

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006974.D
 Acq On : 20 Nov 2018 14:14
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 21 02:59:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	192760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11265	9.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.42%	
35) Dibromofluoromethane	7.88	113	9886	9.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.16%	
50) Toluene-d8	10.32	98	45630	9.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.98%	
62) 4-Bromofluorobenzene	12.62	95	18561	9.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	13501	10.942	ug/l	97
3) Chloromethane	2.21	50	10715	10.420	ug/l	97
4) Vinyl Chloride	2.36	62	10186	10.068	ug/l	95
5) Bromomethane	2.78	94	5684	10.526	ug/l	93
6) Chloroethane	2.92	64	5651	10.133	ug/l	96
7) Trichlorofluoromethane	3.26	101	19835	9.970	ug/l	93
8) Diethyl Ether	3.69	74	6082	9.488	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13431	10.414	ug/l	98
10) Methyl Iodide	4.27	142	12755	8.639	ug/l	100
11) Tert butyl alcohol	5.21	59	1229	15.655	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	10956	9.686	ug/l	92
13) Acrolein	3.90	56	4497	54.978	ug/l	97
14) Allyl chloride	4.68	41	17632	9.398	ug/l	97
15) Acrylonitrile	5.39	53	11019	45.735	ug/l	97
16) Acetone	4.15	43	8447	47.552	ug/l	93
17) Carbon Disulfide	4.39	76	34059	9.313	ug/l	97
18) Methyl Acetate	4.69	43	5432	8.587	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	28192	9.545	ug/l	99
20) Methylene Chloride	4.92	84	19454	11.081	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	12889	9.781	ug/l	91
22) Diisopropyl ether	6.32	45	34674	9.495	ug/l	97
23) Vinyl Acetate	6.26	43	92214	47.551	ug/l	99
24) 1,1-Dichloroethane	6.22	63	21010	9.457	ug/l	94
25) 2-Butanone	7.18	43	14560	47.856	ug/l	98
26) 2,2-Dichloropropane	7.17	77	20124	10.073	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	13754	9.802	ug/l	99
28) Bromochloromethane	7.51	49	7805	9.400	ug/l	98
29) Tetrahydrofuran	7.54	42	9187	46.624	ug/l	98
30) Chloroform	7.68	83	23275	9.862	ug/l	97
31) Cyclohexane	7.95	56	24896	10.565	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	21619	10.170	ug/l	99
36) 1,1-Dichloropropene	8.09	75	18850	10.007	ug/l	99
37) Ethyl Acetate	7.26	43	7127	10.441	ug/l	98
38) Carbon Tetrachloride	8.07	117	18868	10.460	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	23803	10.098	ug/l	98
40) Benzene	8.32	78	50408	9.914	ug/l	99
41) Methacrylonitrile	7.48	41	4106	9.686	ug/l	96
42) 1,2-Dichloroethane	8.40	62	14982	10.149	ug/l	100
43) Isopropyl Acetate	8.43	43	12082	9.288	ug/l	99
44) Trichloroethene	9.10	130	14292	10.027	ug/l	91
45) 1,2-Dichloropropane	9.37	63	12477	9.954	ug/l	98
46) Dibromomethane	9.46	93	6203	9.882	ug/l	98
47) Bromodichloromethane	9.65	83	16443	9.943	ug/l	99
48) Methyl methacrylate	9.44	41	5726	9.129	ug/l	97
49) 1,4-Dioxane	9.48	88	1859	199.264	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	32459	49.378	ug/l	98
52) Toluene	10.39	92	34173	9.876	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	15071	9.407	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	18138	9.371	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	8941	9.682	ug/l	96
56) Ethyl methacrylate	10.65	69	9962	9.293	ug/l	100
57) 1,3-Dichloropropane	10.93	76	15648	10.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	27819	49.663	ug/l	98
59) 2-Hexanone	10.97	43	21689	48.181	ug/l	99
60) Dibromochloromethane	11.13	129	9735	9.251	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8148	9.645	ug/l	99
64) Tetrachloroethene	10.86	164	11386	9.662	ug/l	96
65) Chlorobenzene	11.66	112	38235	10.001	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	10725	9.273	ug/l	94
67) Ethyl Benzene	11.73	91	70620	10.055	ug/l	100
68) m/p-Xylenes	11.84	106	55350	20.087	ug/l	98
69) o-Xylene	12.17	106	25548	9.833	ug/l	96
70) Styrene	12.18	104	41108	9.941	ug/l	99
71) Bromoform	12.35	173	4936	9.060	ug/l #	98
73) Isopropylbenzene	12.47	105	71657	9.875	ug/l	100
74) N-amyl acetate	12.27	43	11079	9.110	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	9124	9.448	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	12303	10.181	ug/l #	100
77) Bromobenzene	12.75	156	15413	9.890	ug/l	95
78) n-propylbenzene	12.80	91	87387	9.942	ug/l	98
79) 2-Chlorotoluene	12.90	91	50213	9.908	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	60813	9.692	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2748	9.404	ug/l	99
82) 4-Chlorotoluene	12.99	91	52920	9.951	ug/l	100
83) tert-Butylbenzene	13.21	119	54187	9.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	60936	9.747	ug/l	98
85) sec-Butylbenzene	13.39	105	76536	9.972	ug/l	98
86) p-Isopropyltoluene	13.51	119	66540	9.827	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	31944	10.040	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	31852	10.041	ug/l	98
89) n-Butylbenzene	13.83	91	62884	9.869	ug/l	99
90) Hexachloroethane	14.10	117	9096	9.202	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	27531	9.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1631	10.000	ug/l	88

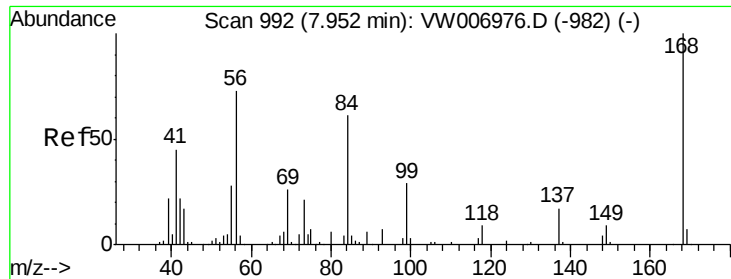
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	17443	9.488	ug/l	99
94) Hexachlorobutadiene	15.24	225	10223	10.229	ug/l	97
95) Naphthalene	15.38	128	30701	9.200	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	14089	9.238	ug/l	98

(#) = 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: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

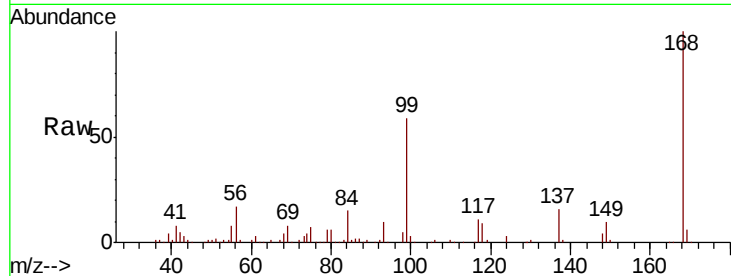
VSTDIC010

Tgt Ion:168 Resp: 124972

Ion Ratio Lower Upper

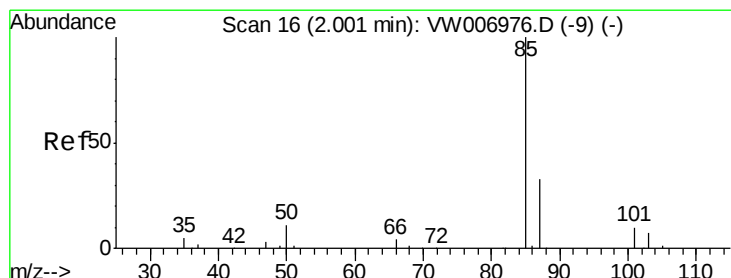
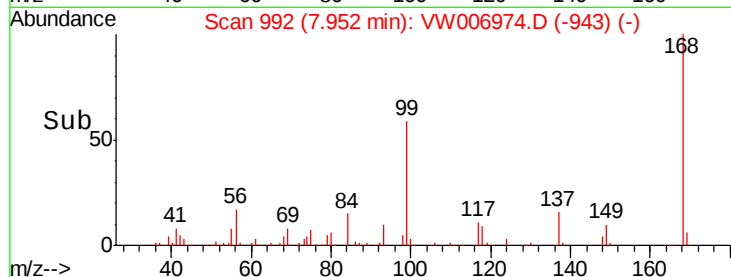
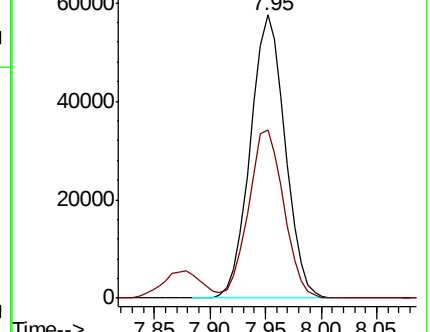
168 100

99 59.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 10.942 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006974.D

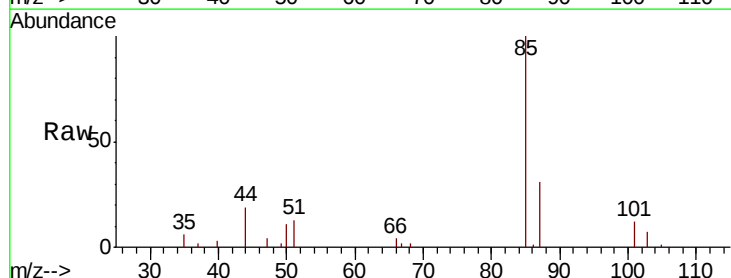
Acq: 20 Nov 2018 14:14

Tgt Ion: 85 Resp: 13501

Ion Ratio Lower Upper

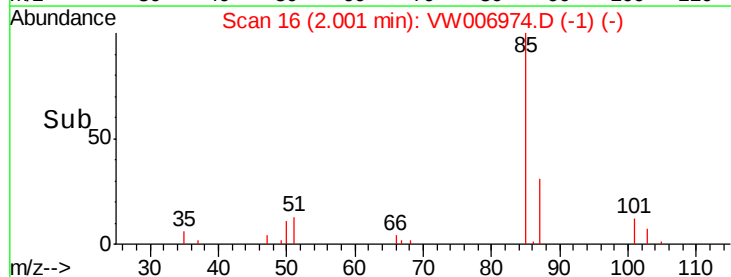
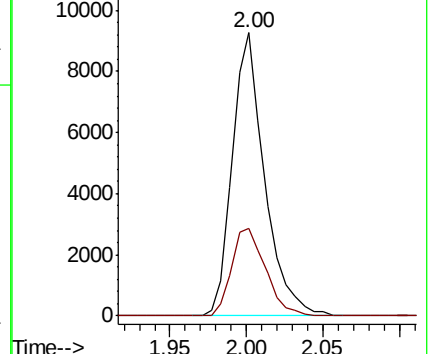
85 100

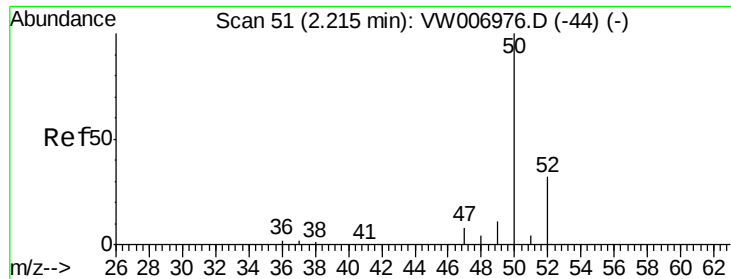
87 31.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.420 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

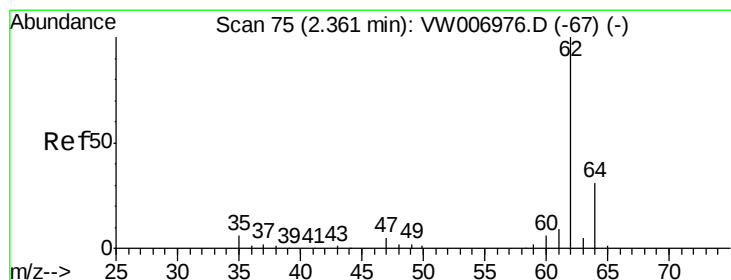
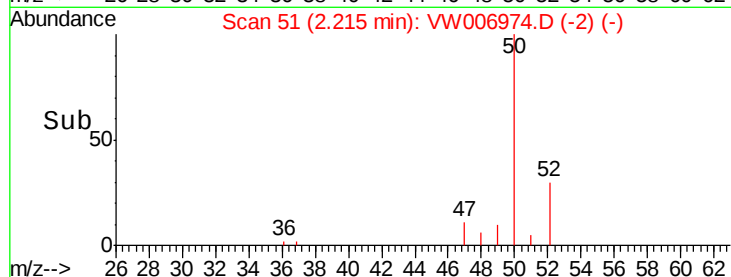
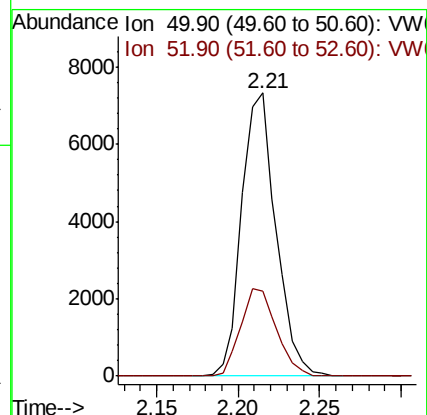
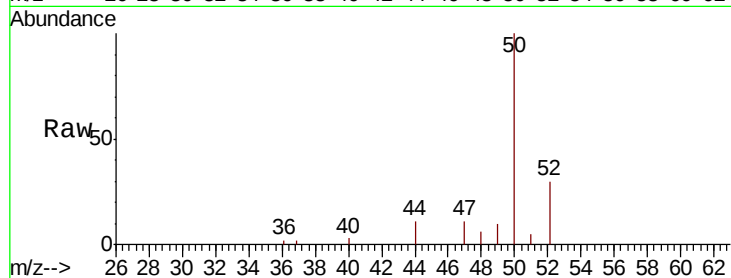
VSTDIC010

Tgt Ion: 50 Resp: 10715

Ion Ratio Lower Upper

50 100

52 30.2 25.7 38.5



#4

Vinyl Chloride

Concen: 10.068 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006974.D

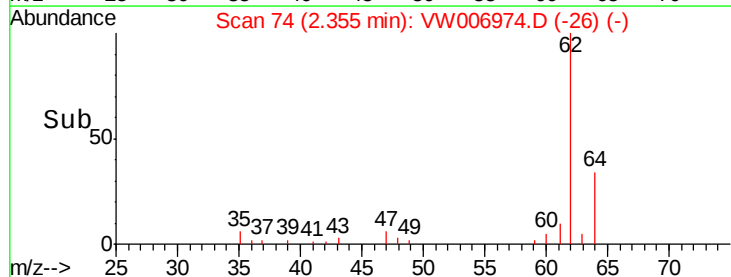
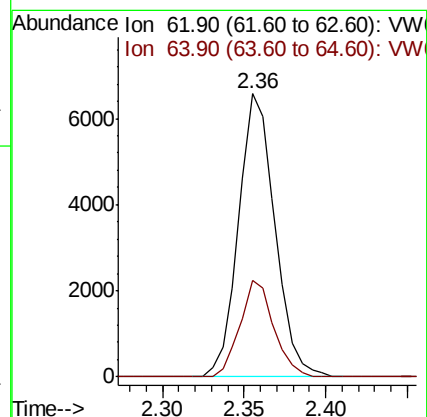
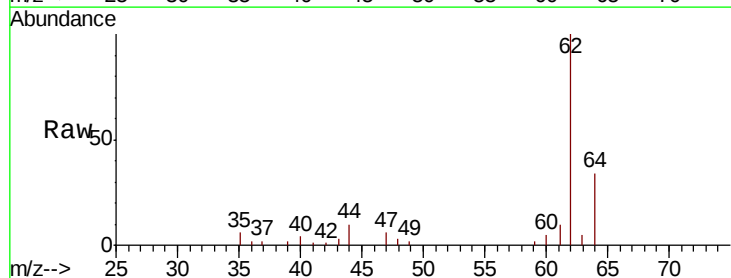
Acq: 20 Nov 2018 14:14

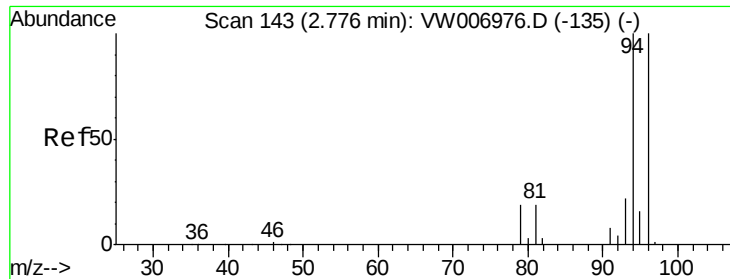
Tgt Ion: 62 Resp: 10186

Ion Ratio Lower Upper

62 100

64 34.3 25.2 37.8





#5

Bromomethane

Concen: 10.526 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

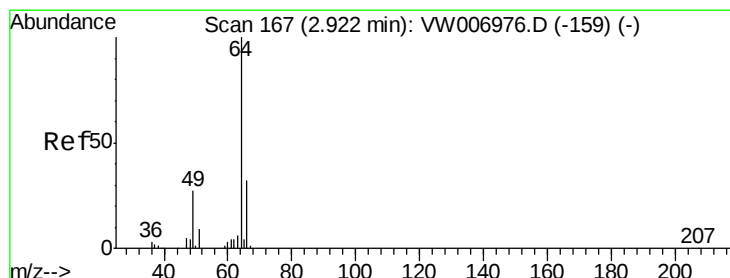
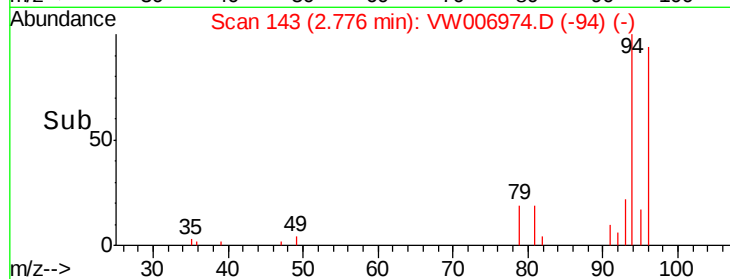
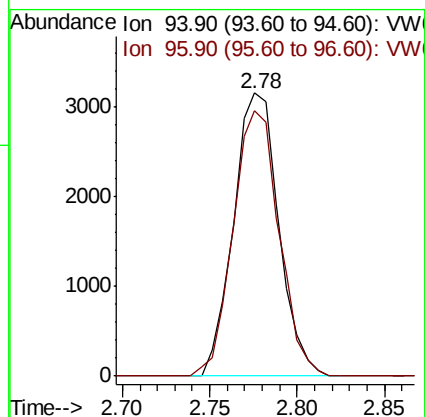
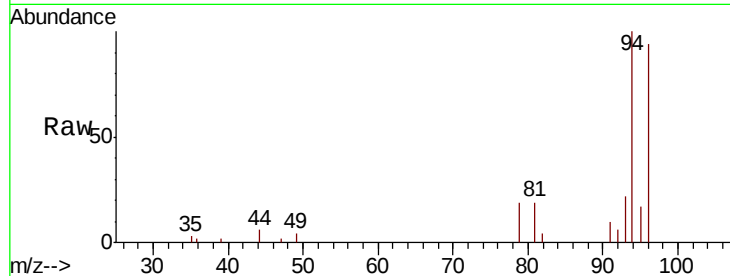
VSTDIC010

Tgt Ion: 94 Resp: 5684

Ion Ratio Lower Upper

94 100

96 93.6 80.2 120.2



#6

Chloroethane

Concen: 10.133 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006974.D

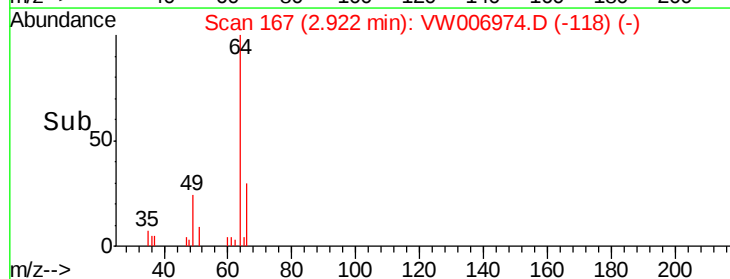
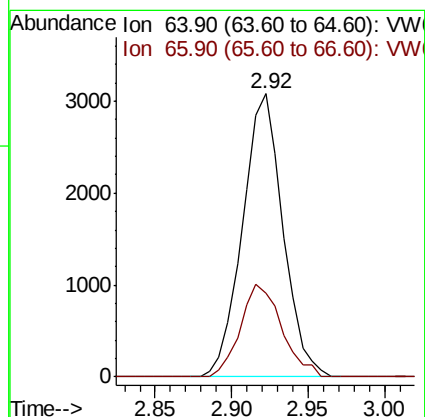
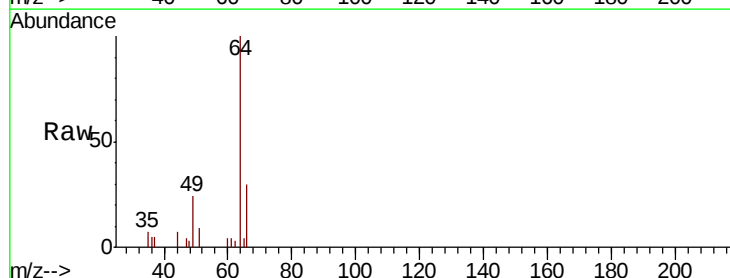
Acq: 20 Nov 2018 14:14

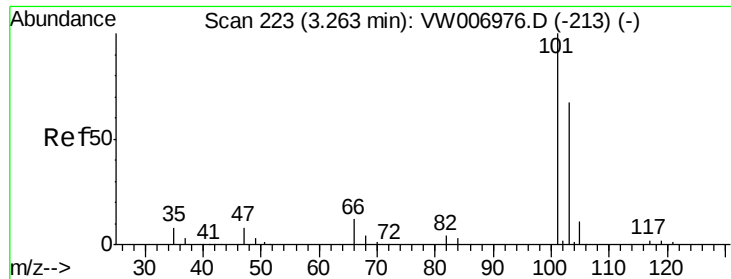
Tgt Ion: 64 Resp: 5651

Ion Ratio Lower Upper

64 100

66 29.6 25.3 37.9



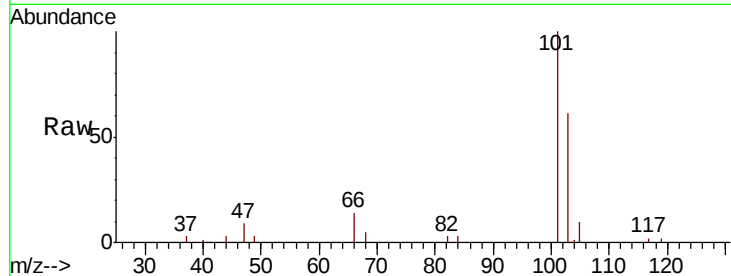


#7

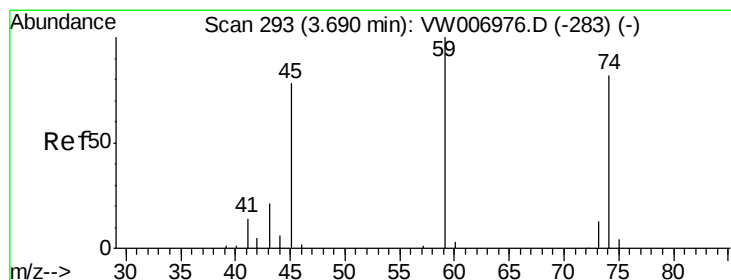
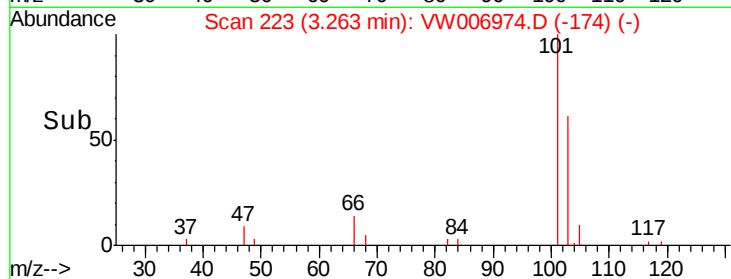
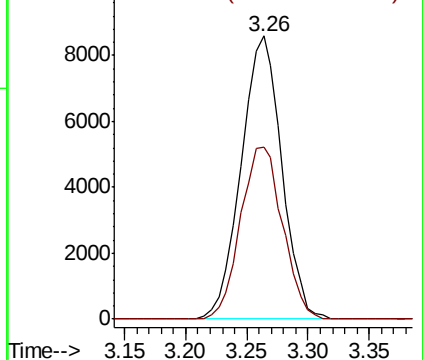
Trichlorofluoromethane
 Concen: 9.970 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Instrument :
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Tgt Ion: 101 Resp: 19835
 Ion Ratio Lower Upper
 101 100
 103 61.0 53.4 80.2



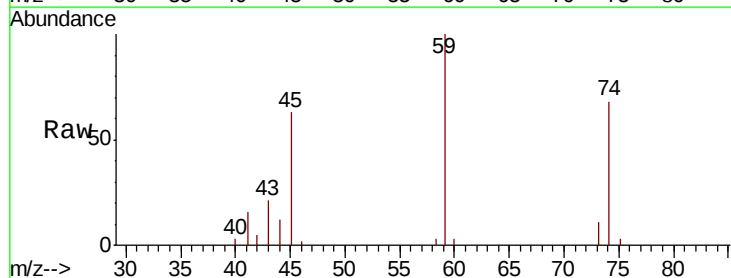
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



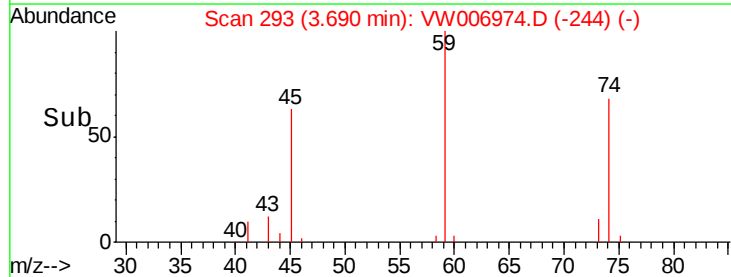
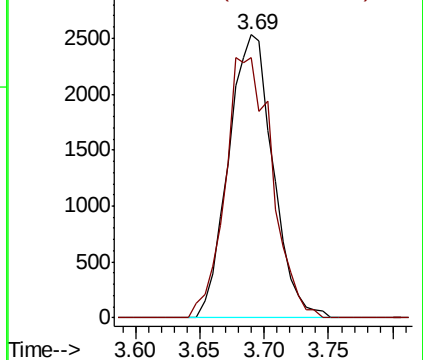
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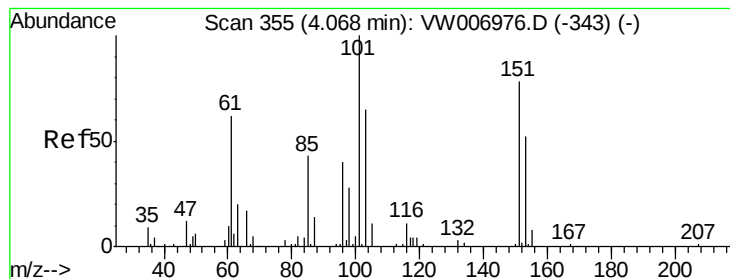
Diethyl Ether
 Concen: 9.488 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion: 74 Resp: 6082
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.414 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

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VSTDIC010

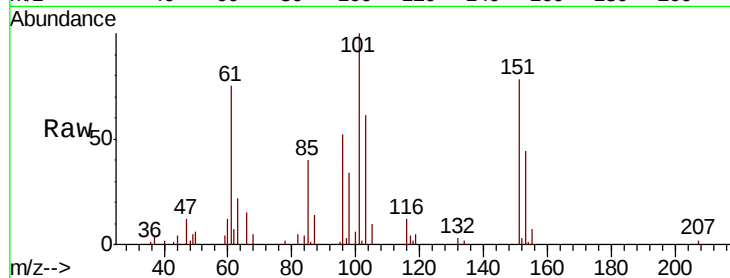
Tgt Ion:101 Resp: 13431

Ion Ratio Lower Upper

101 100

85 40.6 34.3 51.5

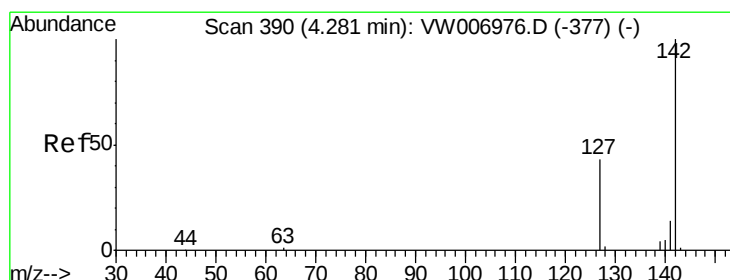
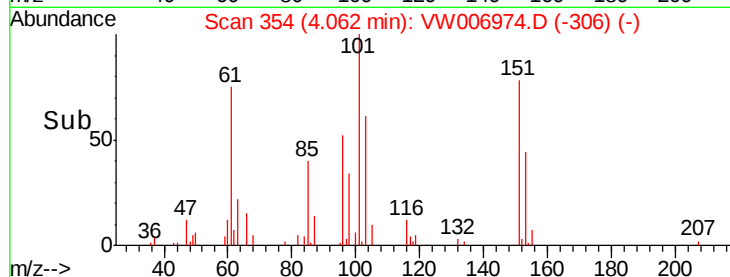
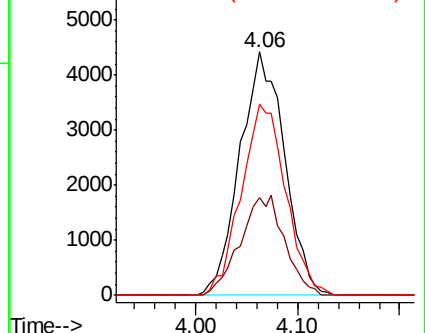
151 78.3 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.639 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

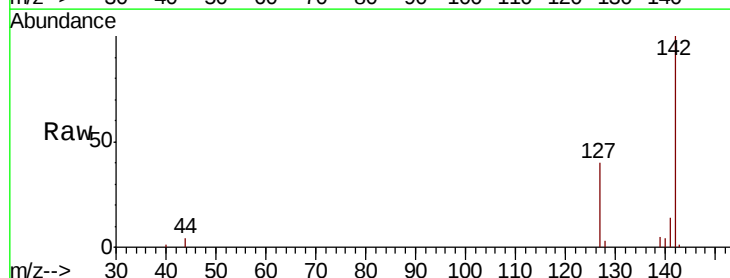
Tgt Ion:142 Resp: 12755

Ion Ratio Lower Upper

142 100

127 44.1 35.3 52.9

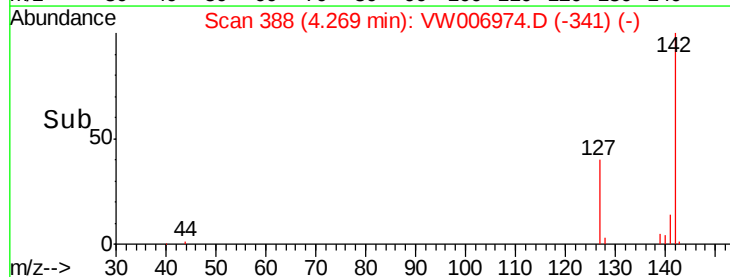
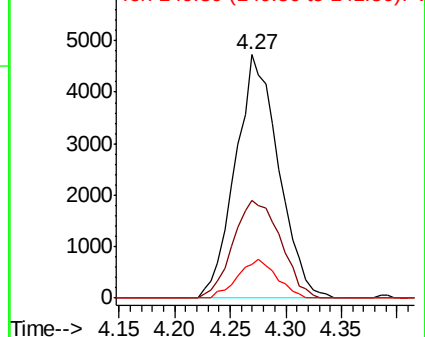
141 14.2 11.7 17.5

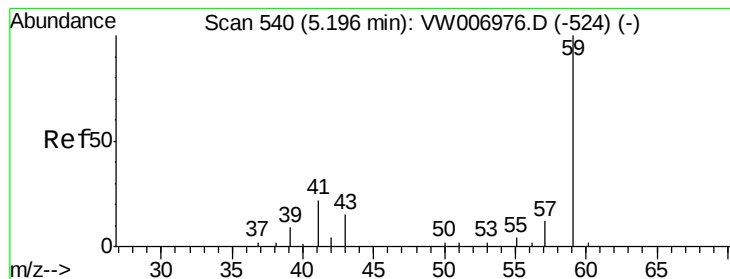


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



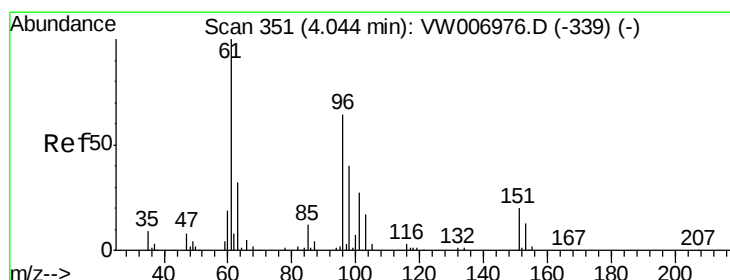
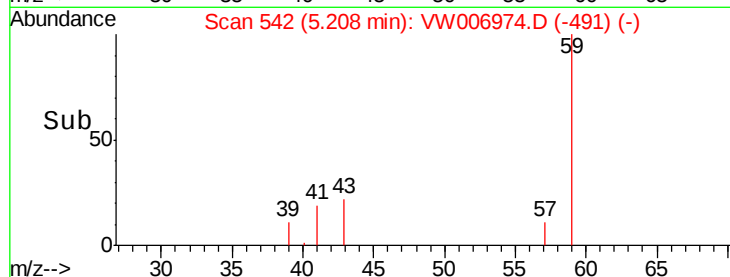
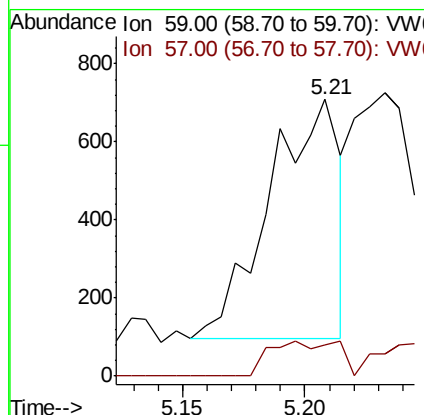
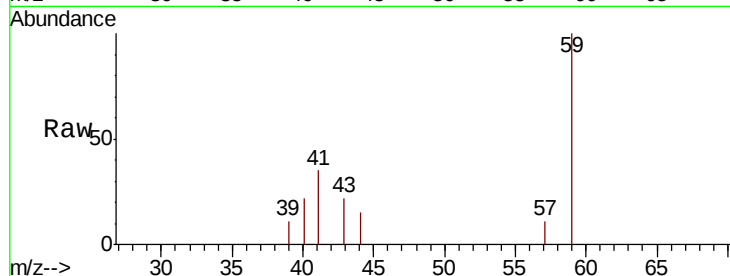


#11

Tert butyl alcohol
Concen: 15.655 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

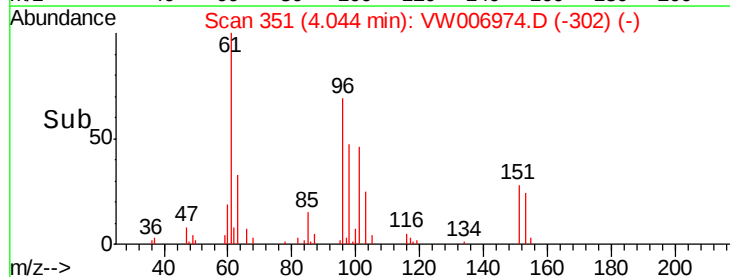
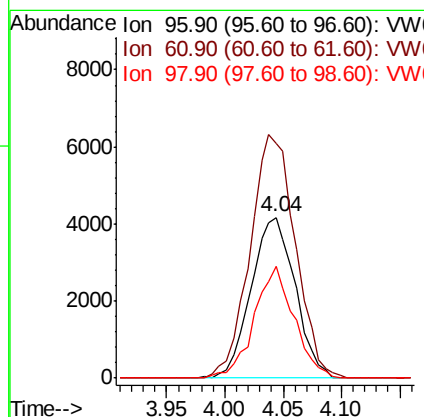
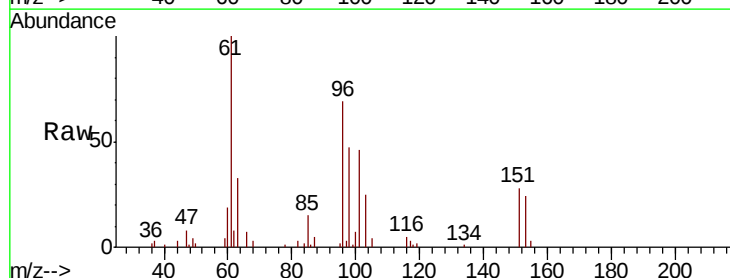
Tgt Ion: 59 Resp: 1229
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

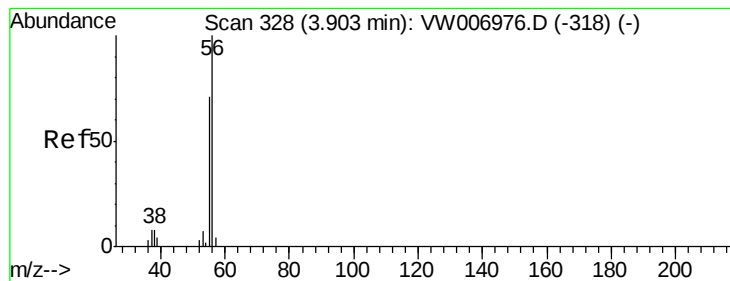


#12

1,1-Dichloroethene
Concen: 9.686 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 96 Resp: 10956
Ion Ratio Lower Upper
96 100
61 145.7 124.3 186.5
98 69.2 49.4 74.2





#13

Acrolein

Concen: 54.978 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

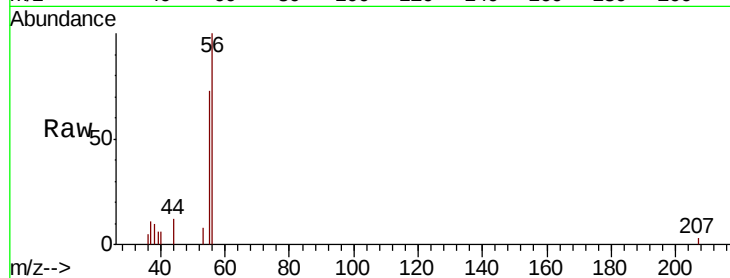
VSTDIC010

Tgt Ion: 56 Resp: 4497

Ion Ratio Lower Upper

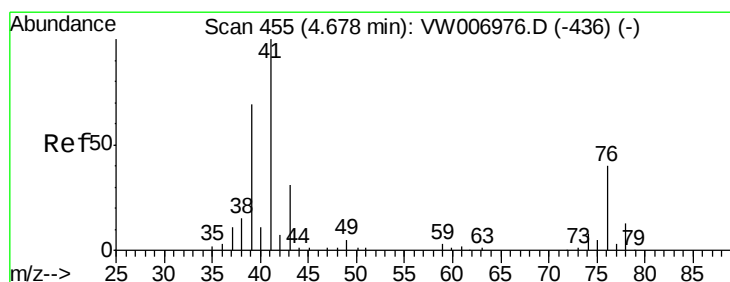
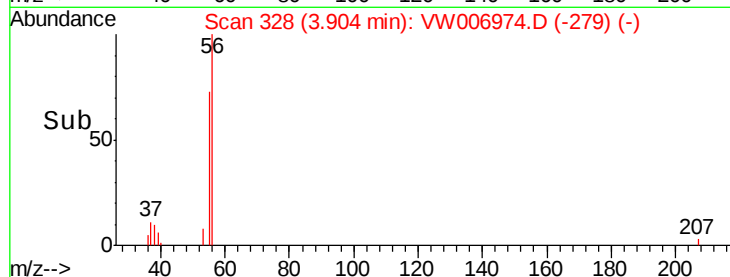
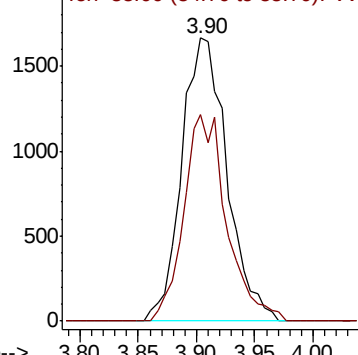
56 100

55 69.2 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 9.398 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

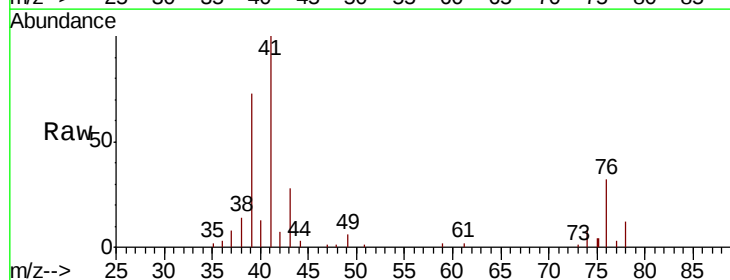
Tgt Ion: 41 Resp: 17632

Ion Ratio Lower Upper

41 100

39 71.1 55.4 83.2

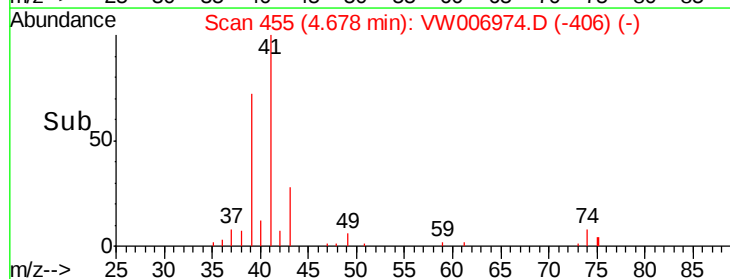
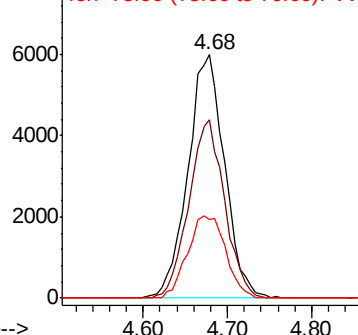
76 35.2 29.6 44.4

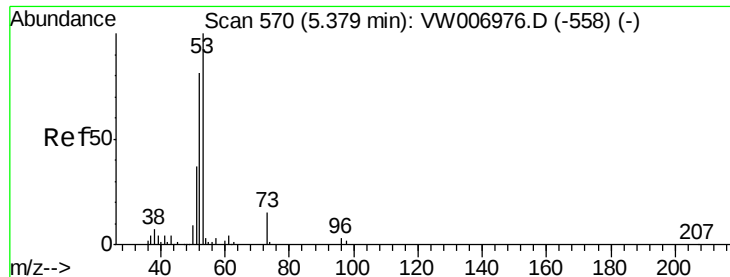


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

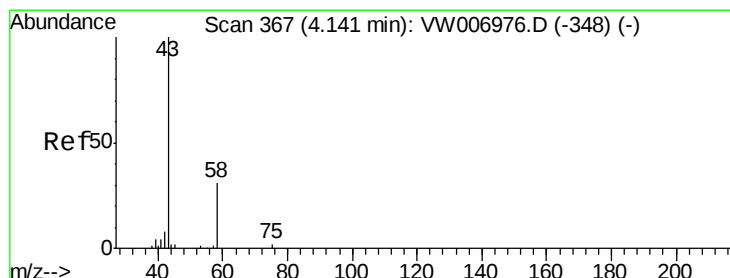
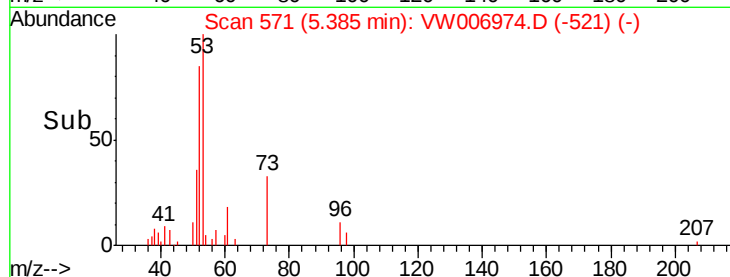
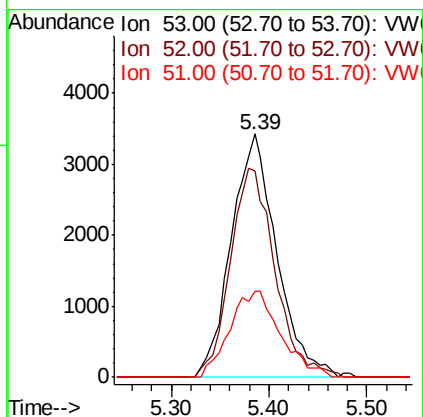
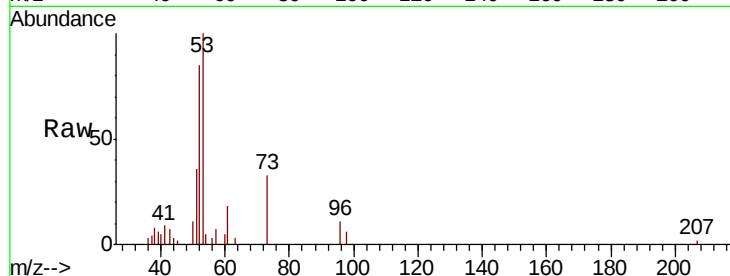




#15
 Acrylonitrile
 Concen: 45.735 ug/l
 RT: 5.39 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

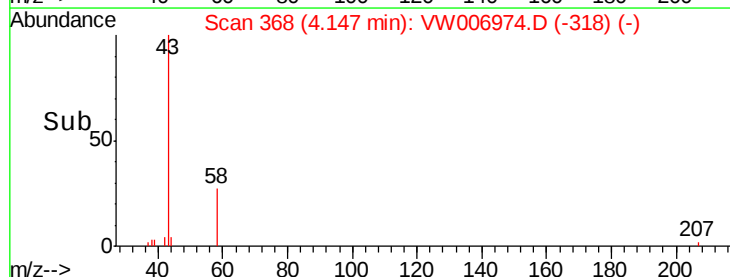
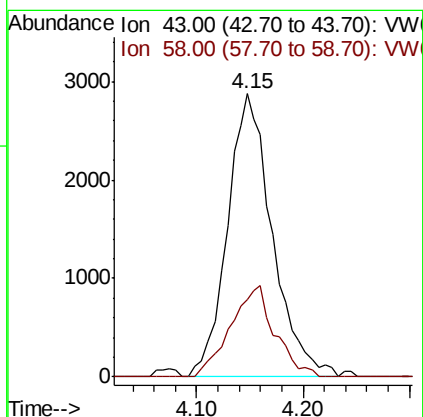
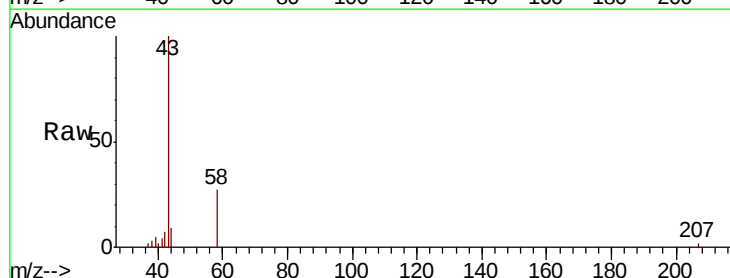
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

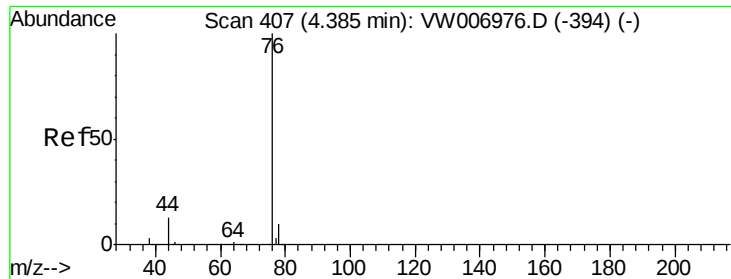
Tgt Ion: 53 Resp: 11019
 Ion Ratio Lower Upper
 53 100
 52 84.4 65.7 98.5
 51 39.8 29.9 44.9



#16
 Acetone
 Concen: 47.552 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion: 43 Resp: 8447
 Ion Ratio Lower Upper
 43 100
 58 27.3 24.8 37.2

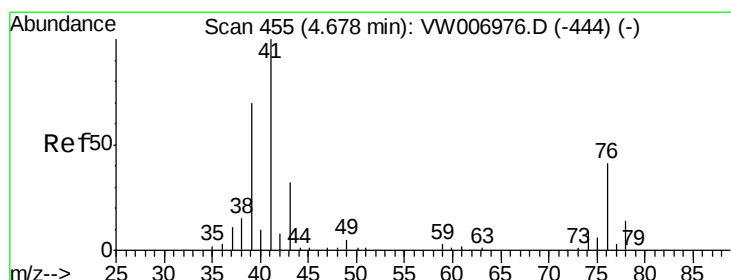
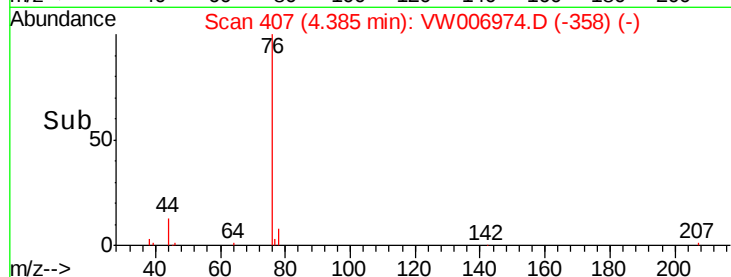
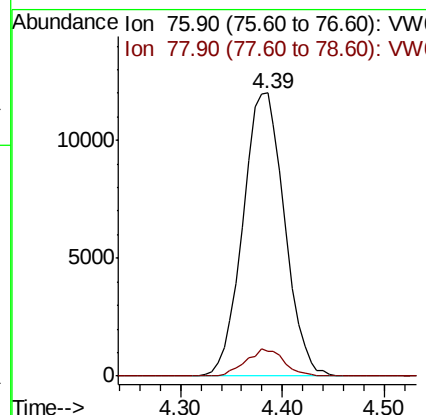
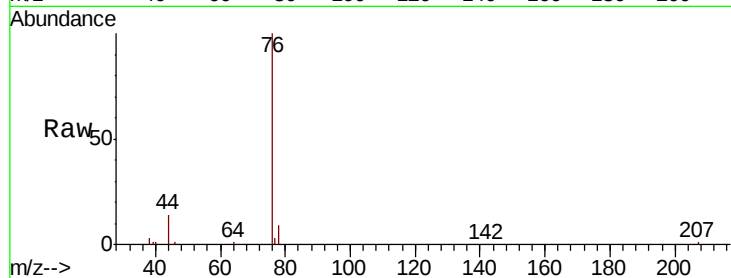




#17
Carbon Disulfide
Concen: 9.313 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

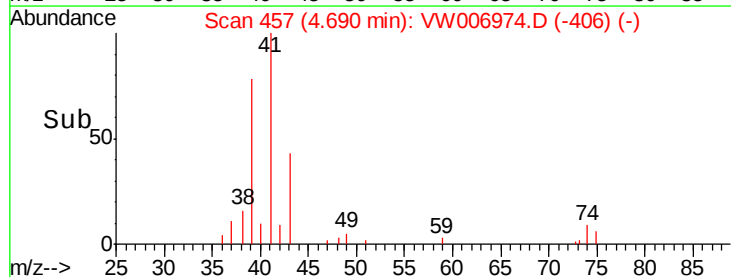
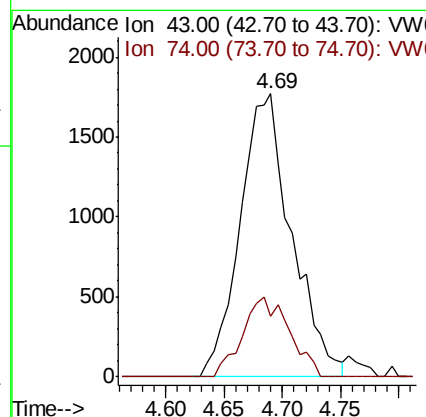
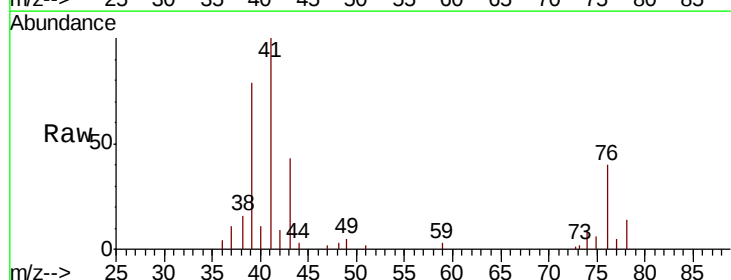
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 34059
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6



#18
Methyl Acetate
Concen: 8.587 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
74 25.6 20.1 30.1

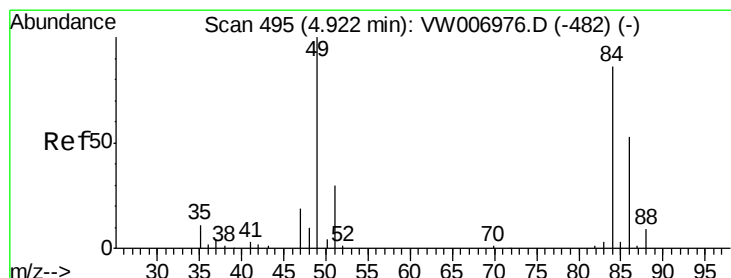
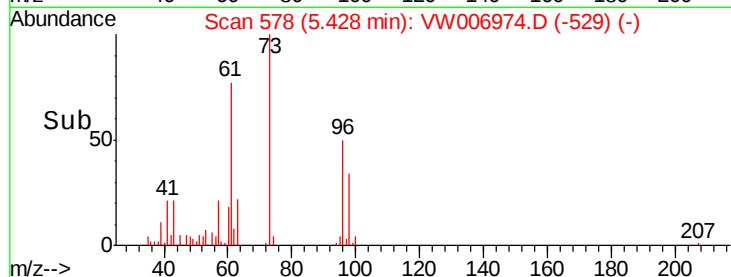
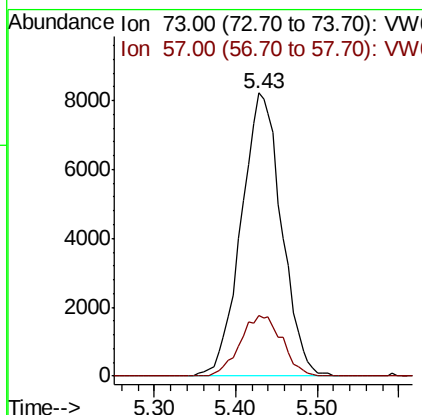
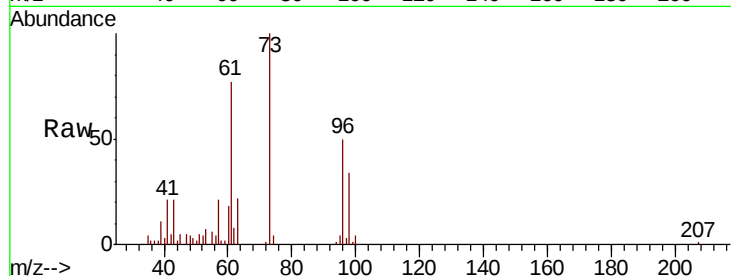




#19
Methyl tert-butyl Ether
Concen: 9.545 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

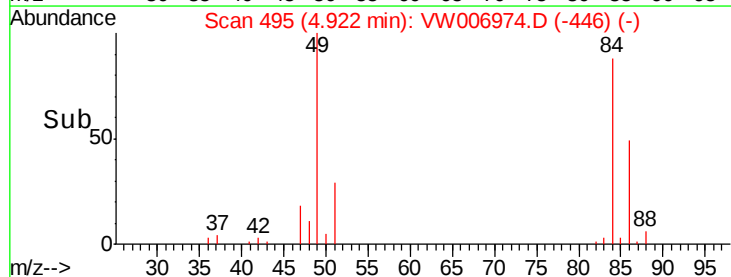
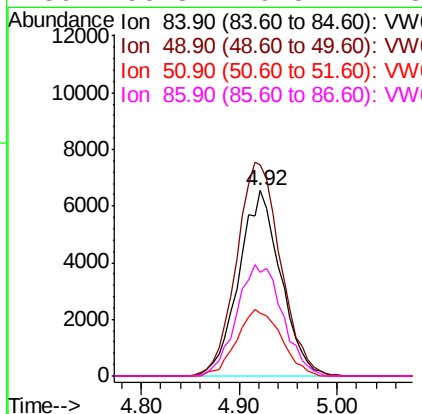
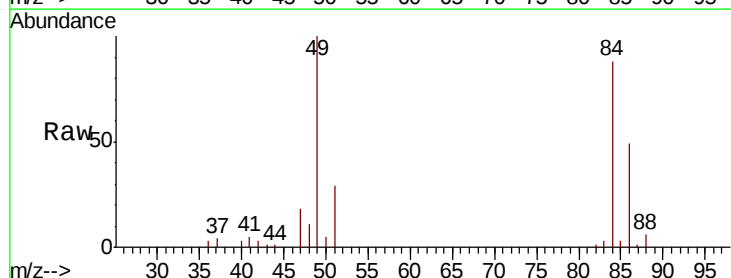
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

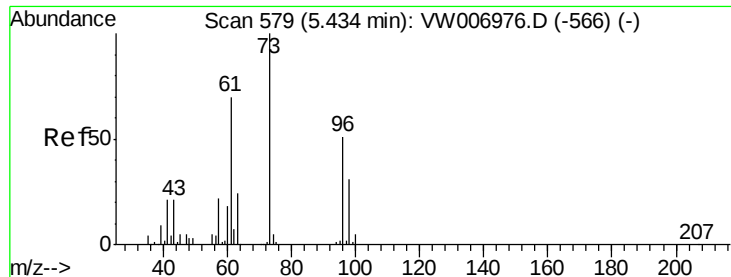
Tgt Ion: 73 Resp: 28192
Ion Ratio Lower Upper
73 100
57 21.4 16.7 25.1



#20
Methylene Chloride
Concen: 11.081 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 84 Resp: 19454
Ion Ratio Lower Upper
84 100
49 113.8 93.4 140.0
51 33.5 28.4 42.6
86 56.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 9.781 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

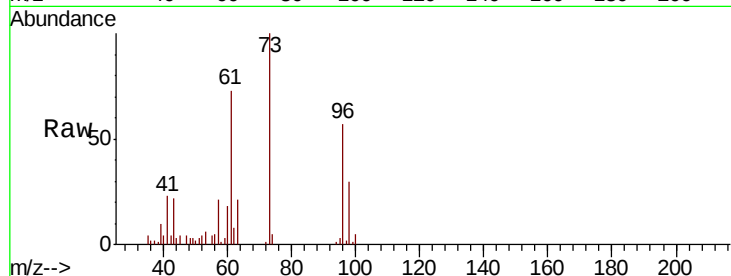
Tgt Ion: 96 Resp: 12889

Ion Ratio Lower Upper

96 100

61 127.1 109.4 164.0

98 53.1 48.3 72.5

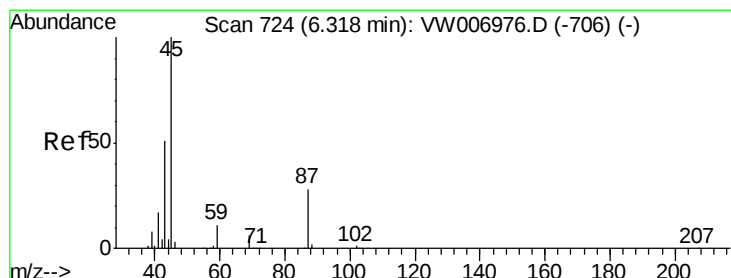
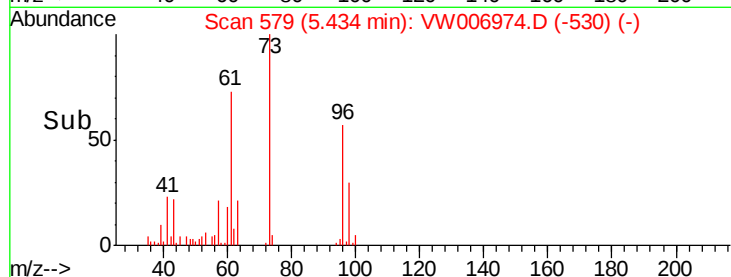
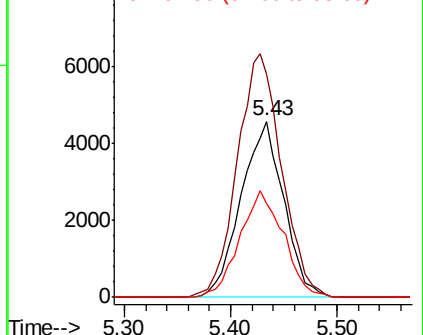


Abundance

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: 9.495 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Tgt Ion: 45 Resp: 34674

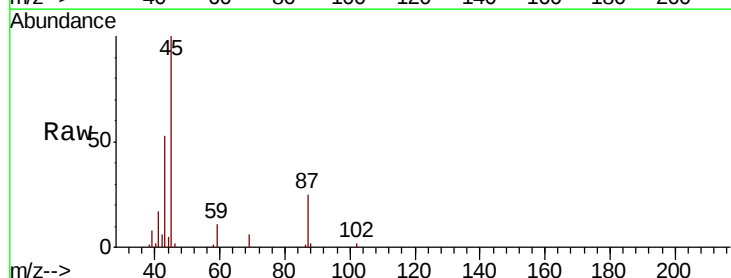
Ion Ratio Lower Upper

45 100

43 52.0 42.5 63.7

87 25.4 22.8 34.2

59 11.3 9.1 13.7



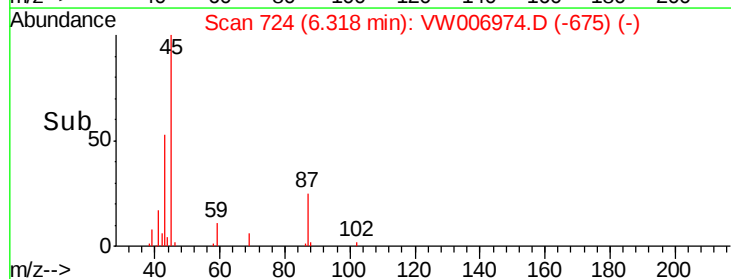
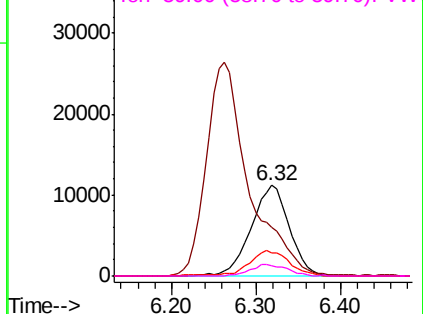
Abundance

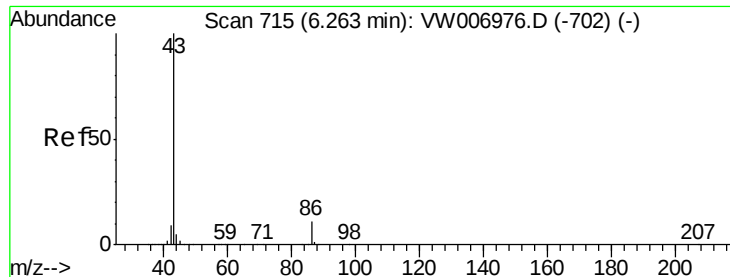
Ion 45.00 (44.70 to 45.70): VW

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: 47.551 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

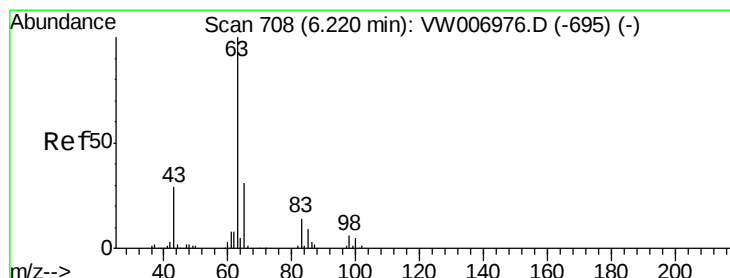
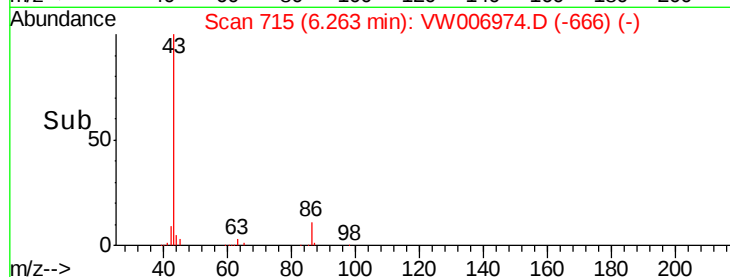
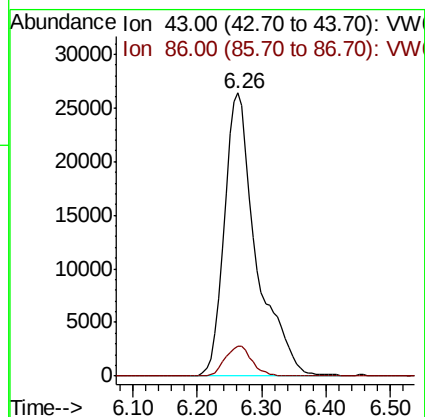
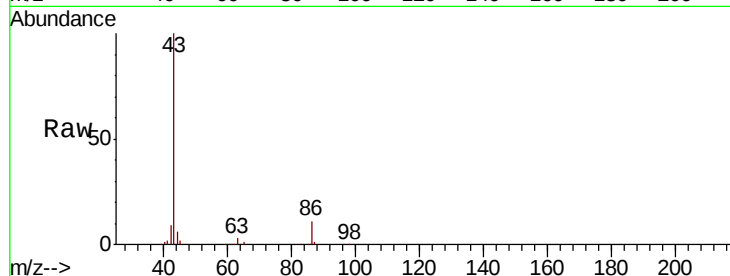
VSTDIC010

Tgt Ion: 43 Resp: 92214

Ion Ratio Lower Upper

43 100

86 10.5 8.7 13.1



#24

1,1-Dichloroethane

Concen: 9.457 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

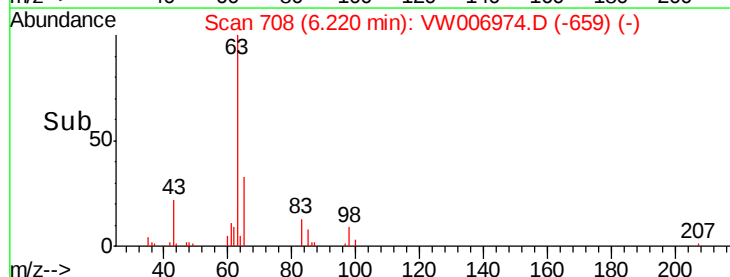
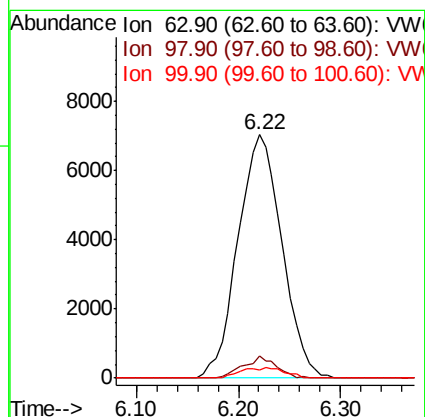
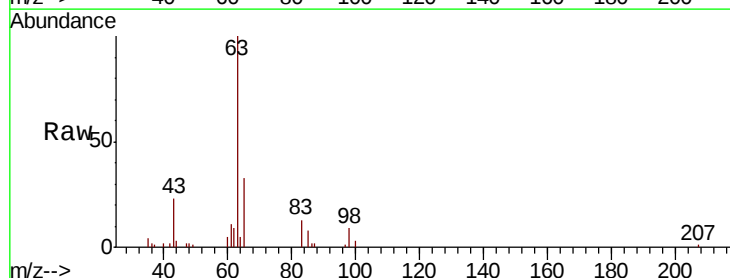
Tgt Ion: 63 Resp: 21010

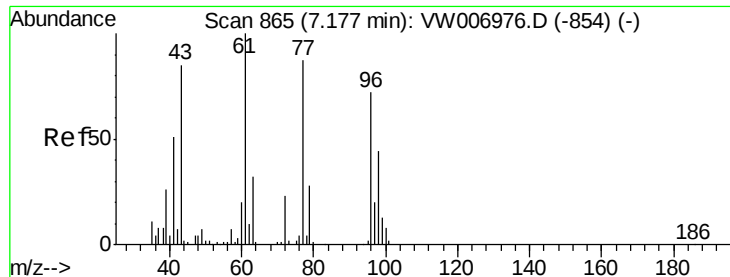
Ion Ratio Lower Upper

63 100

98 9.1 3.1 9.4

100 3.4 2.3 6.9





#25

2-Butanone

Concen: 47.856 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

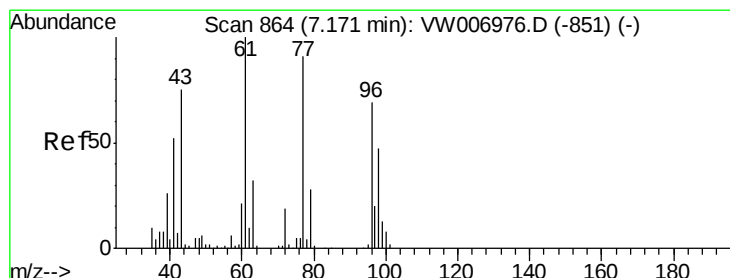
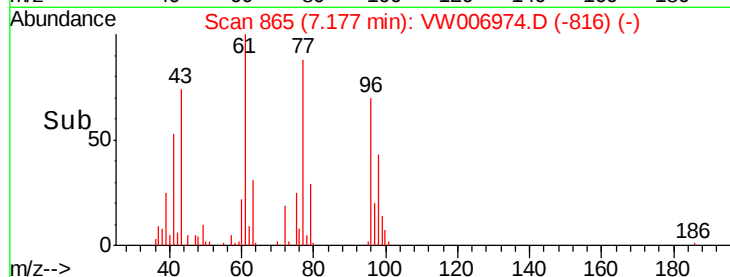
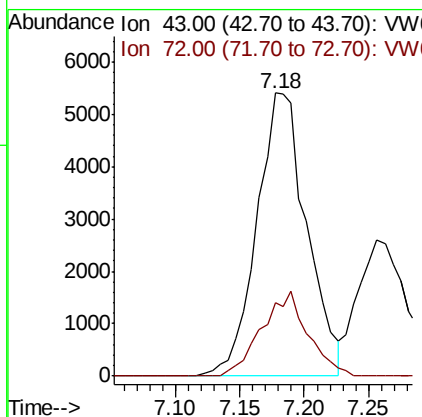
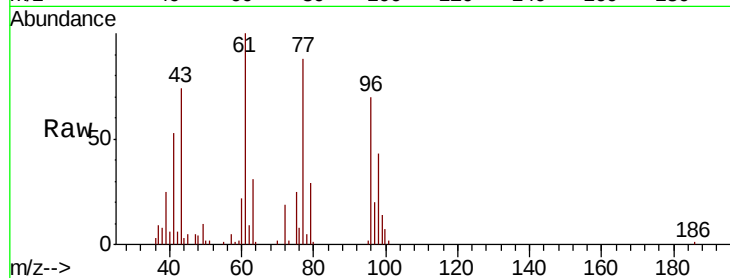
VSTDIC010

Tgt Ion: 43 Resp: 14560

Ion Ratio Lower Upper

43 100

72 25.7 21.3 31.9



#26

2,2-Dichloropropane

Concen: 10.073 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006974.D

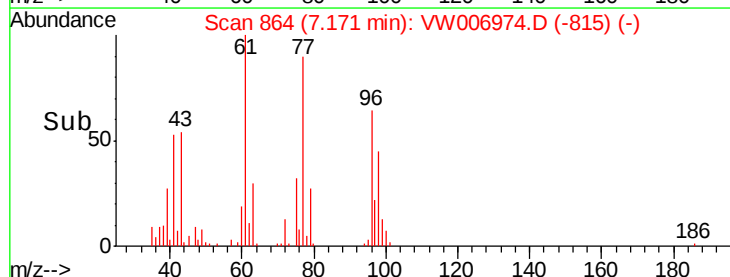
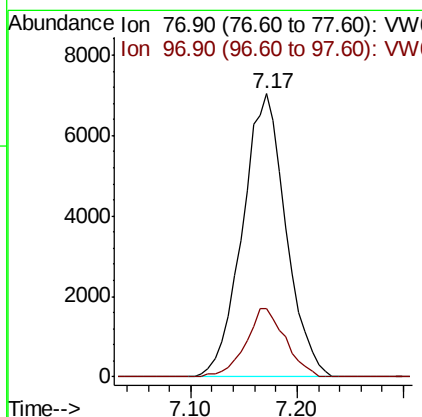
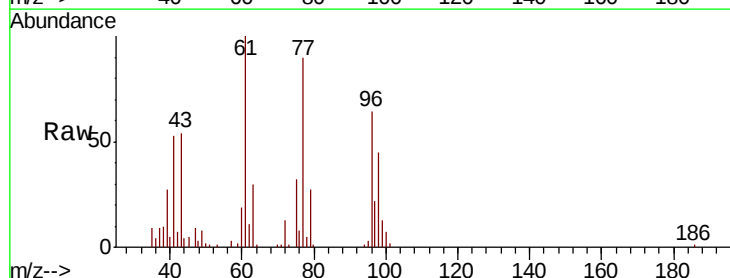
Acq: 20 Nov 2018 14:14

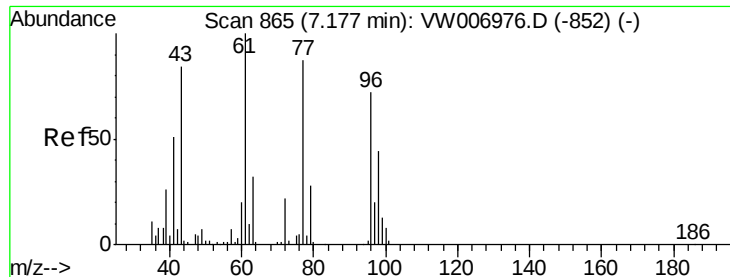
Tgt Ion: 77 Resp: 20124

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 9.802 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

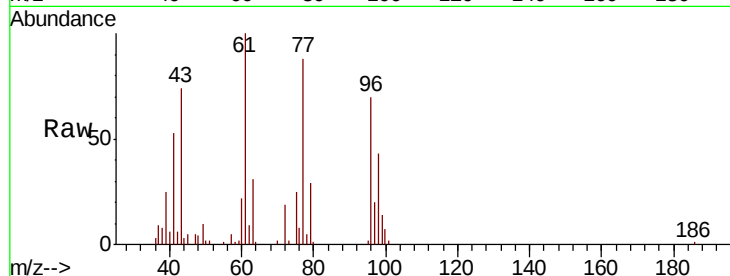
Tgt Ion: 96 Resp: 13754

Ion Ratio Lower Upper

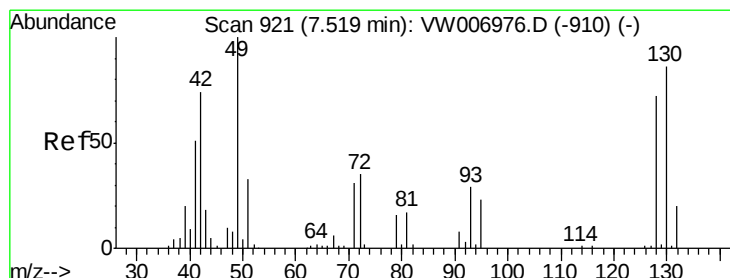
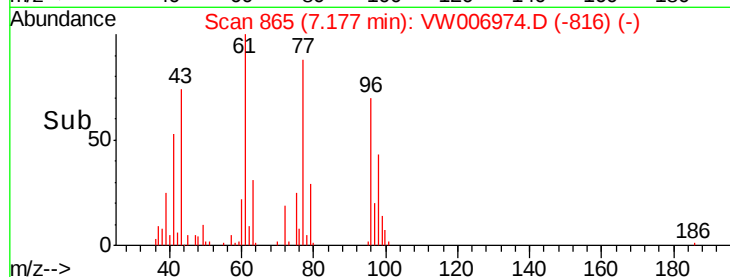
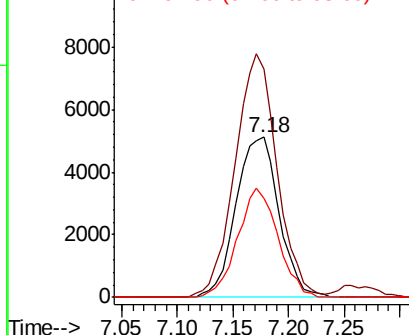
96 100

61 147.9 0.0 292.6

98 64.0 0.0 129.8



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



#28

Bromochloromethane

Concen: 9.400 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.01 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

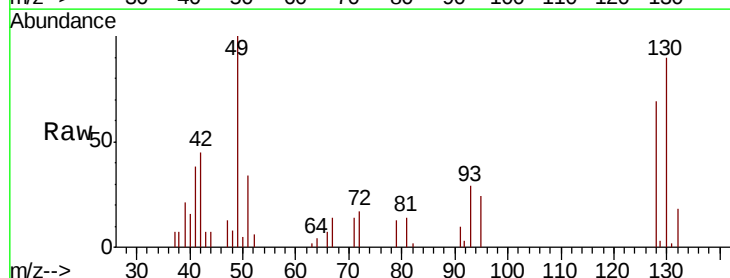
Tgt Ion: 49 Resp: 7805

Ion Ratio Lower Upper

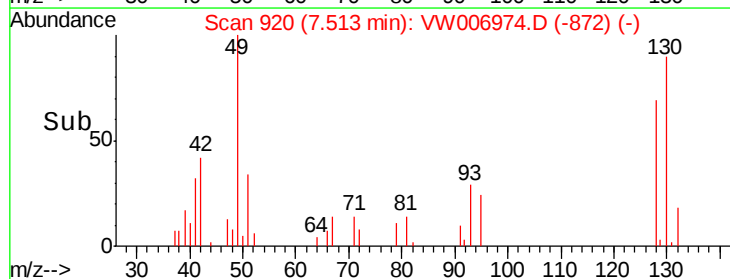
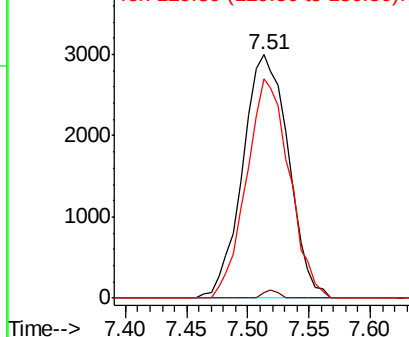
49 100

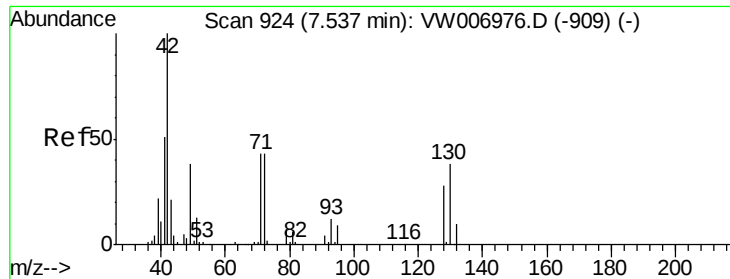
129 1.1 0.0 2.0

130 84.4 69.0 103.4



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

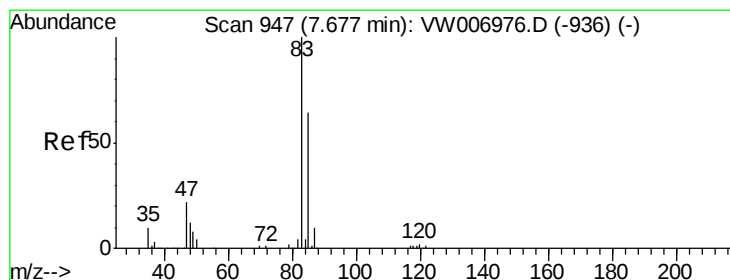
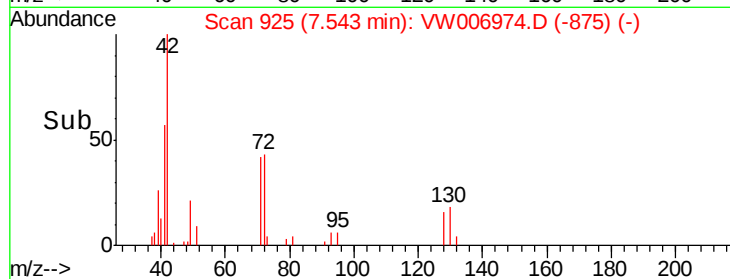
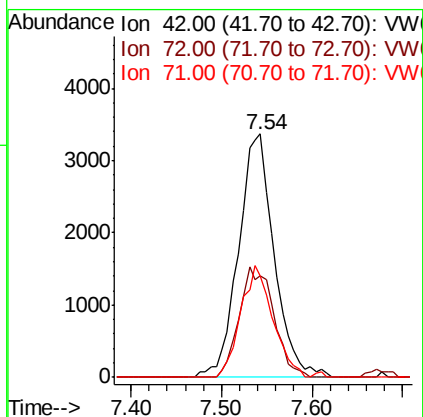
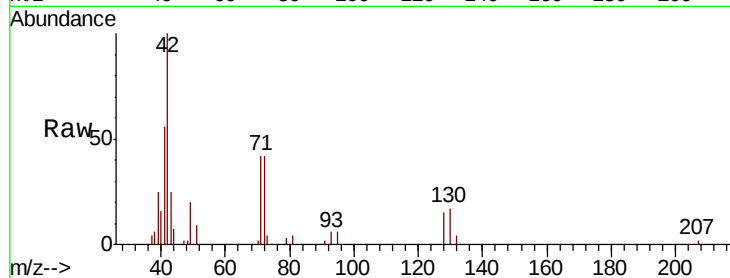




#29
Tetrahydrofuran
Concen: 46.624 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

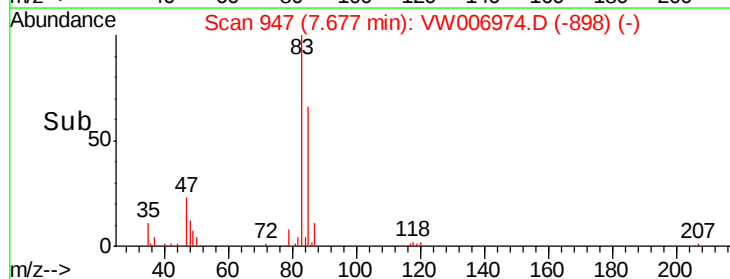
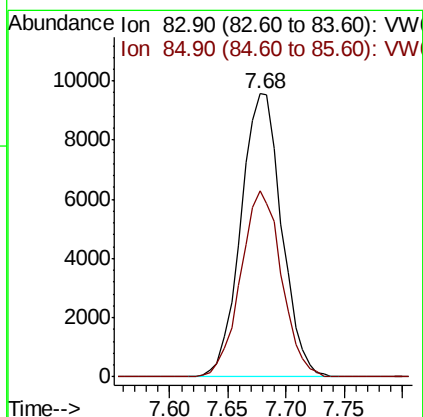
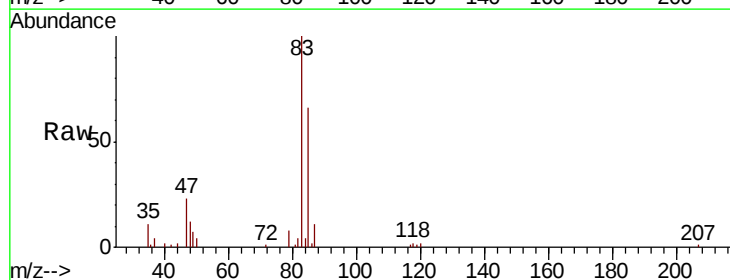
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

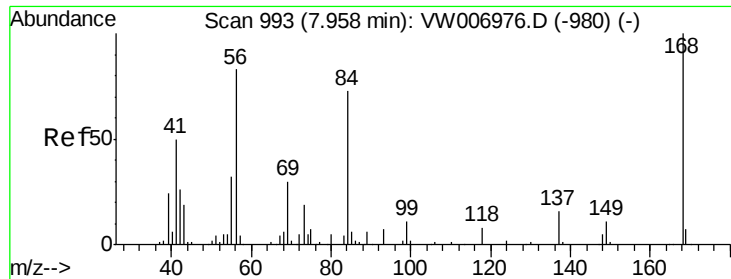
Tgt Ion: 42 Resp: 9187
Ion Ratio Lower Upper
42 100
72 43.7 36.2 54.4
71 41.3 33.8 50.8



#30
Chloroform
Concen: 9.862 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 83 Resp: 23275
Ion Ratio Lower Upper
83 100
85 65.8 50.9 76.3

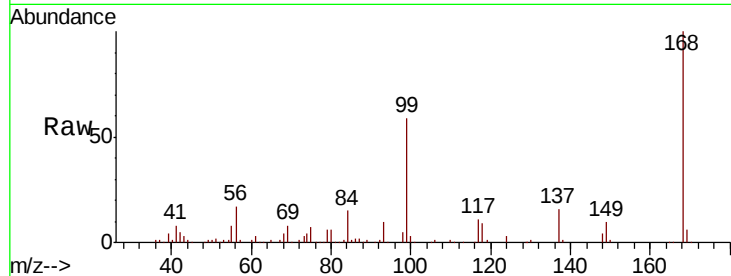




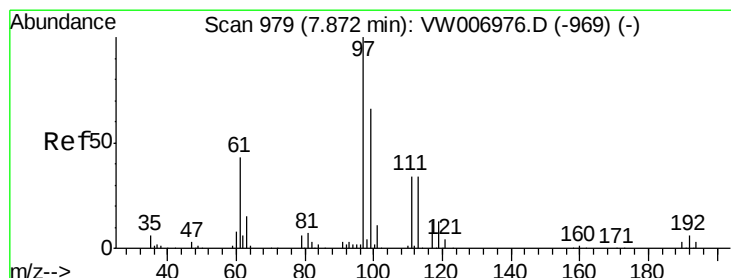
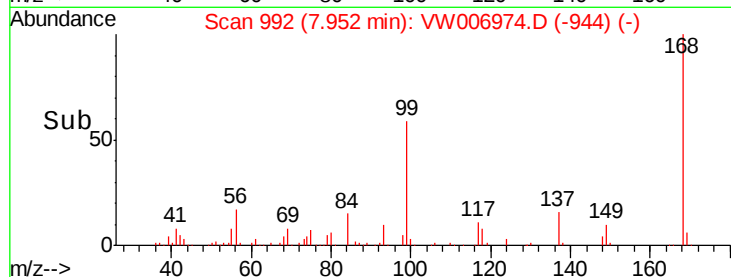
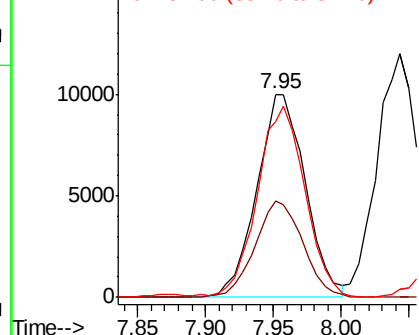
#31
Cyclohexane
Concen: 10.565 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 24896
Ion Ratio Lower Upper
56 100
69 47.9 29.1 43.7#
84 85.4 70.6 105.8

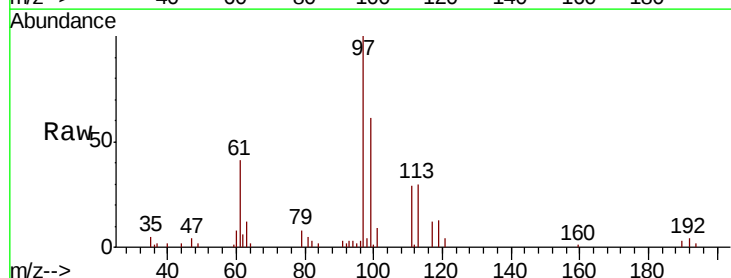


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

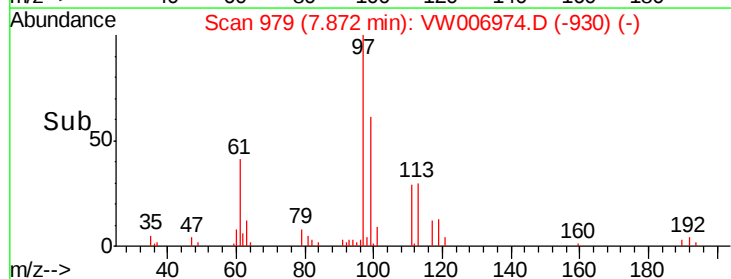
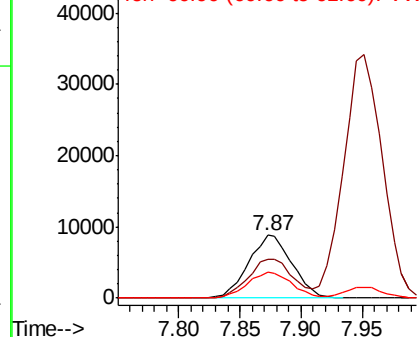


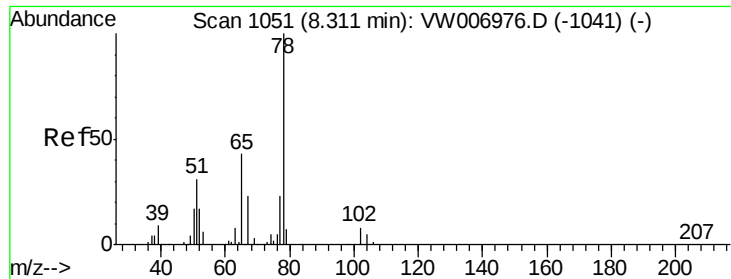
#32
1,1,1-Trichloroethane
Concen: 10.170 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 97 Resp: 21619
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 42.4 33.4 50.2



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

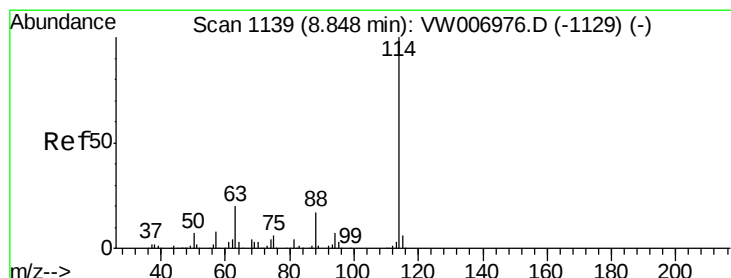
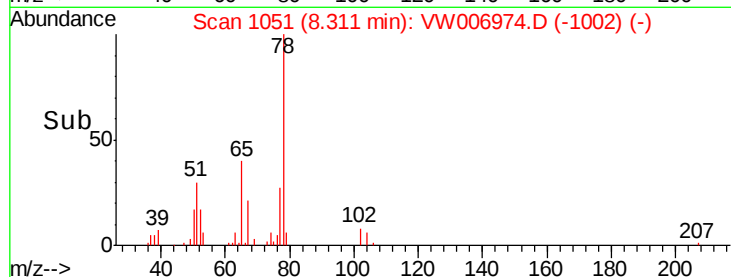
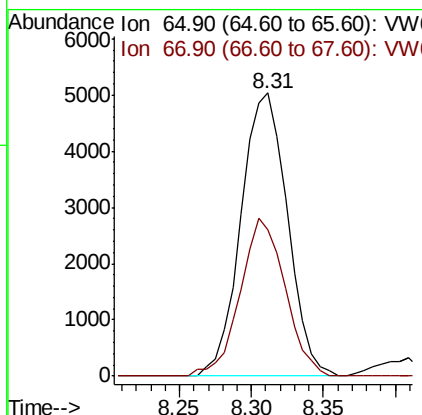
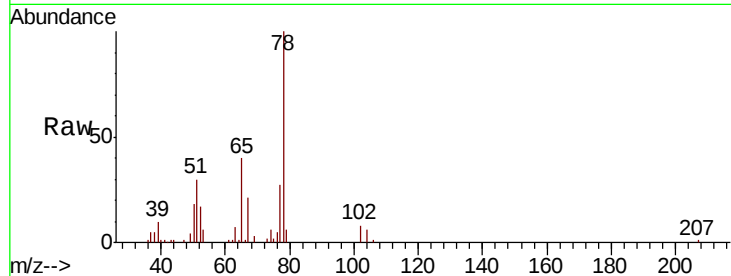




#33
 1,2-Dichloroethane-d4
 Concen: 9.207 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

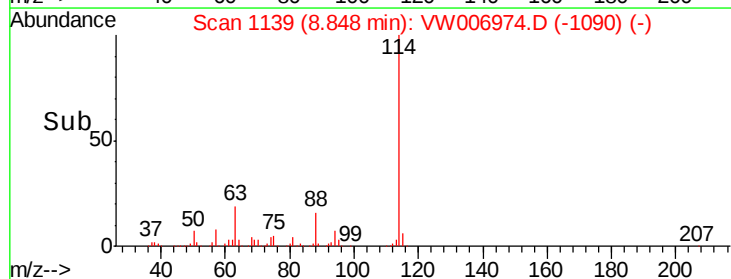
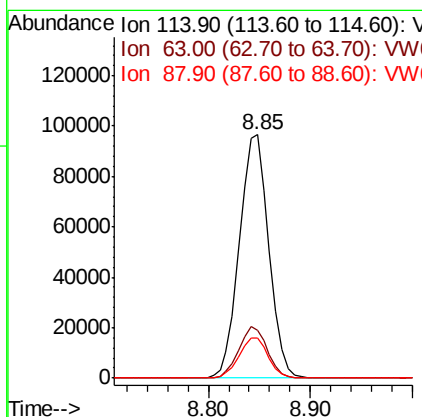
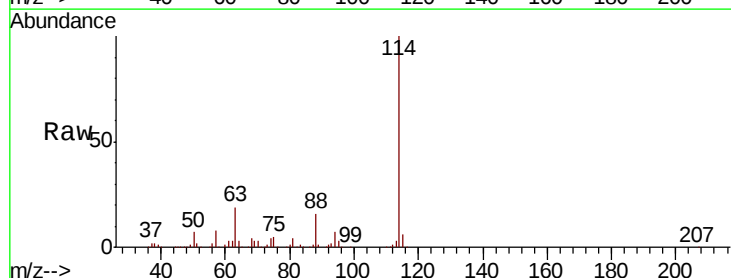
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

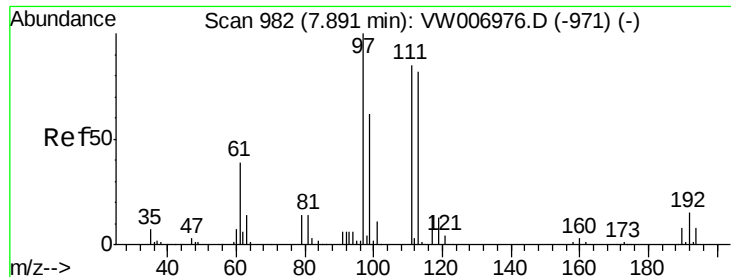
Tgt Ion: 65 Resp: 11265
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion: 114 Resp: 192760
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 9.082 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

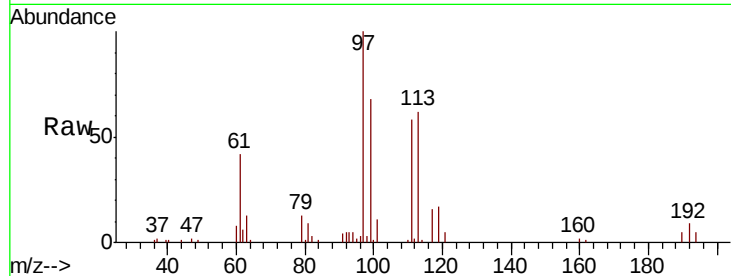
Tgt Ion:113 Resp: 9886

Ion Ratio Lower Upper

113 100

111 101.0 81.0 121.6

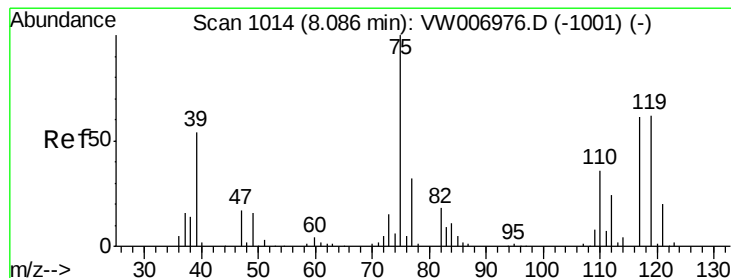
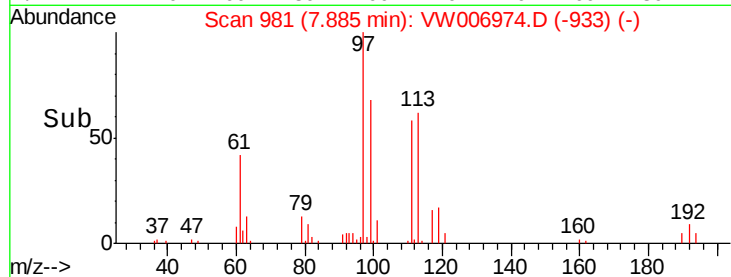
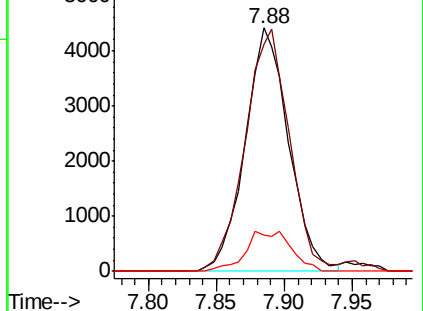
192 17.2 15.0 22.6



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: 10.007 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

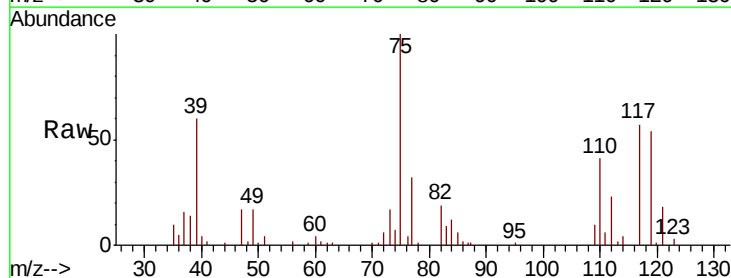
Tgt Ion: 75 Resp: 18850

Ion Ratio Lower Upper

75 100

110 37.0 18.0 54.0

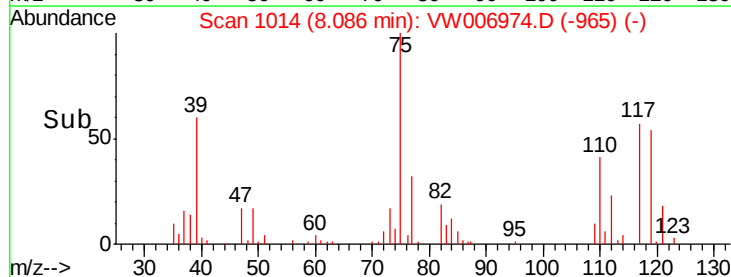
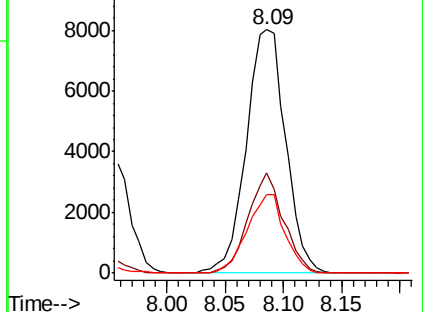
77 30.6 24.9 37.3

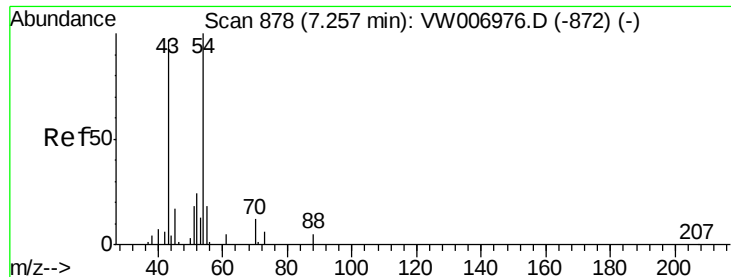


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

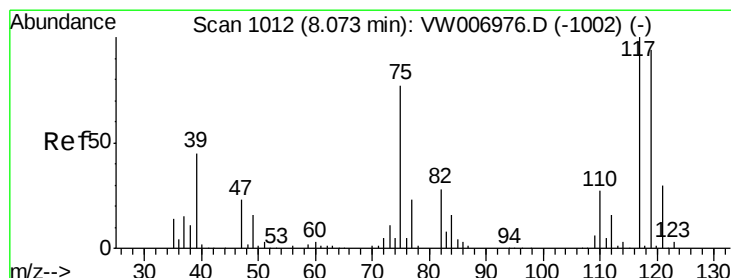
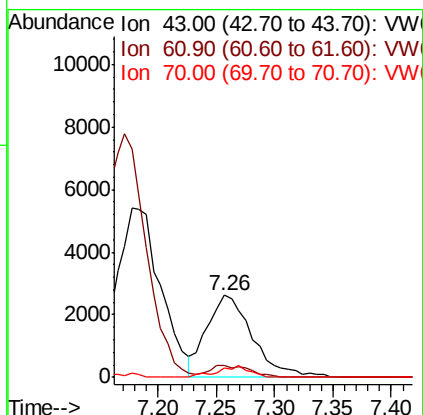
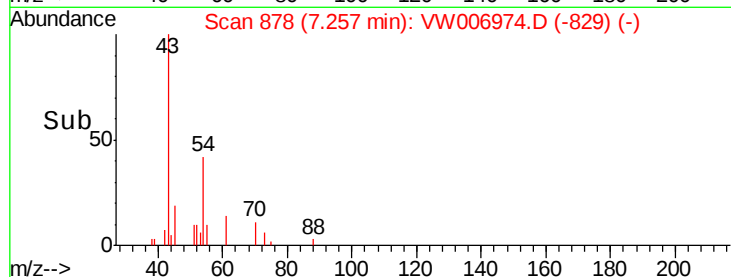
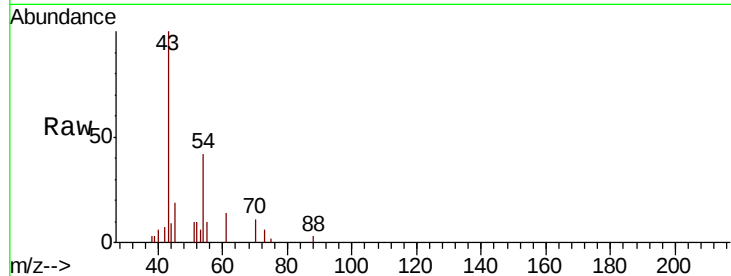




#37
Ethyl Acetate
Concen: 10.441 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

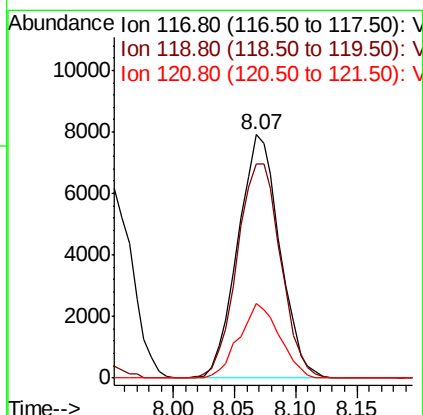
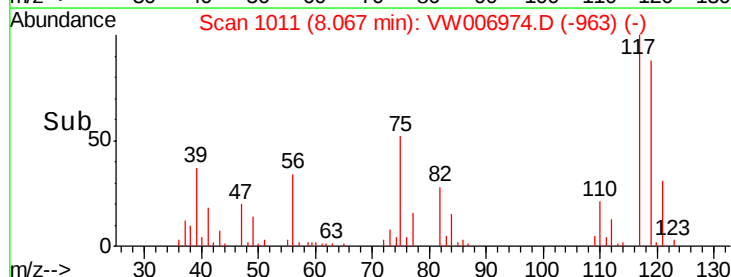
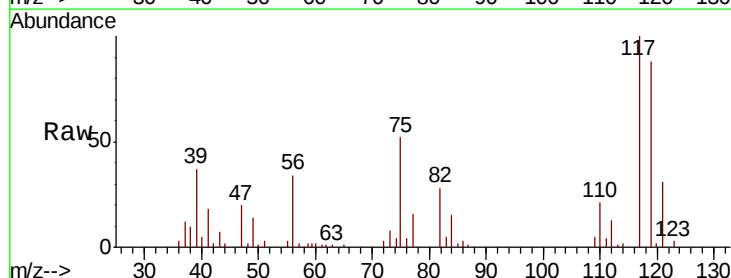
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

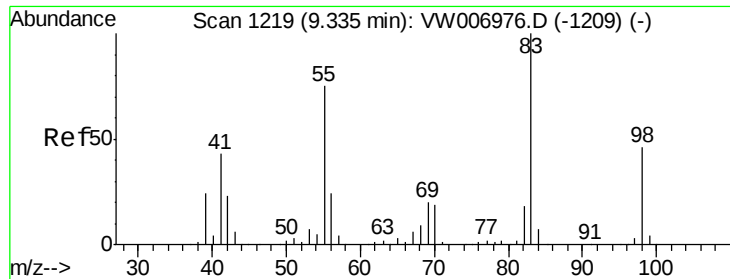
Tgt Ion: 43 Resp: 7127
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 10.460 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 117 Resp: 18868
Ion Ratio Lower Upper
117 100
119 88.2 74.9 112.3
121 30.6 23.6 35.4

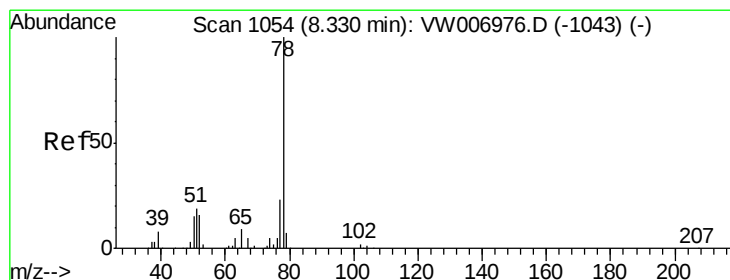
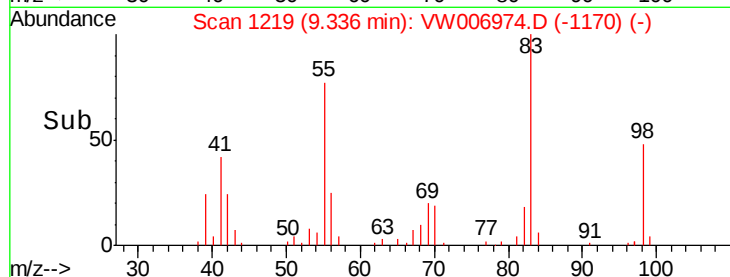
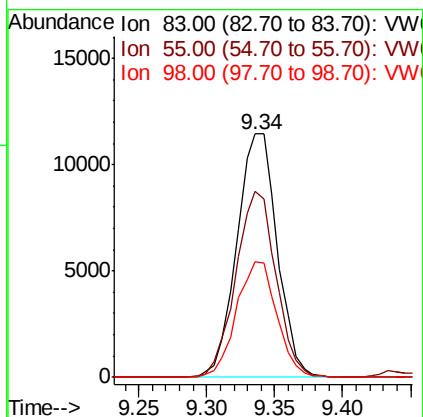
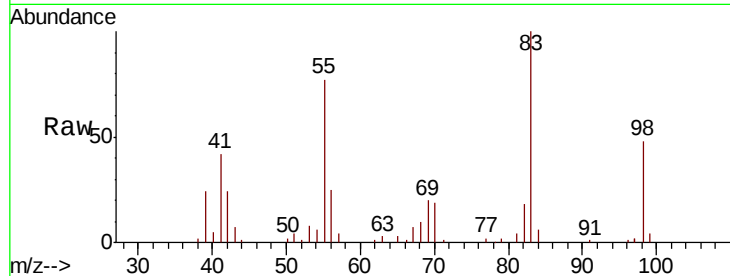




#39
Methylcyclohexane
Concen: 10.098 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

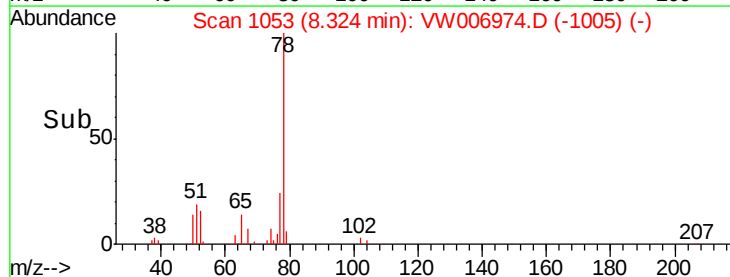
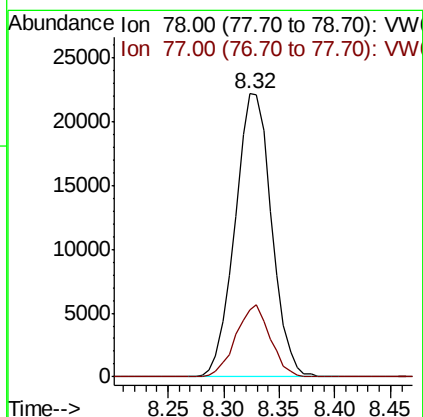
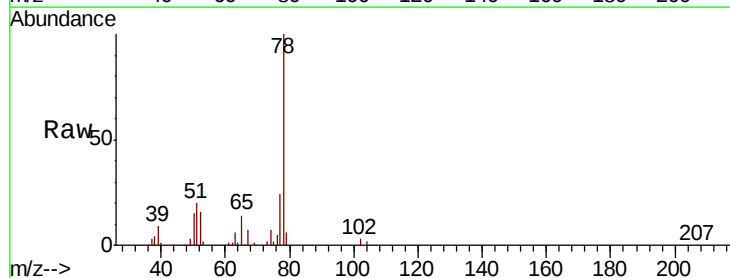
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

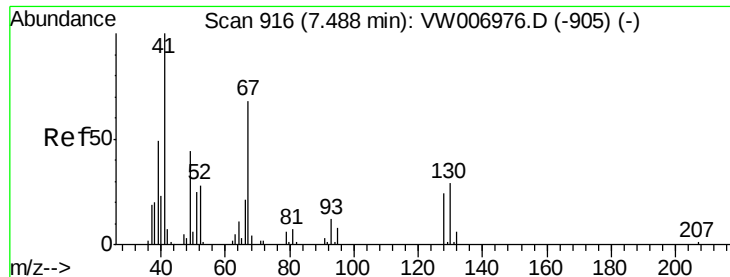
Tgt Ion: 83 Resp: 23803
Ion Ratio Lower Upper
83 100
55 76.6 59.6 89.4
98 47.5 37.1 55.7



#40
Benzene
Concen: 9.914 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 78 Resp: 50408
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

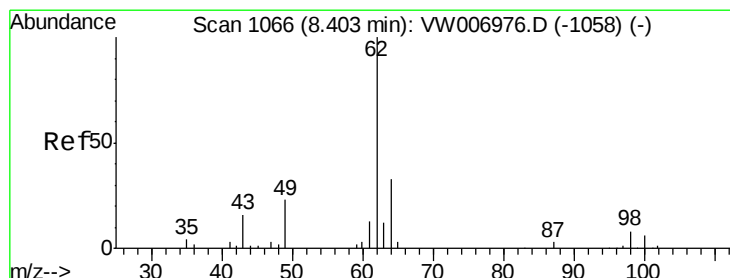
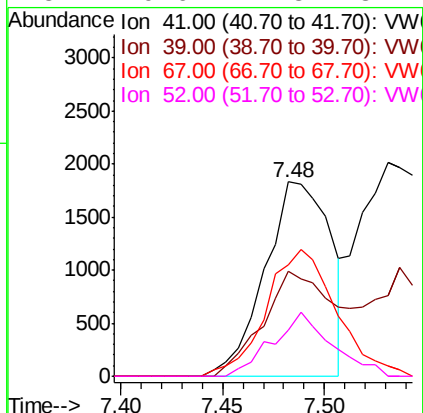
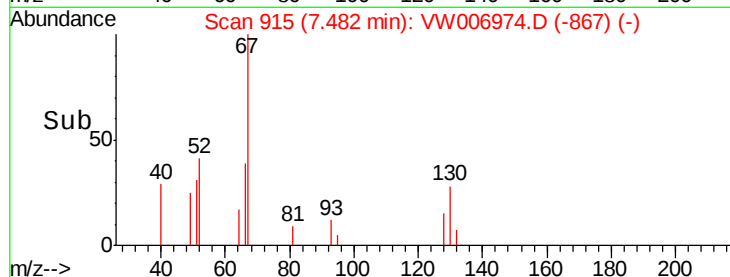
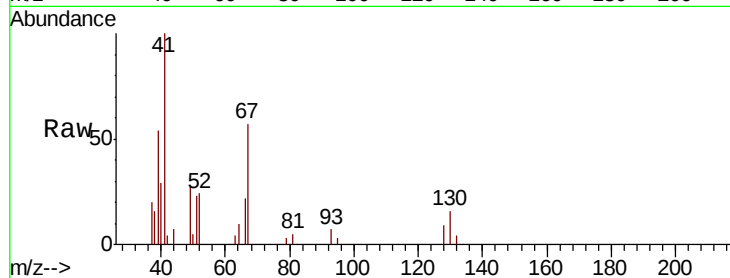




#41
Methacrylonitrile
Concen: 9.686 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

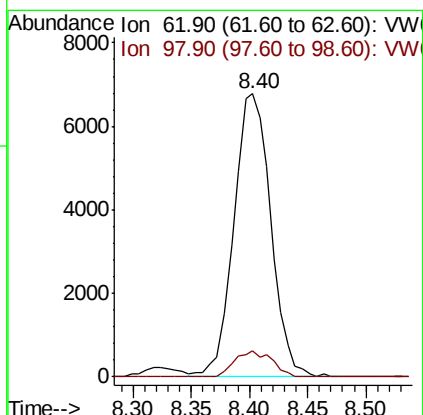
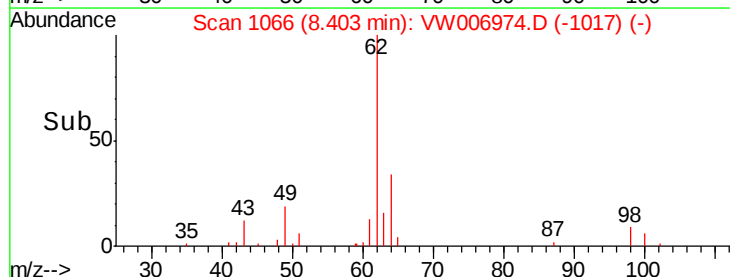
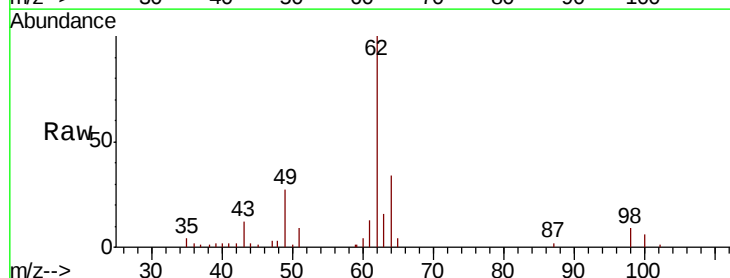
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

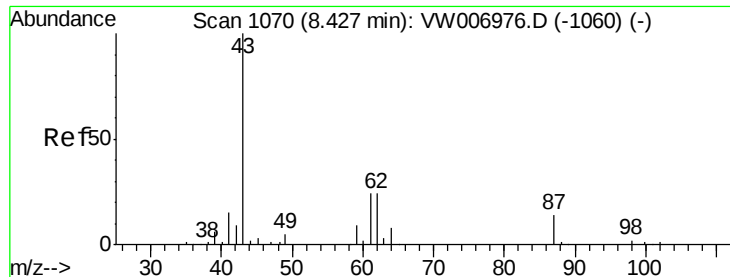
Tgt Ion:	41	Resp:	4106
Ion	Ratio	Lower	Upper
41	100		
39	60.1	48.6	73.0
67	69.7	59.8	89.8
52	29.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 10.149 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion:	62	Resp:	14982
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 9.288 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

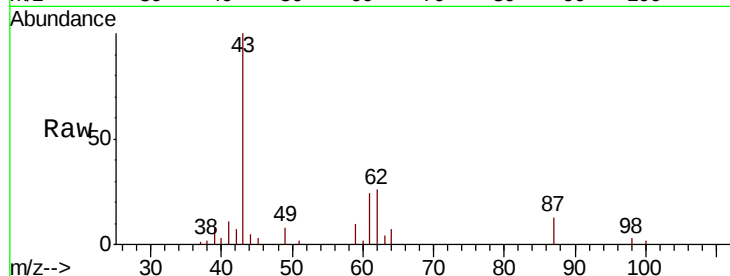
Tgt Ion: 43 Resp: 12082

Ion Ratio Lower Upper

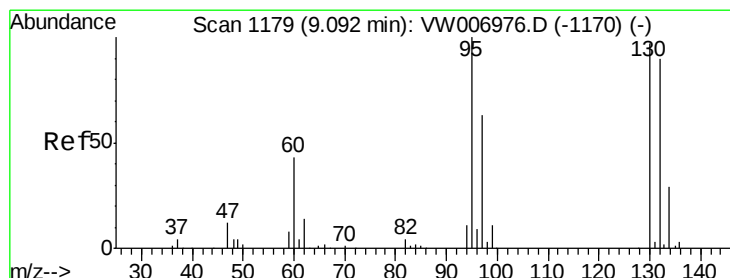
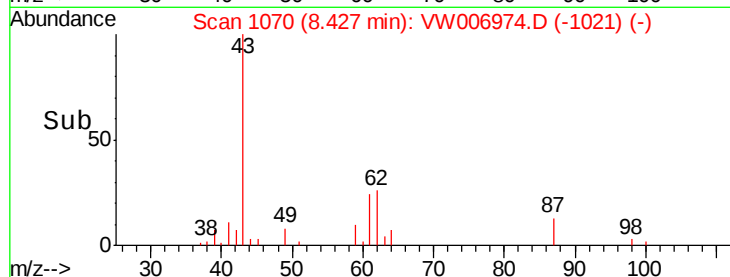
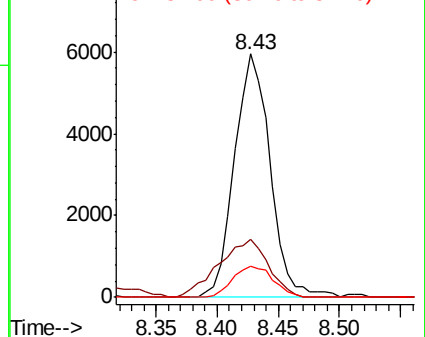
43 100

61 32.9 26.1 39.1

87 14.2 11.2 16.8



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



#44

Trichloroethene

Concen: 10.027 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006974.D

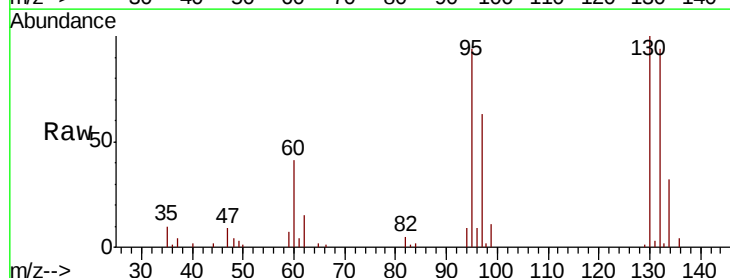
Acq: 20 Nov 2018 14:14

Tgt Ion: 130 Resp: 14292

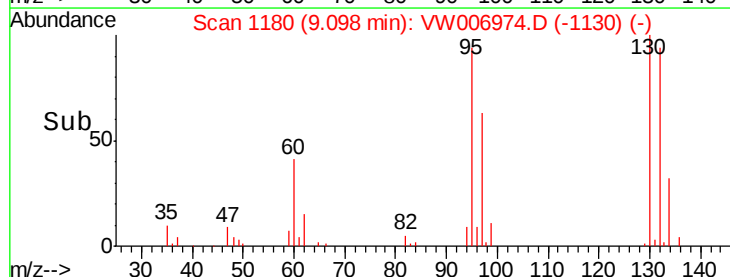
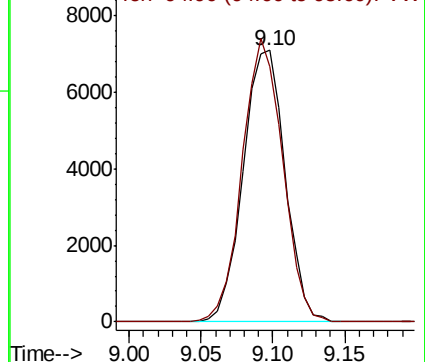
Ion Ratio Lower Upper

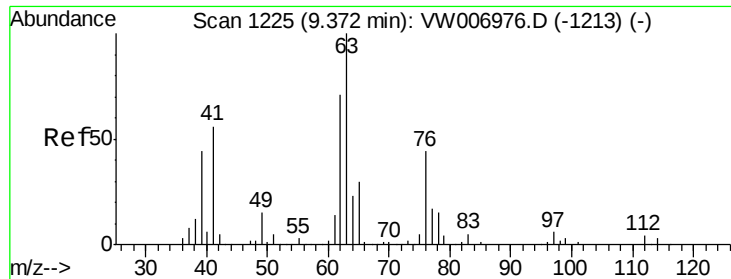
130 100

95 94.2 0.0 206.4



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

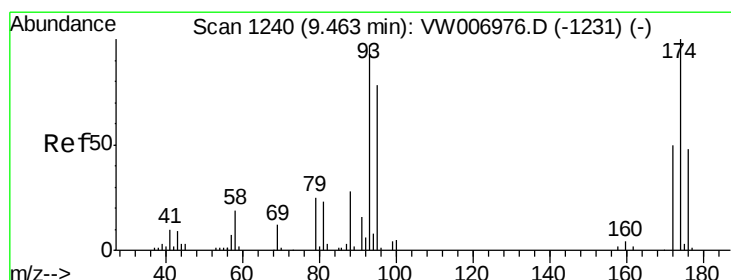
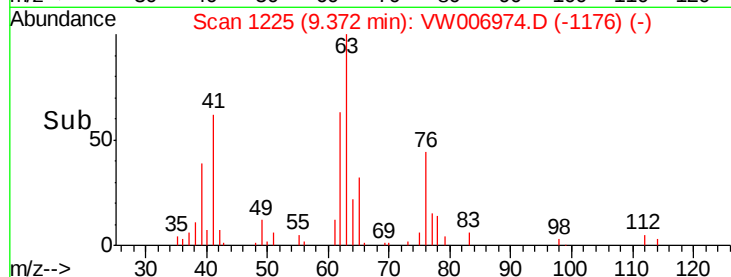
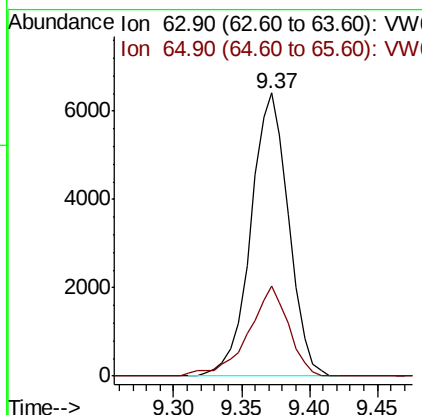
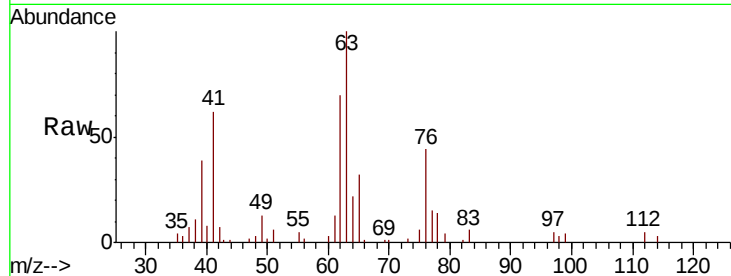




#45
 1,2-Dichloropropane
 Concen: 9.954 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

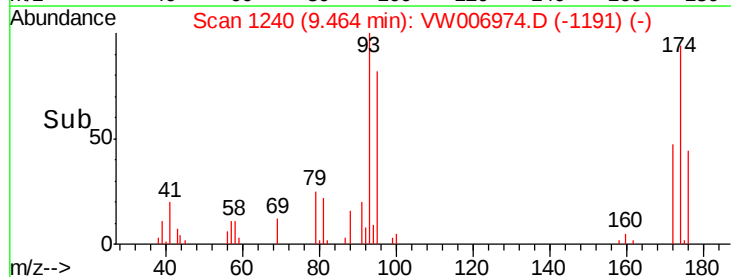
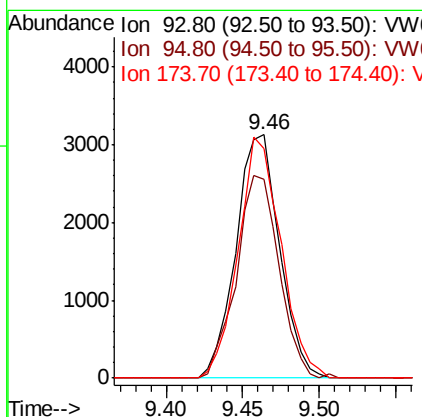
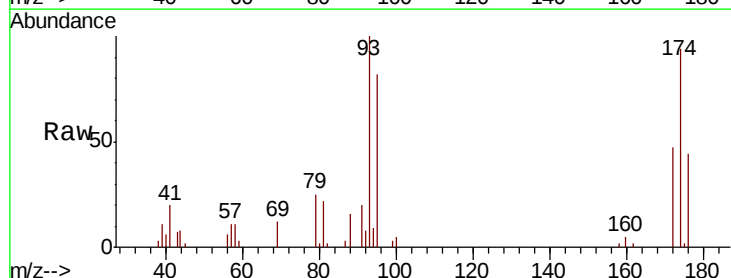
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

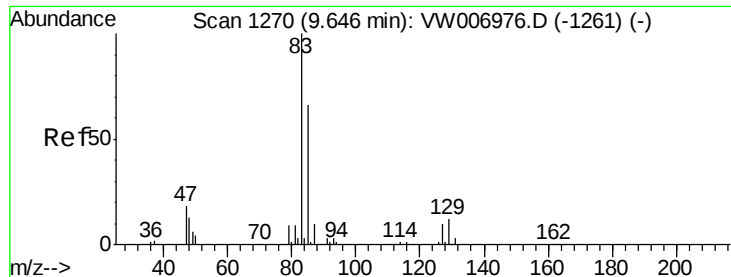
Tgt Ion: 63 Resp: 12477
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6



#46
 Dibromomethane
 Concen: 9.882 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion: 93 Resp: 6203
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.1 99.1
 174 96.9 79.7 119.5

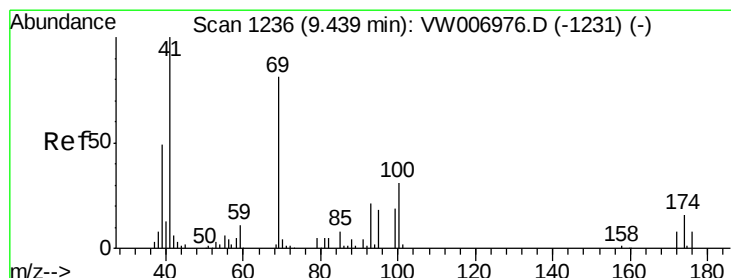
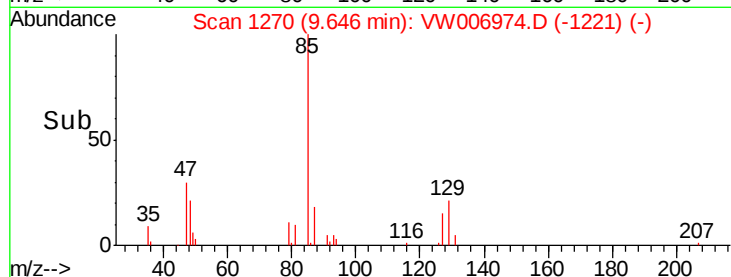
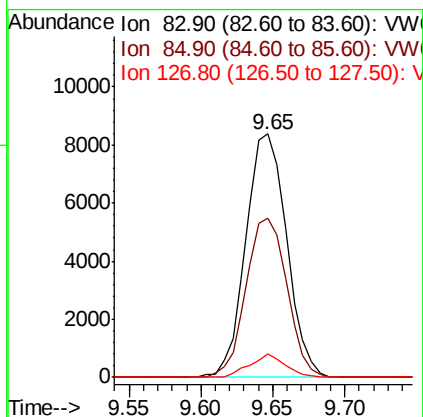
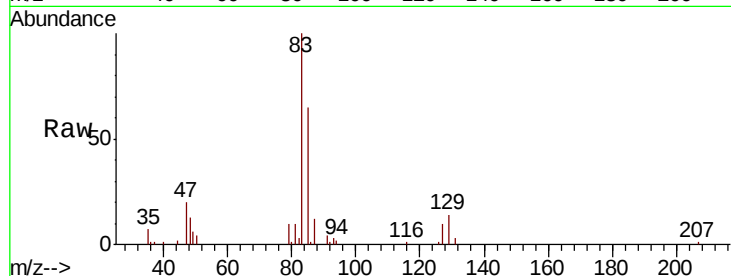




#47
Bromodichloromethane
Concen: 9.943 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

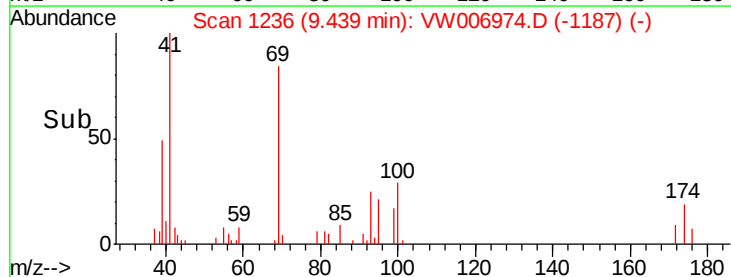
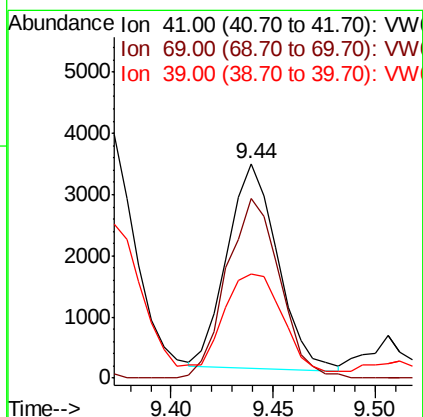
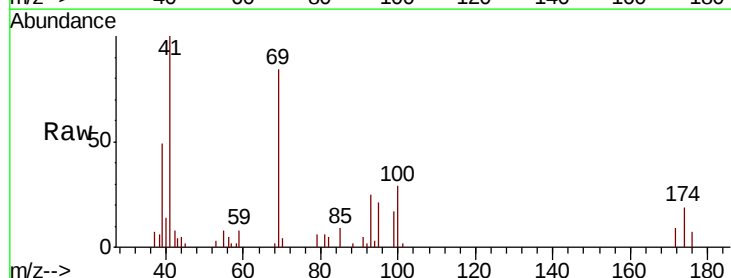
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

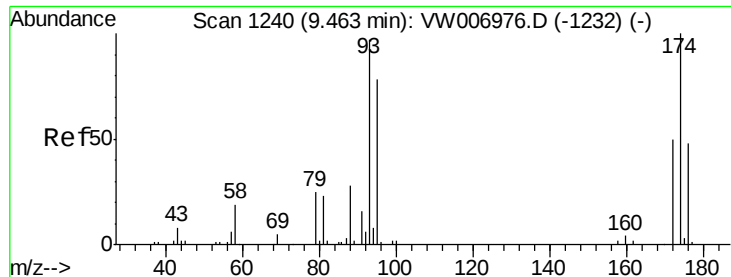
Tgt Ion: 83 Resp: 16443
Ion Ratio Lower Upper
83 100
85 65.2 52.9 79.3
127 9.5 7.8 11.6



#48
Methyl methacrylate
Concen: 9.129 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 41 Resp: 5726
Ion Ratio Lower Upper
41 100
69 92.6 71.4 107.0
39 54.9 44.8 67.2

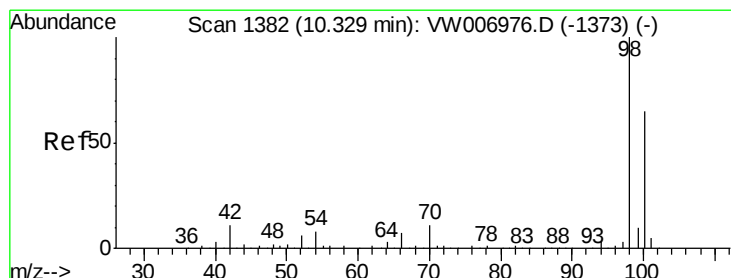
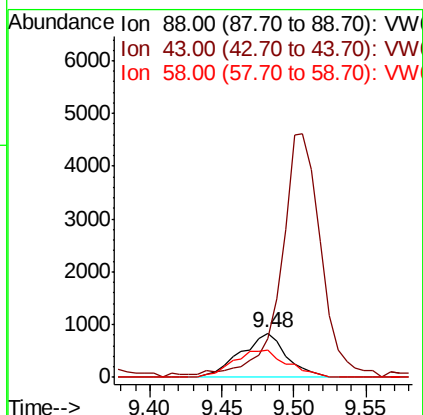
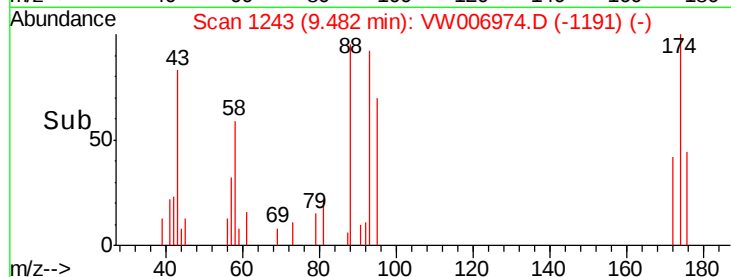
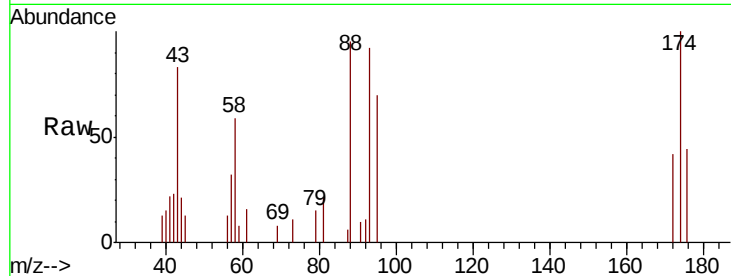




#49
1,4-Dioxane
Concen: 199.264 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

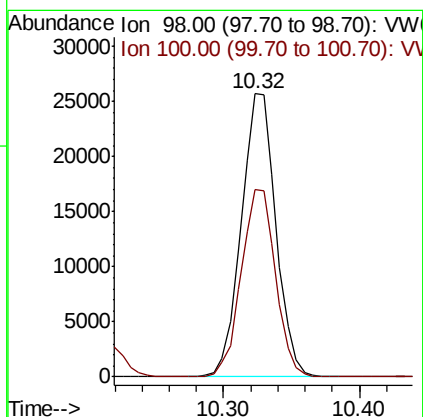
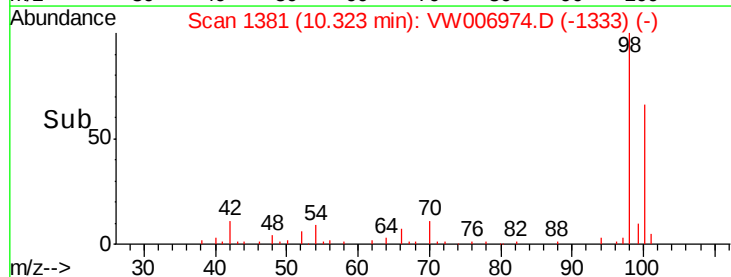
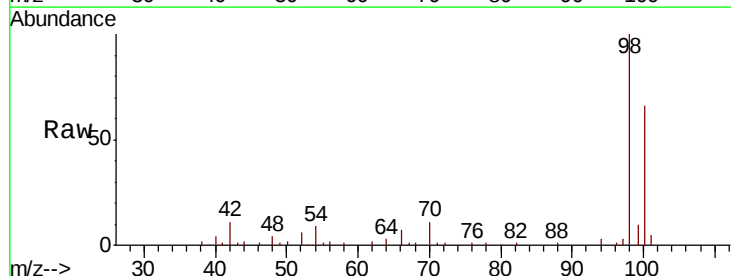
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

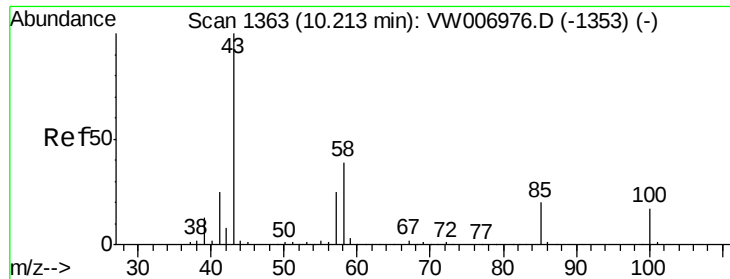
Tgt Ion: 88 Resp: 1859
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.9 59.0 88.6



#50
Toluene-d8
Concen: 9.492 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 98 Resp: 45630
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2

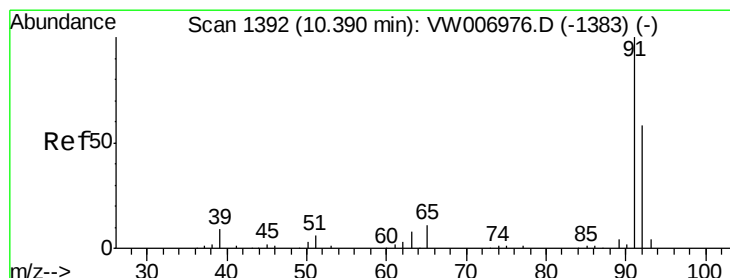
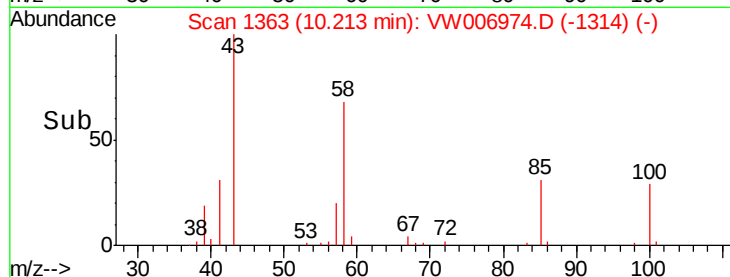
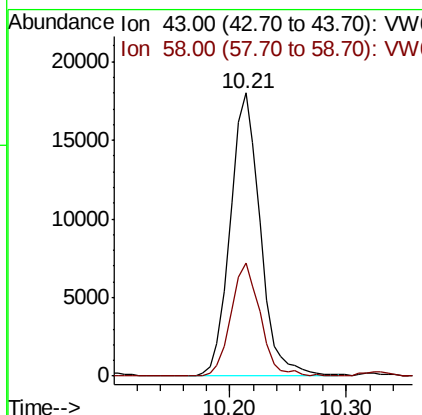
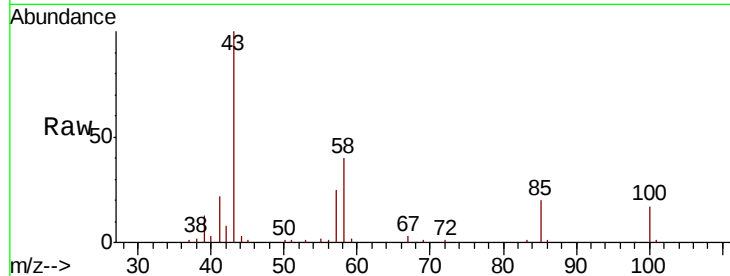




#51
 4-Methyl-2-Pentanone
 Concen: 49.378 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

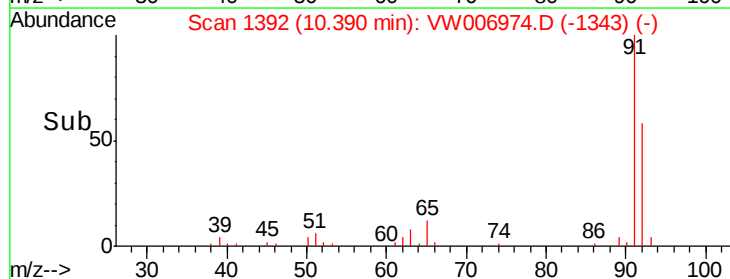
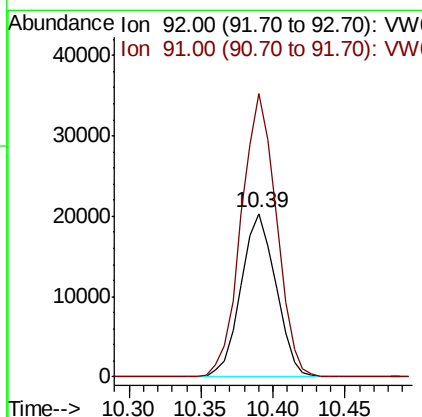
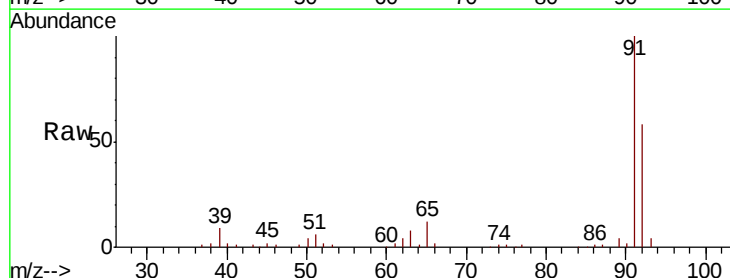
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

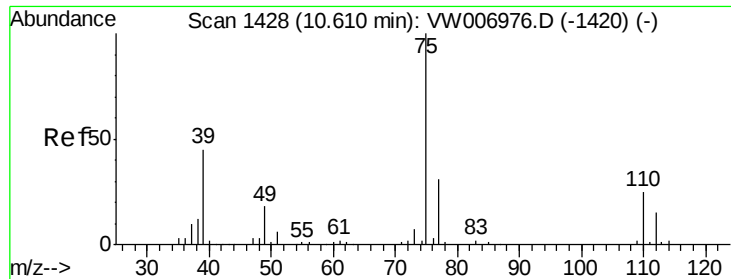
Tgt Ion: 43 Resp: 32459
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.8 47.6



#52
 Toluene
 Concen: 9.876 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion: 92 Resp: 34173
 Ion Ratio Lower Upper
 92 100
 91 174.1 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 9.407 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

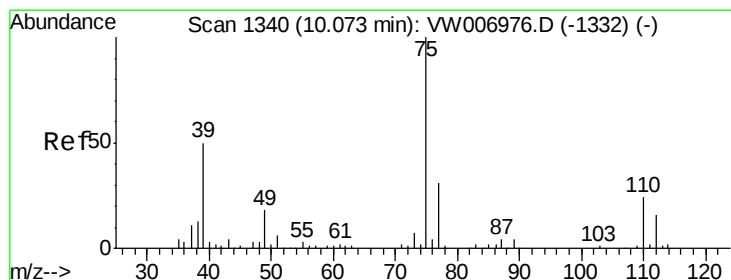
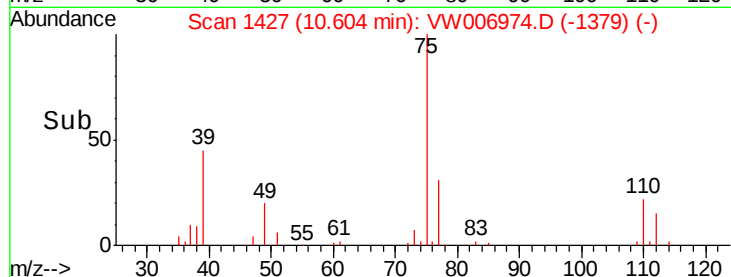
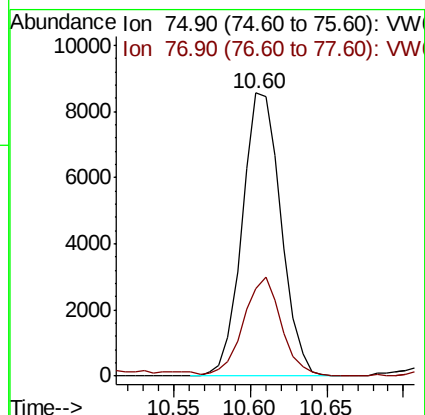
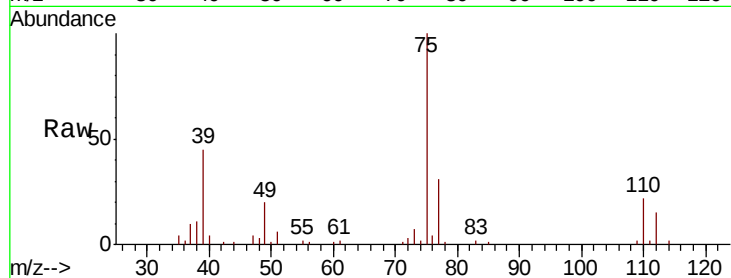
VSTDIC010

Tgt Ion: 75 Resp: 15071

Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 9.371 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

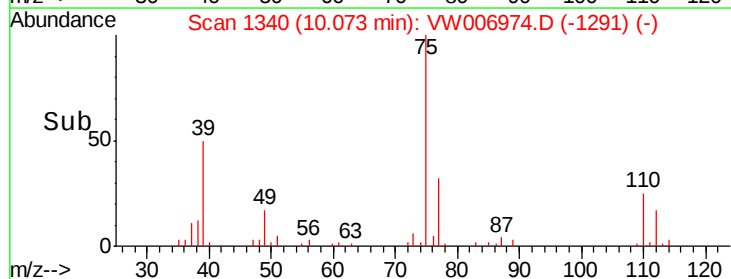
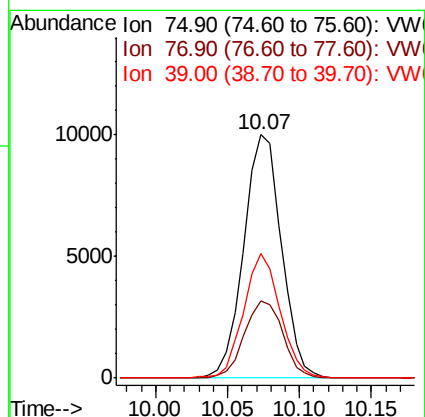
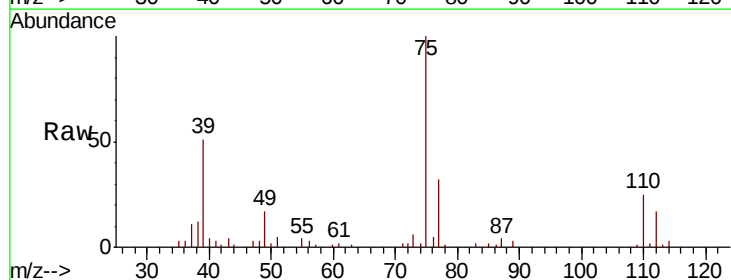
Tgt Ion: 75 Resp: 18138

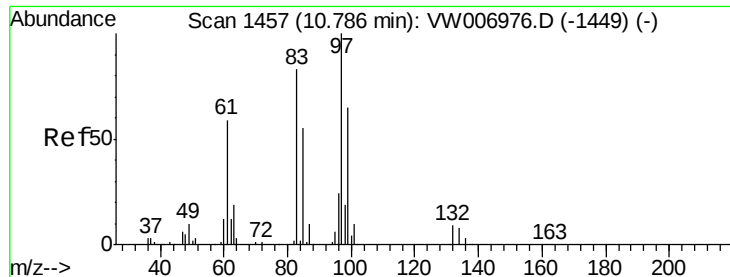
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 51.1 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 9.682 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 8941

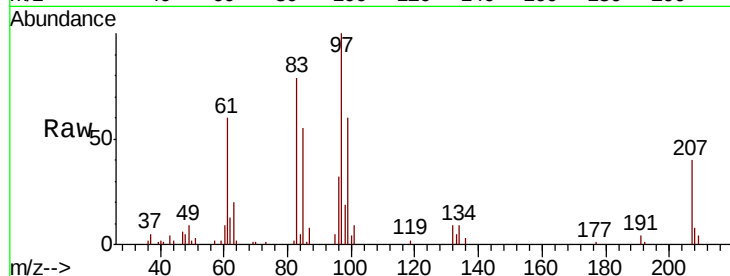
Ion Ratio Lower Upper

97 100

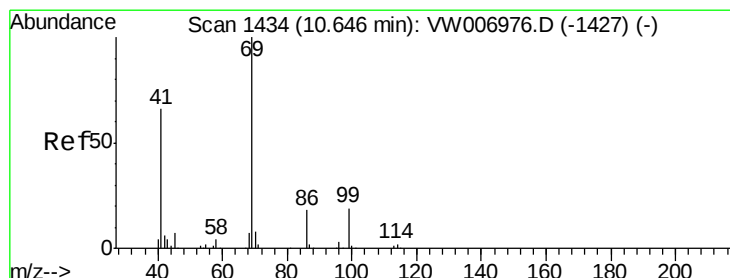
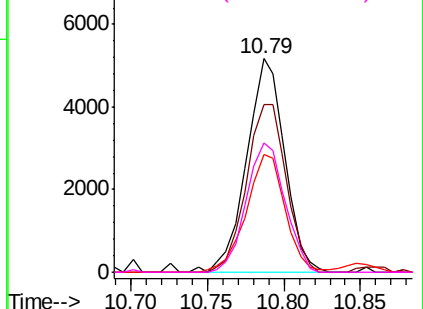
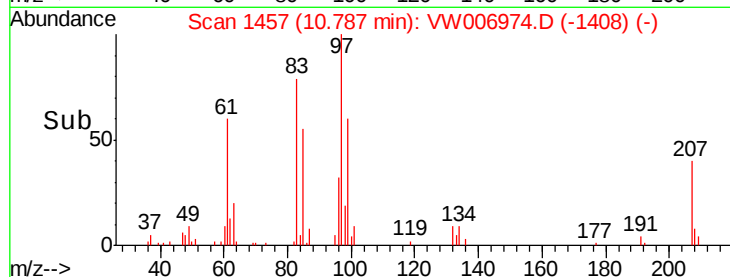
83 78.8 66.4 99.6

85 55.1 44.1 66.1

99 60.5 51.7 77.5



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



#56

Ethyl methacrylate

Concen: 9.293 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

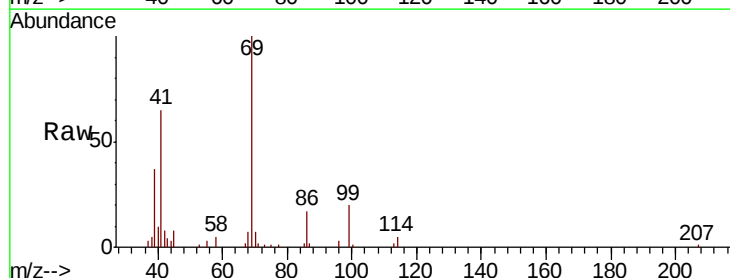
Tgt Ion: 69 Resp: 9962

Ion Ratio Lower Upper

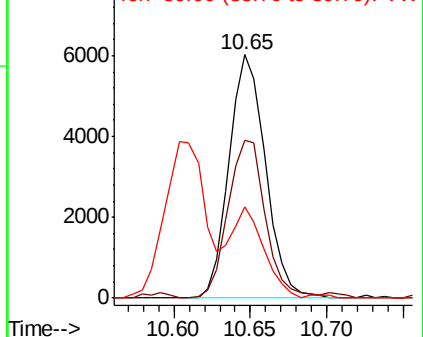
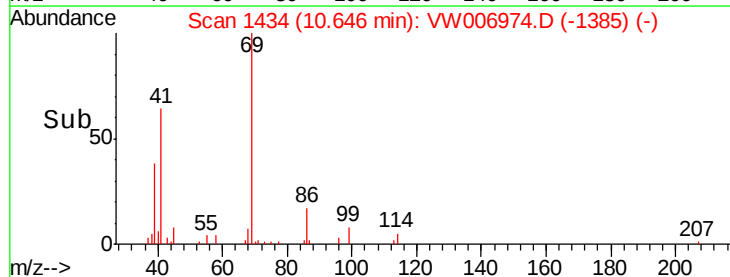
69 100

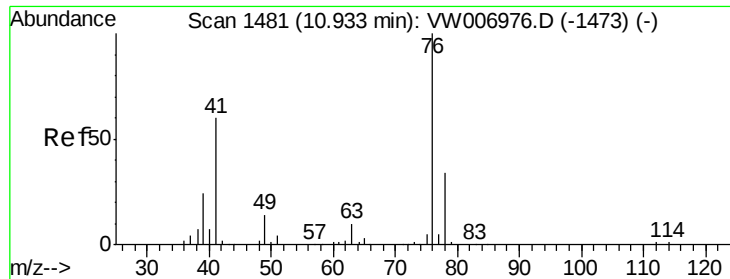
41 66.8 53.4 80.0

39 35.4 28.2 42.4



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

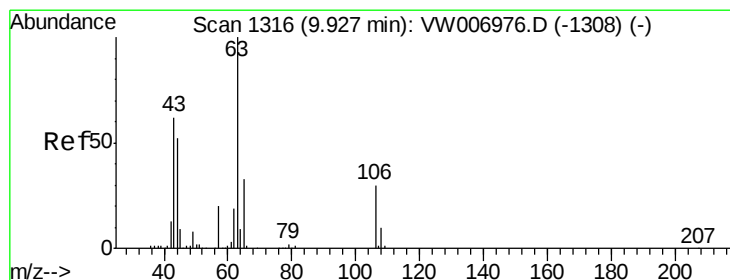
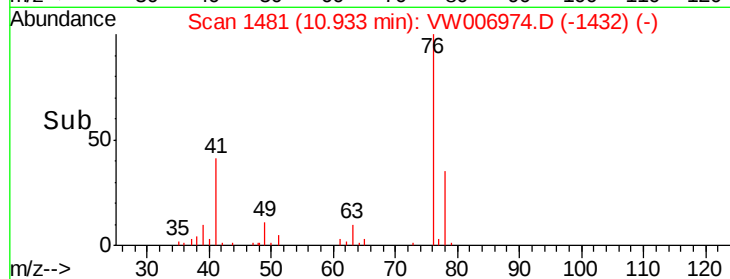
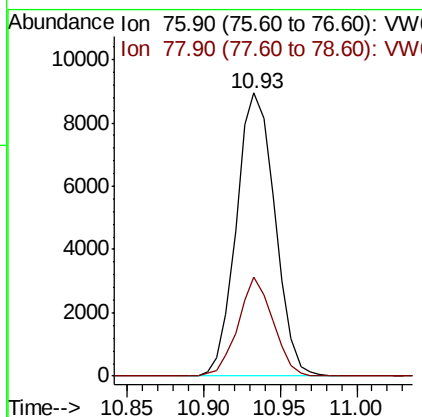
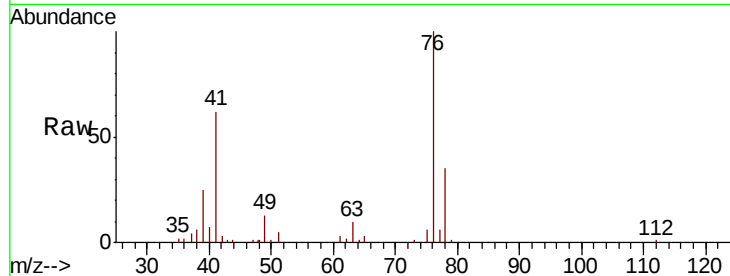




#57
 1,3-Dichloropropane
 Concen: 10.111 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

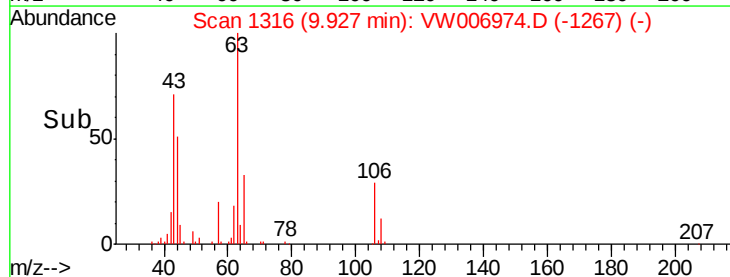
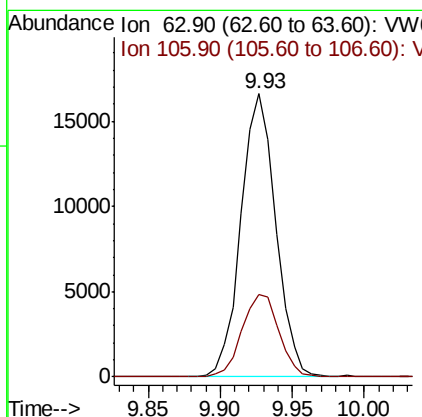
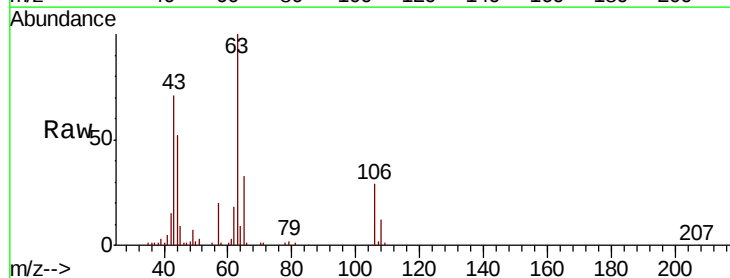
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

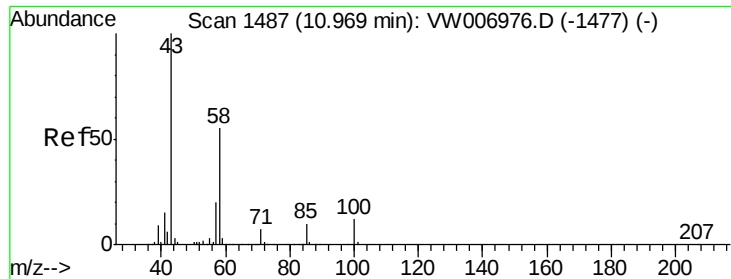
Tgt Ion: 76 Resp: 15648
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.663 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion: 63 Resp: 27819
 Ion Ratio Lower Upper
 63 100
 106 30.6 23.5 35.3





#59

2-Hexanone

Concen: 48.181 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampled :

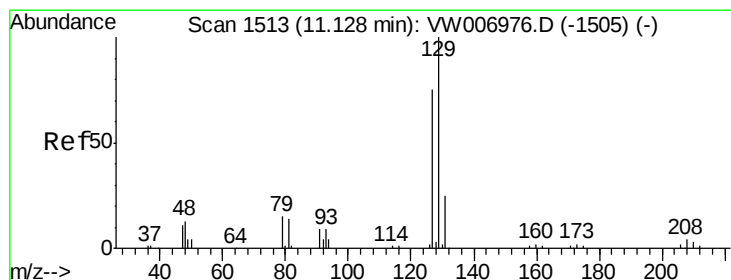
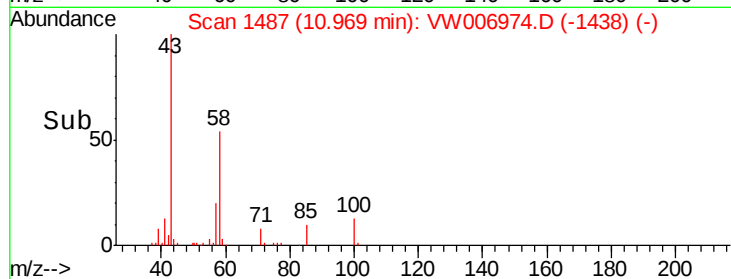
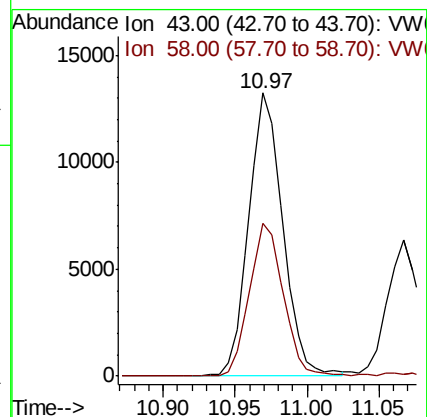
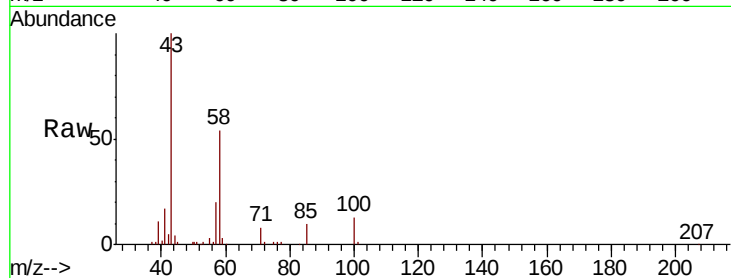
VSTDIC010

Tgt Ion: 43 Resp: 21689

Ion Ratio Lower Upper

43 100

58 53.4 27.3 81.8



#60

Dibromochloromethane

Concen: 9.251 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW006974.D

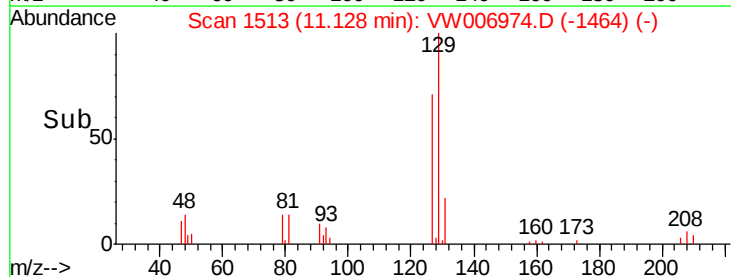
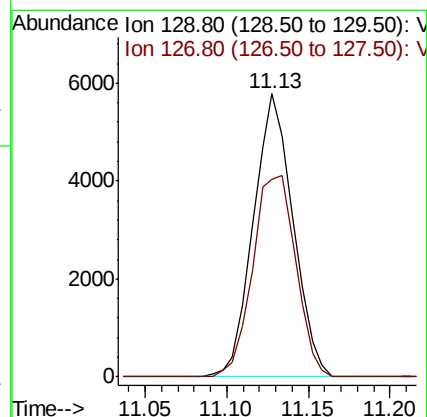
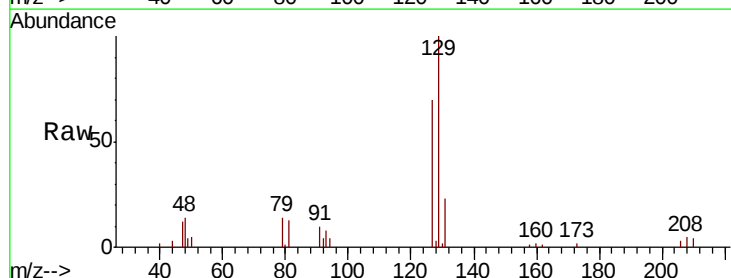
Acq: 20 Nov 2018 14:14

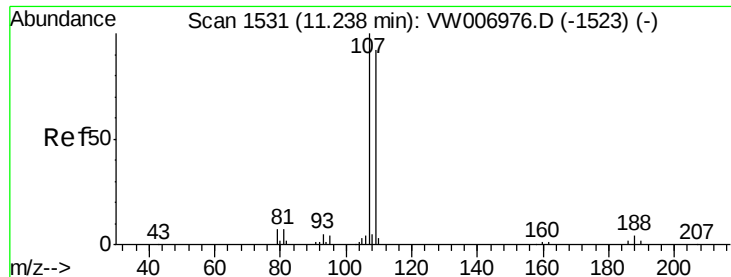
Tgt Ion: 129 Resp: 9735

Ion Ratio Lower Upper

129 100

127 77.4 38.3 114.8

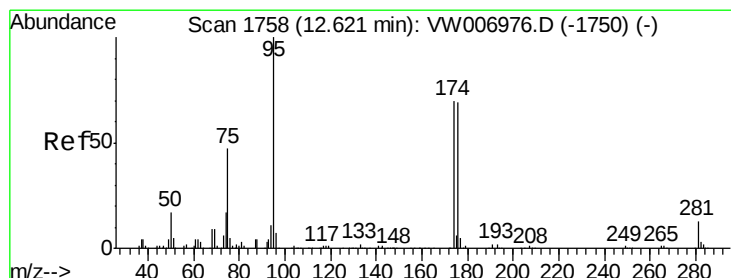
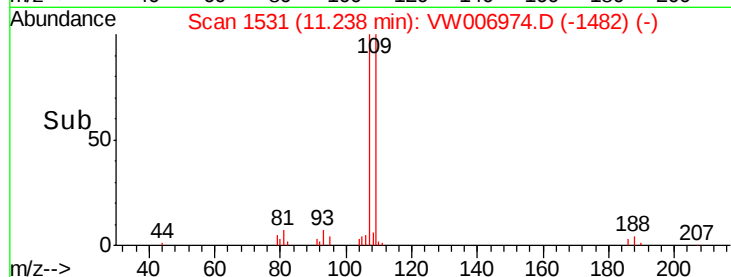
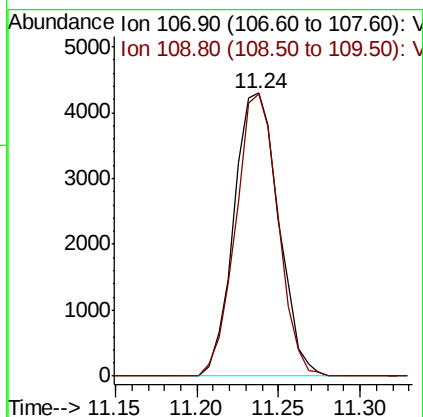
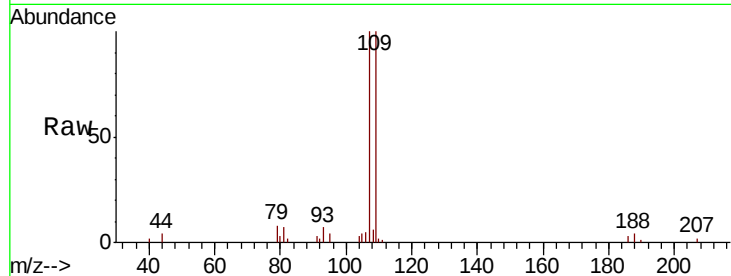




#61
1,2-Dibromoethane
Concen: 9.645 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

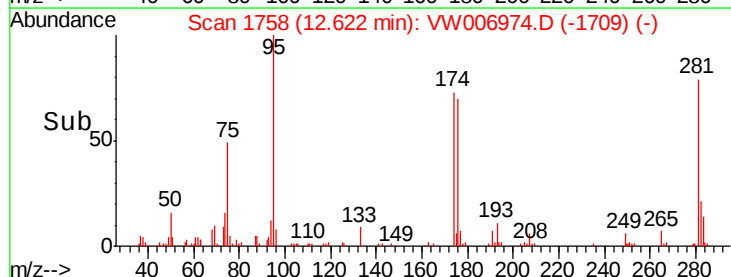
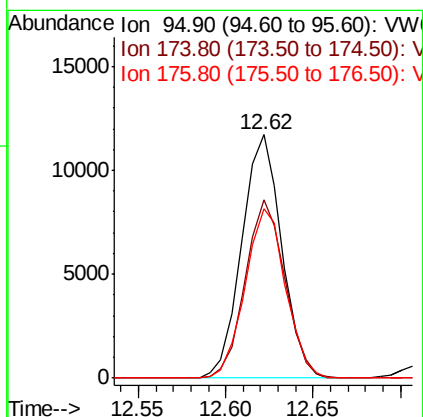
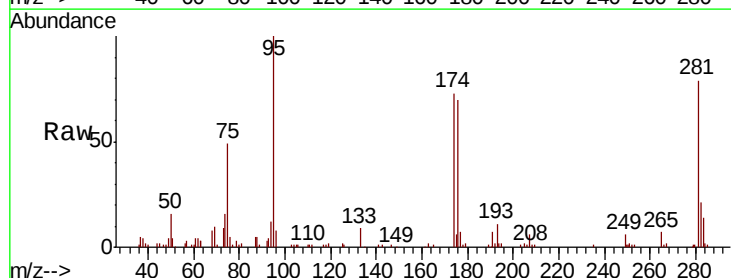
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

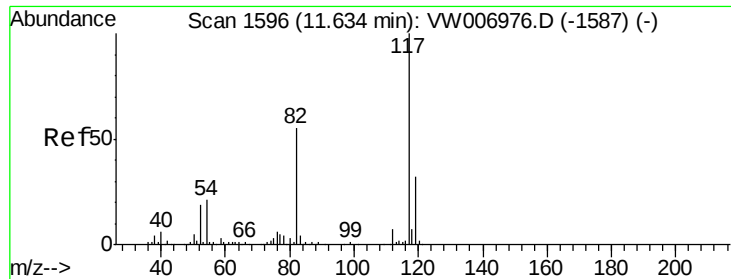
Tgt Ion: 107 Resp: 8148
Ion Ratio Lower Upper
107 100
109 94.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 9.812 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 95 Resp: 18561
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.6
176 70.4 0.0 140.4

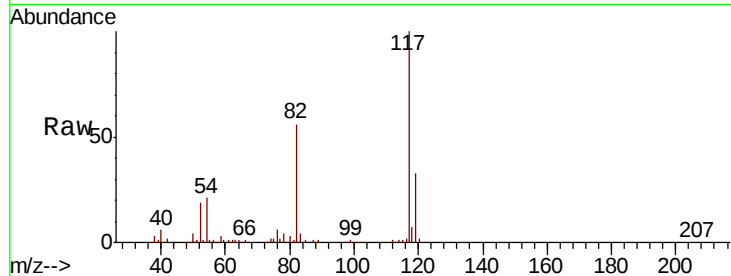




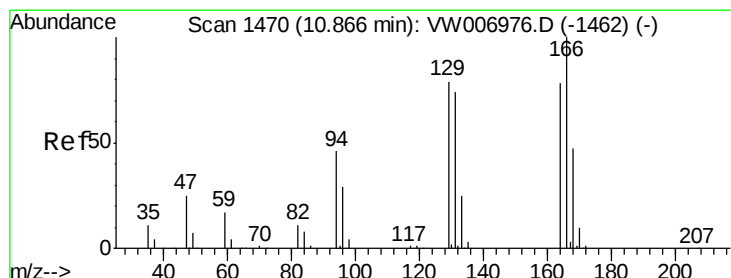
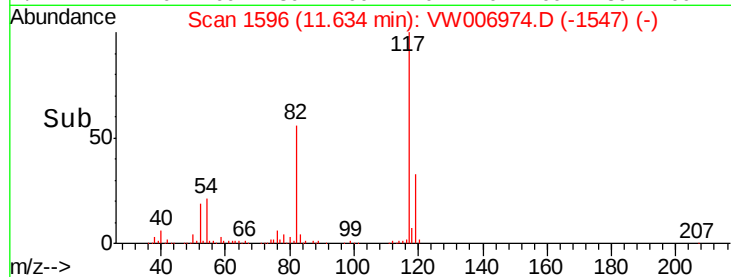
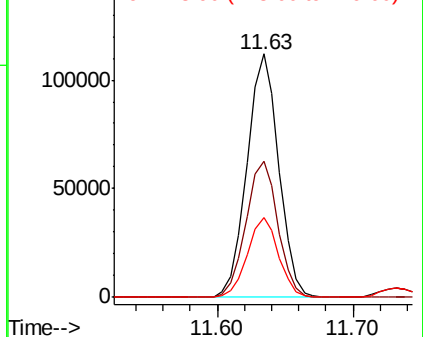
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 183177
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.8 25.9 38.9

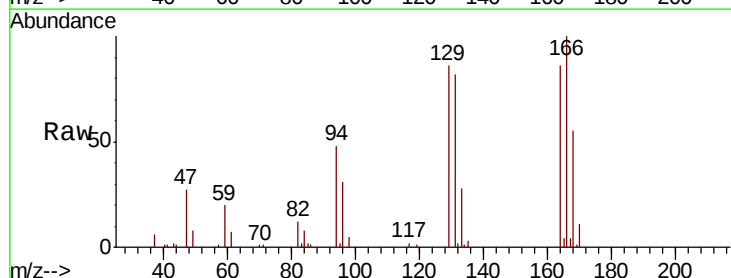


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

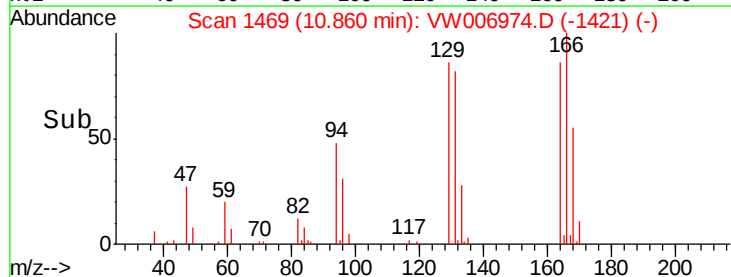
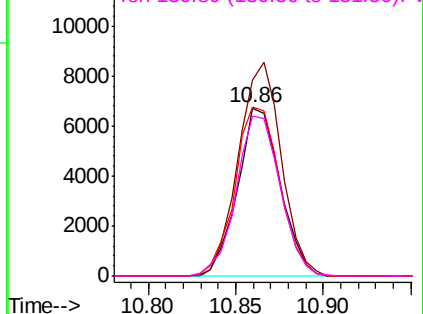


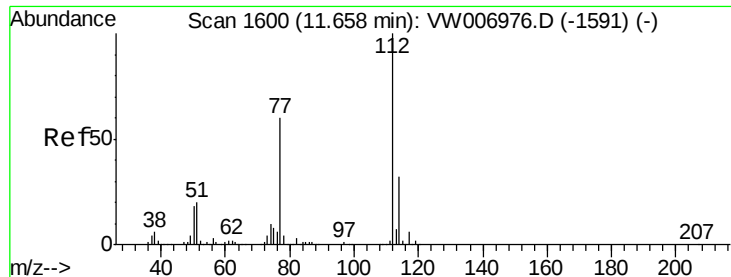
#64
Tetrachloroethene
Concen: 9.662 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion:164 Resp: 11386
Ion Ratio Lower Upper
164 100
166 116.2 102.1 153.1
129 100.4 80.4 120.6
131 94.9 75.2 112.8



Abundance Ion 163.80 (163.50 to 164.50): V
12000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

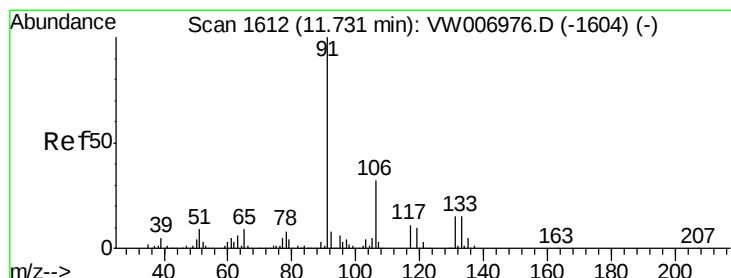
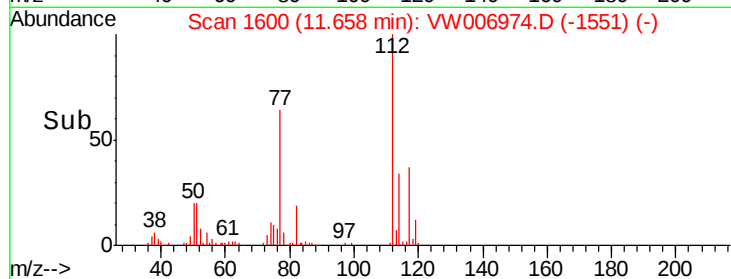
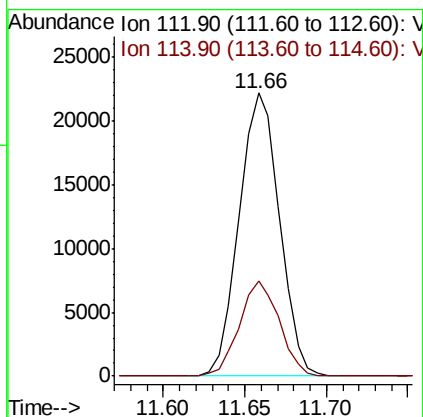
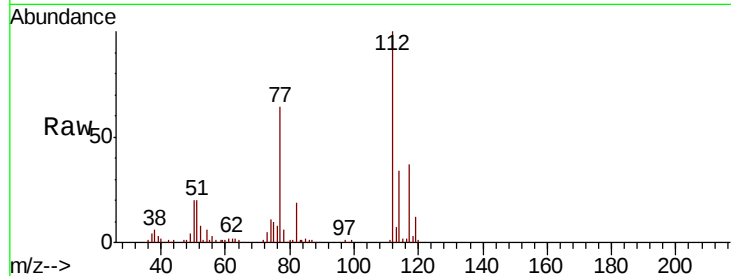




#65
Chlorobenzene
Concen: 10.001 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

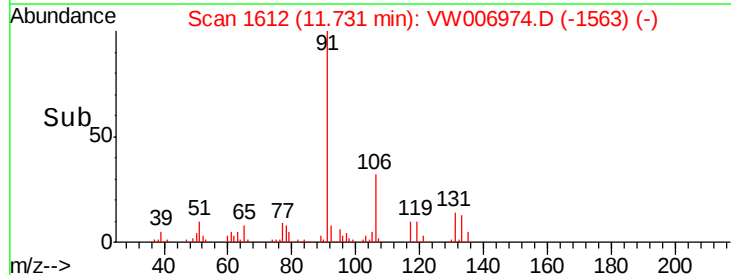
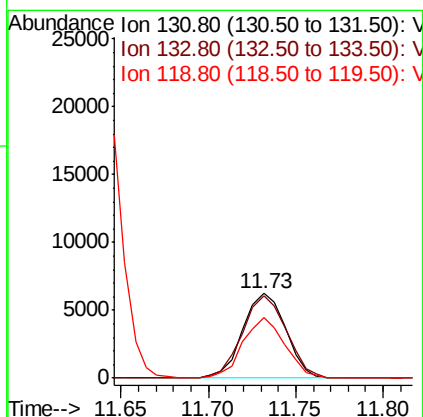
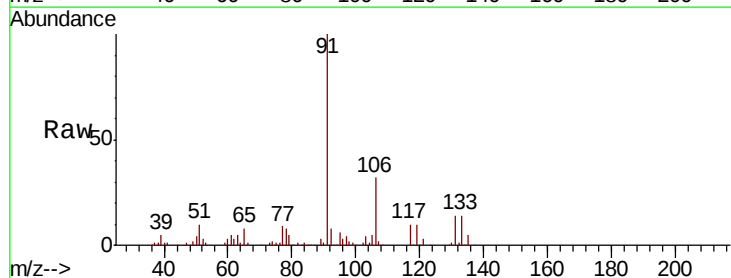
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

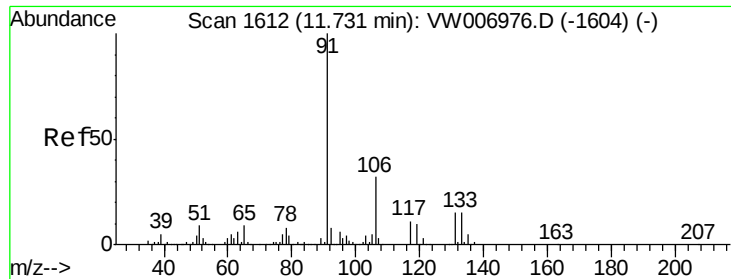
Tgt Ion:112 Resp: 38235
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 9.273 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion:131 Resp: 10725
Ion Ratio Lower Upper
131 100
133 99.9 47.7 143.1
119 69.2 31.8 95.3

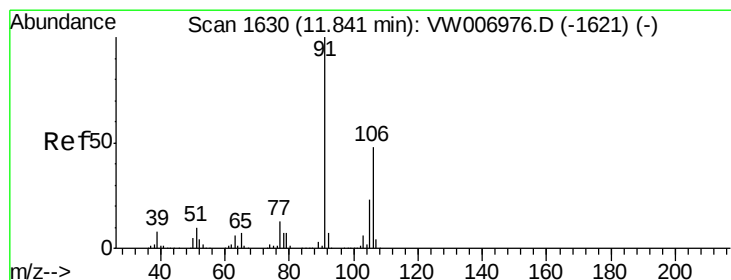
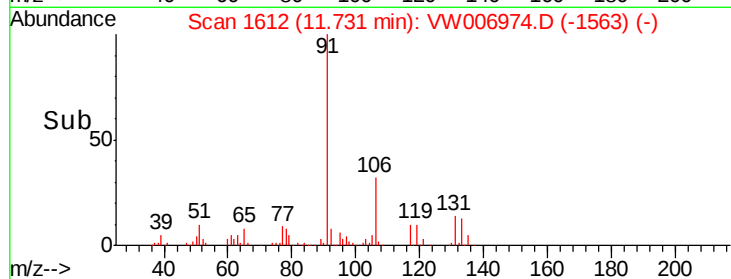
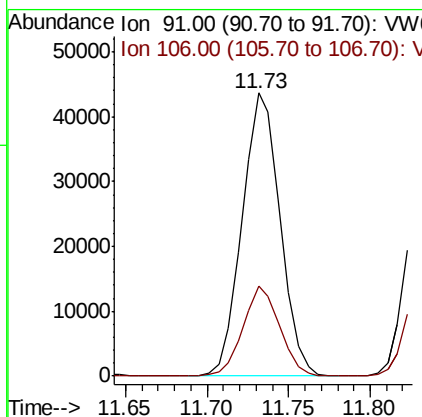
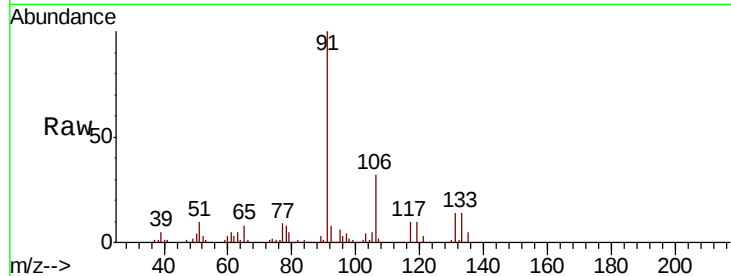




#67
Ethyl Benzene
Concen: 10.055 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

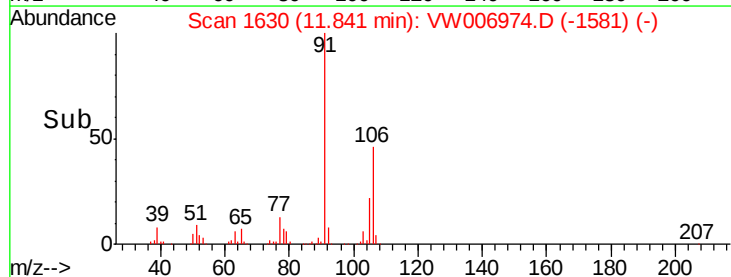
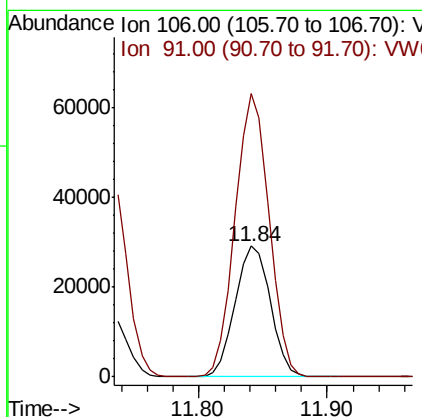
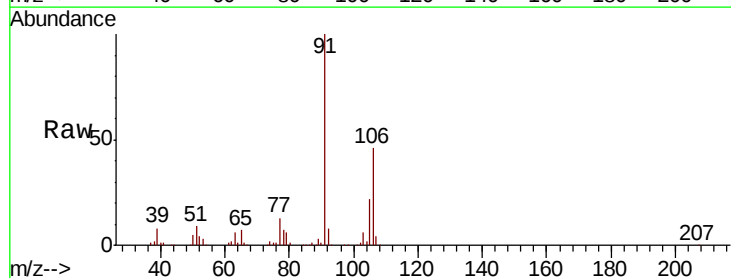
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

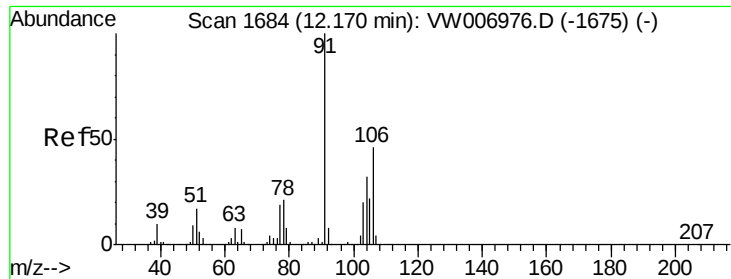
Tgt Ion: 91 Resp: 70620
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 20.087 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 106 Resp: 55350
Ion Ratio Lower Upper
106 100
91 208.6 164.8 247.2

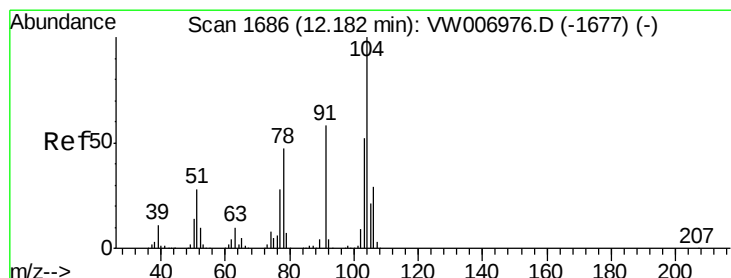
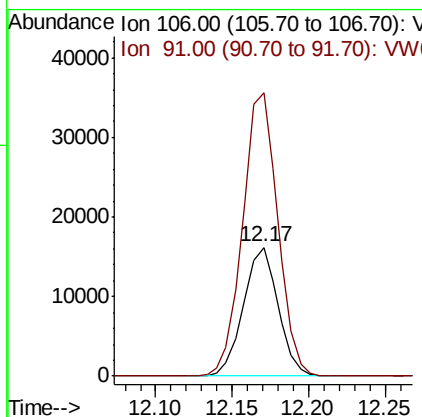
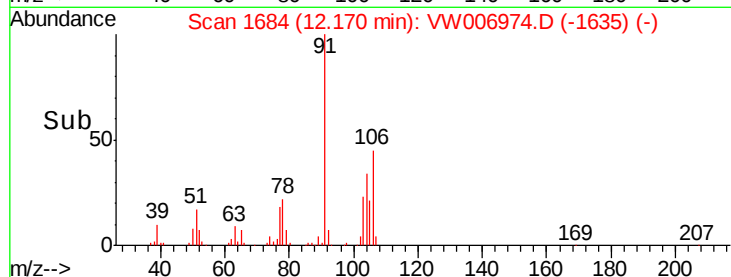
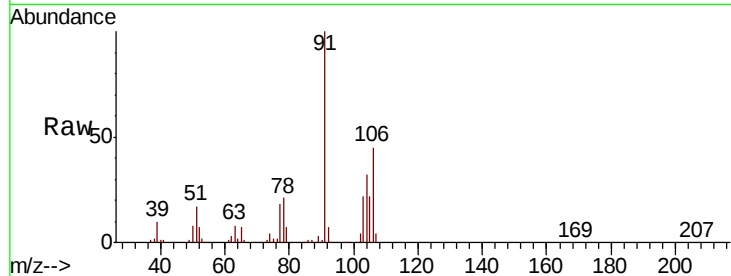




#69
o-Xylene
Concen: 9.833 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

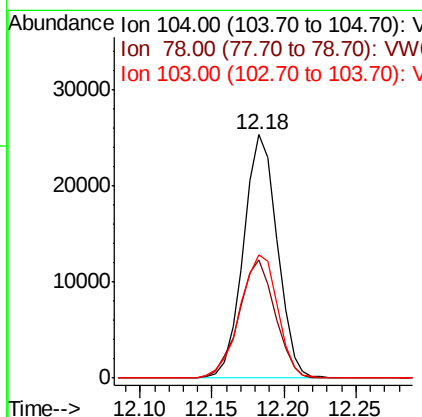
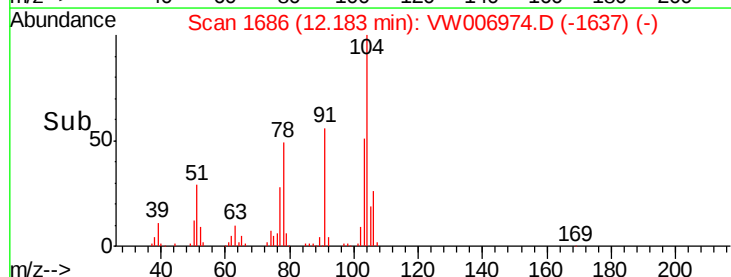
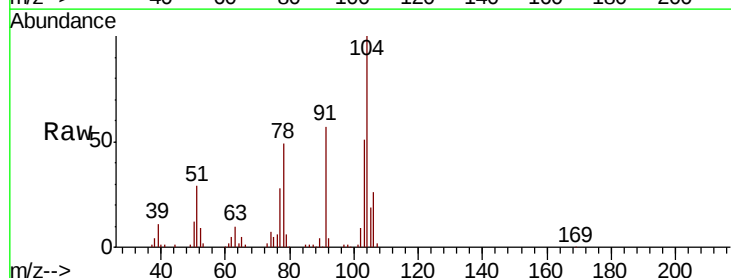
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

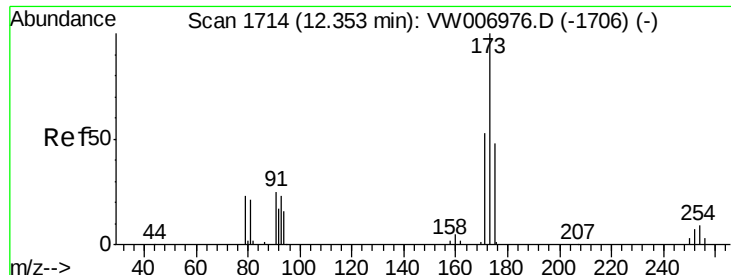
Tgt Ion:106 Resp: 25548
Ion Ratio Lower Upper
106 100
91 222.9 107.9 323.8



#70
Styrene
Concen: 9.941 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion:104 Resp: 41108
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 56.6 44.4 66.6

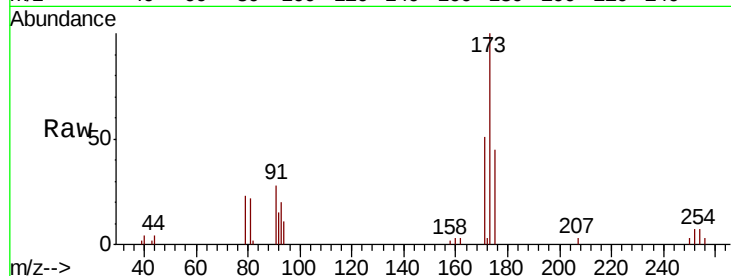




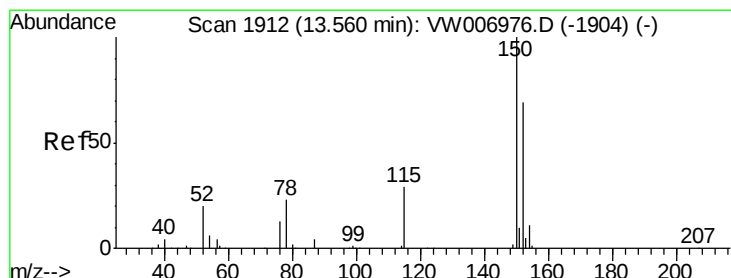
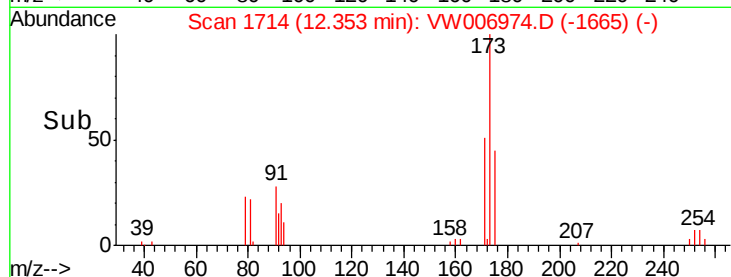
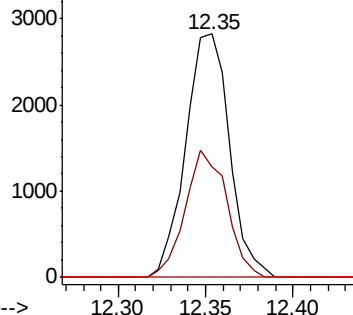
#71
Bromoform
Concen: 9.060 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 4936
Ion Ratio Lower Upper
173 100
175 49.6 24.0 72.0
254 0.0 0.0 0.0

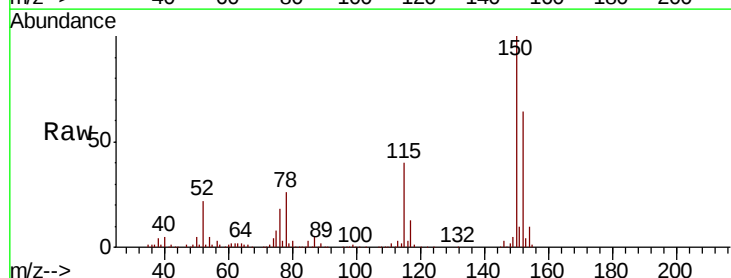


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

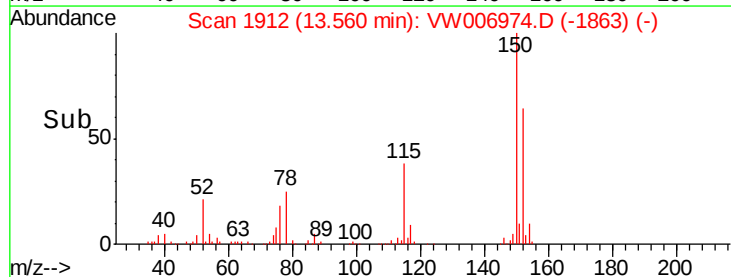
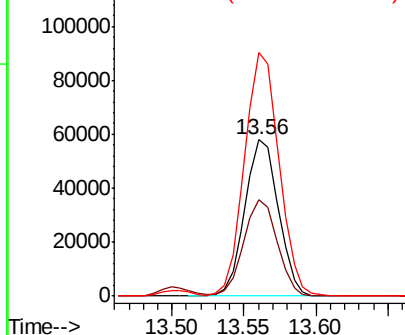


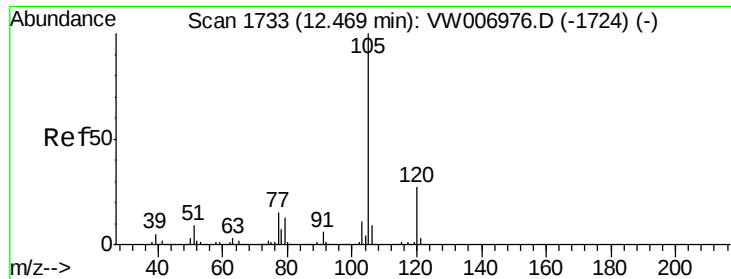
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion:152 Resp: 93365
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 159.9 0.0 353.4



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: 9.875 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

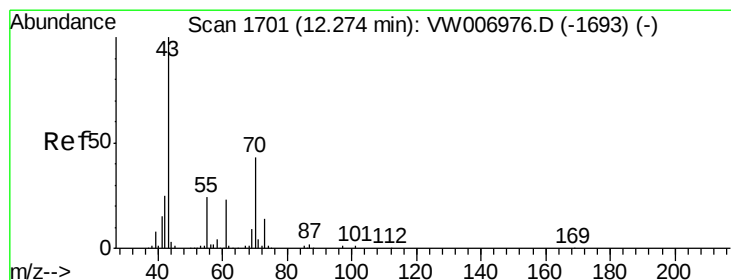
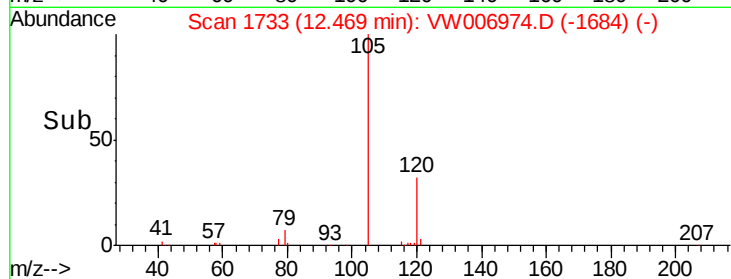
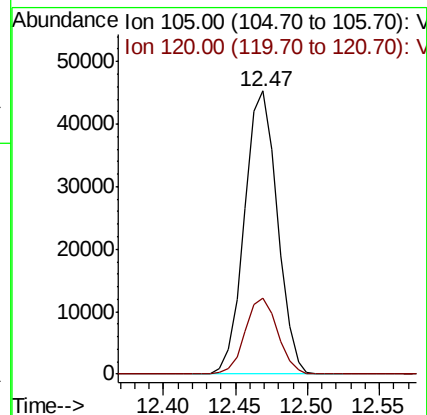
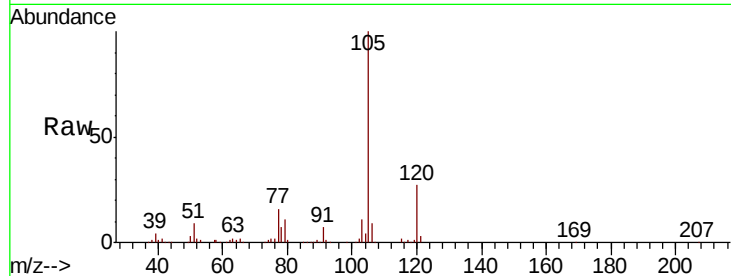
VSTDIC010

Tgt Ion: 105 Resp: 71657

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 9.110 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Tgt Ion: 43 Resp: 11079

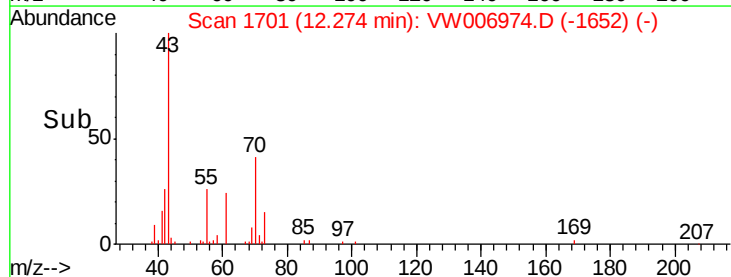
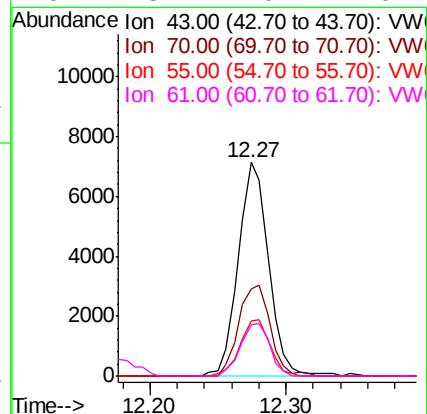
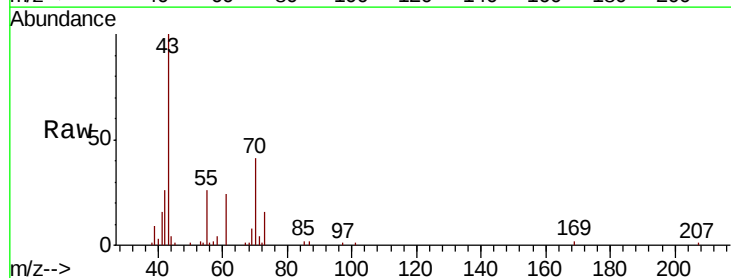
Ion Ratio Lower Upper

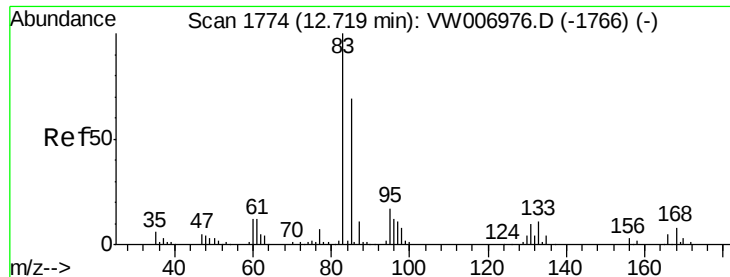
43 100

70 44.2 34.0 51.0

55 26.1 19.4 29.0

61 23.7 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 9.448 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

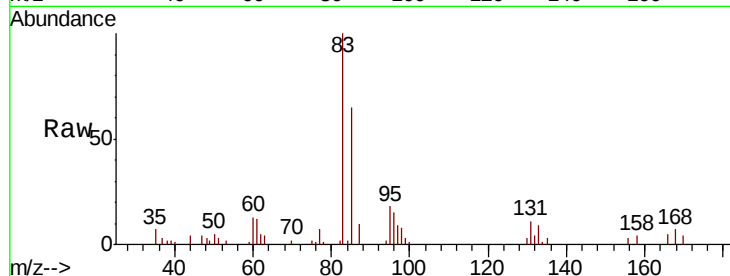
Tgt Ion: 83 Resp: 9124

Ion Ratio Lower Upper

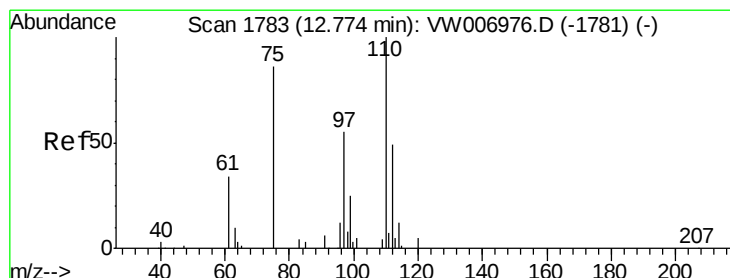
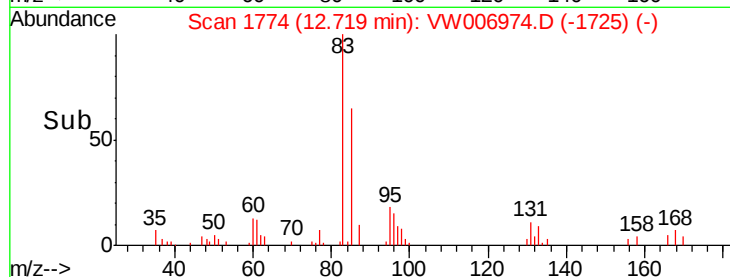
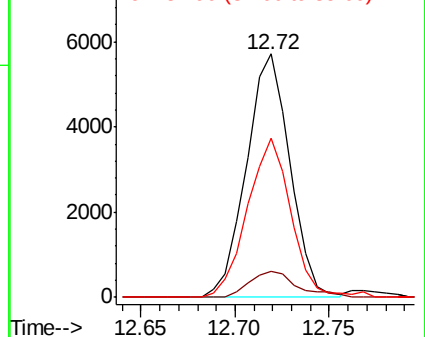
83 100

131 11.7 5.7 17.1

85 65.7 33.1 99.2



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: 10.181 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006974.D

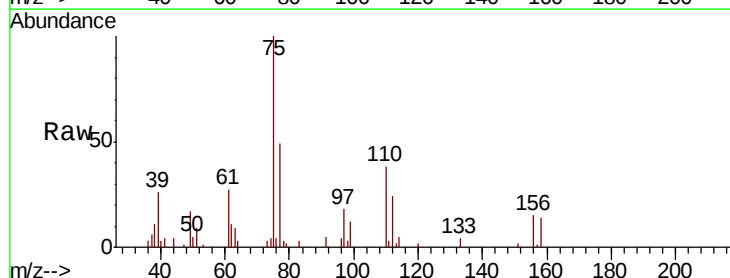
Acq: 20 Nov 2018 14:14

Tgt Ion: 75 Resp: 12303

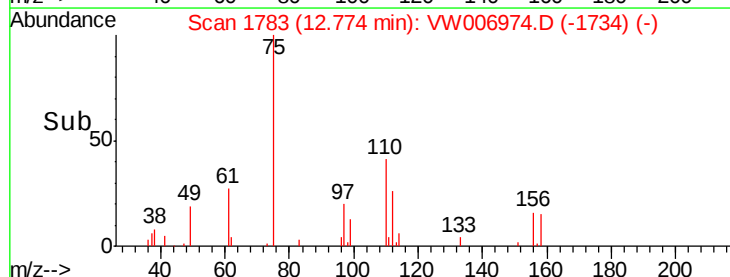
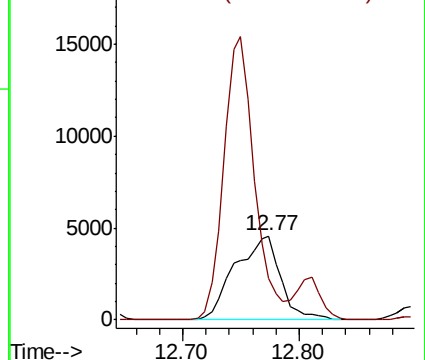
Ion Ratio Lower Upper

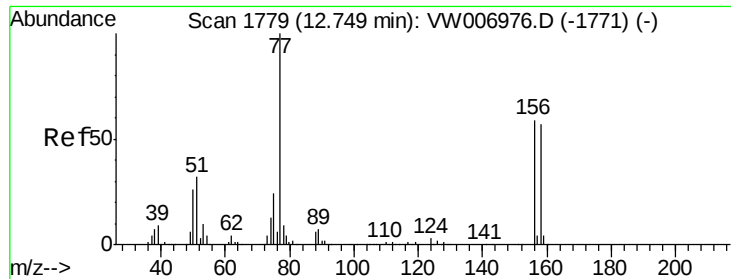
75 100

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

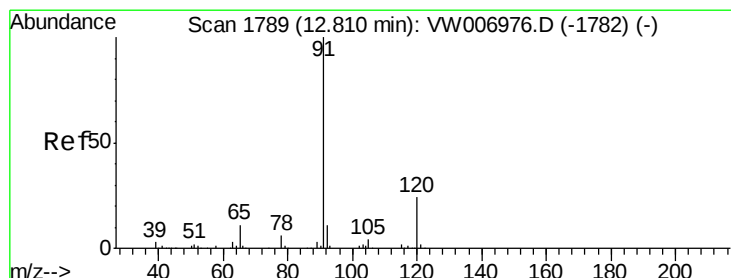
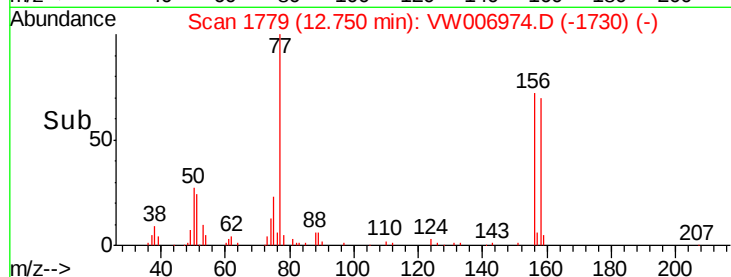
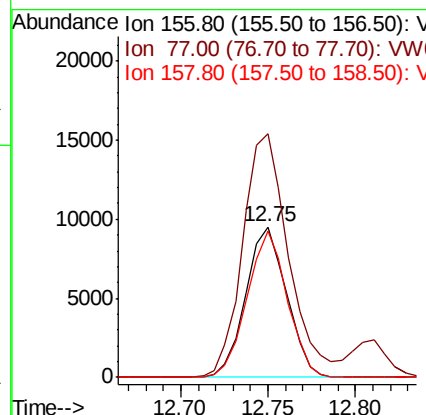
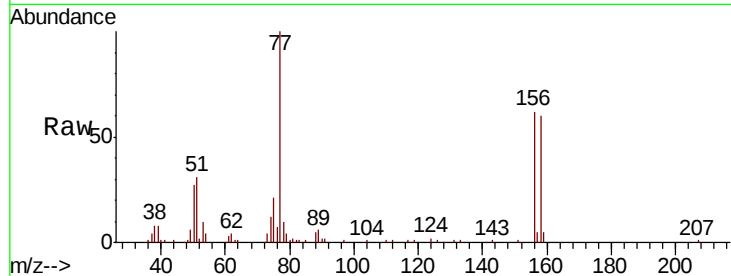




#77
Bromobenzene
Concen: 9.890 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

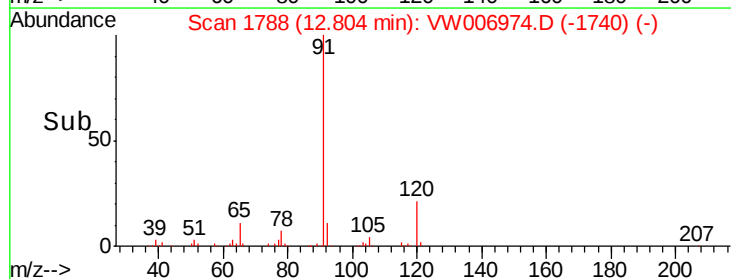
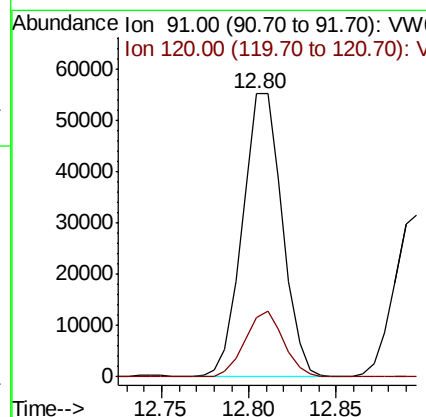
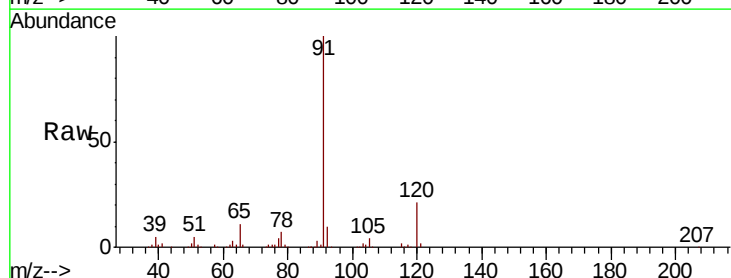
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

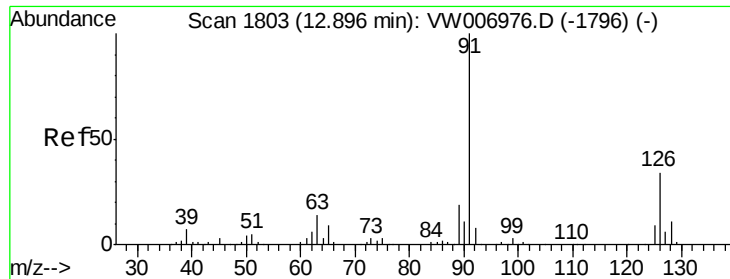
Tgt Ion:156 Resp: 15413
Ion Ratio Lower Upper
156 100
77 181.2 94.6 283.8
158 95.2 48.9 146.7



#78
n-propylbenzene
Concen: 9.942 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion: 91 Resp: 87387
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.1

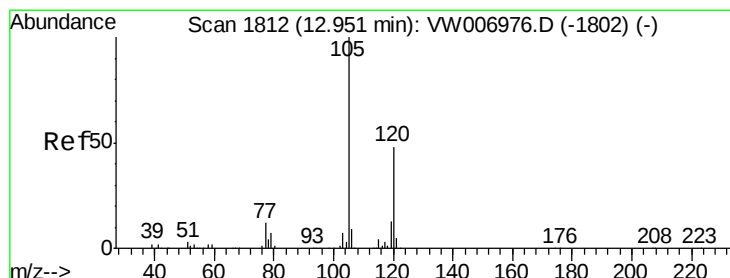
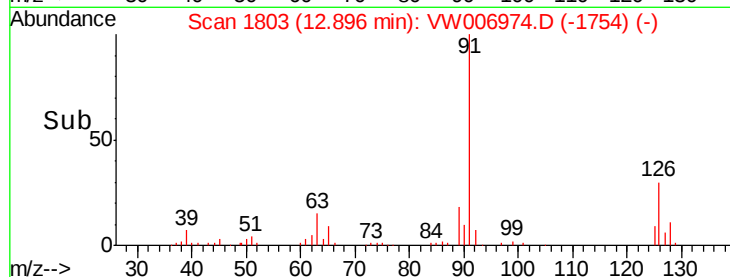
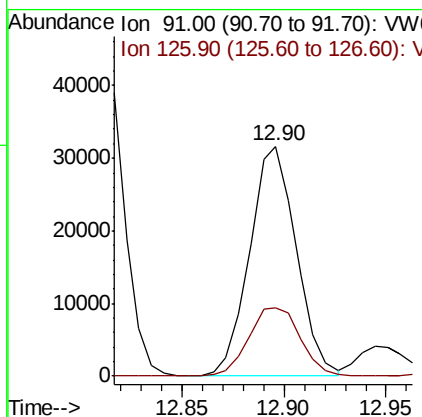
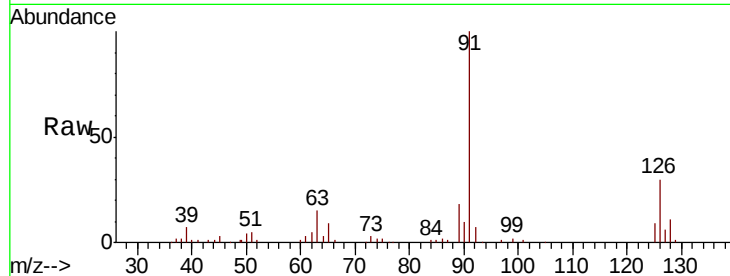




#79
 2-Chlorotoluene
 Concen: 9.908 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

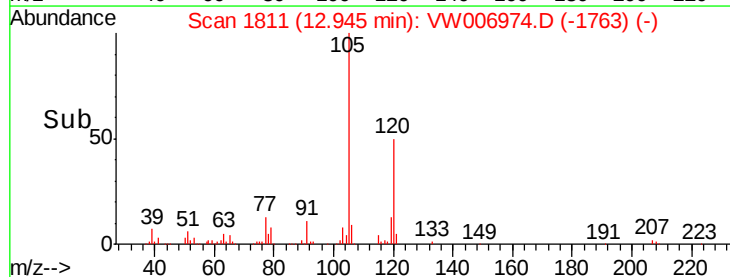
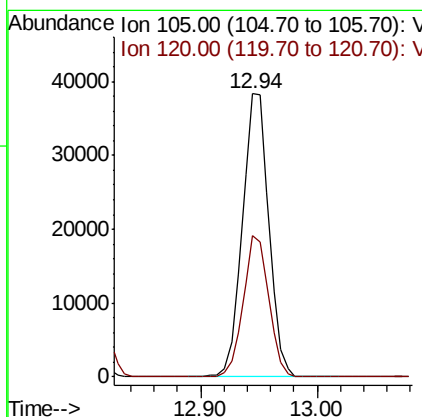
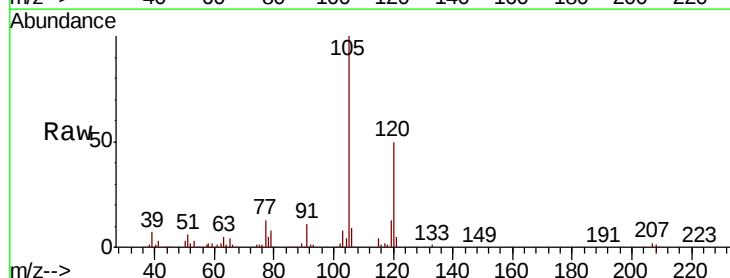
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

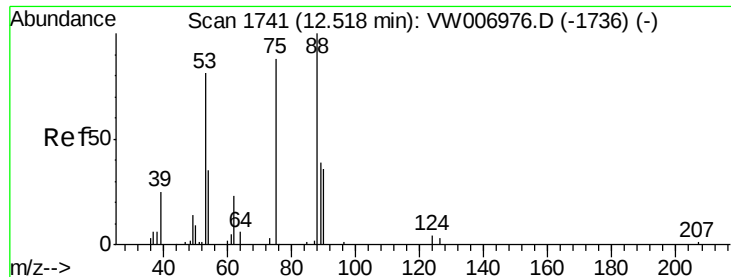
Tgt Ion: 91 Resp: 50213
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.7 50.0



#80
 1,3,5-Trimethylbenzene
 Concen: 9.692 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion: 105 Resp: 60813
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 9.404 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

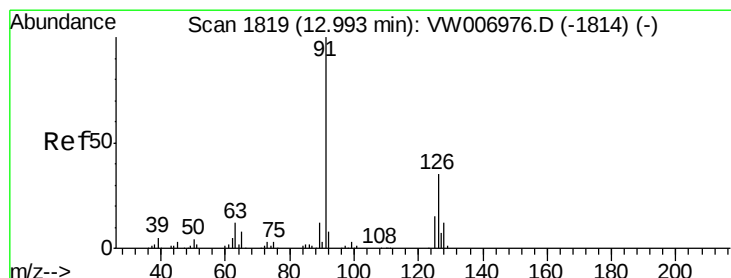
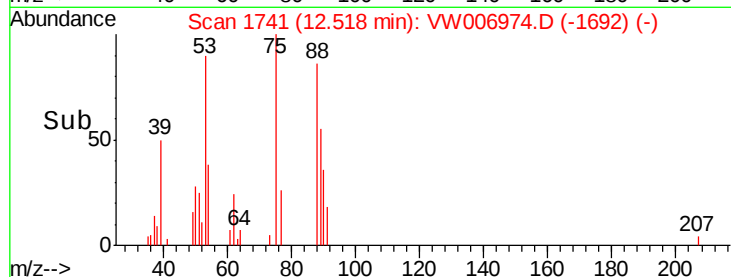
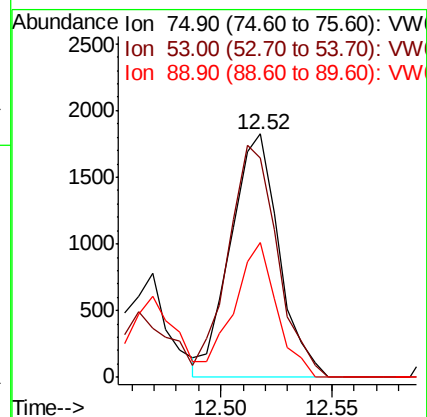
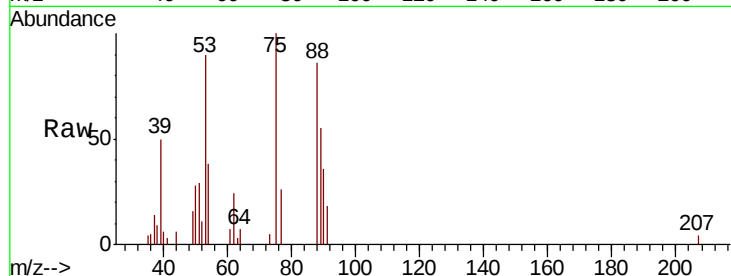
Tgt Ion: 75 Resp: 2748

Ion Ratio Lower Upper

75 100

53 97.7 77.6 116.4

89 48.4 39.3 58.9



#82

4-Chlorotoluene

Concen: 9.951 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006974.D

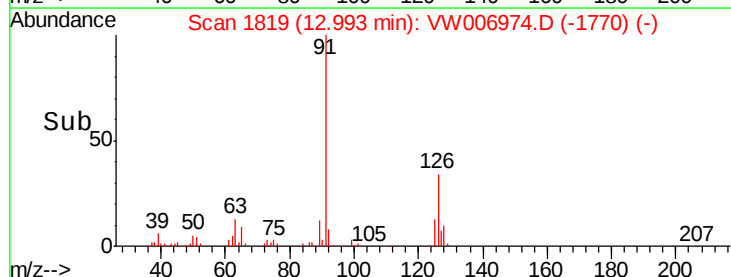
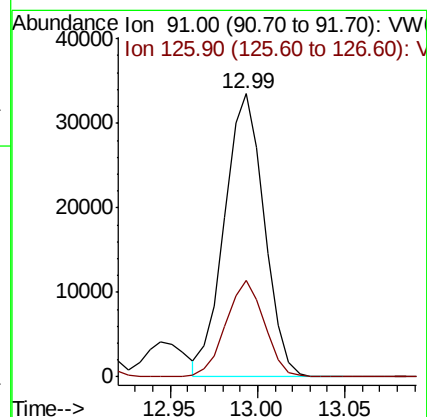
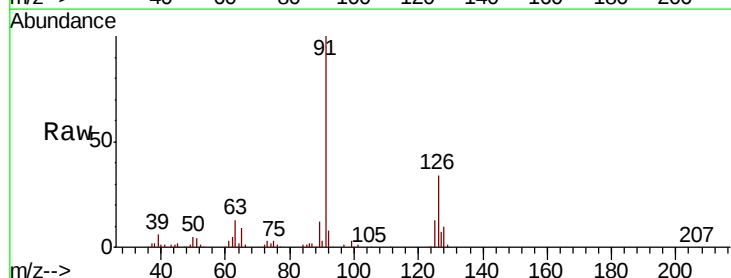
Acq: 20 Nov 2018 14:14

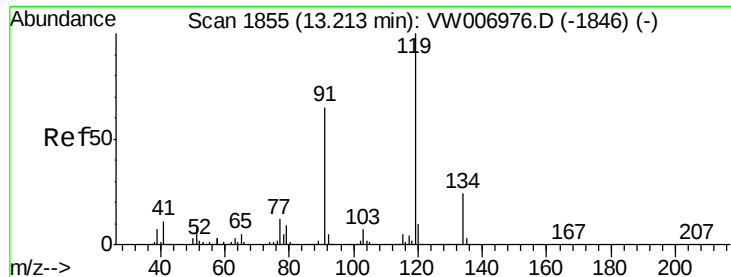
Tgt Ion: 91 Resp: 52920

Ion Ratio Lower Upper

91 100

126 33.0 16.6 49.7

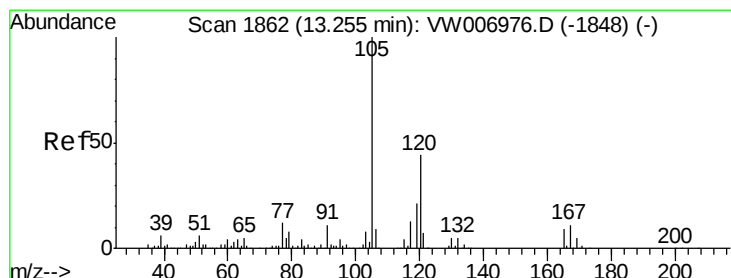
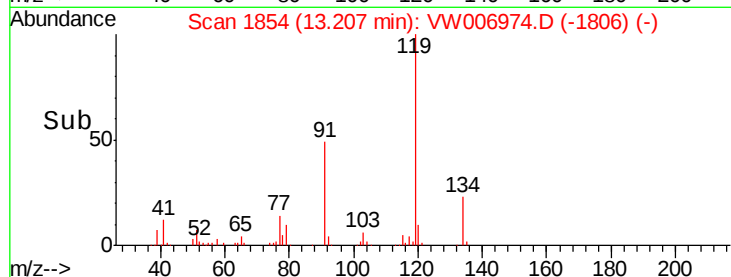
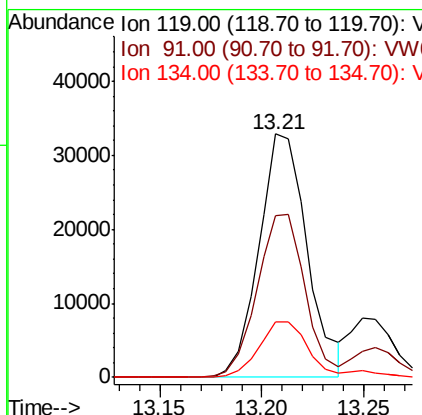
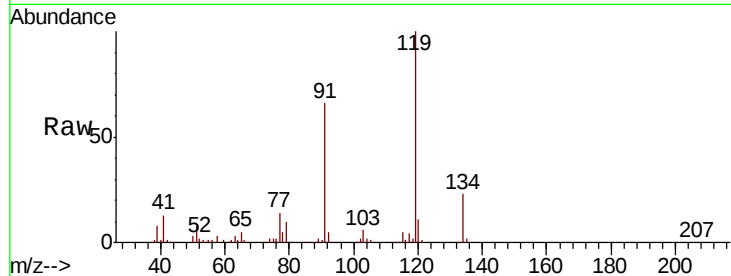




#83
 tert-Butylbenzene
 Concen: 9.974 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

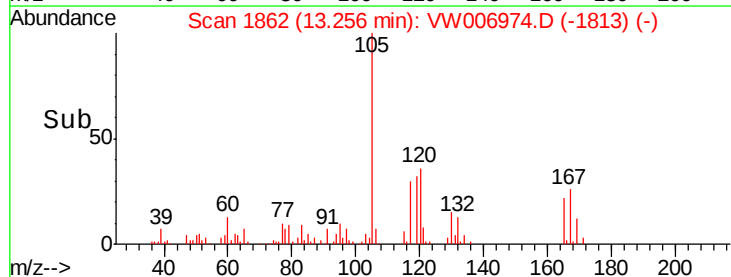
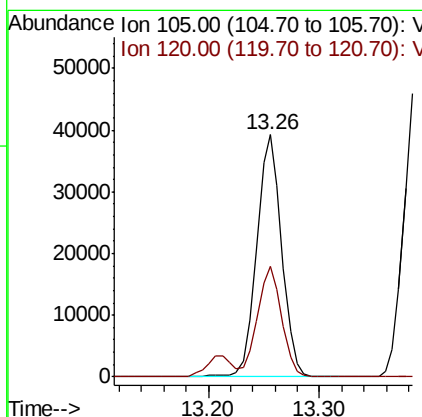
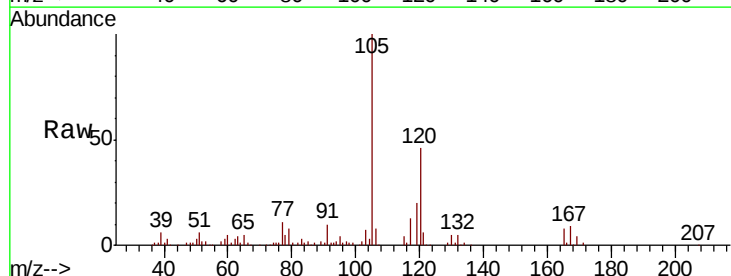
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

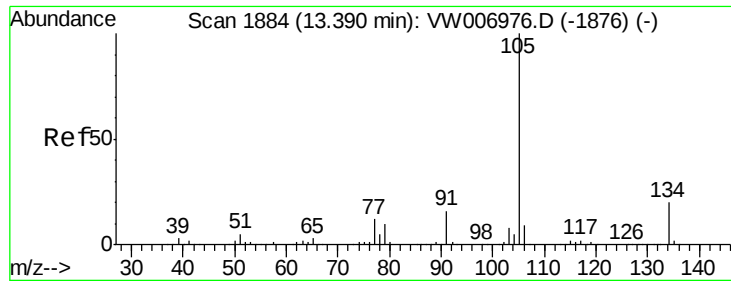
Tgt Ion:119 Resp: 54187
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.5 100.5
 134 24.6 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 9.747 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion:105 Resp: 60936
 Ion Ratio Lower Upper
 105 100
 120 44.9 21.8 65.3

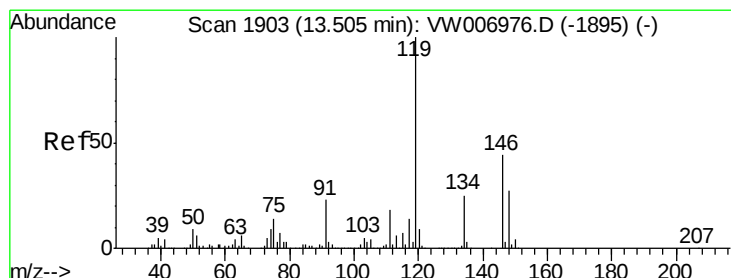
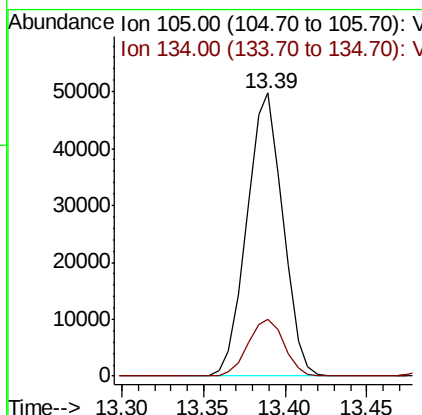
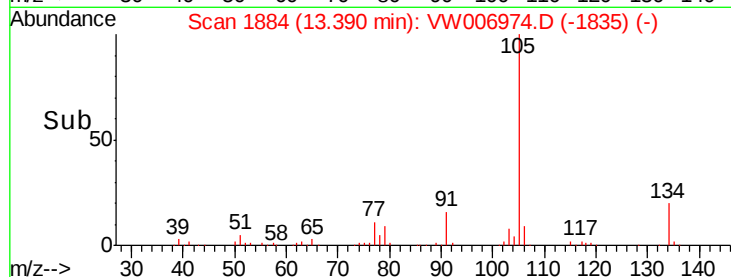
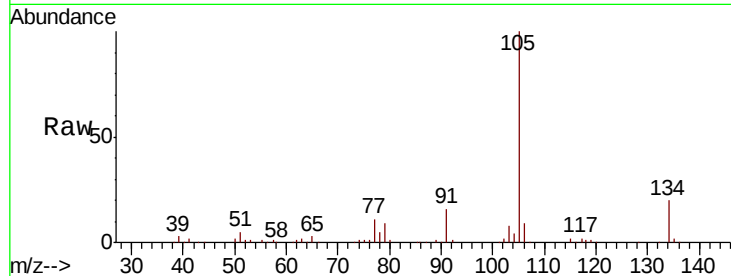




#85
 sec-Butylbenzene
 Concen: 9.972 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

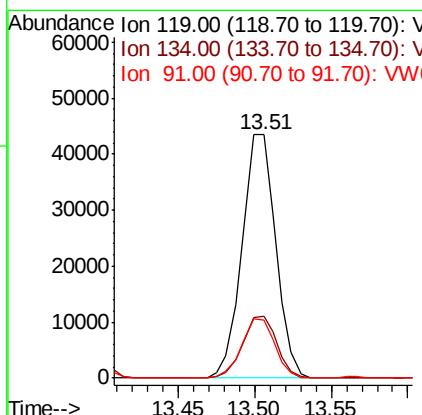
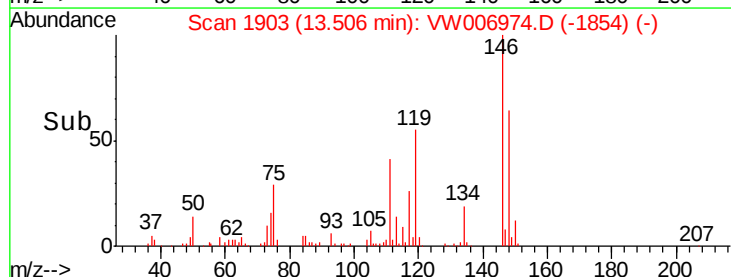
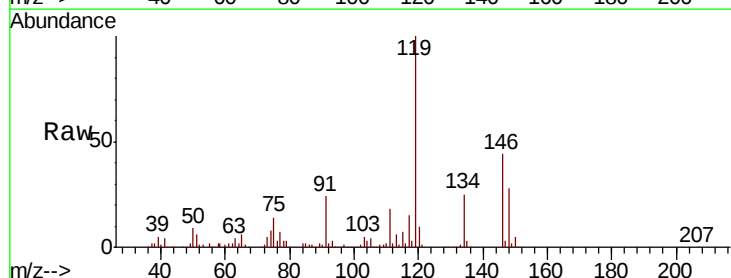
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

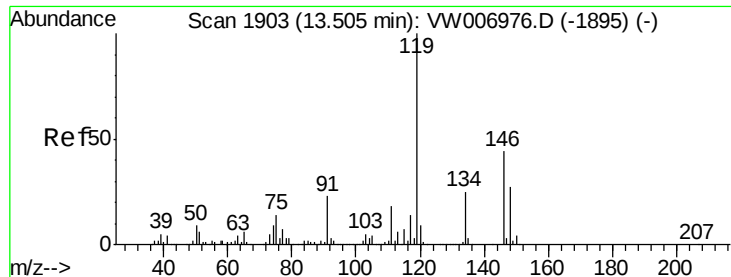
Tgt Ion:105 Resp: 76536
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 9.827 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion:119 Resp: 66540
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 24.3 12.2 36.6

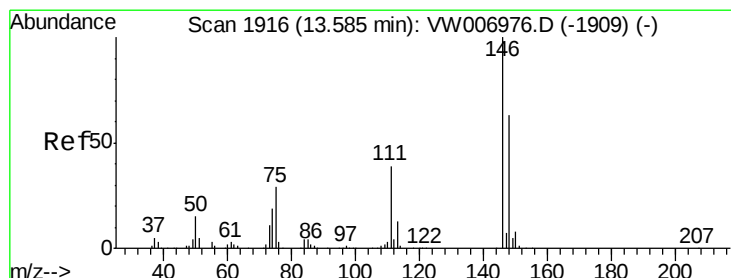
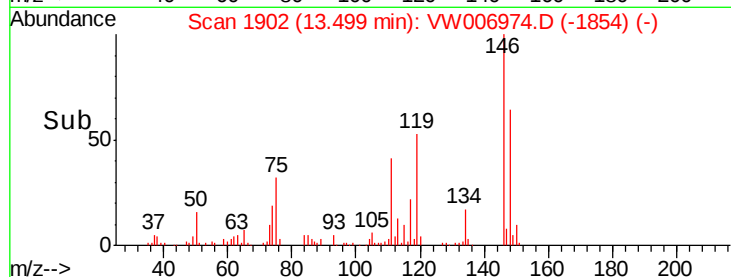
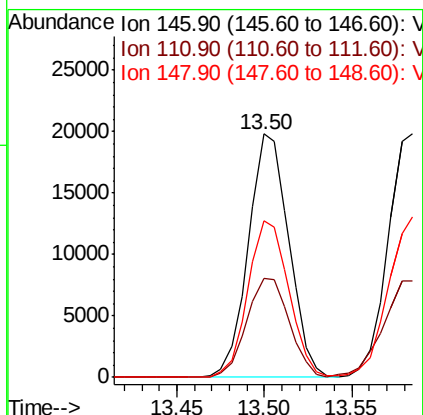
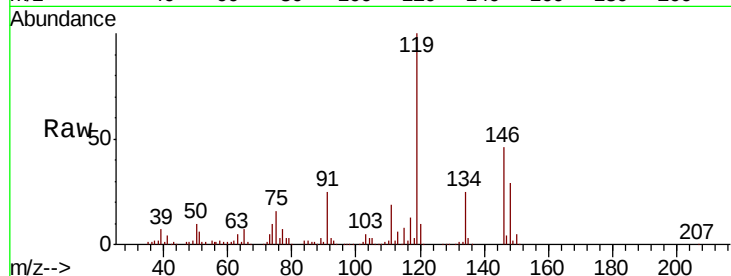




#87
 1,3-Dichlorobenzene
 Concen: 10.040 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

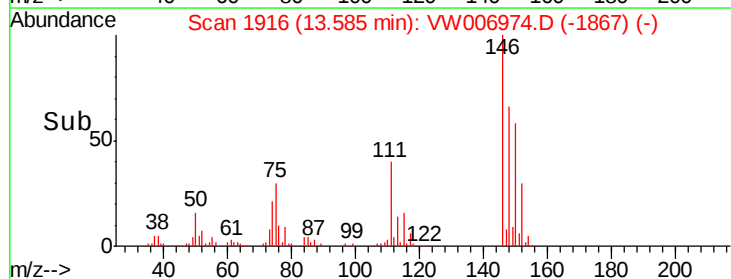
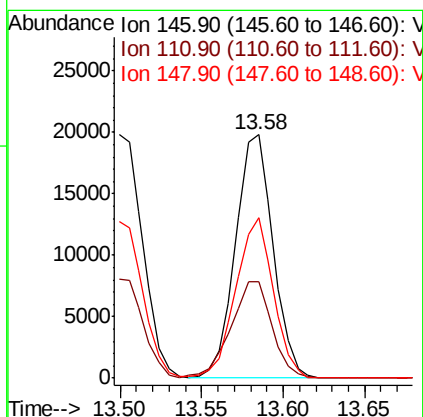
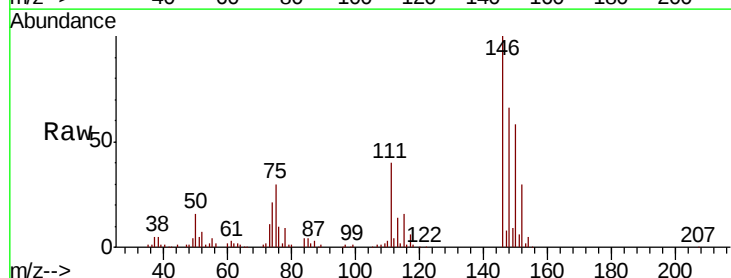
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

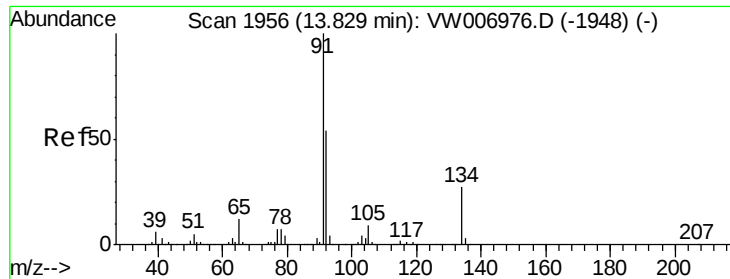
Tgt Ion:146 Resp: 31944
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.1 63.3
 148 64.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 10.041 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion:146 Resp: 31852
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.6 61.8
 148 65.8 32.3 96.8





#89

n-Butylbenzene

Concen: 9.869 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

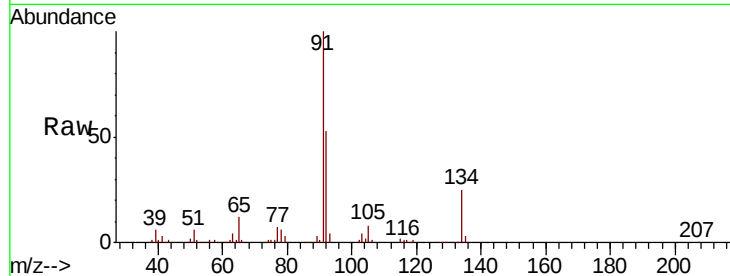
Tgt Ion: 91 Resp: 62884

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 25.9 13.3 39.8

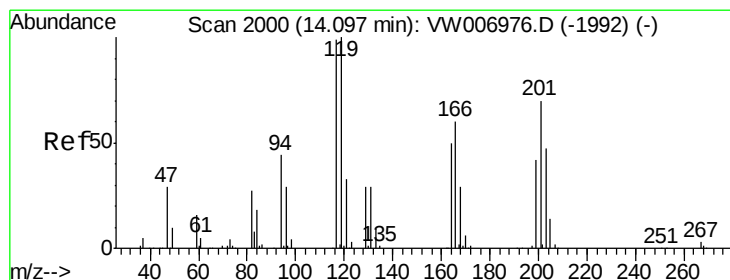
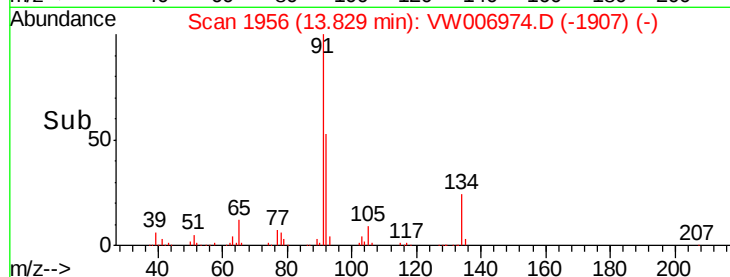
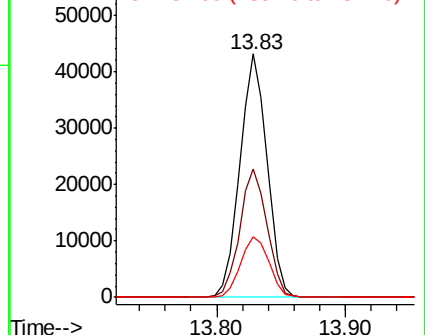


Abundance

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: 9.202 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006974.D

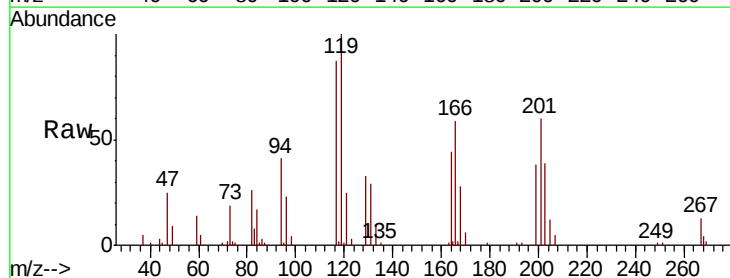
Acq: 20 Nov 2018 14:14

Tgt Ion: 117 Resp: 9096

Ion Ratio Lower Upper

117 100

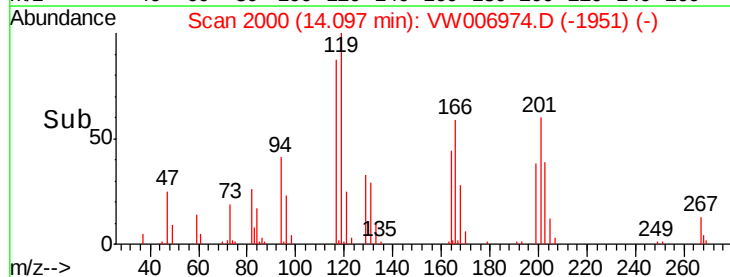
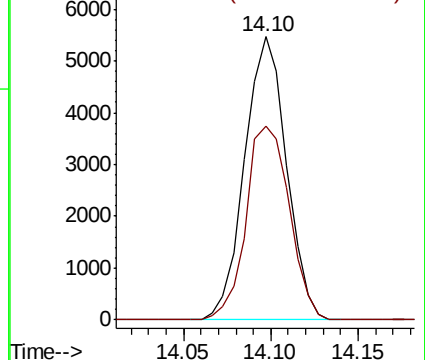
201 70.9 35.9 107.5

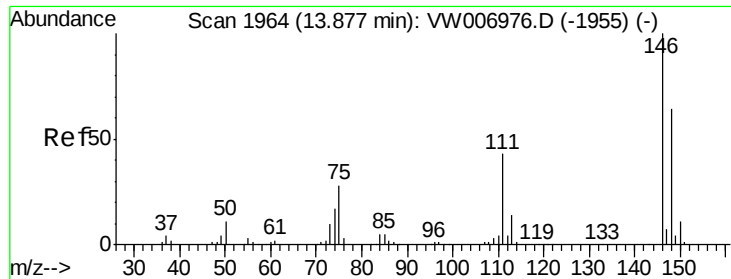


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 9.875 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

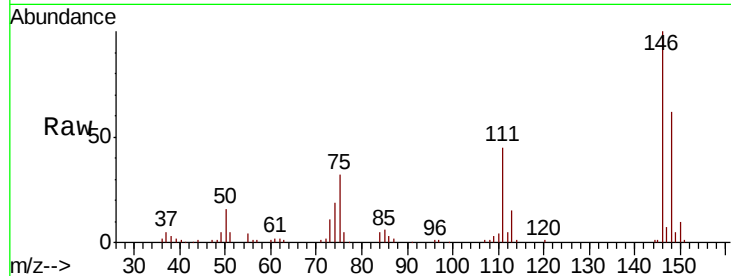
Tgt Ion:146 Resp: 27531

Ion Ratio Lower Upper

146 100

111 44.3 21.9 65.7

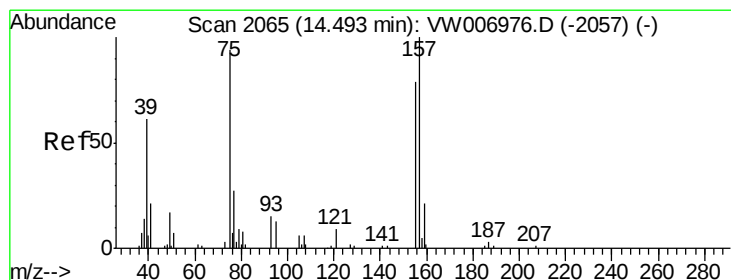
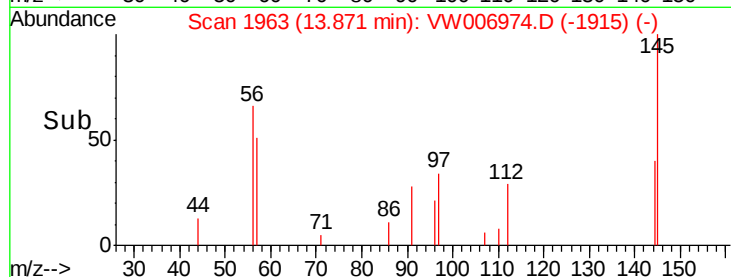
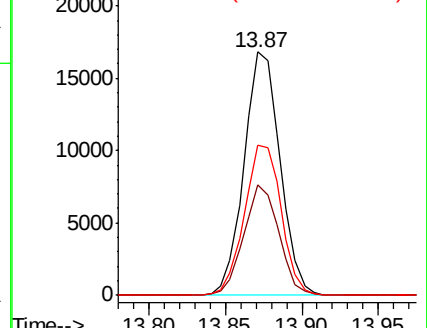
148 62.9 32.2 96.6



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: 10.000 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006974.D

Acq: 20 Nov 2018 14:14

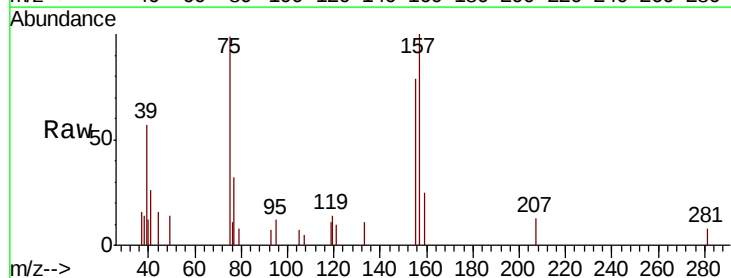
Tgt Ion: 75 Resp: 1631

Ion Ratio Lower Upper

75 100

155 75.7 42.6 127.8

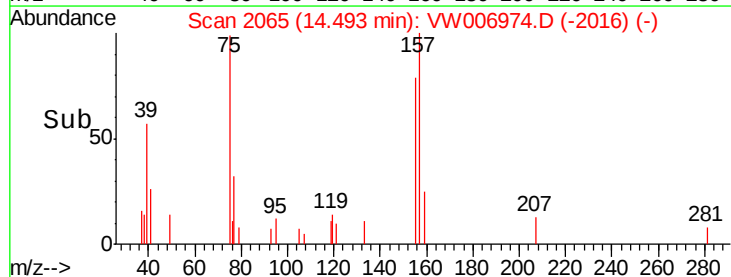
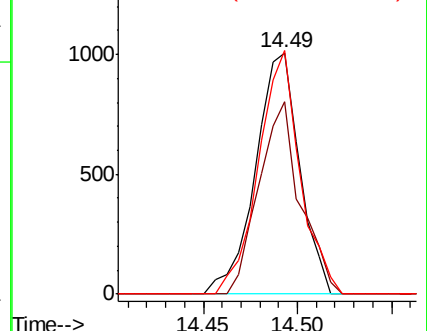
157 95.3 55.0 165.0

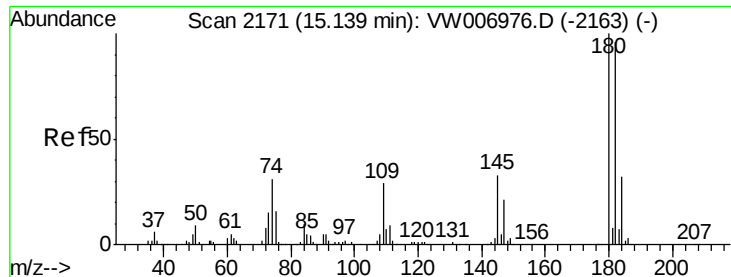


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

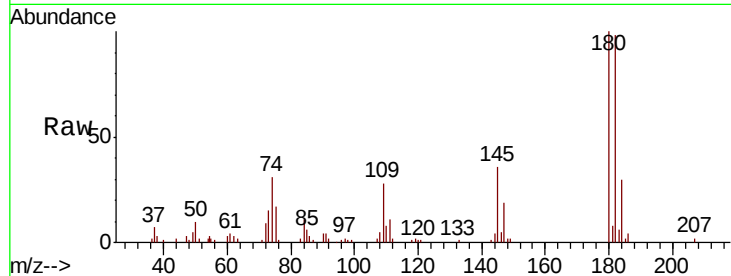




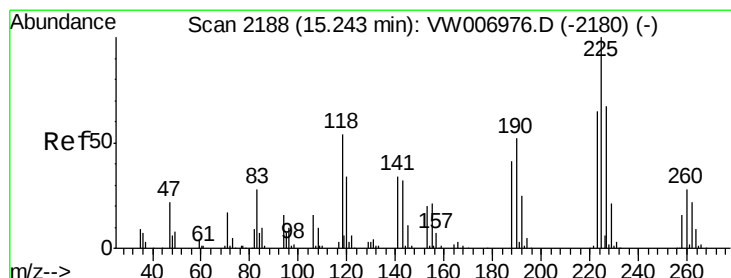
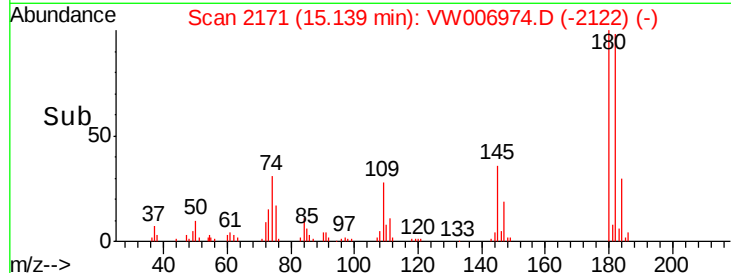
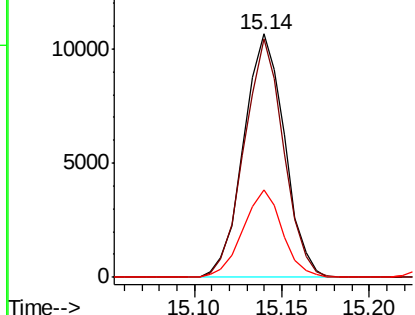
#93
 1,2,4-Trichlorobenzene
 Concen: 9.488 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 17443
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.1 141.3
 145 34.6 16.5 49.5

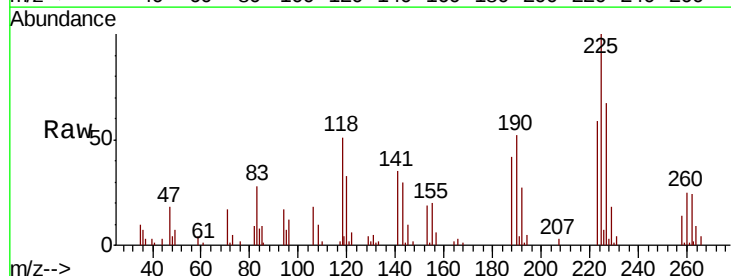


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

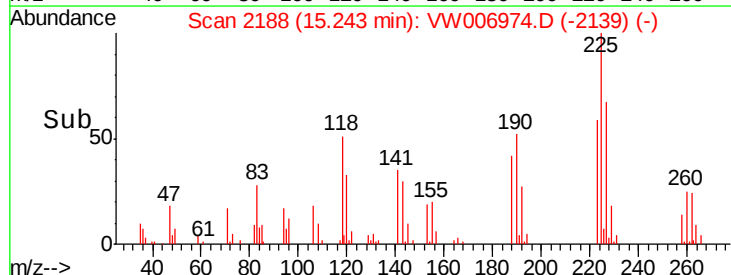
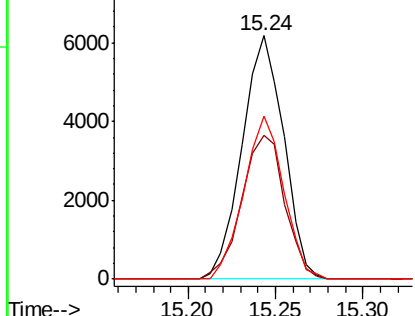


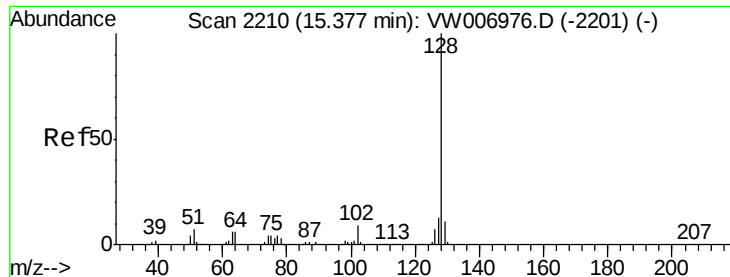
#94
 Hexachlorobutadiene
 Concen: 10.229 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006974.D
 Acq: 20 Nov 2018 14:14

Tgt Ion:225 Resp: 10223
 Ion Ratio Lower Upper
 225 100
 223 61.0 32.4 97.0
 227 64.0 31.9 95.5



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

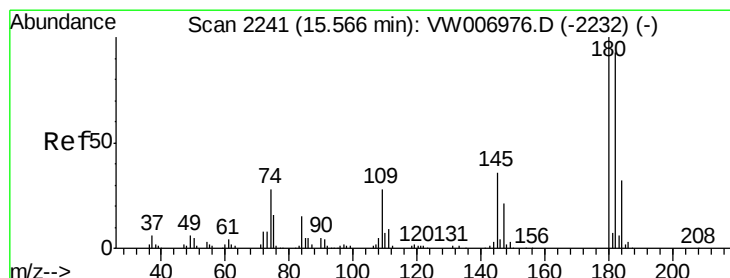
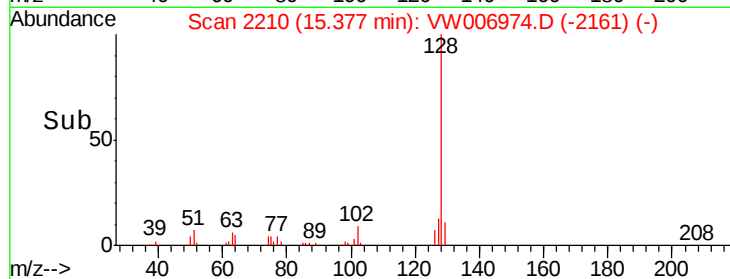
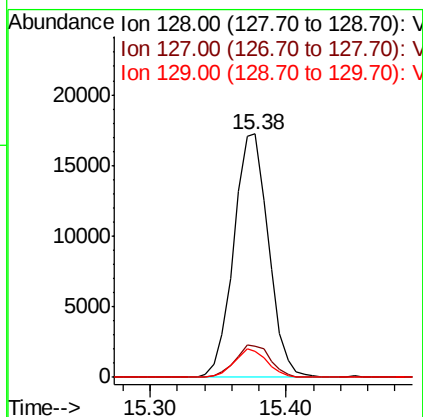
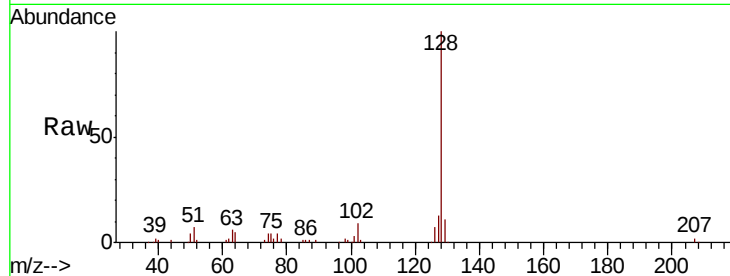




#95
Naphthalene
Concen: 9.200 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 30701
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.238 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006974.D
Acq: 20 Nov 2018 14:14

Tgt Ion:180 Resp: 14089
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.2
145 36.8 18.0 54.0

