

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007063.D
 Acq On : 26 Nov 2018 23:38
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 05:29:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	57343	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	51847	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.32	98	223001	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.62	95	88753	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49946	47.052	ug/l	98
3) Chloromethane	2.21	50	42911	48.507	ug/l	99
4) Vinyl Chloride	2.35	62	43226	49.663	ug/l	100
5) Bromomethane	2.77	94	23918	51.485	ug/l	95
6) Chloroethane	2.91	64	24318	50.684	ug/l	97
7) Trichlorofluoromethane	3.26	101	86864	50.753	ug/l	98
8) Diethyl Ether	3.68	74	28917	52.435	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53193	47.941	ug/l	99
10) Methyl Iodide	4.27	142	68007	53.542	ug/l	99
11) Tert butyl alcohol	5.20	59	20611	300.796	ug/l	98
12) 1,1-Dichloroethene	4.04	96	49398	50.761	ug/l	97
13) Acrolein	3.90	56	20575	292.387	ug/l	96
14) Allyl chloride	4.67	41	82496	51.110	ug/l	99
15) Acrylonitrile	5.37	53	62137	299.783	ug/l	100
16) Acetone	4.14	43	46095	301.626	ug/l	100
17) Carbon Disulfide	4.38	76	170088	54.062	ug/l	99
18) Methyl Acetate	4.68	43	30833	56.655	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145789	57.375	ug/l	100
20) Methylene Chloride	4.92	84	60798	49.912	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56996	50.278	ug/l	99
22) Diisopropyl ether	6.31	45	166335	52.946	ug/l	99
23) Vinyl Acetate	6.26	43	492012	294.913	ug/l	99
24) 1,1-Dichloroethane	6.21	63	97982	51.268	ug/l	97
25) 2-Butanone	7.17	43	74789	285.736	ug/l	99
26) 2,2-Dichloropropane	7.17	77	82963	48.272	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	63306	52.440	ug/l	98
28) Bromochloromethane	7.51	49	41454	58.034	ug/l	99
29) Tetrahydrofuran	7.54	42	49212	290.307	ug/l	98
30) Chloroform	7.68	83	103183	50.818	ug/l	98
31) Cyclohexane	7.96	56	92390	45.576	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	95591	52.268	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83312	49.580	ug/l	99
37) Ethyl Acetate	7.26	43	35813	58.815	ug/l	97
38) Carbon Tetrachloride	8.07	117	82541	51.297	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102480	48.735	ug/l	98
40) Benzene	8.32	78	235376	51.893	ug/l	98
41) Methacrylonitrile	7.49	41	25730	68.042	ug/l	88
42) 1,2-Dichloroethane	8.40	62	68739	52.198	ug/l	98
43) Isopropyl Acetate	8.43	43	71086	61.261	ug/l	97
44) Trichloroethene	9.09	130	66983	52.680	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57966	51.843	ug/l	100
46) Dibromomethane	9.46	93	30913	55.209	ug/l	100
47) Bromodichloromethane	9.65	83	77005	52.198	ug/l	96
48) Methyl methacrylate	9.44	41	34331	61.359	ug/l	97
49) 1,4-Dioxane	9.48	88	9552	1147.758	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	173226	295.404	ug/l	99
52) Toluene	10.39	92	160511	51.999	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	80534	56.353	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	93404	54.099	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	45866	55.676	ug/l	97
56) Ethyl methacrylate	10.65	69	59340	62.054	ug/l	97
57) 1,3-Dichloropropane	10.93	76	76535	55.438	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	135074	270.313	ug/l	99
59) 2-Hexanone	10.97	43	120046	298.946	ug/l	100
60) Dibromochloromethane	11.13	129	54565	58.128	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43880	58.227	ug/l	98
64) Tetrachloroethene	10.86	164	56945	54.268	ug/l	97
65) Chlorobenzene	11.66	112	177335	52.090	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57305	55.644	ug/l	99
67) Ethyl Benzene	11.73	91	319315	51.058	ug/l	98
68) m/p-Xylenes	11.84	106	249825	101.818	ug/l	99
69) o-Xylene	12.17	106	118298	51.132	ug/l	99
70) Styrene	12.18	104	196782	53.441	ug/l	99
71) Bromoform	12.35	173	30195	62.239	ug/l #	99
73) Isopropylbenzene	12.47	105	320910	50.114	ug/l	100
74) N-amyl acetate	12.27	43	66157	61.642	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	50327	59.054	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	67112	103.655	ug/l #	100
77) Bromobenzene	12.75	156	72375	52.622	ug/l	98
78) n-propylbenzene	12.81	91	382250	49.280	ug/l	99
79) 2-Chlorotoluene	12.90	91	224274	50.145	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	279338	50.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	15348	59.514	ug/l	97
82) 4-Chlorotoluene	12.99	91	234020	49.861	ug/l	100
83) tert-Butylbenzene	13.21	119	239588	49.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	278655	50.507	ug/l	99
85) sec-Butylbenzene	13.39	105	331574	48.955	ug/l	99
86) p-Isopropyltoluene	13.50	119	295454	49.446	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	142847	50.874	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	143876	51.392	ug/l	99
89) n-Butylbenzene	13.83	91	275817	49.051	ug/l	99
90) Hexachloroethane	14.10	117	45543	52.206	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	130285	52.954	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9039	62.800	ug/l	99

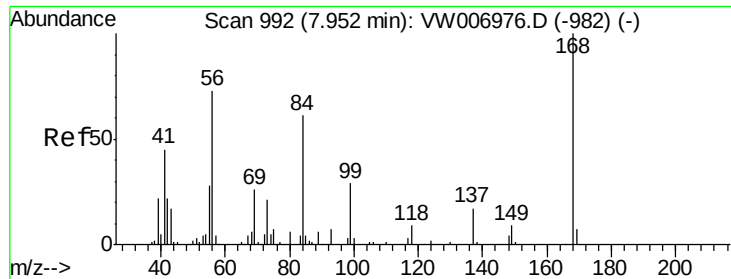
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84303	51.962	ug/l	99
94) Hexachlorobutadiene	15.24	225	43648	49.488	ug/l	98
95) Naphthalene	15.37	128	172000	58.404	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71495	53.117	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: VW007063.D

Acq: 26 Nov 2018 23:38

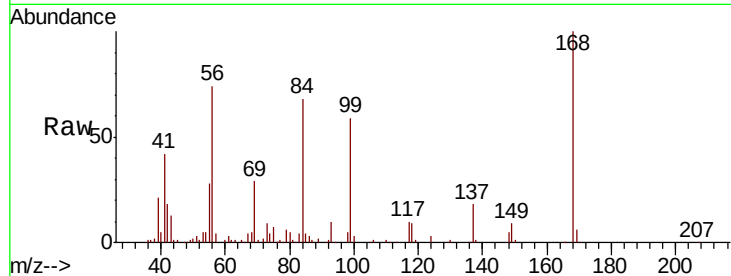
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 107513

Ion Ratio Lower Upper

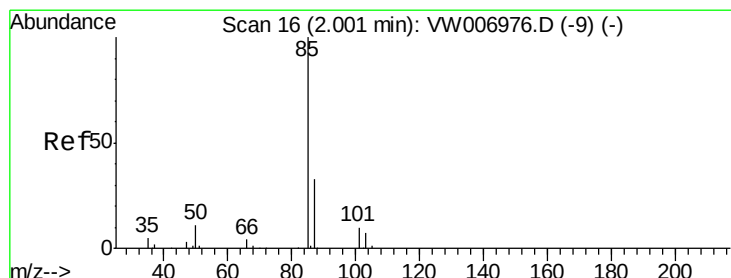
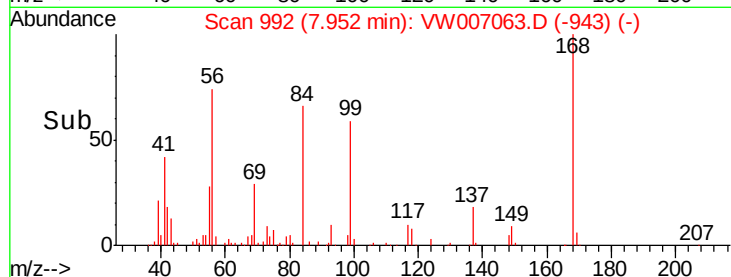
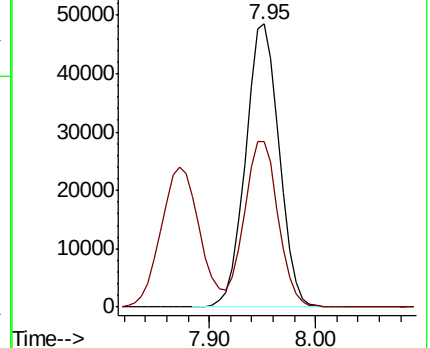
168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.052 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007063.D

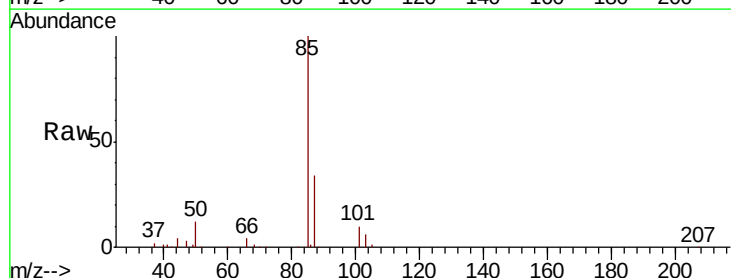
Acq: 26 Nov 2018 23:38

Tgt Ion: 85 Resp: 49946

Ion Ratio Lower Upper

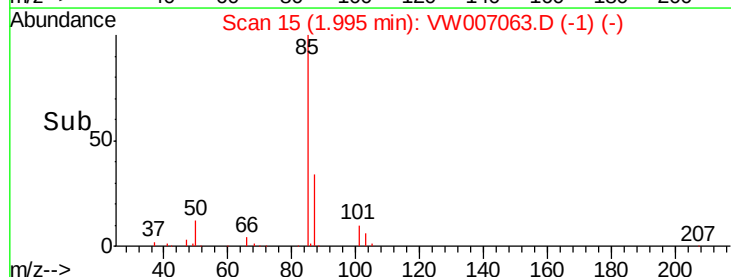
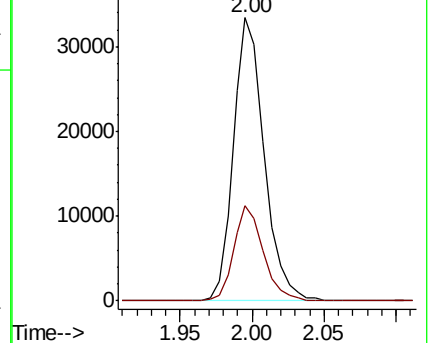
85 100

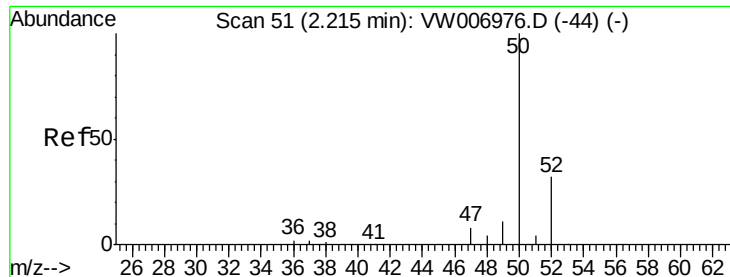
87 33.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.507 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

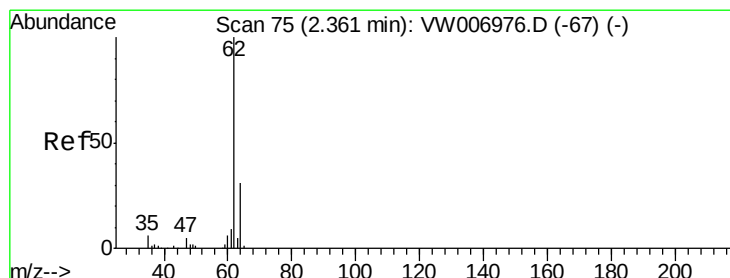
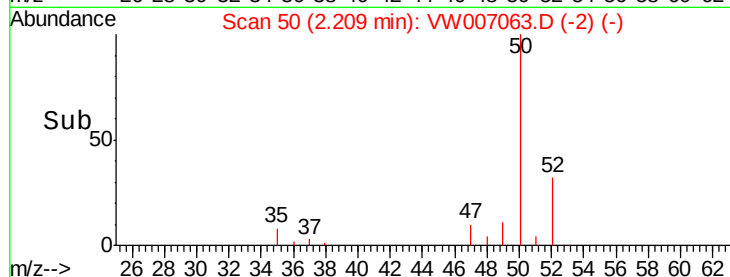
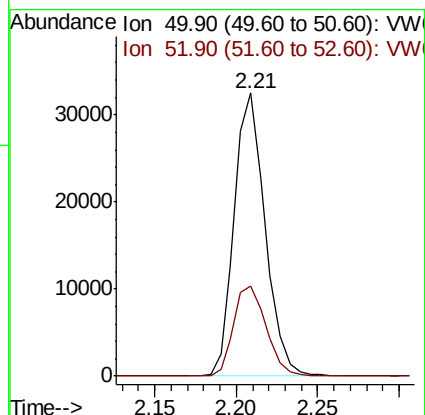
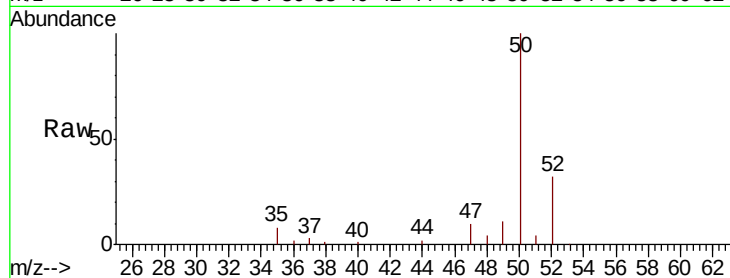
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 50 Resp: 42911

Ion Ratio Lower Upper

50 100

52 31.8 25.7 38.5



#4

Vinyl Chloride

Concen: 49.663 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW007063.D

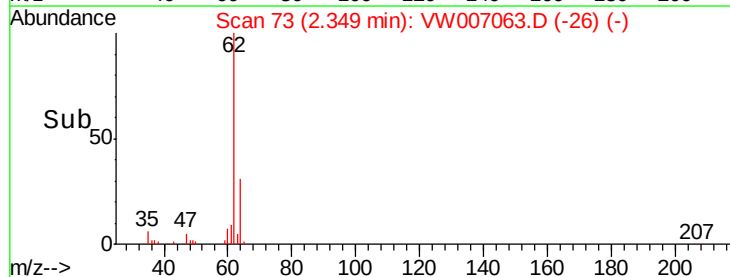
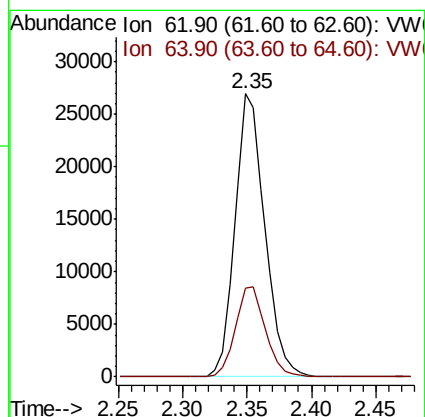
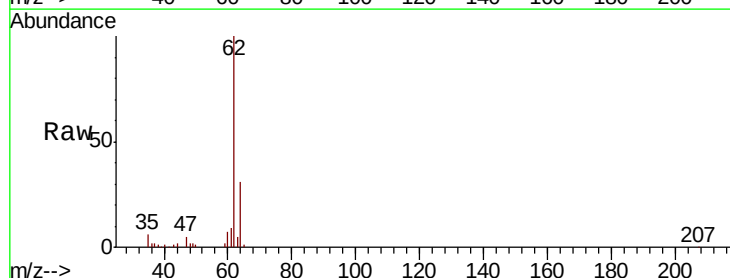
Acq: 26 Nov 2018 23:38

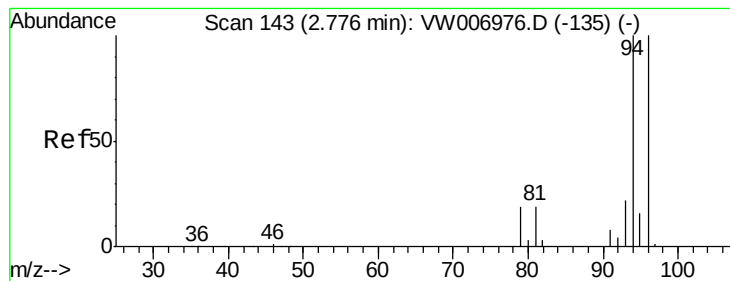
Tgt Ion: 62 Resp: 43226

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 51.485 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

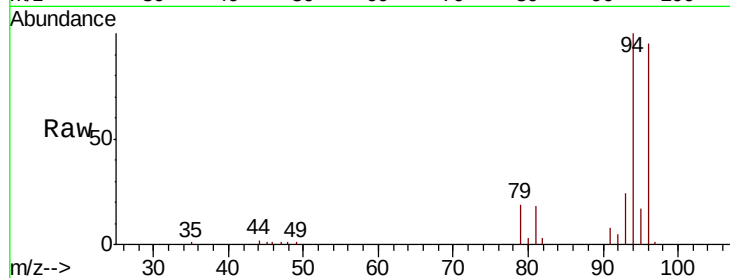
ClientSampled :

Tot Ion: 94 Resp: 23918

Ion Ratio Lower Upper

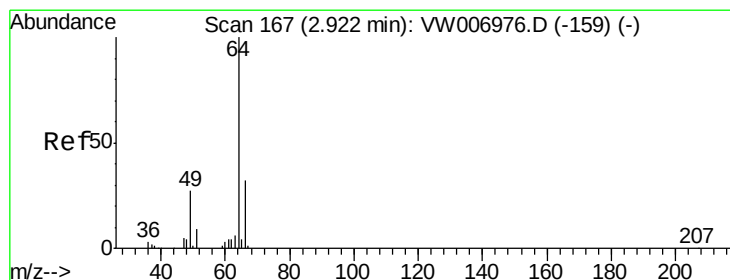
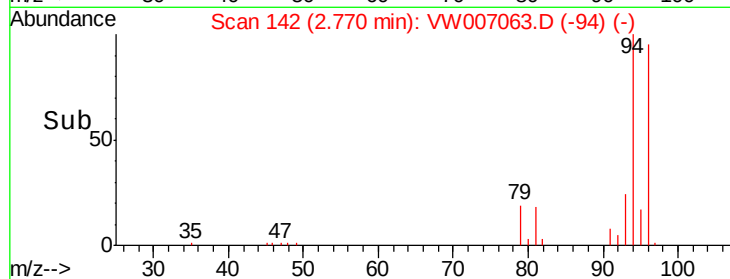
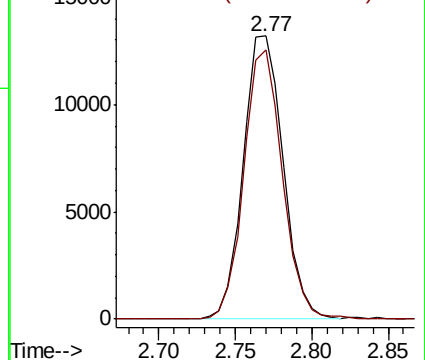
94 100

96 95.2 80.2 120.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 50.684 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007063.D

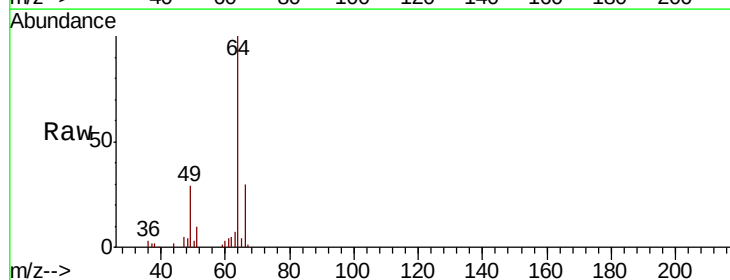
Acq: 26 Nov 2018 23:38

Tgt Ion: 64 Resp: 24318

Ion Ratio Lower Upper

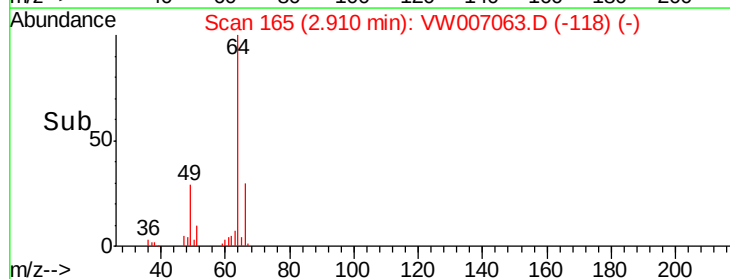
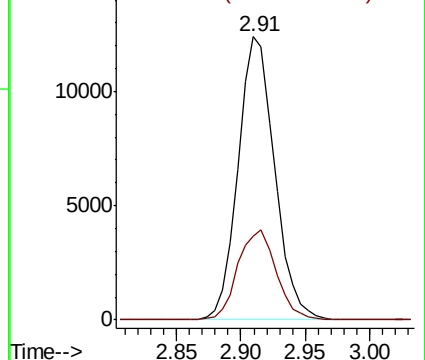
64 100

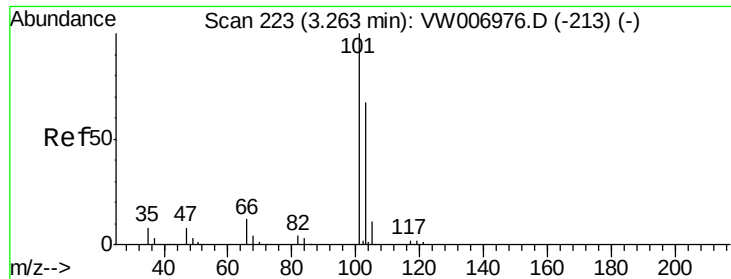
66 29.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



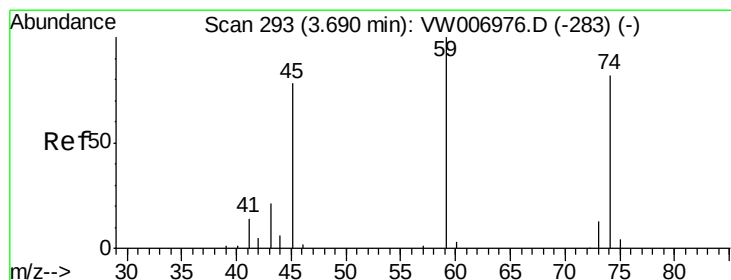
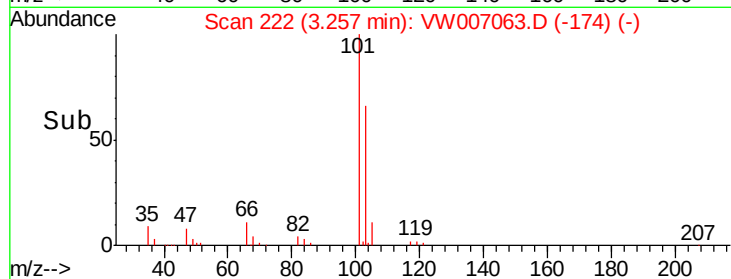
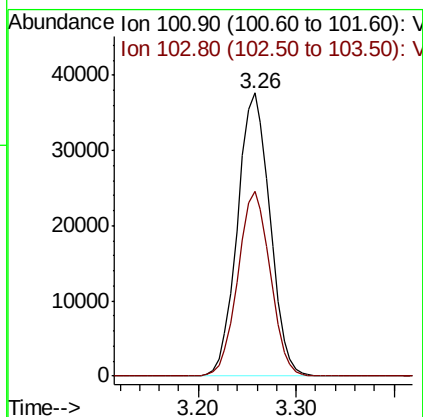
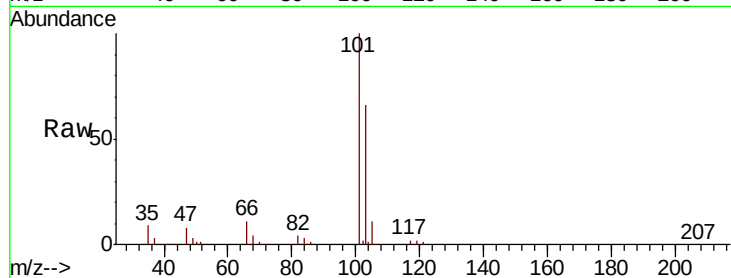


#7

Trichlorofluoromethane
 Concen: 50.753 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :

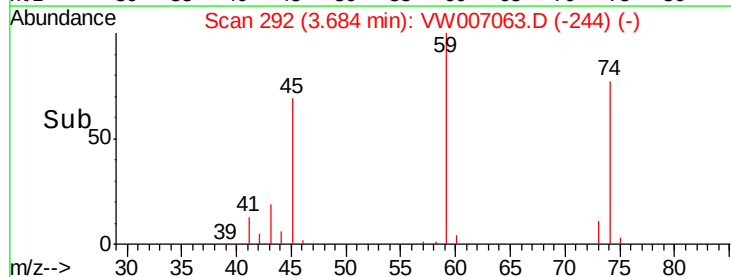
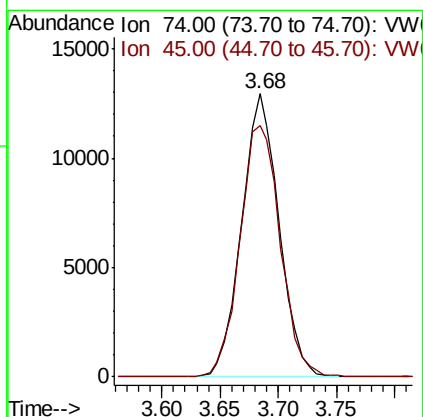
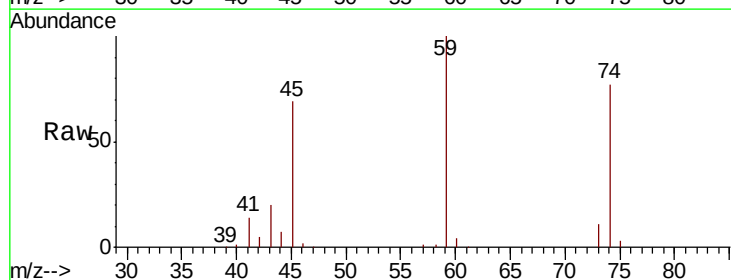
Tot Ion:101 Resp: 86864
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.4 80.2

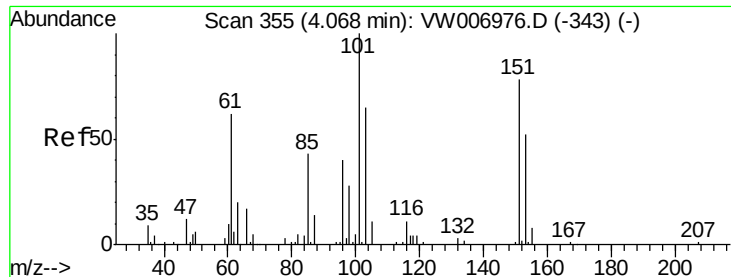


#8

Diethyl Ether
 Concen: 52.435 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion: 74 Resp: 28917
 Ion Ratio Lower Upper
 74 100
 45 95.9 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.941 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

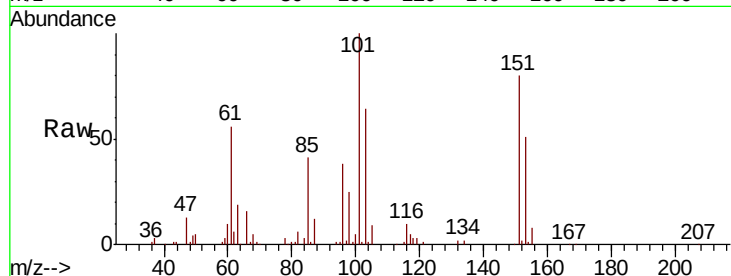
Tot Ion:101 Resp: 53193

Ion Ratio Lower Upper

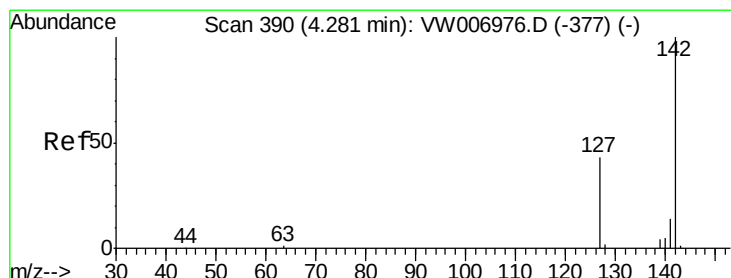
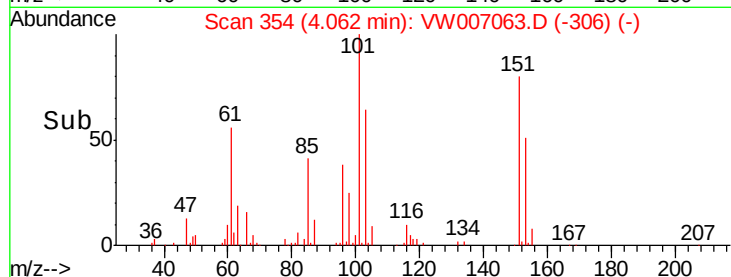
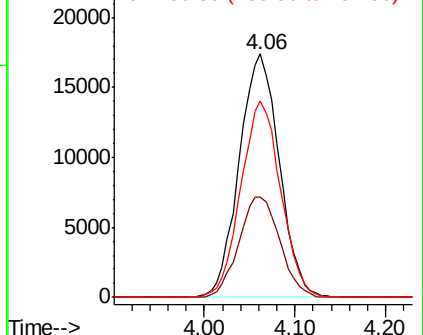
101 100

85 42.1 34.3 51.5

151 80.2 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: 53.542 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

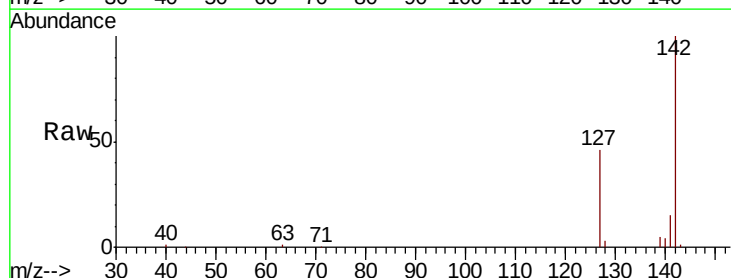
Tgt Ion:142 Resp: 68007

Ion Ratio Lower Upper

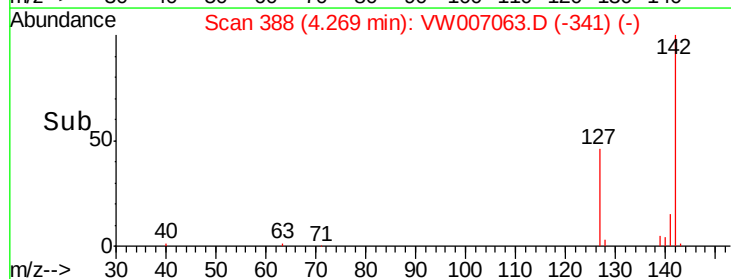
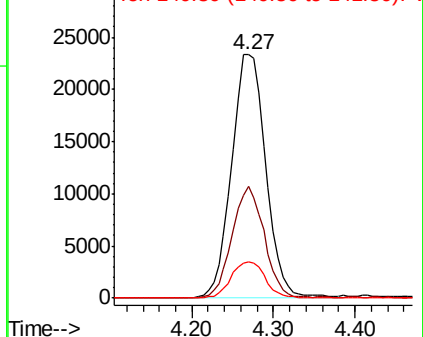
142 100

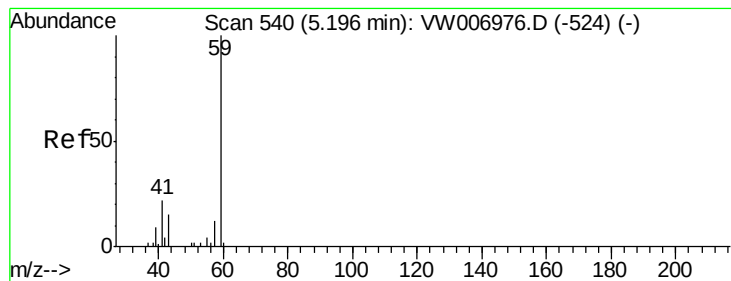
127 43.1 35.3 52.9

141 14.6 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



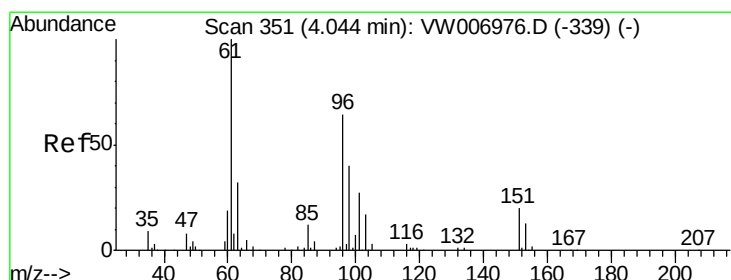
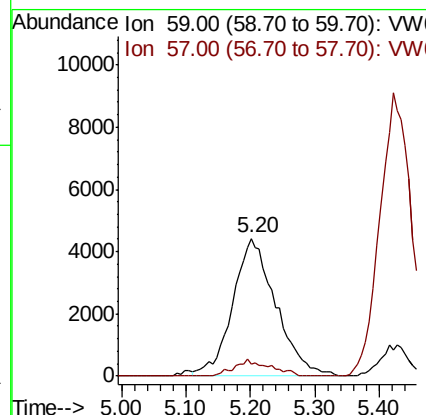
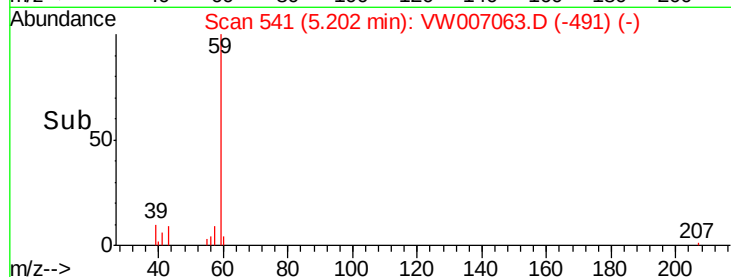
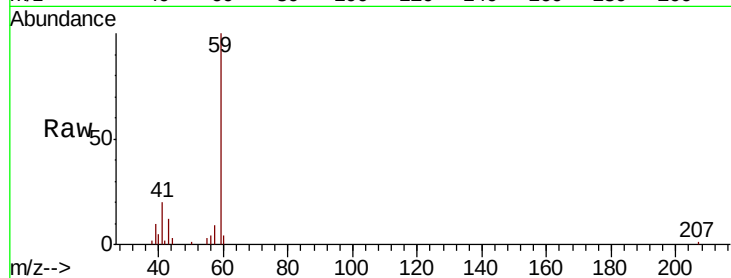


#11

Tert butyl alcohol
Concen: 300.796 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Instrument :
MSVOA_W
ClientSampled :

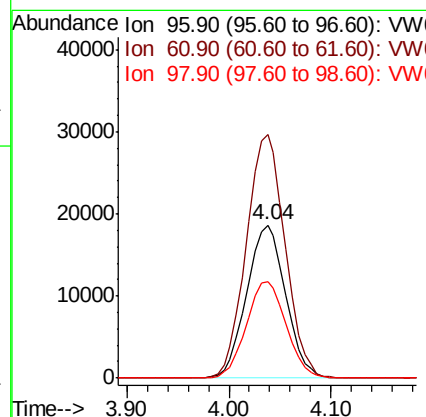
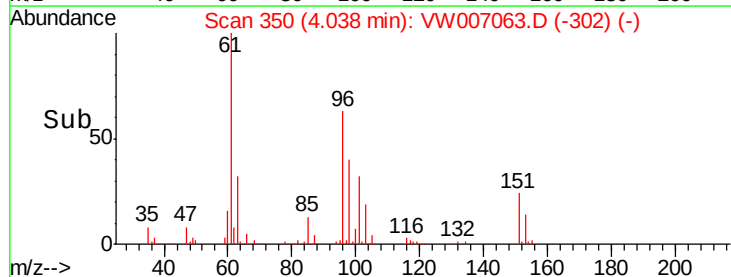
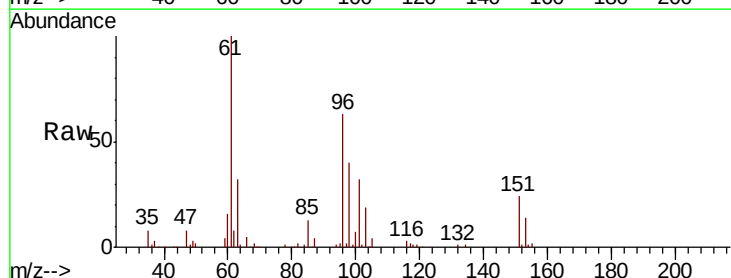
Tot Ion: 59 Resp: 20611
Ion Ratio Lower Upper
59 100
57 10.0 8.6 13.0

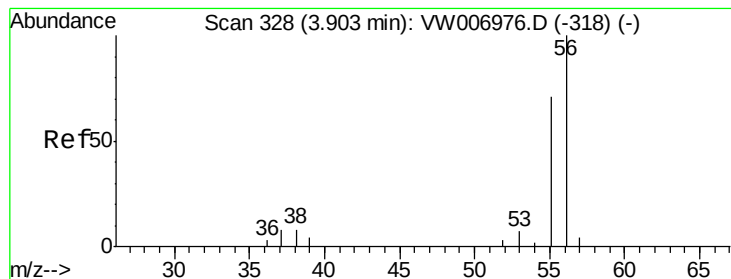


#12

1,1-Dichloroethene
Concen: 50.761 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 96 Resp: 49398
Ion Ratio Lower Upper
96 100
61 159.0 124.3 186.5
98 63.2 49.4 74.2





#13

Acrolein

Concen: 292.387 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

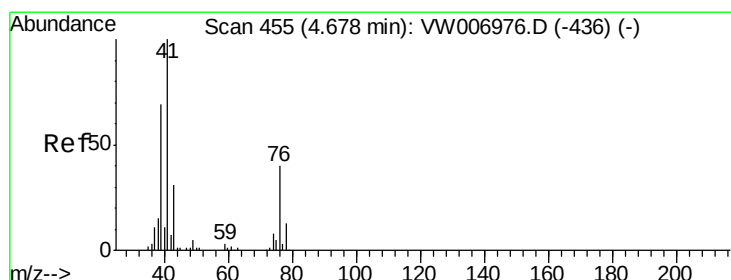
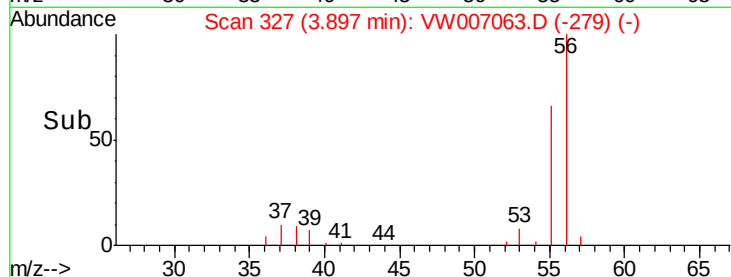
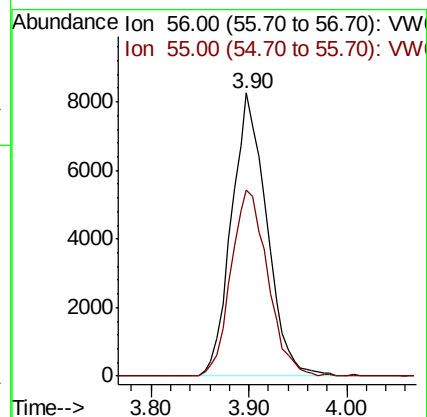
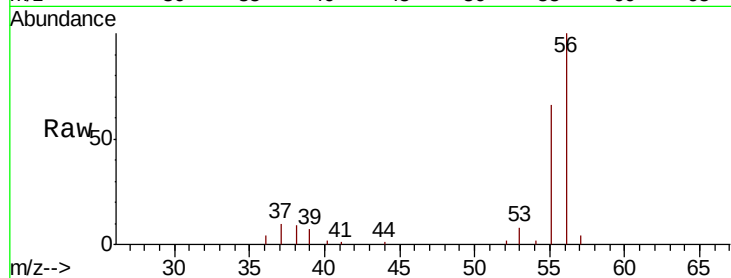
ClientSampled :

Tot Ion: 56 Resp: 20575

Ion Ratio Lower Upper

56 100

55 68.7 57.5 86.3



#14

Allyl chloride

Concen: 51.110 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

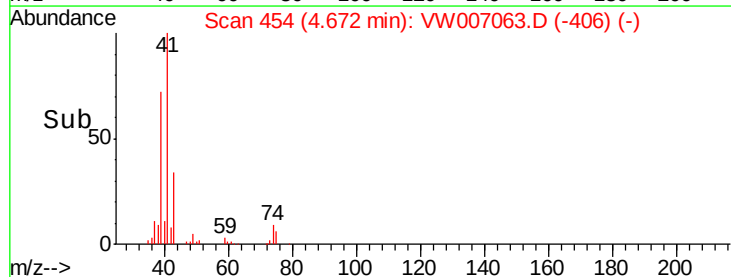
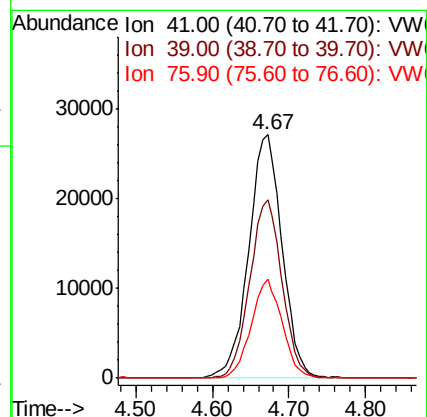
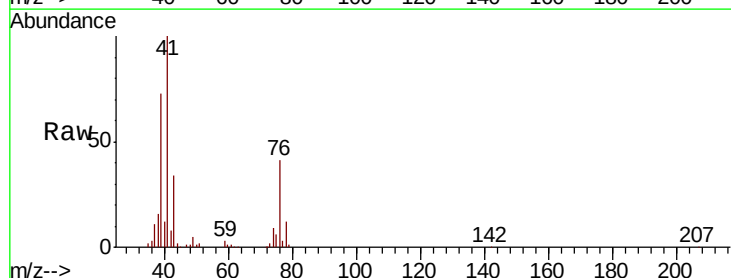
Tgt Ion: 41 Resp: 82496

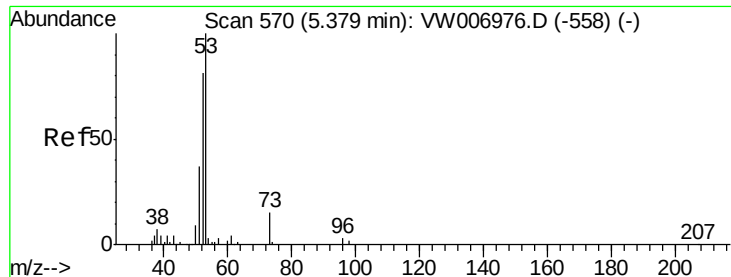
Ion Ratio Lower Upper

41 100

39 70.7 55.4 83.2

76 37.5 29.6 44.4





#15

Acrylonitrile

Concen: 299.783 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

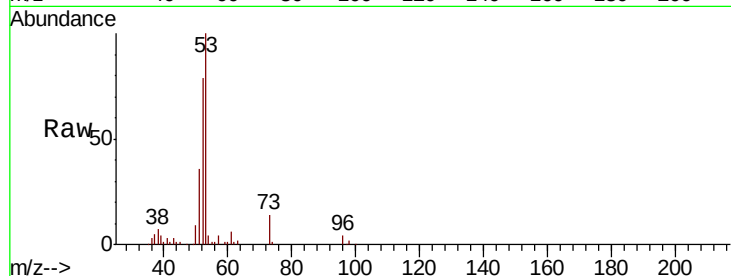
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 53 Resp: 62137

Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.7	98.5
51	37.0	29.9	44.9

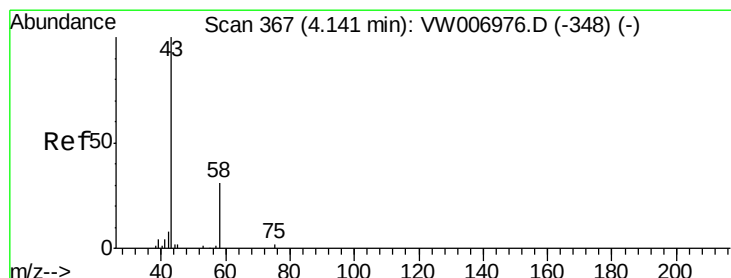
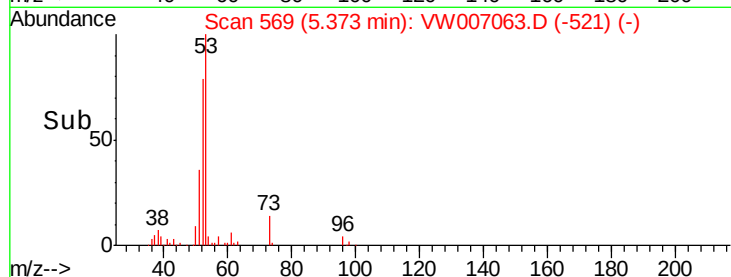
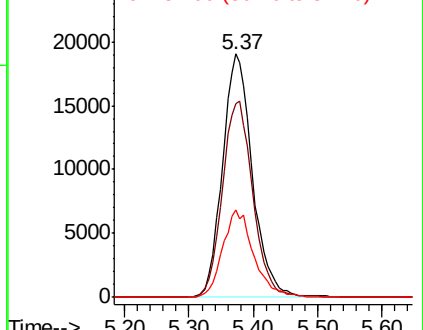


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 301.626 ug/l

RT: 4.14 min Scan# 366

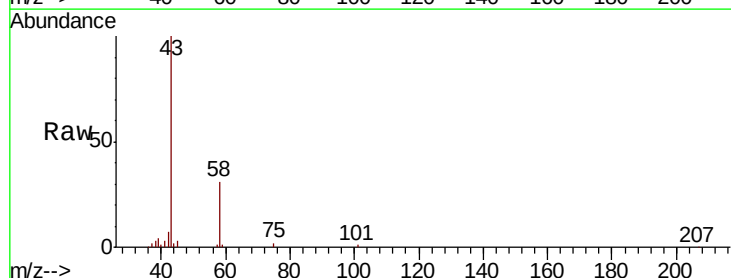
Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Tgt Ion: 43 Resp: 46095

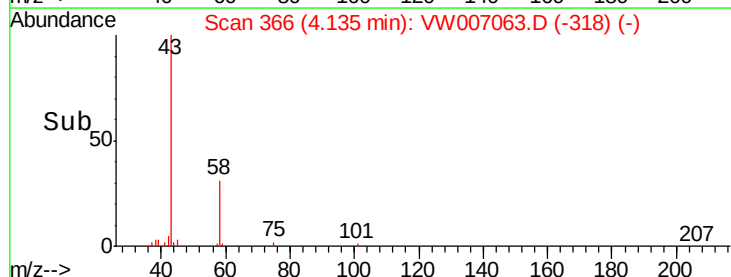
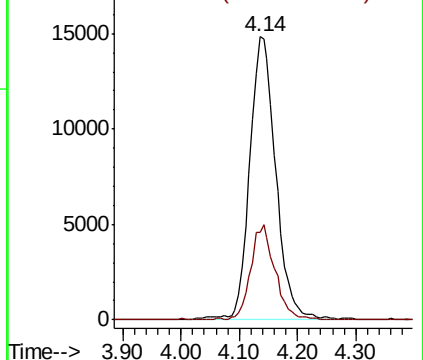
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.8	37.2

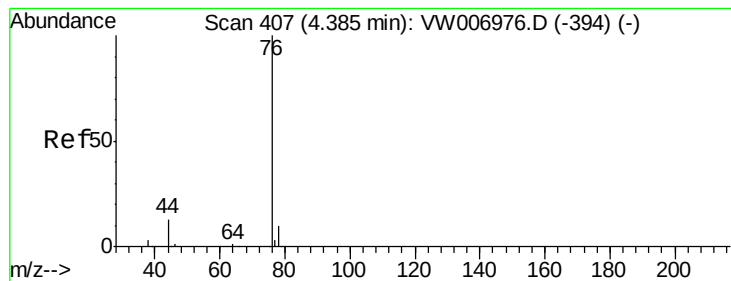


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 54.062 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

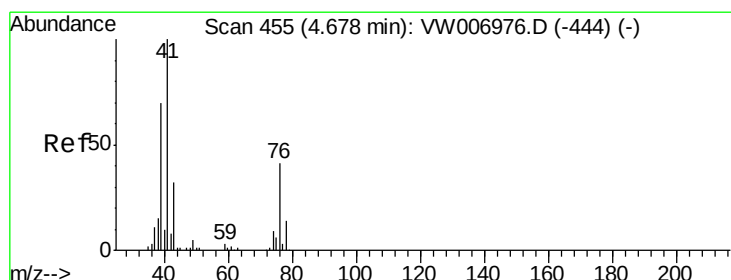
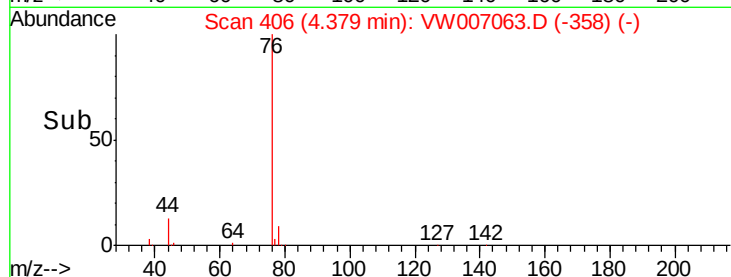
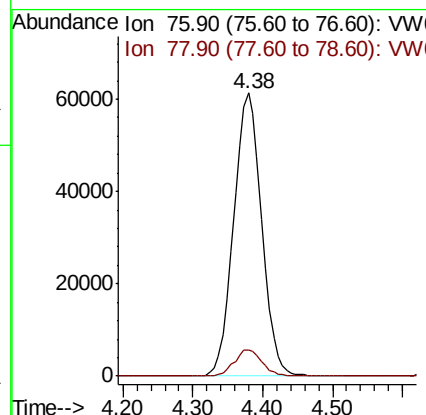
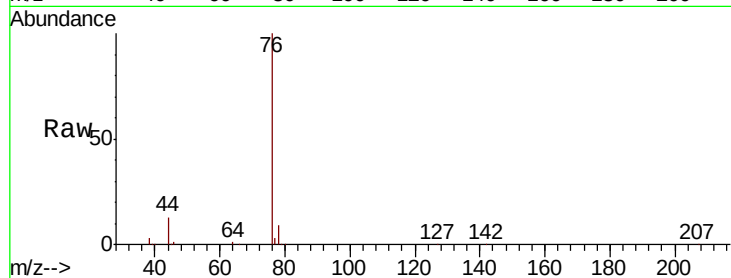
ClientSampleId :

Tot Ion: 76 Resp: 170088

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.6



#18

Methyl Acetate

Concen: 56.655 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007063.D

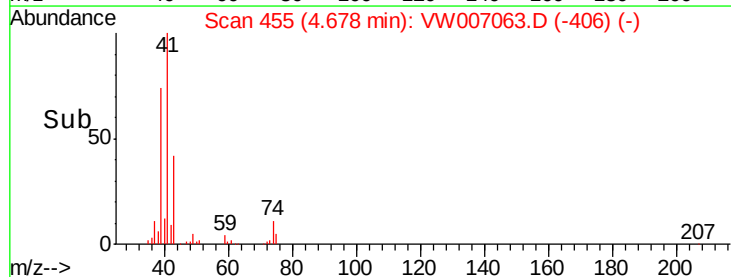
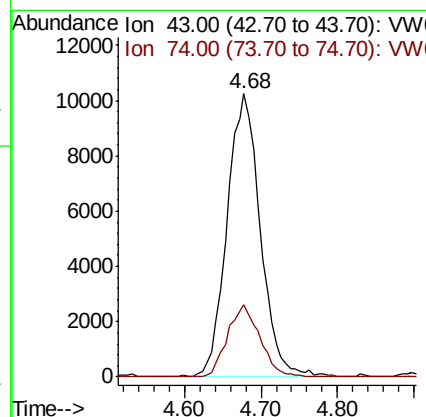
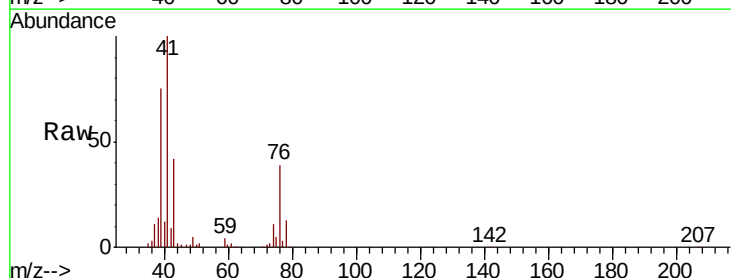
Acq: 26 Nov 2018 23:38

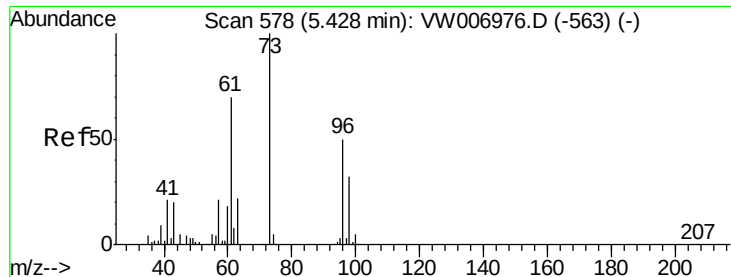
Tgt Ion: 43 Resp: 30833

Ion Ratio Lower Upper

43 100

74 24.7 20.1 30.1

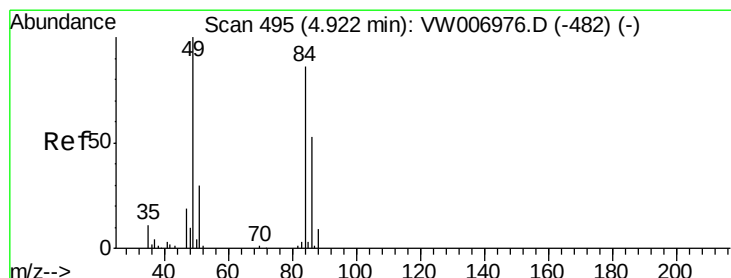
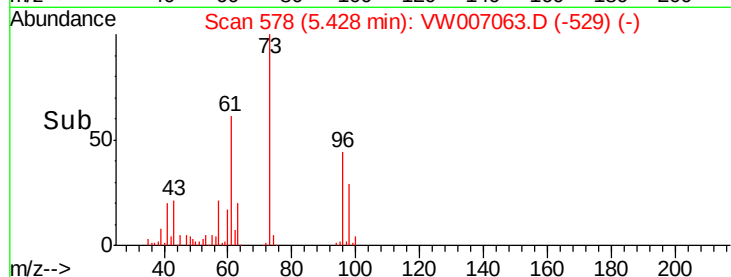
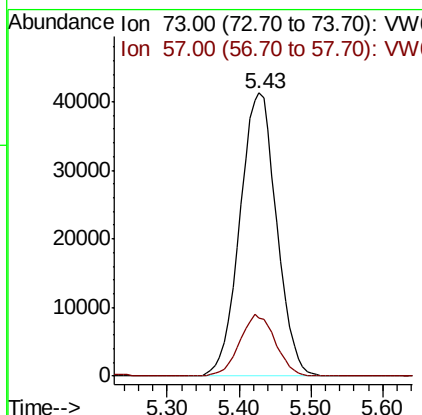
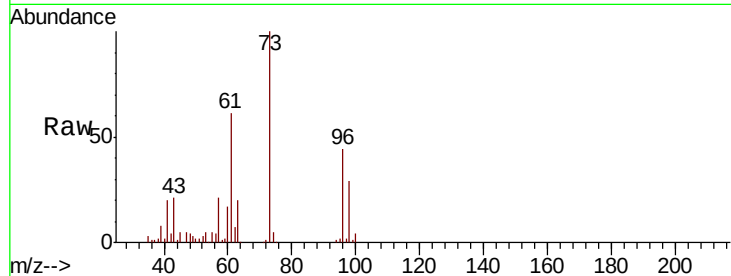




#19
Methyl tert-butyl Ether
Concen: 57.375 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

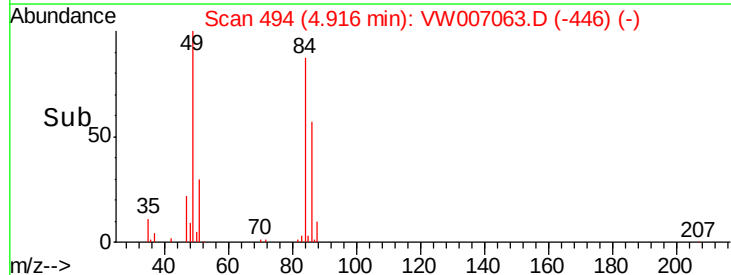
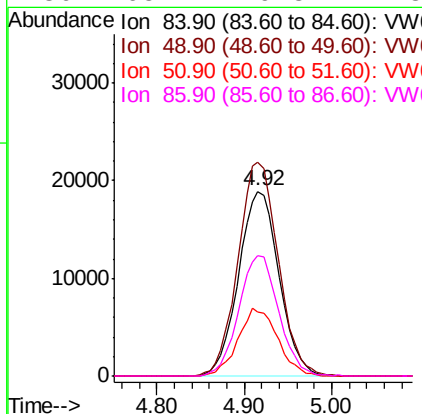
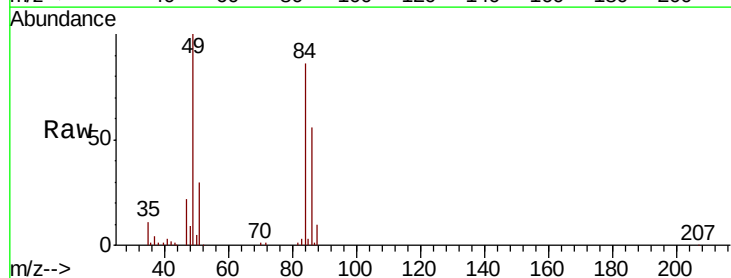
Instrument :
MSVOA_W
ClientSampleId :

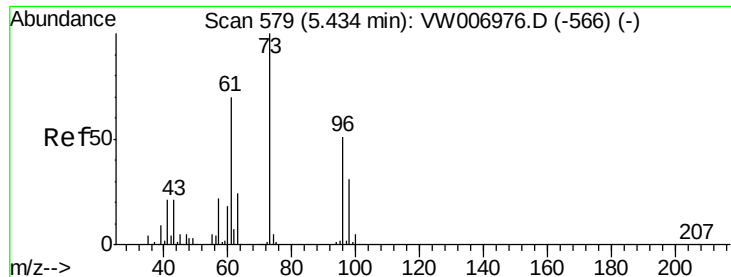
Tot Ion: 73 Resp: 145789
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1



#20
Methylene Chloride
Concen: 49.912 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 84 Resp: 60798
Ion Ratio Lower Upper
84 100
49 115.6 93.4 140.0
51 34.7 28.4 42.6
86 65.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 50.278 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

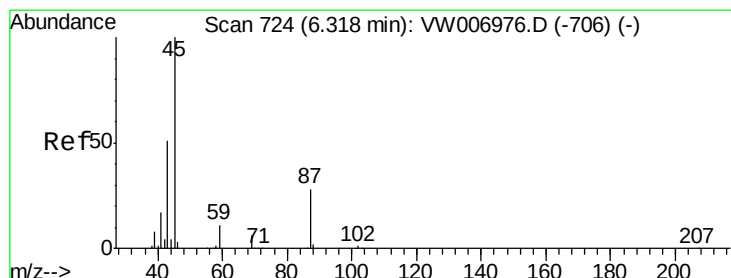
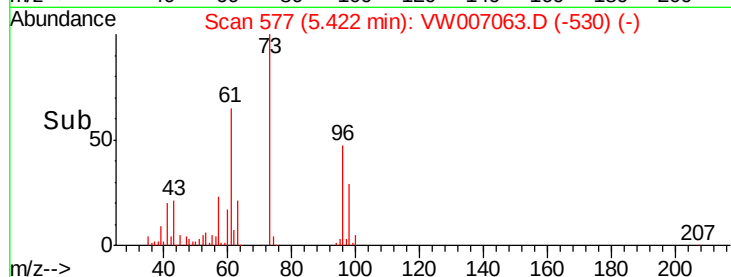
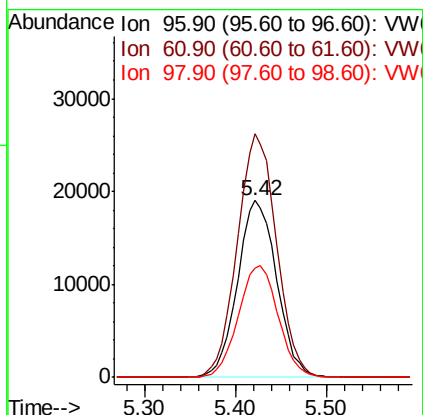
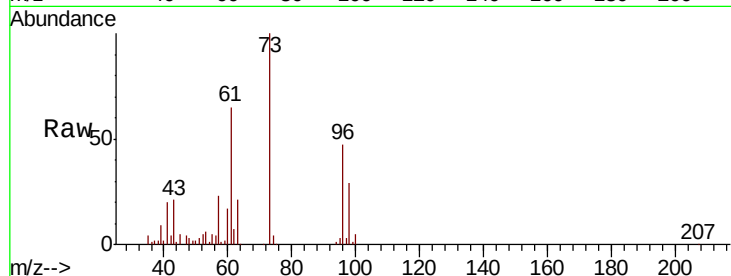
Tot Ion: 96 Resp: 56996

Ion Ratio Lower Upper

96 100

61 137.7 109.4 164.0

98 62.0 48.3 72.5



#22

Diisopropyl ether

Concen: 52.946 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Tgt Ion: 45 Resp: 166335

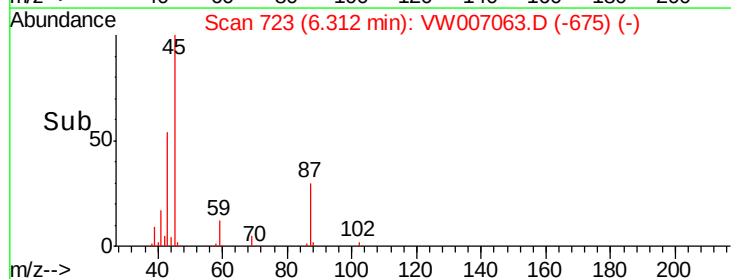
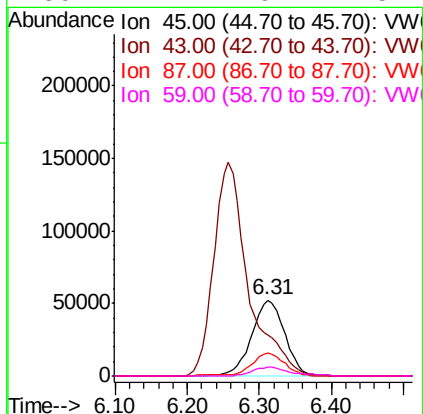
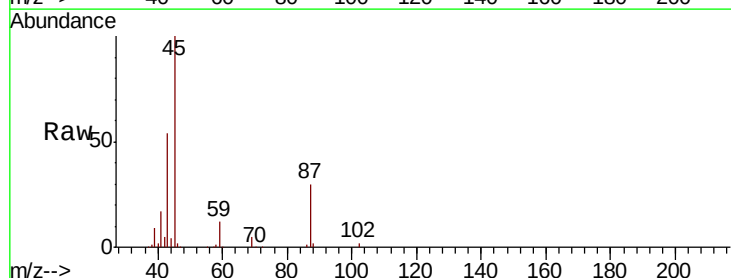
Ion Ratio Lower Upper

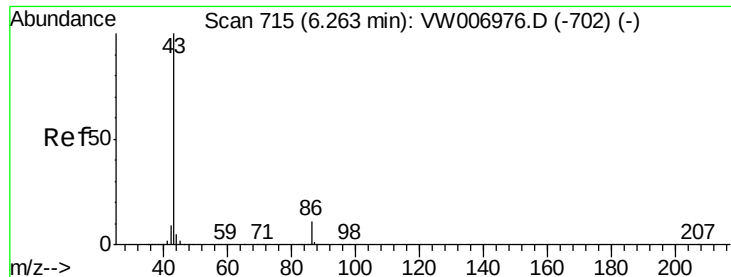
45 100

43 53.7 42.5 63.7

87 29.7 22.8 34.2

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 294.913 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

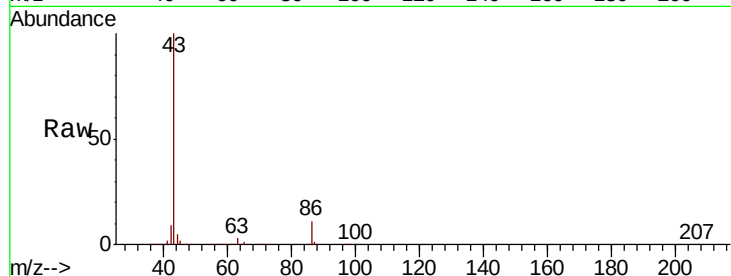
ClientSampleId :

Tot Ion: 43 Resp: 492012

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

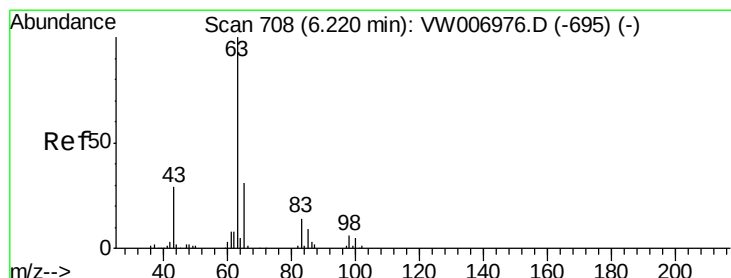
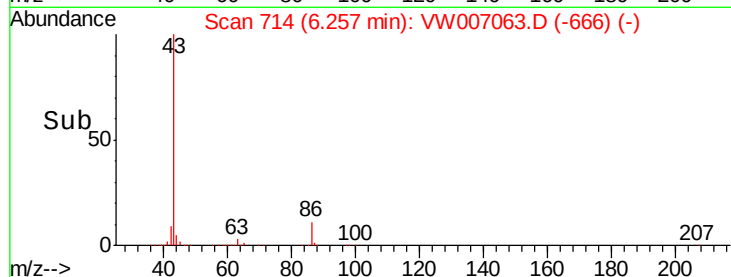
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.268 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

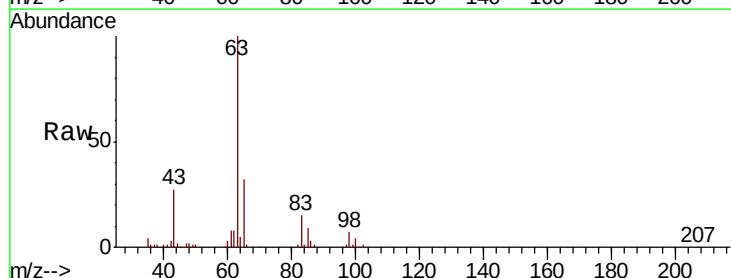
Tgt Ion: 63 Resp: 97982

Ion Ratio Lower Upper

63 100

98 7.2 3.1 9.4

100 3.8 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

40000

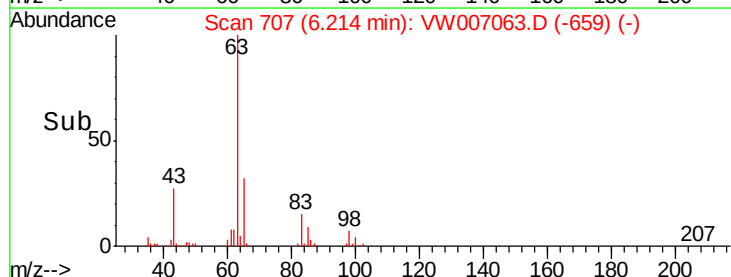
30000

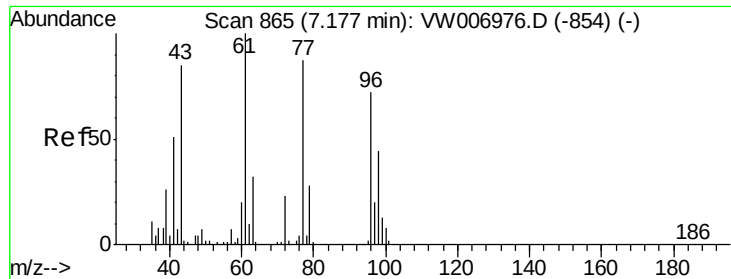
20000

10000

0

Time-->





#25

2-Butanone

Concen: 285.736 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

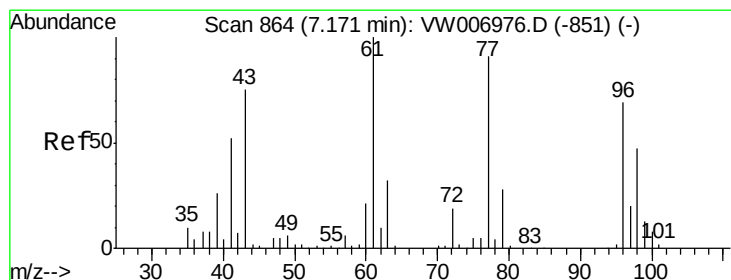
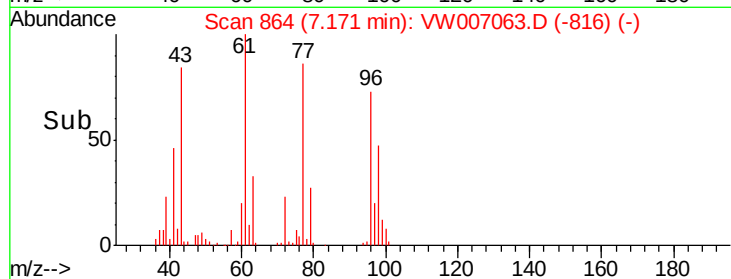
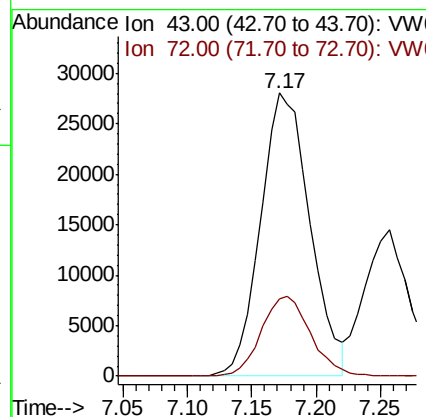
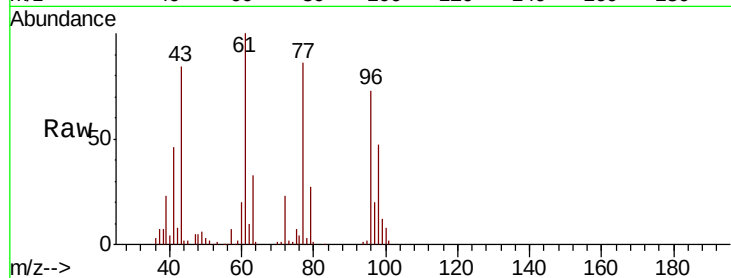
ClientSampled :

Tot Ion: 43 Resp: 74789

Ion Ratio Lower Upper

43 100

72 27.2 21.3 31.9



#26

2,2-Dichloropropane

Concen: 48.272 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007063.D

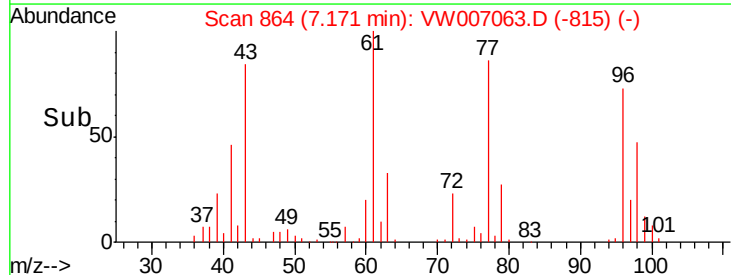
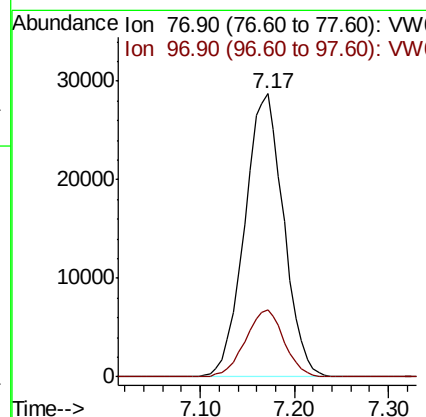
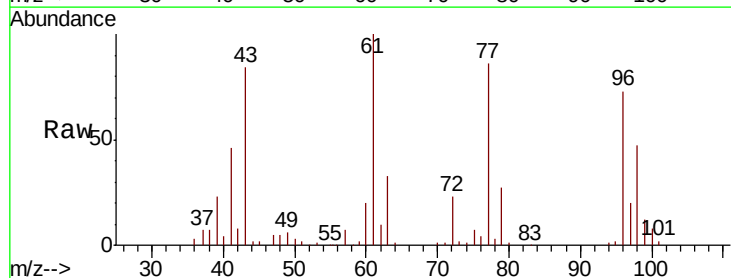
Acq: 26 Nov 2018 23:38

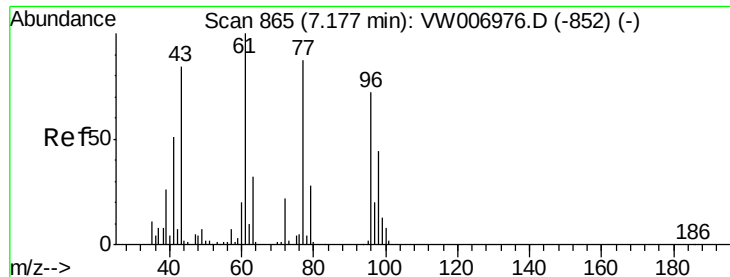
Tgt Ion: 77 Resp: 82963

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.1



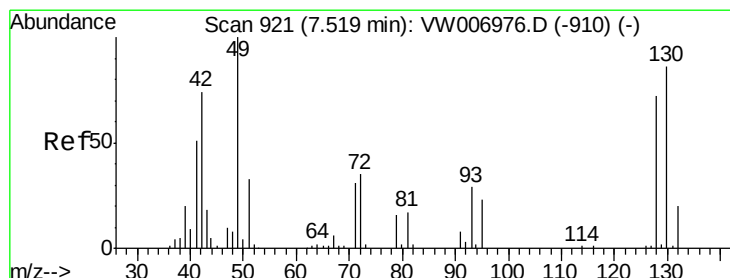
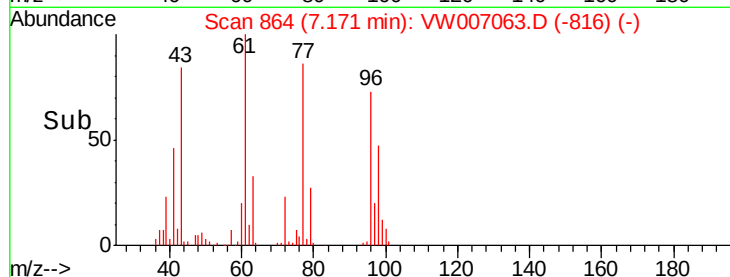
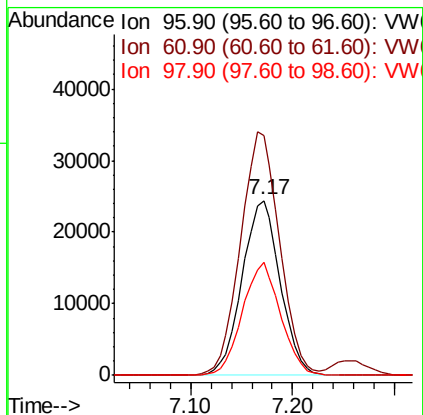
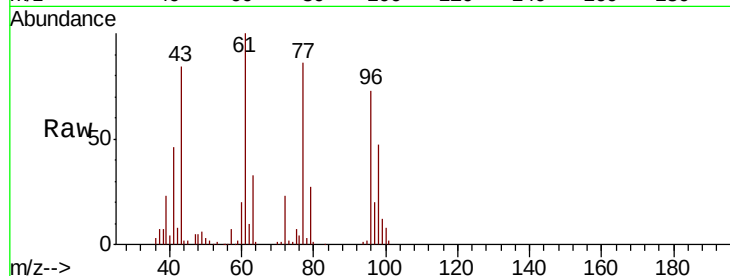


#27

cis-1,2-Dichloroethene
Concen: 52.440 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :

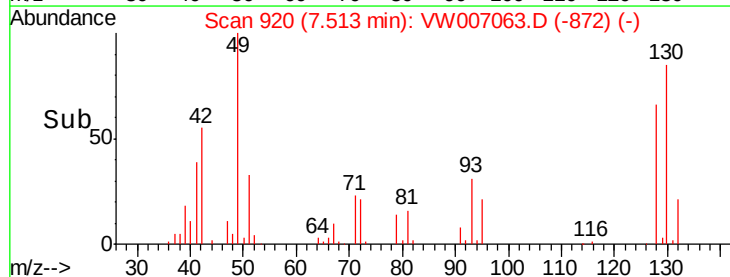
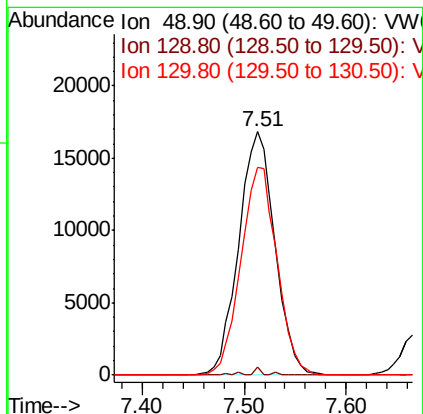
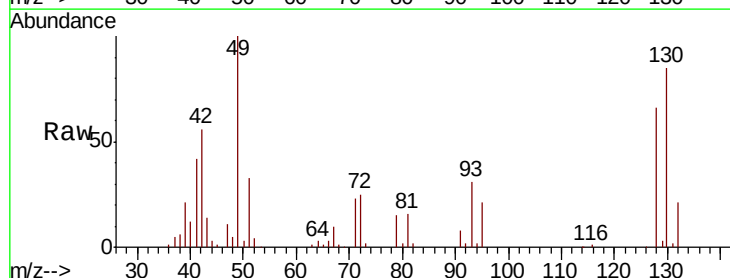
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	292.6
98	64.7	0.0	129.8

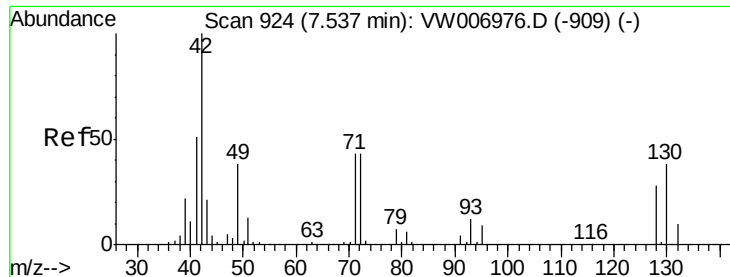


#28

Bromochloromethane
Concen: 58.034 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	2.0
130	85.3	69.0	103.4





#29

Tetrahydrofuran

Concen: 290.307 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

ClientSampled :

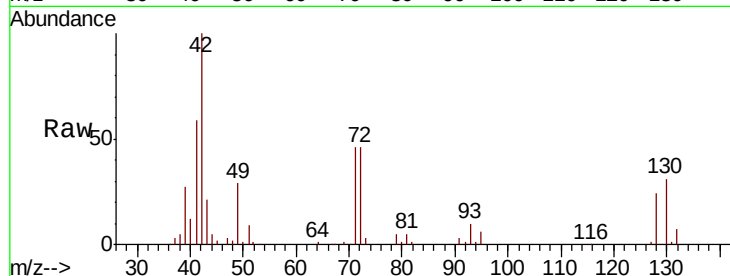
Tot Ion: 42 Resp: 49212

Ion Ratio Lower Upper

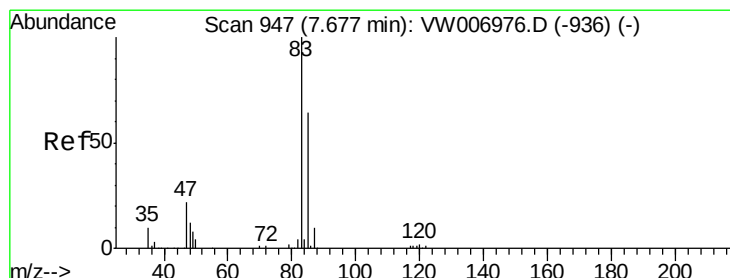
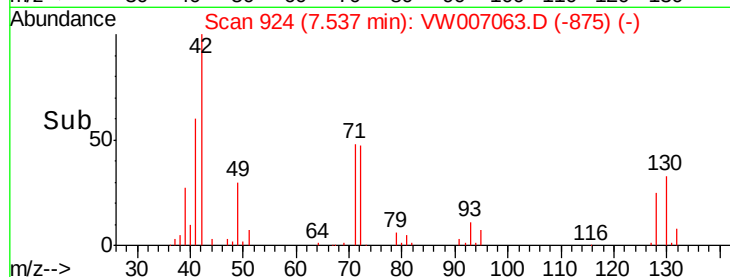
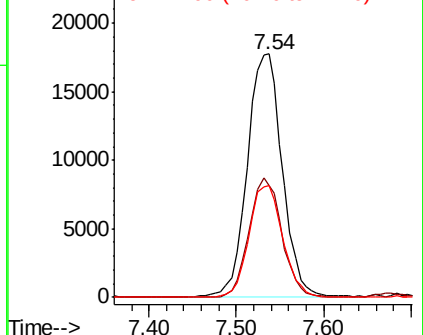
42 100

72 45.8 36.2 54.4

71 44.4 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: 50.818 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW007063.D

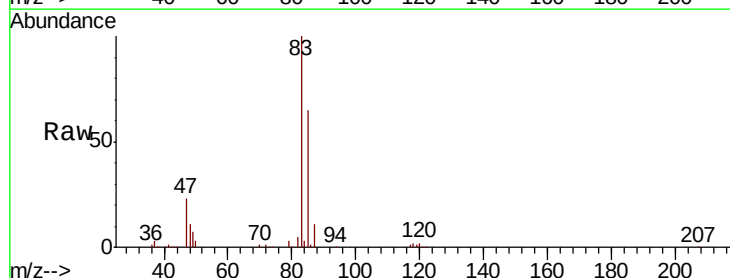
Acq: 26 Nov 2018 23:38

Tgt Ion: 83 Resp: 103183

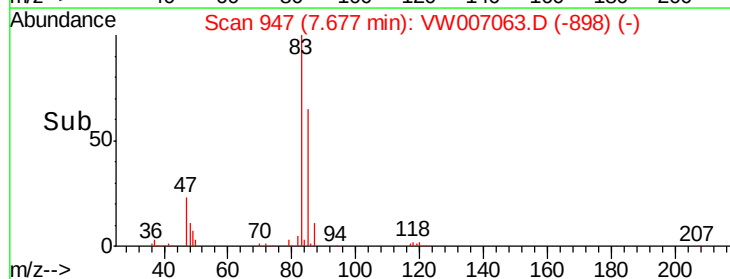
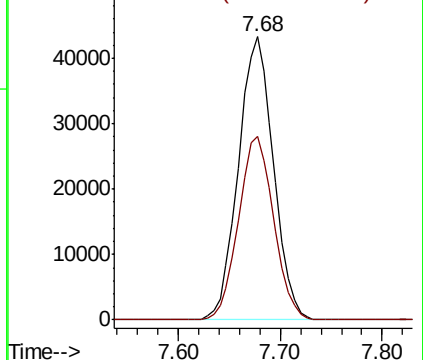
Ion Ratio Lower Upper

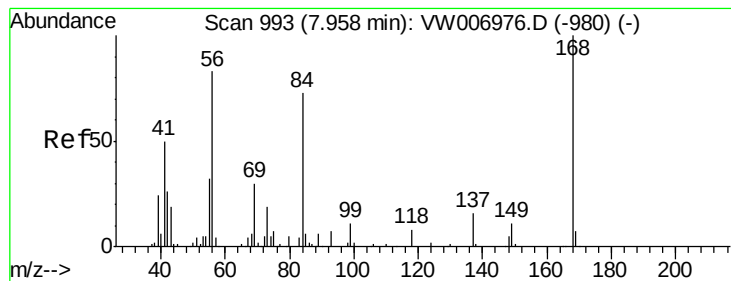
83 100

85 65.0 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: 45.576 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

ClientSampled :

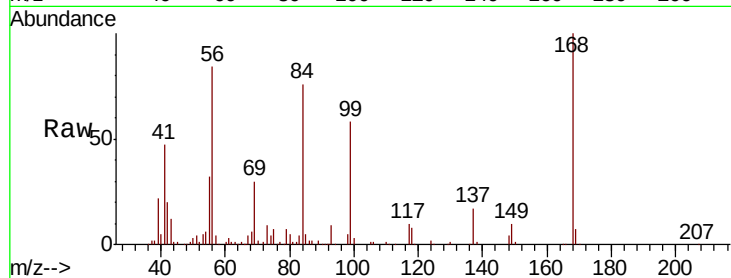
Tot Ion: 56 Resp: 92390

Ion Ratio Lower Upper

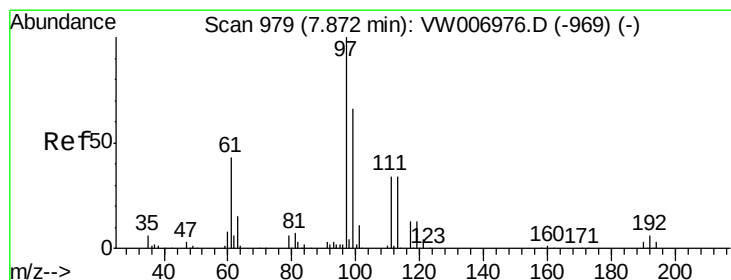
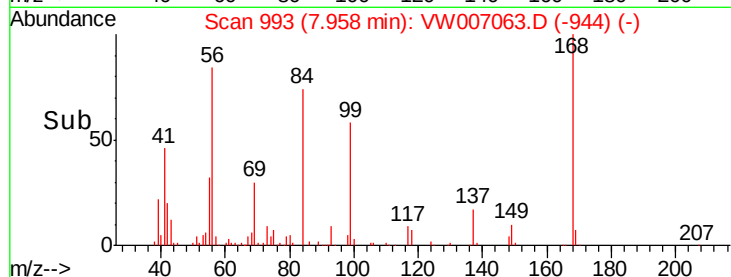
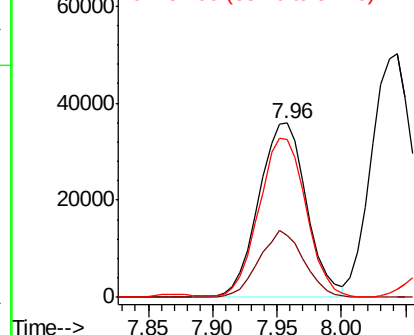
56 100

69 35.6 29.1 43.7

84 89.3 70.6 105.8



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



#32

1,1,1-Trichloroethane

Concen: 52.268 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

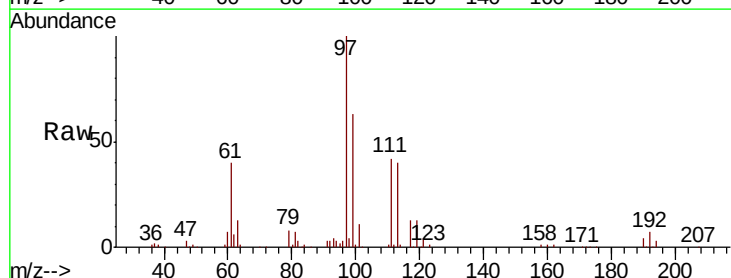
Tgt Ion: 97 Resp: 95591

Ion Ratio Lower Upper

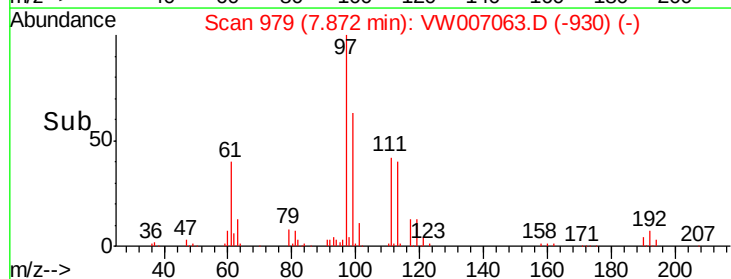
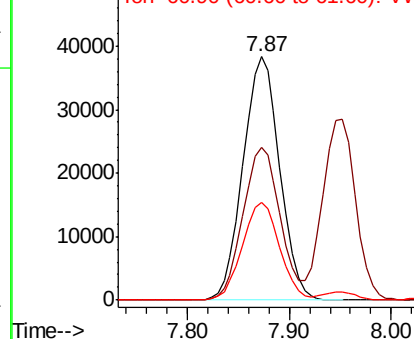
97 100

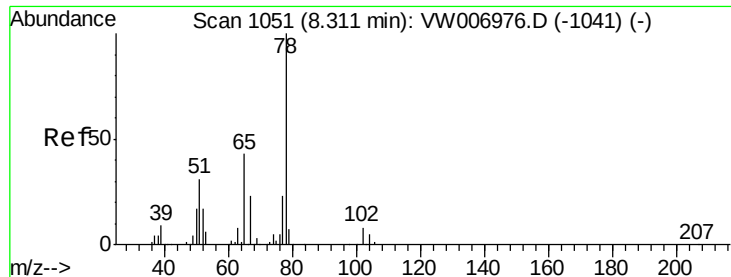
99 64.4 51.9 77.9

61 40.7 33.4 50.2



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

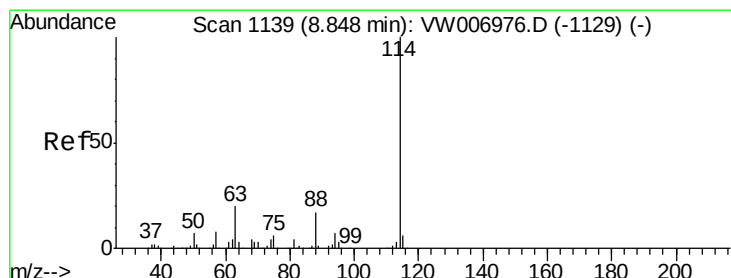
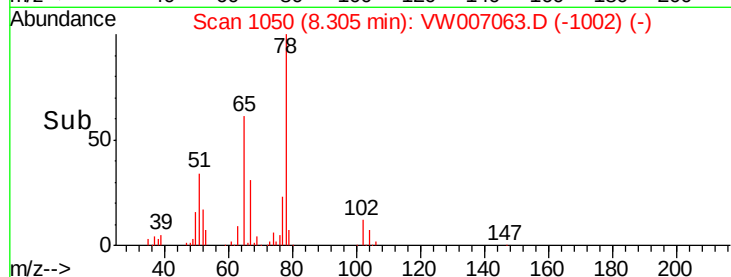
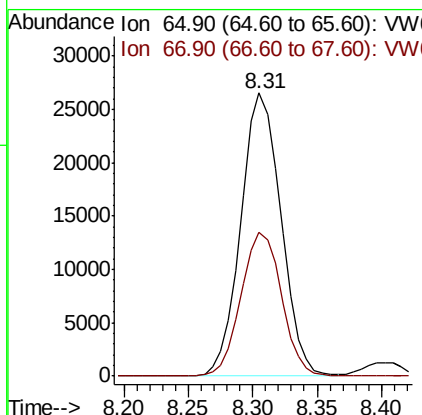
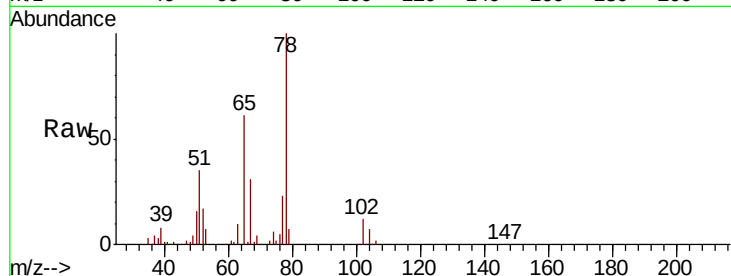




#33
 1,2-Dichloroethane-d4
 Concen: 54.479 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

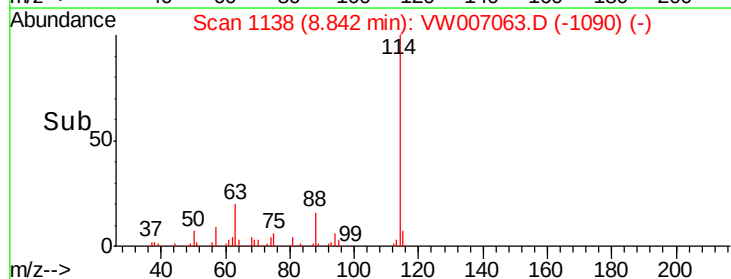
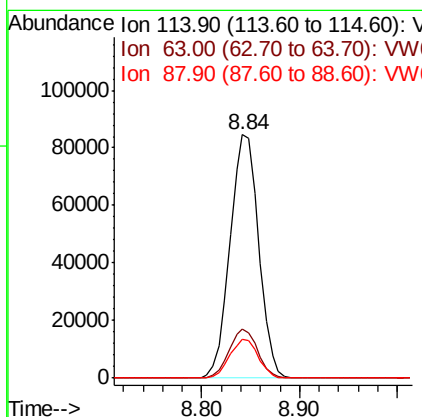
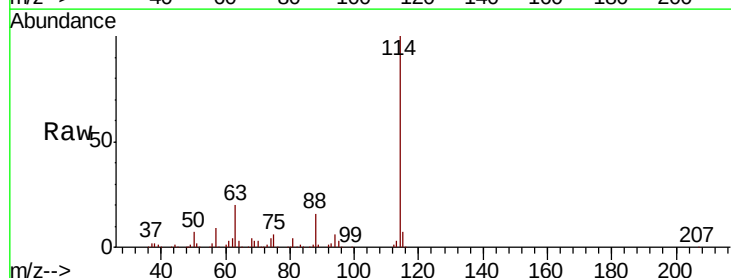
Instrument :
 MSVOA_W
 ClientSampled :

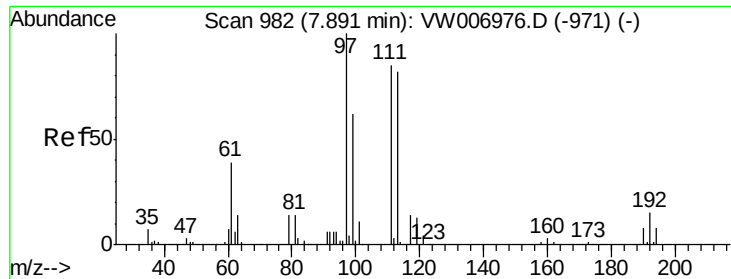
Tot Ion: 65 Resp: 57343
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion: 114 Resp: 171953
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 16.0 0.0 34.2

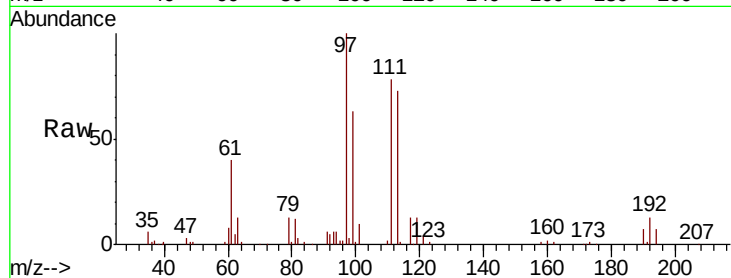




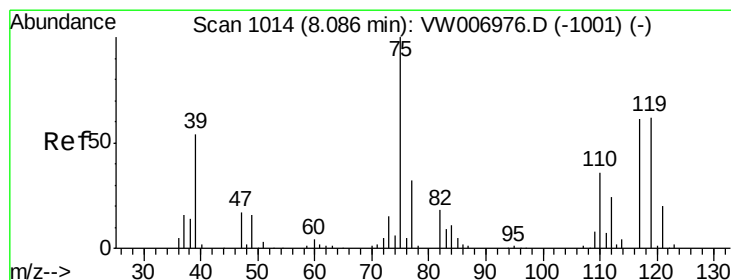
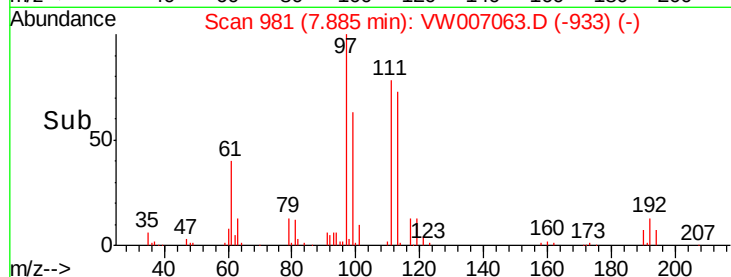
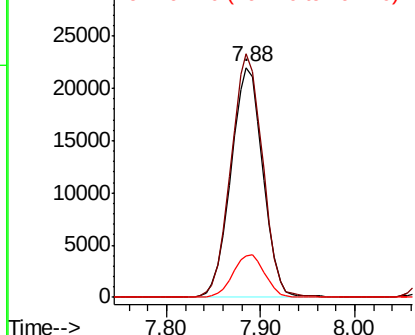
#35
 Dibromofluoromethane
 Concen: 53.392 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 51847
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.0 121.6
 192 18.4 15.0 22.6

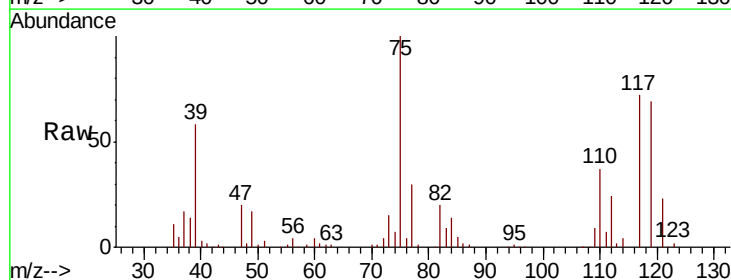


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

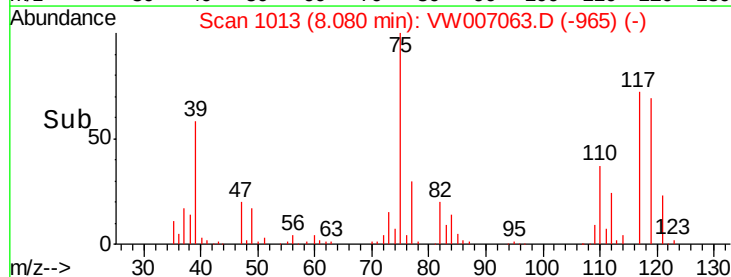
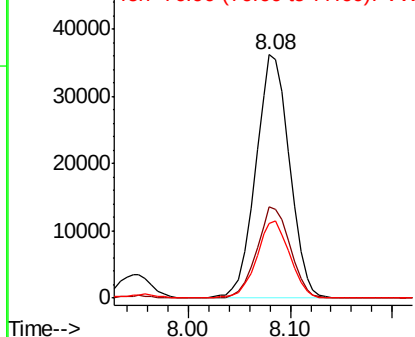


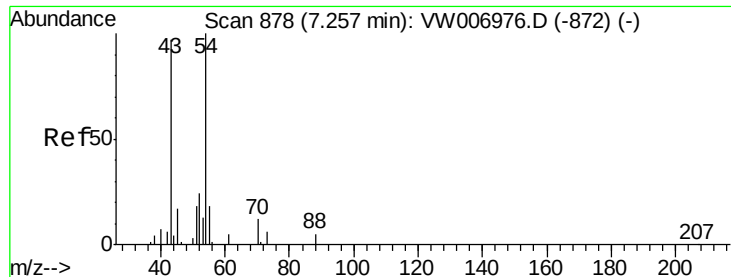
#36
 1,1-Dichloropropene
 Concen: 49.580 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion: 75 Resp: 83312
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.0 54.0
 77 31.1 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

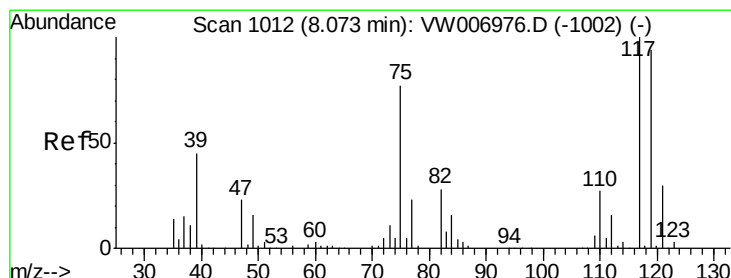
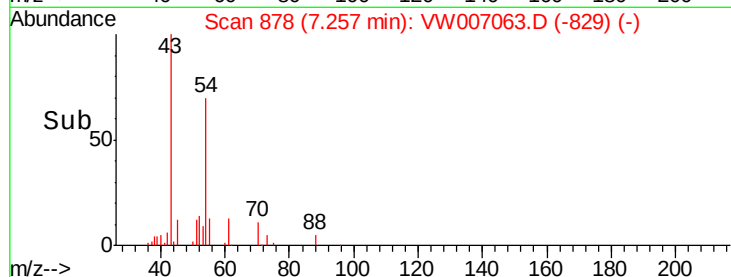
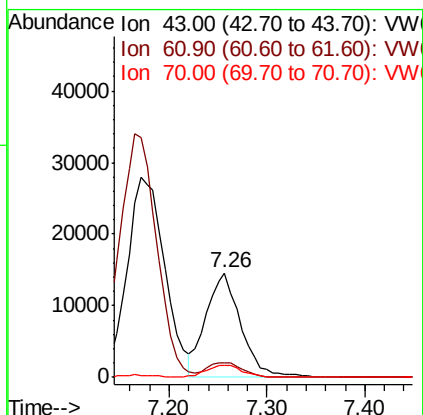
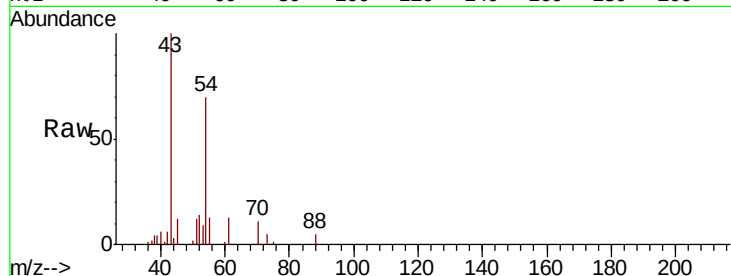




#37
Ethyl Acetate
Concen: 58.815 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

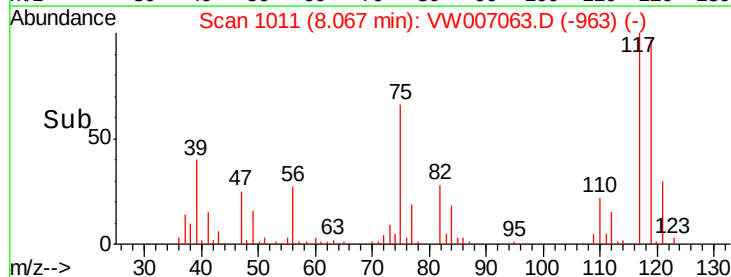
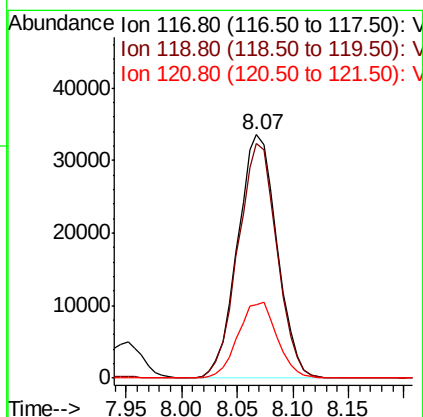
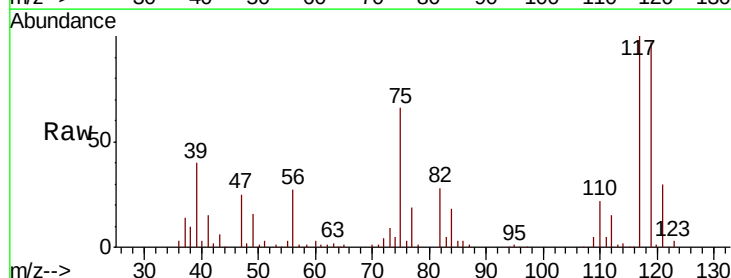
Instrument :
MSVOA_W
ClientSampleId :

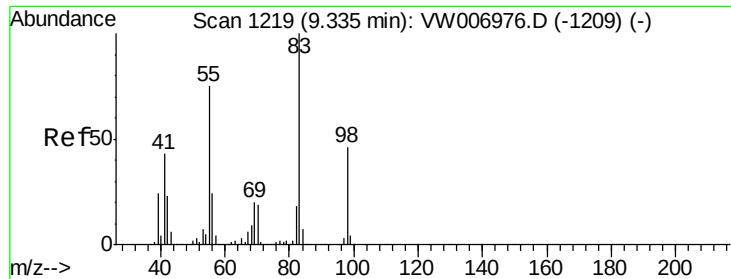
Tot Ion: 43 Resp: 35813
Ion Ratio Lower Upper
43 100
61 14.2 10.4 15.6
70 11.9 8.8 13.2



#38
Carbon Tetrachloride
Concen: 51.297 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 117 Resp: 82541
Ion Ratio Lower Upper
117 100
119 96.5 74.9 112.3
121 30.3 23.6 35.4

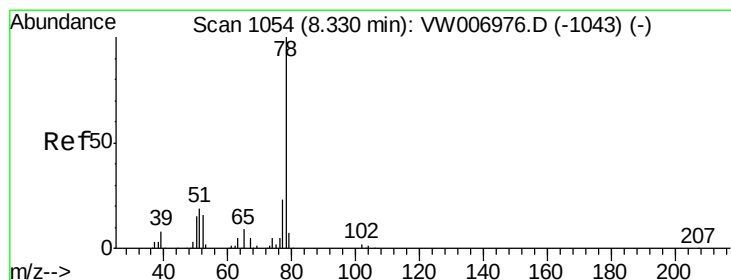
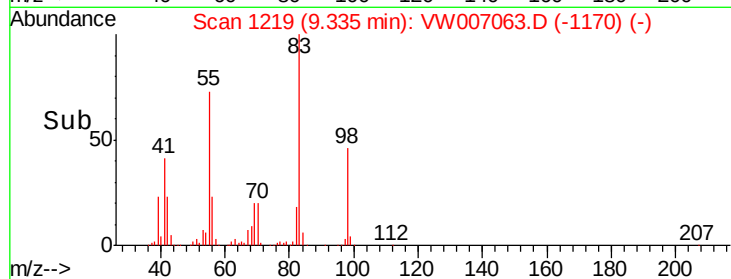
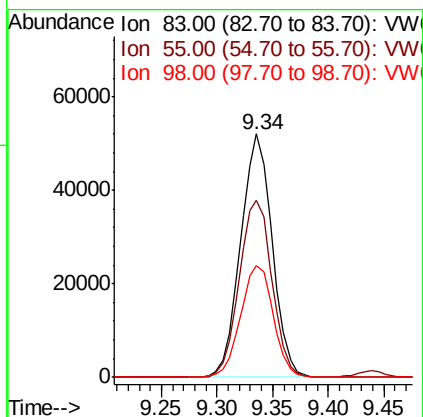
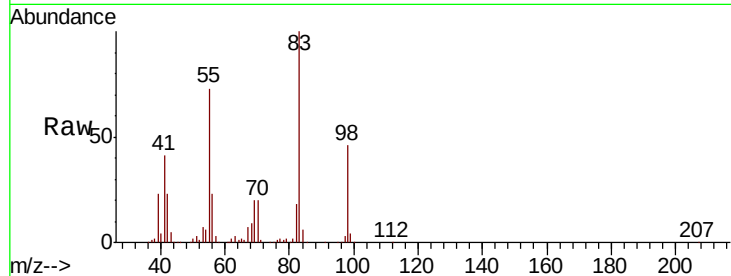




#39
Methylvlcyclohexane
Concen: 48.735 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

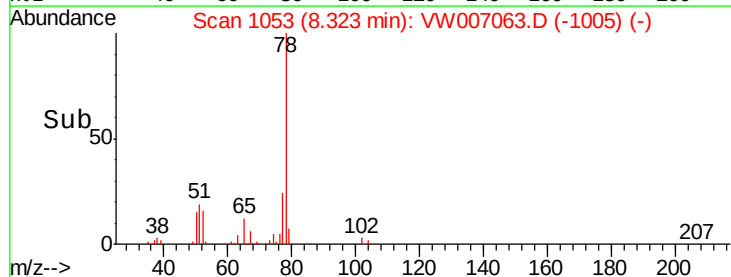
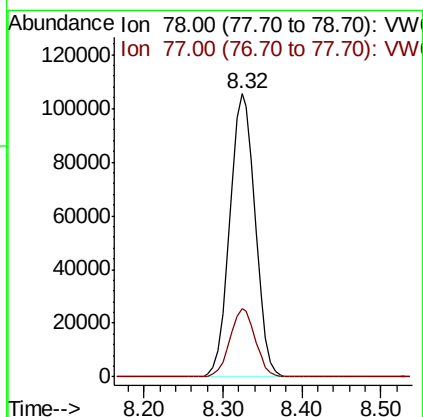
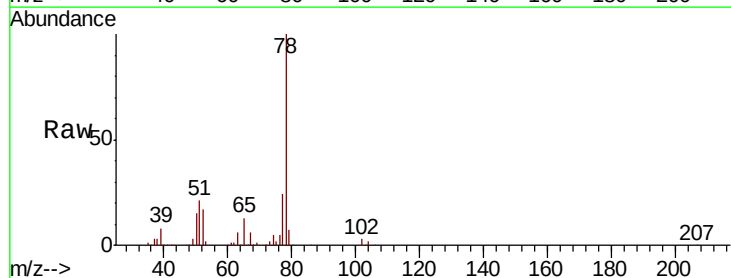
Instrument :
MSVOA_W
ClientSampleId :

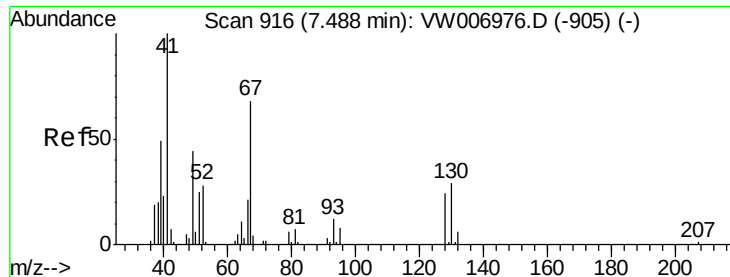
Tot Ion: 83 Resp: 102480
Ion Ratio Lower Upper
83 100
55 72.7 59.6 89.4
98 45.9 37.1 55.7



#40
Benzene
Concen: 51.893 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 78 Resp: 235376
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

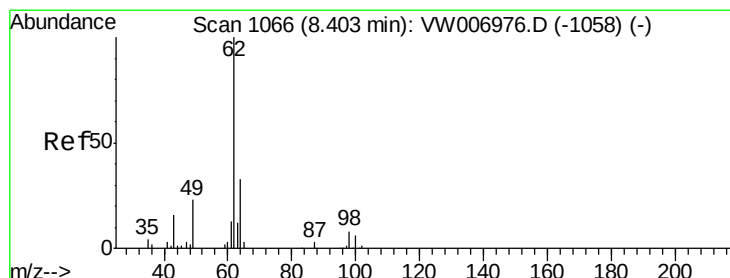
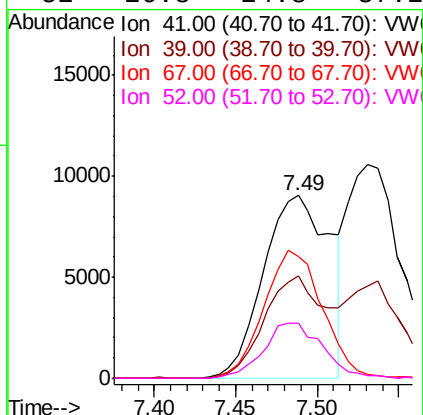
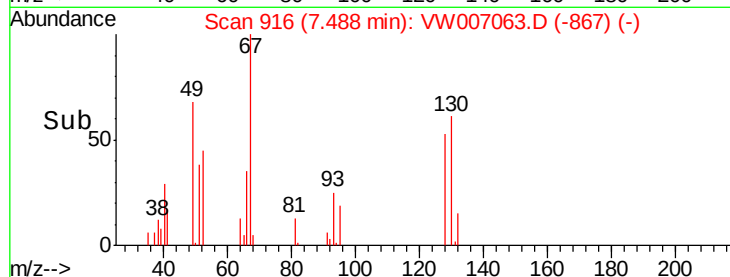
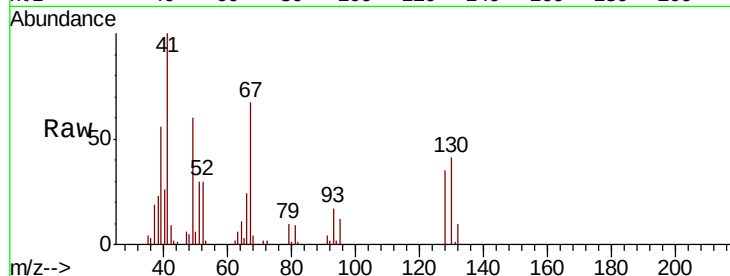




#41
Methacrylonitrile
Concen: 68.042 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

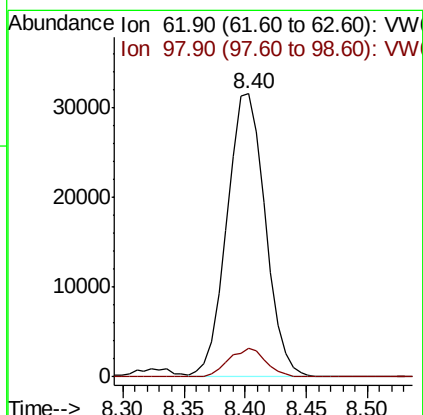
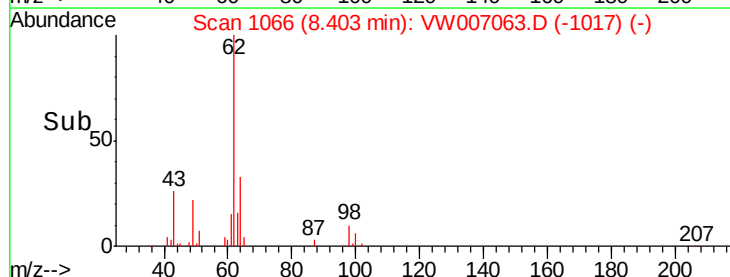
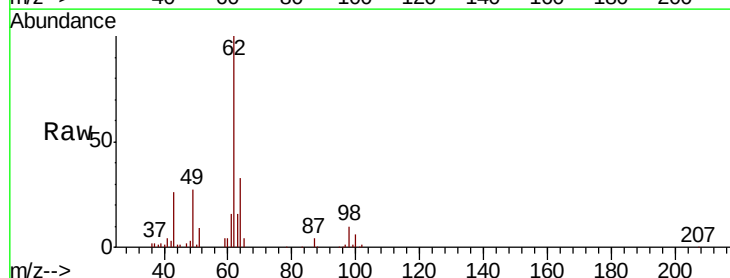
Instrument :
MSVOA_W
ClientSampled :

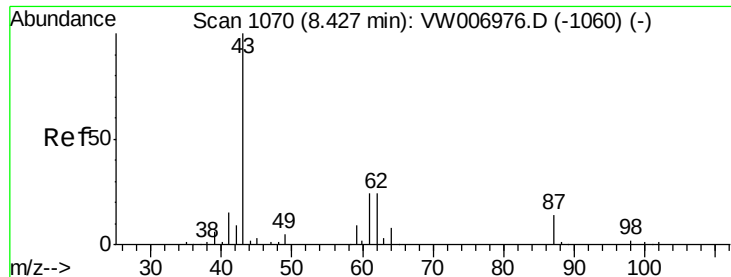
Tot Ion:	41	Resp:	25730
Ion	Ratio	Lower	Upper
41	100		
39	52.6	48.6	73.0
67	61.8	59.8	89.8
52	26.8	24.8	37.2



#42
1,2-Dichloroethane
Concen: 52.198 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion:	62	Resp:	68739
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 61.261 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

ClientSampled :

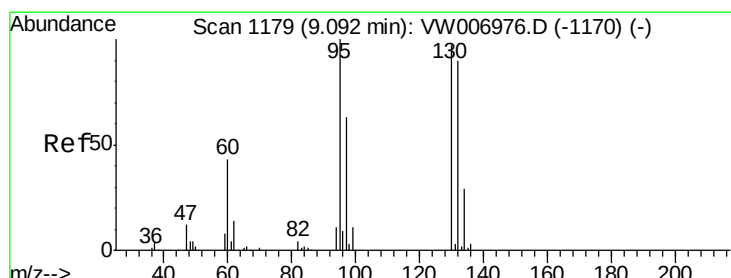
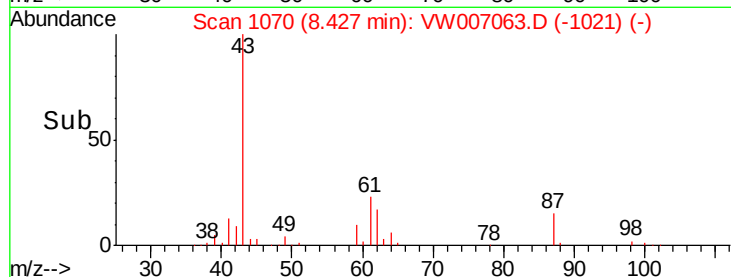
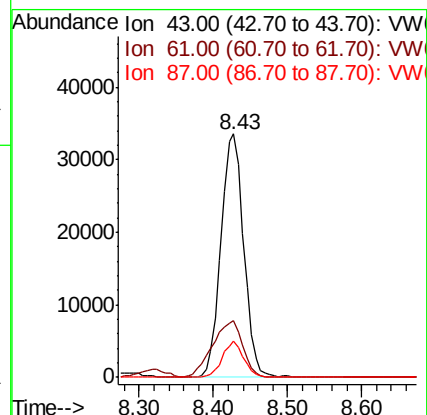
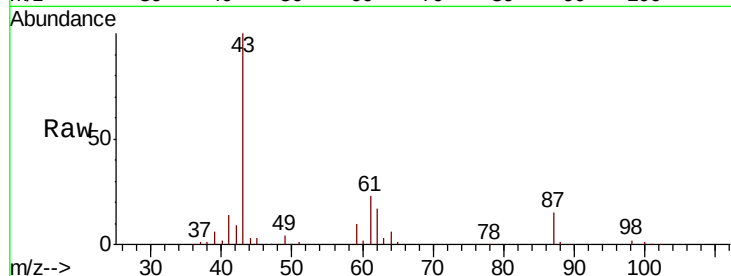
Tot Ion: 43 Resp: 71086

Ion Ratio Lower Upper

43 100

61 30.6 26.1 39.1

87 13.7 11.2 16.8



#44

Trichloroethene

Concen: 52.680 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007063.D

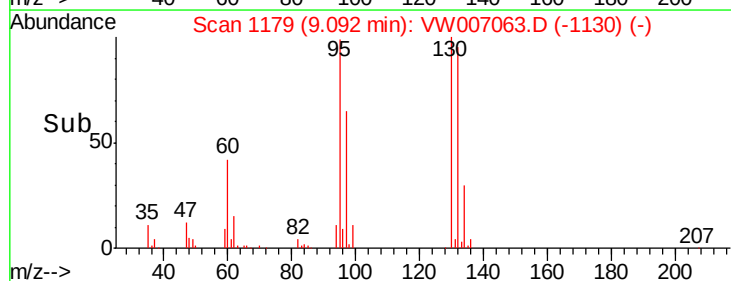
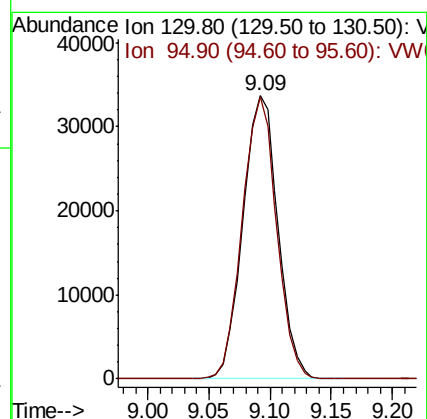
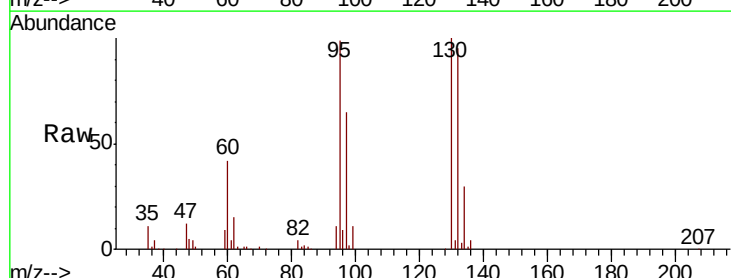
Acq: 26 Nov 2018 23:38

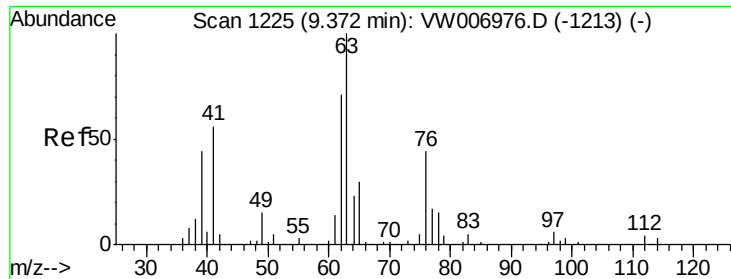
Tgt Ion: 130 Resp: 66983

Ion Ratio Lower Upper

130 100

95 99.5 0.0 206.4

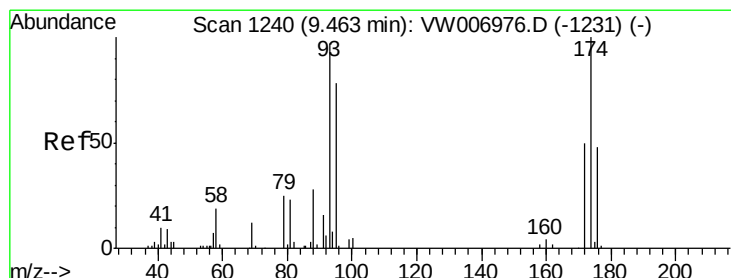
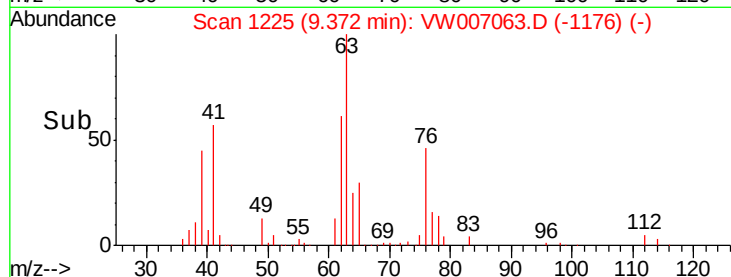
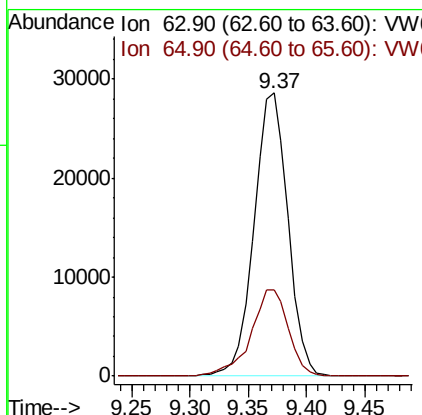
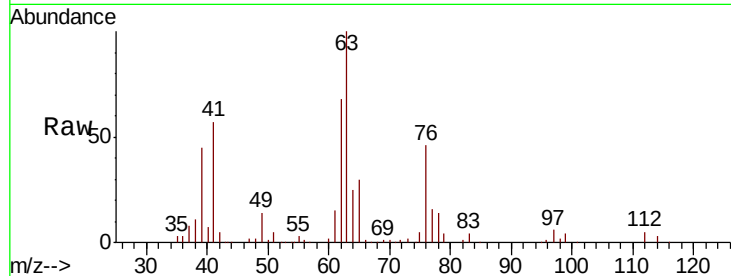




#45
 1,2-Dichloropropane
 Concen: 51.843 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

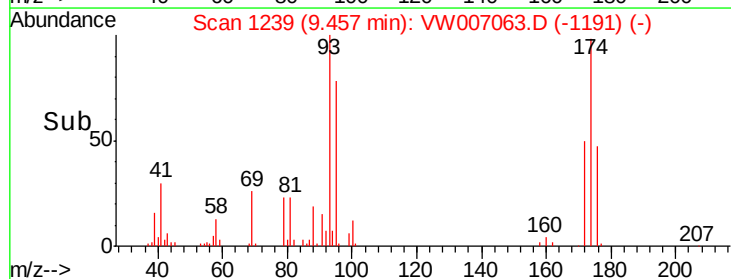
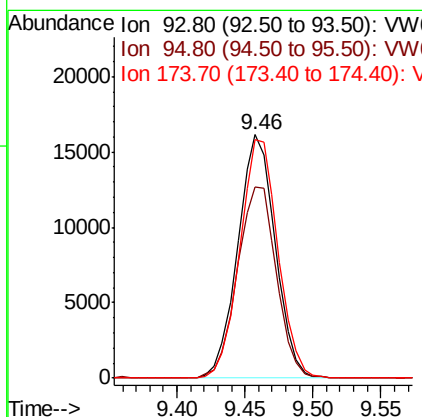
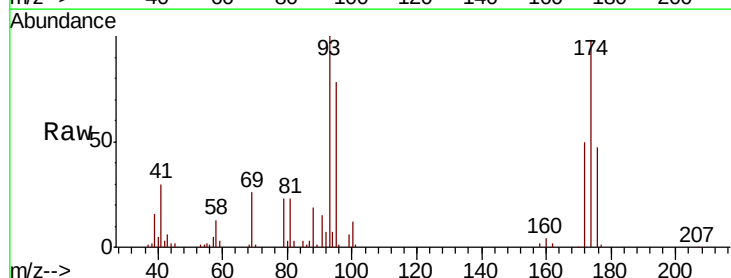
Instrument :
 MSVOA_W
 ClientSampleId :

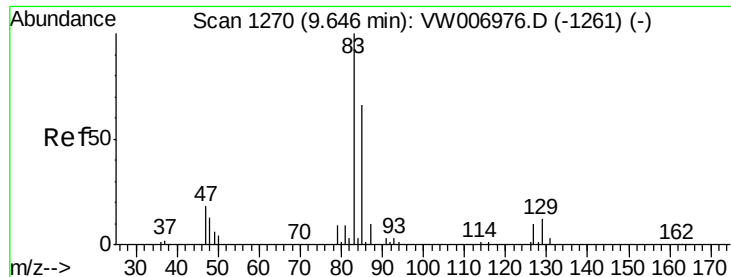
Tot Ion: 63 Resp: 57966
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.4 36.6



#46
 Dibromomethane
 Concen: 55.209 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion: 93 Resp: 30913
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.1 99.1
 174 100.1 79.7 119.5





#47

Bromodichloromethane

Concen: 52.198 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :
MSVOA_W
ClientSampled :

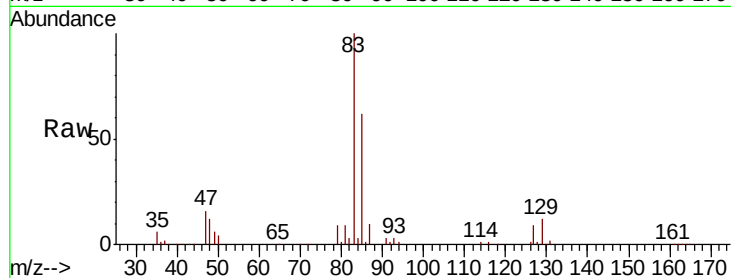
Tot Ion: 83 Resp: 77005

Ion Ratio Lower Upper

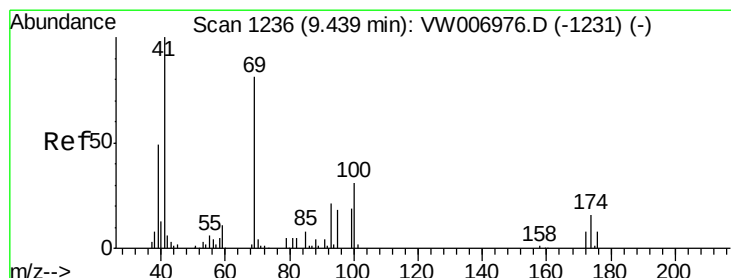
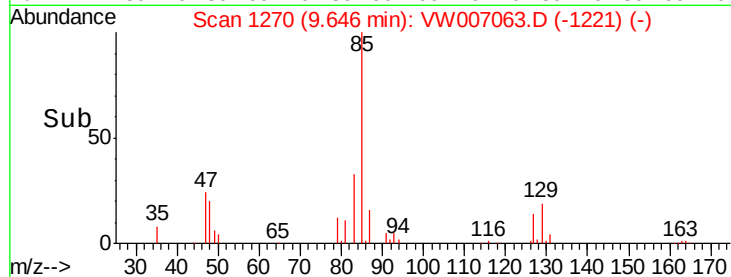
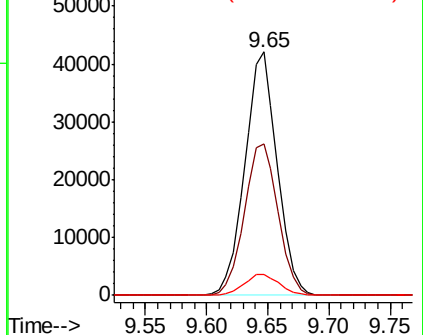
83 100

85 62.4 52.9 79.3

127 8.5 7.8 11.6



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



#48

Methyl methacrylate

Concen: 61.359 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

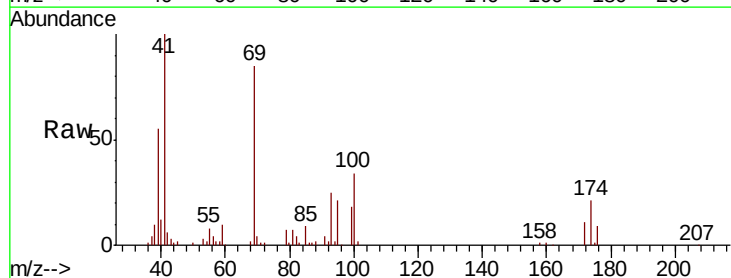
Tgt Ion: 41 Resp: 34331

Ion Ratio Lower Upper

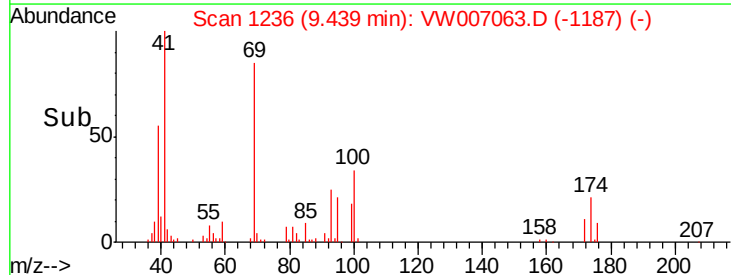
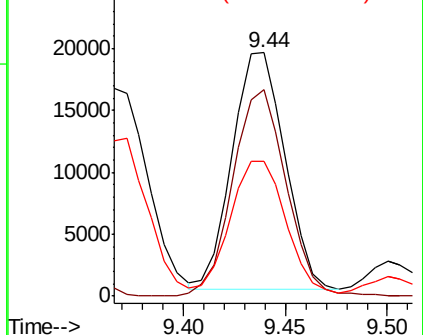
41 100

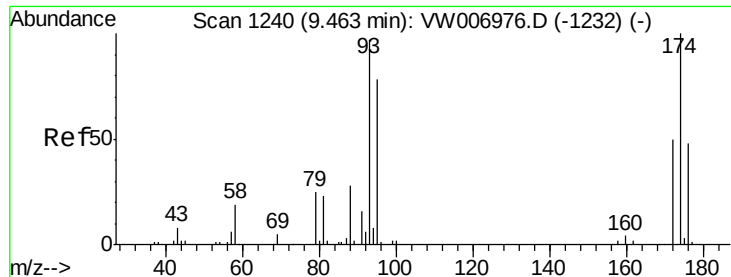
69 89.1 71.4 107.0

39 61.5 44.8 67.2



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

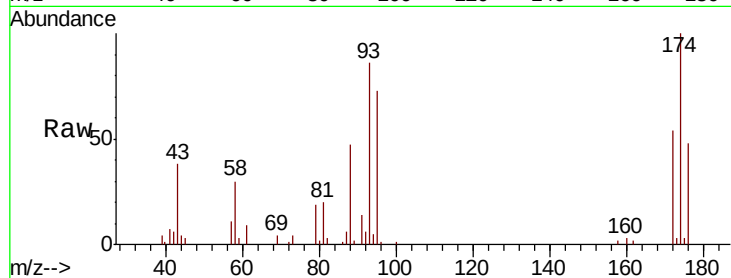




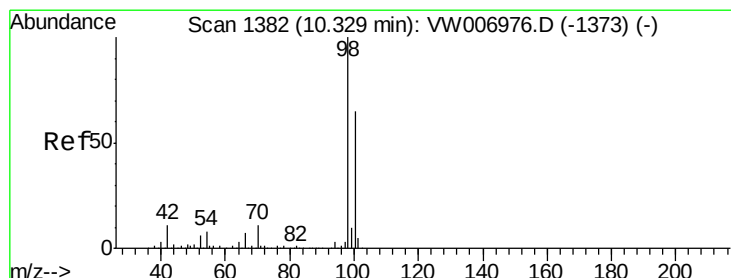
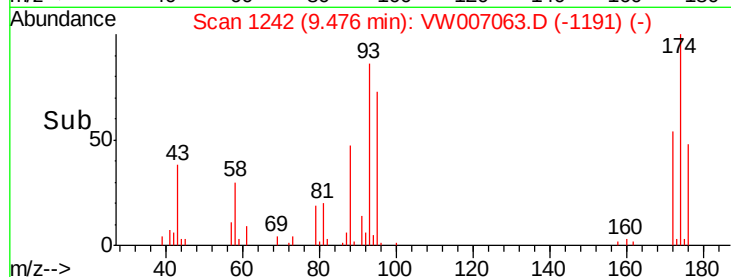
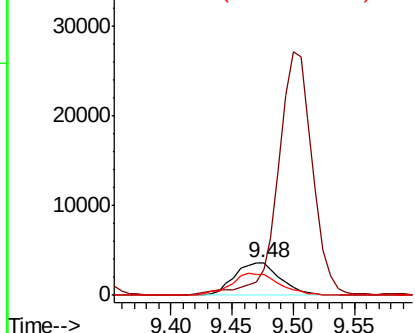
#49
1,4-Dioxane
Concen: 1147.758 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 9552
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.6 59.0 88.6

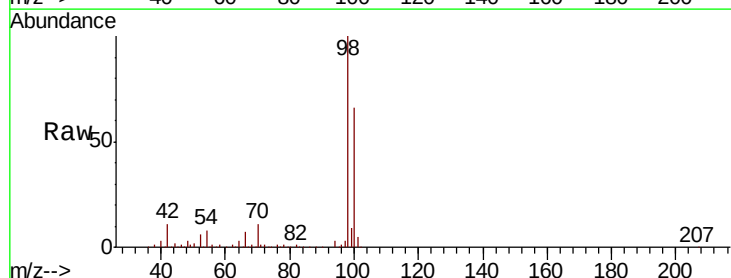


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

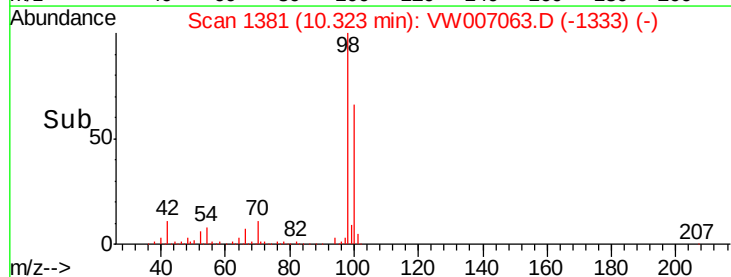
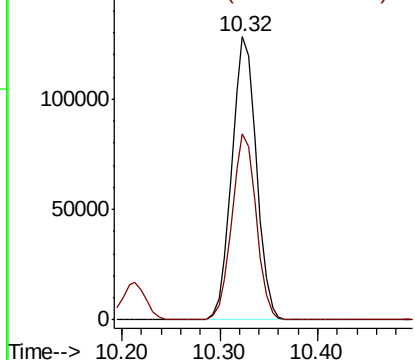


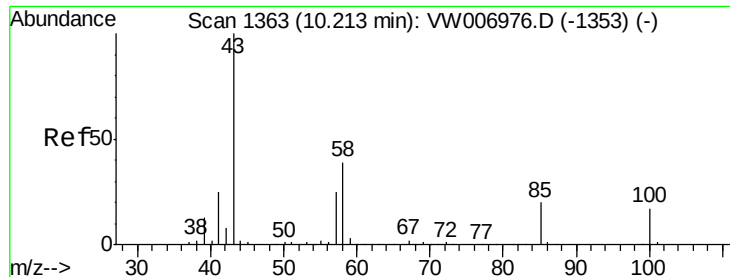
#50
Toluene-d8
Concen: 52.005 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 98 Resp: 223001
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



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

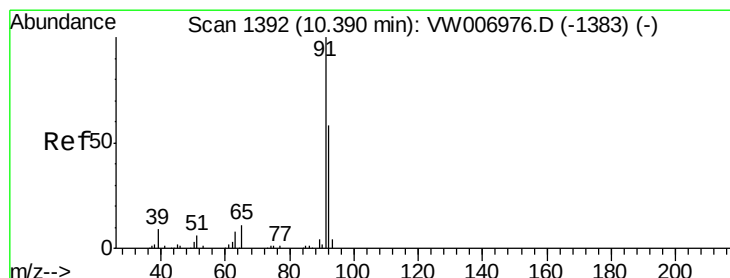
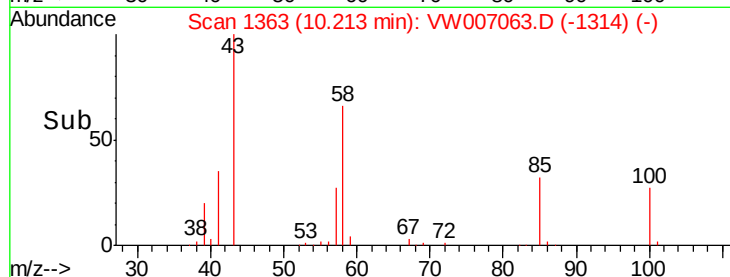
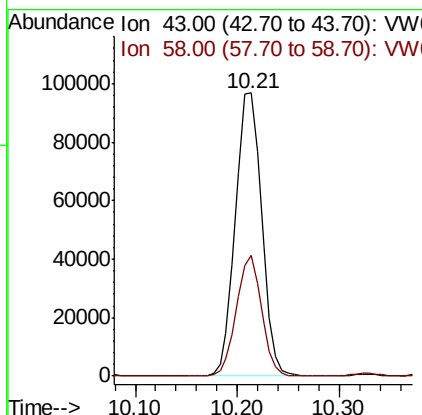
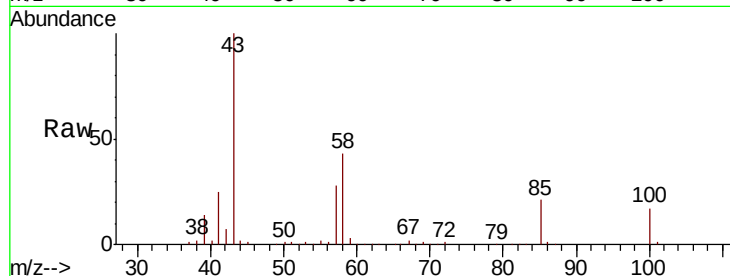




#51
4-Methyl-2-Pentanone
Concen: 295.404 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

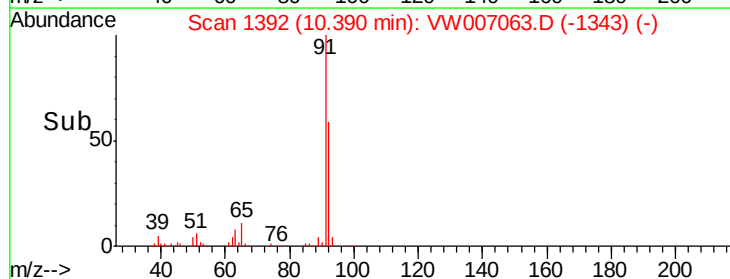
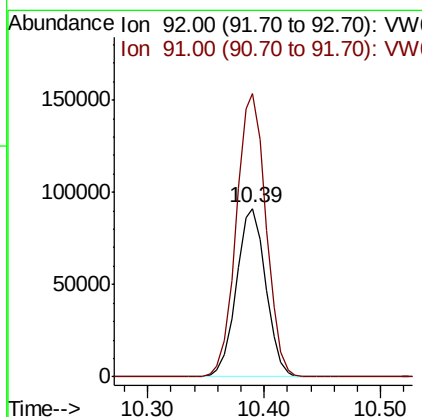
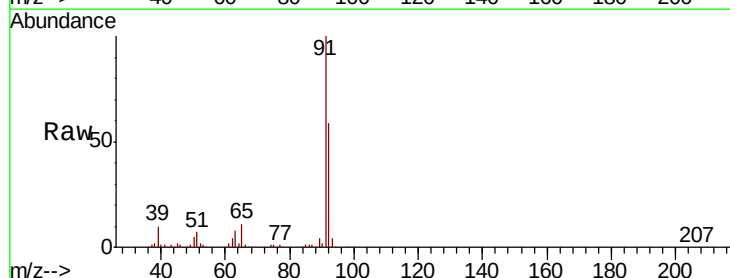
Instrument :
MSVOA_W
ClientSampleId :

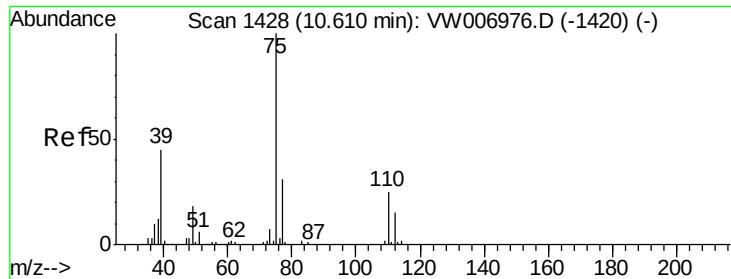
Tot Ion: 43 Resp: 173226
Ion Ratio Lower Upper
43 100
58 40.5 31.8 47.6



#52
Toluene
Concen: 51.999 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 92 Resp: 160511
Ion Ratio Lower Upper
92 100
91 169.5 137.3 205.9

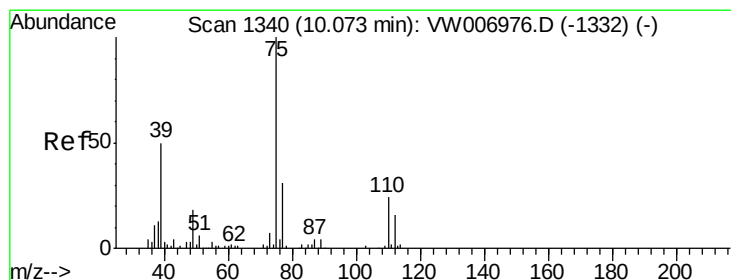
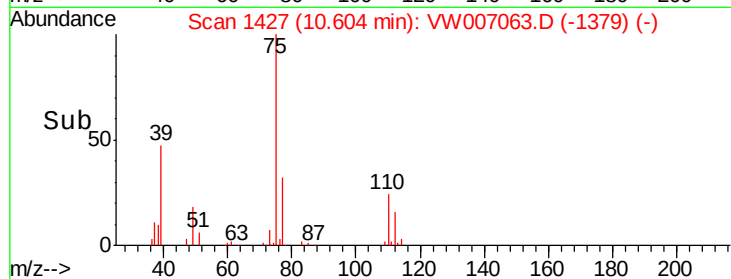
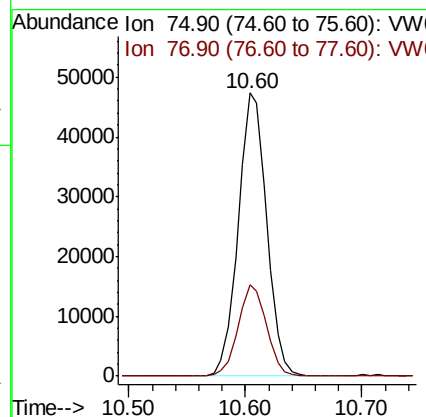
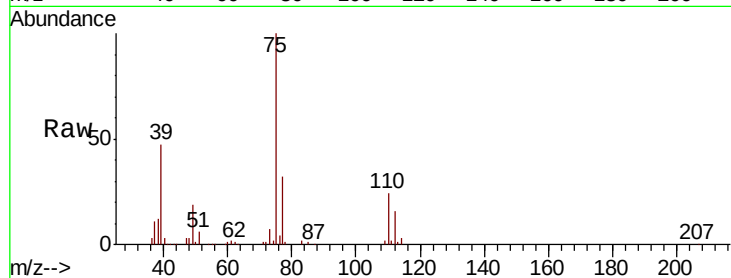




#53
t-1,3-Dichloropropene
Concen: 56.353 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

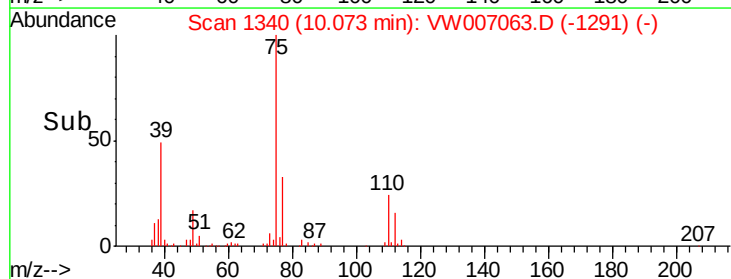
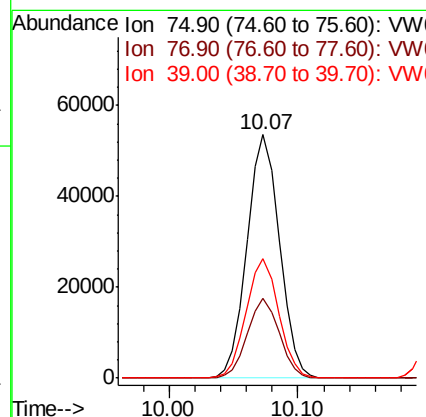
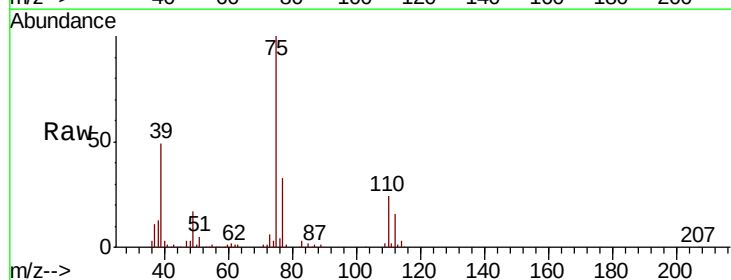
Instrument :
MSVOA_W
ClientSampled :

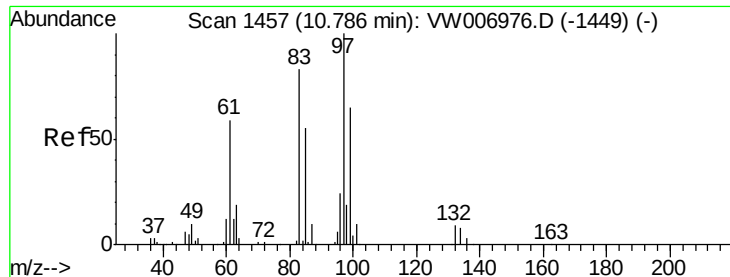
Tot Ion: 75 Resp: 80534
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 54.099 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 75 Resp: 93404
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 49.1 39.9 59.9

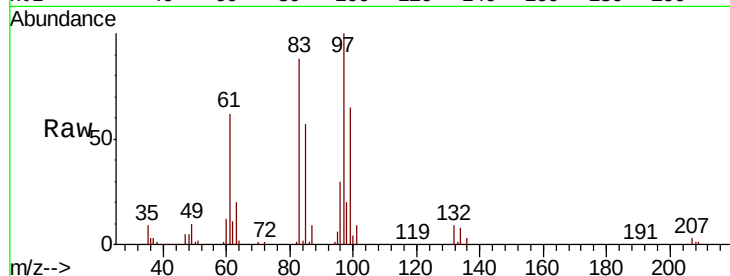




#55
 1,1,2-Trichloroethane
 Concen: 55.676 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	45866
Ion	Ratio	Lower	Upper
97	100		
83	88.5	66.4	99.6
85	56.8	44.1	66.1
99	65.2	51.7	77.5



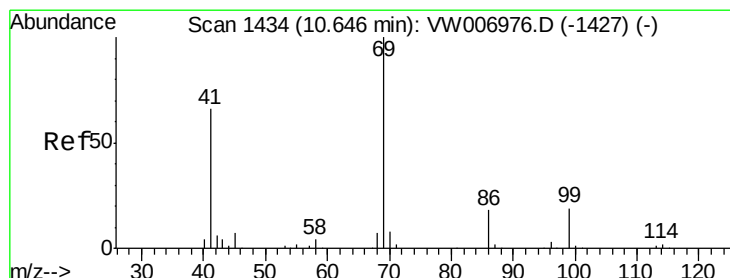
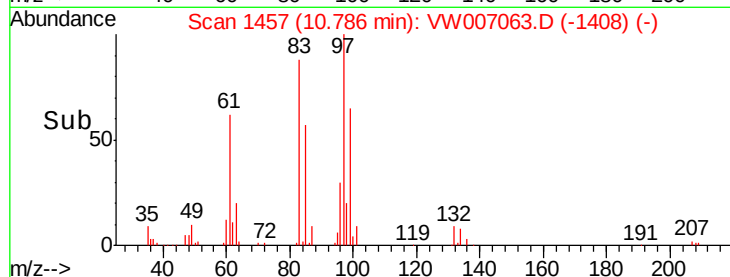
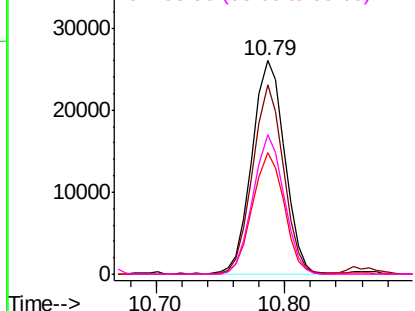
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

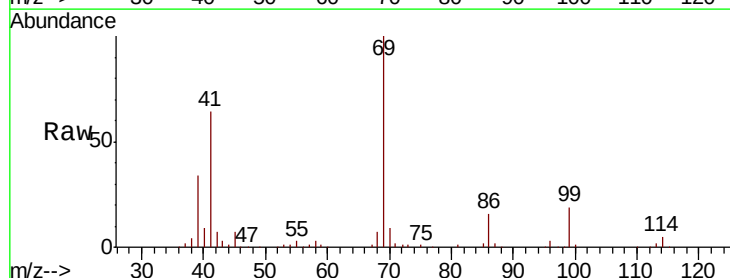
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 62.054 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion:	69	Resp:	59340
Ion	Ratio	Lower	Upper
69	100		
41	64.1	53.4	80.0
39	34.6	28.2	42.4

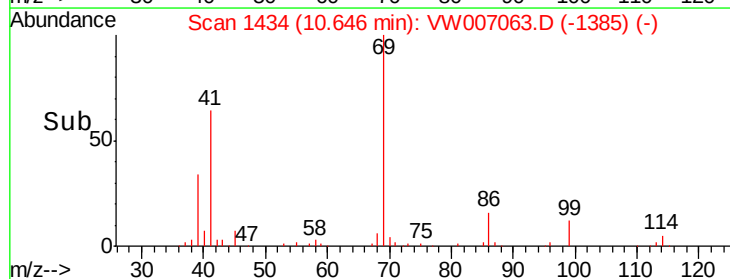
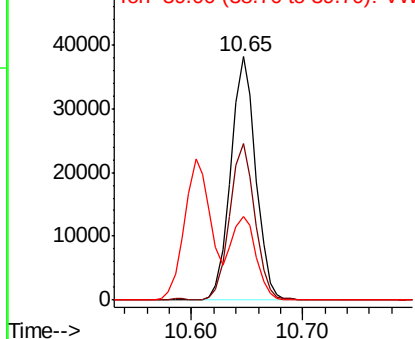


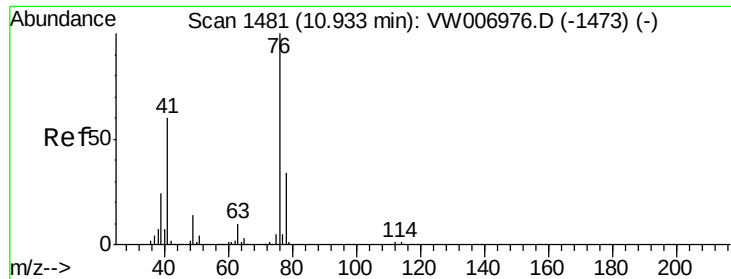
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

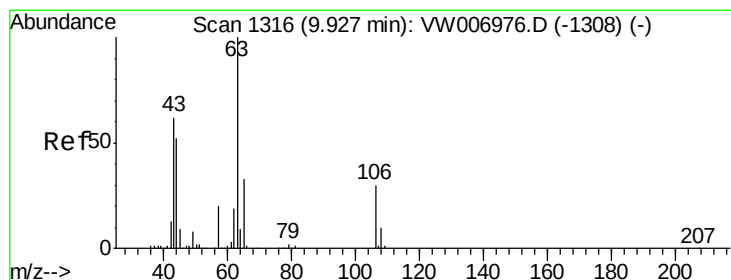
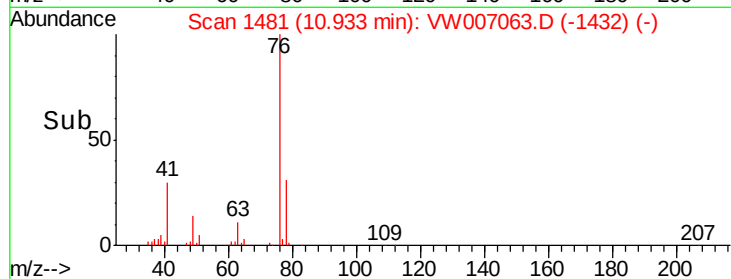
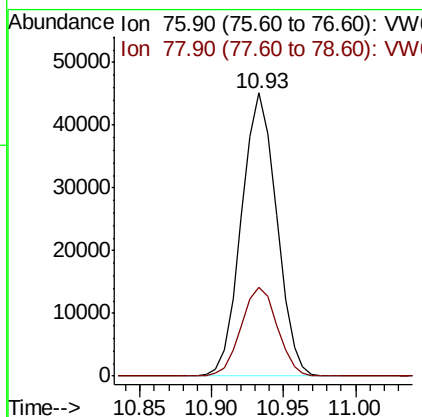
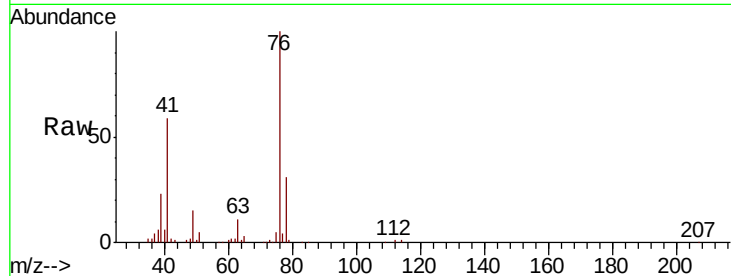




#57
 1,3-Dichloropropane
 Concen: 55.438 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

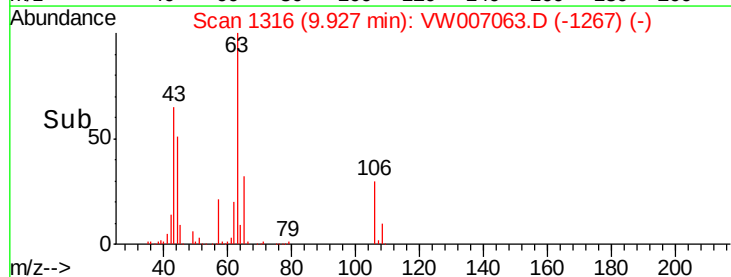
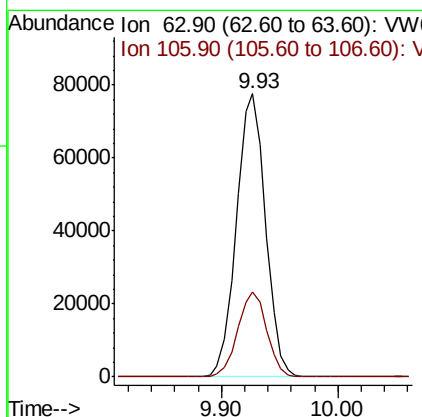
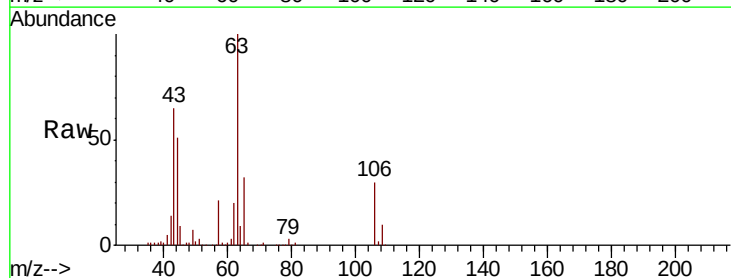
Instrument :
 MSVOA_W
 ClientSampled :

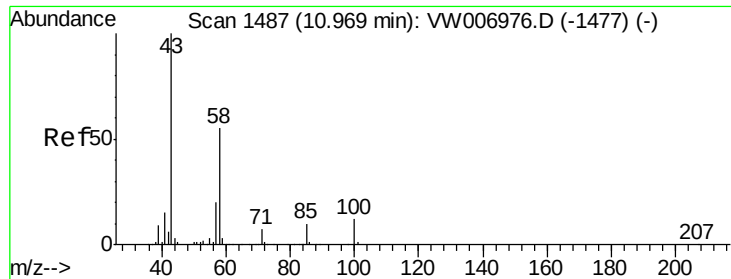
Tot Ion: 76 Resp: 76535
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.313 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion: 63 Resp: 135074
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.5 35.3

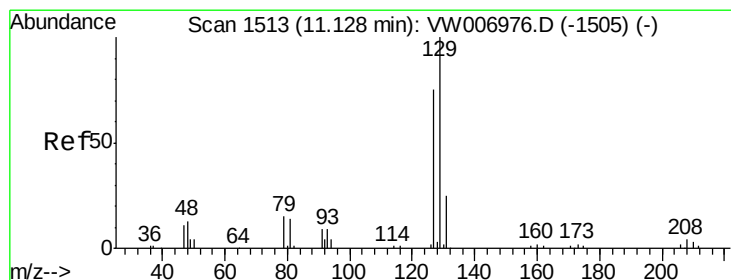
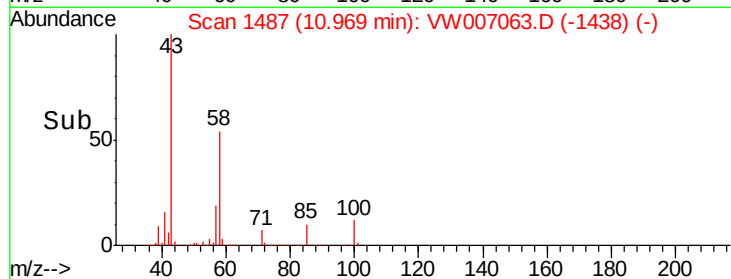
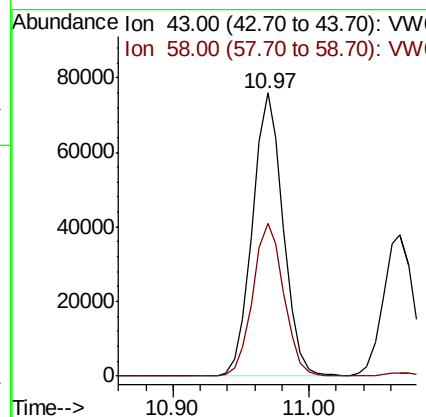
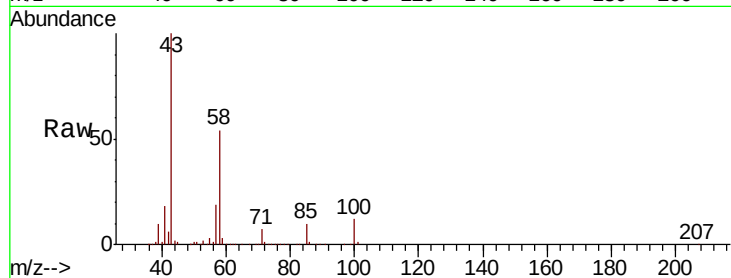




#59
2-Hexanone
Concen: 298.946 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

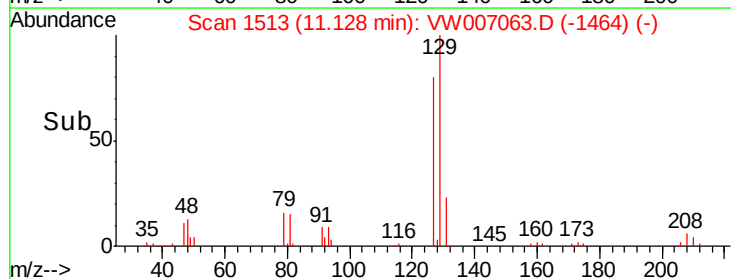
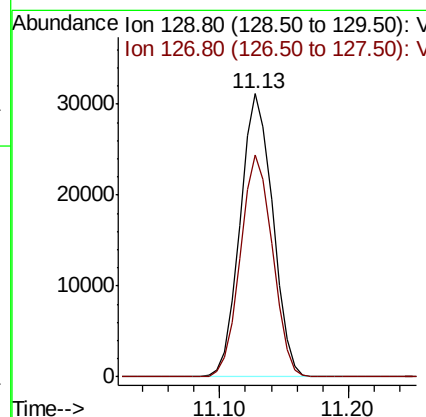
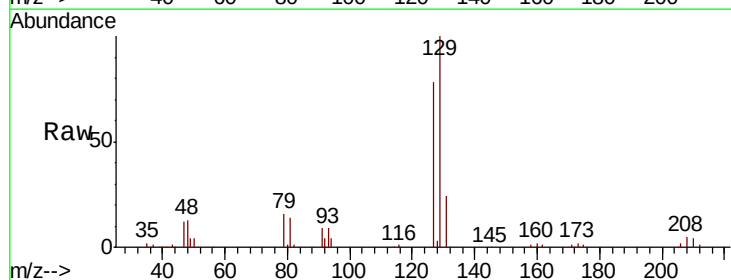
Instrument :
MSVOA_W
ClientSampleId :

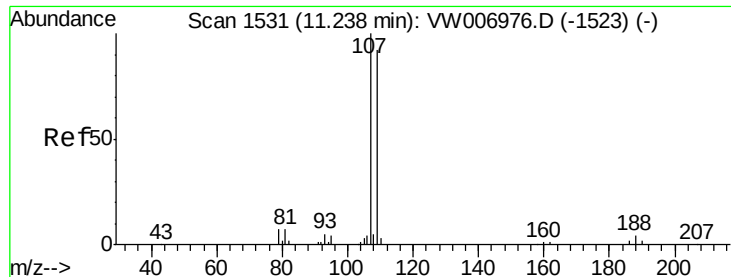
Tot Ion: 43 Resp: 120046
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 58.128 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 129 Resp: 54565
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8

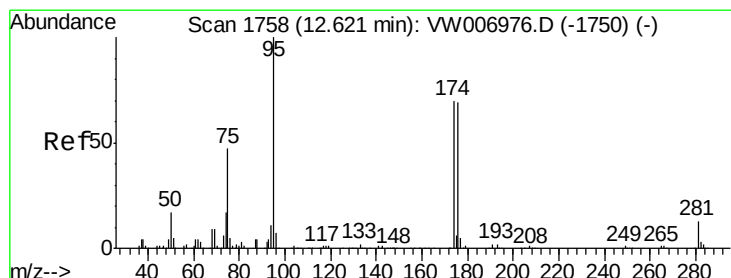
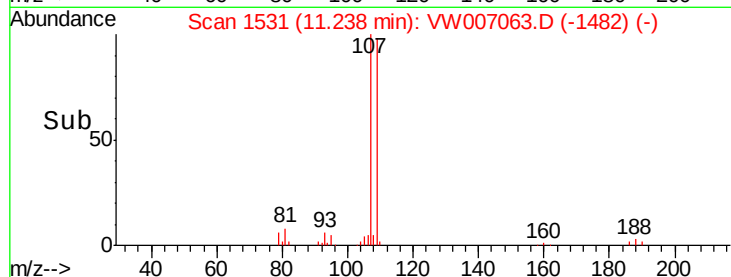
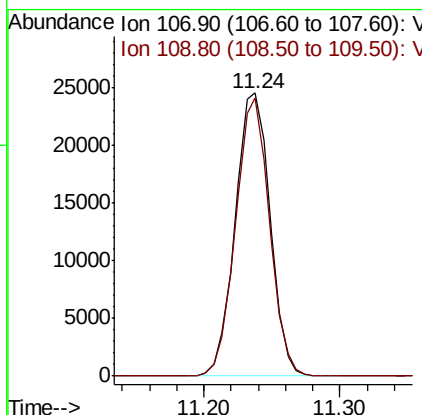
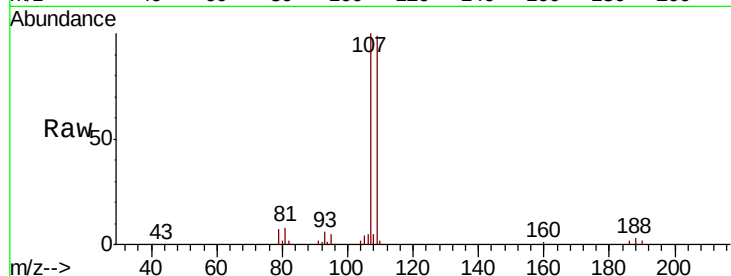




#61
 1,2-Dibromoethane
 Concen: 58.227 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

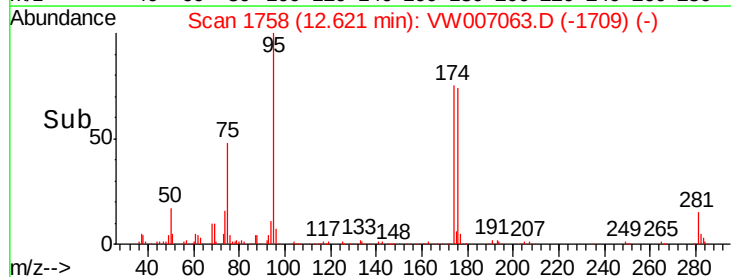
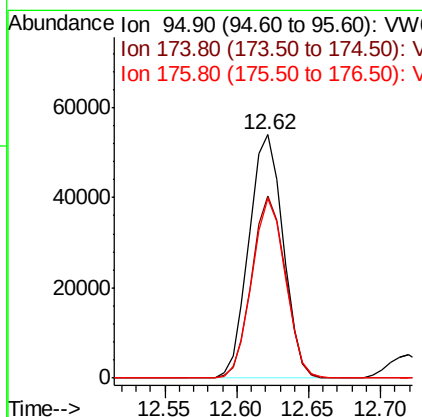
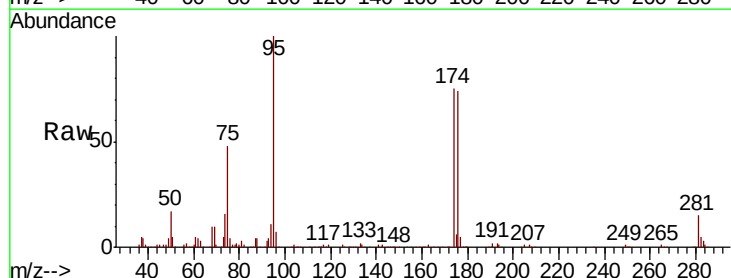
Instrument :
 MSVOA_W
 ClientSampled :

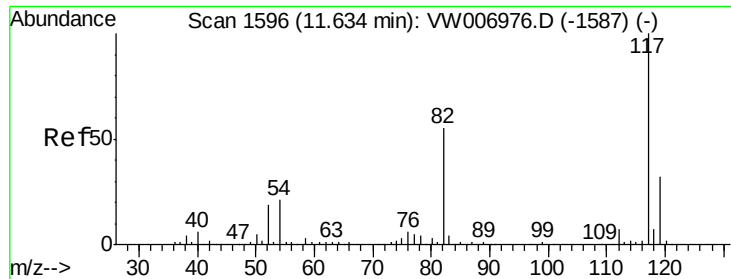
Tot Ion:107 Resp: 43880
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.597 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion: 95 Resp: 88753
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 143.6
 176 72.1 0.0 140.4

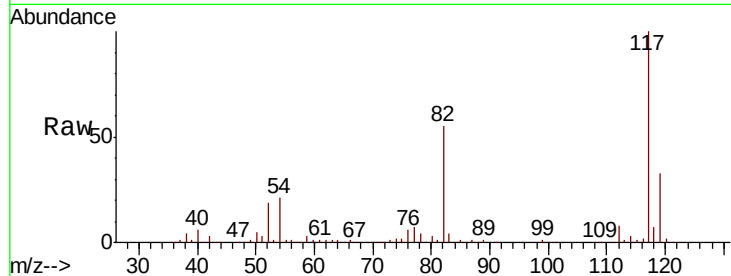




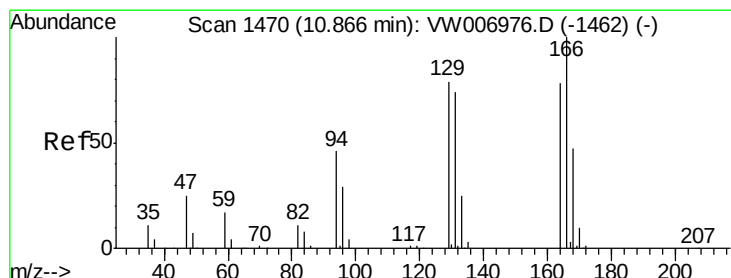
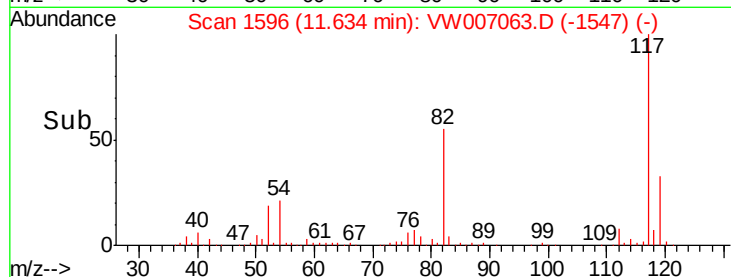
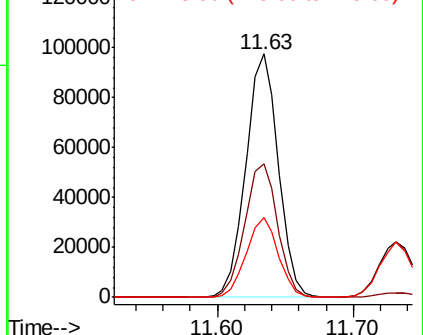
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 163111
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.8 25.9 38.9

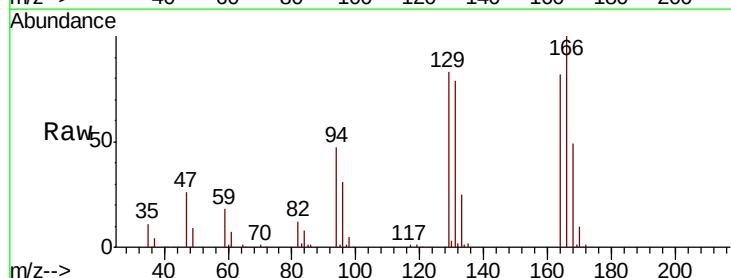


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

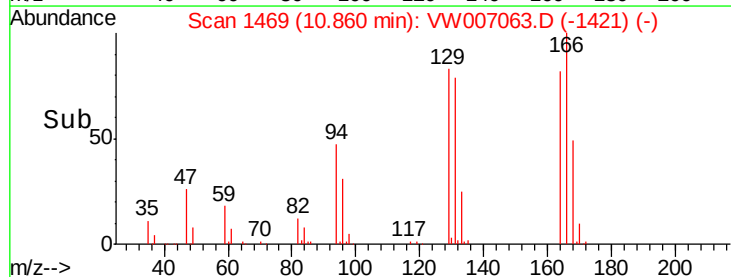
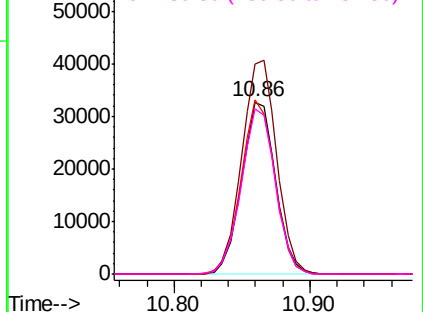


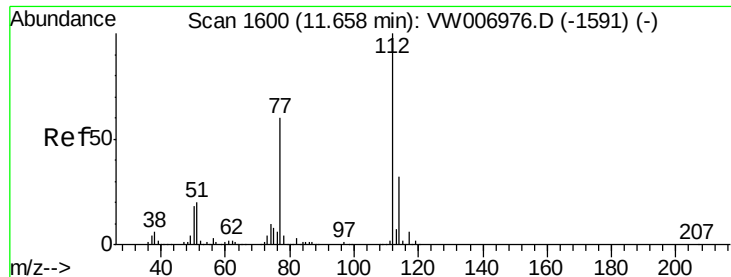
#64
Tetrachloroethene
Concen: 54.268 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion:164 Resp: 56945
Ion Ratio Lower Upper
164 100
166 122.5 102.1 153.1
129 101.2 80.4 120.6
131 96.4 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

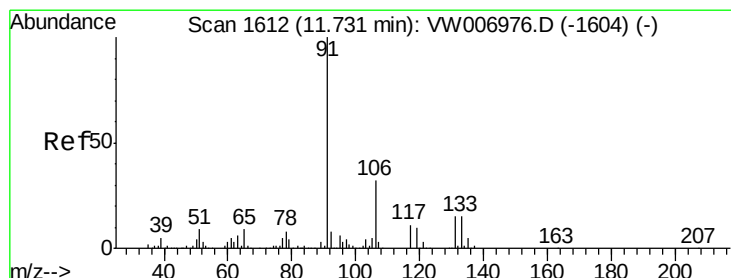
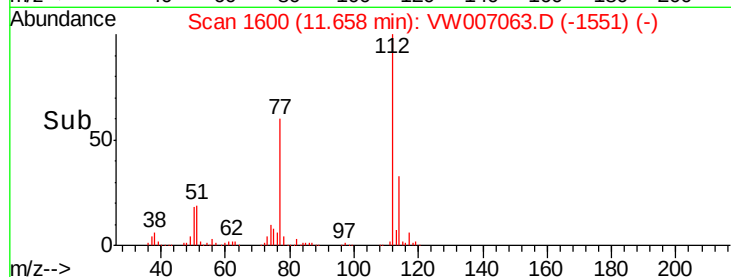
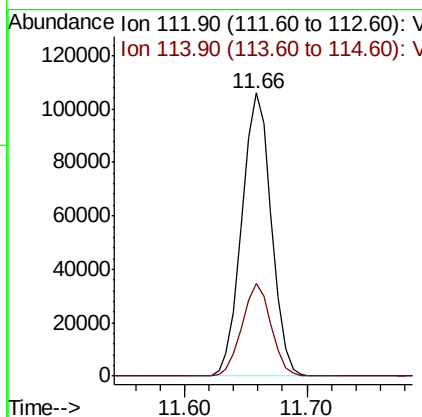
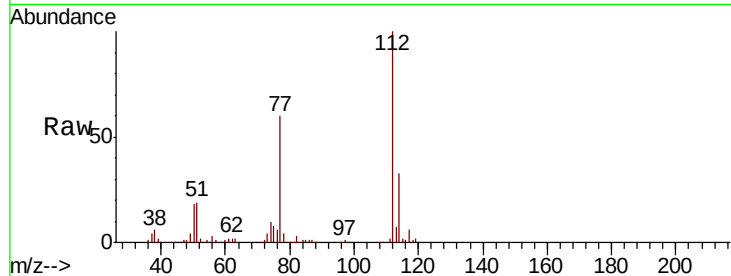




#65
Chlorobenzene
Concen: 52.090 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

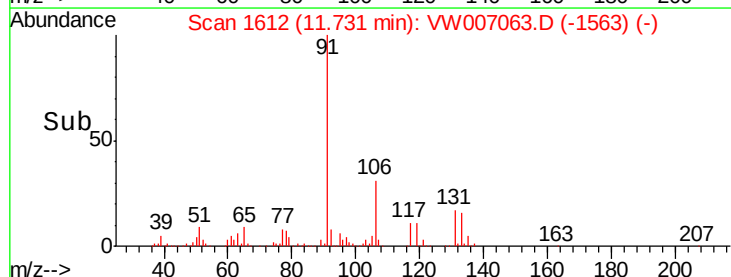
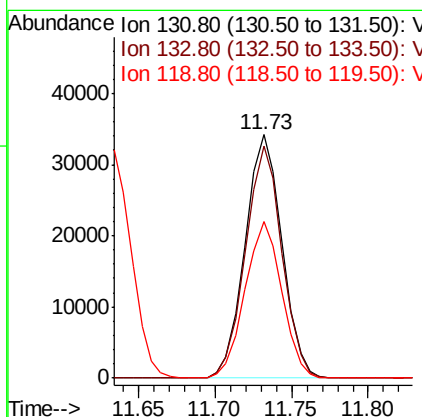
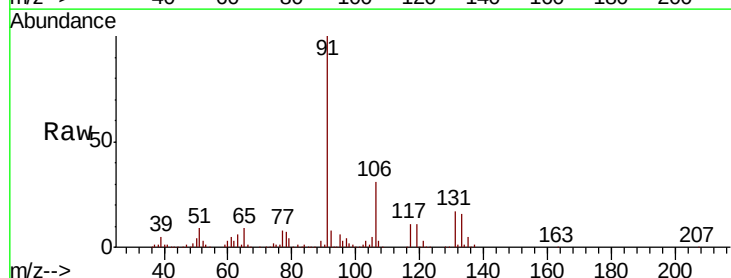
Instrument :
MSVOA_W
ClientSampled :

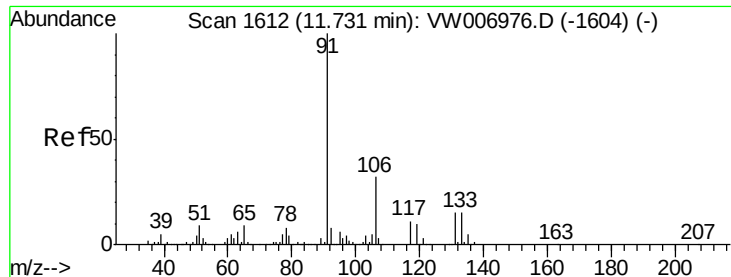
Tot Ion:112 Resp: 177335
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.644 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion:131 Resp: 57305
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 64.4 31.8 95.3

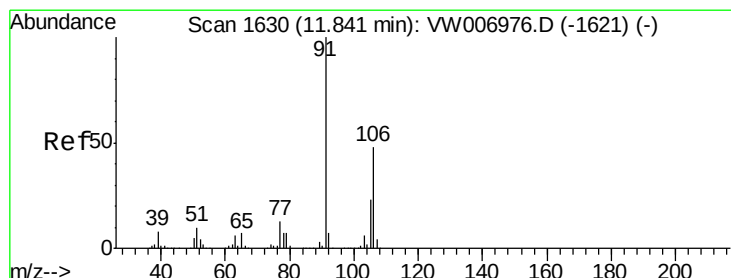
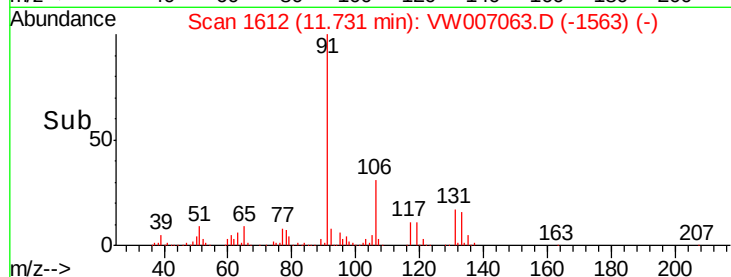
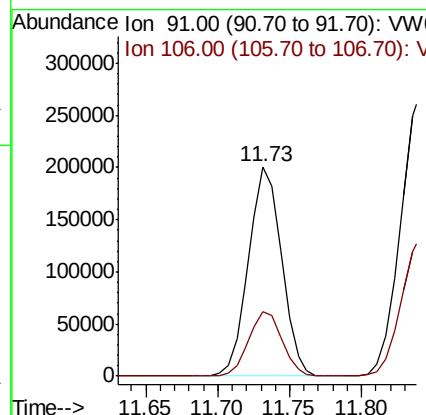
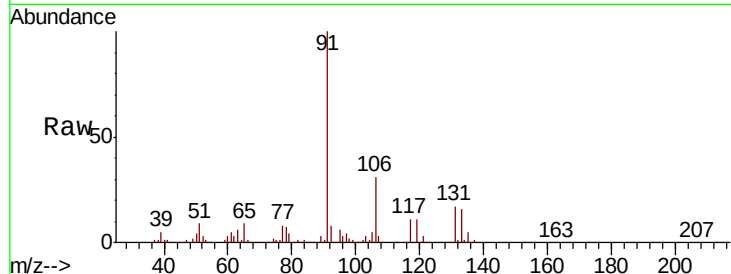




#67
Ethyl Benzene
Concen: 51.058 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

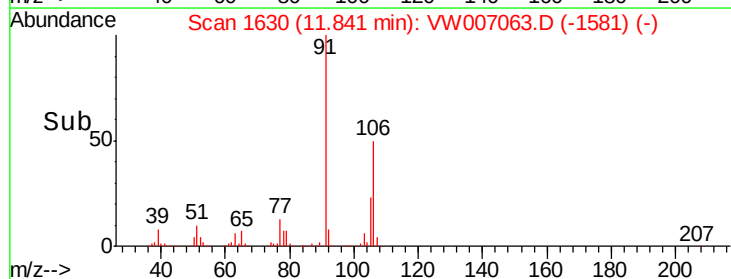
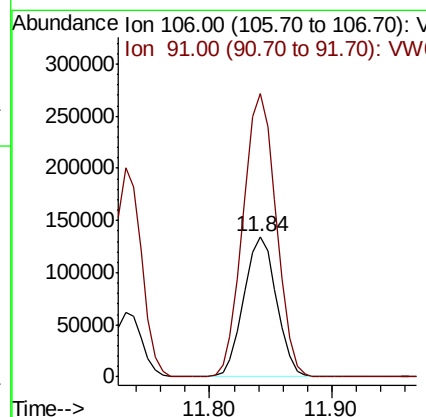
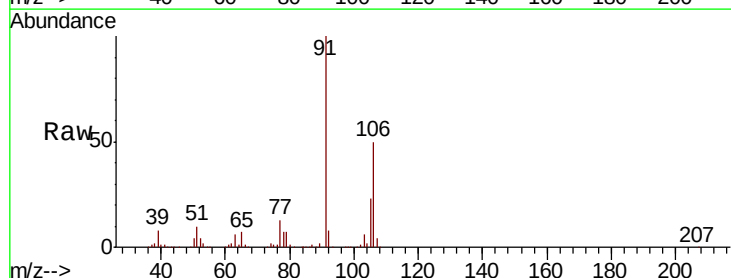
Instrument :
MSVOA_W
ClientSampled :

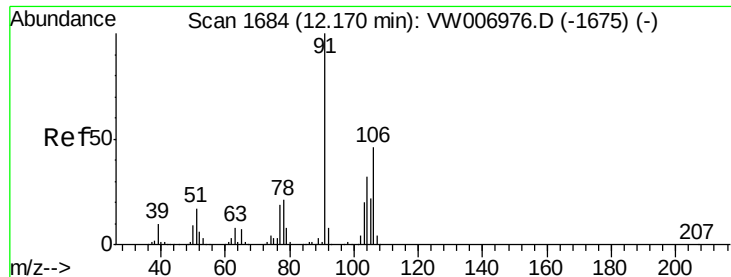
Tot Ion: 91 Resp: 319315
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2



#68
m/p-Xylenes
Concen: 101.818 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 106 Resp: 249825
Ion Ratio Lower Upper
106 100
91 204.5 164.8 247.2

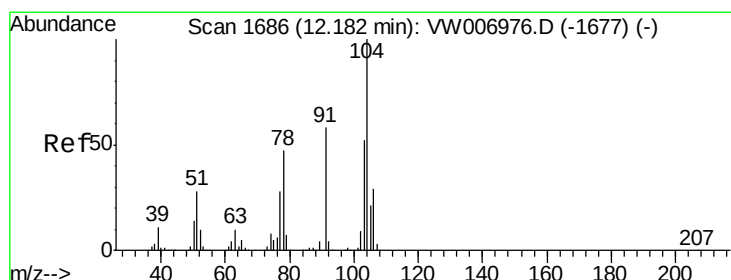
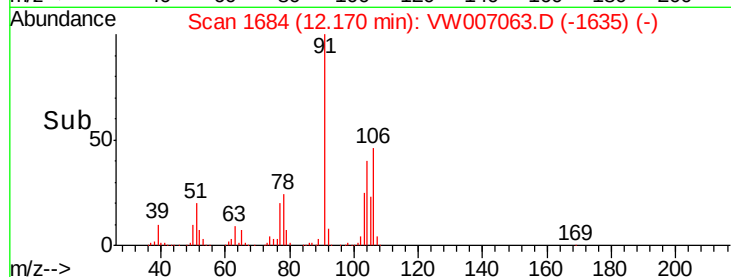
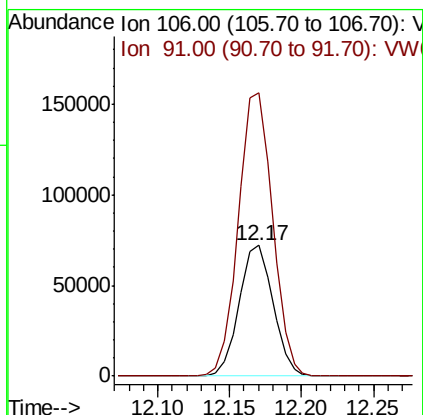
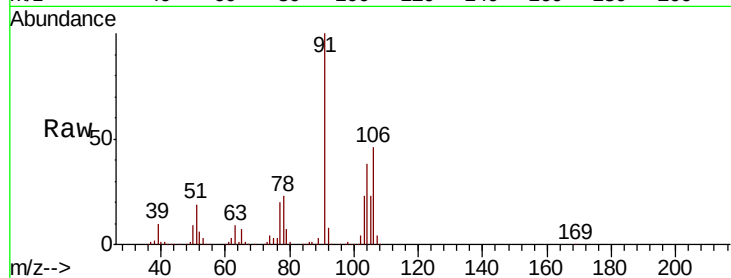




#69
o-Xylene
Concen: 51.132 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

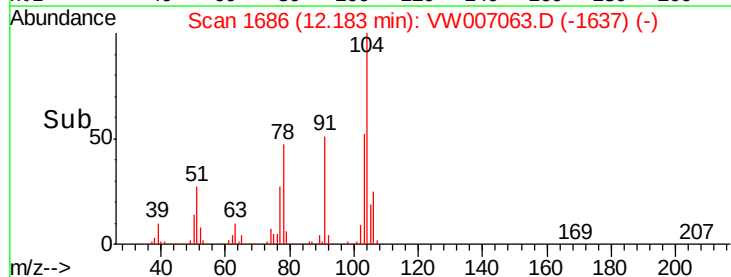
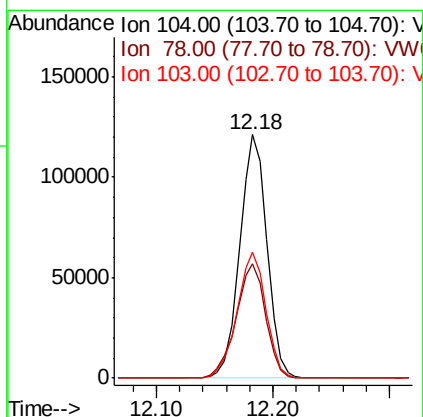
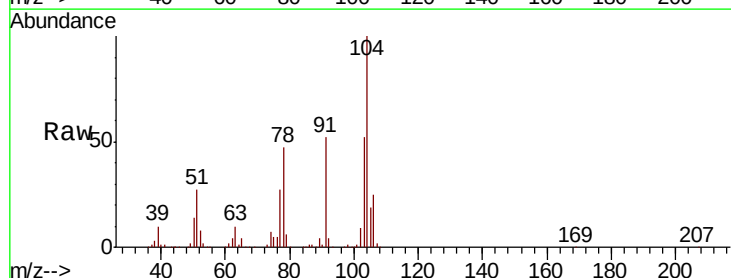
Instrument :
MSVOA_W
ClientSampled :

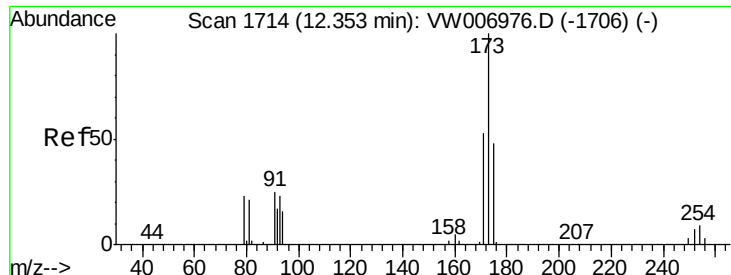
Tot Ion:106 Resp: 118298
Ion Ratio Lower Upper
106 100
91 218.1 107.9 323.8



#70
Styrene
Concen: 53.441 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion:104 Resp: 196782
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 55.0 44.4 66.6





#71

Bromoform

Concen: 62.239 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

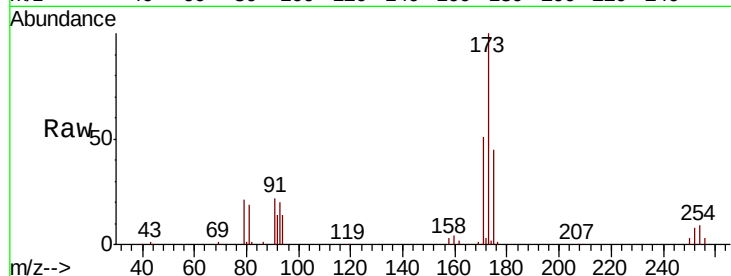
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:173 Resp: 30195

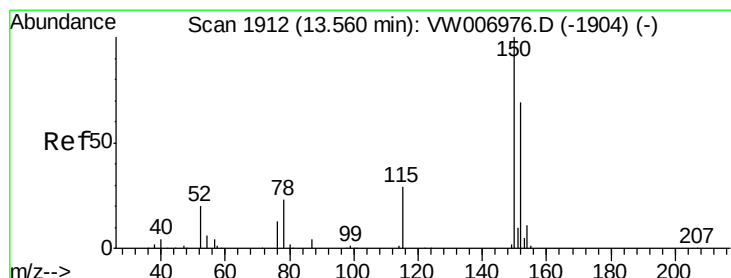
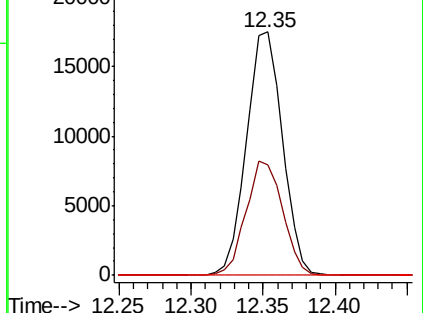
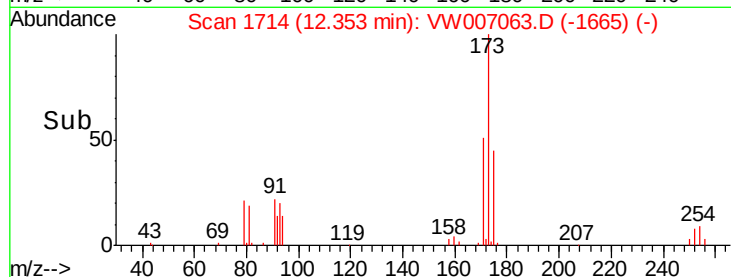
Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.0	72.0
254	0.0	0.0	0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

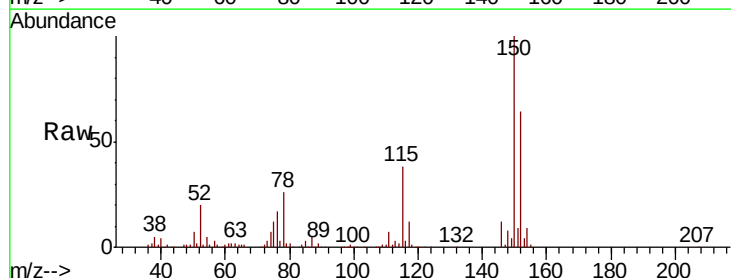
Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Tgt Ion:152 Resp: 82395

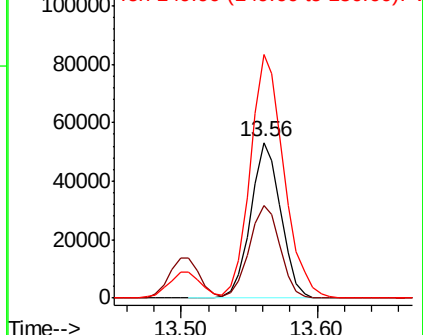
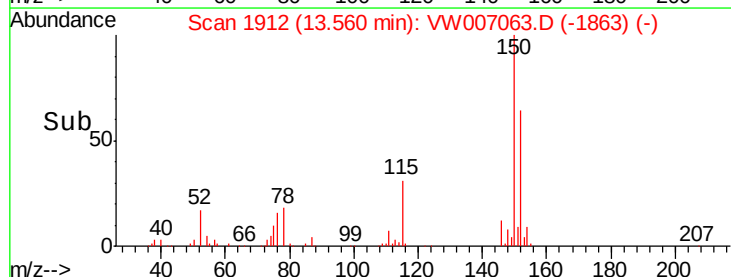
Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.4	94.2
150	174.2	0.0	353.4

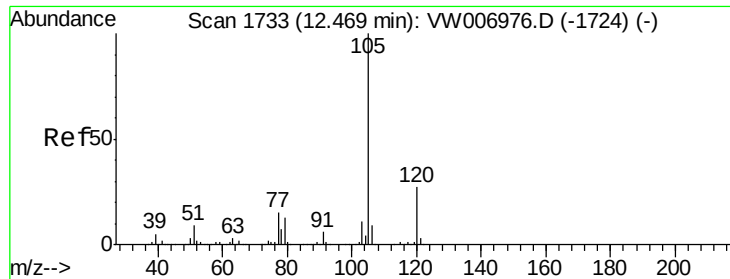


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.114 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

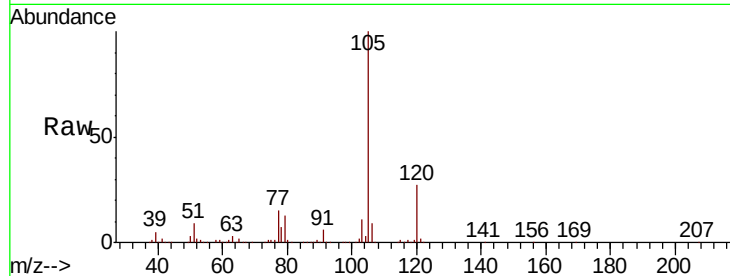
ClientSampleId :

Tot Ion:105 Resp: 320910

Ion Ratio Lower Upper

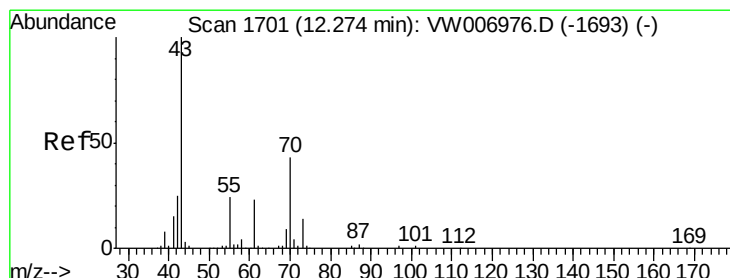
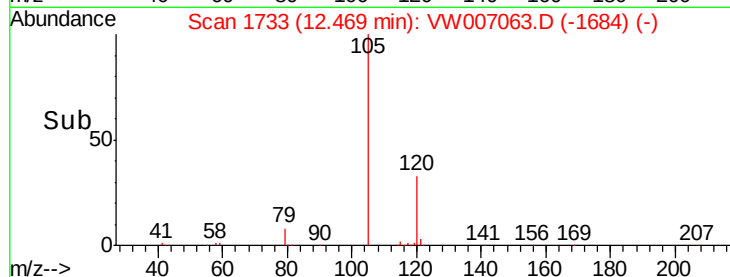
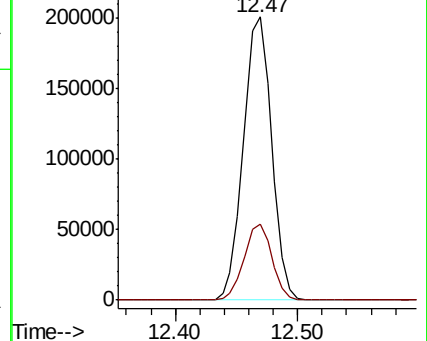
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 61.642 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Tgt Ion: 43 Resp: 66157

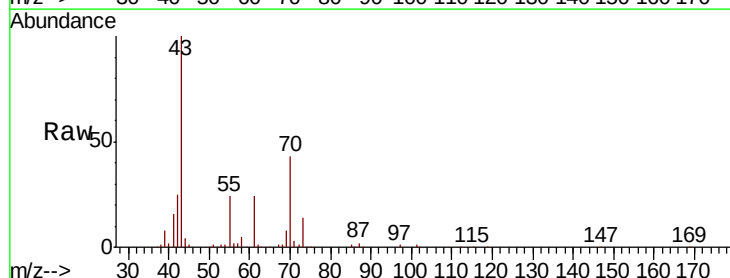
Ion Ratio Lower Upper

43 100

70 43.2 34.0 51.0

55 23.7 19.4 29.0

61 24.5 19.4 29.2

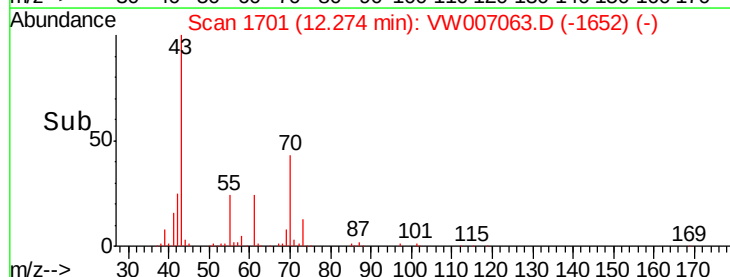
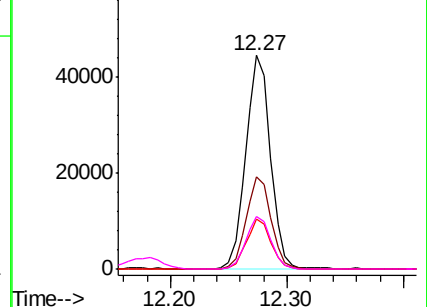


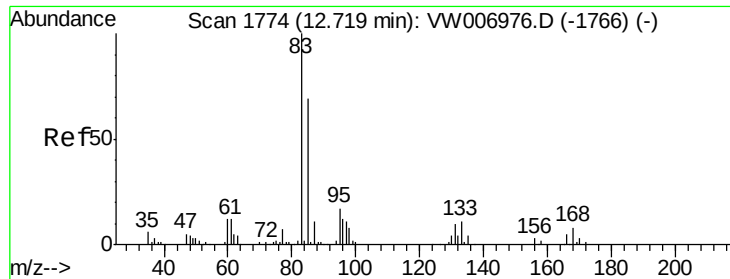
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 59.054 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

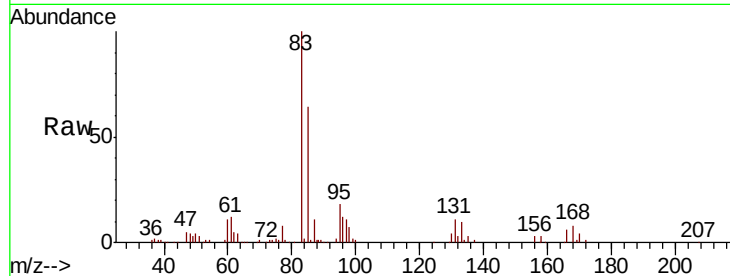
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 83 Resp: 50327

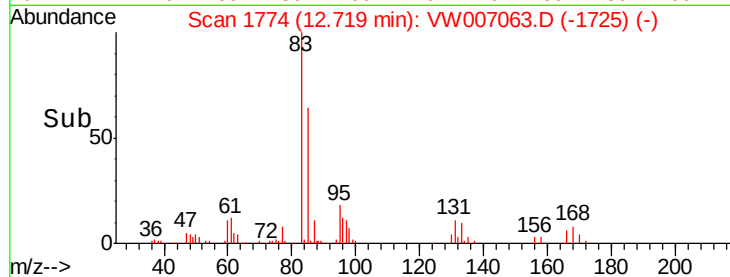
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.7	17.1
85	63.8	33.1	99.2



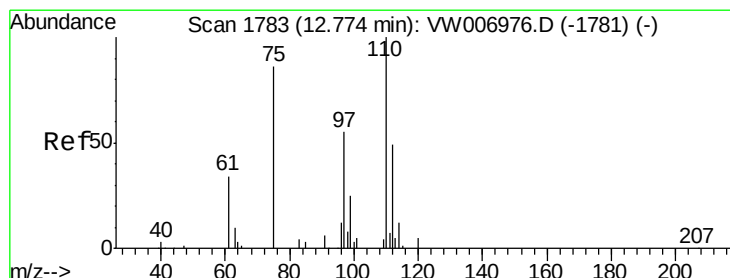
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



Time-->



#76

1,2,3-Trichloropropane

Concen: 103.655 ug/l

RT: 12.77 min Scan# 1782

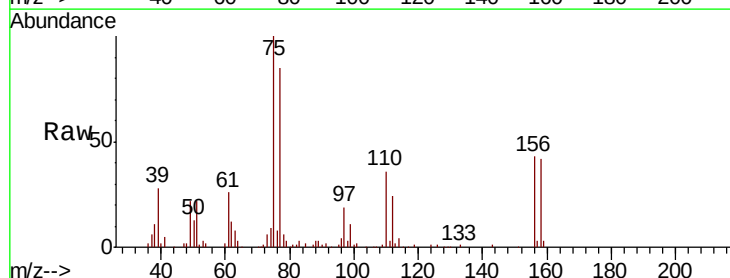
Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

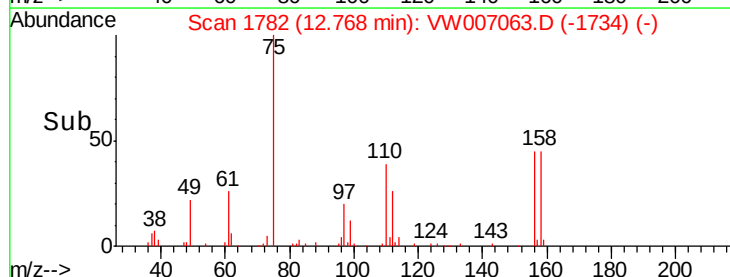
Tgt Ion: 75 Resp: 67112

Ion	Ratio	Lower	Upper
75	100		
77	200.1	0.0	0.0#

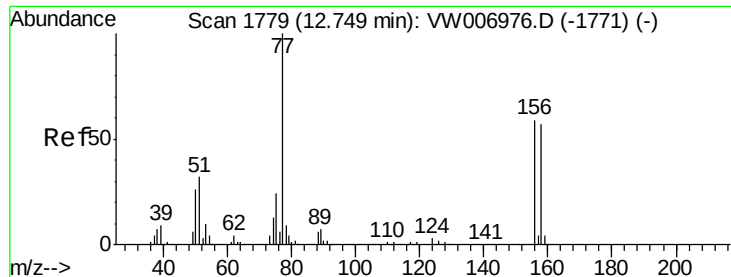


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#77

Bromobenzene

Concen: 52.622 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

ClientSampled :

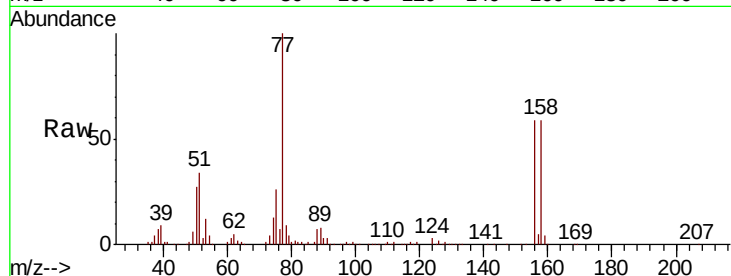
Tot Ion:156 Resp: 72375

Ion Ratio Lower Upper

156 100

77 185.6 94.6 283.8

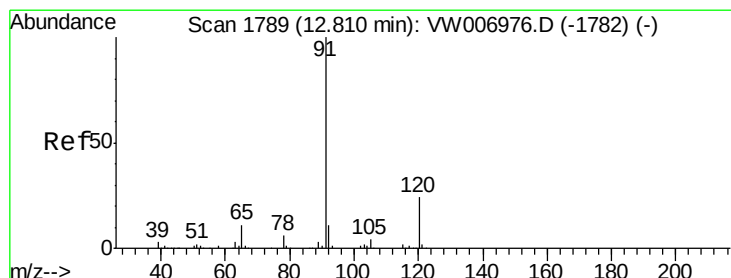
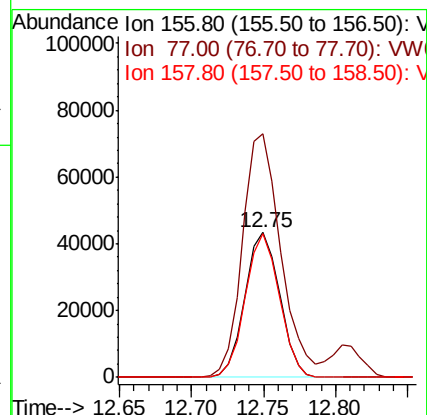
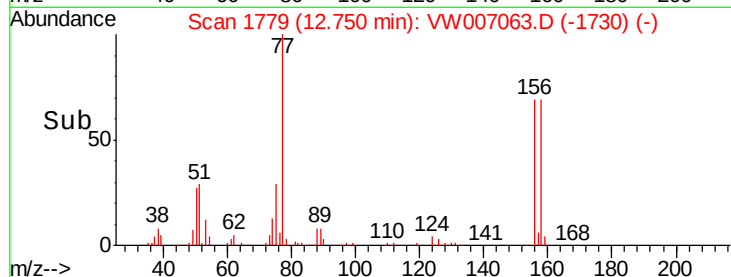
158 97.3 48.9 146.7



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: 49.280 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007063.D

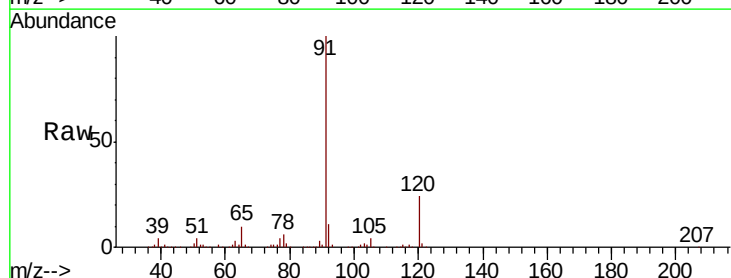
Acq: 26 Nov 2018 23:38

Tgt Ion: 91 Resp: 382250

Ion Ratio Lower Upper

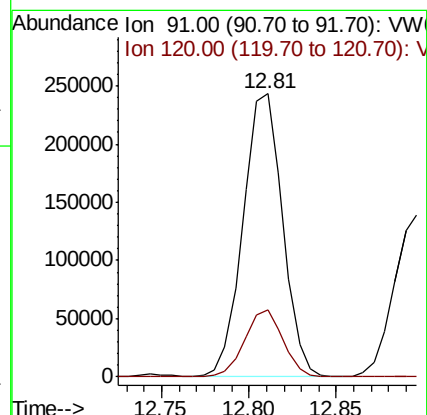
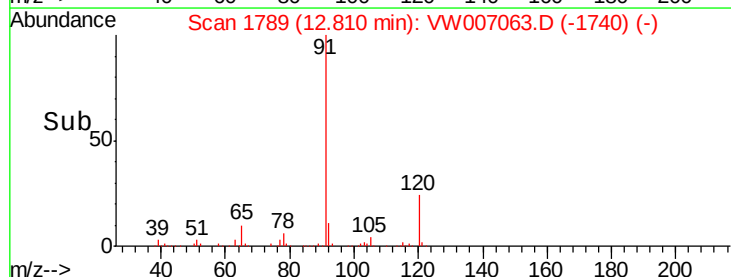
91 100

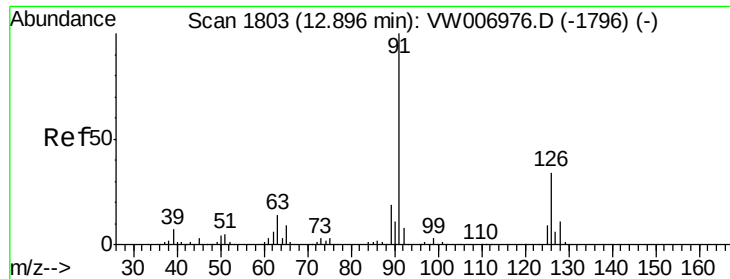
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

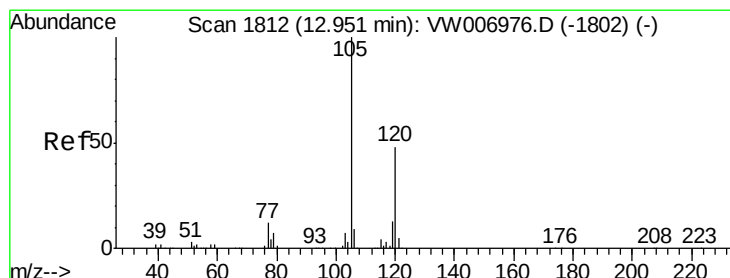
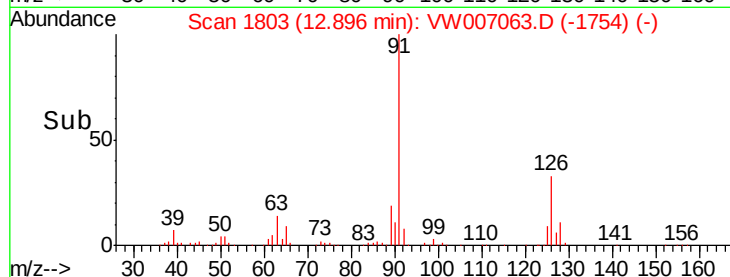
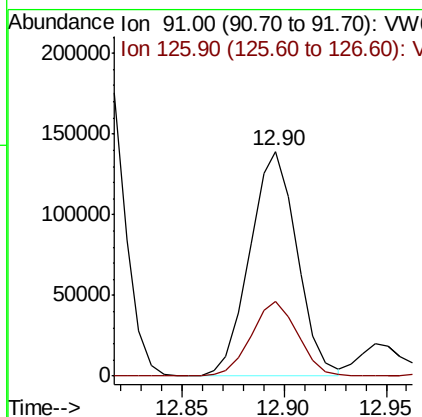
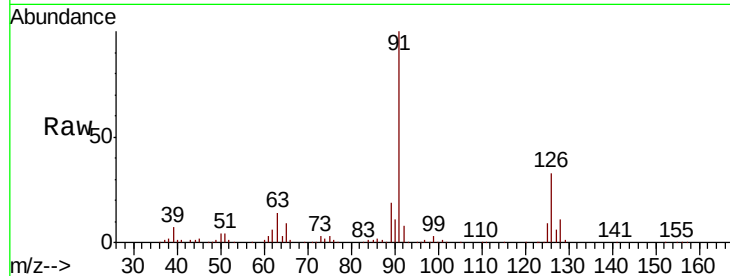




#79
2-Chlorotoluene
Concen: 50.145 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

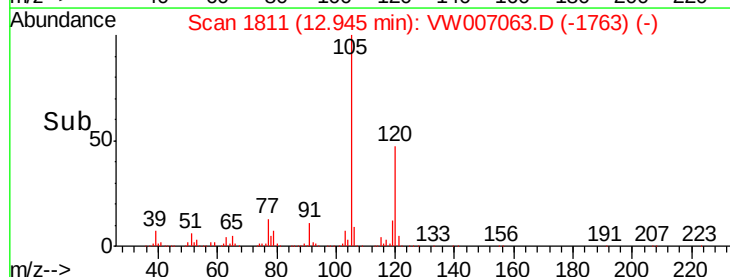
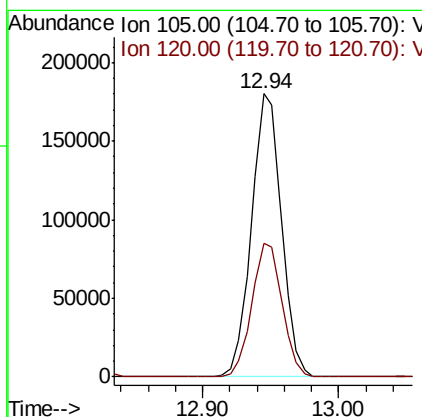
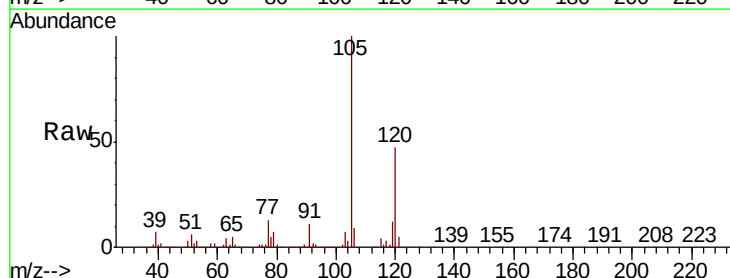
Instrument :
MSVOA_W
ClientSampleId :

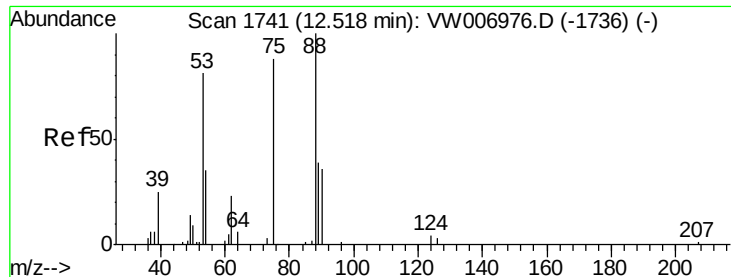
Tot Ion: 91 Resp: 224274
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 50.444 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion:105 Resp: 279338
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.2

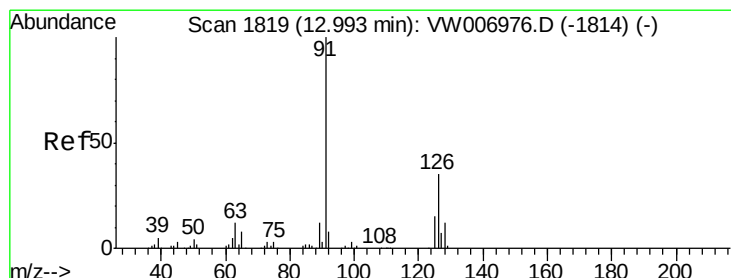
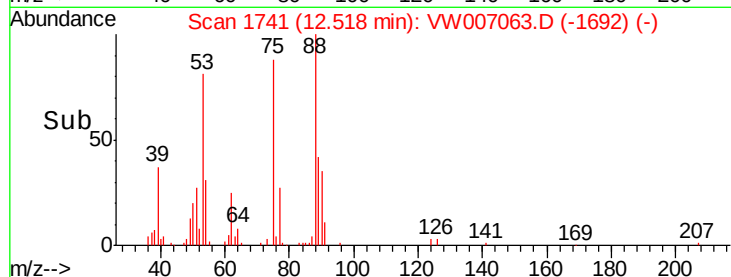
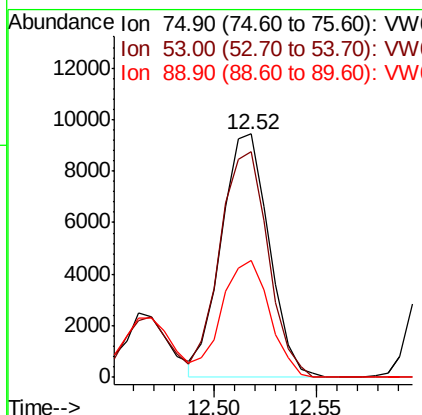
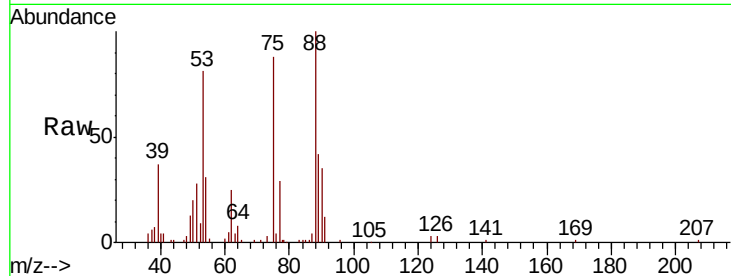




#81
trans-1,4-Dichloro-2-butene
Concen: 59.514 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

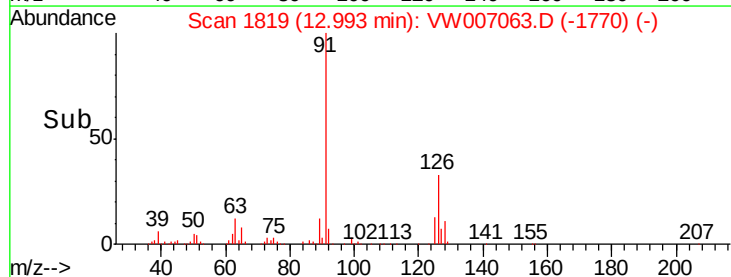
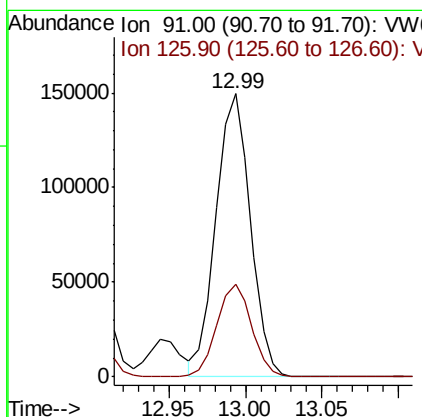
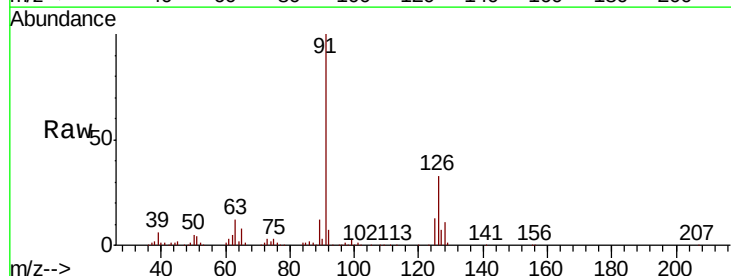
Instrument :
MSVOA_W
ClientSampled :

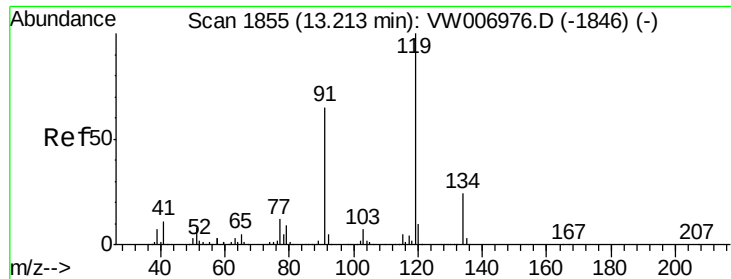
Tot Ion: 75 Resp: 15348
Ion Ratio Lower Upper
75 100
53 93.8 77.6 116.4
89 48.2 39.3 58.9



#82
4-Chlorotoluene
Concen: 49.861 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion: 91 Resp: 234020
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

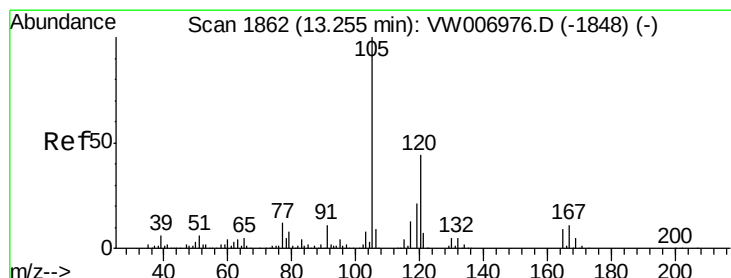
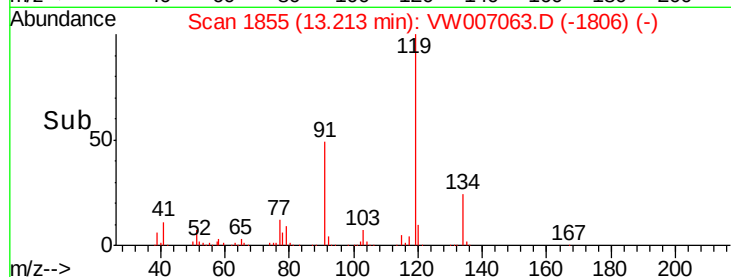
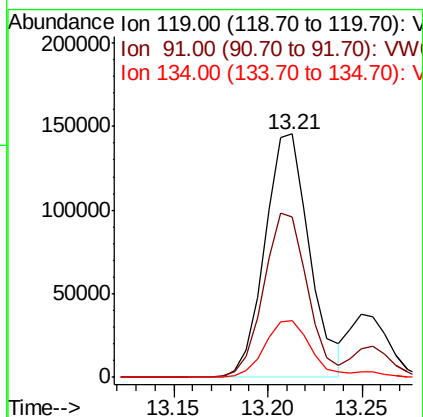
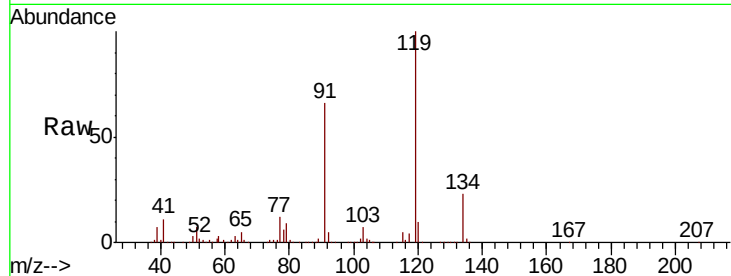




#83
 tert-Butylbenzene
 Concen: 49.974 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

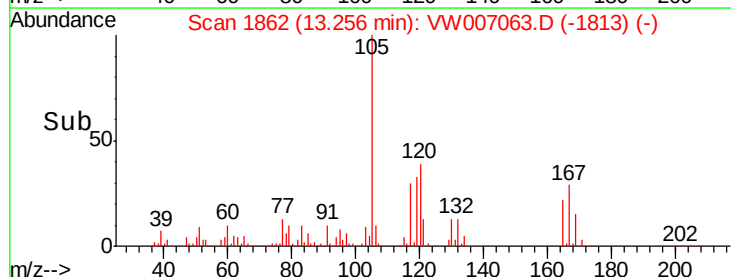
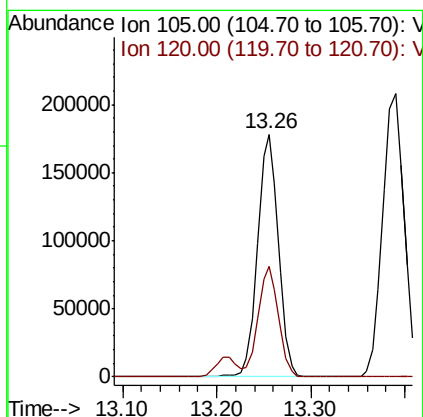
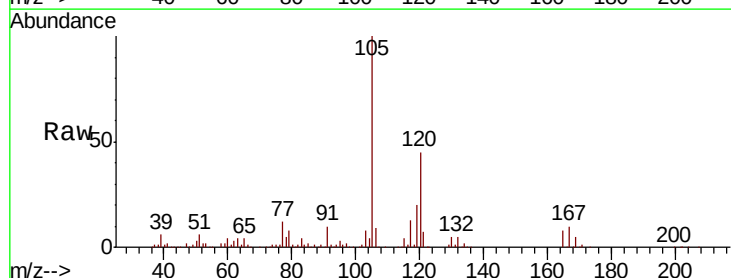
Instrument :
 MSVOA_W
 ClientSampleId :

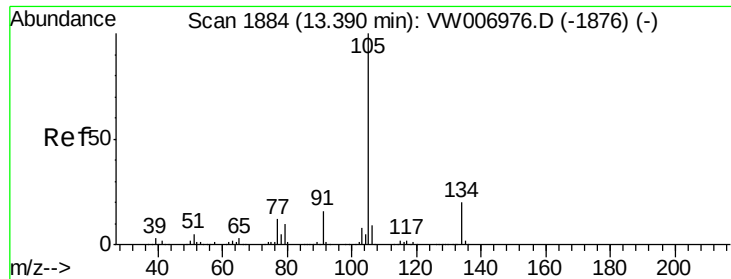
Tot Ion:119 Resp: 239588
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.5 100.5
 134 25.2 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.507 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion:105 Resp: 278655
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.8 65.3





#85

sec-Butylbenzene

Concen: 48.955 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

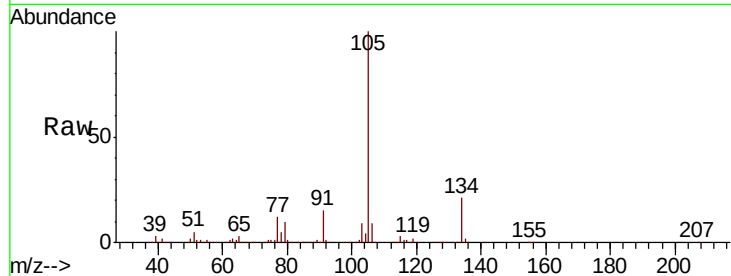
ClientSampleId :

Tot Ion:105 Resp: 331574

Ion Ratio Lower Upper

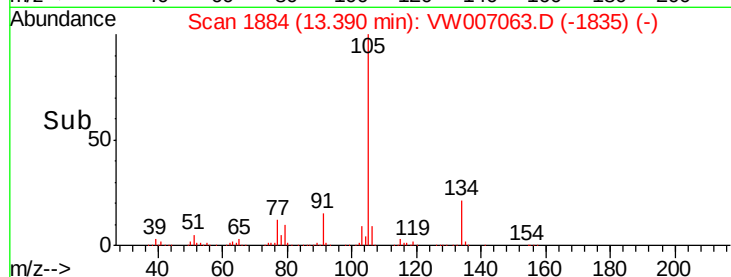
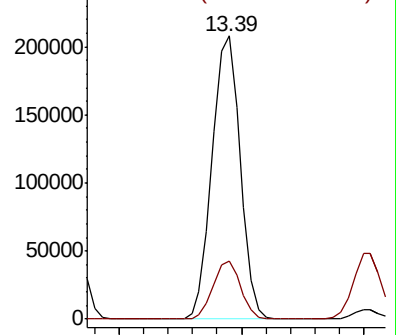
105 100

134 20.2 9.8 29.3

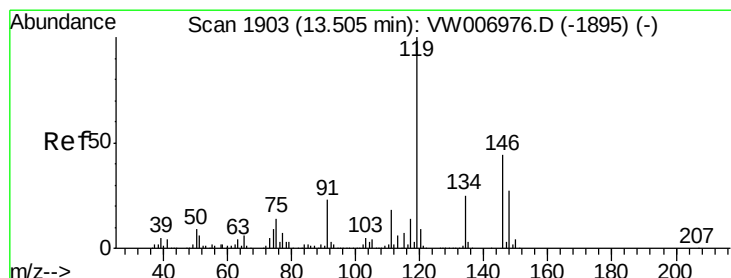


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 49.446 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

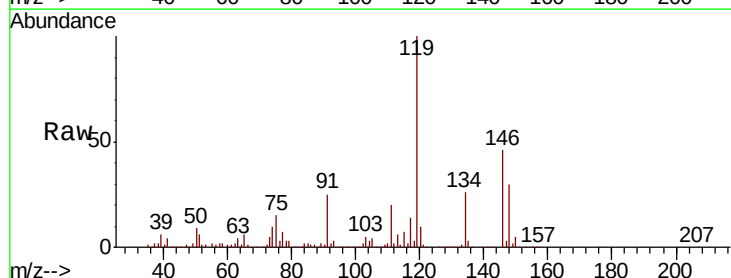
Tgt Ion:119 Resp: 295454

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

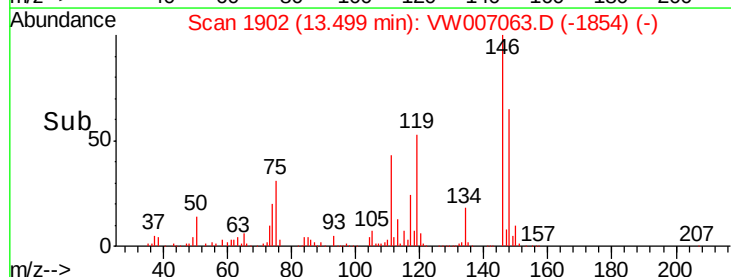
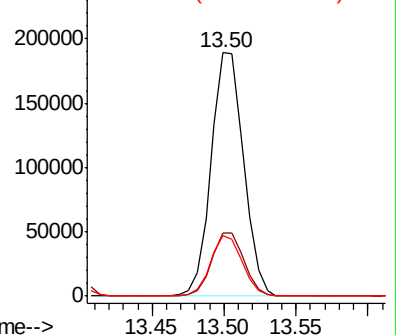
91 24.2 12.2 36.6



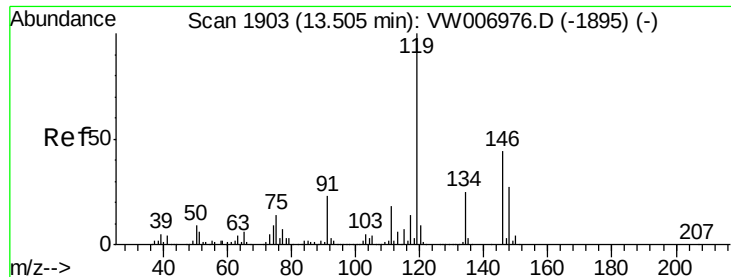
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->



#87

1,3-Dichlorobenzene

Concen: 50.874 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007063.D

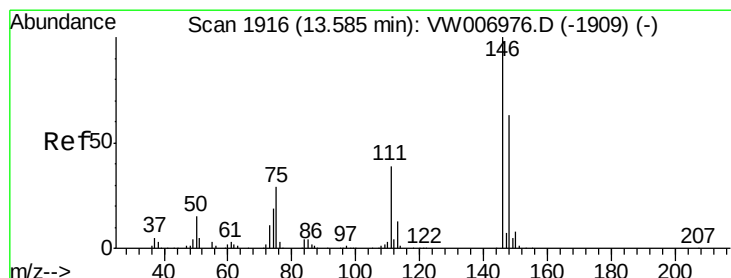
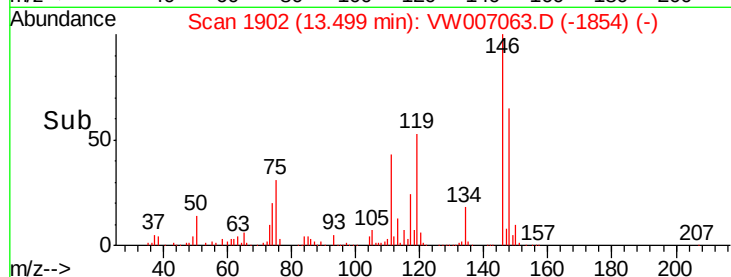
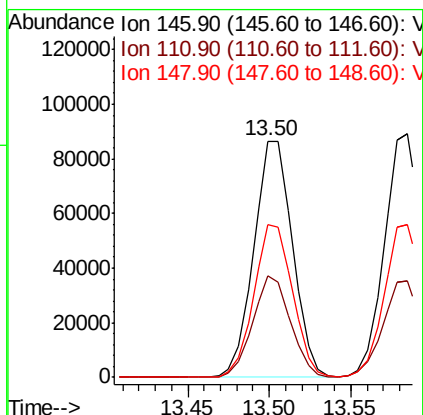
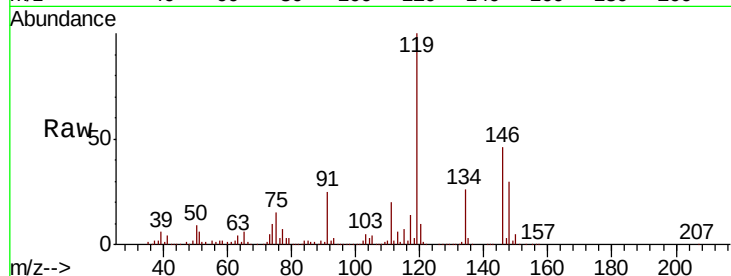
Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	146	Resp:	142847
Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.3
148	64.1	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 51.392 ug/l

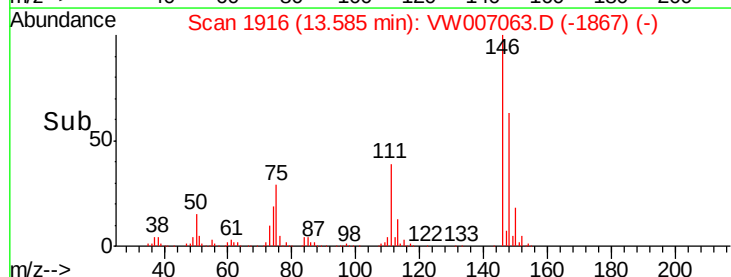
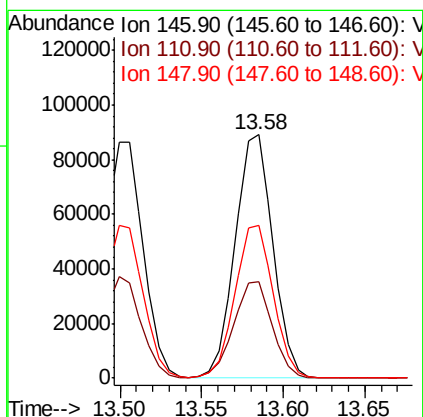
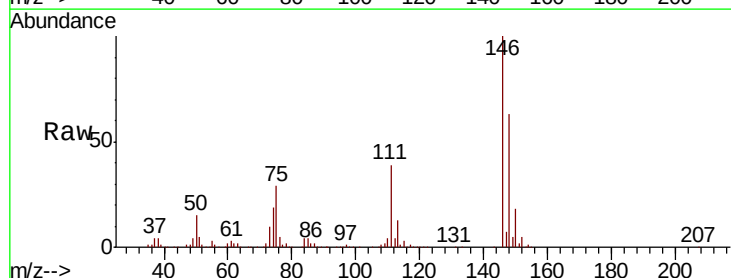
RT: 13.58 min Scan# 1916

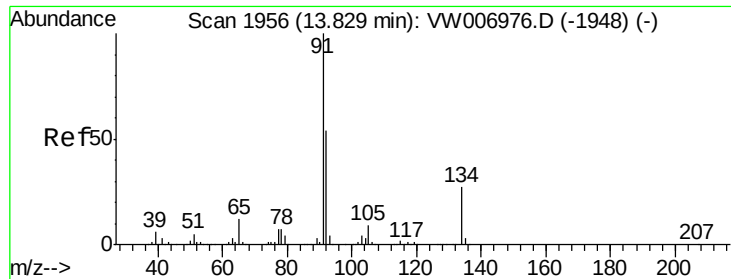
Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Tgt Ion:	146	Resp:	143876
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.6	32.3	96.8





#89

n-Butylbenzene

Concen: 49.051 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007063.D

Acq: 26 Nov 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

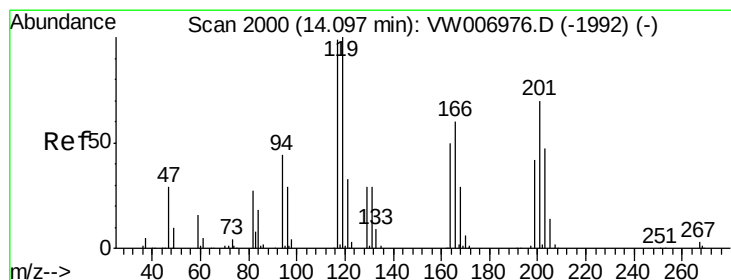
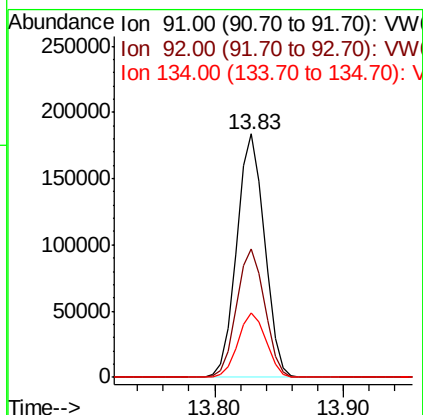
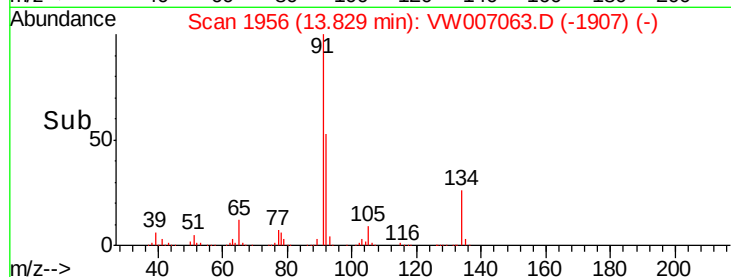
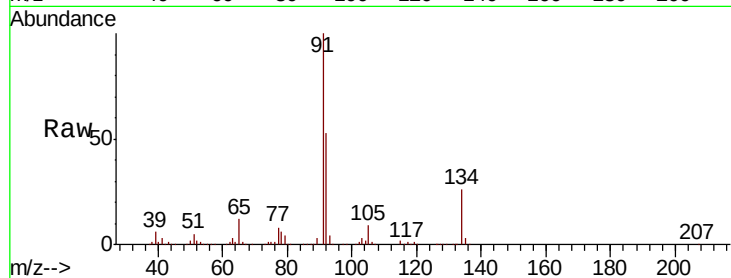
Tot Ion: 91 Resp: 275817

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 26.5 13.3 39.8



#90

Hexachloroethane

Concen: 52.206 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007063.D

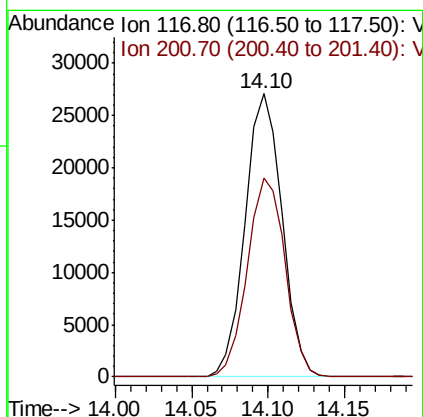
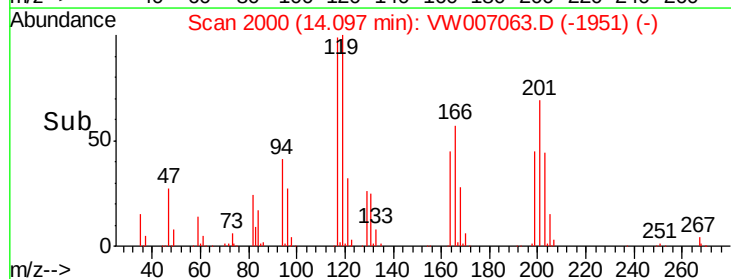
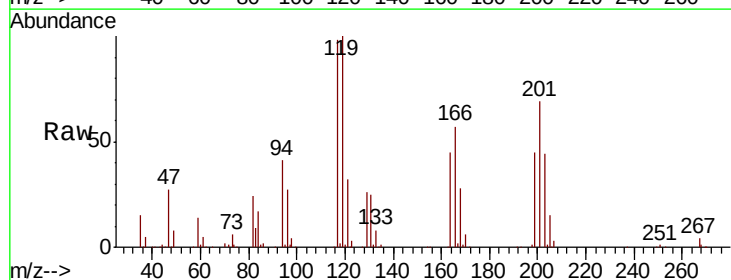
Acq: 26 Nov 2018 23:38

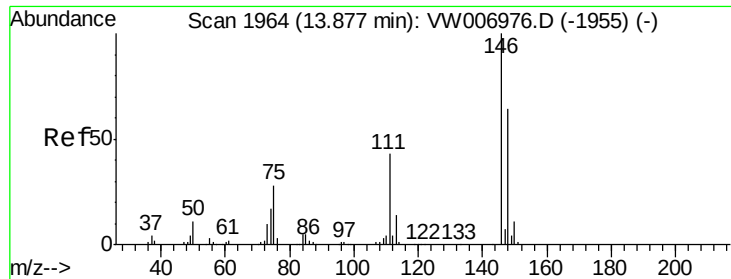
Tgt Ion: 117 Resp: 45543

Ion Ratio Lower Upper

117 100

201 71.9 35.9 107.5

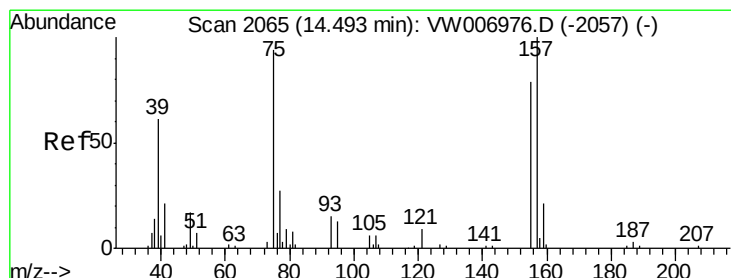
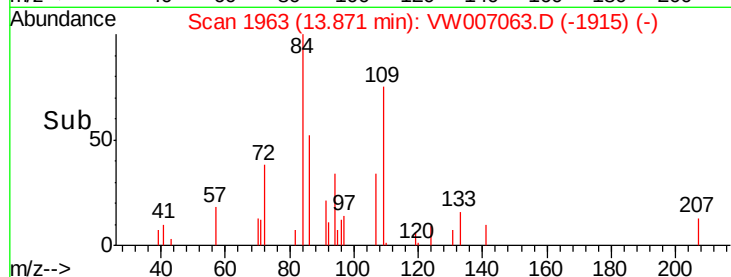
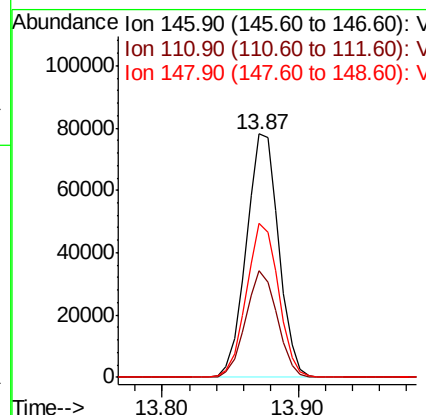
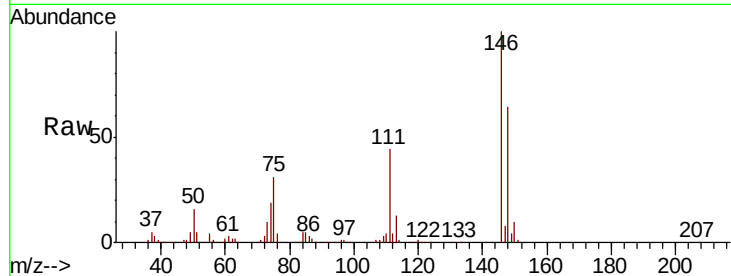




#91
 1,2-Dichlorobenzene
 Concen: 52.954 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

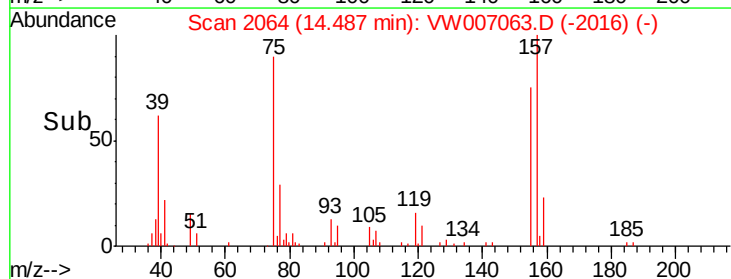
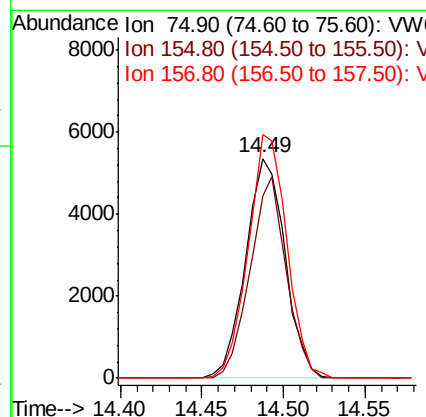
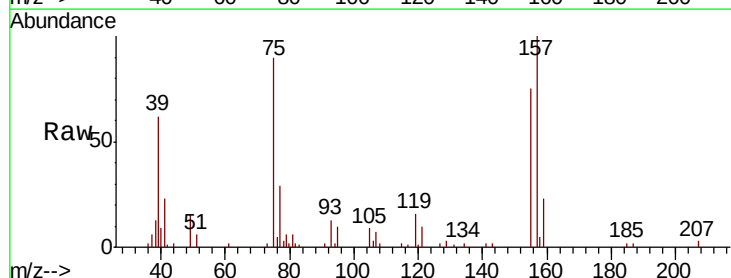
Instrument :
 MSVOA_W
 ClientSampled :

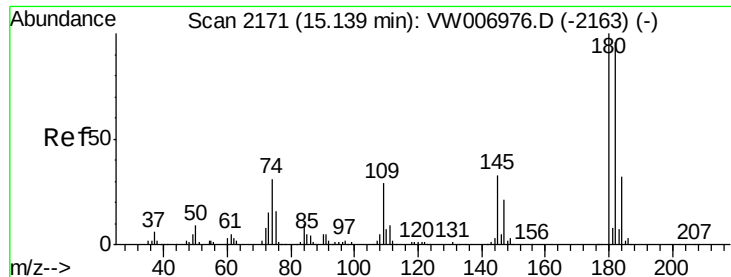
Tot Ion:146 Resp: 130285
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.9 65.7
 148 62.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.800 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion: 75 Resp: 9039
 Ion Ratio Lower Upper
 75 100
 155 83.6 42.6 127.8
 157 108.6 55.0 165.0

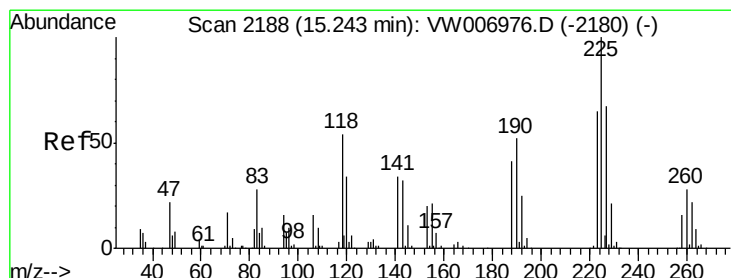
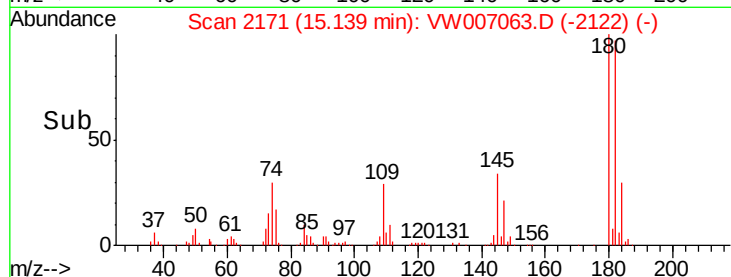
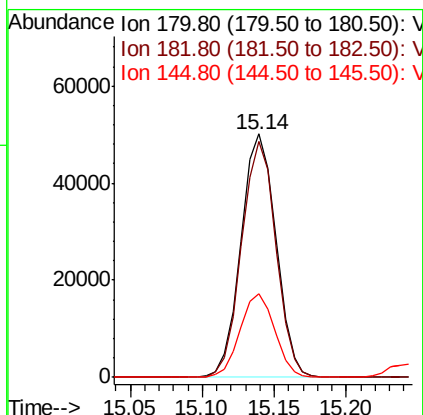
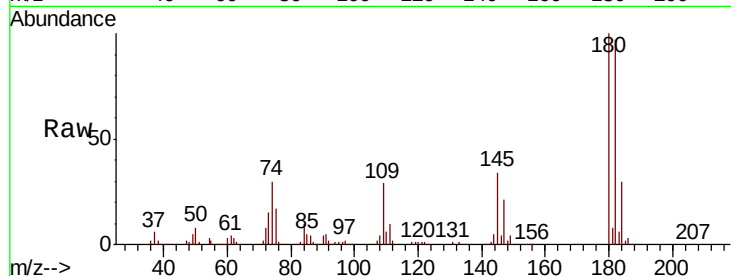




#93
 1,2,4-Trichlorobenzene
 Concen: 51.962 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

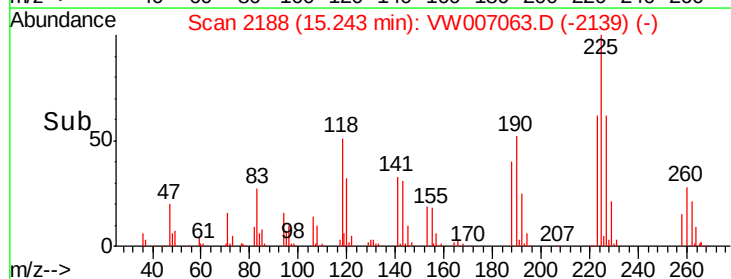
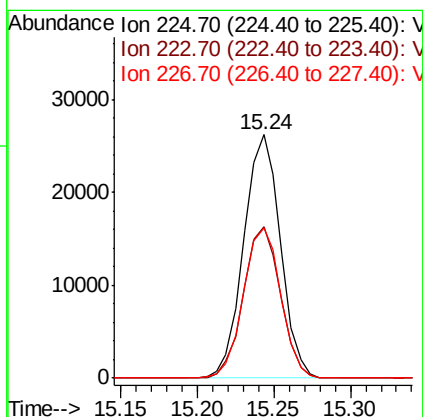
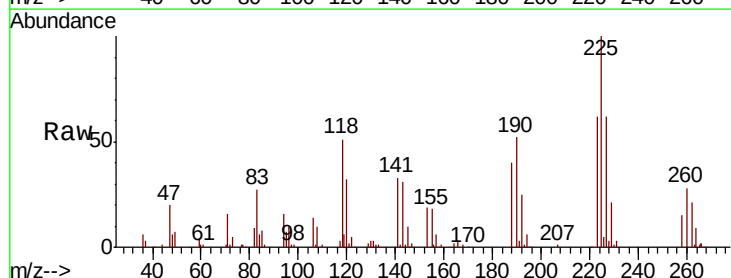
Instrument :
 MSVOA_W
 ClientSampleId :

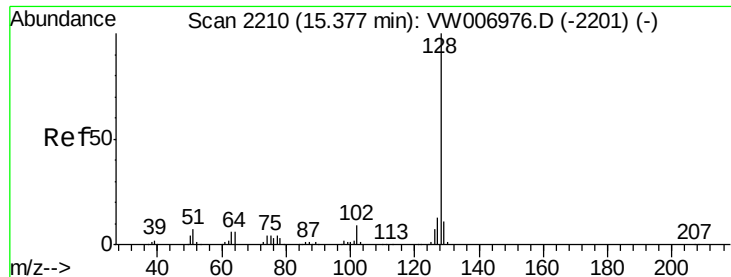
Tot Ion:180 Resp: 84303
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.1 141.3
 145 34.1 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 49.488 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007063.D
 Acq: 26 Nov 2018 23:38

Tgt Ion:225 Resp: 43648
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.4 97.0
 227 62.8 31.9 95.5

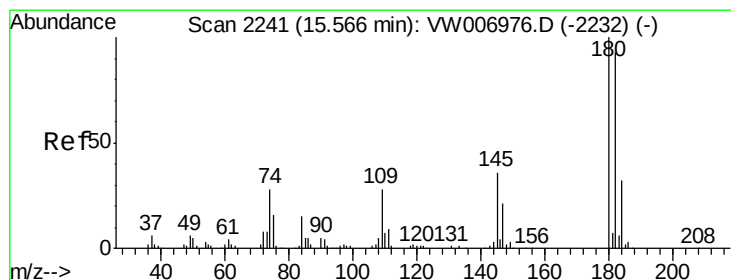
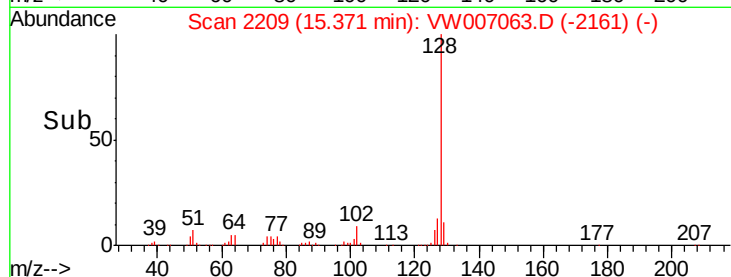
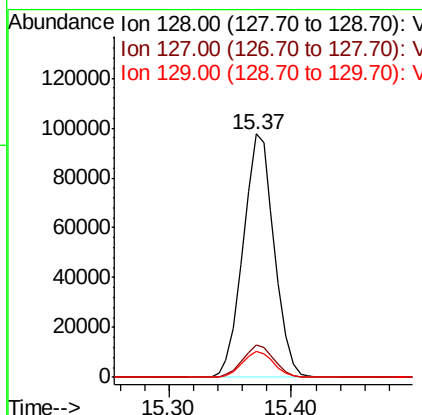
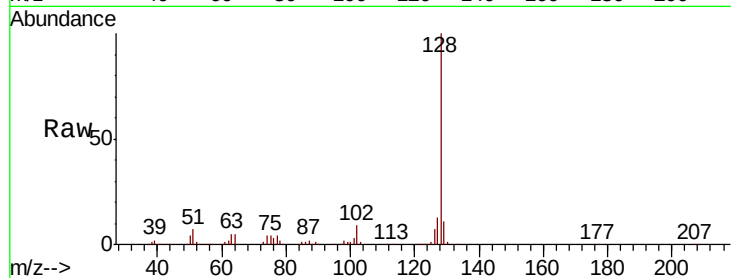




#95
Naphthalene
Concen: 58.404 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 172000
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.117 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007063.D
Acq: 26 Nov 2018 23:38

Tgt Ion:180 Resp: 71495
Ion Ratio Lower Upper
180 100
182 96.5 47.0 141.2
145 36.0 18.0 54.0

