

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006975.D
 Acq On : 20 Nov 2018 14:39
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 21 03:06:27 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	120711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	193113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	180631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25119	21.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.52%	
35) Dibromofluoromethane	7.89	113	21493	19.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.42%	
50) Toluene-d8	10.32	98	94241	19.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.14%	
62) 4-Bromofluorobenzene	12.62	95	37820	19.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	26168	21.956	ug/l	100
3) Chloromethane	2.21	50	20702	20.843	ug/l	100
4) Vinyl Chloride	2.36	62	19708	20.167	ug/l	97
5) Bromomethane	2.78	94	10106	19.375	ug/l	99
6) Chloroethane	2.92	64	10484	19.462	ug/l	92
7) Trichlorofluoromethane	3.26	101	40471	21.061	ug/l	97
8) Diethyl Ether	3.69	74	13600	21.965	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26338	21.142	ug/l	99
10) Methyl Iodide	4.28	142	26860	18.835	ug/l	99
11) Tert butyl alcohol	5.22	59	8130	107.215	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	21968	20.106	ug/l	95
13) Acrolein	3.91	56	9721	123.039	ug/l	100
14) Allyl chloride	4.68	41	36819	20.317	ug/l	99
15) Acrylonitrile	5.38	53	23959	102.953	ug/l	97
16) Acetone	4.15	43	17407	101.450	ug/l	93
17) Carbon Disulfide	4.38	76	69903	19.789	ug/l	98
18) Methyl Acetate	4.68	43	12482	20.428	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	62539	21.921	ug/l	97
20) Methylene Chloride	4.92	84	32962	19.438	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	26532	20.846	ug/l	95
22) Diisopropyl ether	6.32	45	74888	21.231	ug/l	96
23) Vinyl Acetate	6.26	43	201487	107.567	ug/l	99
24) 1,1-Dichloroethane	6.23	63	43996	20.503	ug/l	99
25) 2-Butanone	7.18	43	30777	104.729	ug/l	99
26) 2,2-Dichloropropane	7.17	77	40457	20.966	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	27377	20.199	ug/l	98
28) Bromochloromethane	7.52	49	15227	18.986	ug/l #	98
29) Tetrahydrofuran	7.54	42	20116	105.692	ug/l	99
30) Chloroform	7.68	83	46155	20.246	ug/l	97
31) Cyclohexane	7.96	56	48797	21.440	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	44100	21.477	ug/l	98
36) 1,1-Dichloropropene	8.09	75	40263	21.336	ug/l	99
37) Ethyl Acetate	7.26	43	14681	21.468	ug/l	98
38) Carbon Tetrachloride	8.07	117	37682	20.852	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	47938	20.299	ug/l	99
40) Benzene	8.33	78	103281	20.275	ug/l	99
41) Methacrylonitrile	7.49	41	9602	22.610	ug/l	89
42) 1,2-Dichloroethane	8.40	62	30123	20.368	ug/l	100
43) Isopropyl Acetate	8.43	43	26859	20.611	ug/l	99
44) Trichloroethene	9.09	130	29381	20.575	ug/l	98
45) 1,2-Dichloropropane	9.37	63	25891	20.619	ug/l	98
46) Dibromomethane	9.46	93	13008	20.686	ug/l	96
47) Bromodichloromethane	9.65	83	35097	21.184	ug/l	99
48) Methyl methacrylate	9.44	41	12197	19.411	ug/l	98
49) 1,4-Dioxane	9.48	88	3731	399.190	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	67331	102.239	ug/l	99
52) Toluene	10.39	92	67531	19.480	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	32508	20.255	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	40289	20.778	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	19265	20.823	ug/l	96
56) Ethyl methacrylate	10.65	69	21136	19.681	ug/l	98
57) 1,3-Dichloropropane	10.93	76	31834	20.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	61158	108.980	ug/l	99
59) 2-Hexanone	10.97	43	46509	103.129	ug/l	99
60) Dibromochloromethane	11.13	129	21768	20.649	ug/l	100
61) 1,2-Dibromoethane	11.24	107	17298	20.439	ug/l	98
64) Tetrachloroethene	10.87	164	22807	19.627	ug/l	95
65) Chlorobenzene	11.66	112	75022	19.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	23476	20.585	ug/l	99
67) Ethyl Benzene	11.73	91	138214	19.956	ug/l	98
68) m/p-Xylenes	11.84	106	109980	40.476	ug/l	98
69) o-Xylene	12.17	106	51374	20.052	ug/l	100
70) Styrene	12.18	104	81520	19.991	ug/l	100
71) Bromoform	12.35	173	11037	20.543	ug/l #	100
73) Isopropylbenzene	12.47	105	140744	19.761	ug/l	99
74) N-amyl acetate	12.27	43	23579	19.753	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	19233	20.291	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26309	22.181	ug/l #	100
77) Bromobenzene	12.75	156	30891	20.194	ug/l	96
78) n-propylbenzene	12.81	91	170492	19.762	ug/l	99
79) 2-Chlorotoluene	12.90	91	97710	19.643	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	121339	19.701	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5624	19.608	ug/l	94
82) 4-Chlorotoluene	12.99	91	102972	19.726	ug/l	100
83) tert-Butylbenzene	13.21	119	104970	19.686	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	122005	19.883	ug/l	99
85) sec-Butylbenzene	13.39	105	150134	19.930	ug/l	99
86) p-Isopropyltoluene	13.50	119	132551	19.945	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	61965	19.842	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	62544	20.087	ug/l	98
89) n-Butylbenzene	13.83	91	123072	19.679	ug/l	100
90) Hexachloroethane	14.10	117	18206	18.764	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	55097	20.135	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3341	20.871	ug/l	90

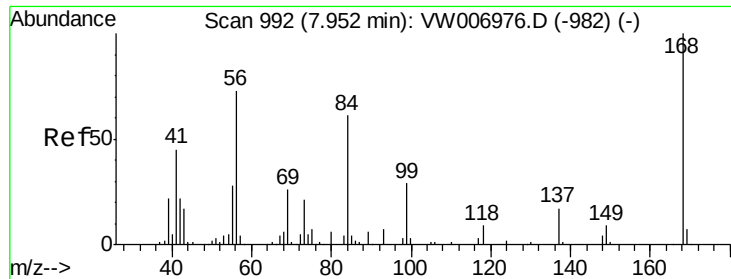
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35100	19.452	ug/l	99
94) Hexachlorobutadiene	15.24	225	19278	19.652	ug/l	98
95) Naphthalene	15.38	128	63145	19.278	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	29391	19.633	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: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

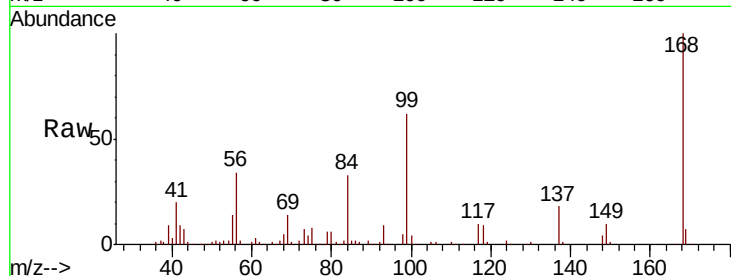
VSTDIC020

Tgt Ion: 168 Resp: 120711

Ion Ratio Lower Upper

168 100

99 61.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

20000

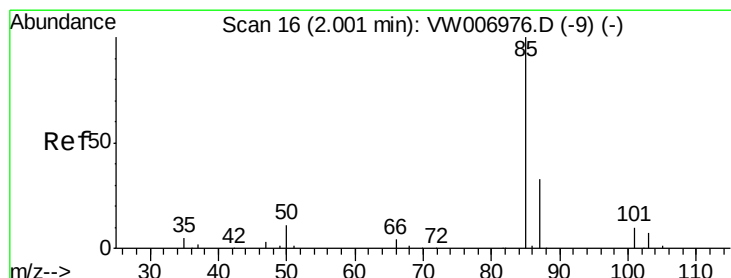
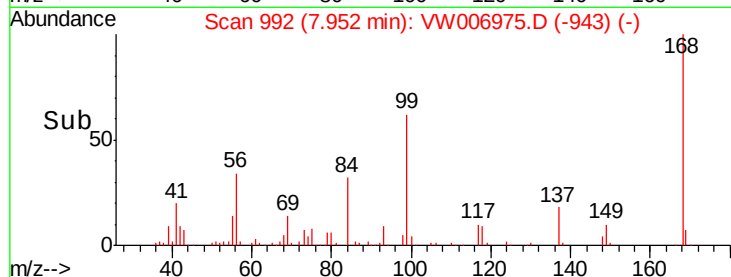
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.956 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006975.D

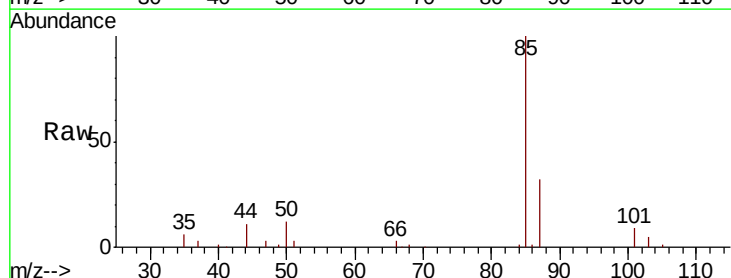
Acq: 20 Nov 2018 14:39

Tgt Ion: 85 Resp: 26168

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

15000

10000

5000

0

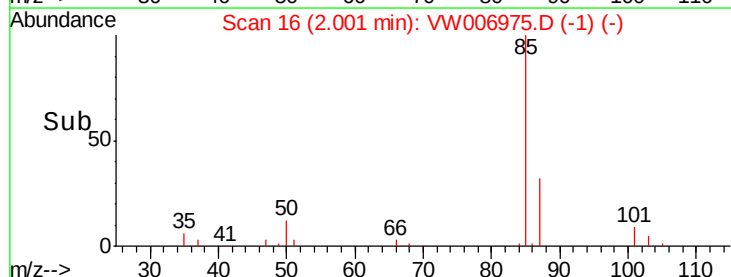
1.95

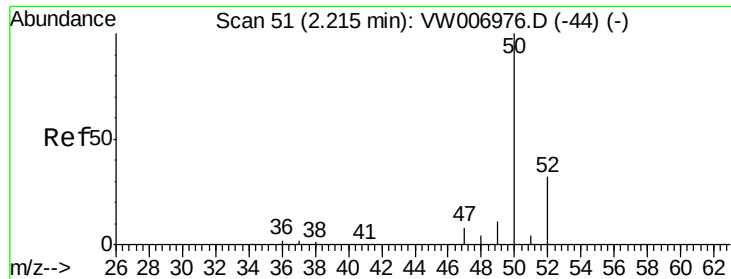
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 20.843 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

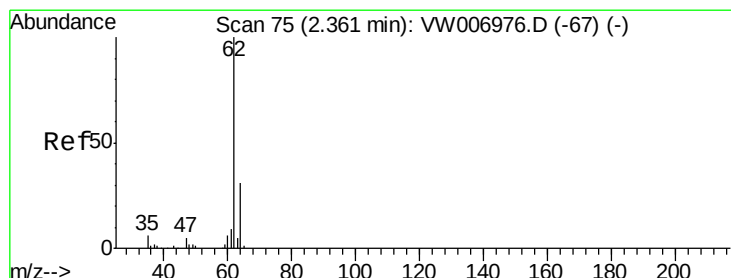
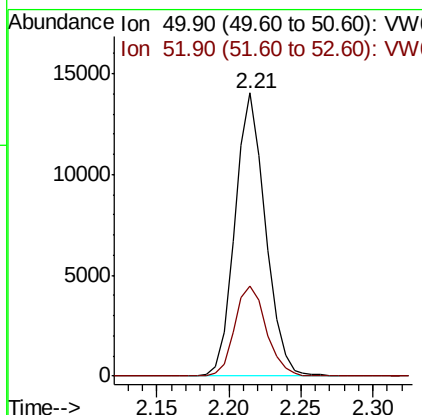
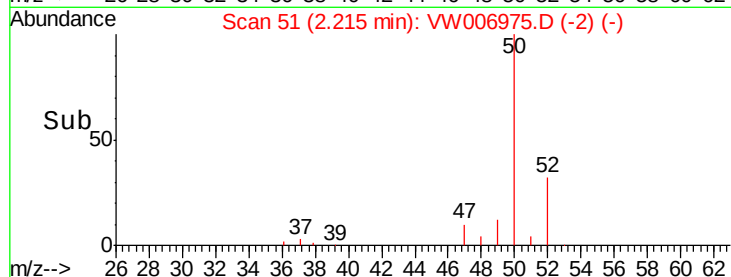
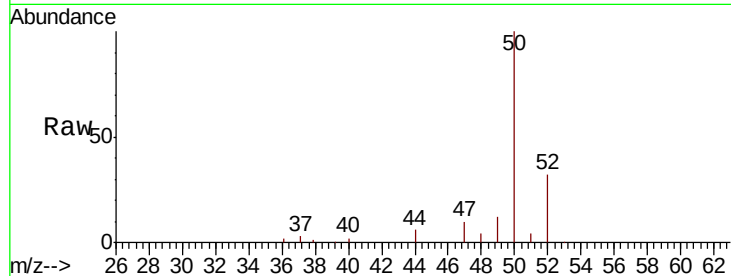
VSTDIC020

Tgt Ion: 50 Resp: 20702

Ion Ratio Lower Upper

50 100

52 31.9 25.7 38.5



#4

Vinyl Chloride

Concen: 20.167 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006975.D

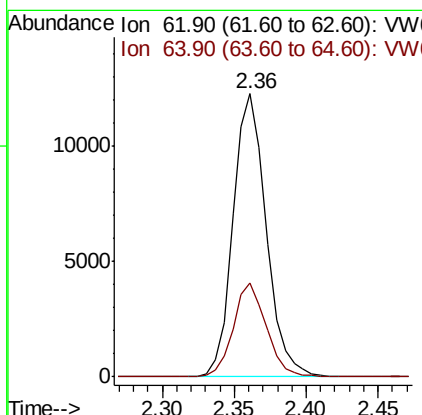
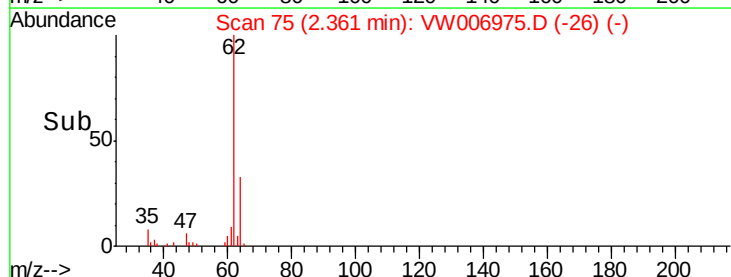
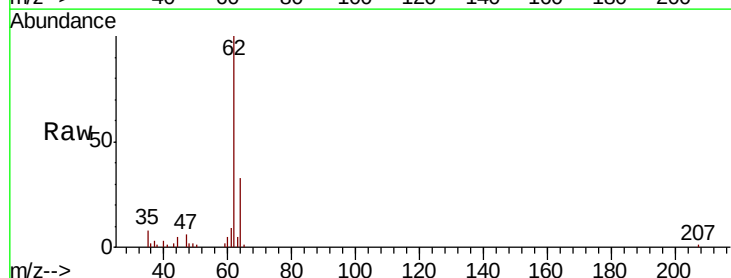
Acq: 20 Nov 2018 14:39

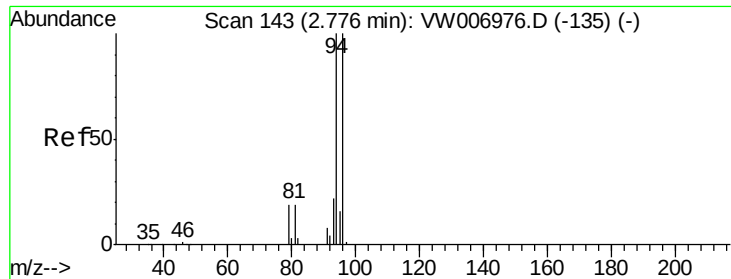
Tgt Ion: 62 Resp: 19708

Ion Ratio Lower Upper

62 100

64 33.3 25.2 37.8





#5

Bromomethane

Concen: 19.375 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

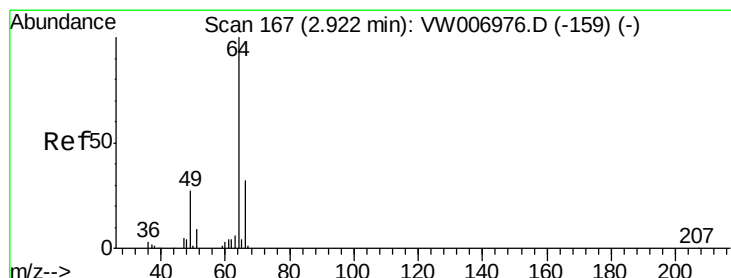
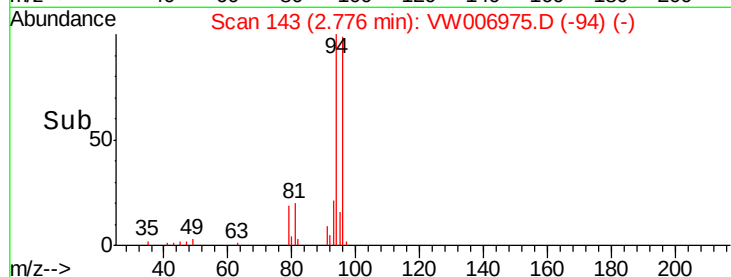
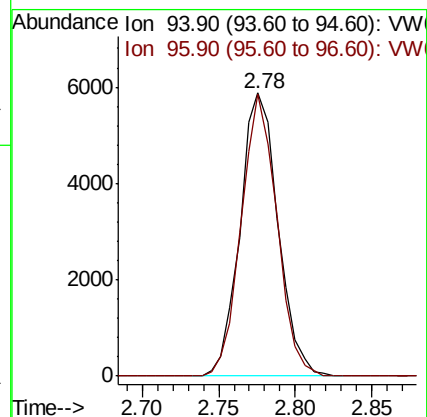
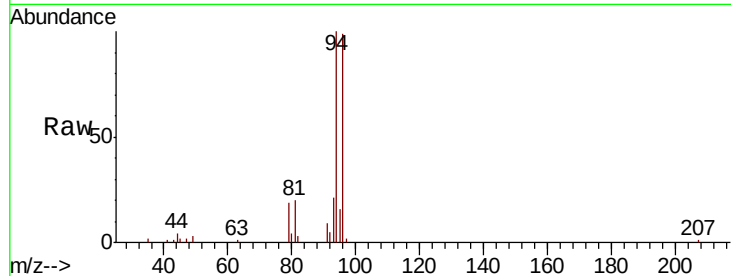
VSTDIC020

Tgt Ion: 94 Resp: 10106

Ion Ratio Lower Upper

94 100

96 99.5 80.2 120.2



#6

Chloroethane

Concen: 19.462 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006975.D

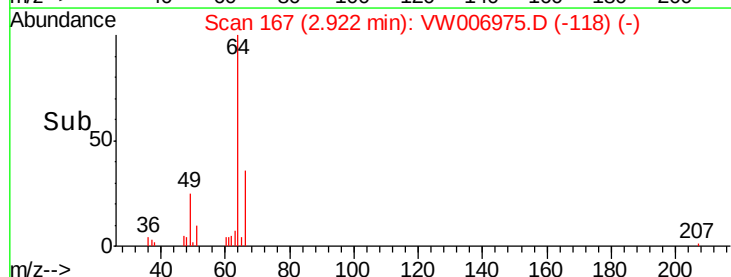
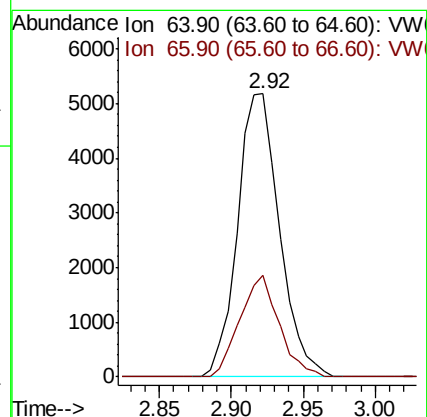
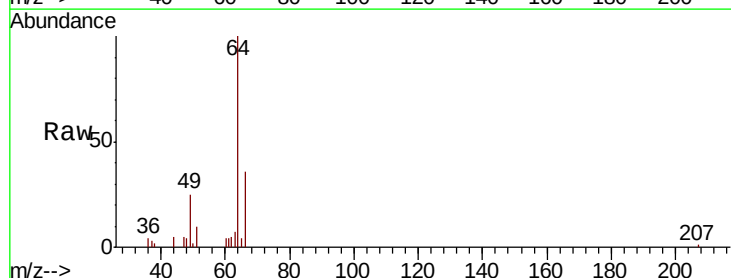
Acq: 20 Nov 2018 14:39

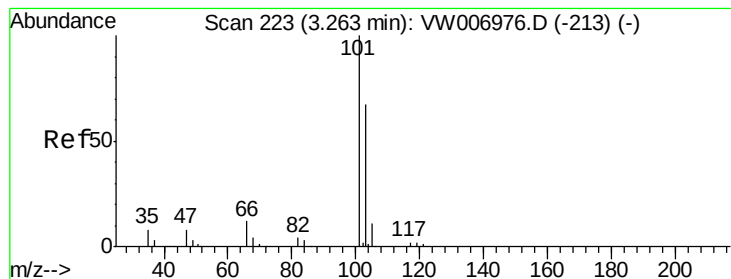
Tgt Ion: 64 Resp: 10484

Ion Ratio Lower Upper

64 100

66 35.8 25.3 37.9



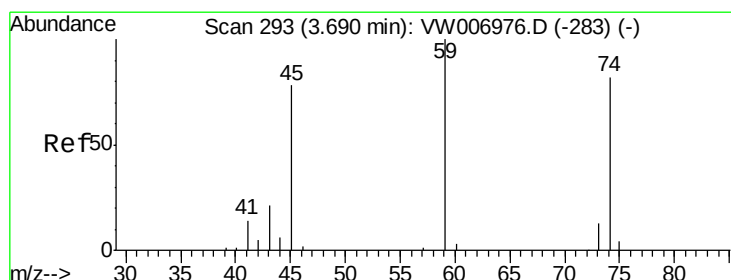
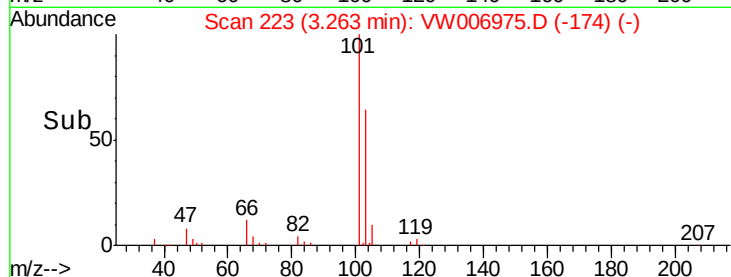
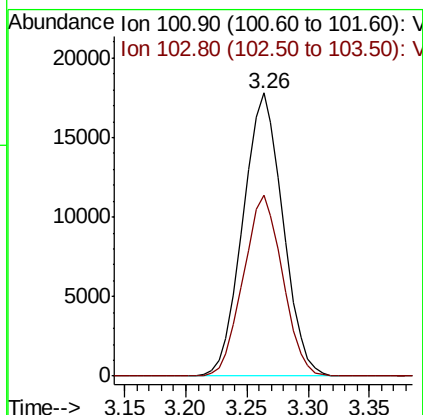
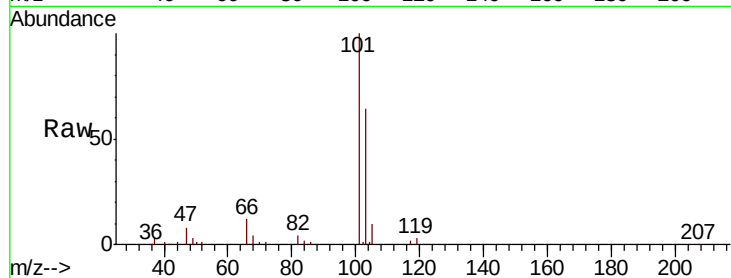


#7

Trichlorofluoromethane
 Concen: 21.061 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
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 ClientSampleId :
 VSTDIC020

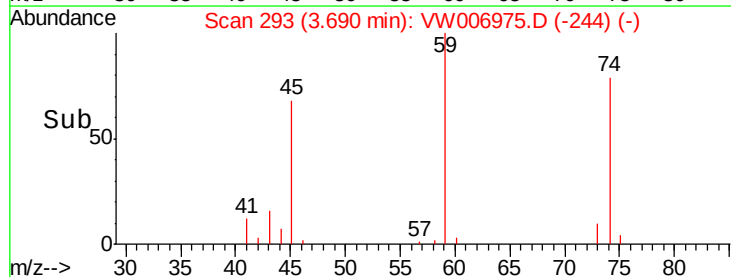
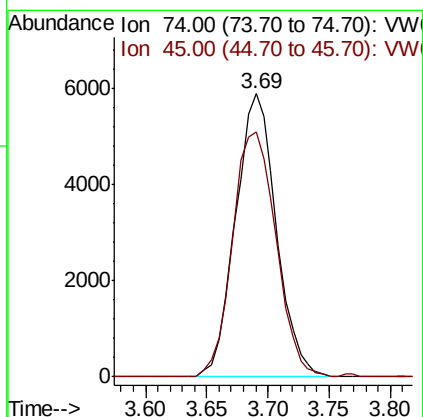
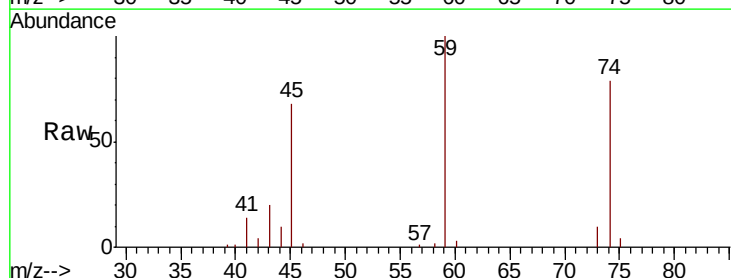
Tgt Ion: 101 Resp: 40471
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.4 80.2

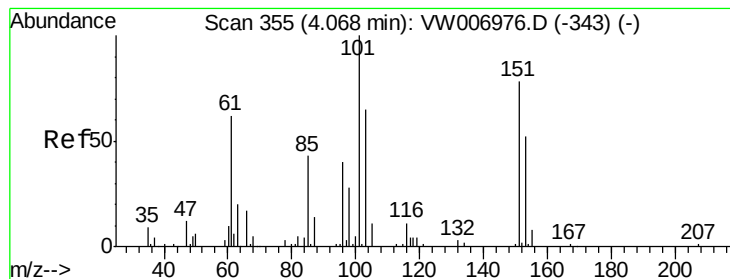


#8

Diethyl Ether
 Concen: 21.965 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 74 Resp: 13600
 Ion Ratio Lower Upper
 74 100
 45 92.2 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.142 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

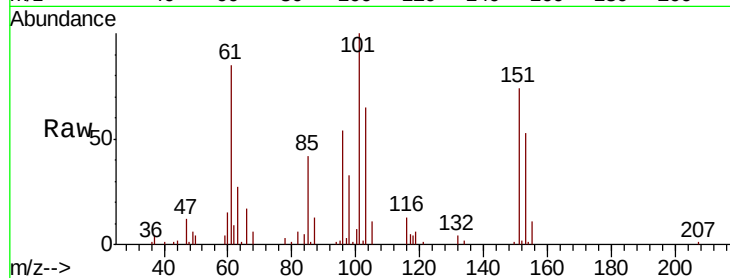
Tgt Ion:101 Resp: 26338

Ion Ratio Lower Upper

101 100

85 44.1 34.3 51.5

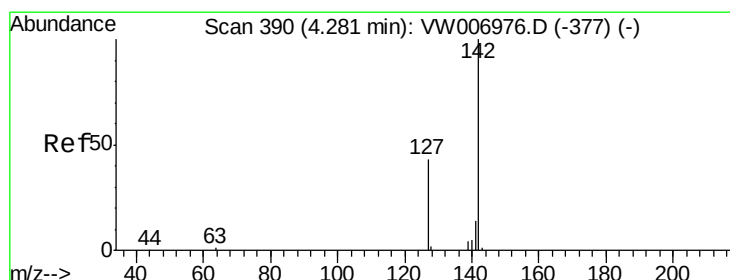
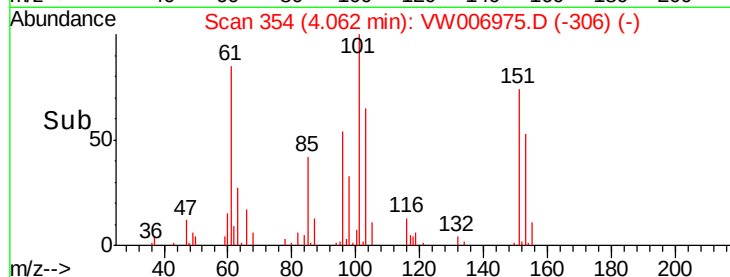
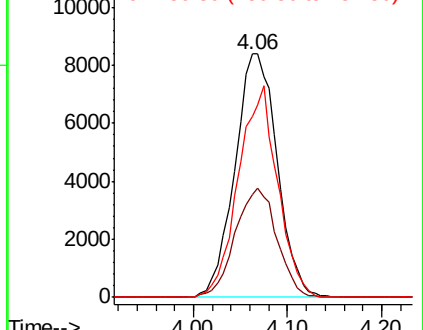
151 80.4 63.4 95.2



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: 18.835 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

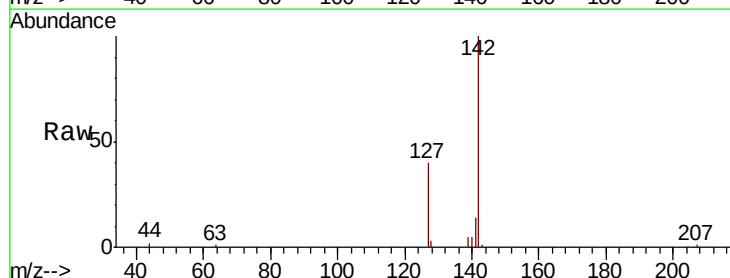
Tgt Ion:142 Resp: 26860

Ion Ratio Lower Upper

142 100

127 43.6 35.3 52.9

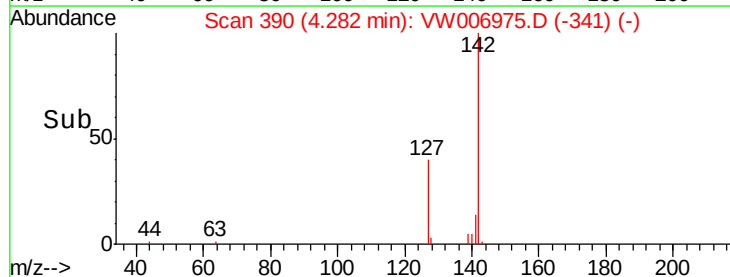
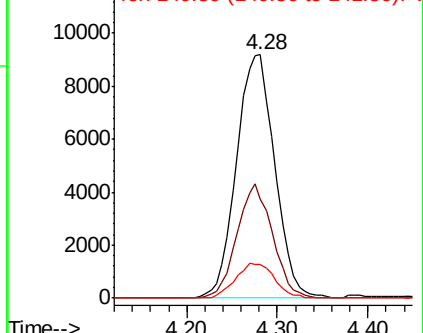
141 14.3 11.7 17.5

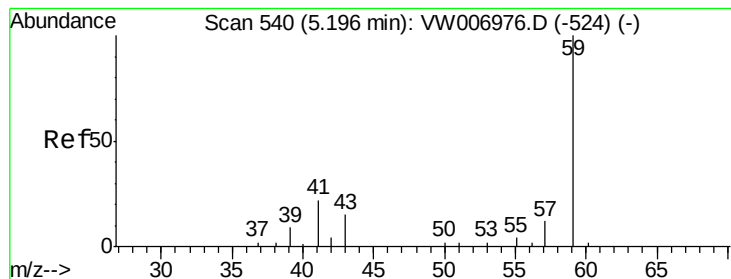


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



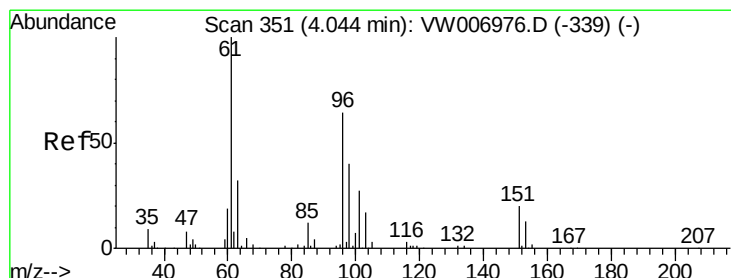
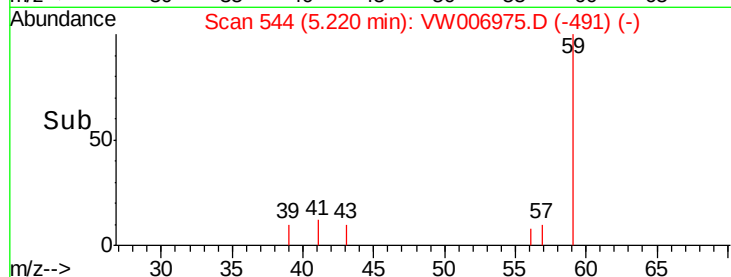
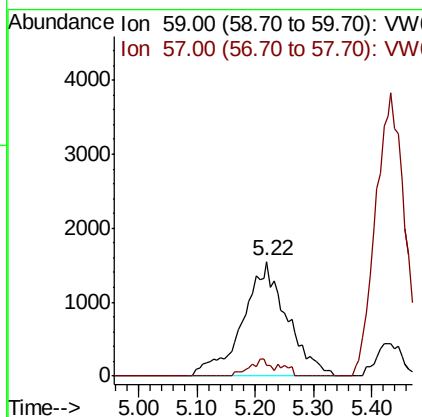
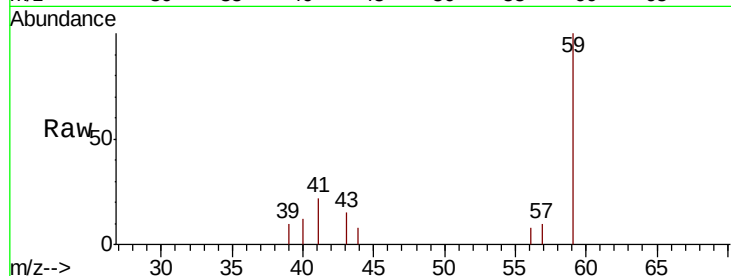


#11

Tert butyl alcohol
 Concen: 107.215 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.02 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

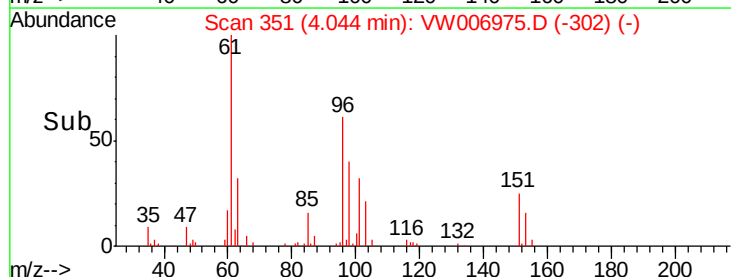
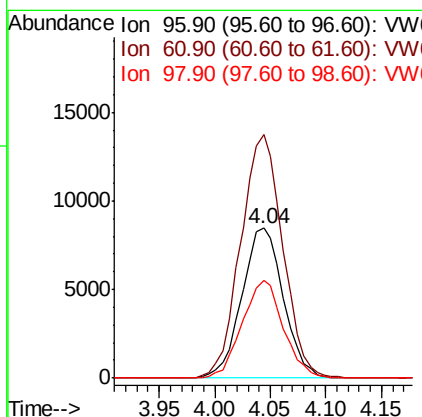
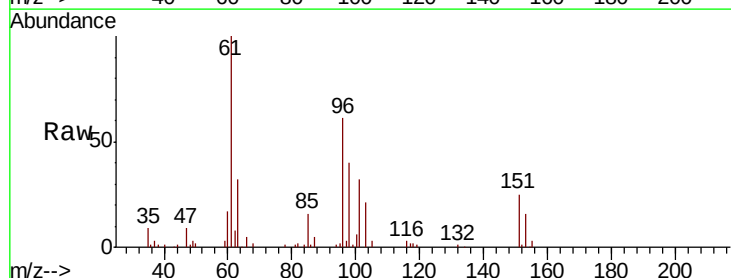
Tgt Ion: 59 Resp: 8130
 Ion Ratio Lower Upper
 59 100
 57 6.8 8.6 13.0#

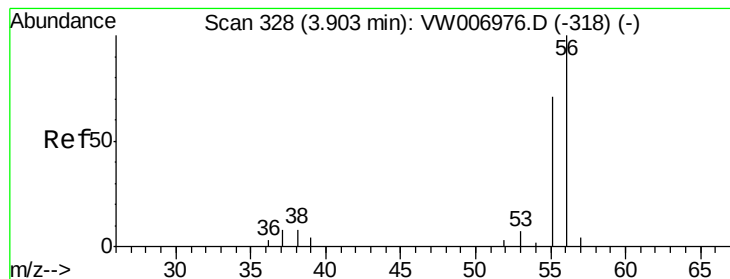


#12

1,1-Dichloroethene
 Concen: 20.106 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 96 Resp: 21968
 Ion Ratio Lower Upper
 96 100
 61 162.7 124.3 186.5
 98 65.6 49.4 74.2





#13

Acrolein

Concen: 123.039 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

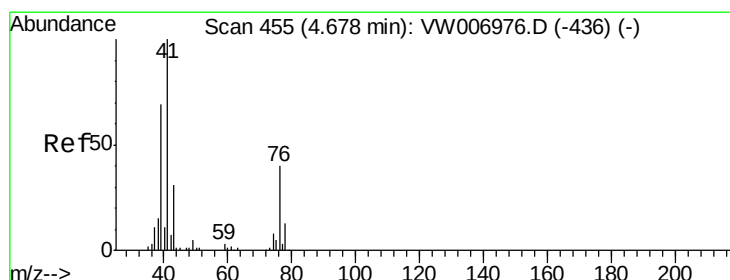
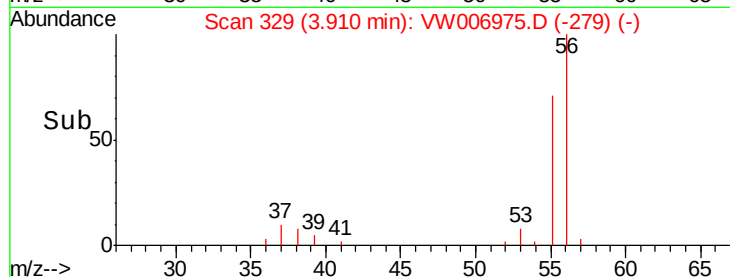
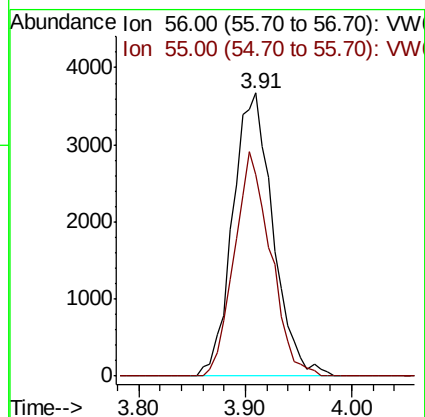
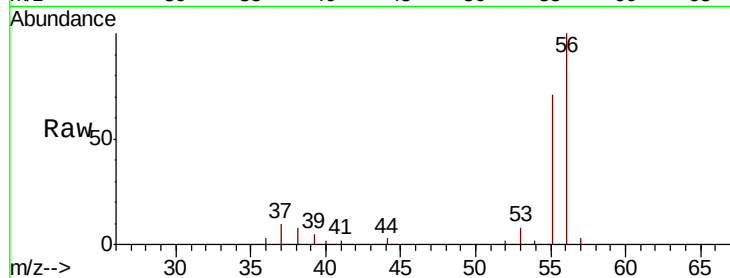
VSTDIC020

Tgt Ion: 56 Resp: 9721

Ion Ratio Lower Upper

56 100

55 71.8 57.5 86.3



#14

Allyl chloride

Concen: 20.317 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

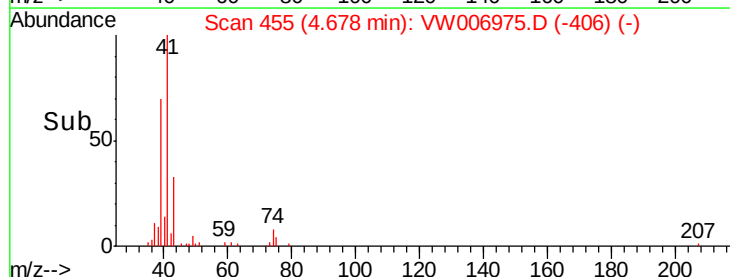
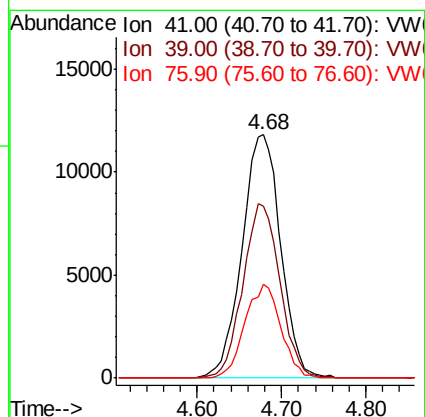
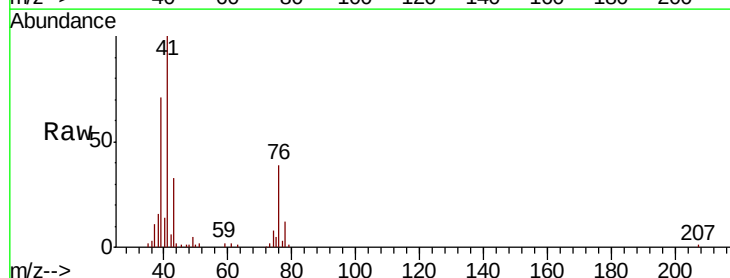
Tgt Ion: 41 Resp: 36819

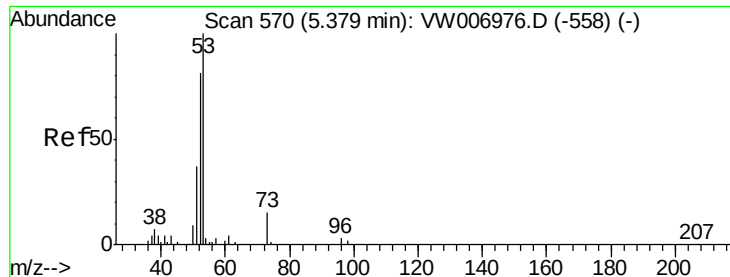
Ion Ratio Lower Upper

41 100

39 68.4 55.4 83.2

76 35.8 29.6 44.4





#15

Acrylonitrile

Concen: 102.953 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

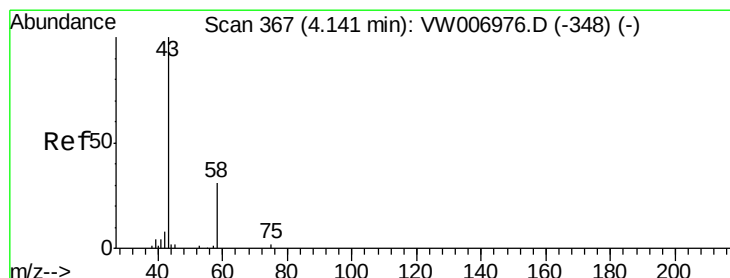
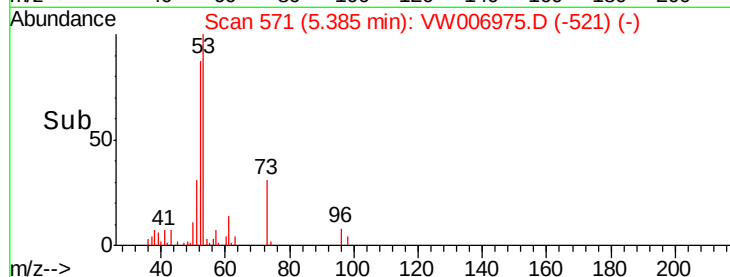
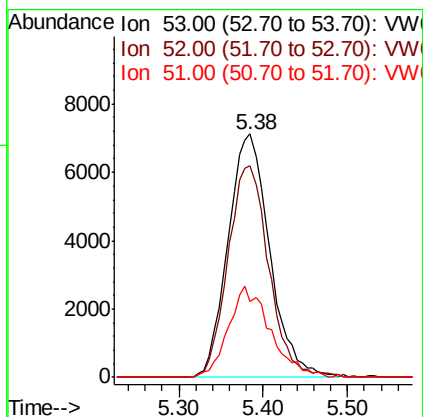
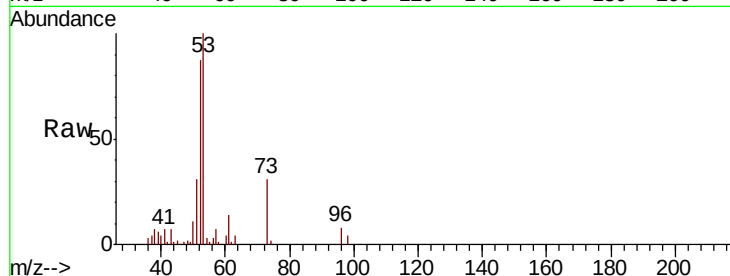
Tgt Ion: 53 Resp: 23959

Ion Ratio Lower Upper

53 100

52 85.3 65.7 98.5

51 37.5 29.9 44.9



#16

Acetone

Concen: 101.450 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006975.D

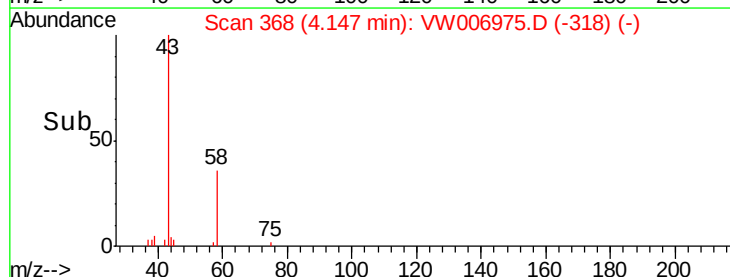
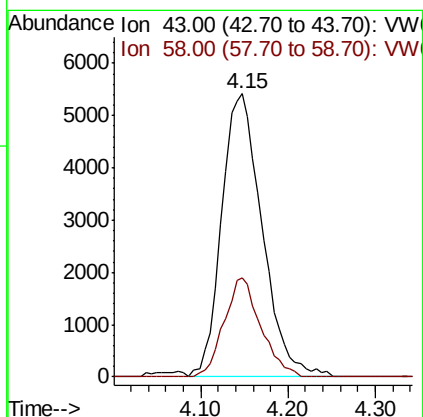
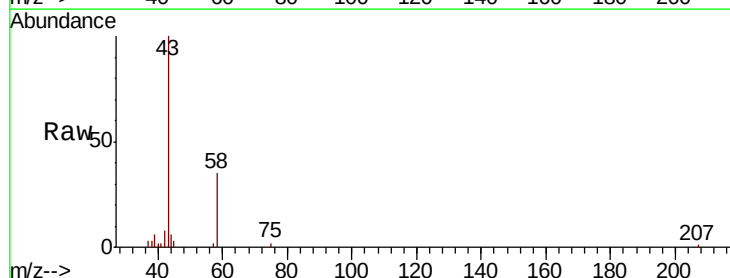
Acq: 20 Nov 2018 14:39

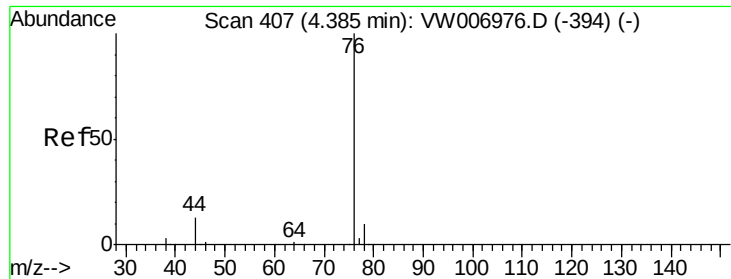
Tgt Ion: 43 Resp: 17407

Ion Ratio Lower Upper

43 100

58 35.1 24.8 37.2

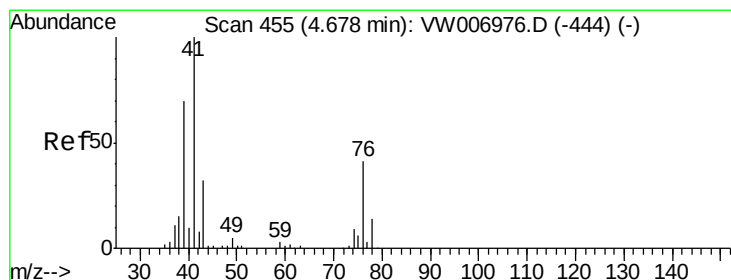
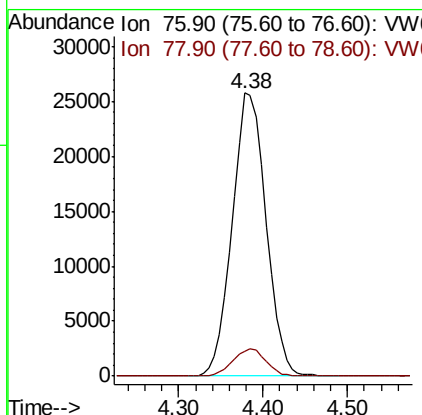
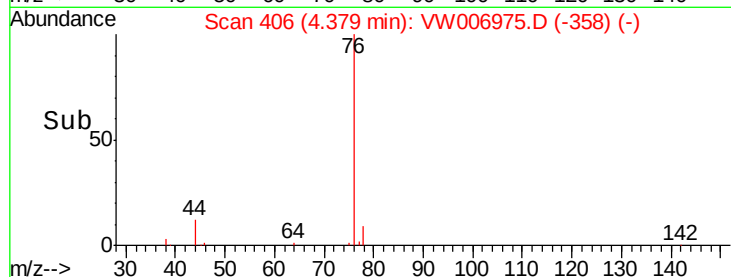
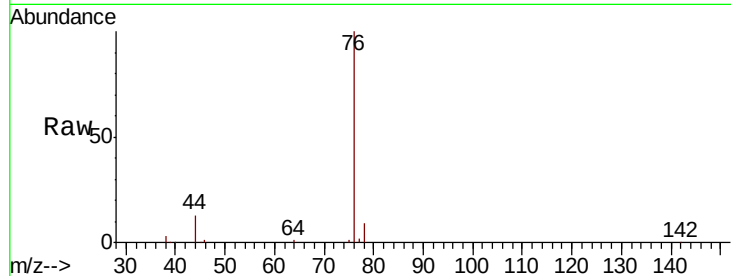




#17
Carbon Disulfide
Concen: 19.789 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

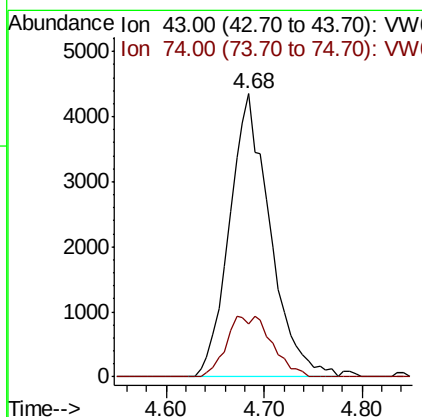
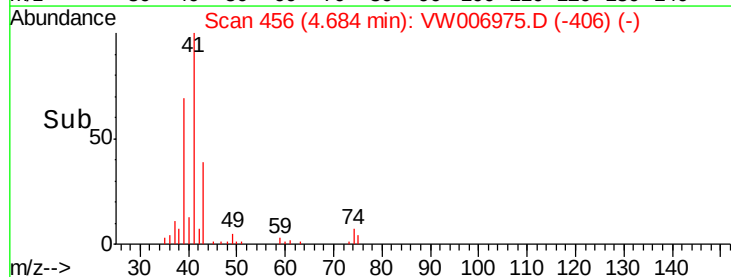
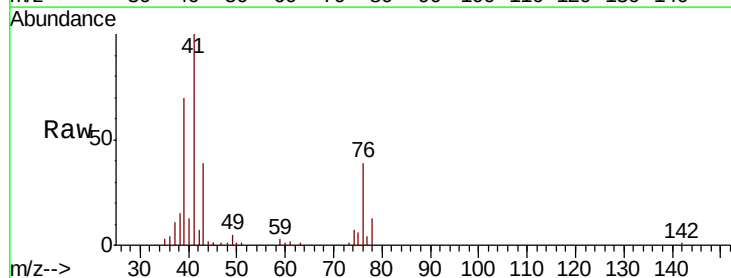
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

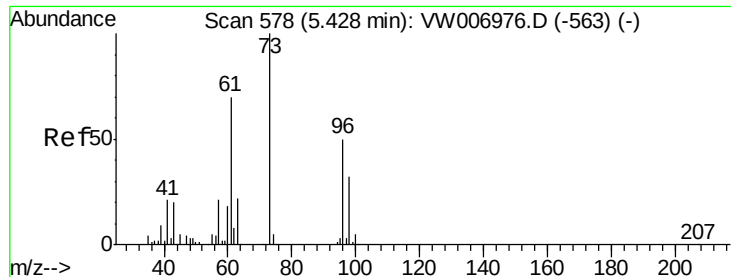
Tgt Ion: 76 Resp: 69903
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 20.428 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 43 Resp: 12482
Ion Ratio Lower Upper
43 100
74 24.1 20.1 30.1



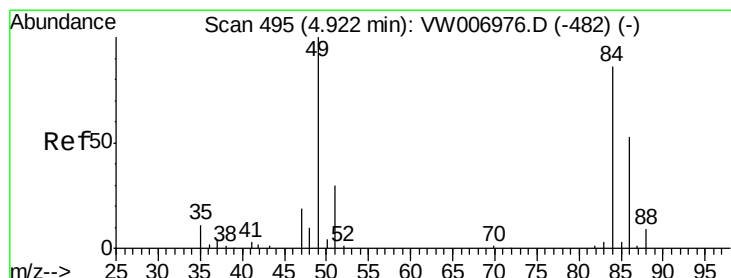
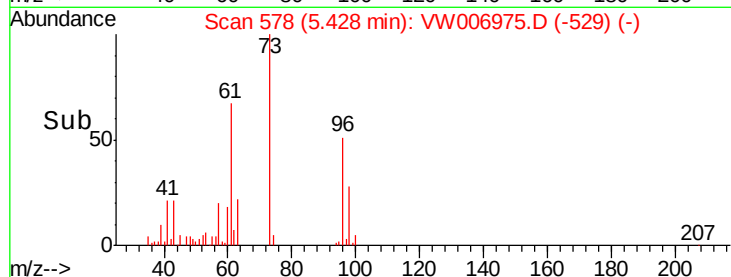
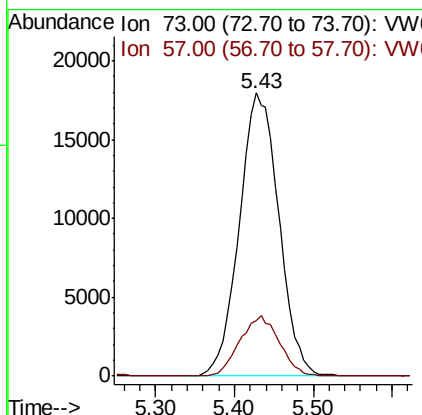
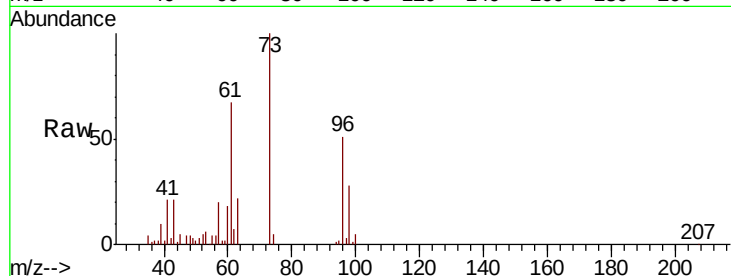


#19

Methyl tert-butyl Ether
 Concen: 21.921 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

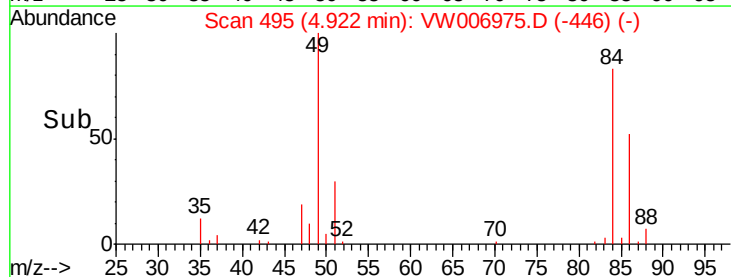
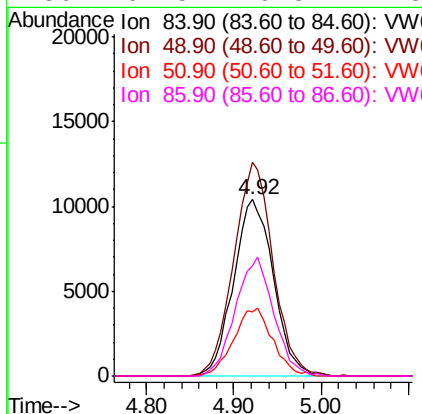
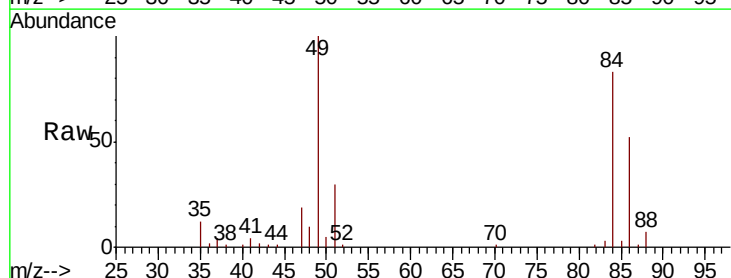
Tgt Ion: 73 Resp: 62539
 Ion Ratio Lower Upper
 73 100
 57 19.6 16.7 25.1

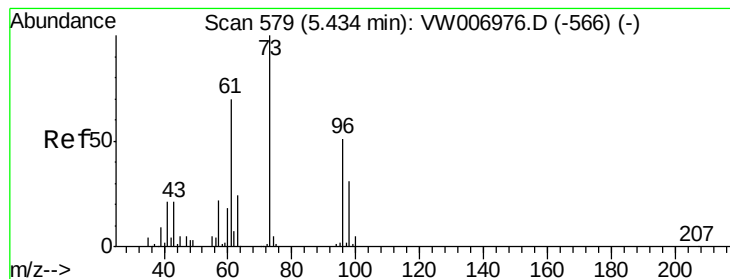


#20

Methylene Chloride
 Concen: 19.438 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 84 Resp: 32962
 Ion Ratio Lower Upper
 84 100
 49 121.0 93.4 140.0
 51 36.2 28.4 42.6
 86 62.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 20.846 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

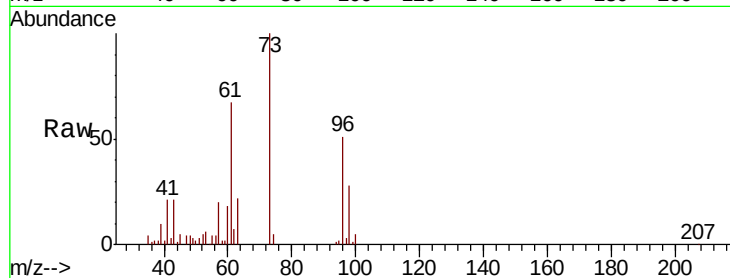
Tgt Ion: 96 Resp: 26532

Ion Ratio Lower Upper

96 100

61 131.8 109.4 164.0

98 54.6 48.3 72.5

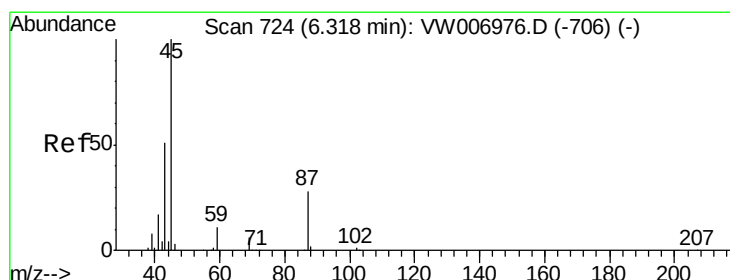
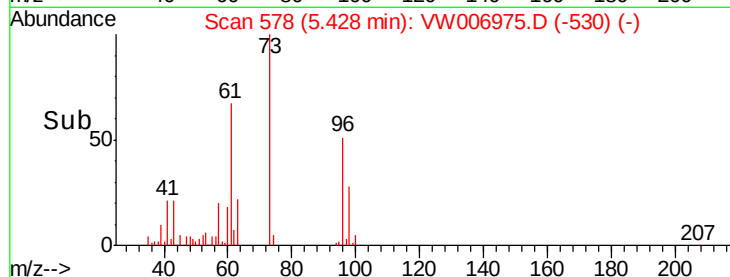
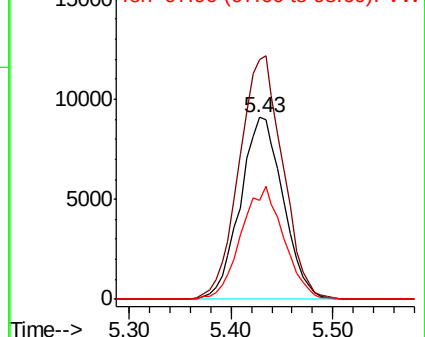


Abundance

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: 21.231 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion: 45 Resp: 74888

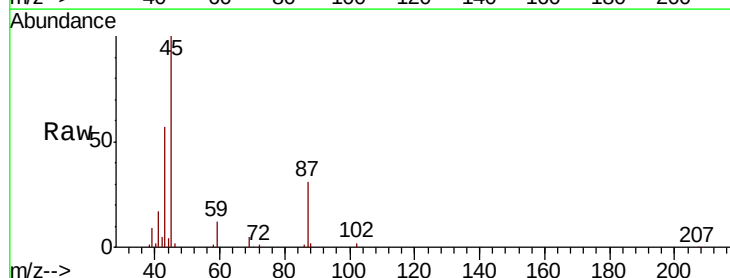
Ion Ratio Lower Upper

45 100

43 56.2 42.5 63.7

87 30.5 22.8 34.2

59 12.1 9.1 13.7



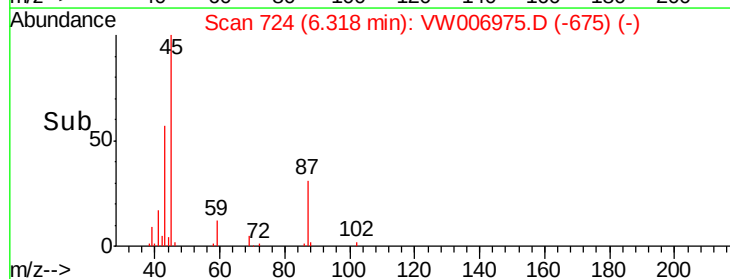
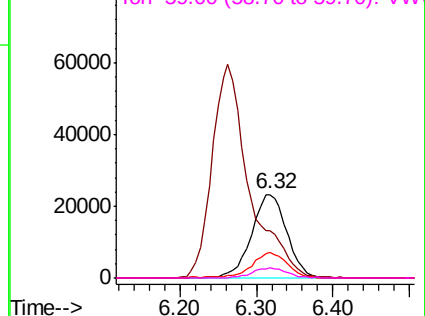
Abundance

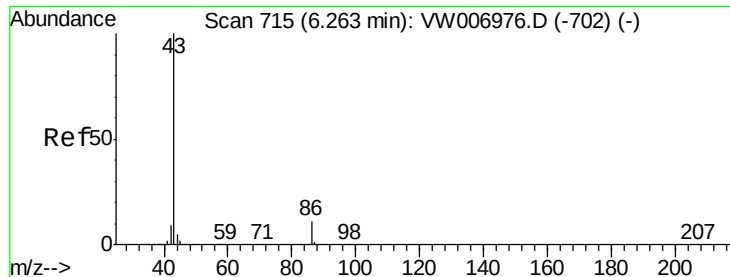
Ion 45.00 (44.70 to 45.70): VW

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: 107.567 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

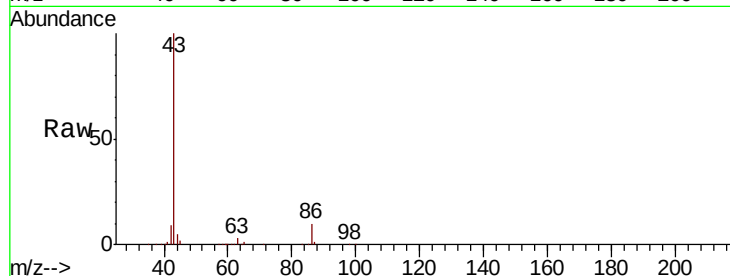
VSTDIC020

Tgt Ion: 43 Resp: 201487

Ion Ratio Lower Upper

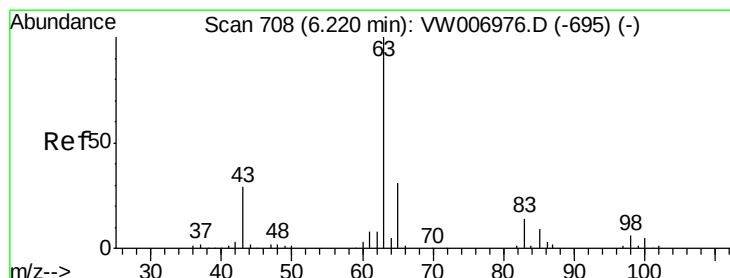
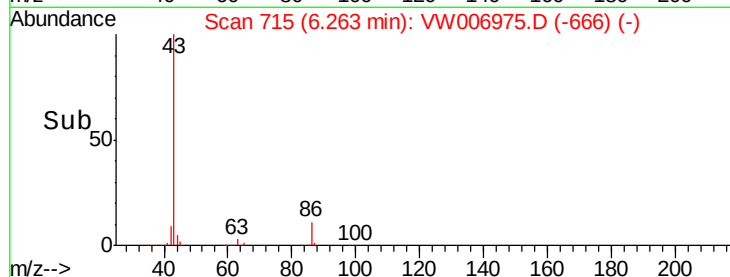
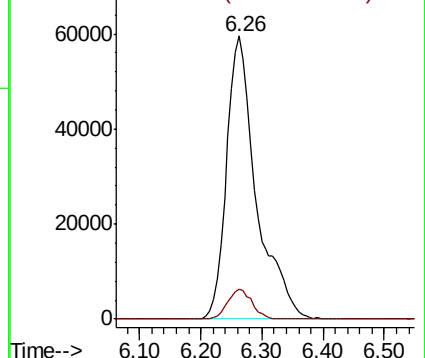
43 100

86 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.503 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

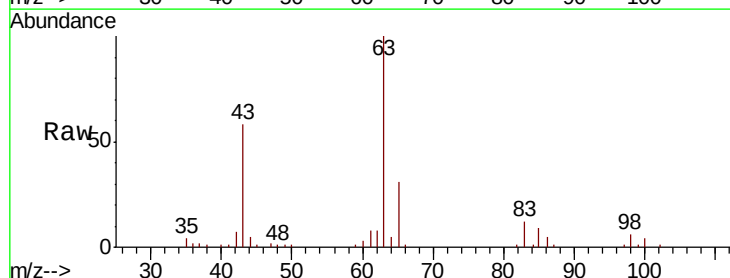
Tgt Ion: 63 Resp: 43996

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.4

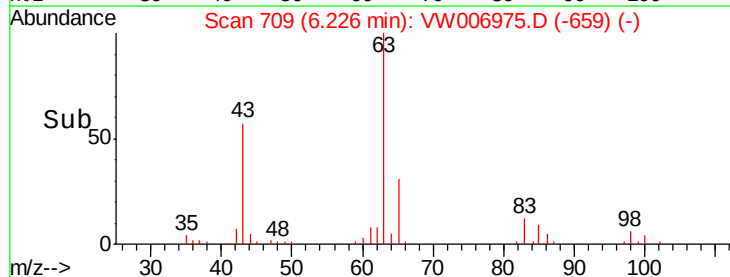
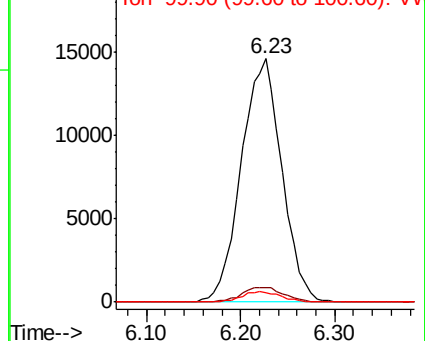
100 3.9 2.3 6.9

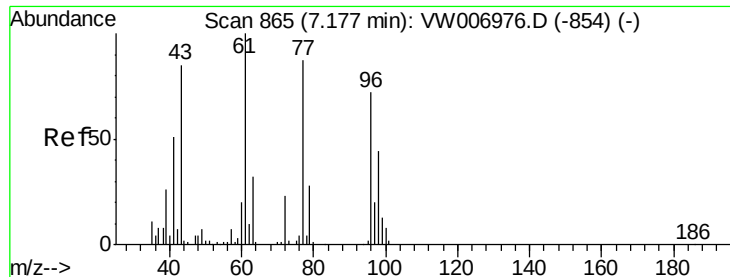


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 104.729 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

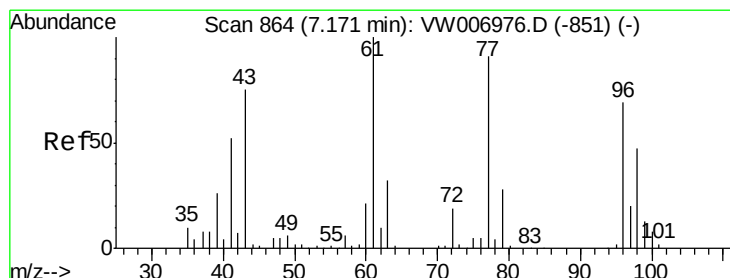
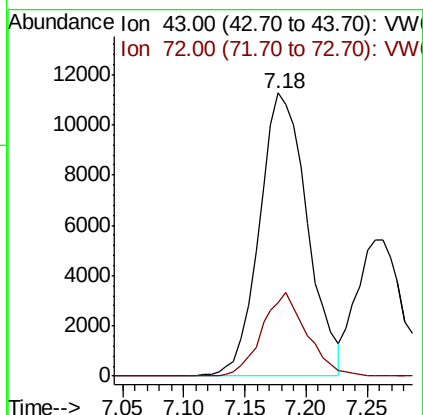
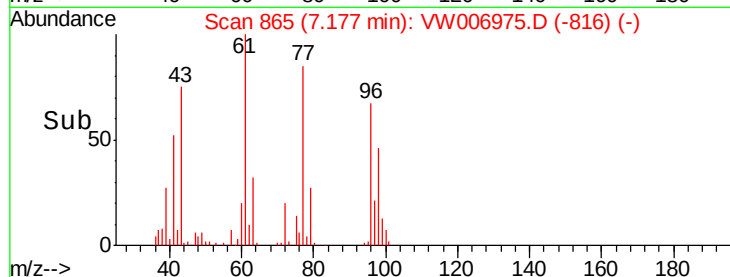
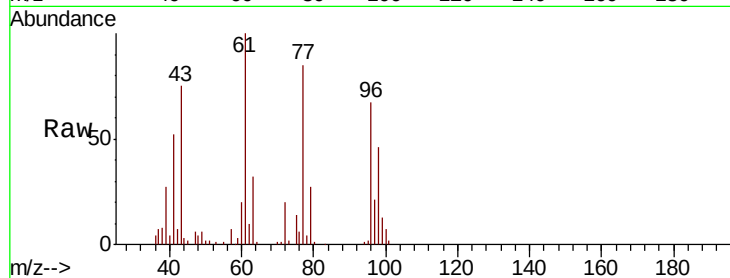
VSTDIC020

Tgt Ion: 43 Resp: 30777

Ion Ratio Lower Upper

43 100

72 26.1 21.3 31.9



#26

2,2-Dichloropropane

Concen: 20.966 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006975.D

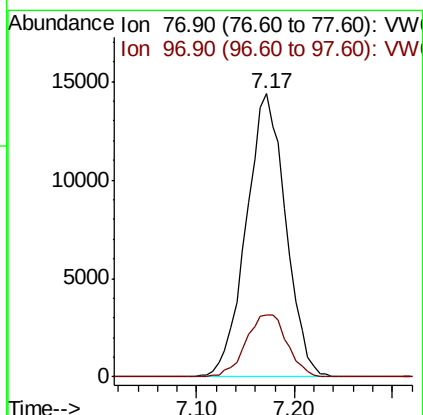
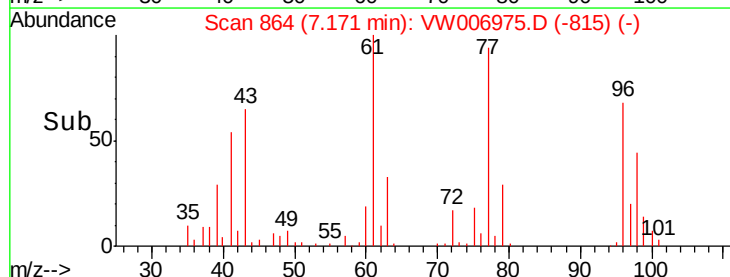
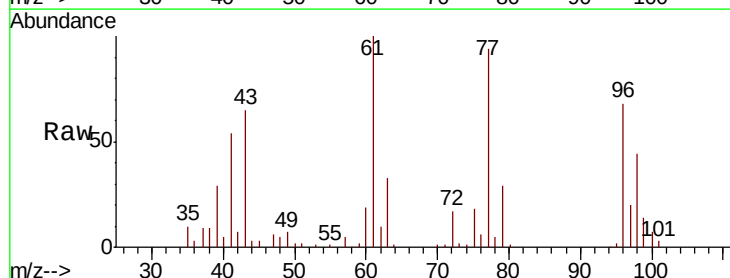
Acq: 20 Nov 2018 14:39

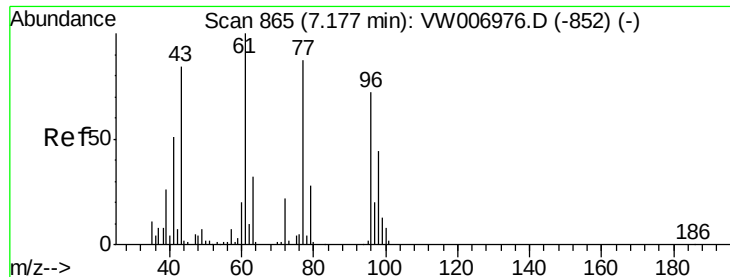
Tgt Ion: 77 Resp: 40457

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1



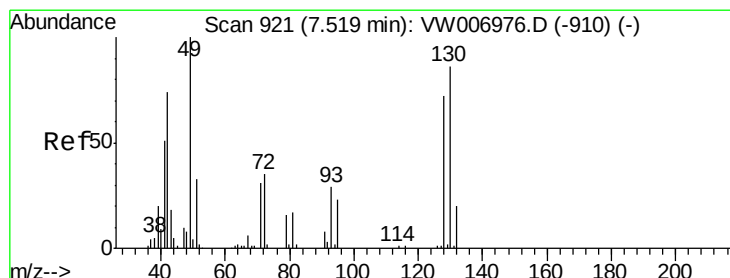
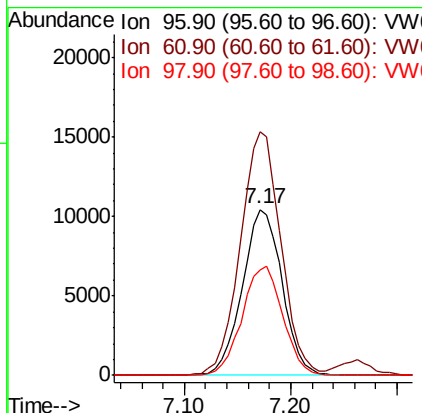
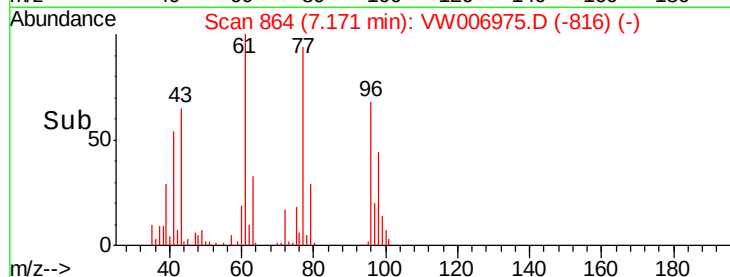
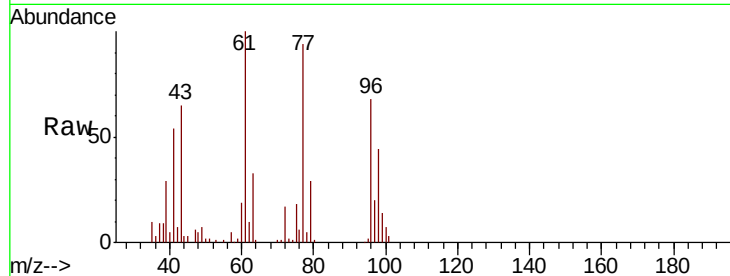


#27

cis-1,2-Dichloroethene
Concen: 20.199 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

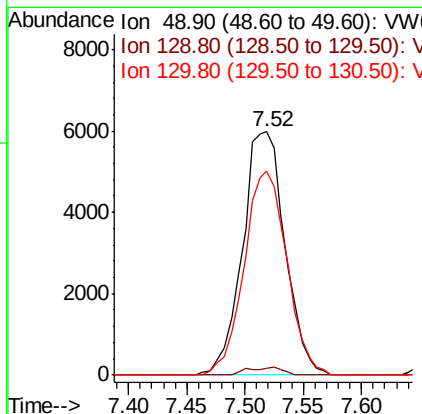
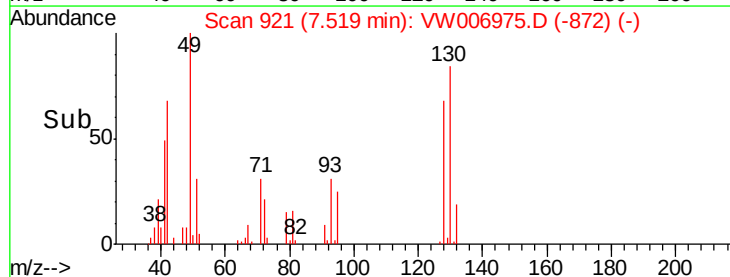
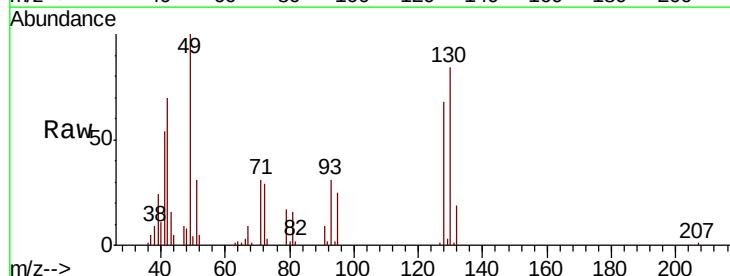
Tgt Ion: 96 Resp: 27377
Ion Ratio Lower Upper
96 100
61 149.3 0.0 292.6
98 67.0 0.0 129.8

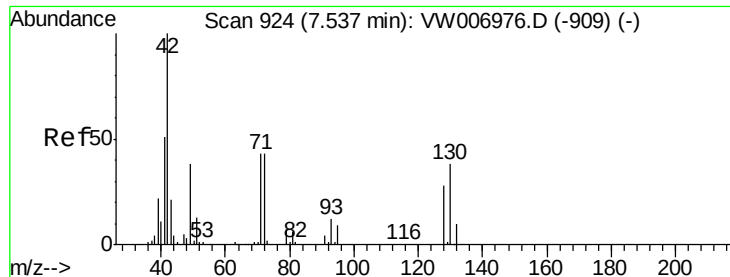


#28

Bromochloromethane
Concen: 18.986 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 49 Resp: 15227
Ion Ratio Lower Upper
49 100
129 2.6 0.0 2.0#
130 84.2 69.0 103.4

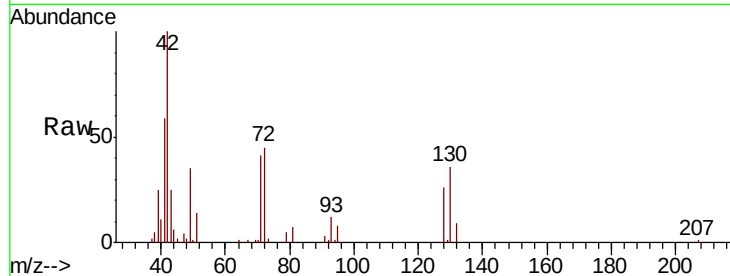




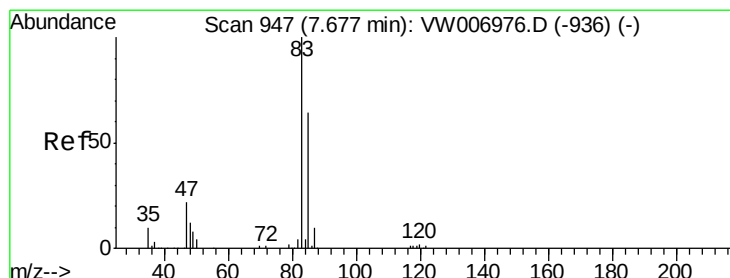
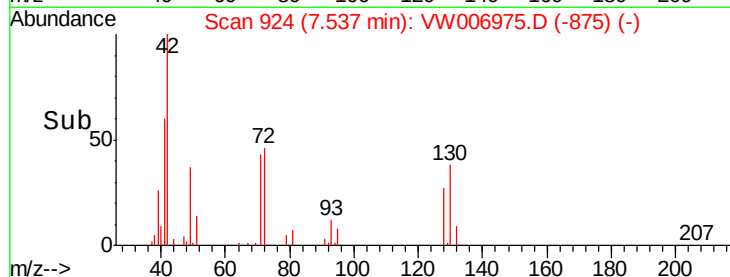
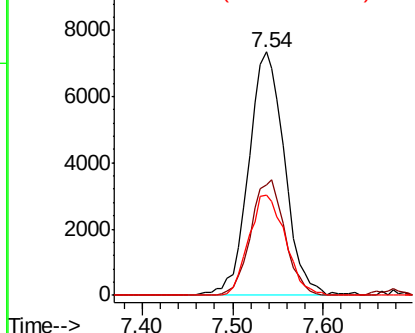
#29
Tetrahydrofuran
Concen: 105.692 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 20116
Ion Ratio Lower Upper
42 100
72 44.9 36.2 54.4
71 41.6 33.8 50.8

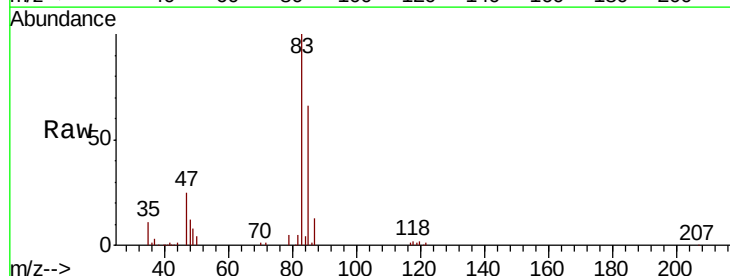


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

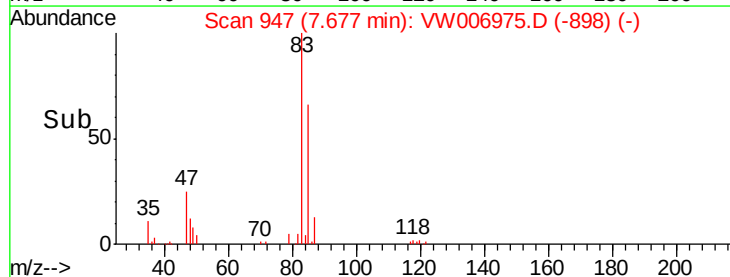
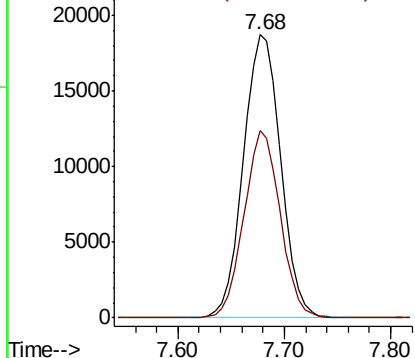


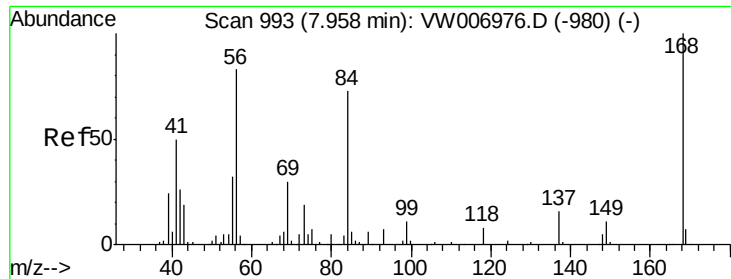
#30
Chloroform
Concen: 20.246 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 83 Resp: 46155
Ion Ratio Lower Upper
83 100
85 66.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

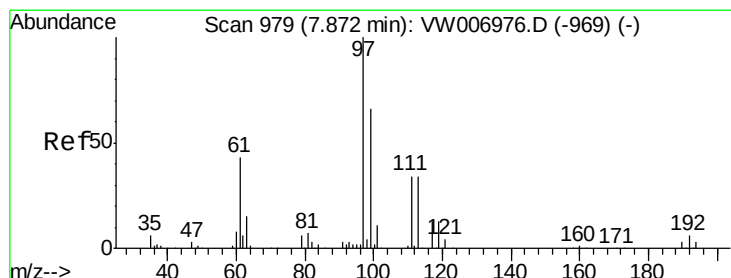
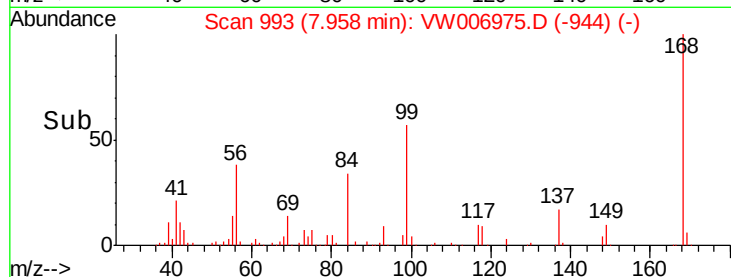
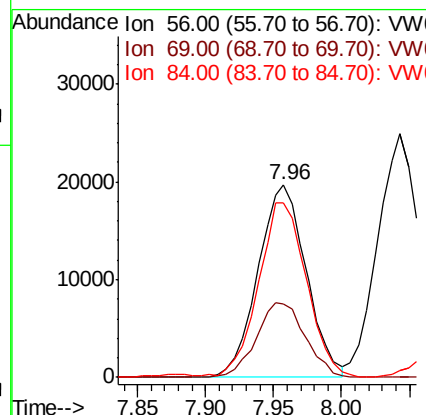
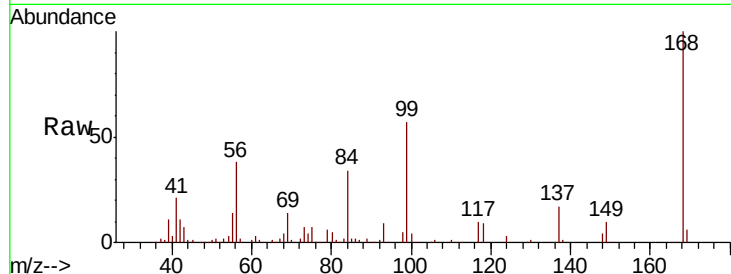




#31
Cyclohexane
Concen: 21.440 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

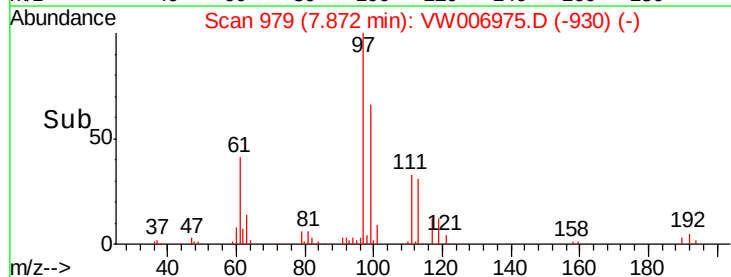
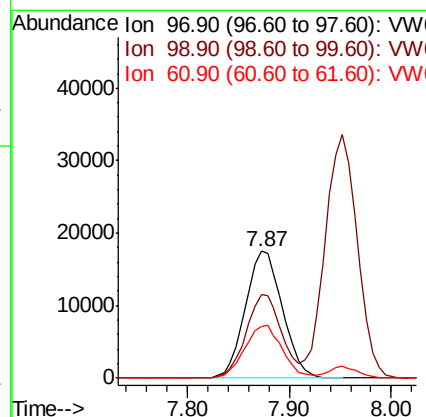
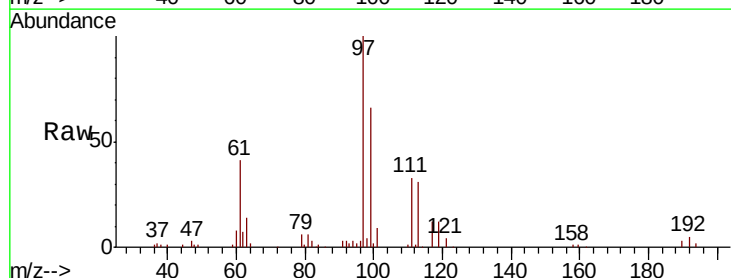
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

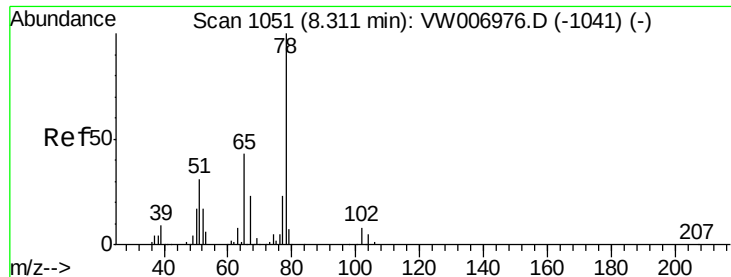
Tgt Ion: 56 Resp: 48797
Ion Ratio Lower Upper
56 100
69 37.8 29.1 43.7
84 89.6 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 21.477 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 97 Resp: 44100
Ion Ratio Lower Upper
97 100
99 63.3 51.9 77.9
61 42.4 33.4 50.2

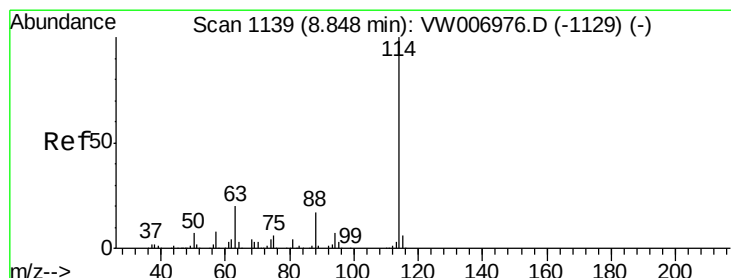
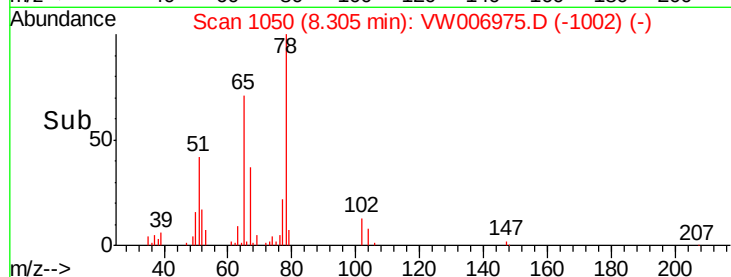
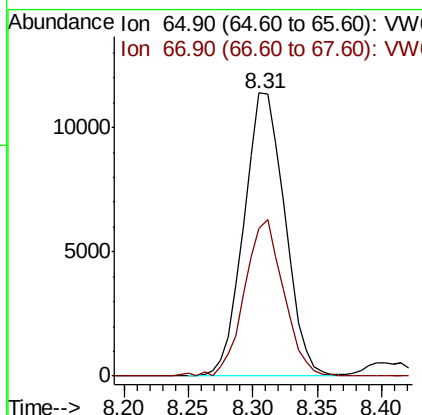
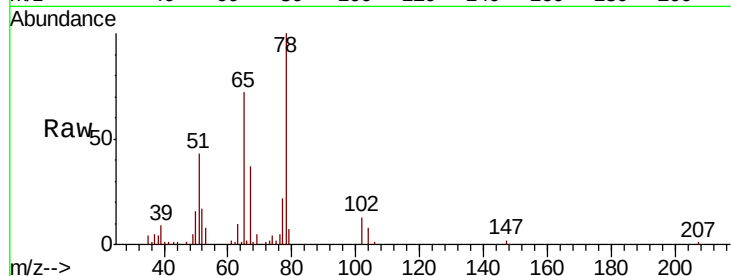




#33
 1,2-Dichloroethane-d4
 Concen: 21.255 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

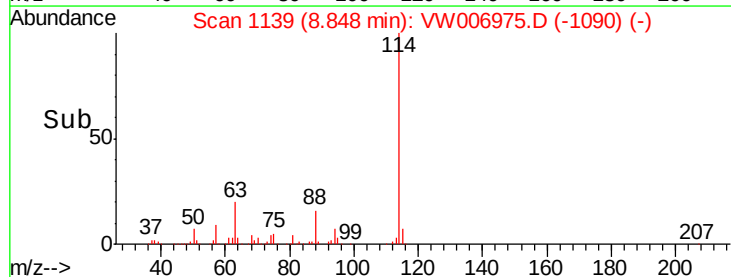
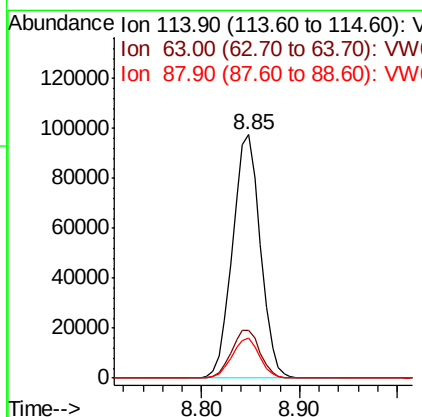
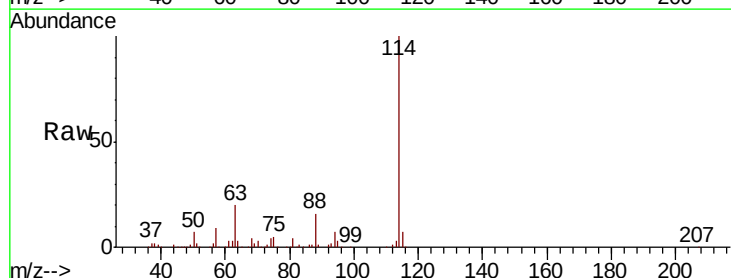
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

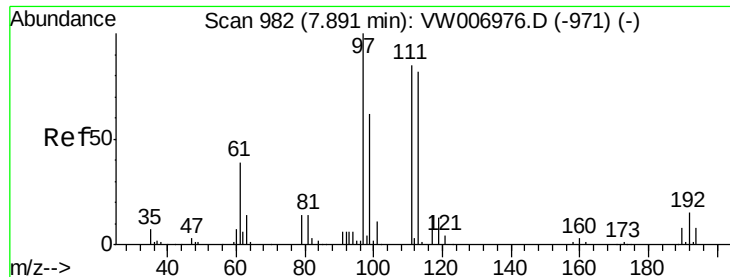
Tgt Ion: 65 Resp: 25119
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 114 Resp: 193113
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 16.4 0.0 34.2

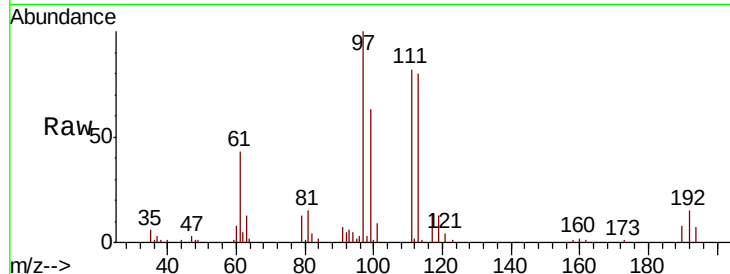




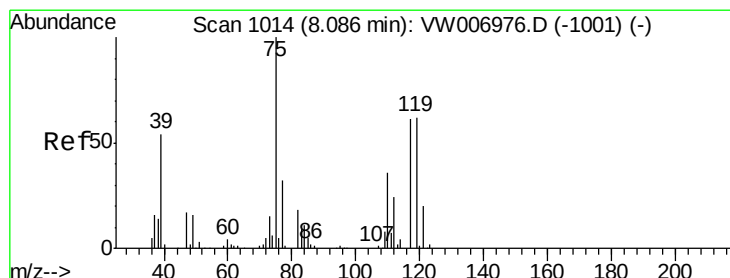
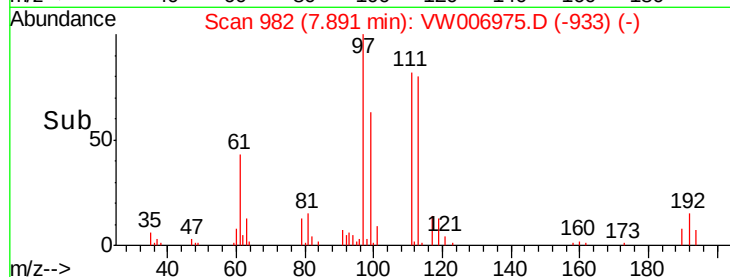
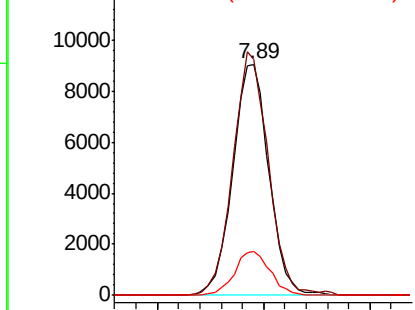
#35
 Dibromofluoromethane
 Concen: 19.708 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 113 Resp: 21493
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.0 121.6
 192 18.7 15.0 22.6

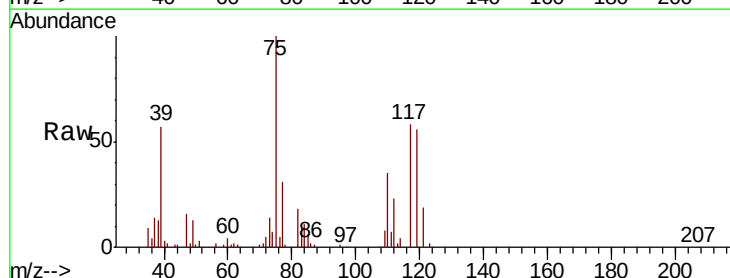


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

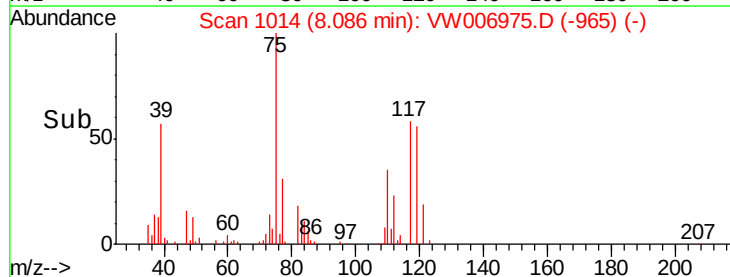
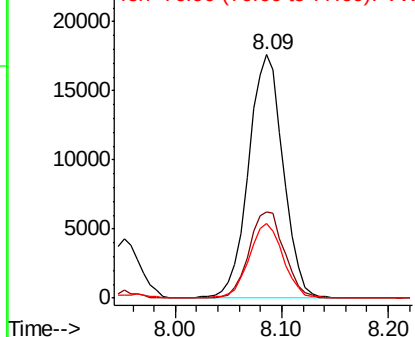


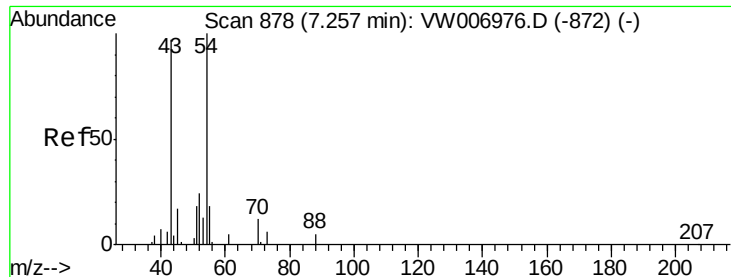
#36
 1,1-Dichloropropene
 Concen: 21.336 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 75 Resp: 40263
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.0 54.0
 77 30.2 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

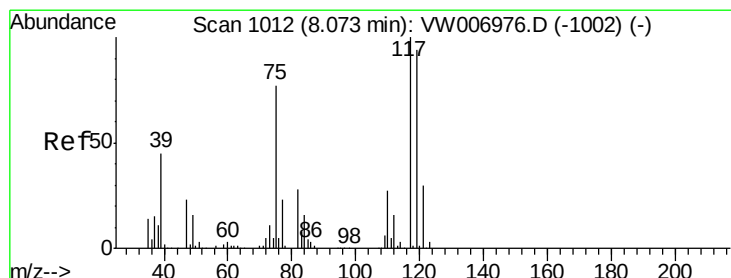
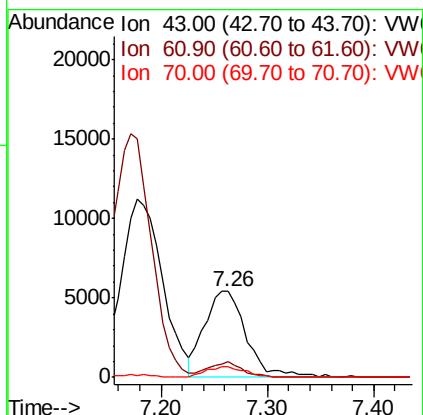
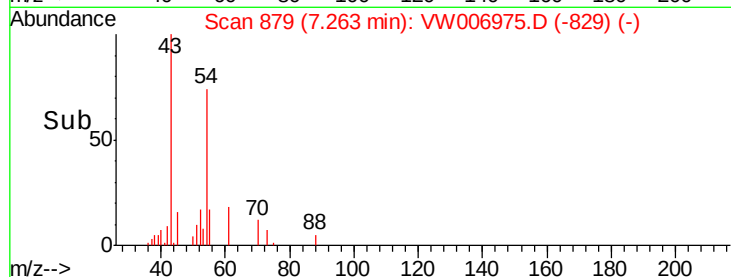
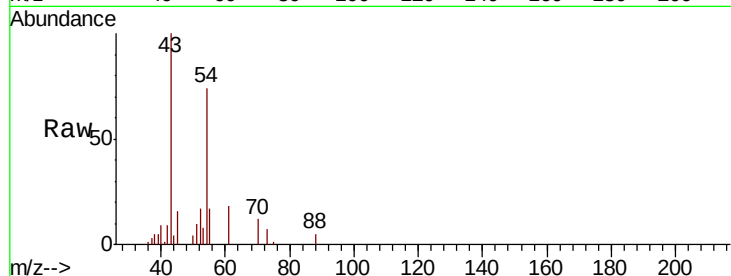




#37
Ethyl Acetate
Concen: 21.468 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

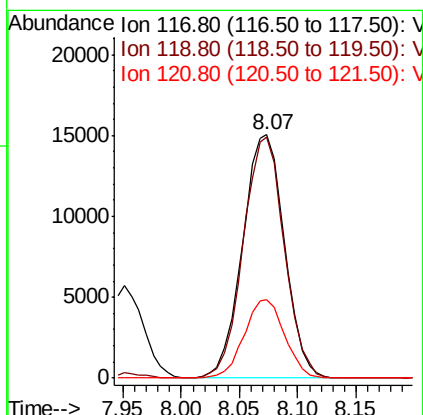
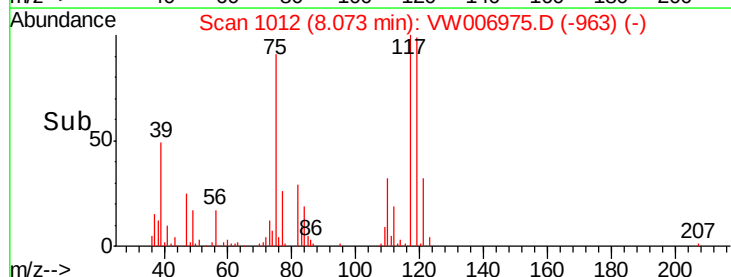
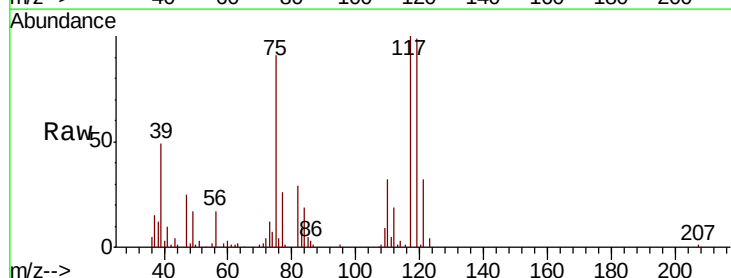
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

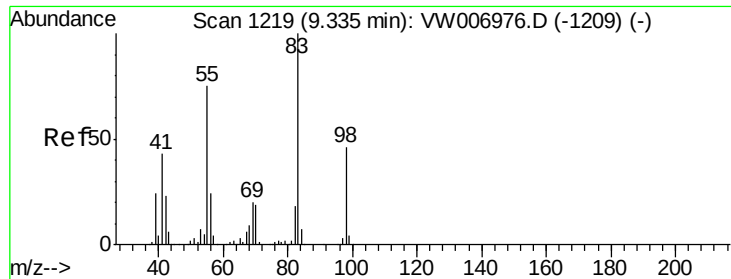
Tgt Ion: 43 Resp: 14681
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.852 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 117 Resp: 37682
Ion Ratio Lower Upper
117 100
119 98.8 74.9 112.3
121 32.0 23.6 35.4

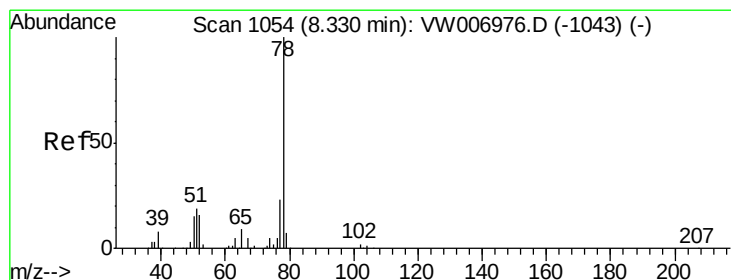
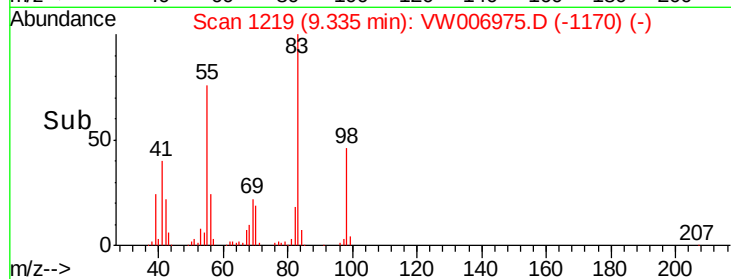
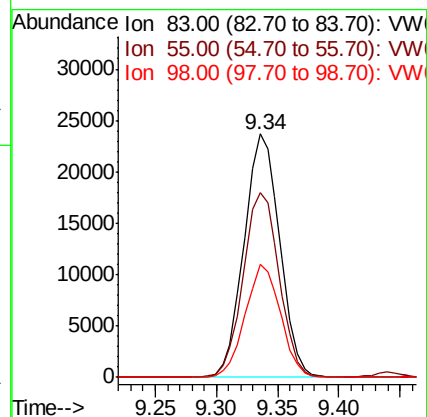
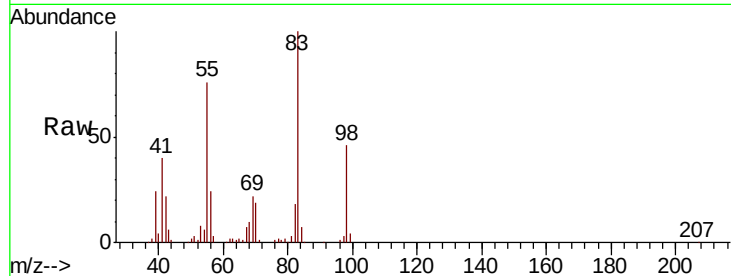




#39
Methylcyclohexane
Concen: 20.299 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

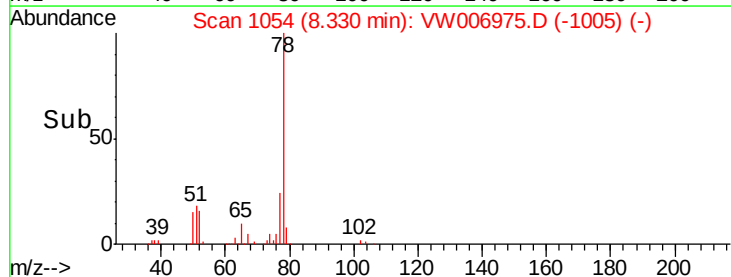
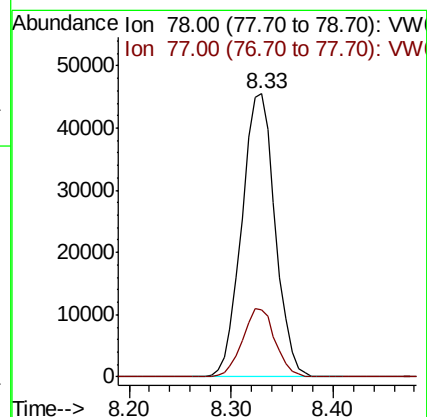
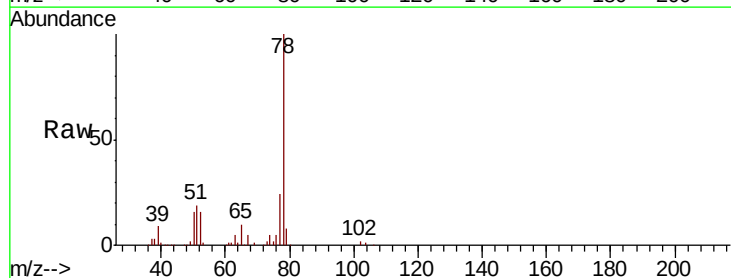
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

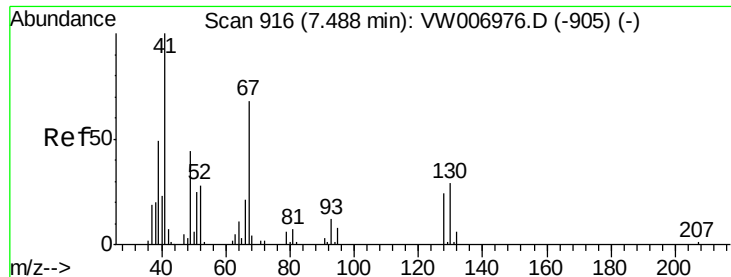
Tgt Ion: 83 Resp: 47938
Ion Ratio Lower Upper
83 100
55 75.7 59.6 89.4
98 46.4 37.1 55.7



#40
Benzene
Concen: 20.275 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 78 Resp: 103281
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0

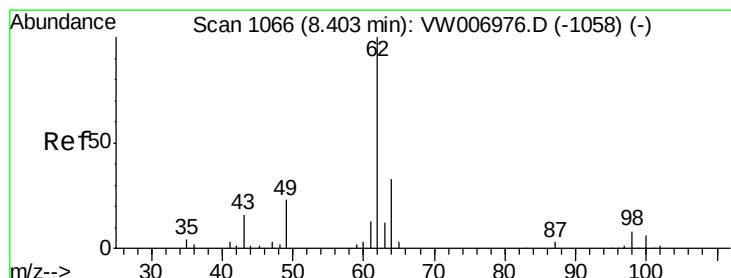
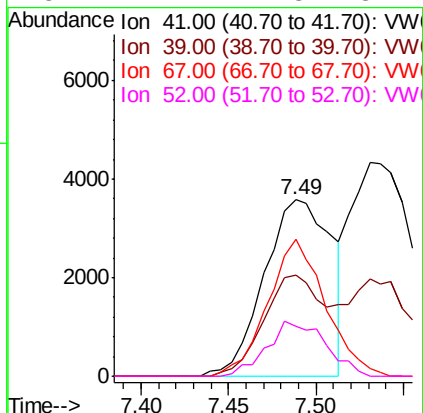
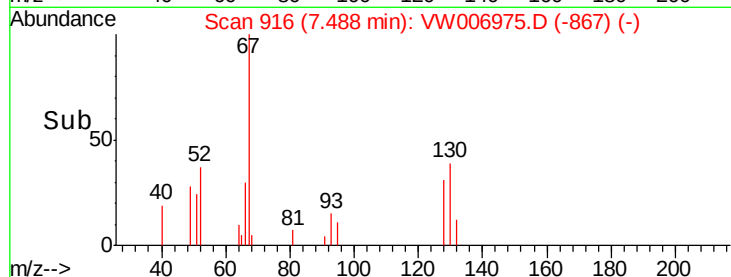
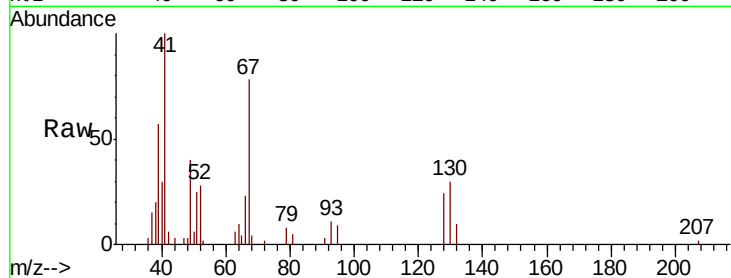




#41
Methacrylonitrile
Concen: 22.610 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

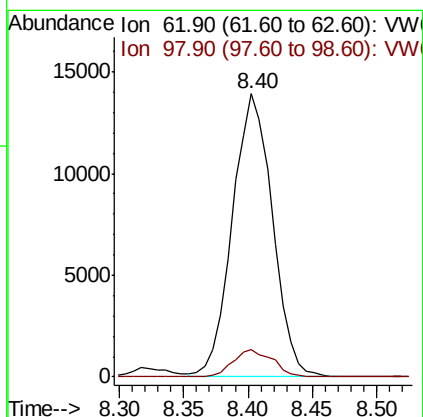
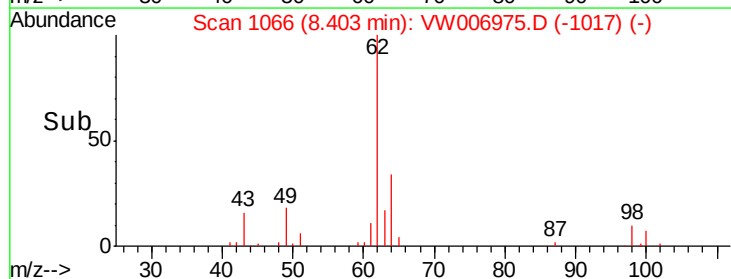
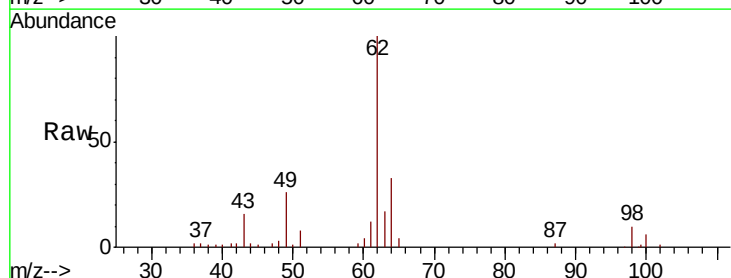
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

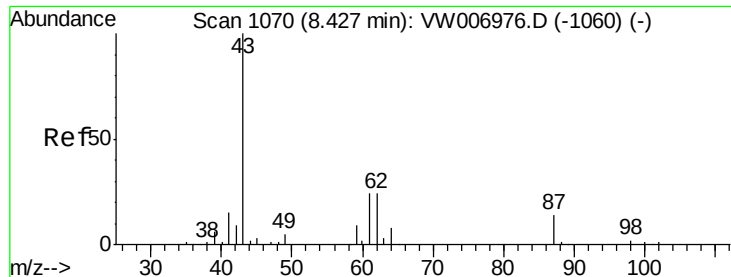
Tgt Ion:	41	Resp:	9602
Ion	Ratio	Lower	Upper
41	100		
39	48.9	48.6	73.0
67	66.5	59.8	89.8
52	27.2	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.368 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion:	62	Resp:	30123
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.611 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

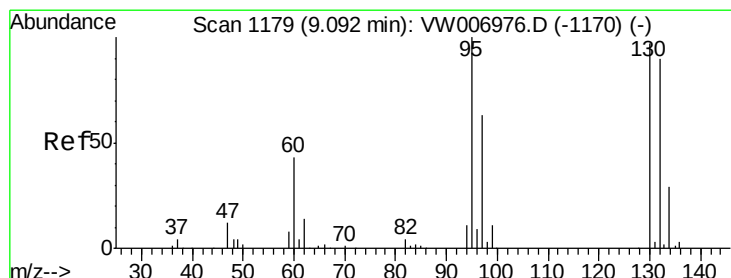
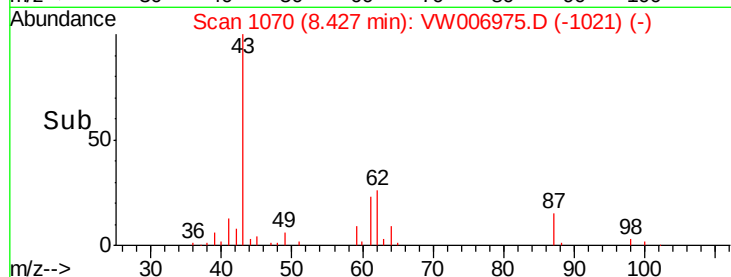
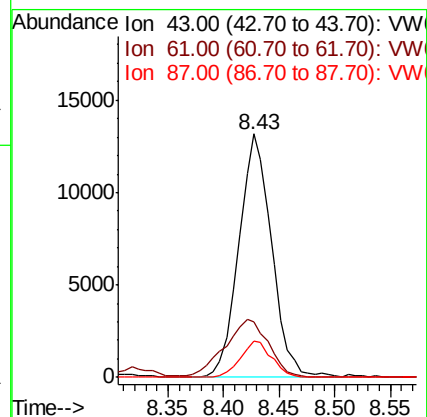
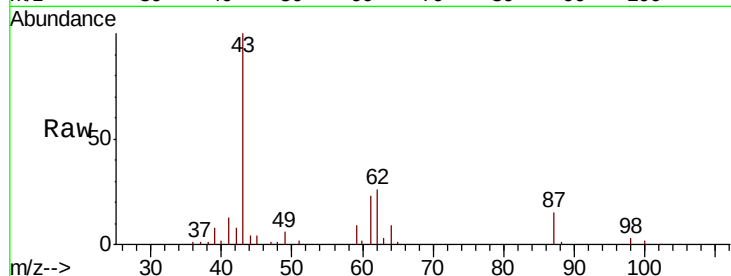
Tgt Ion: 43 Resp: 26859

Ion Ratio Lower Upper

43 100

61 31.7 26.1 39.1

87 14.2 11.2 16.8



#44

Trichloroethene

Concen: 20.575 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006975.D

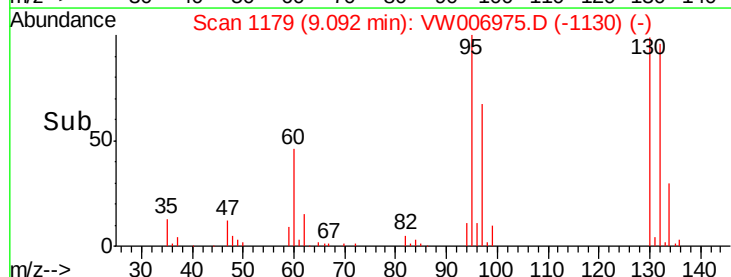
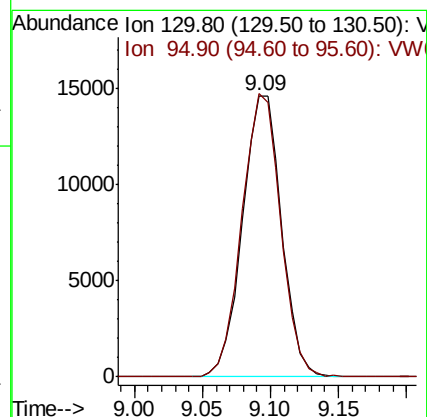
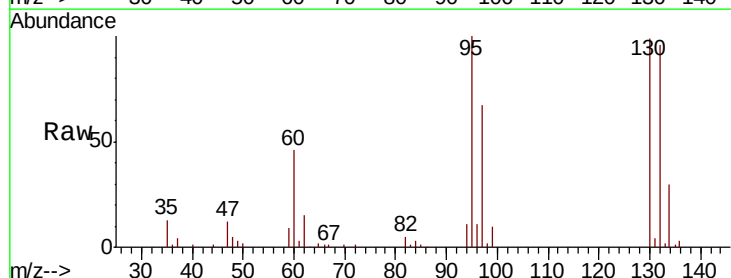
Acq: 20 Nov 2018 14:39

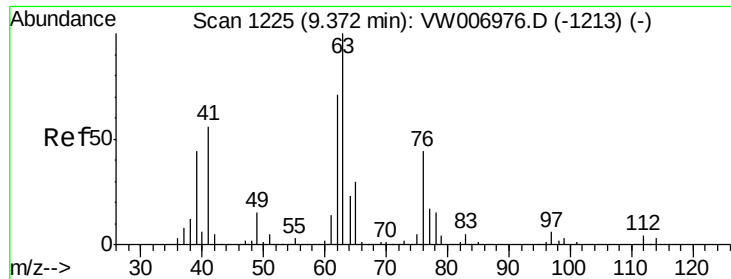
Tgt Ion: 130 Resp: 29381

Ion Ratio Lower Upper

130 100

95 100.7 0.0 206.4

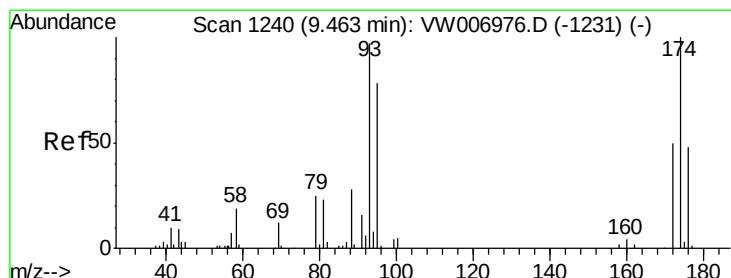
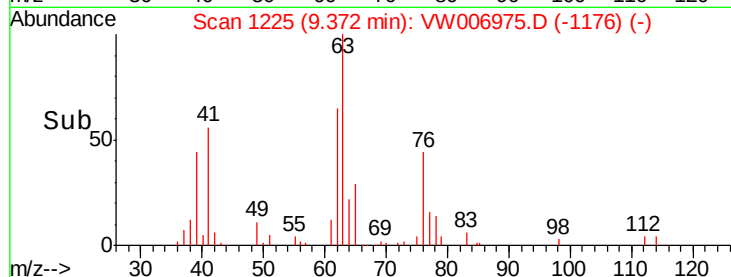
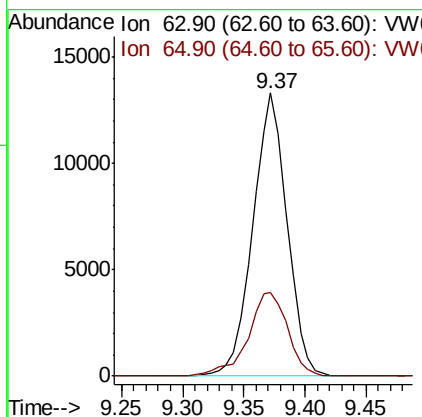
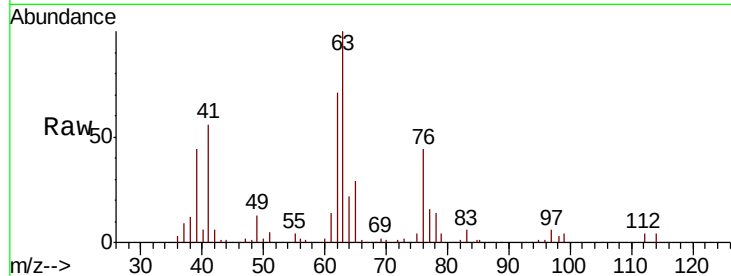




#45
 1,2-Dichloropropane
 Concen: 20.619 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

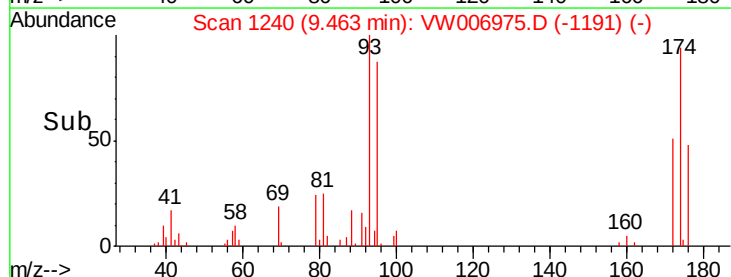
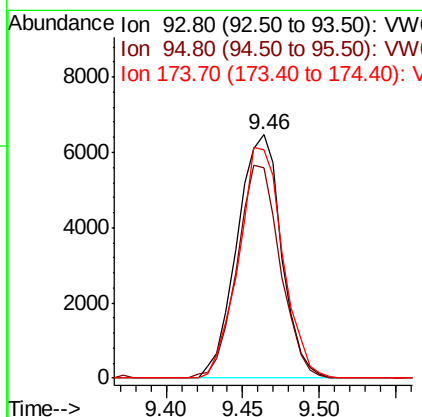
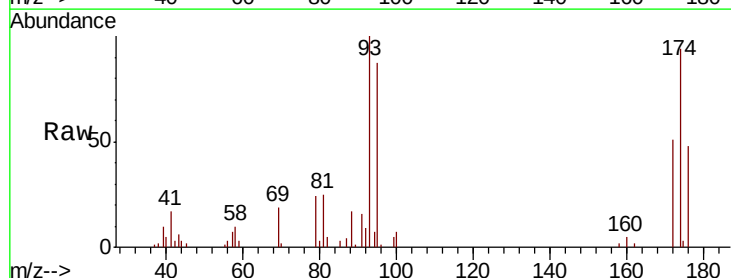
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

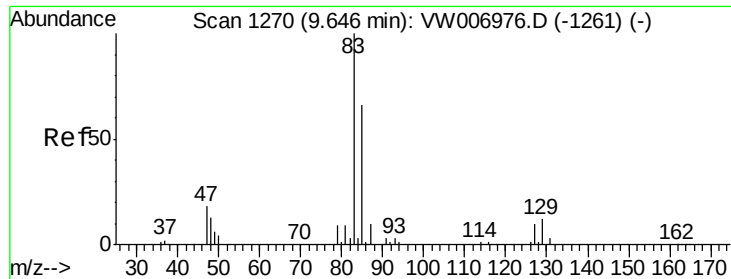
Tgt Ion: 63 Resp: 25891
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.4 36.6



#46
 Dibromomethane
 Concen: 20.686 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 93 Resp: 13008
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.1 99.1
 174 94.1 79.7 119.5

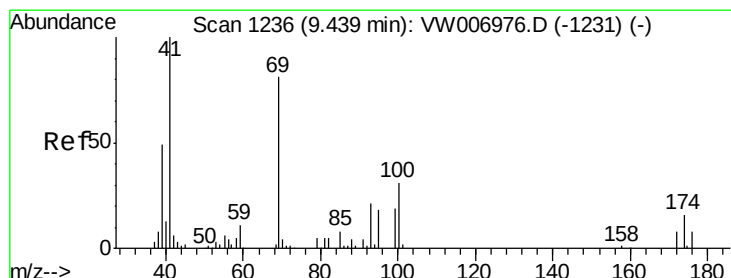
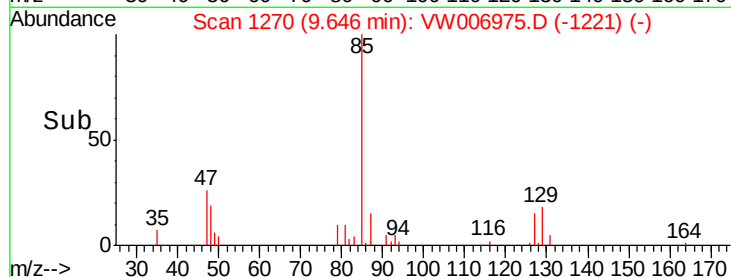
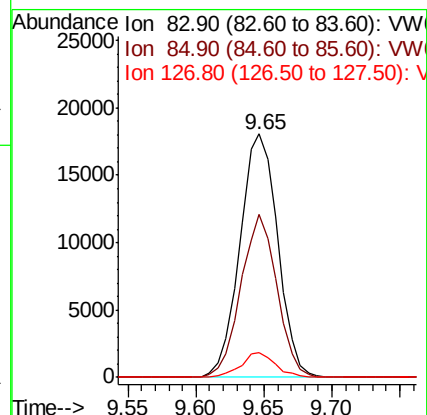
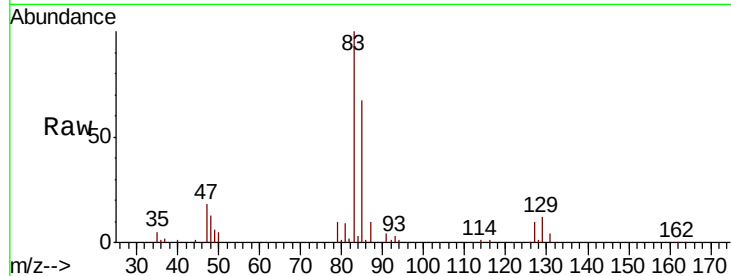




#47
Bromodichloromethane
Concen: 21.184 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

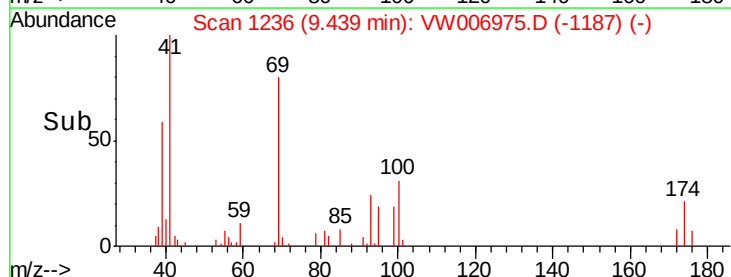
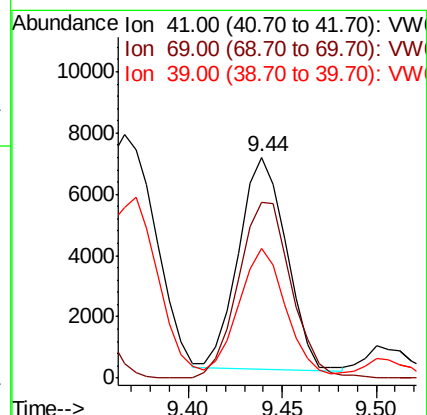
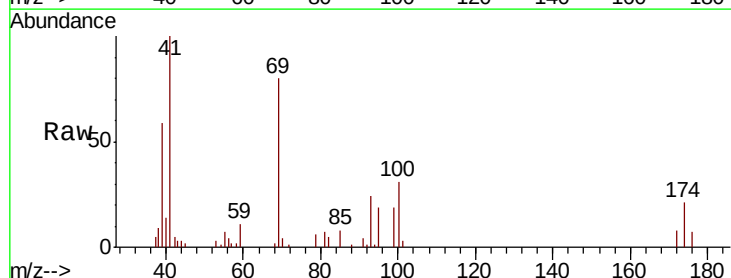
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

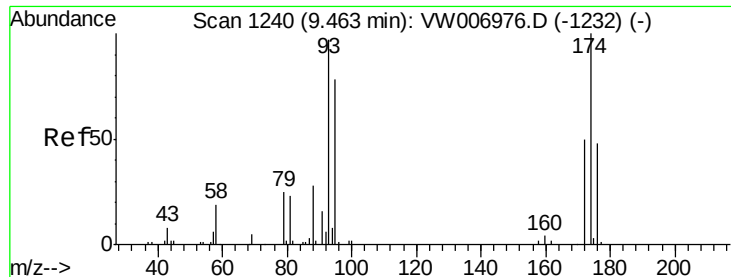
Tgt Ion: 83 Resp: 35097
Ion Ratio Lower Upper
83 100
85 67.0 52.9 79.3
127 10.0 7.8 11.6



#48
Methyl methacrylate
Concen: 19.411 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 41 Resp: 12197
Ion Ratio Lower Upper
41 100
69 91.4 71.4 107.0
39 56.5 44.8 67.2





#49

1,4-Dioxane

Concen: 399.190 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

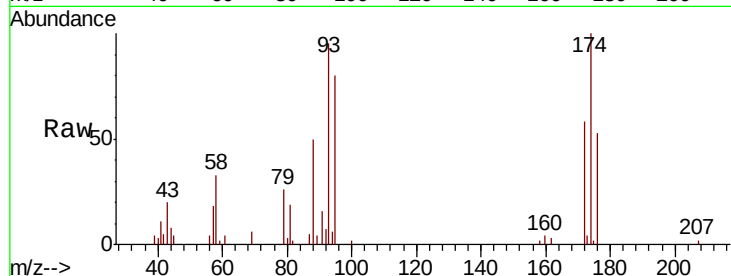
Tgt Ion: 88 Resp: 3731

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

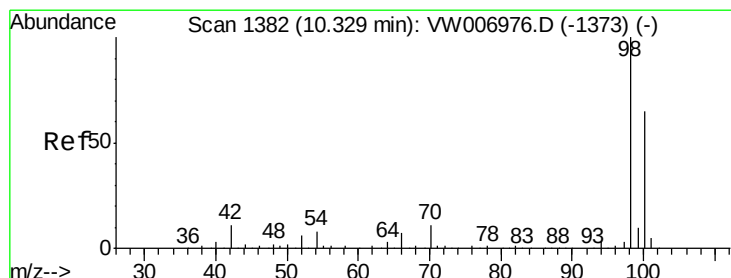
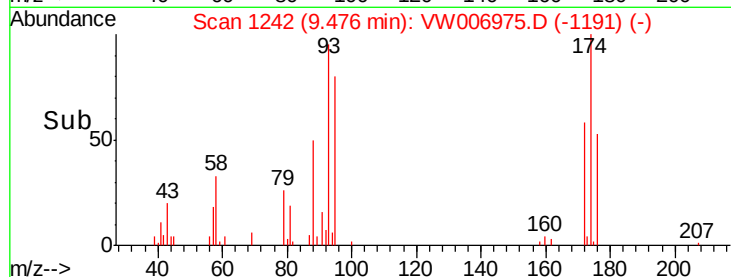
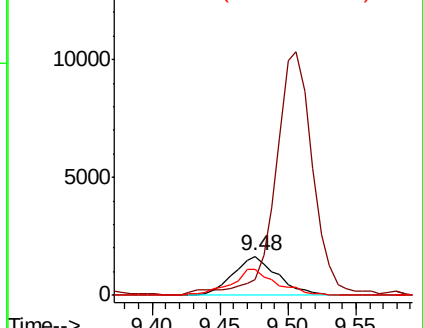
58 68.3 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 19.569 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006975.D

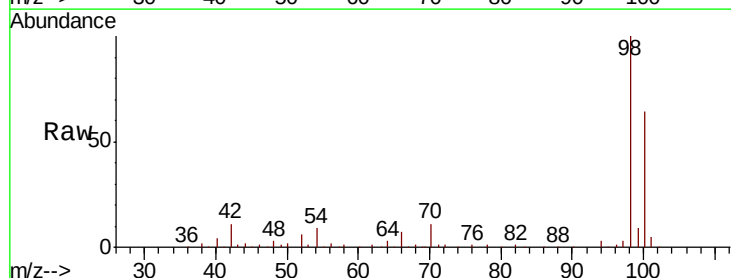
Acq: 20 Nov 2018 14:39

Tgt Ion: 98 Resp: 94241

Ion Ratio Lower Upper

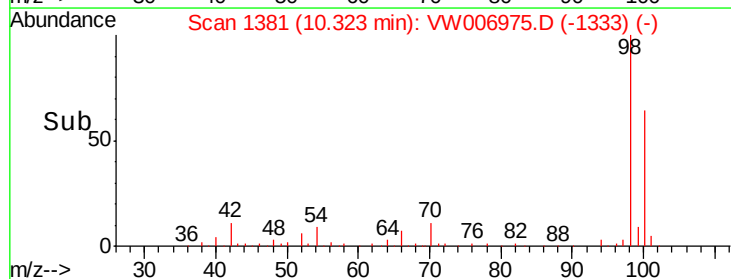
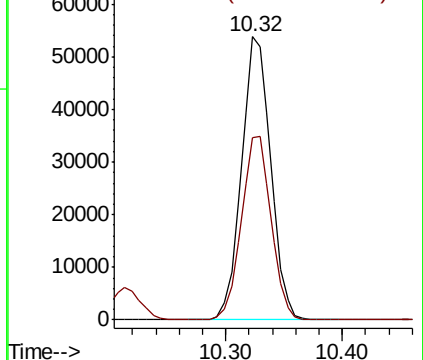
98 100

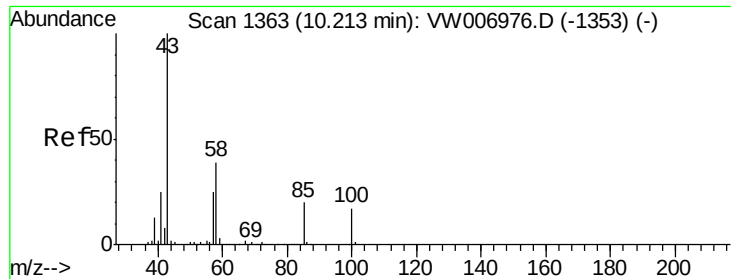
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

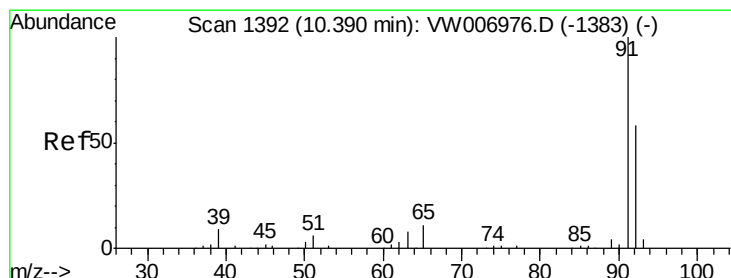
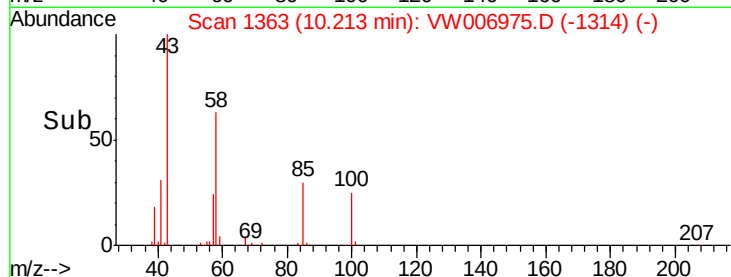
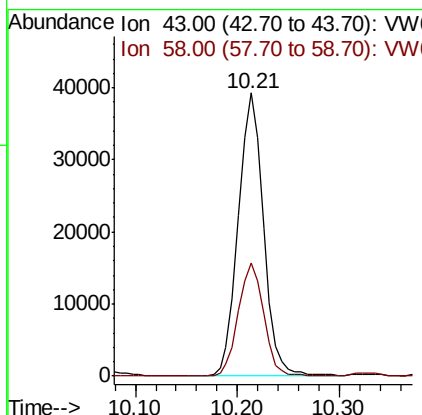
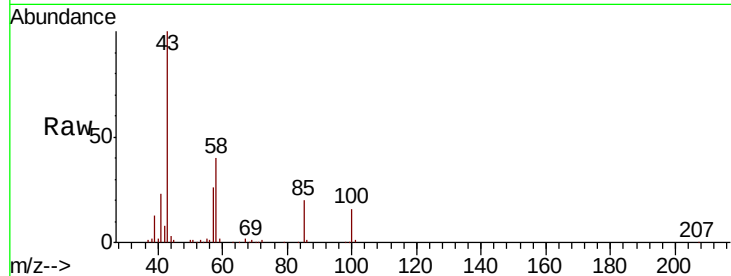




#51
 4-Methyl-2-Pentanone
 Concen: 102.239 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

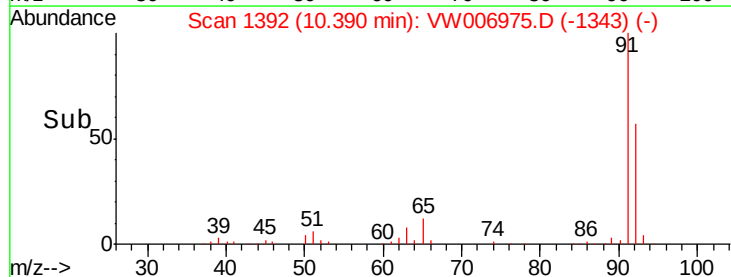
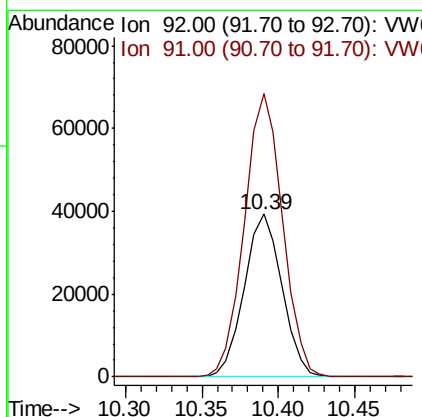
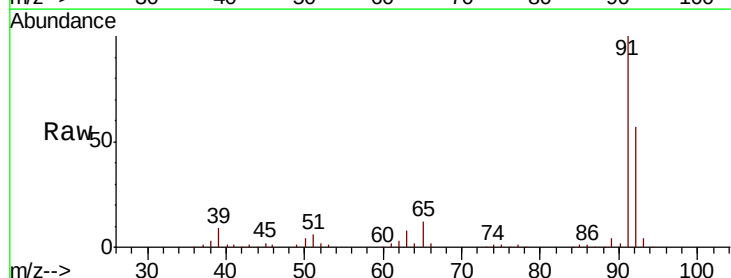
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

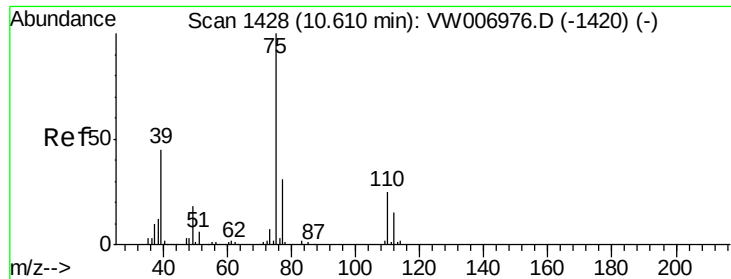
Tgt Ion: 43 Resp: 67331
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.8 47.6



#52
 Toluene
 Concen: 19.480 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 92 Resp: 67531
 Ion Ratio Lower Upper
 92 100
 91 175.7 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 20.255 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

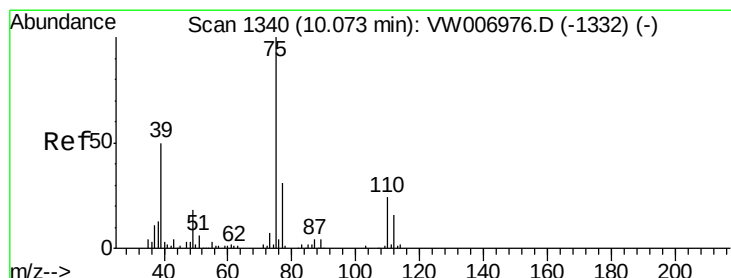
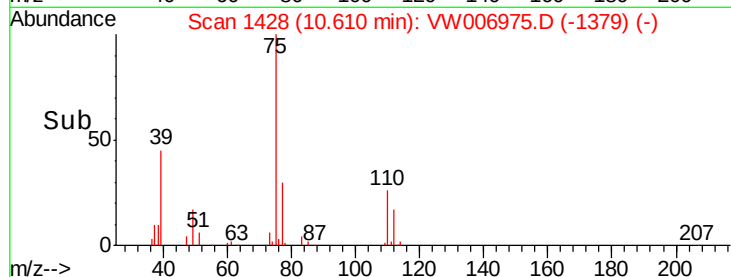
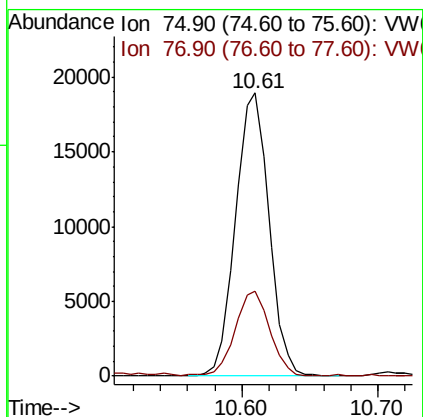
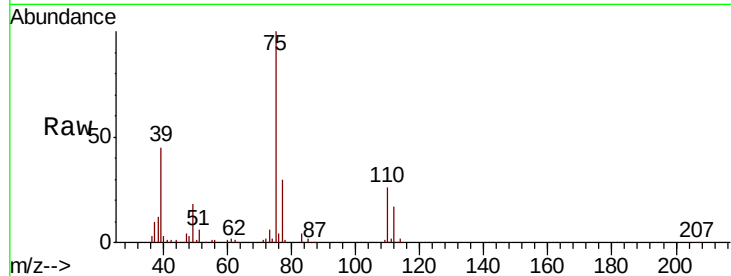
VSTDIC020

Tgt Ion: 75 Resp: 32508

Ion Ratio Lower Upper

75 100

77 29.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 20.778 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

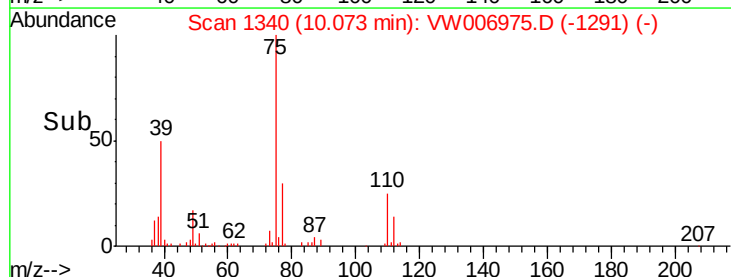
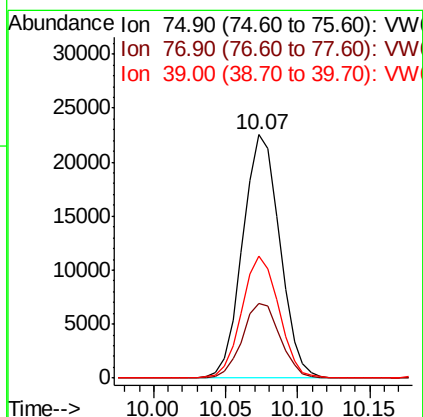
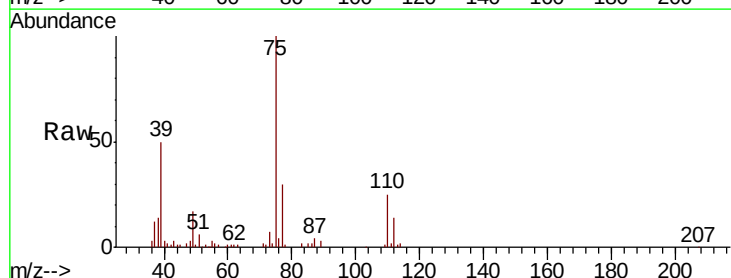
Tgt Ion: 75 Resp: 40289

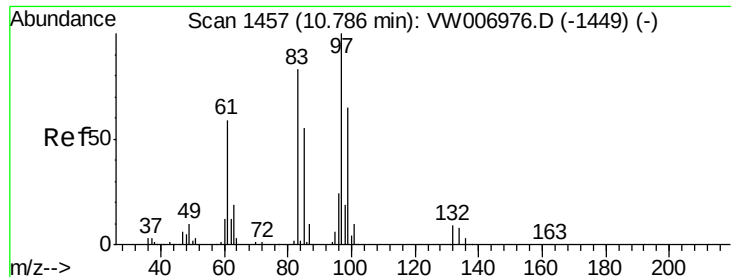
Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6

39 50.1 39.9 59.9

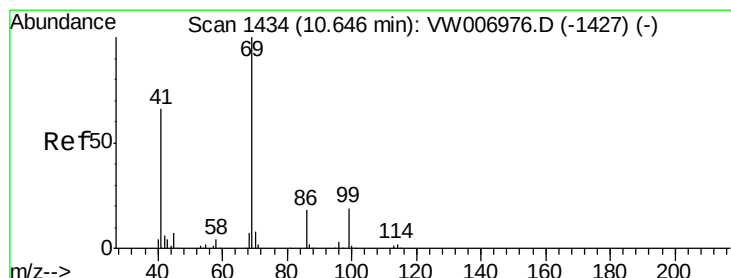
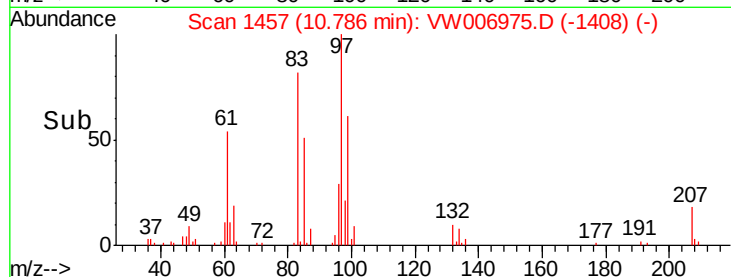
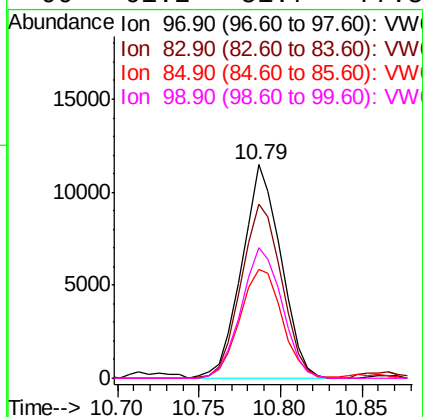
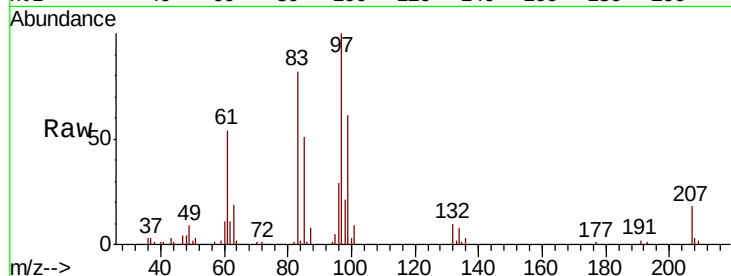




#55
 1,1,2-Trichloroethane
 Concen: 20.823 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

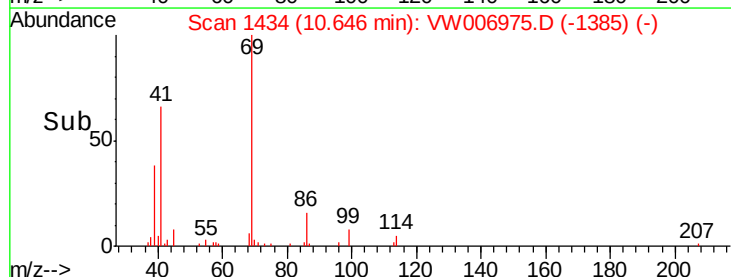
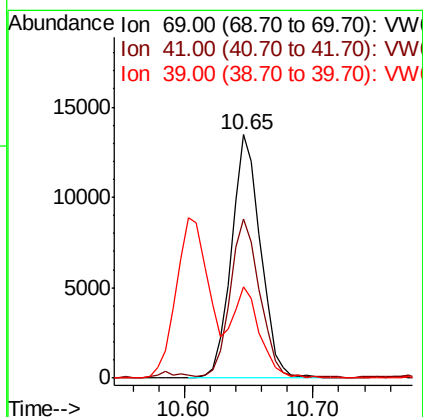
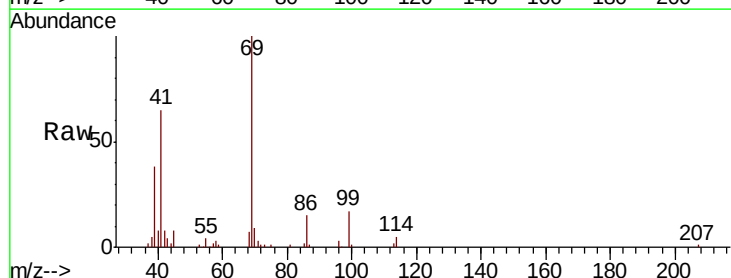
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

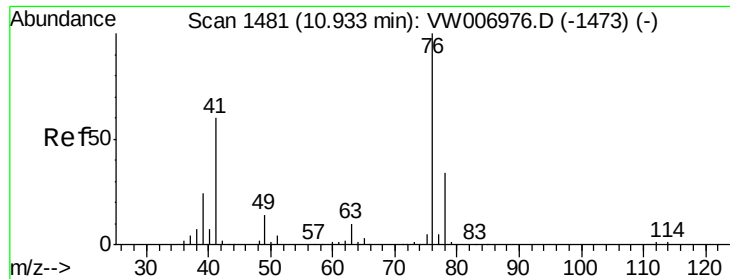
Tgt Ion:	97	Resp:	19265
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.4	99.6
85	51.0	44.1	66.1
99	61.2	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 19.681 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion:	69	Resp:	21136
Ion	Ratio	Lower	Upper
69	100		
41	65.9	53.4	80.0
39	36.8	28.2	42.4

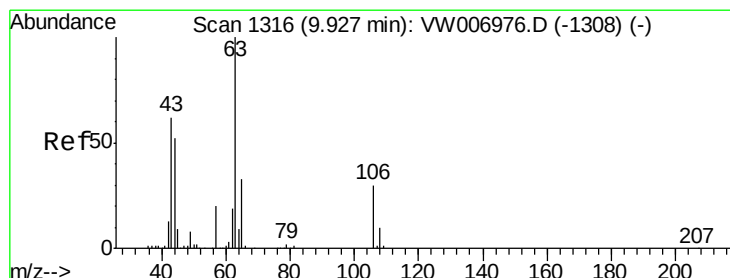
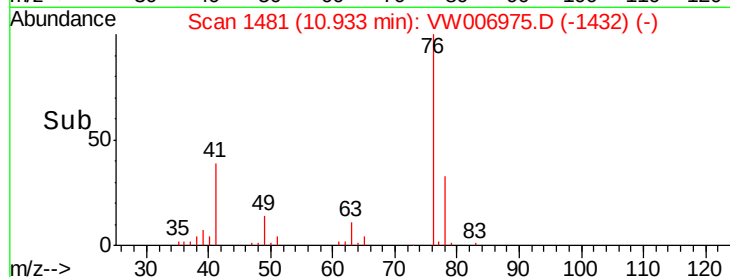
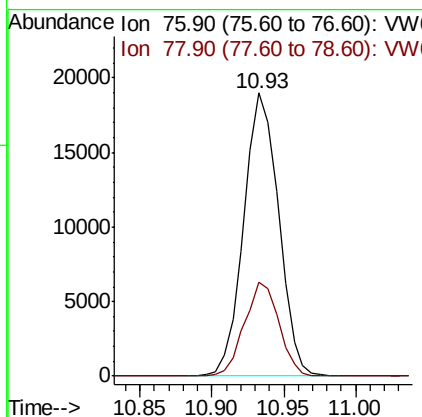
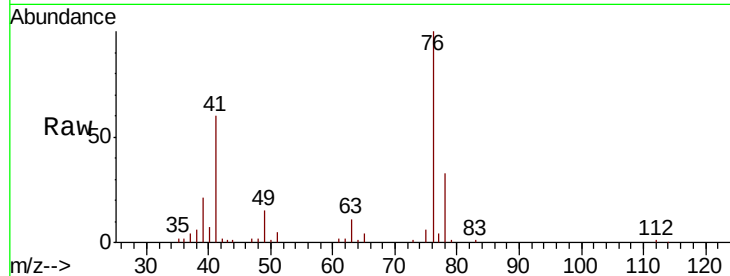




#57
 1,3-Dichloropropane
 Concen: 20.532 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

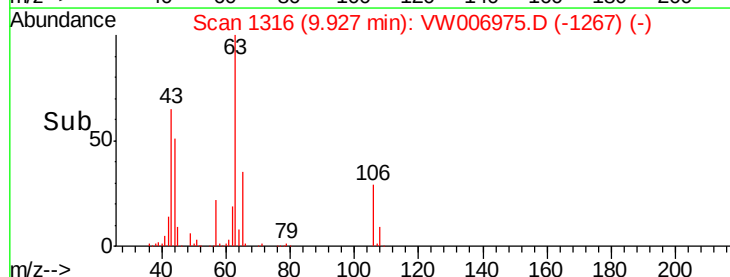
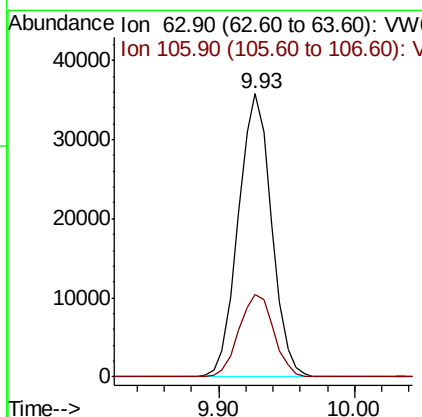
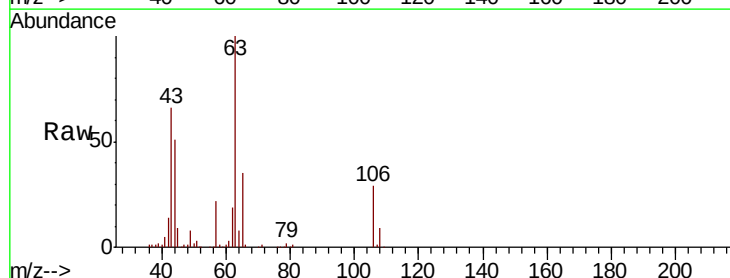
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

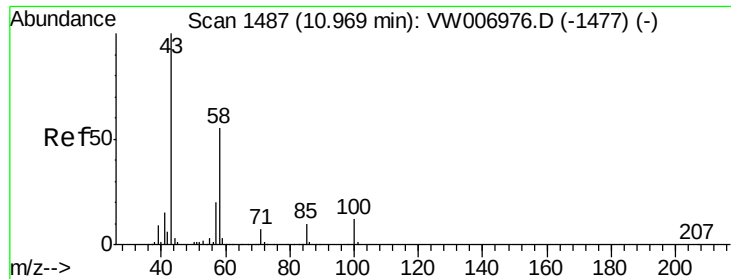
Tgt Ion: 76 Resp: 31834
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.980 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 63 Resp: 61158
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.5 35.3

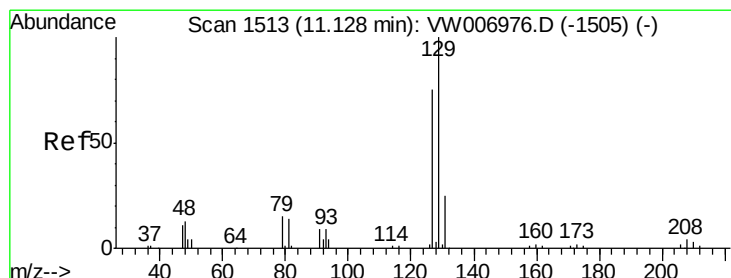
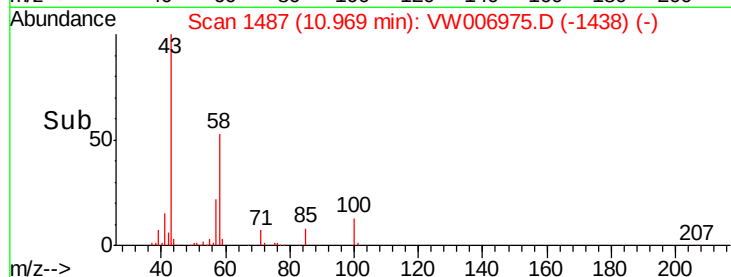
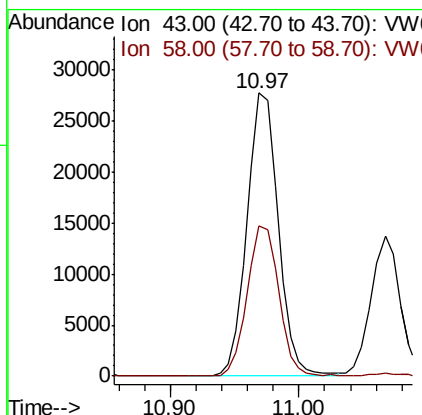
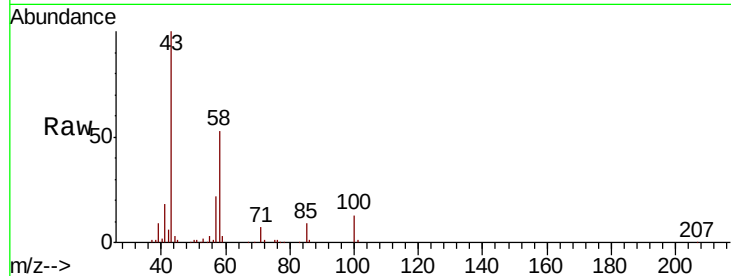




#59
2-Hexanone
Concen: 103.129 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

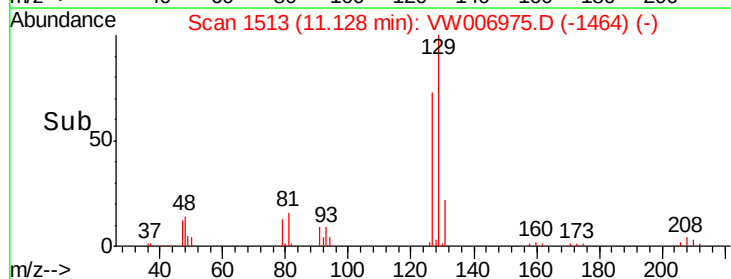
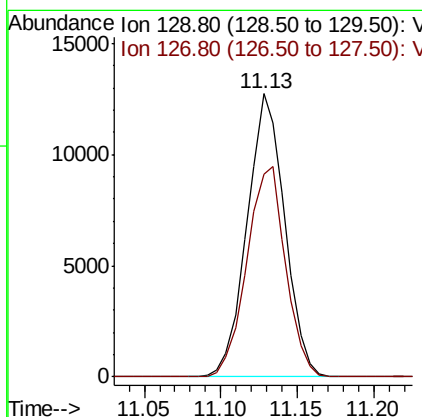
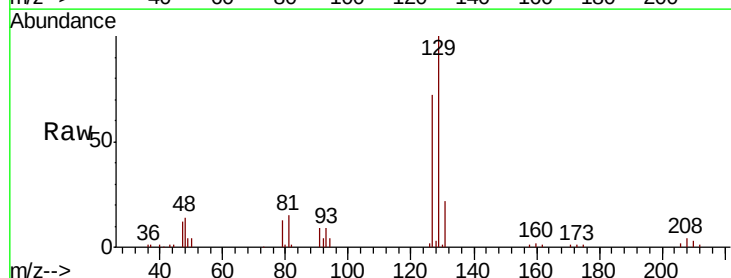
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

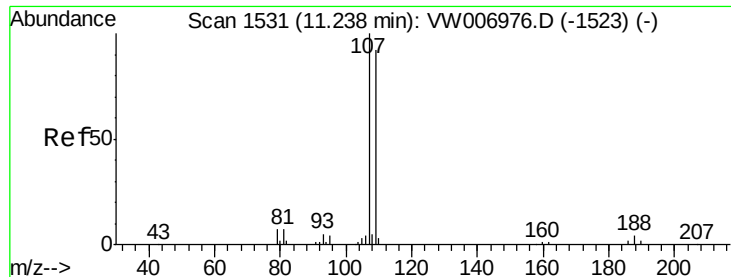
Tgt Ion: 43 Resp: 46509
Ion Ratio Lower Upper
43 100
58 53.7 27.3 81.8



#60
Dibromochloromethane
Concen: 20.649 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 129 Resp: 21768
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8

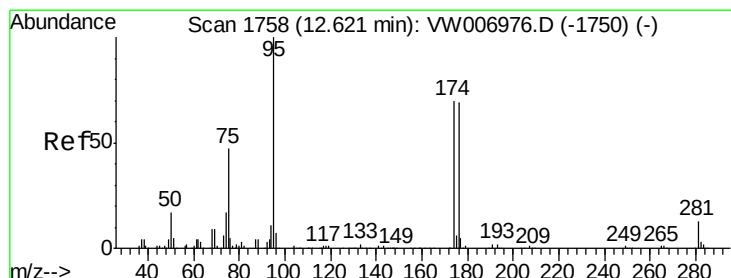
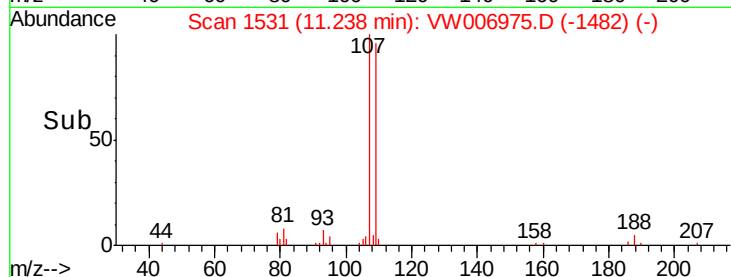
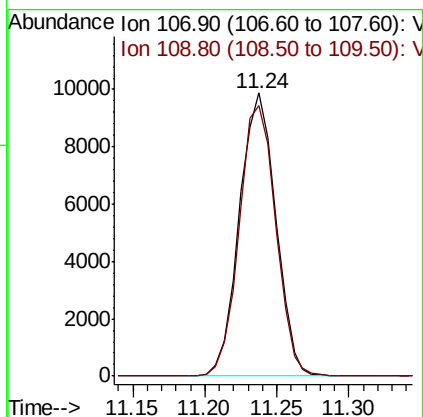
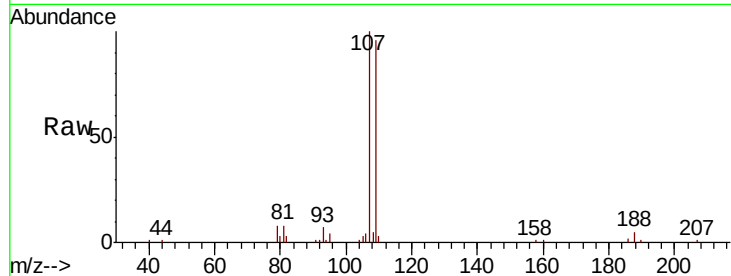




#61
 1,2-Dibromoethane
 Concen: 20.439 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

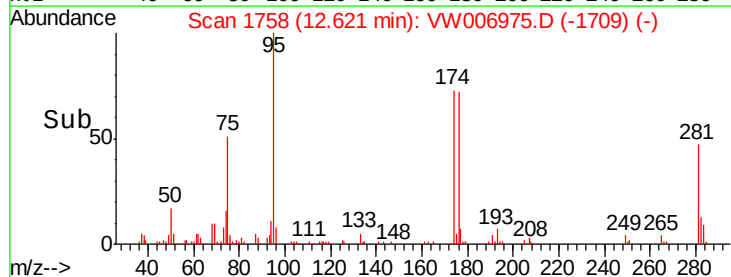
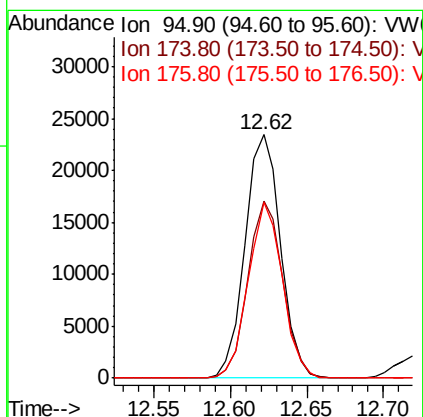
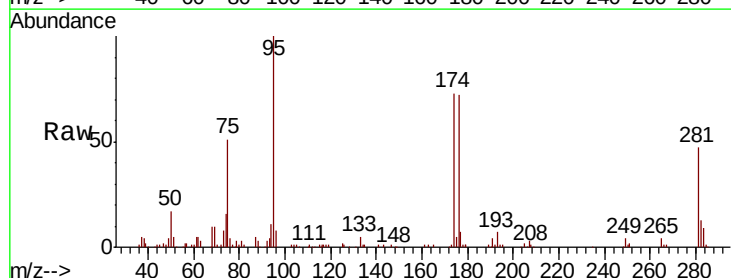
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

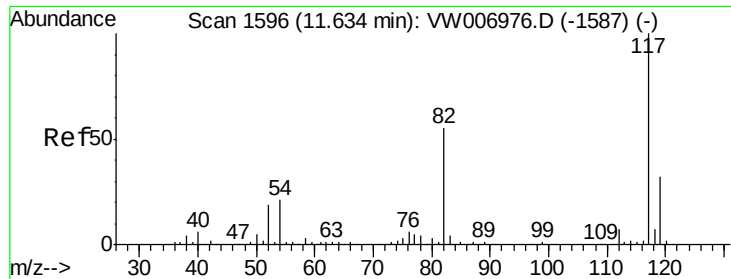
Tgt Ion: 107 Resp: 17298
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 19.957 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 95 Resp: 37820
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 143.6
 176 69.5 0.0 140.4

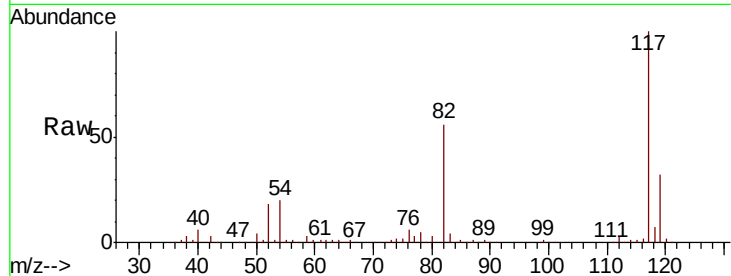




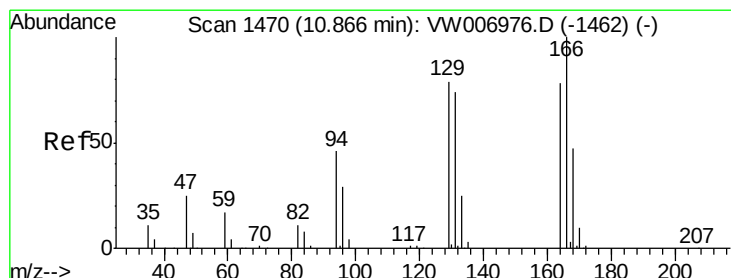
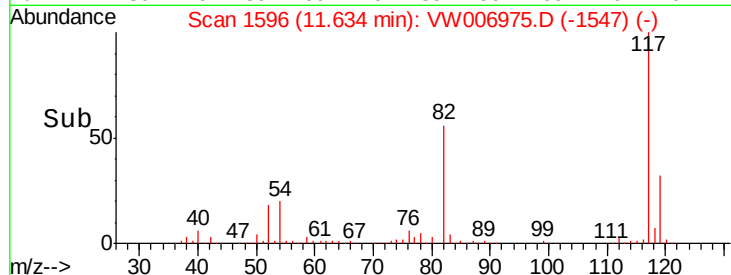
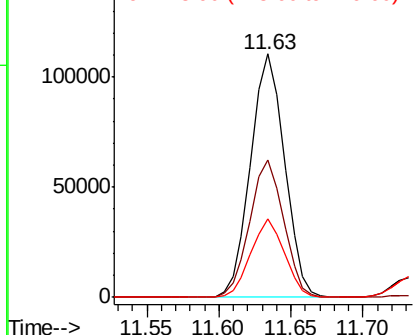
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 180631
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.4 25.9 38.9



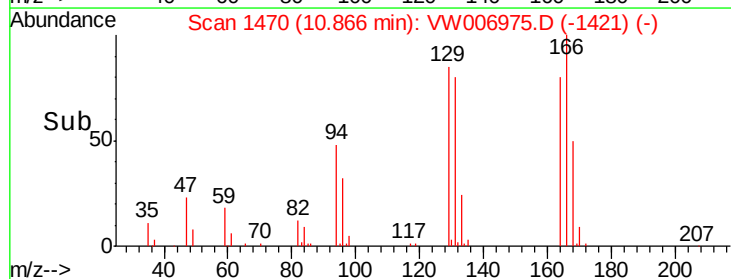
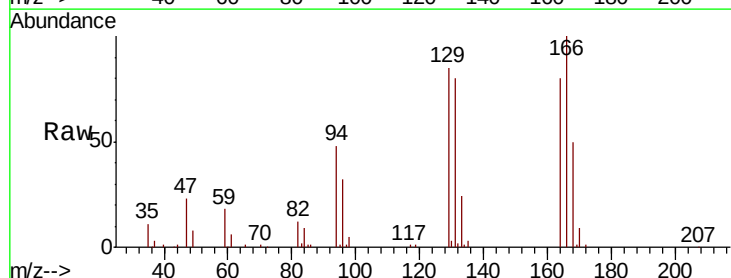
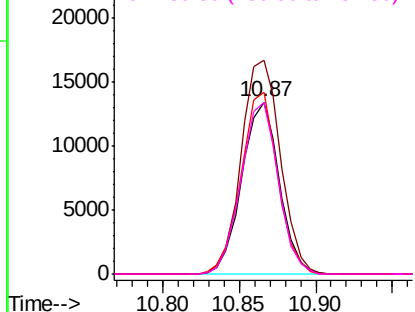
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

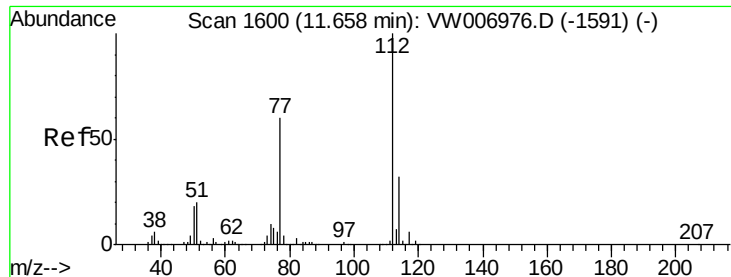


#64
Tetrachloroethene
Concen: 19.627 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion:164 Resp: 22807
Ion Ratio Lower Upper
164 100
166 124.3 102.1 153.1
129 106.1 80.4 120.6
131 100.1 75.2 112.8

Abundance Ion 163.80 (163.50 to 164.50): V
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

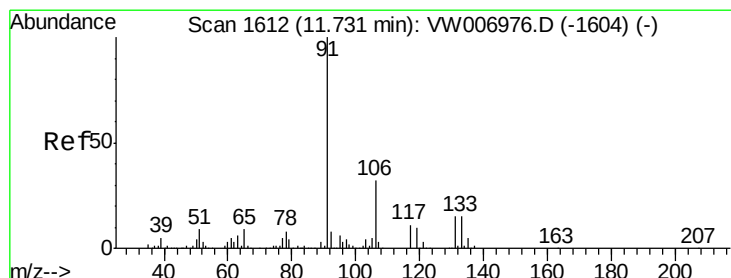
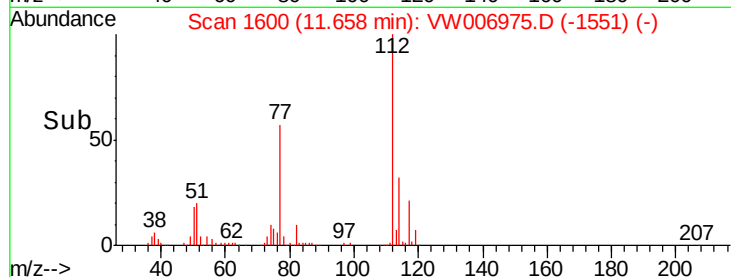
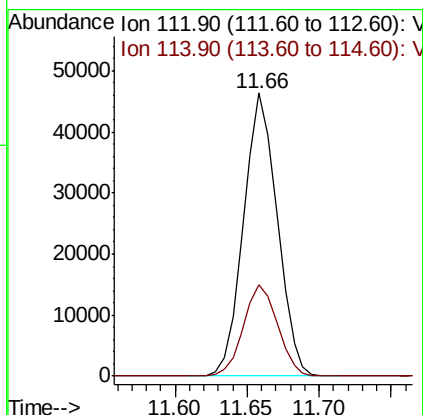
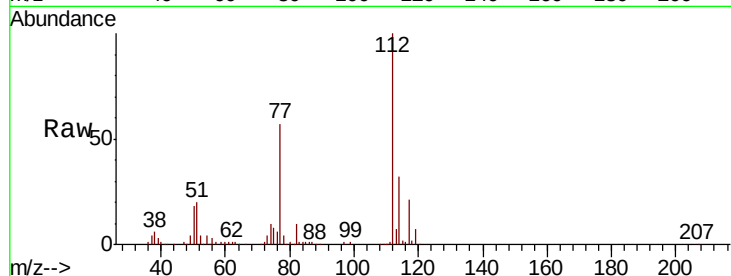




#65
Chlorobenzene
Concen: 19.900 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

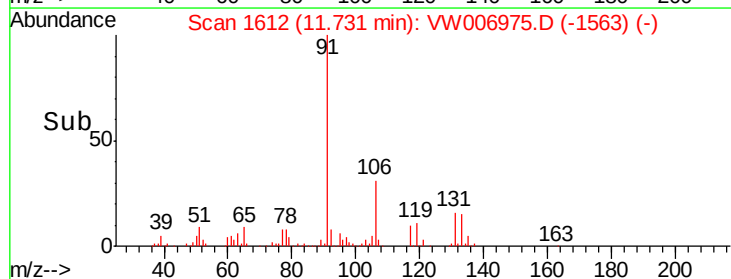
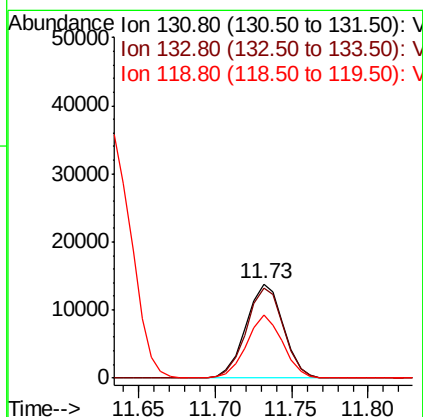
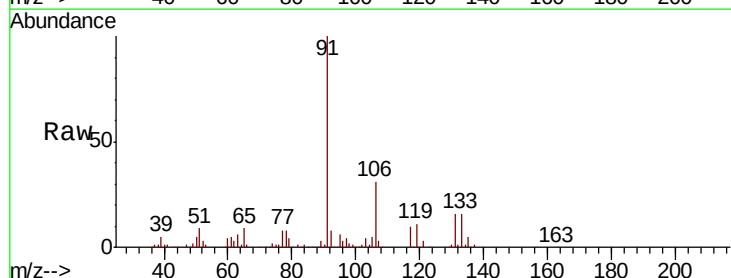
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

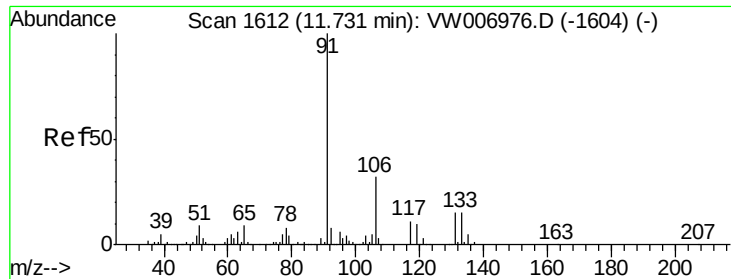
Tgt Ion:112 Resp: 75022
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.585 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion:131 Resp: 23476
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 65.1 31.8 95.3

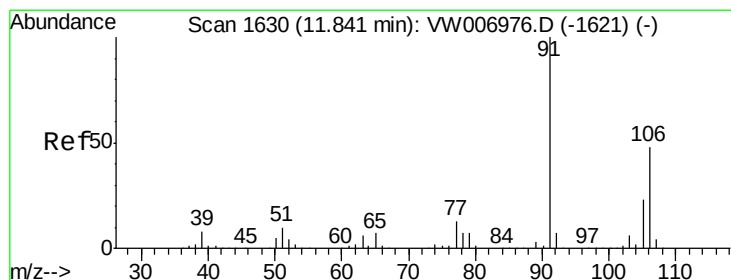
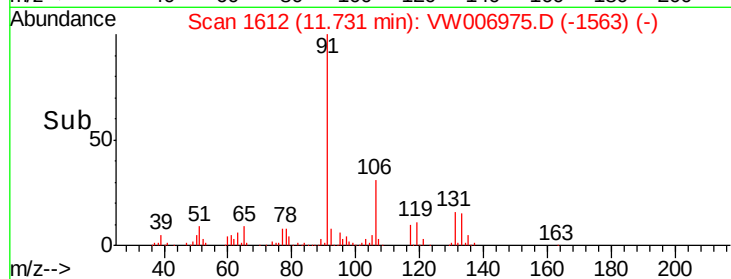
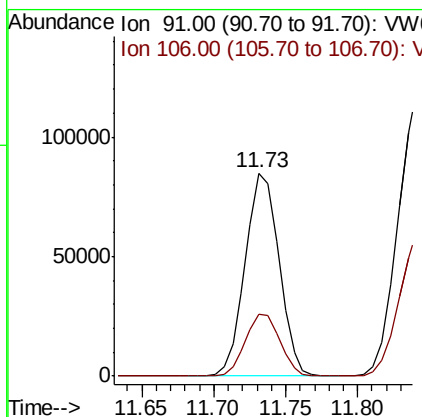
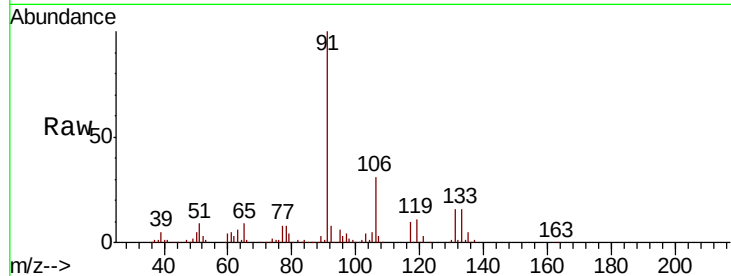




#67
Ethyl Benzene
Concen: 19.956 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

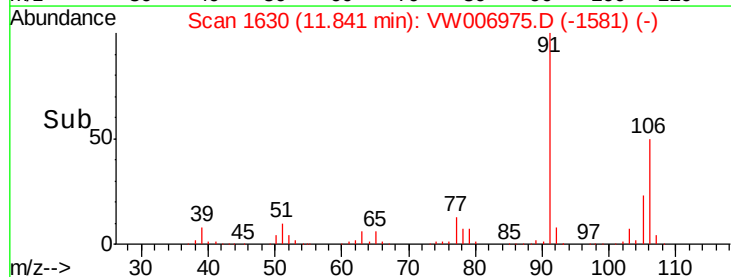
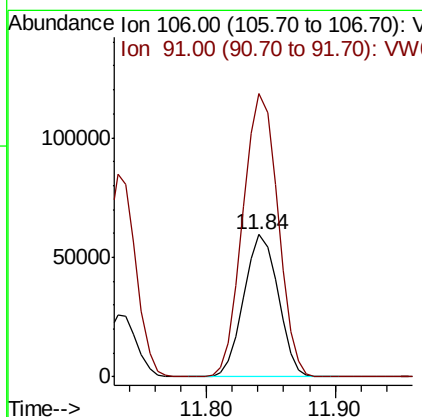
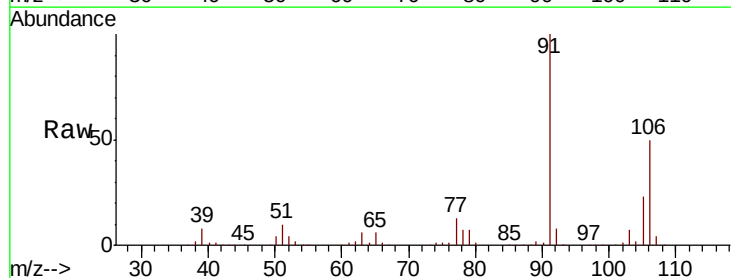
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

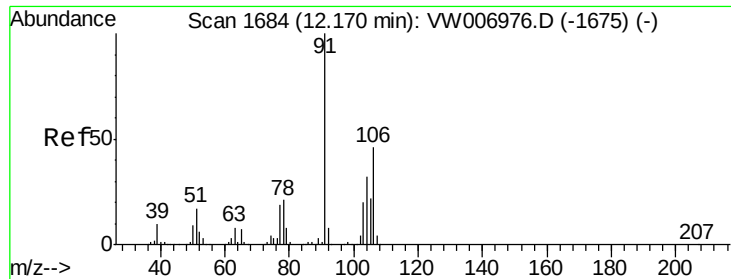
Tgt Ion: 91 Resp: 138214
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2



#68
m/p-Xylenes
Concen: 40.476 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 106 Resp: 109980
Ion Ratio Lower Upper
106 100
91 203.3 164.8 247.2

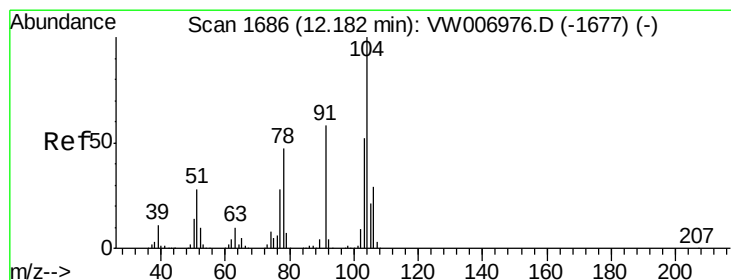
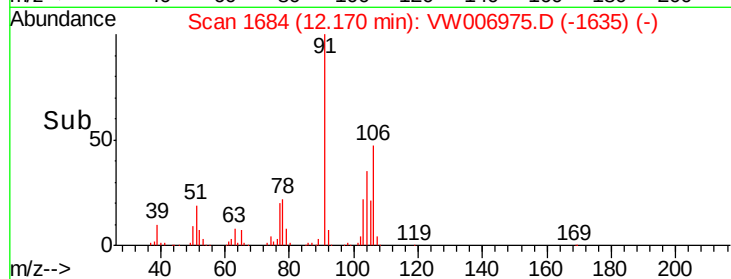
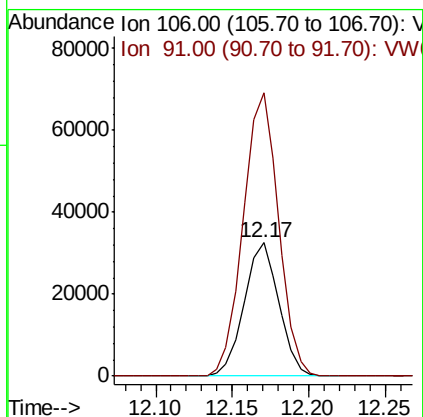
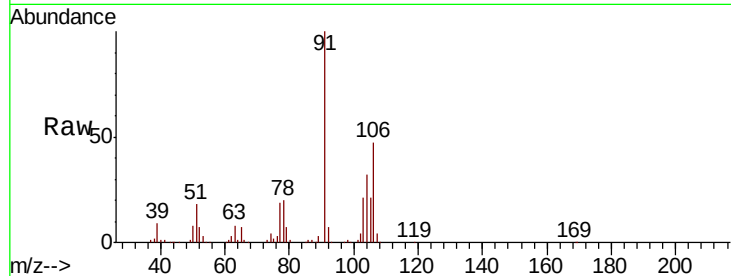




#69
o-Xylene
Concen: 20.052 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

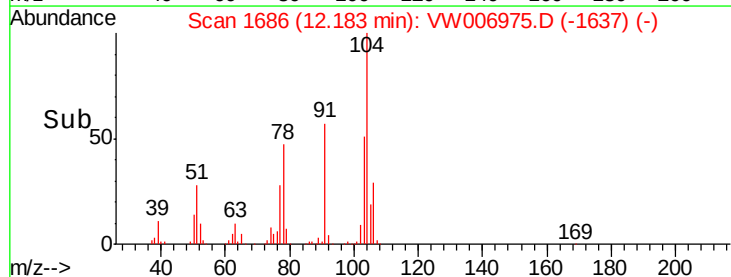
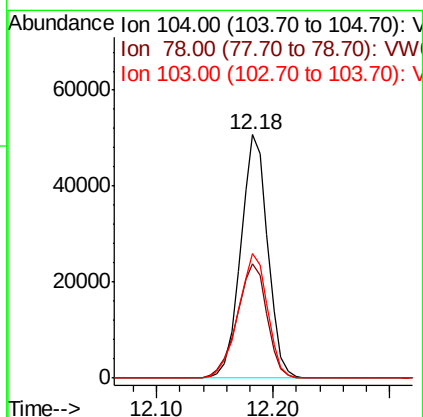
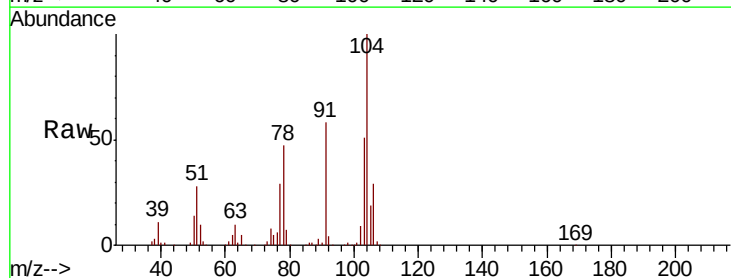
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

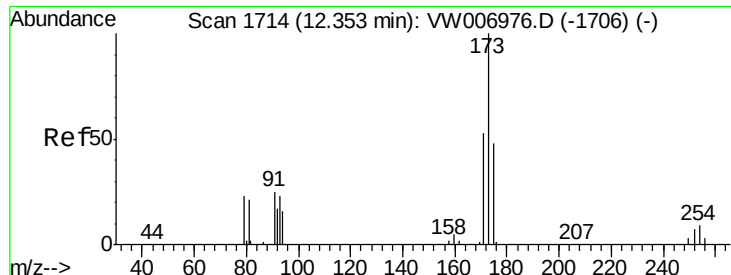
Tgt Ion:106 Resp: 51374
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.8



#70
Styrene
Concen: 19.991 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion:104 Resp: 81520
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 55.8 44.4 66.6





#71

Bromoform

Concen: 20.543 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

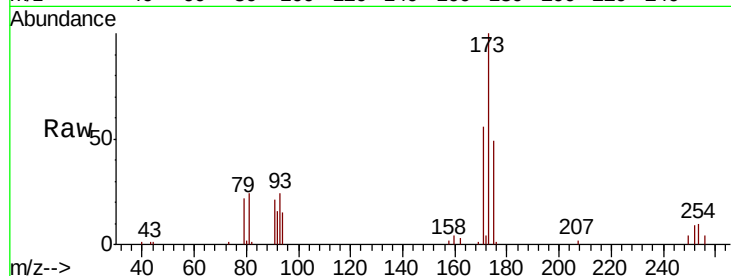
Tgt Ion:173 Resp: 11037

Ion Ratio Lower Upper

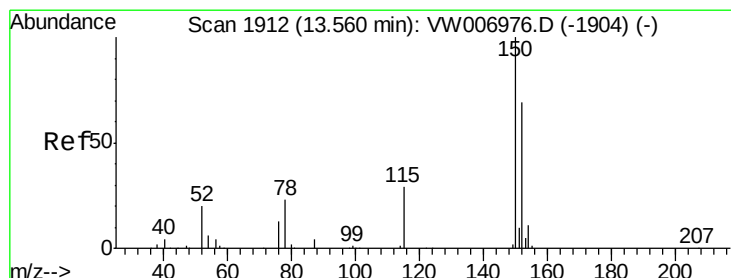
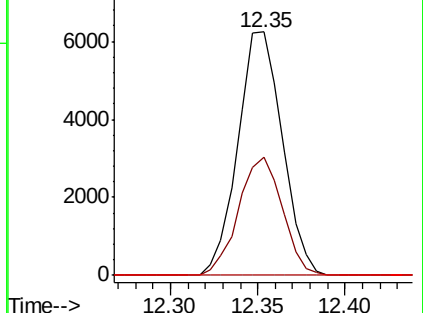
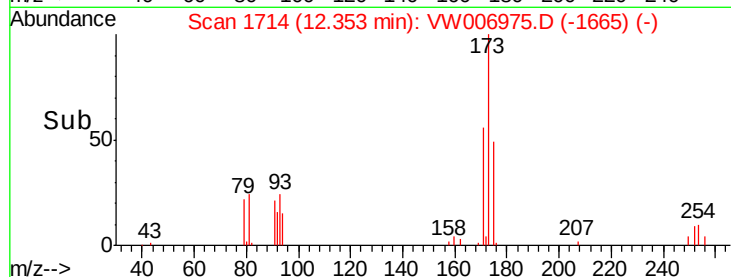
173 100

175 47.7 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: VW006975.D

Acq: 20 Nov 2018 14:39

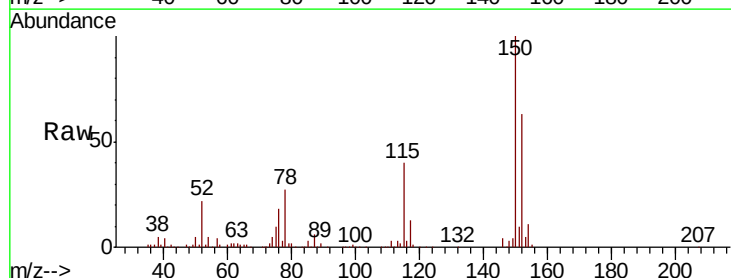
Tgt Ion:152 Resp: 91640

Ion Ratio Lower Upper

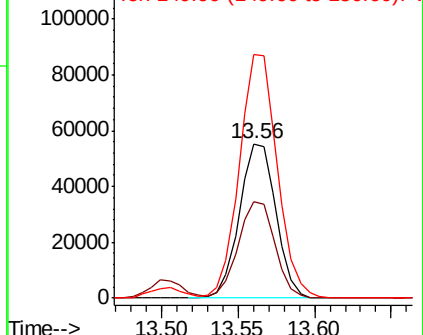
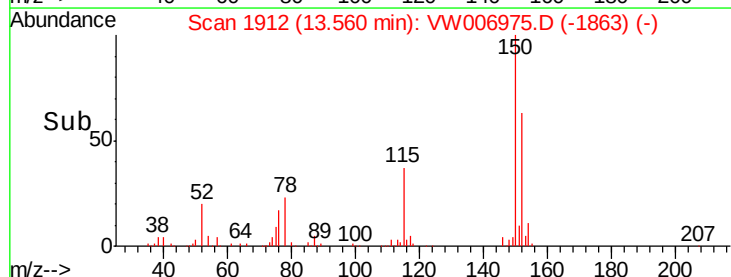
152 100

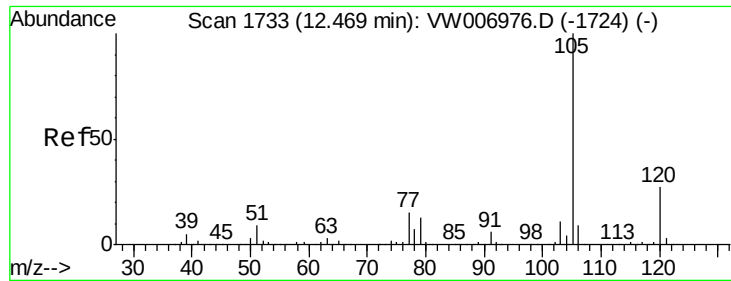
115 62.6 31.4 94.2

150 163.9 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: 19.761 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

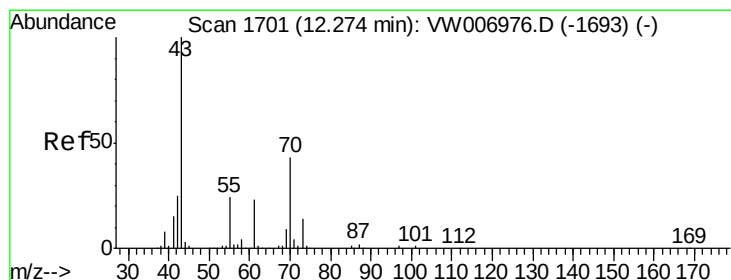
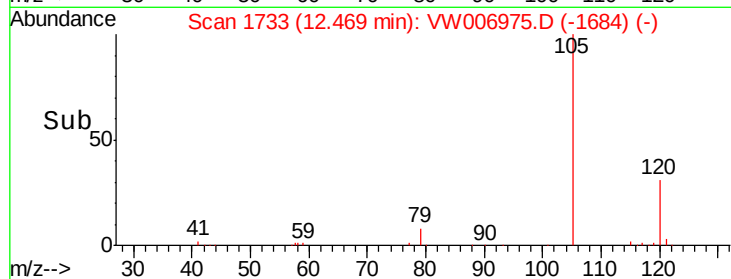
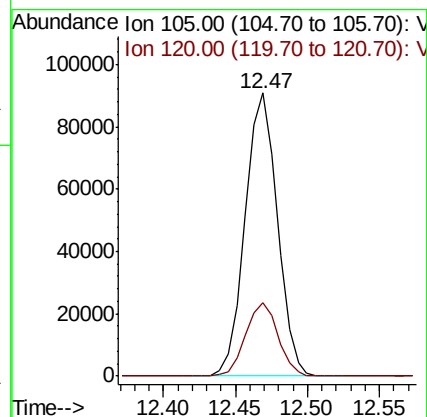
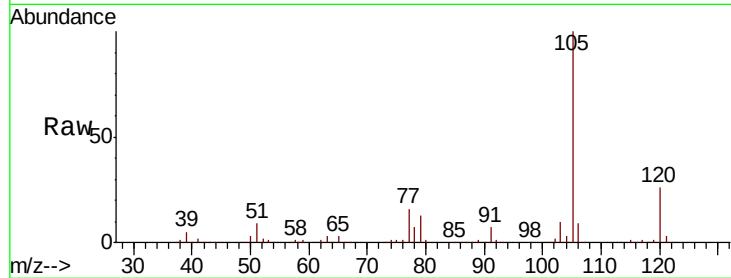
VSTDIC020

Tgt Ion: 105 Resp: 140744

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 19.753 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion: 43 Resp: 23579

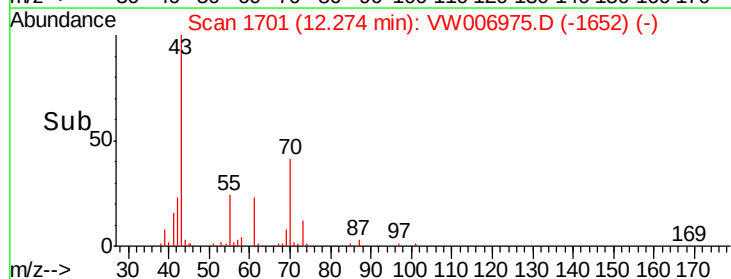
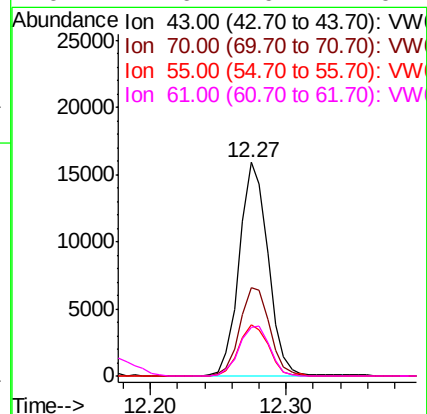
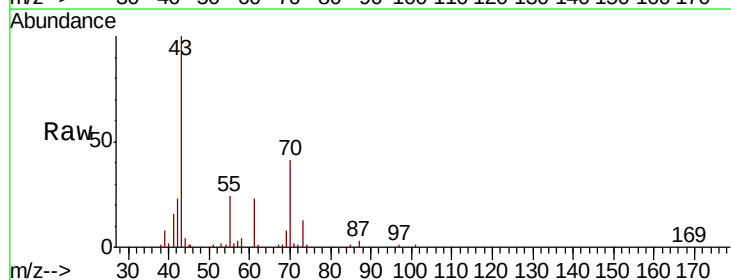
Ion Ratio Lower Upper

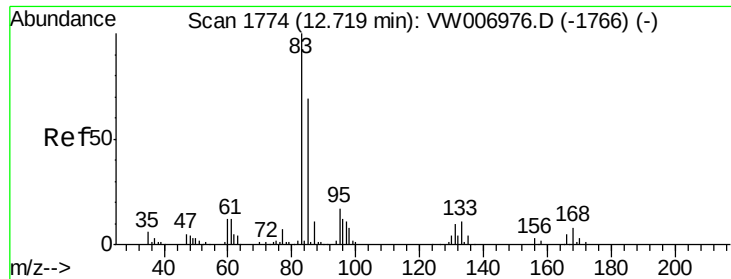
43 100

70 42.7 34.0 51.0

55 24.9 19.4 29.0

61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.291 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

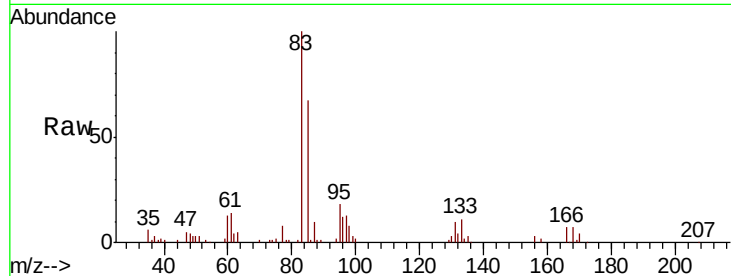
Tgt Ion: 83 Resp: 19233

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.1

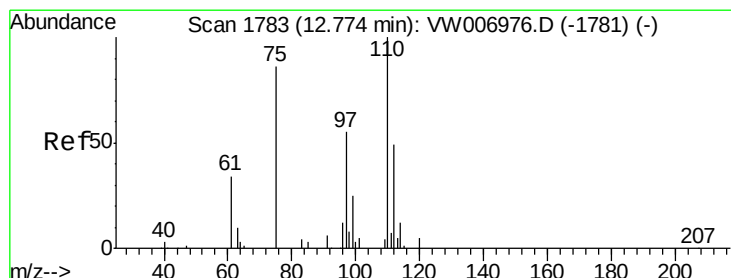
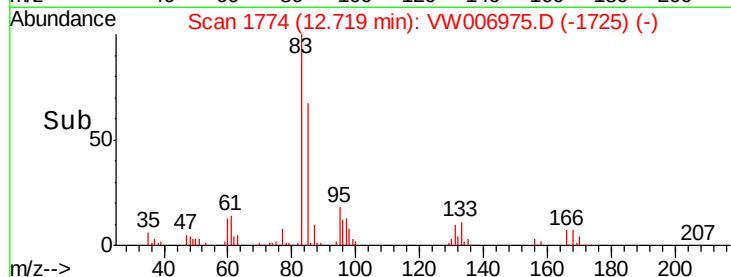
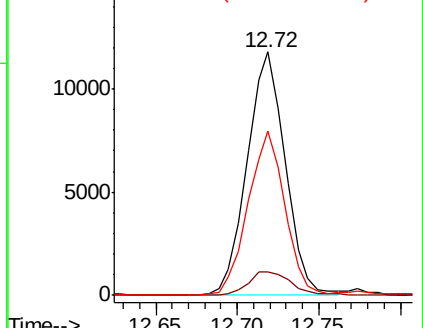
85 65.2 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 22.181 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006975.D

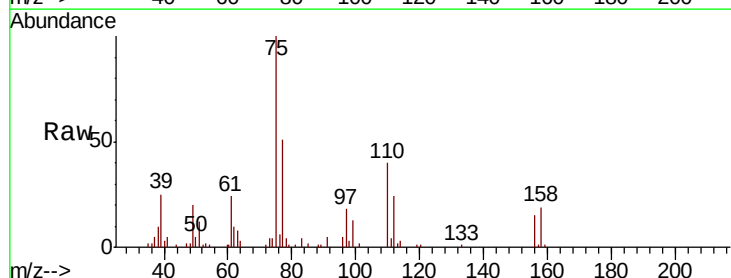
Acq: 20 Nov 2018 14:39

Tgt Ion: 75 Resp: 26309

Ion Ratio Lower Upper

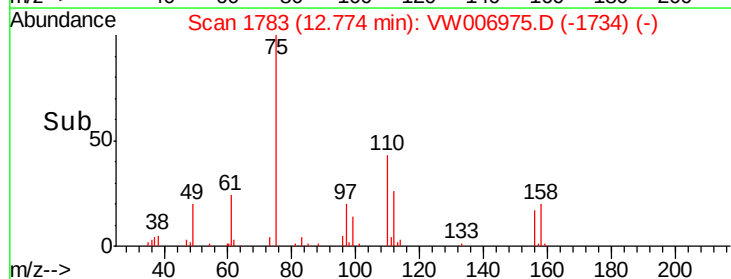
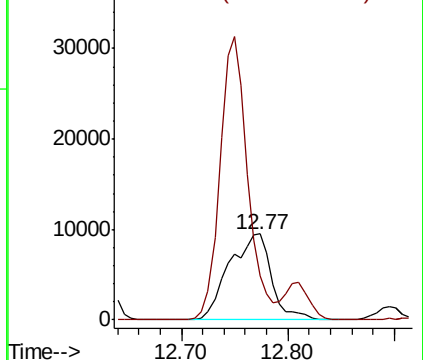
75 100

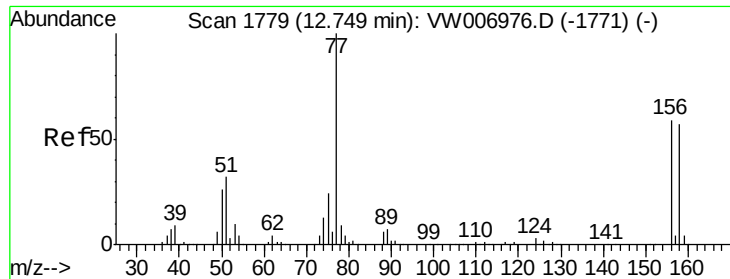
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.194 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

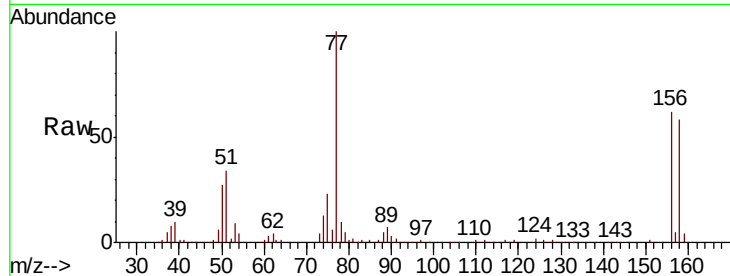
Tgt Ion: 156 Resp: 30891

Ion Ratio Lower Upper

156 100

77 183.1 94.6 283.8

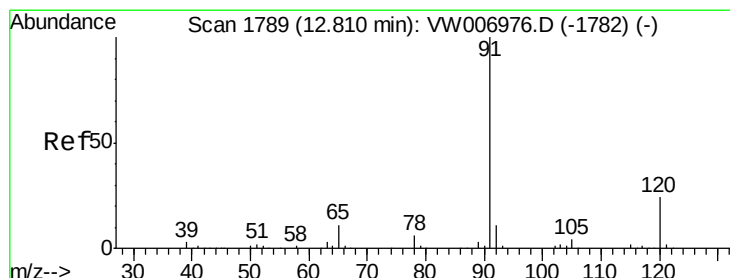
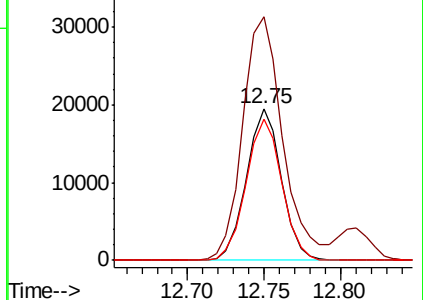
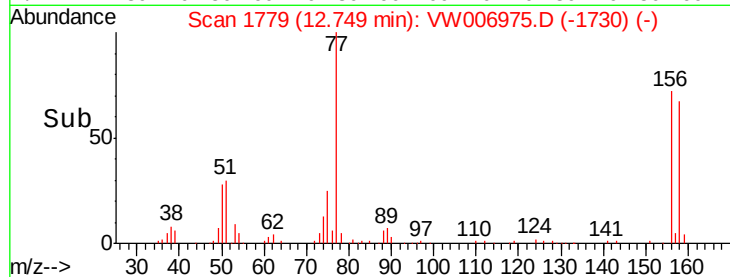
158 95.4 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.762 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006975.D

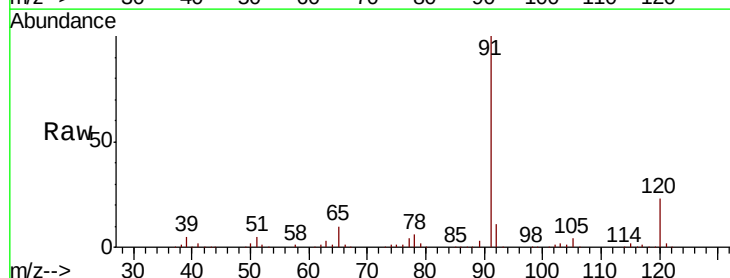
Acq: 20 Nov 2018 14:39

Tgt Ion: 91 Resp: 170492

Ion Ratio Lower Upper

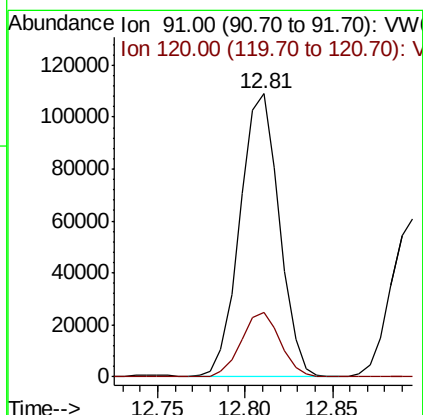
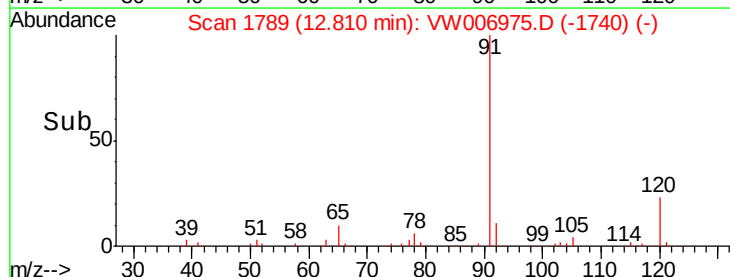
91 100

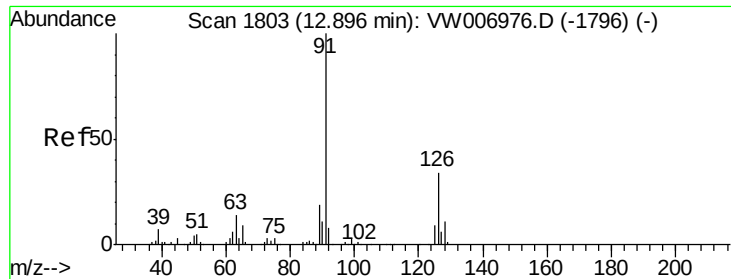
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.643 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

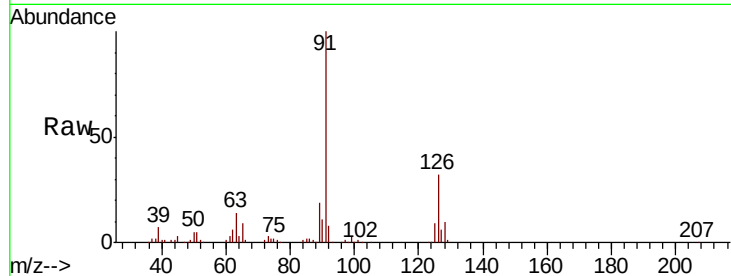
VSTDIC020

Tgt Ion: 91 Resp: 97710

Ion Ratio Lower Upper

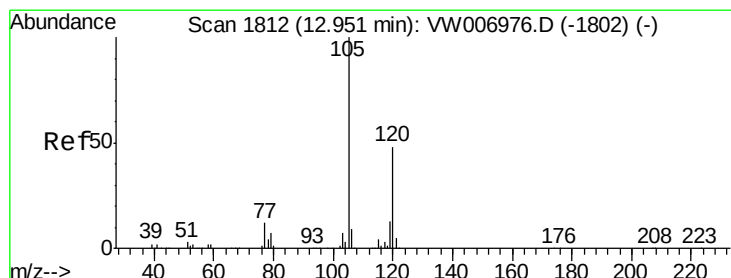
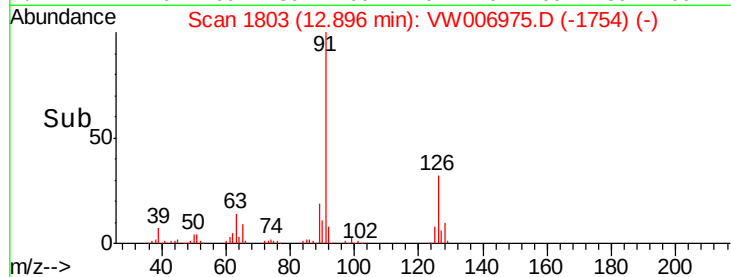
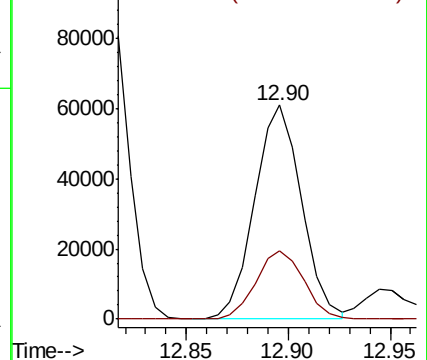
91 100

126 32.3 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.701 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW006975.D

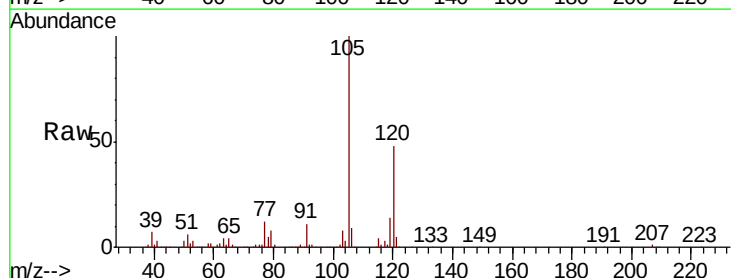
Acq: 20 Nov 2018 14:39

Tgt Ion: 105 Resp: 121339

Ion Ratio Lower Upper

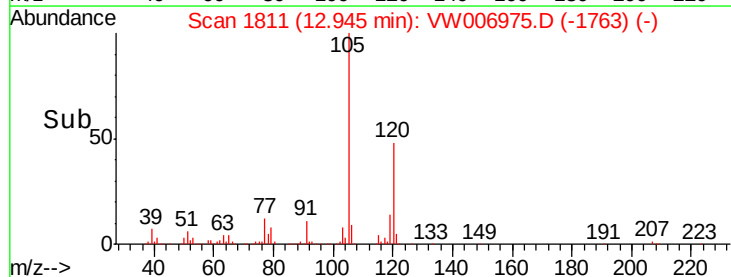
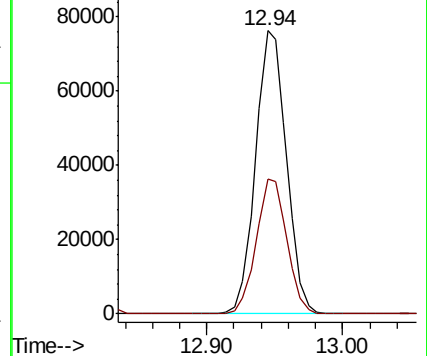
105 100

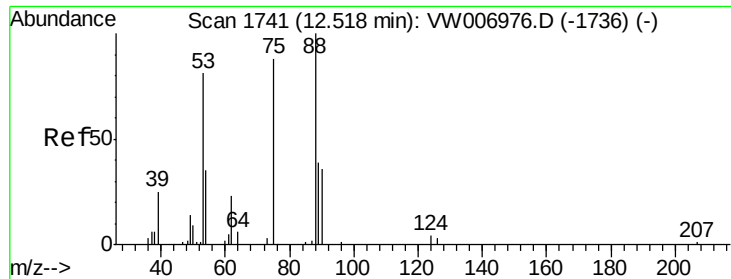
120 47.3 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.608 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

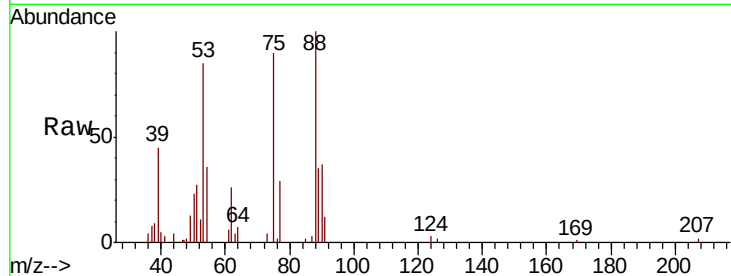
Tgt Ion: 75 Resp: 5624

Ion Ratio Lower Upper

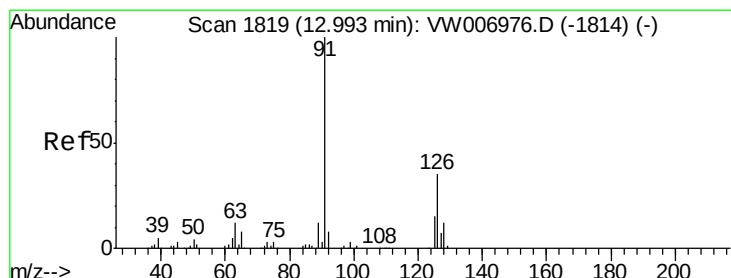
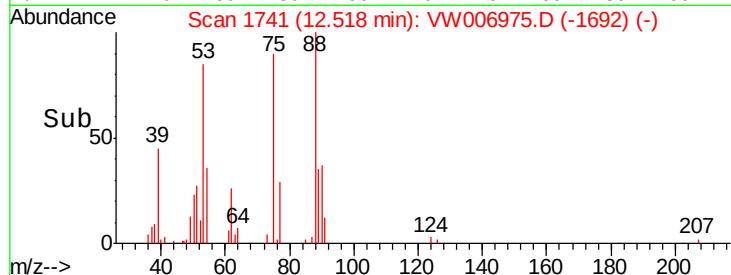
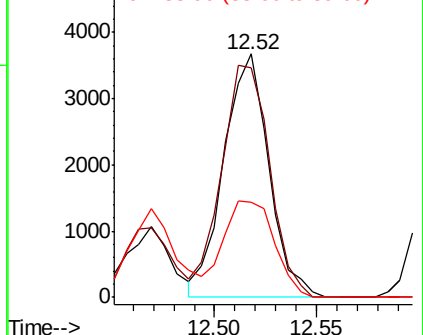
75 100

53 102.2 77.6 116.4

89 44.8 39.3 58.9



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 19.726 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006975.D

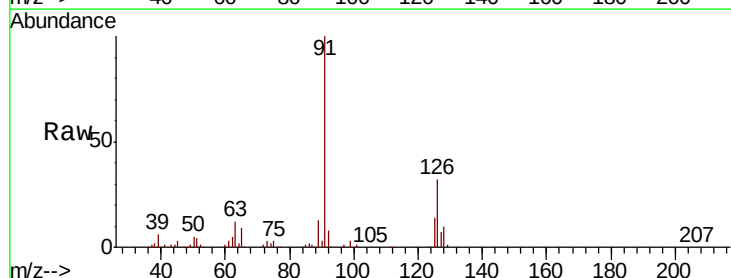
Acq: 20 Nov 2018 14:39

Tgt Ion: 91 Resp: 102972

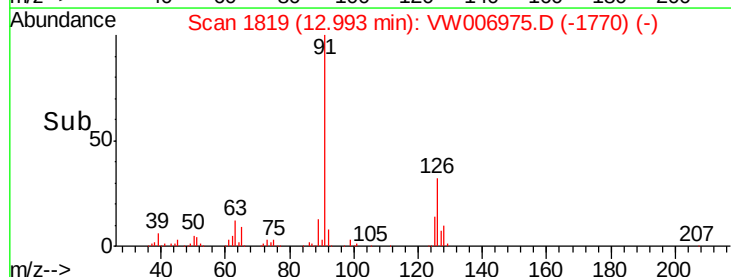
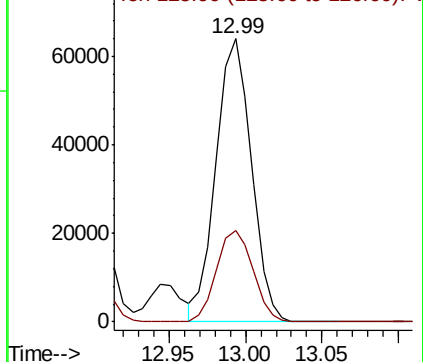
Ion Ratio Lower Upper

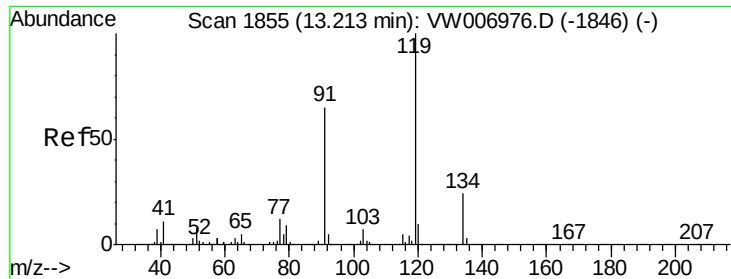
91 100

126 33.2 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

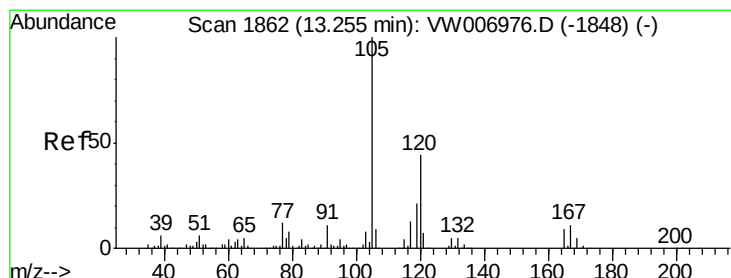
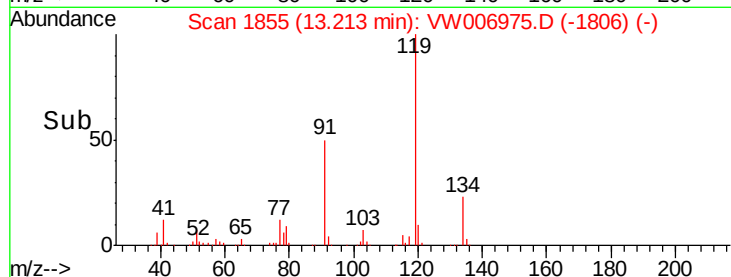
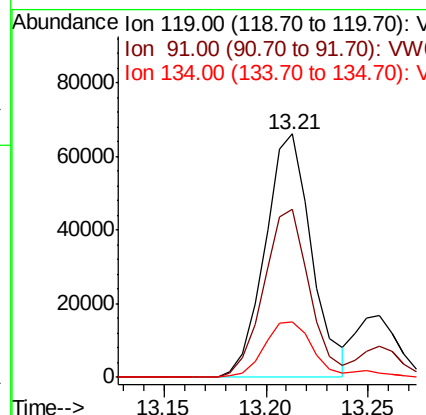
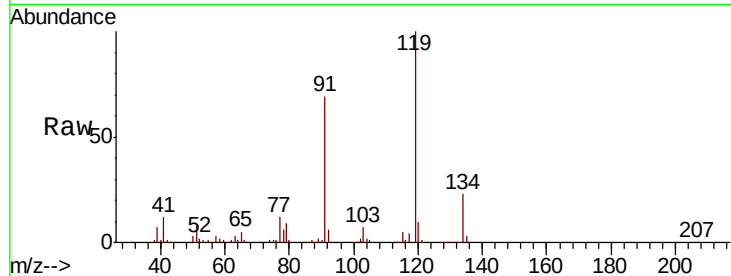




#83
 tert-Butylbenzene
 Concen: 19.686 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

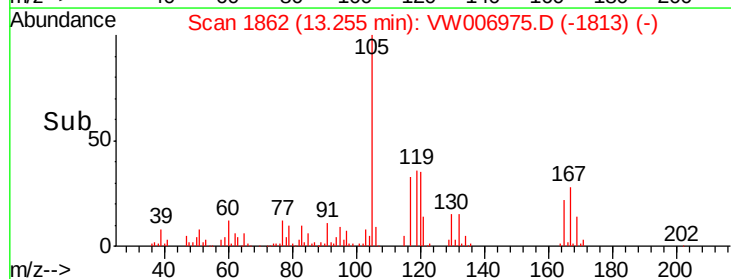
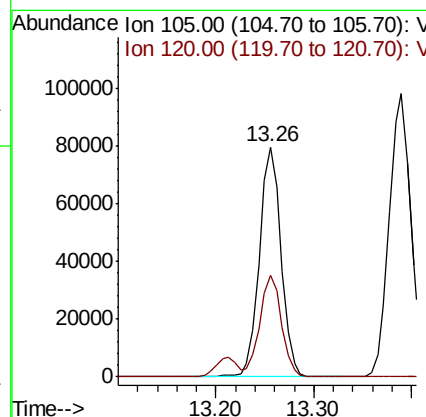
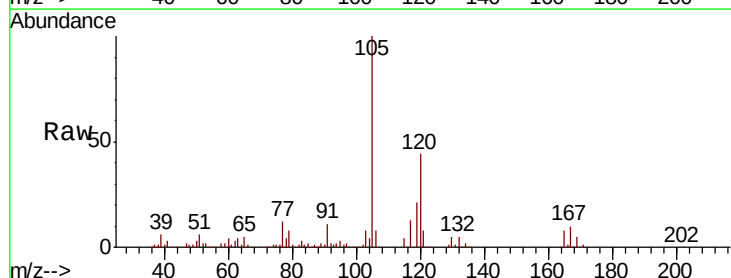
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

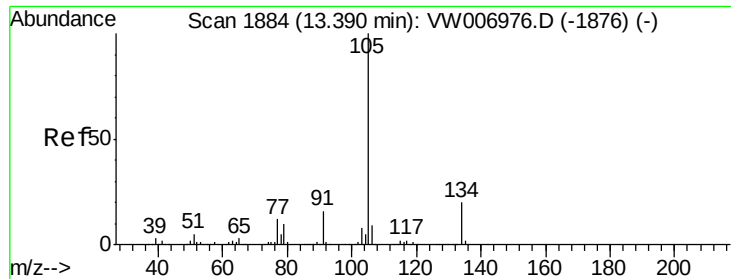
Tgt Ion:119 Resp: 104970
 Ion Ratio Lower Upper
 119 100
 91 67.6 33.5 100.5
 134 24.0 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.883 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion:105 Resp: 122005
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.8 65.3





#85

sec-Butylbenzene

Concen: 19.930 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampled :

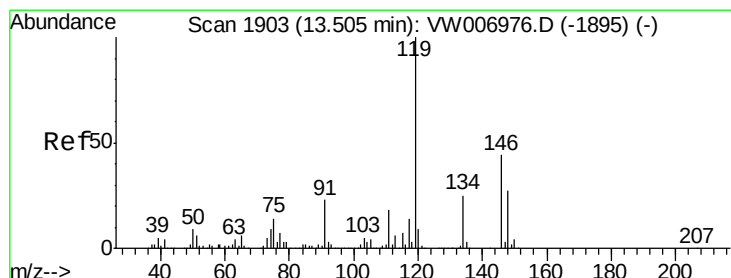
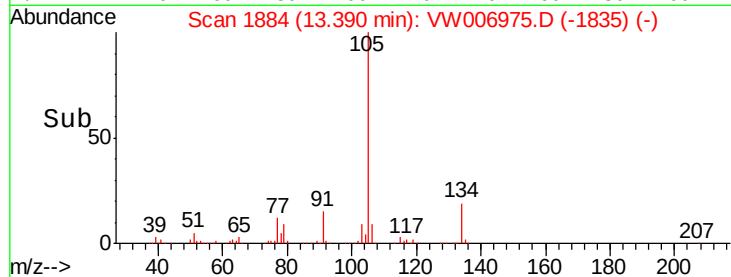
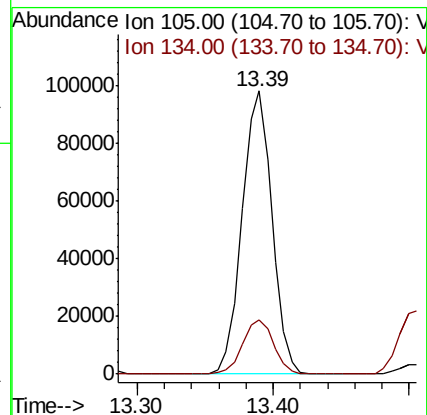
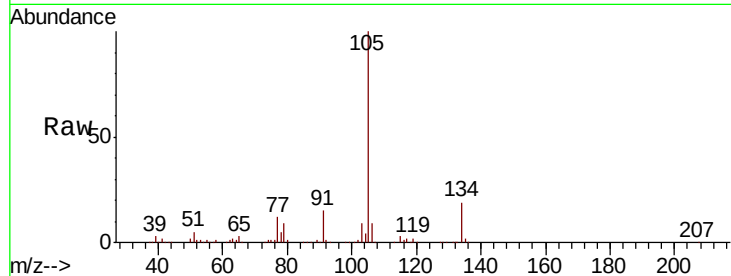
VSTDIC020

Tgt Ion:105 Resp: 150134

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.945 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

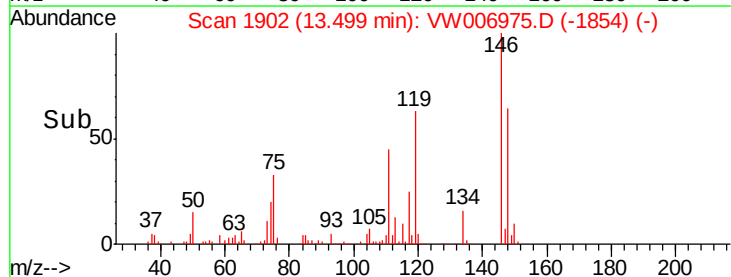
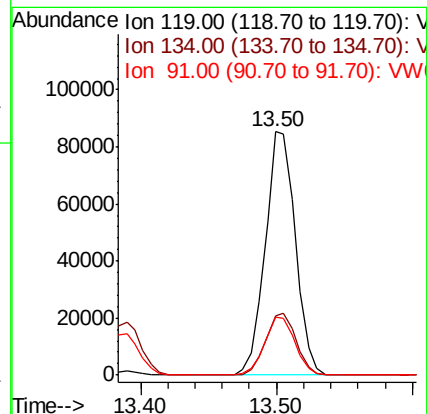
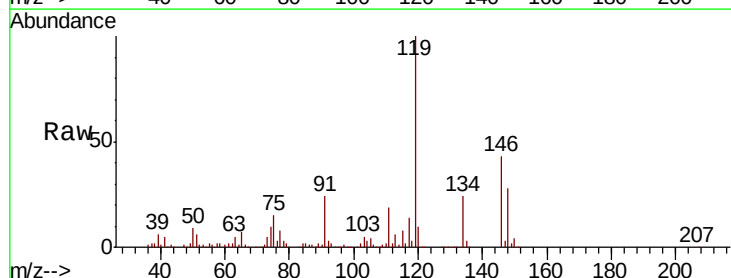
Tgt Ion:119 Resp: 132551

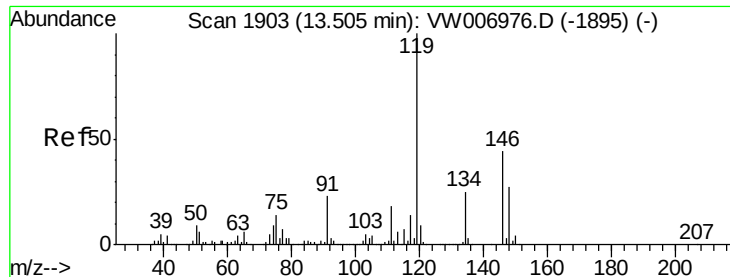
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 24.2 12.2 36.6

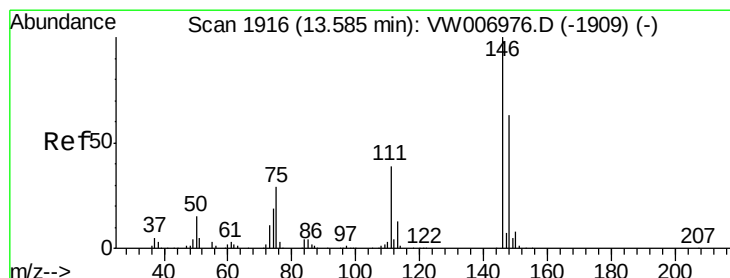
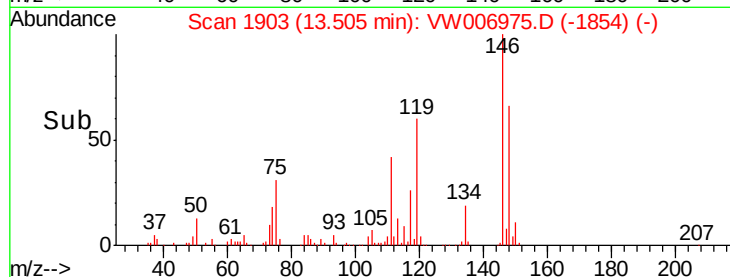
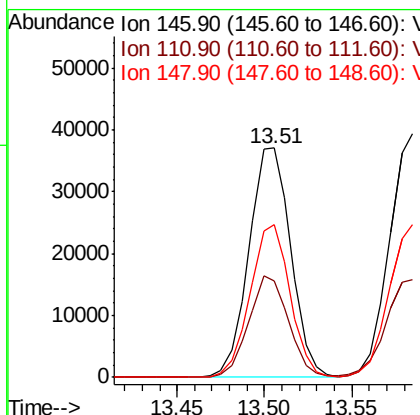
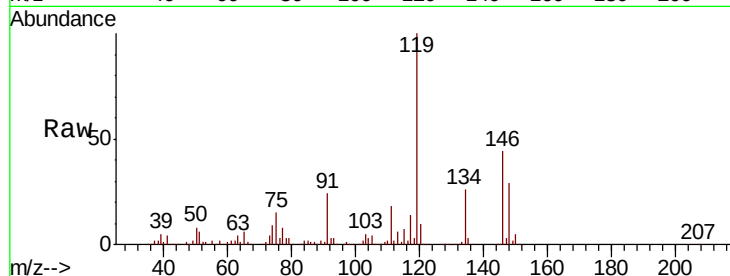




#87
 1,3-Dichlorobenzene
 Concen: 19.842 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

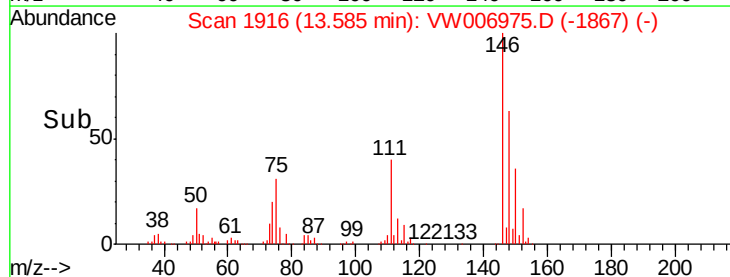
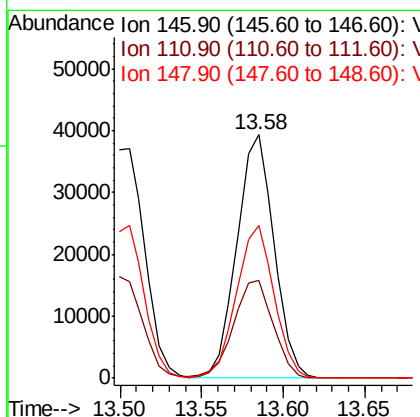
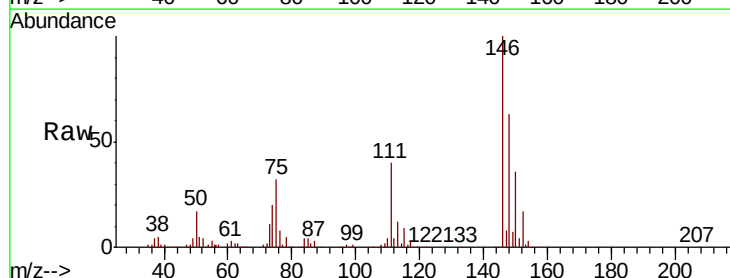
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

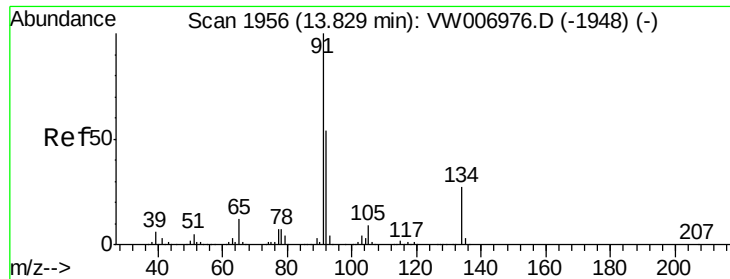
Tgt Ion:146 Resp: 61965
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.087 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion:146 Resp: 62544
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.6 61.8
 148 63.2 32.3 96.8

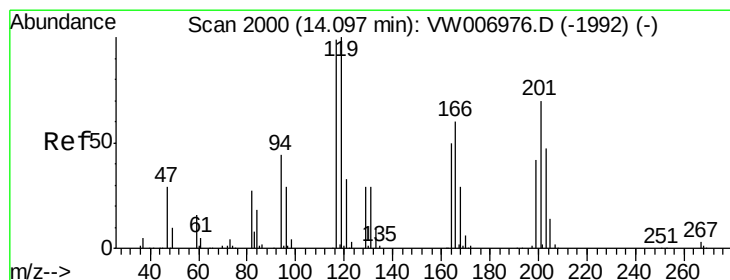
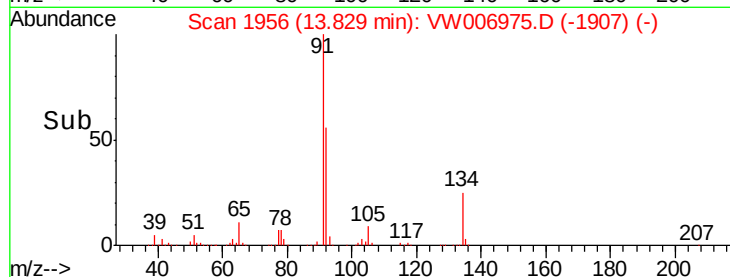
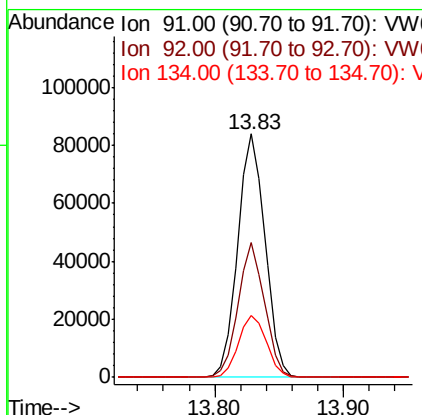
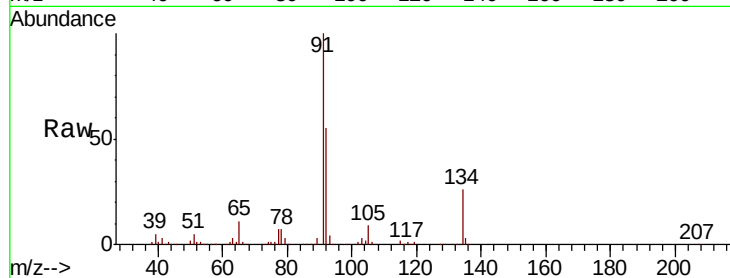




#89
n-Butylbenzene
Concen: 19.679 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

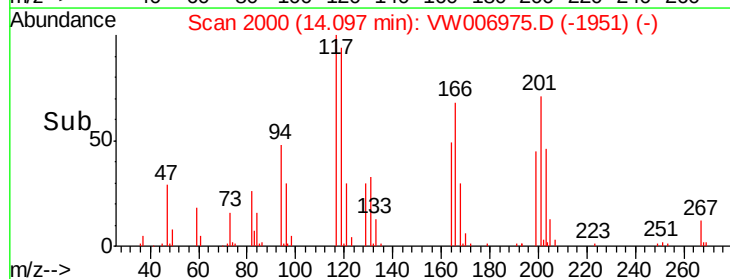
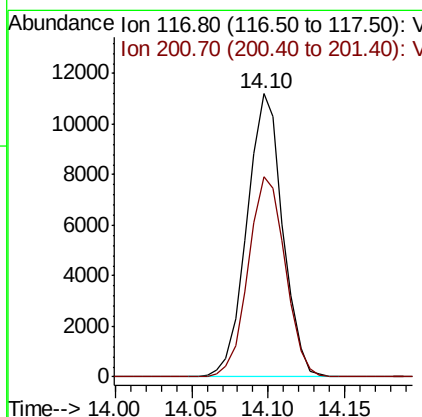
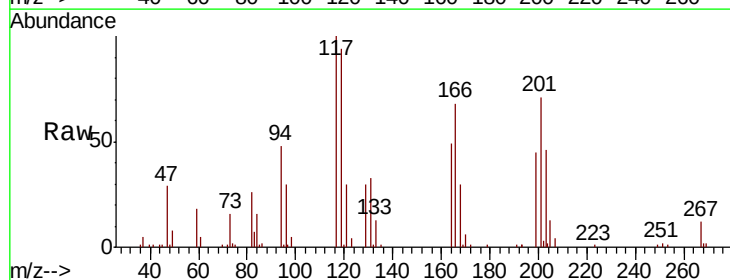
Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

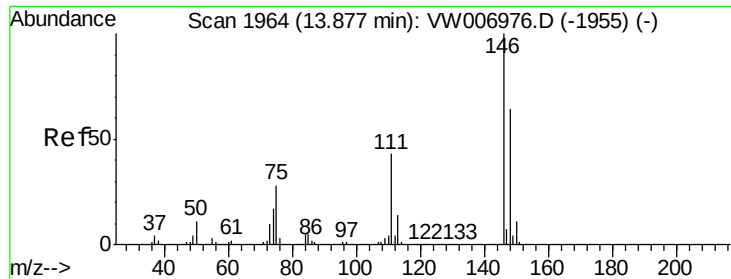
Tgt Ion: 91 Resp: 123072
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.4
134 26.0 13.3 39.8



#90
Hexachloroethane
Concen: 18.764 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 117 Resp: 18206
Ion Ratio Lower Upper
117 100
201 72.9 35.9 107.5





#91

1,2-Dichlorobenzene

Concen: 20.135 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

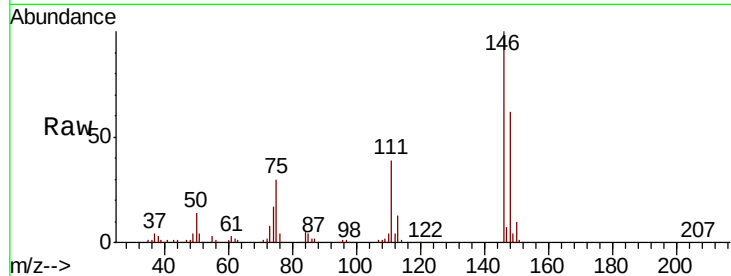
Tgt Ion:146 Resp: 55097

Ion Ratio Lower Upper

146 100

111 42.3 21.9 65.7

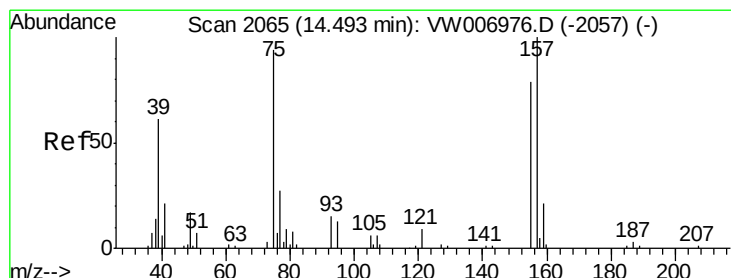
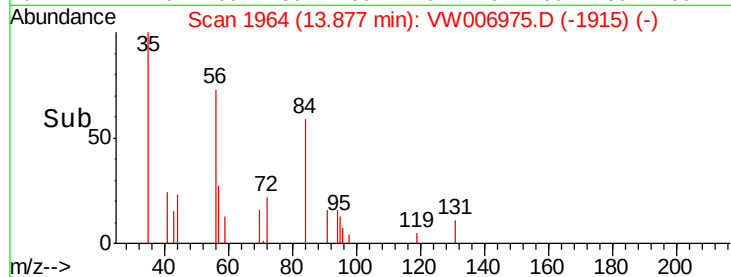
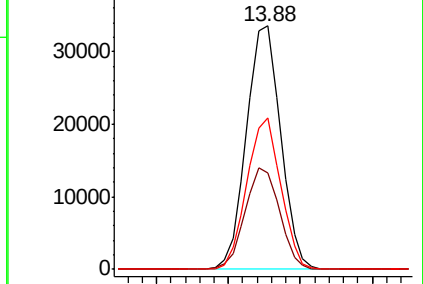
148 61.6 32.2 96.6



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: 20.871 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

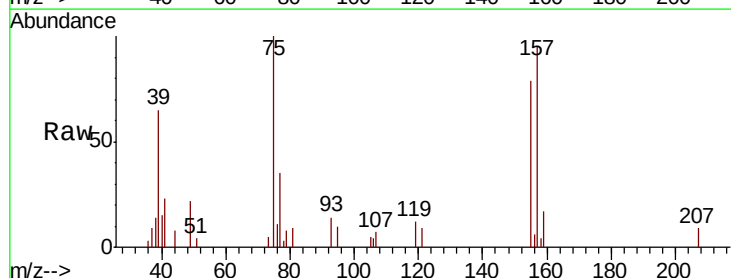
Tgt Ion: 75 Resp: 3341

Ion Ratio Lower Upper

75 100

155 76.5 42.6 127.8

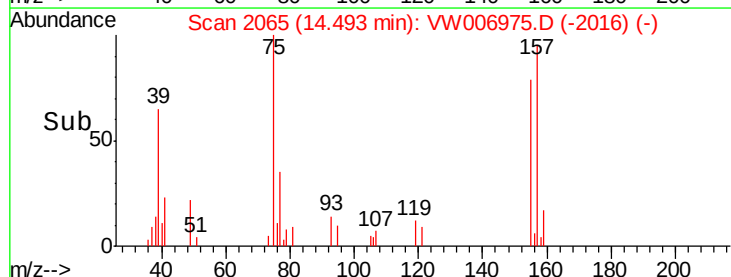
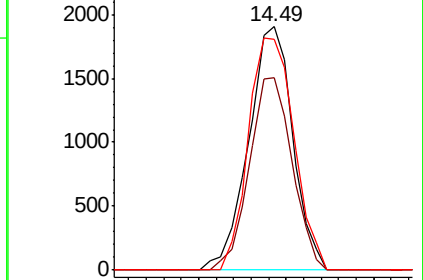
157 98.1 55.0 165.0

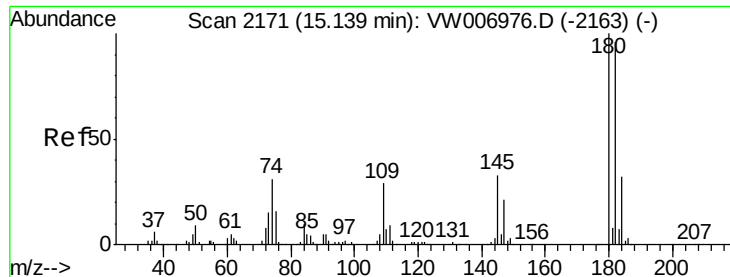


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

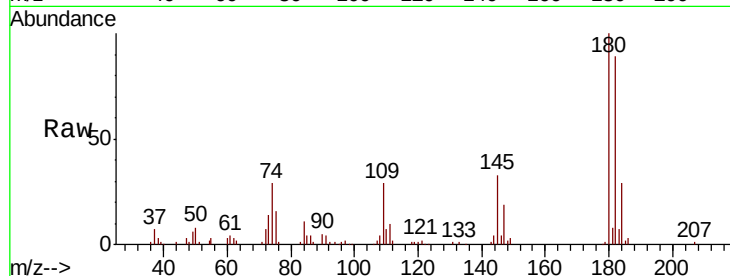




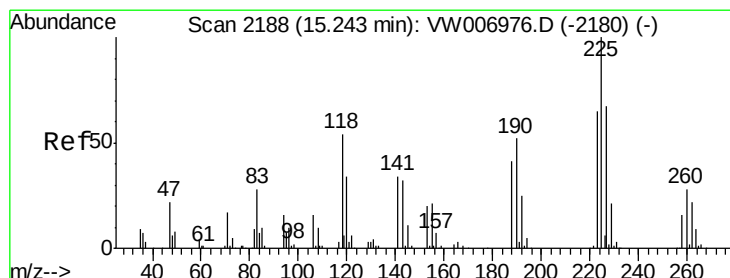
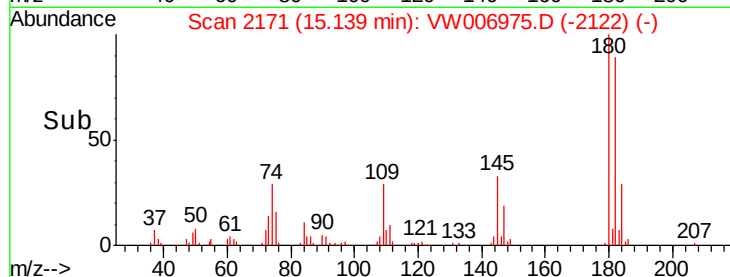
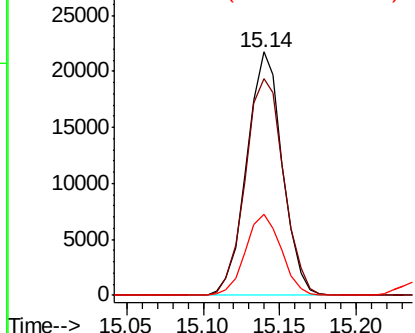
#93
 1,2,4-Trichlorobenzene
 Concen: 19.452 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 35100
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.3
 145 33.4 16.5 49.5

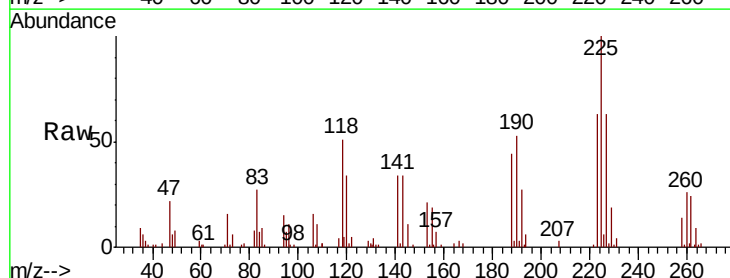


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

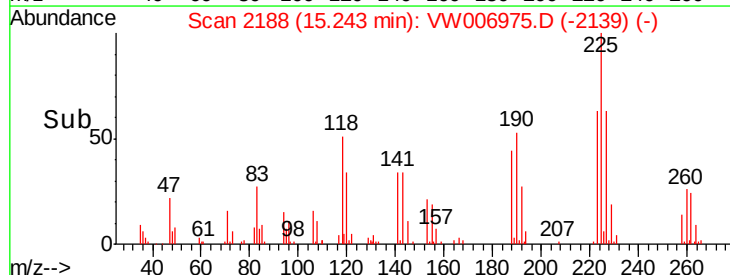
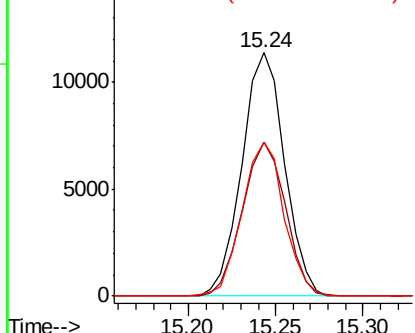


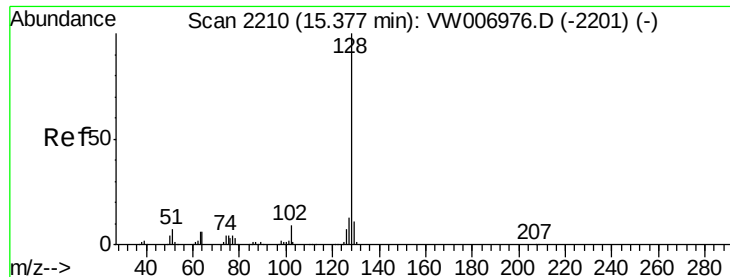
#94
 Hexachlorobutadiene
 Concen: 19.652 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion:225 Resp: 19278
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.4 97.0
 227 62.3 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

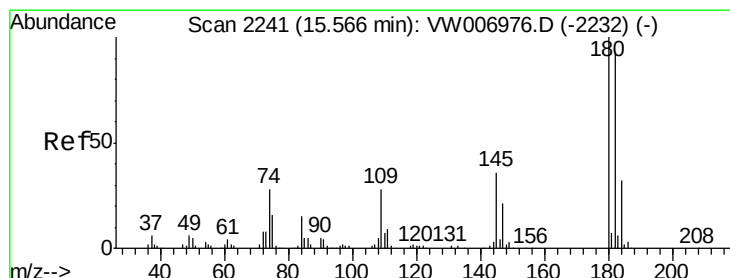
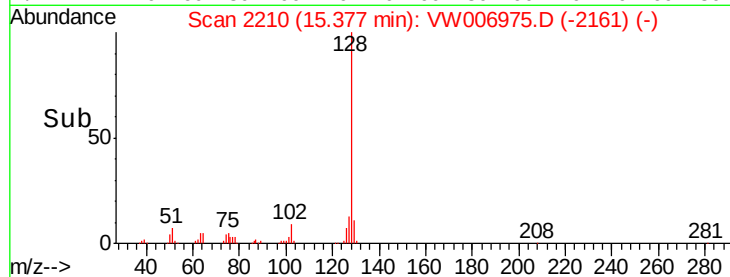
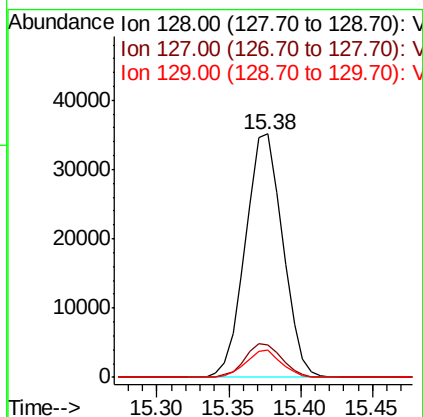
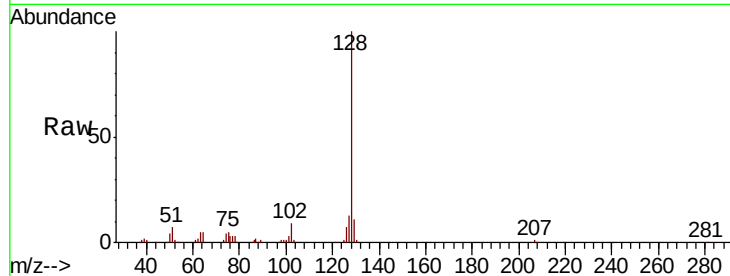




#95
Naphthalene
Concen: 19.278 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 63145
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.633 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion:180 Resp: 29391
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.2
145 34.9 18.0 54.0

