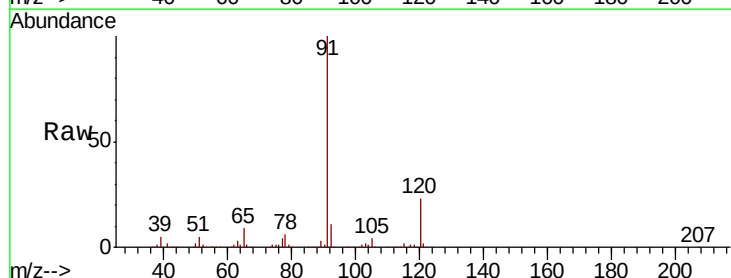
Acq: 30 Oct 2018 20:36

Tgt Ion: 91 Resp: 253260

Ion Ratio Lower Upper

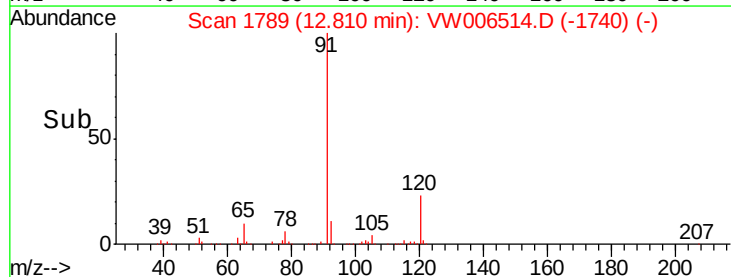
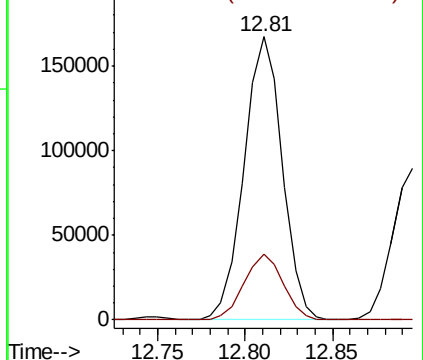
91 100

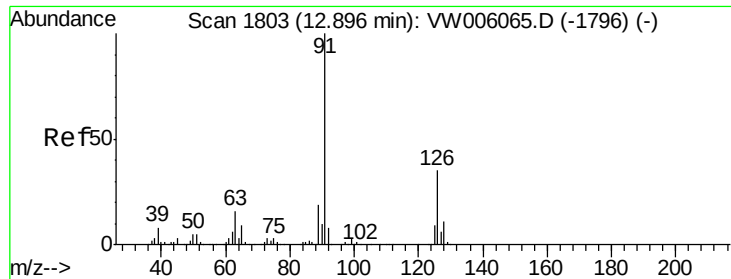
120 23.8 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

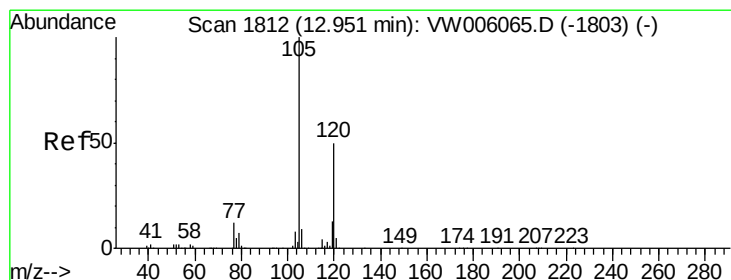
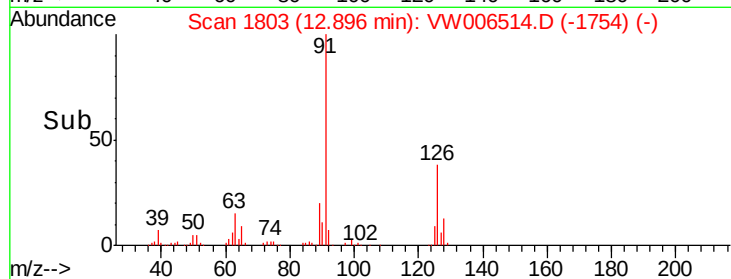
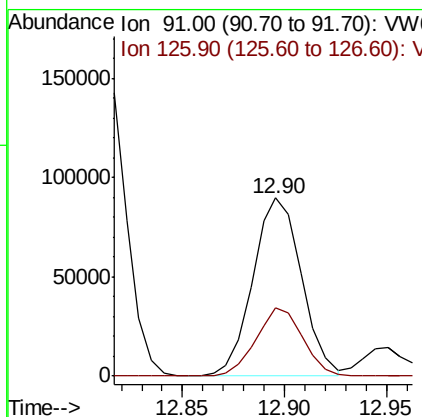
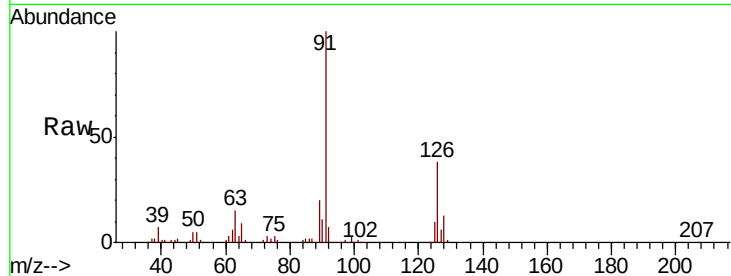




#79
 2-Chlorotoluene
 Concen: 86.745 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

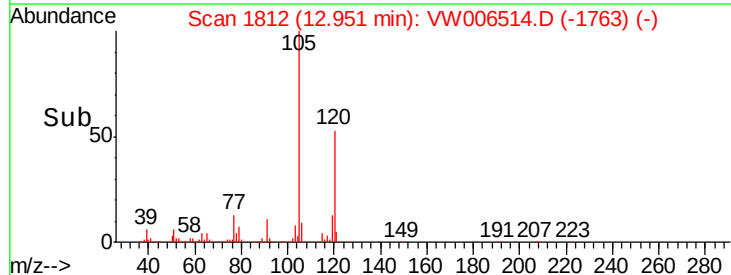
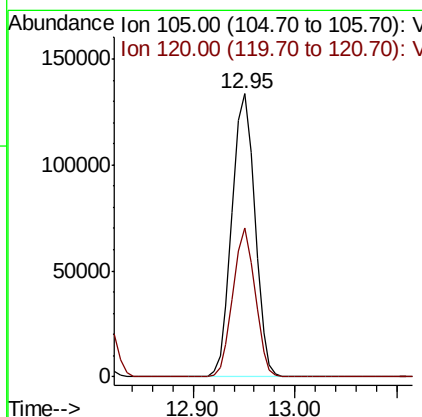
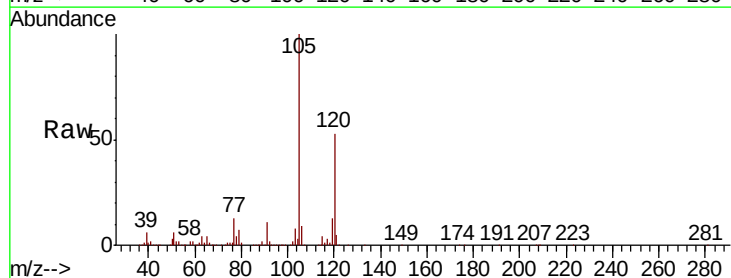
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

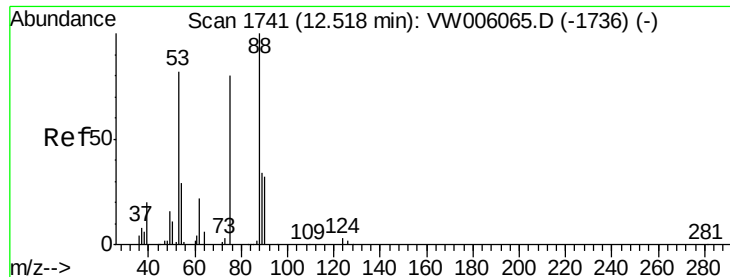
Tot Ion: 91 Resp: 148699
 Ion Ratio Lower Upper
 91 100
 126 37.1 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 94.350 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion:105 Resp: 208585
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 106.298 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

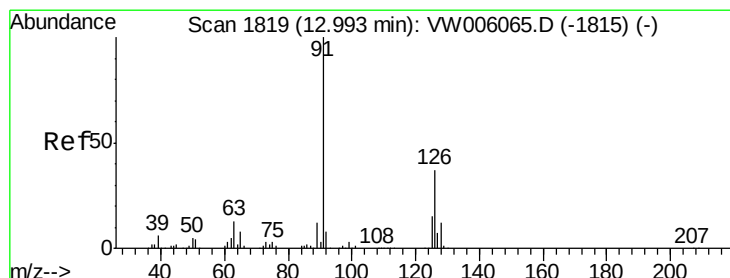
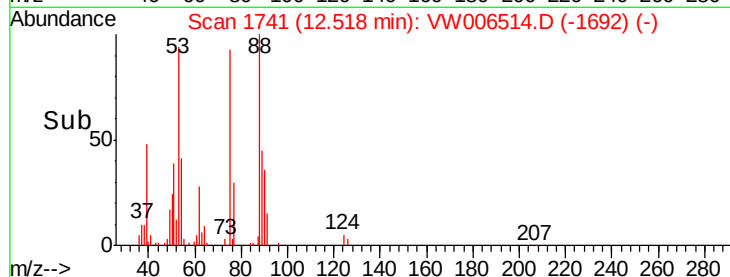
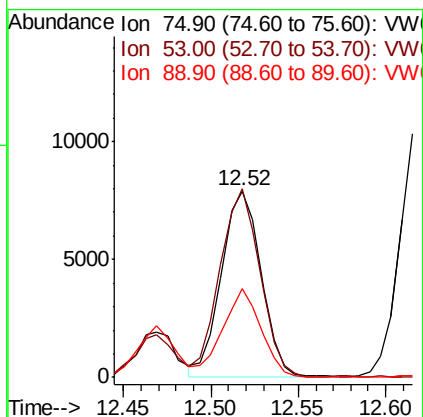
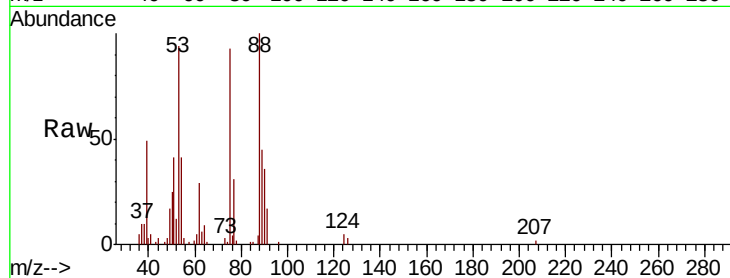
Tot Ion: 75 Resp: 12608

Ion Ratio Lower Upper

75 100

53 101.5 79.8 119.6

89 46.0 37.5 56.3



#82

4-Chlorotoluene

Concen: 71.816 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006514.D

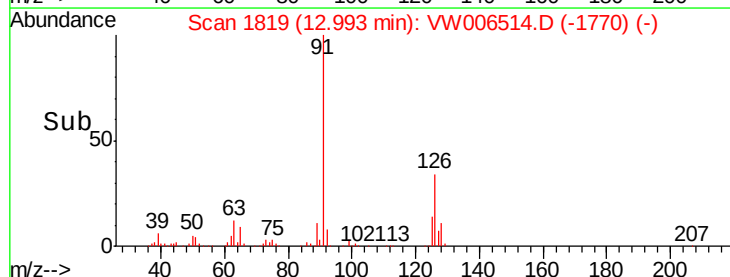
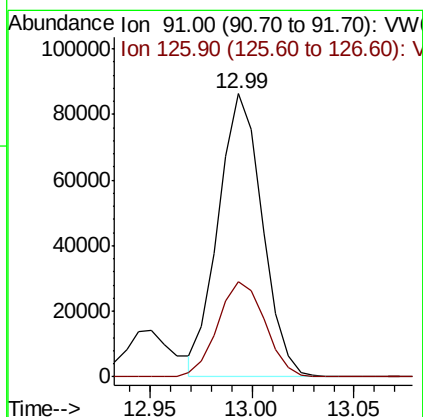
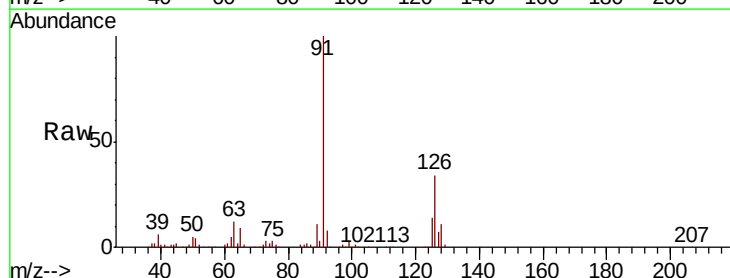
Acq: 30 Oct 2018 20:36

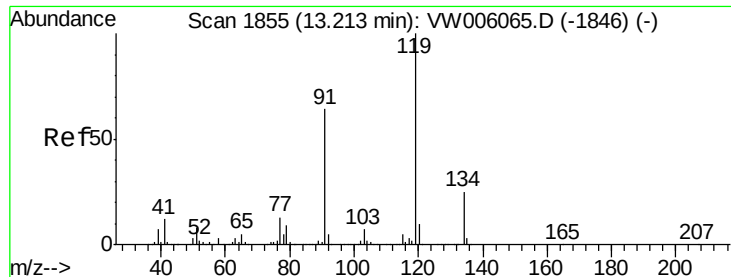
Tgt Ion: 91 Resp: 128959

Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.3

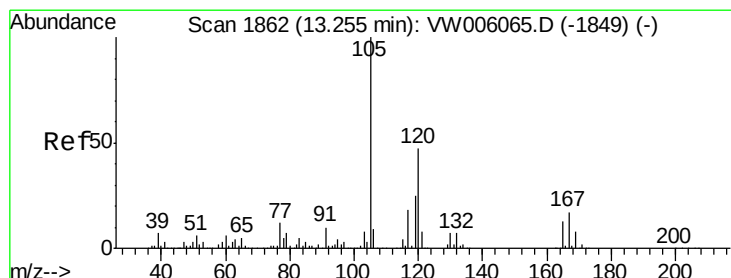
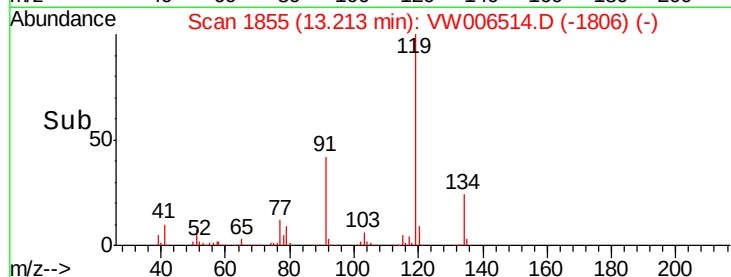
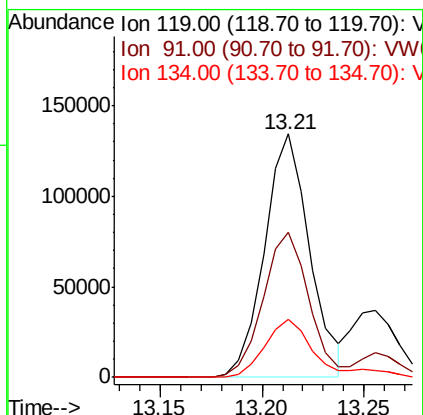
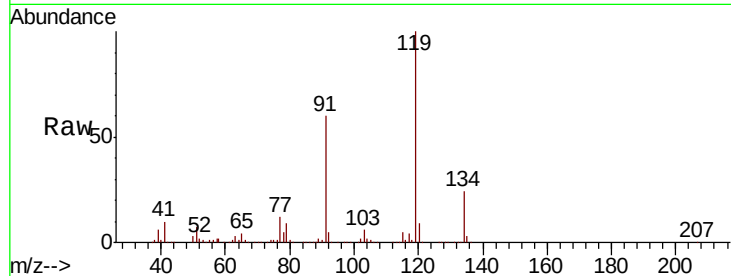




#83
 tert-Butylbenzene
 Concen: 104.875 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

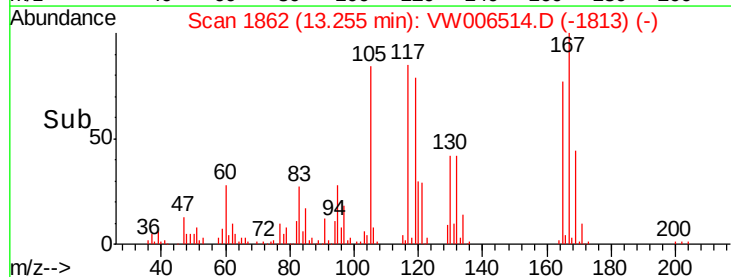
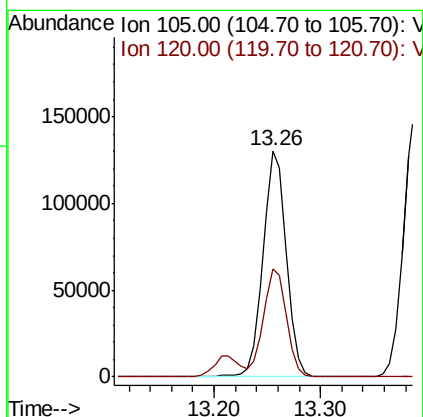
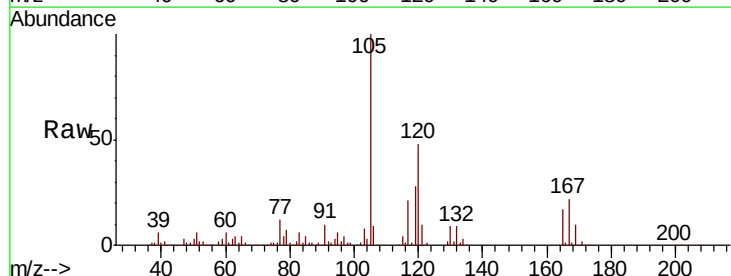
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

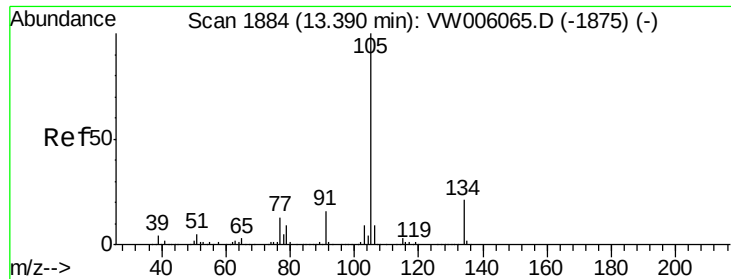
Tot Ion:119 Resp: 207439
 Ion Ratio Lower Upper
 119 100
 91 61.1 32.3 96.9
 134 24.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 89.490 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion:105 Resp: 200196
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 85.711 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

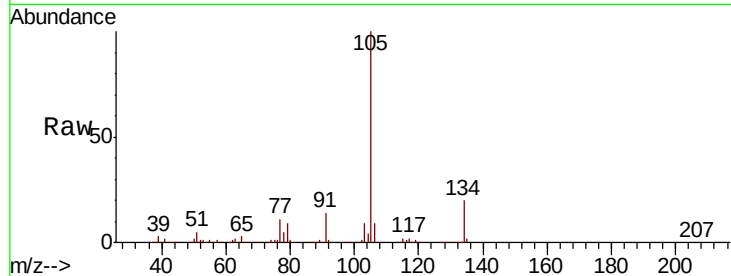
DL-03AMS

Tot Ion:105 Resp: 239505

Ion Ratio Lower Upper

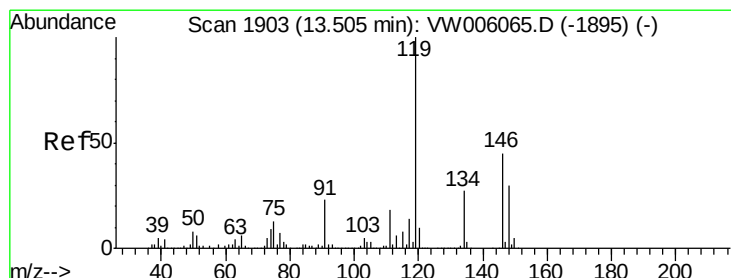
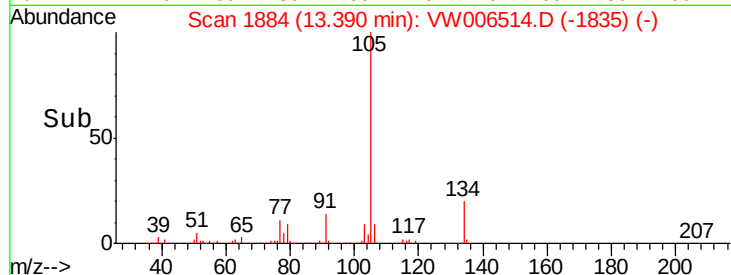
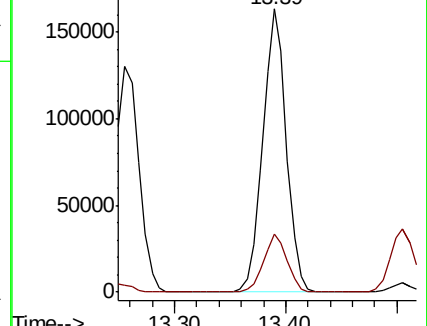
105 100

134 20.6 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 80.756 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

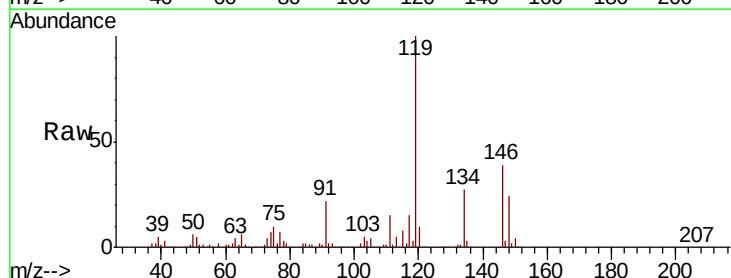
Tgt Ion:119 Resp: 204109

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

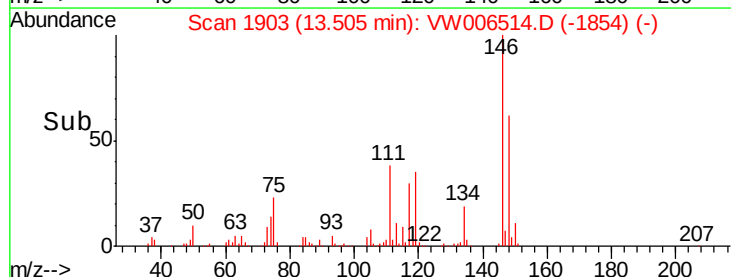
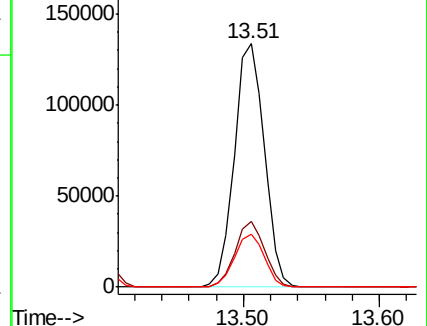
91 21.9 11.4 34.1

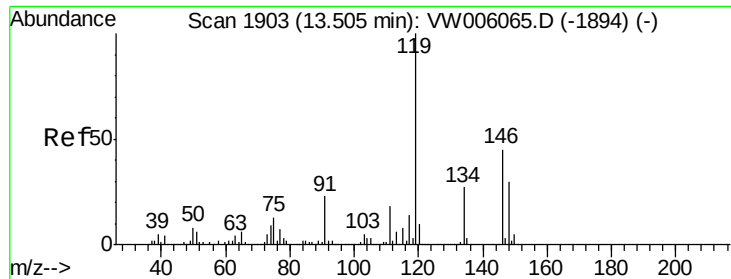


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 65.432 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

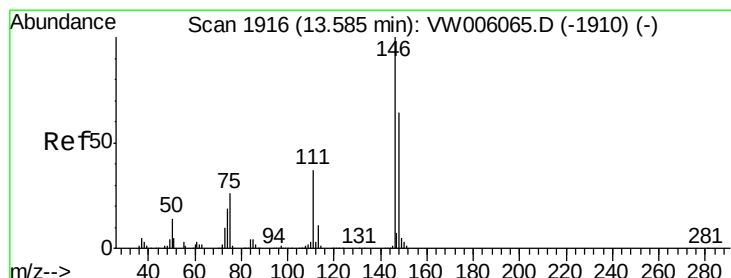
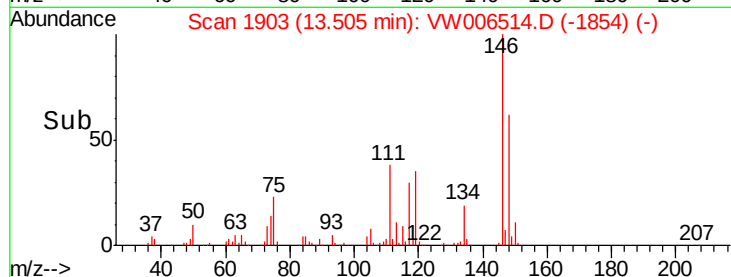
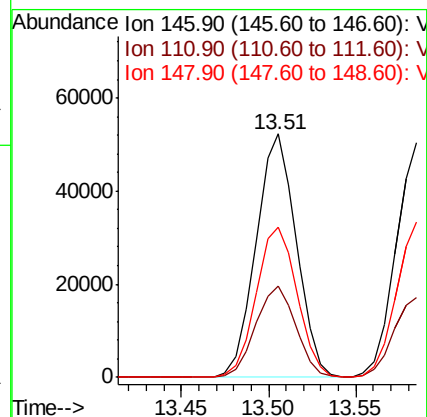
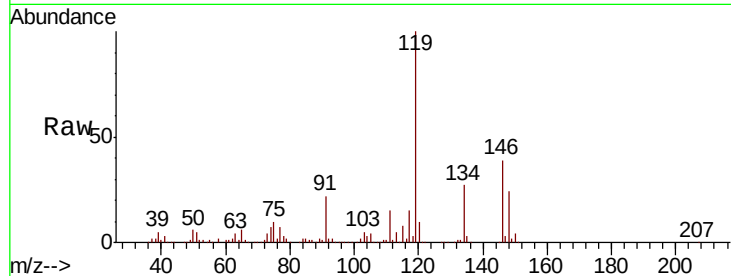
Tot Ion:146 Resp: 83643

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.5

148 62.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 62.059 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

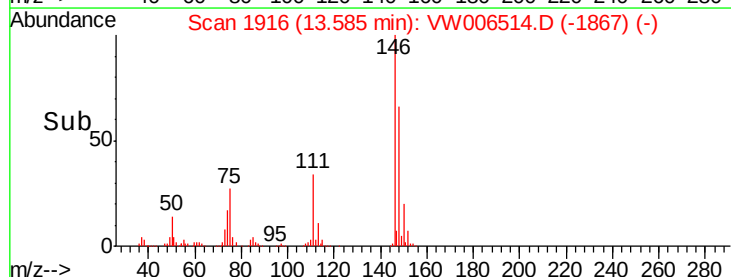
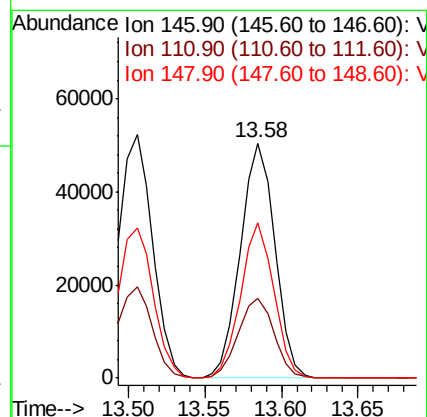
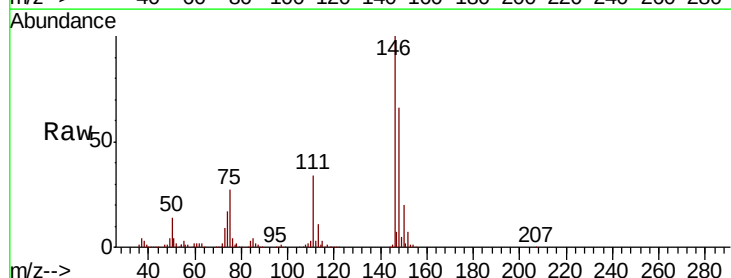
Tgt Ion:146 Resp: 78987

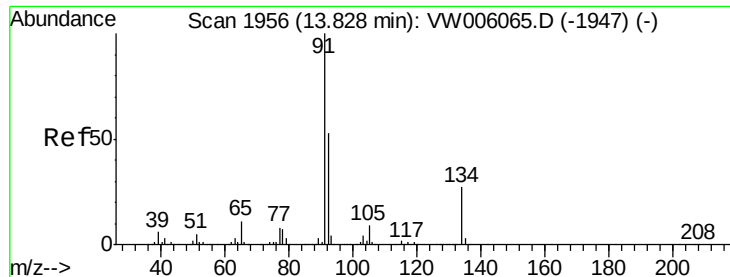
Ion Ratio Lower Upper

146 100

111 35.3 18.6 56.0

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 52.350 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

DL-03AMS

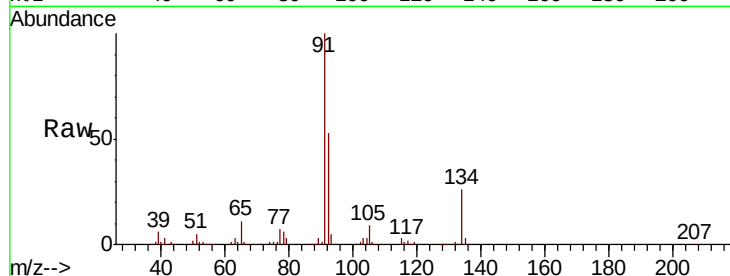
Tot Ion: 91 Resp: 121006

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

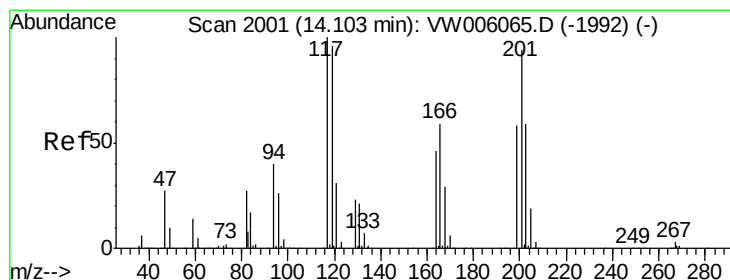
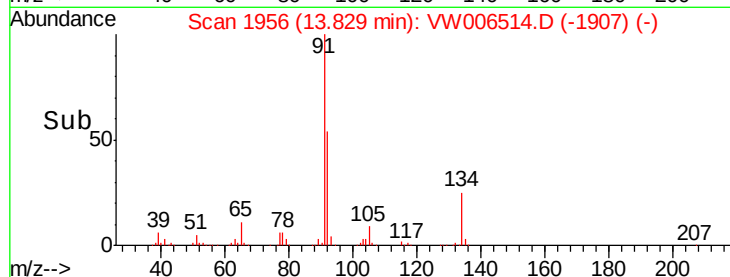
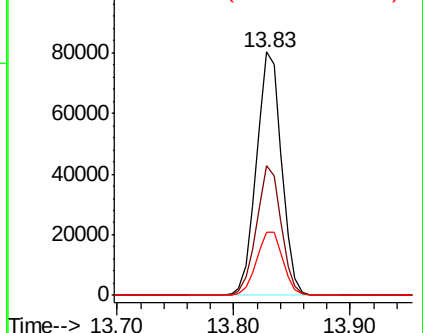
134 27.2 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 98.083 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006514.D

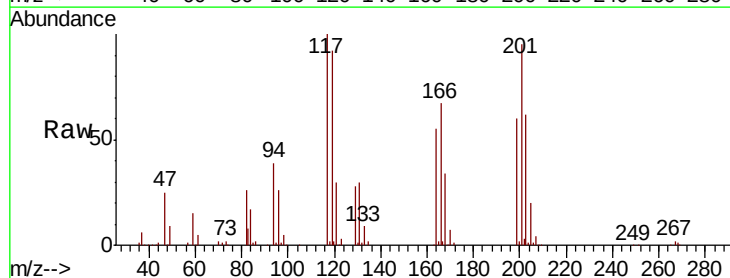
Acq: 30 Oct 2018 20:36

Tgt Ion: 117 Resp: 41991

Ion Ratio Lower Upper

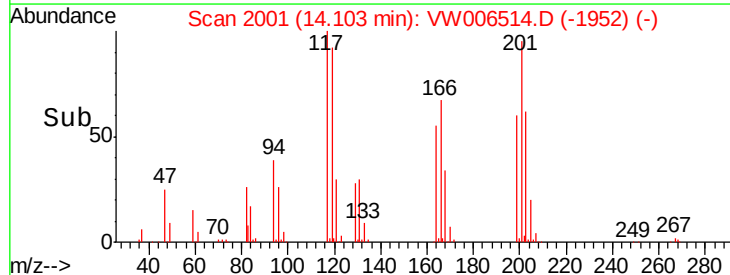
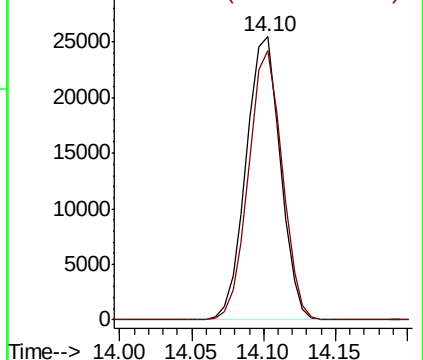
117 100

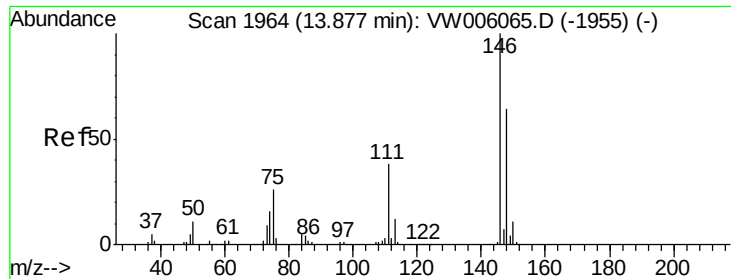
201 93.4 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

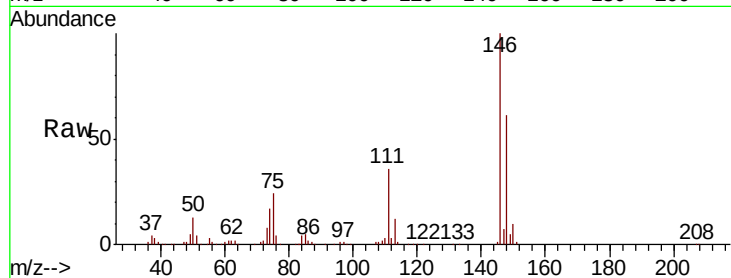




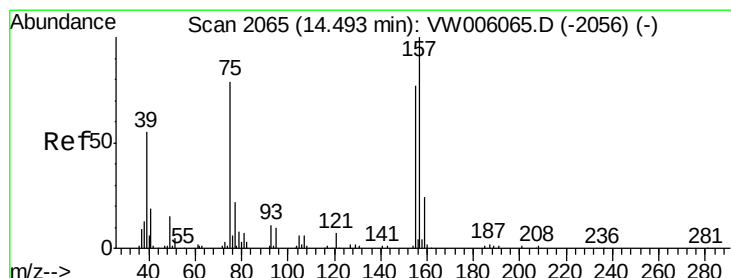
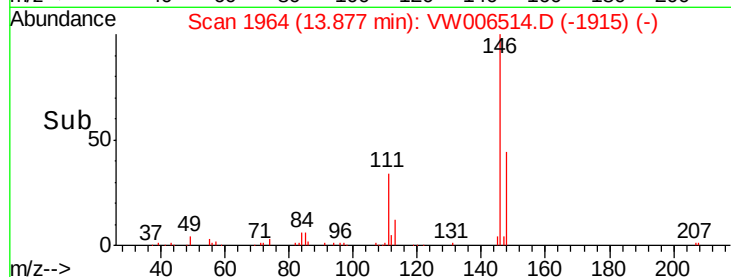
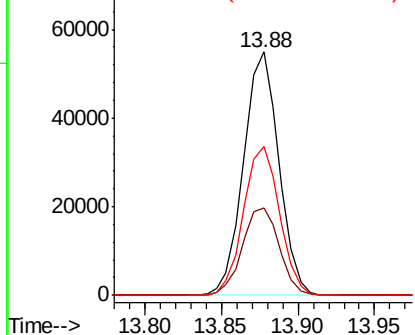
#91
 1,2-Dichlorobenzene
 Concen: 77.266 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.6	58.7
148	62.7	32.2	96.6

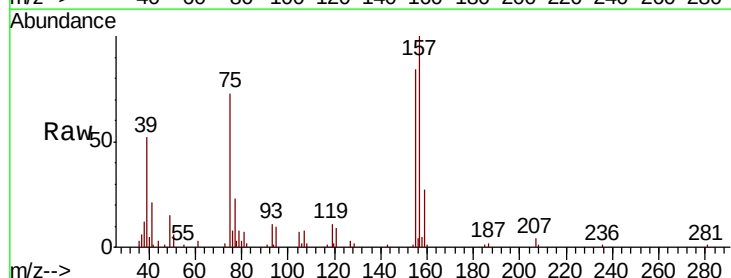


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

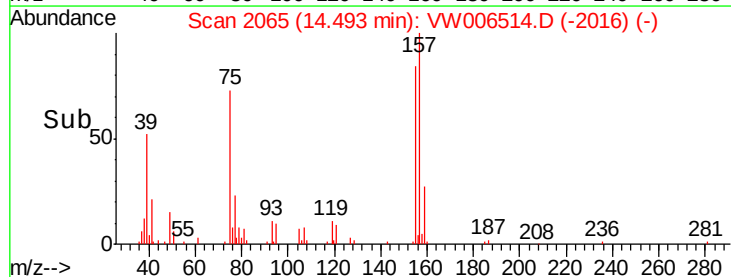
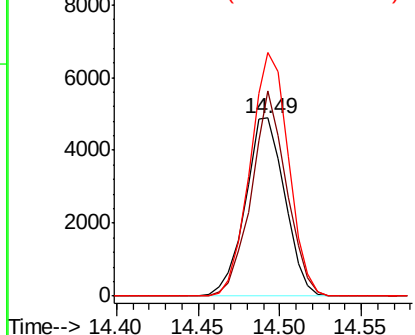


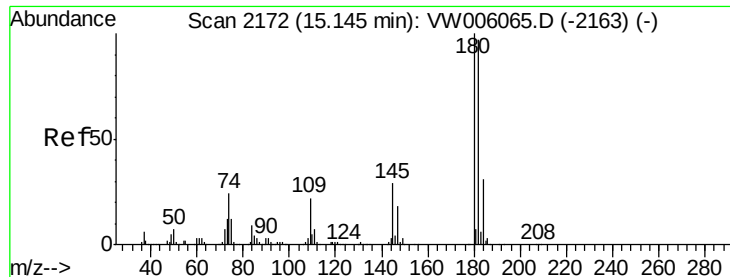
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.611 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	46.5	139.5
157	132.3	59.8	179.4



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

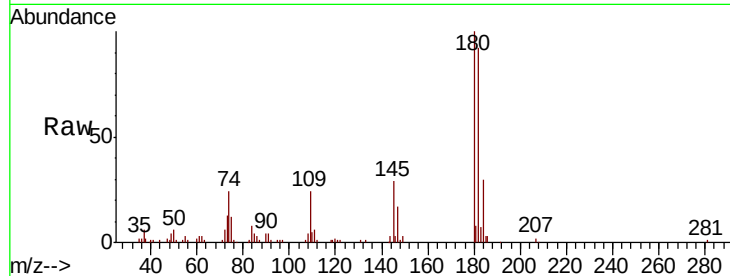




#93
 1,2,4-Trichlorobenzene
 Concen: 36.367 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.9	143.6
145	28.5	14.2	42.8

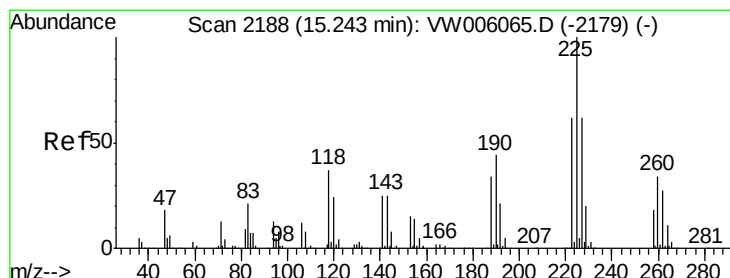
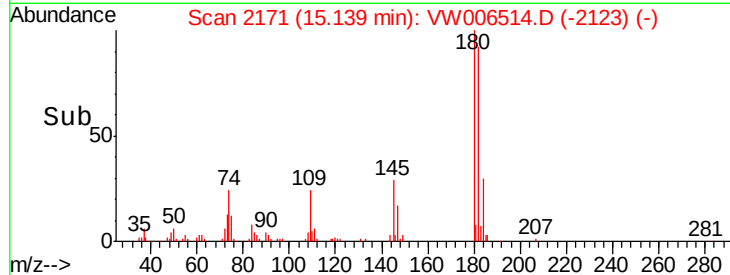
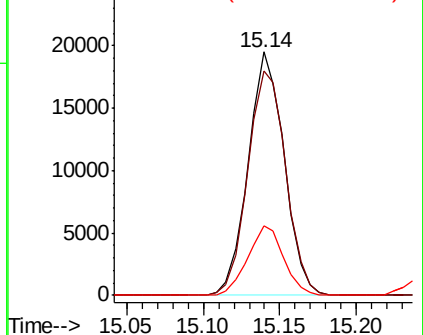


Abundance

Ion 179.80 (179.50 to 180.50): V

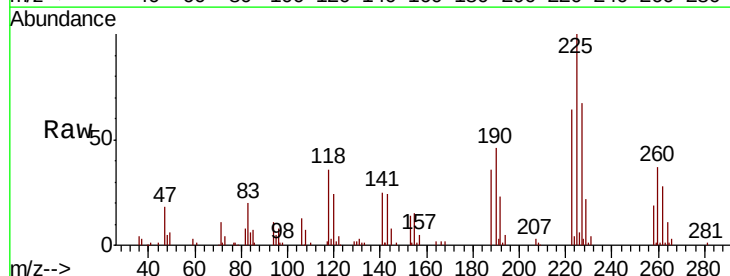
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.188 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.5
227	63.5	32.4	97.0

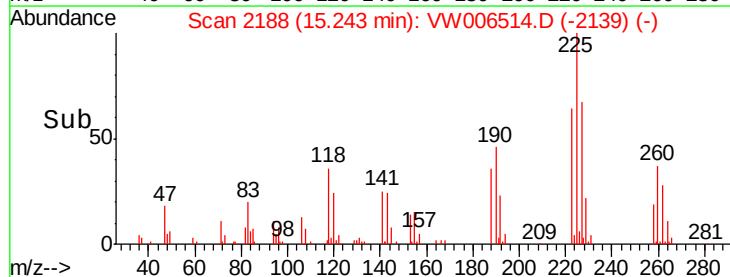
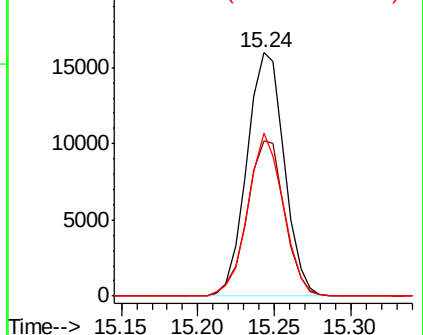


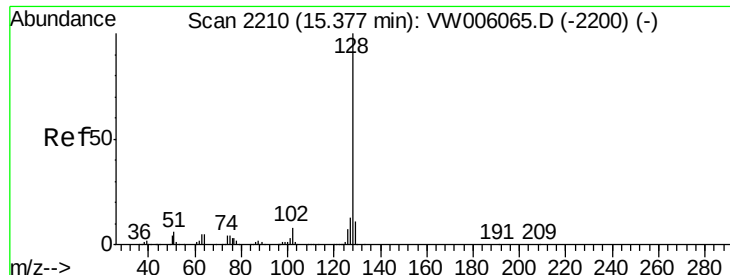
Abundance

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

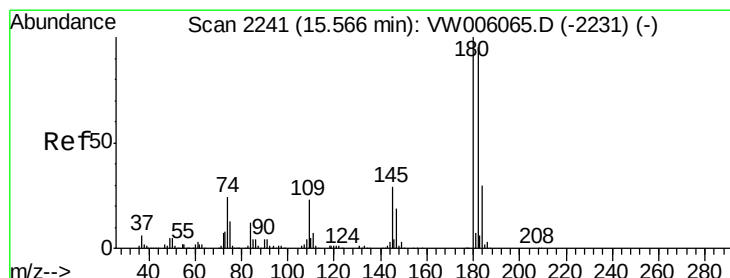
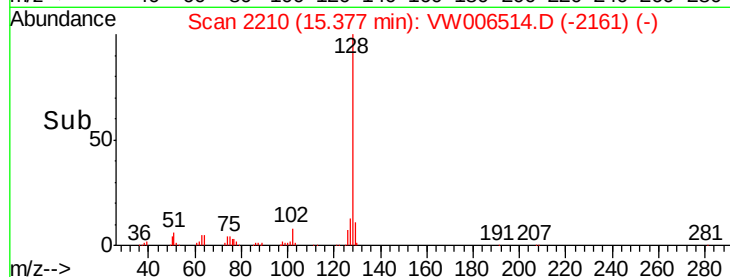
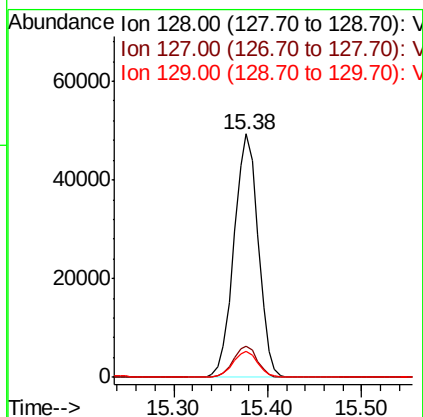
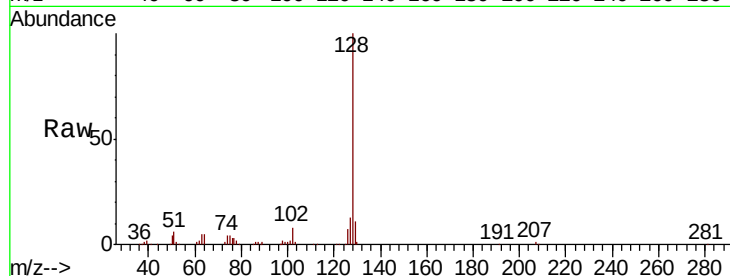




#95
Naphthalene
Concen: 60.441 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion:128 Resp: 88213
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.520 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion:180 Resp: 33026
Ion Ratio Lower Upper
180 100
182 98.4 47.8 143.3
145 30.8 15.0 45.1

