

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005631.D
 Acq On : 26 Sep 2018 02:03
 Operator : VA/AP
 Sample : VW0925SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

Quant Time: Sep 26 05:52:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132348	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.89	113	109549	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	10.33	98	460810	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.62	95	172422	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26716	18.726	ug/l	97
3) Chloromethane	2.21	50	30021	17.458	ug/l	97
4) Vinyl Chloride	2.37	62	44459	21.629	ug/l	98
5) Bromomethane	2.79	94	26707	19.226	ug/l	99
6) Chloroethane	2.92	64	25965	19.686	ug/l	93
7) Trichlorofluoromethane	3.26	101	27978	17.403	ug/l	95
8) Diethyl Ether	3.68	74	22189	21.129	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42724	20.994	ug/l	97
10) Methyl Iodide	4.27	142	63496	20.288	ug/l	99
11) Tert butyl alcohol	5.22	59	16463	125.337	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	40249	20.658	ug/l	97
13) Acrolein	3.90	56	11205	118.413	ug/l	96
14) Allyl chloride	4.67	41	68589	20.172	ug/l	99
15) Acrylonitrile	5.38	53	53633	115.024	ug/l	100
16) Acetone	4.14	43	47579	114.995	ug/l	94
17) Carbon Disulfide	4.37	76	120019	19.716	ug/l	99
18) Methyl Acetate	4.68	43	25754	21.561	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	64062	21.303	ug/l	94
20) Methylene Chloride	4.92	84	52207	22.354	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	43107	20.200	ug/l	90
22) Diisopropyl ether	6.31	45	141747	21.475	ug/l	95
23) Vinyl Acetate	6.26	43	425129	112.685	ug/l	98
24) 1,1-Dichloroethane	6.21	63	83301	20.426	ug/l	99
25) 2-Butanone	7.18	43	67460	110.212	ug/l	98
26) 2,2-Dichloropropane	7.17	77	51641	18.138	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48737	20.707	ug/l	99
28) Bromochloromethane	7.52	49	32157	19.907	ug/l	96
29) Tetrahydrofuran	7.54	42	47312	123.725	ug/l	99
30) Chloroform	7.68	83	89417	21.238	ug/l	92
31) Cyclohexane	7.96	56	78512	20.095	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	75310	20.248	ug/l	100
36) 1,1-Dichloropropene	8.09	75	67944	20.614	ug/l	99
37) Ethyl Acetate	7.26	43	33620	24.239	ug/l	99
38) Carbon Tetrachloride	8.07	117	71708	20.303	ug/l	94

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 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
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 VW0925SBS02

Quant Time: Sep 26 05:52:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80800	20.778	ug/l	97
40) Benzene	8.33	78	191992	20.559	ug/l	98
41) Methacrylonitrile	7.49	41	17392	22.035	ug/l	92
42) 1,2-Dichloroethane	8.40	62	63404	21.206	ug/l	98
43) Isopropyl Acetate	8.43	43	62012	22.739	ug/l	99
44) Trichloroethene	9.10	130	49658	20.774	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48622	21.163	ug/l	96
46) Dibromomethane	9.46	93	25151	21.909	ug/l	97
47) Bromodichloromethane	9.65	83	63643	20.638	ug/l	98
48) Methyl methacrylate	9.44	41	30234	23.342	ug/l	96
49) 1,4-Dioxane	9.48	88	9044	495.535	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	177146	128.973	ug/l	97
52) Toluene	10.39	92	129310	22.192	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68008	21.999	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	75461	21.786	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	39286	24.109	ug/l	98
56) Ethyl methacrylate	10.65	69	49154	24.436	ug/l	97
57) 1,3-Dichloropropane	10.94	76	67690	23.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	107086	117.439	ug/l	97
59) 2-Hexanone	10.98	43	118861	127.388	ug/l	98
60) Dibromochloromethane	11.13	129	45160	22.937	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35927	23.647	ug/l	96
64) Tetrachloroethene	10.87	164	48229	21.260	ug/l	96
65) Chlorobenzene	11.66	112	141228	20.814	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	49988	20.469	ug/l	98
67) Ethyl Benzene	11.74	91	248147	20.603	ug/l	100
68) m/p-Xylenes	11.84	106	186745	41.040	ug/l	98
69) o-Xylene	12.17	106	87639	20.565	ug/l	99
70) Styrene	12.19	104	149165	20.799	ug/l	99
71) Bromoform	12.35	173	29911	23.074	ug/l #	97
73) Isopropylbenzene	12.47	105	252009	21.168	ug/l	99
74) N-amyl acetate	12.28	43	63707	23.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47170	23.854	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	63042	43.079	ug/l #	100
77) Bromobenzene	12.76	156	59210	21.220	ug/l	99
78) n-propylbenzene	12.81	91	305822	21.218	ug/l	100
79) 2-Chlorotoluene	12.90	91	174548	20.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	211407	20.422	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	14550	22.394	ug/l	97
82) 4-Chlorotoluene	12.99	91	185774	21.085	ug/l	100
83) tert-Butylbenzene	13.21	119	181990	20.926	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	223696	21.413	ug/l	100
85) sec-Butylbenzene	13.39	105	259179	20.548	ug/l	99
86) p-Isopropyltoluene	13.51	119	238702	21.113	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	120610	21.139	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115177	20.297	ug/l	98
89) n-Butylbenzene	13.83	91	220712	20.697	ug/l	100
90) Hexachloroethane	14.10	117	42165	20.577	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	109094	21.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8798	23.352	ug/l	97

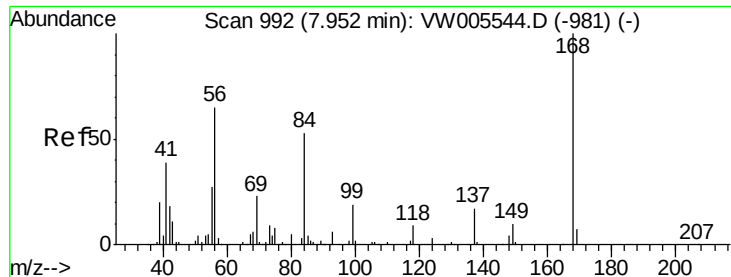
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
Data File : VW005631.D
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ClientSampleId :
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Quant Time: Sep 26 05:52:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77188	21.483	ug/l	98
94) Hexachlorobutadiene	15.24	225	48457	20.818	ug/l	99
95) Naphthalene	15.38	128	146506	24.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71422	22.556	ug/l	99

(#) = 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: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

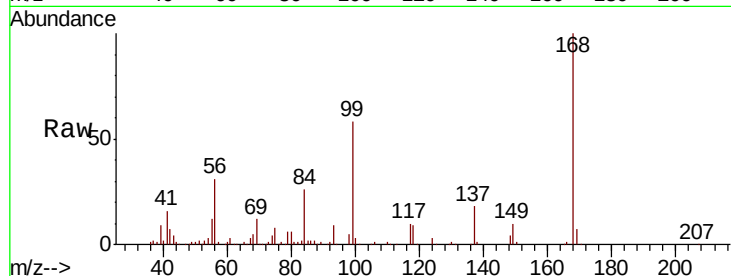
VW0925SBSD02

Tgt Ion:168 Resp: 213924

Ion Ratio Lower Upper

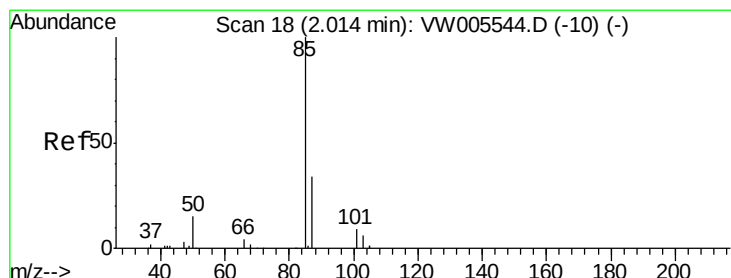
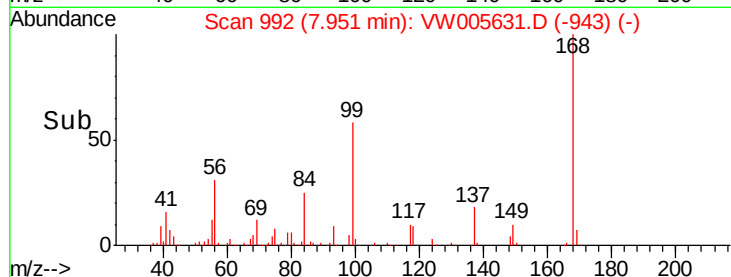
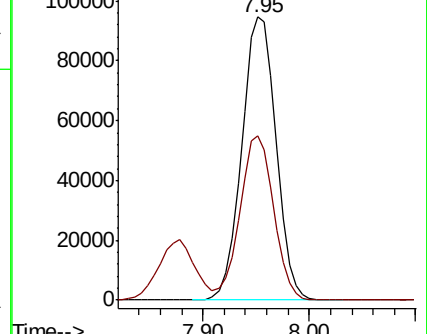
168 100

99 58.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.726 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005631.D

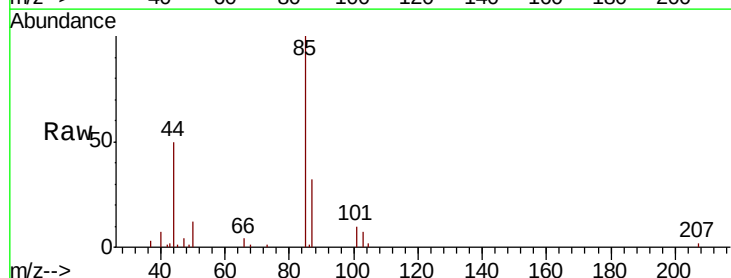
Acq: 26 Sep 2018 02:03

Tgt Ion: 85 Resp: 26716

Ion Ratio Lower Upper

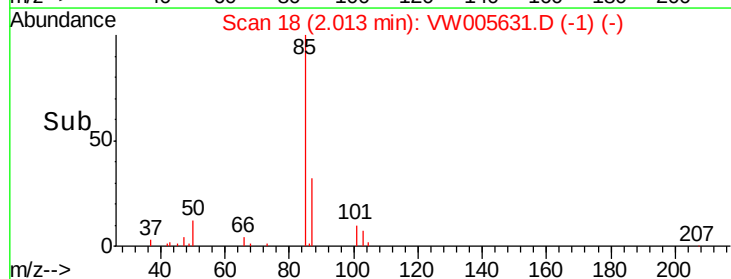
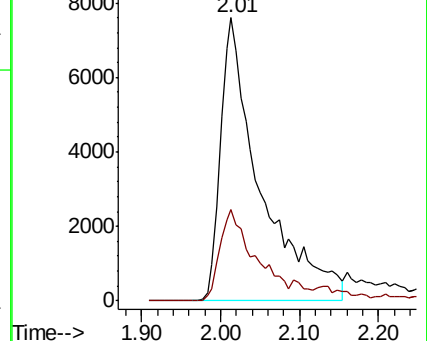
85 100

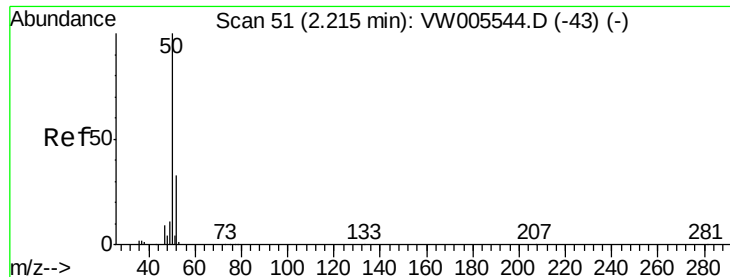
87 32.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.458 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

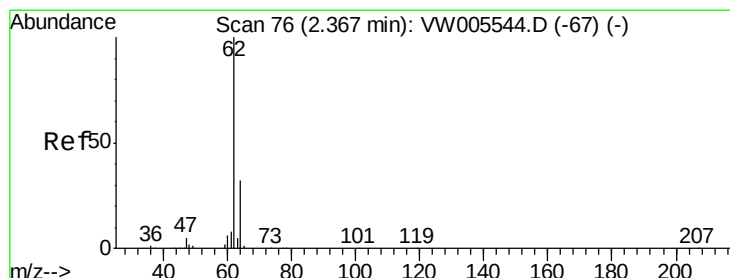
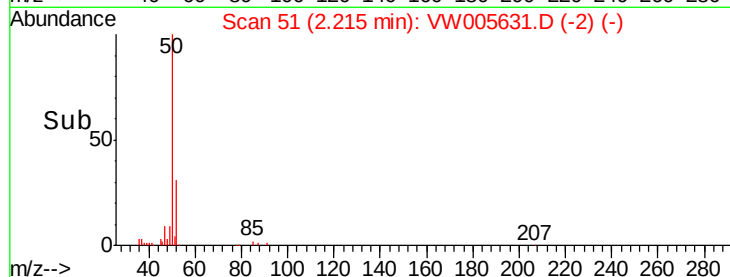
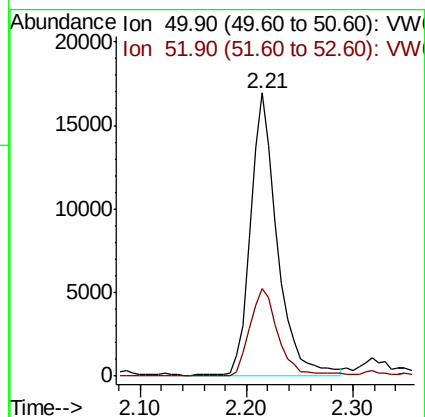
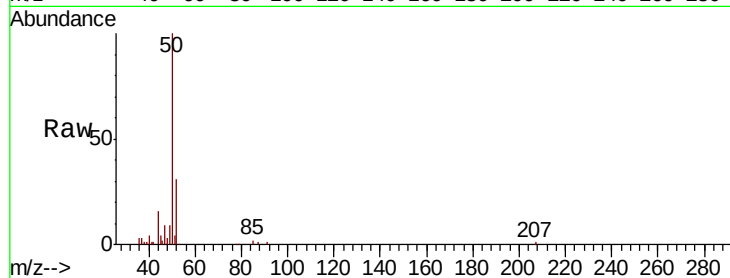
VW0925SBSD02

Tgt Ion: 50 Resp: 30021

Ion Ratio Lower Upper

50 100

52 31.1 26.2 39.4



#4

Vinyl Chloride

Concen: 21.629 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005631.D

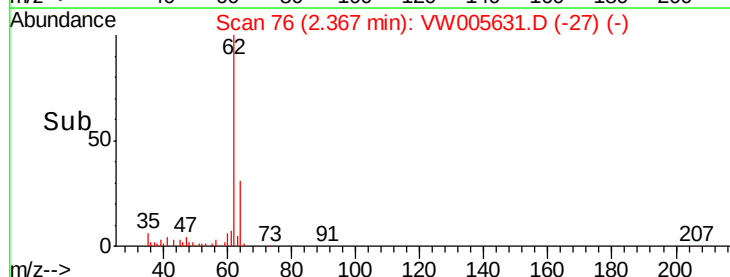
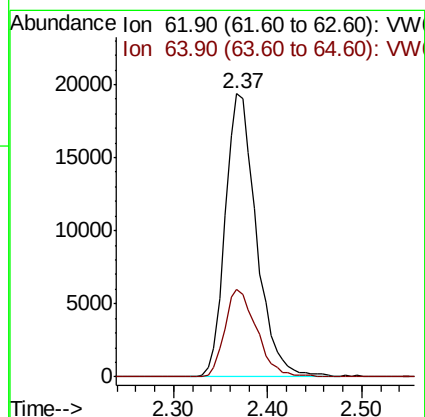
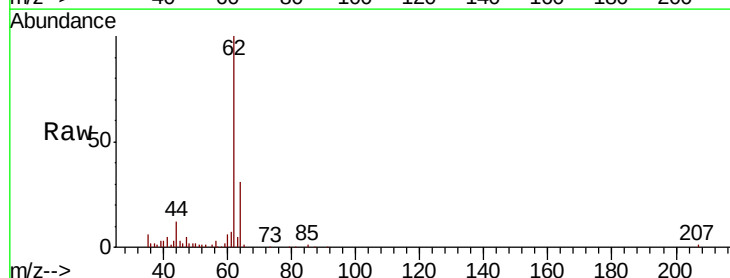
Acq: 26 Sep 2018 02:03

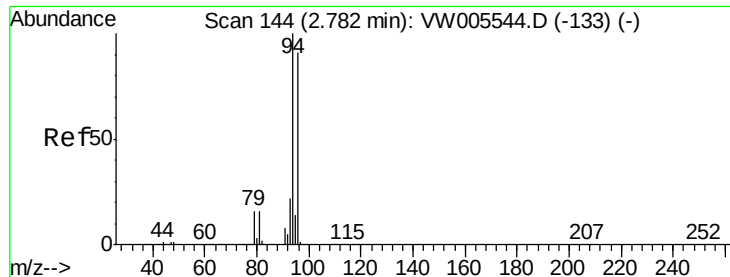
Tgt Ion: 62 Resp: 44459

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 19.226 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

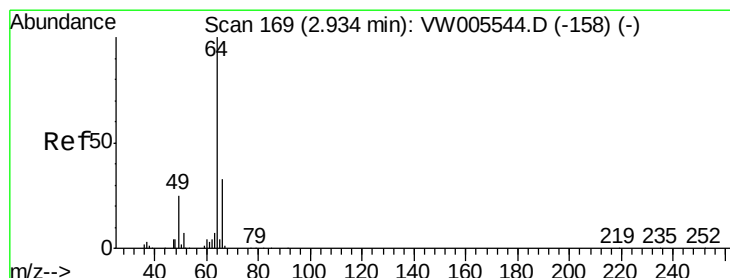
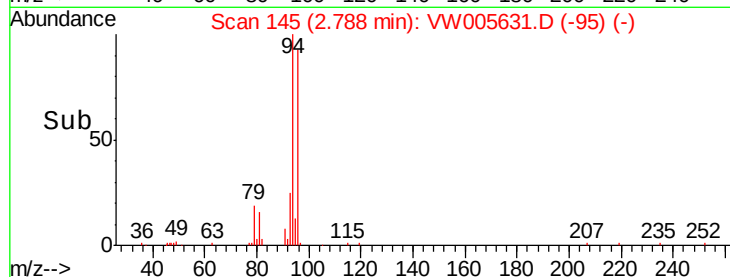
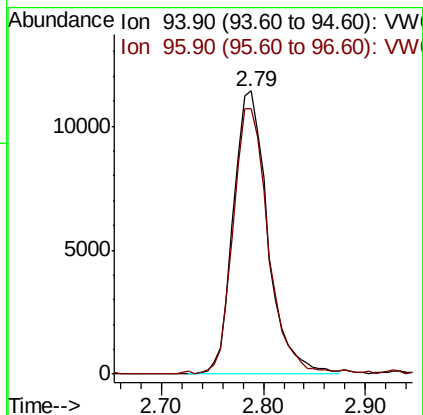
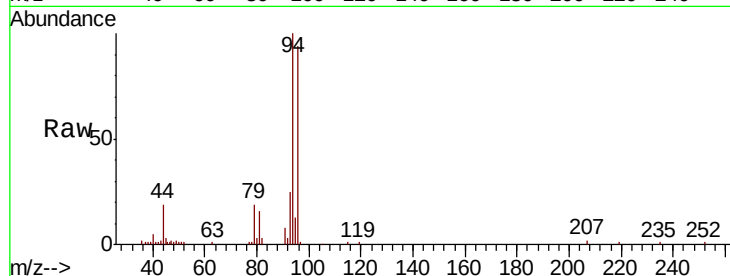
VW0925SBSD02

Tgt Ion: 94 Resp: 26707

Ion Ratio Lower Upper

94 100

96 92.7 73.1 109.7



#6

Chloroethane

Concen: 19.686 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW005631.D

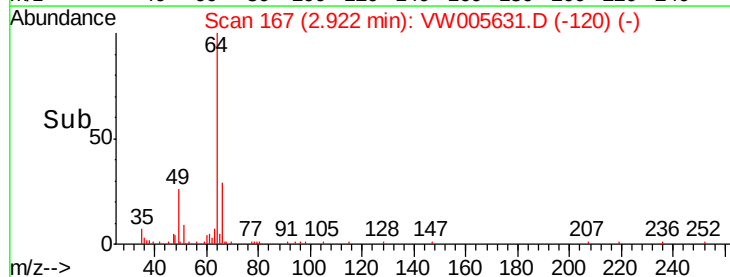
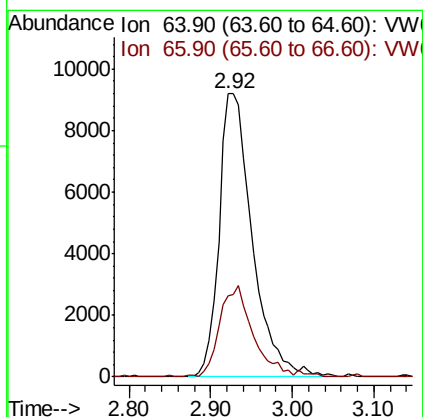
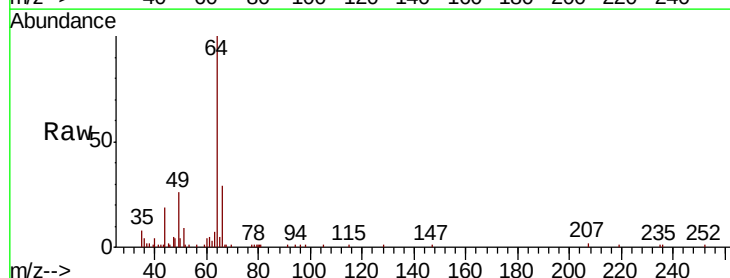
Acq: 26 Sep 2018 02:03

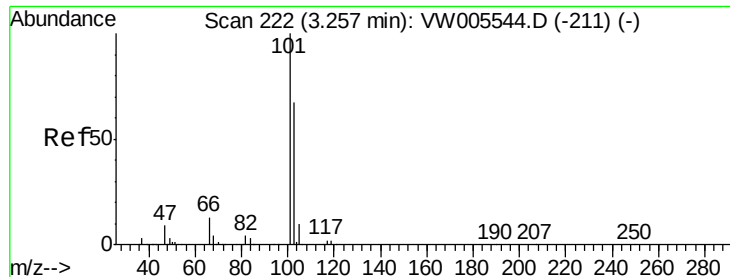
Tgt Ion: 64 Resp: 25965

Ion Ratio Lower Upper

64 100

66 28.6 26.0 39.0



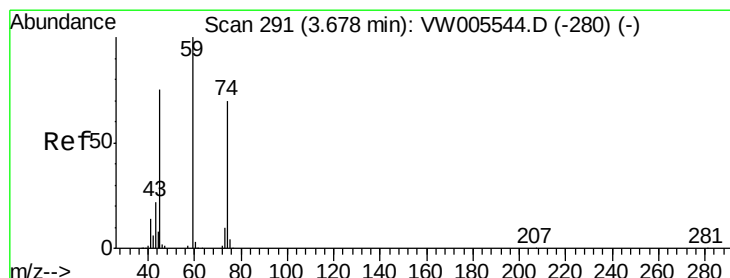
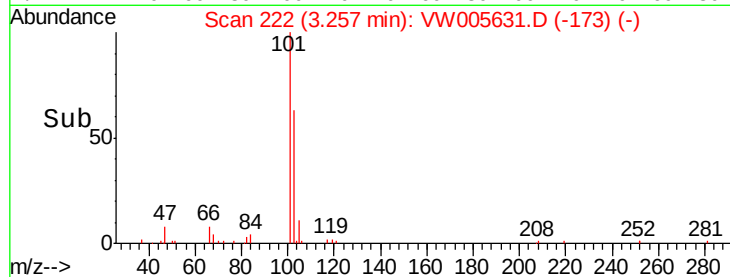
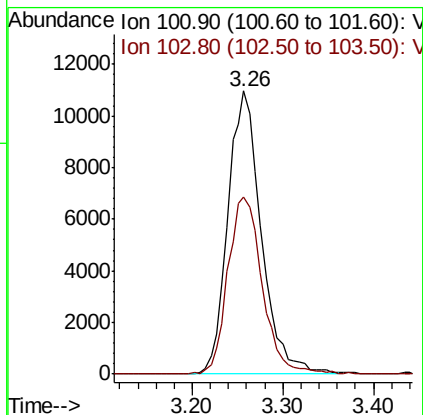
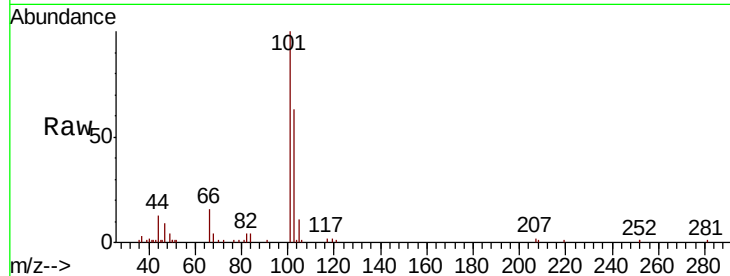


#7

Trichlorofluoromethane
 Concen: 17.403 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

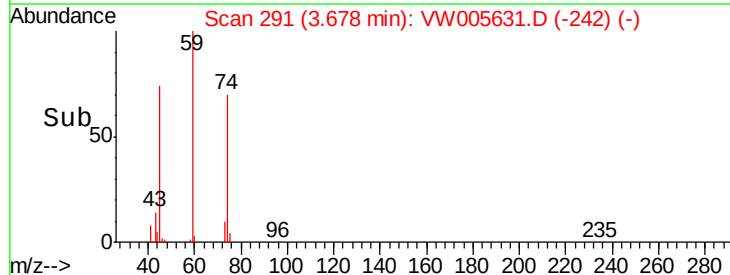
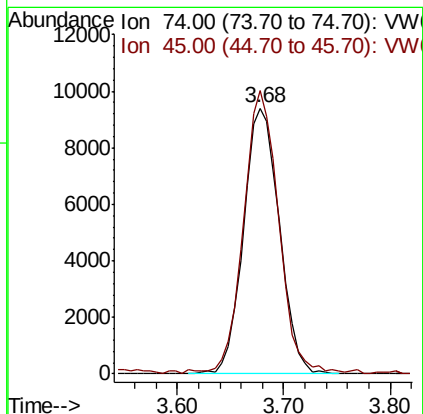
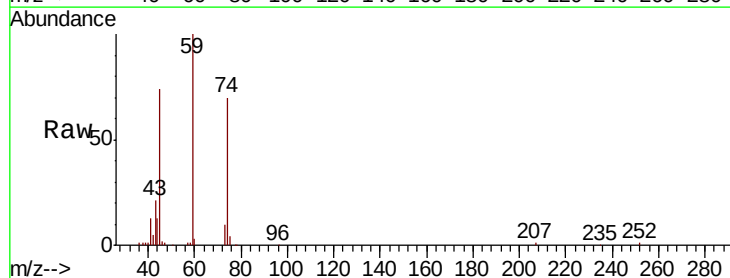
Tgt Ion:101 Resp: 27978
 Ion Ratio Lower Upper
 101 100
 103 62.6 53.2 79.8

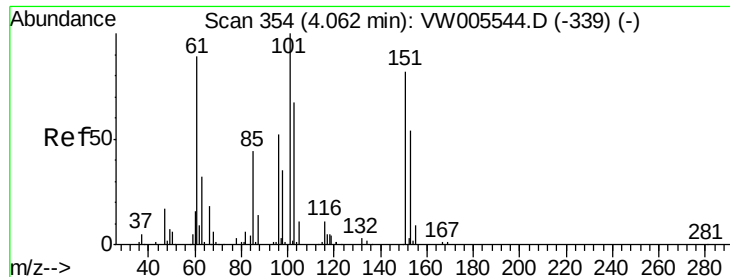


#8

Diethyl Ether
 Concen: 21.129 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 74 Resp: 22189
 Ion Ratio Lower Upper
 74 100
 45 105.3 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.994 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

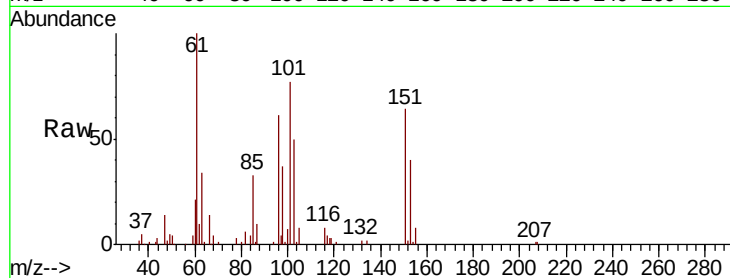
Tgt Ion:101 Resp: 42724

Ion Ratio Lower Upper

101 100

85 44.0 36.4 54.6

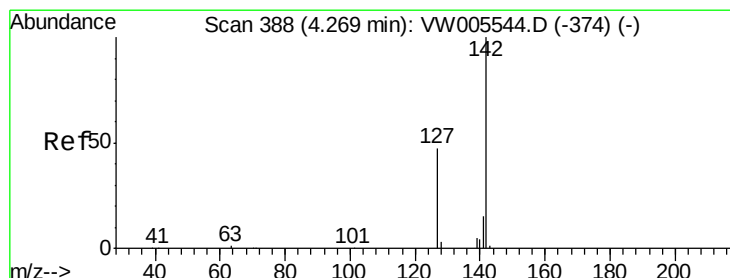
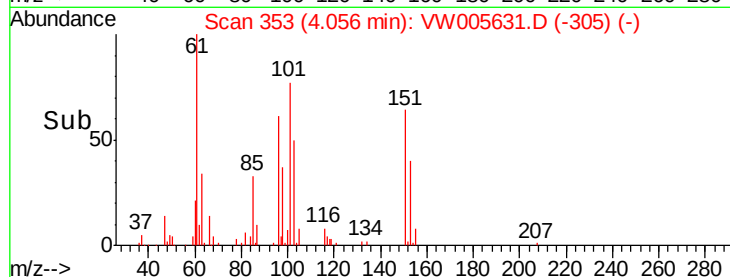
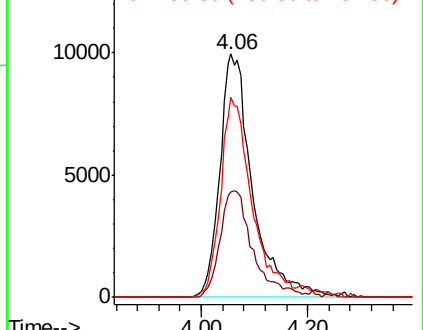
151 78.7 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.288 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

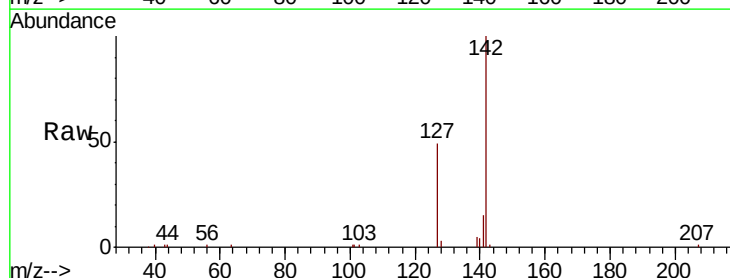
Tgt Ion:142 Resp: 63496

Ion Ratio Lower Upper

142 100

127 47.3 37.4 56.0

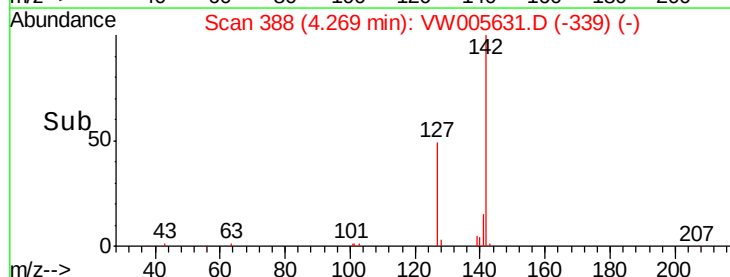
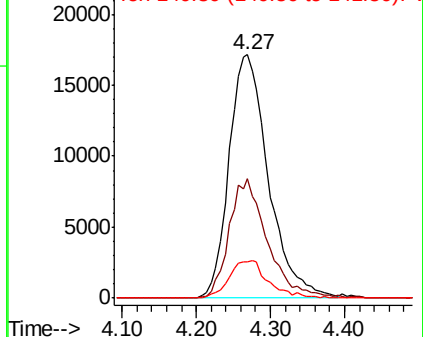
141 15.2 11.9 17.9

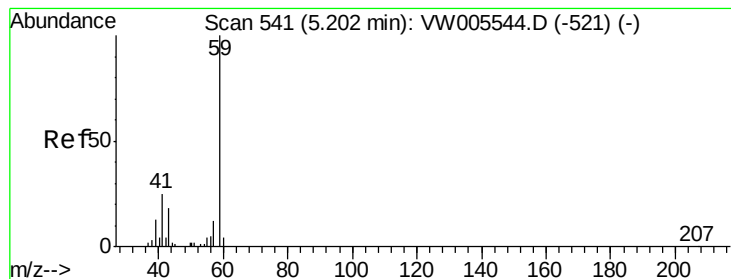


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



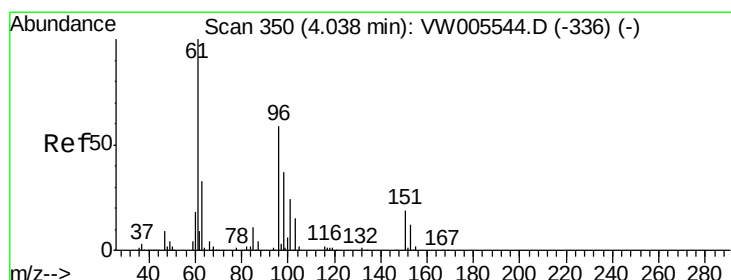
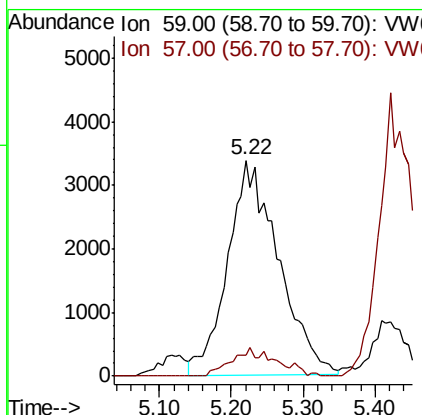
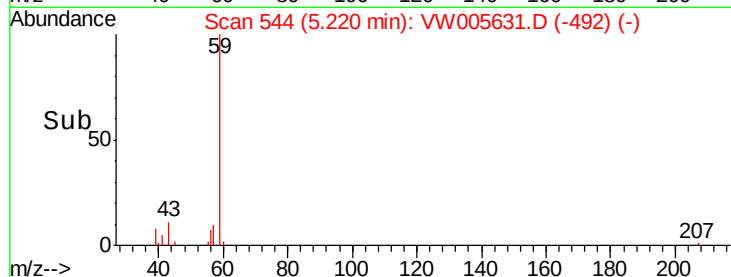
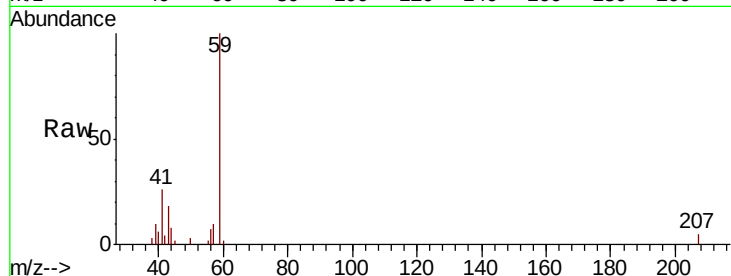


#11

Tert butyl alcohol
Concen: 125.337 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

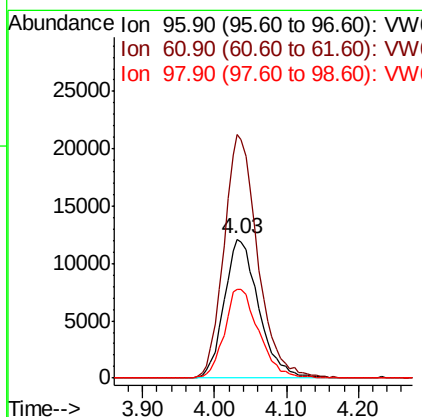
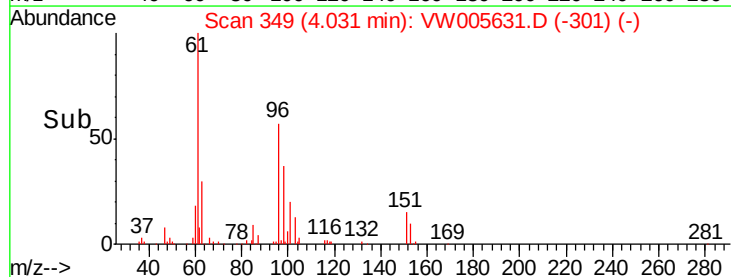
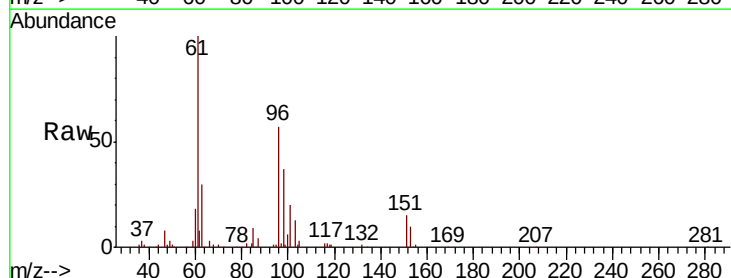
Tgt Ion: 59 Resp: 16463
Ion Ratio Lower Upper
59 100
57 6.6 8.3 12.5#

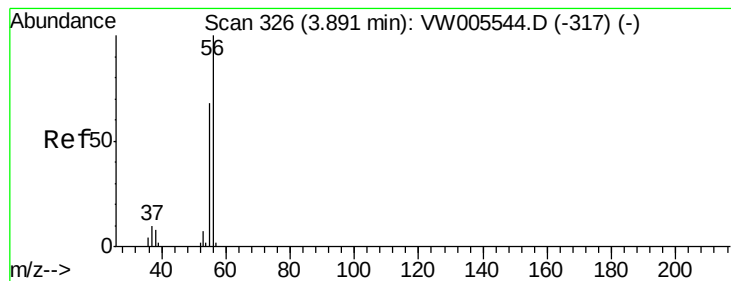


#12

1,1-Dichloroethene
Concen: 20.658 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion: 96 Resp: 40249
Ion Ratio Lower Upper
96 100
61 174.8 135.0 202.6
98 63.8 50.6 76.0





#13

Acrolein

Concen: 118.413 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

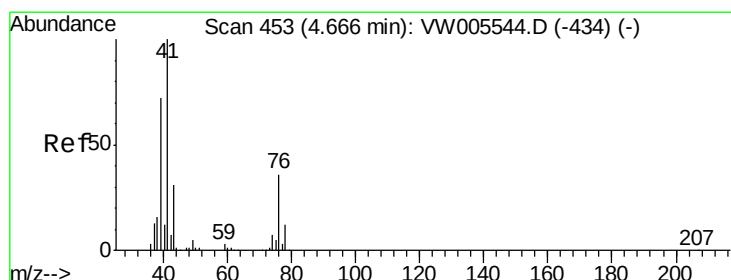
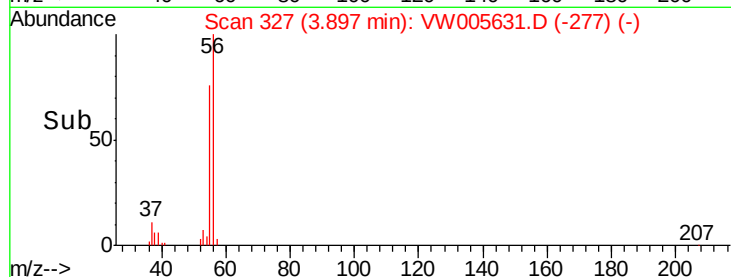
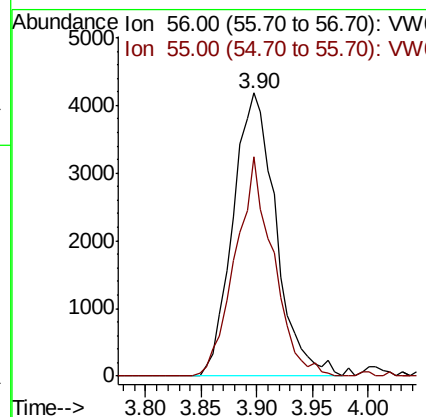
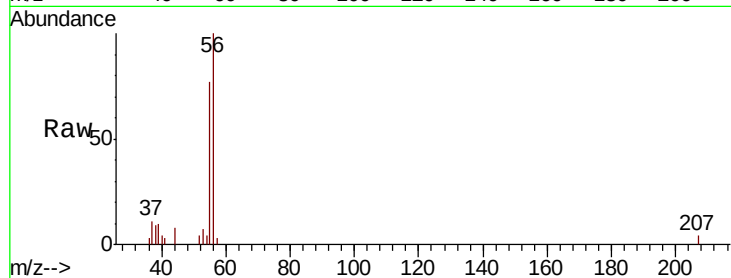
VW0925SBSD02

Tgt Ion: 56 Resp: 11205

Ion Ratio Lower Upper

56 100

55 69.0 57.8 86.8



#14

Allyl chloride

Concen: 20.172 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

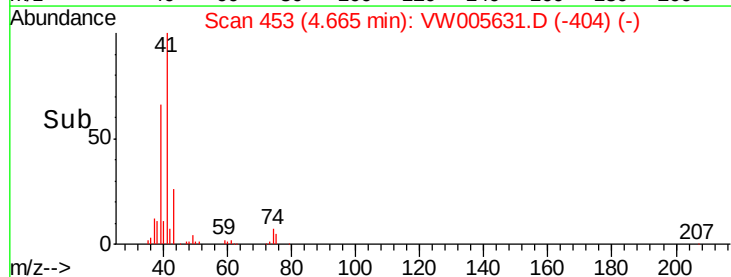
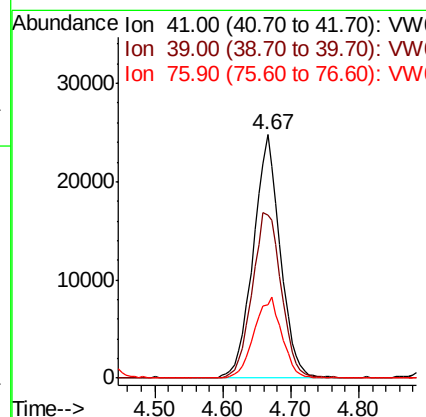
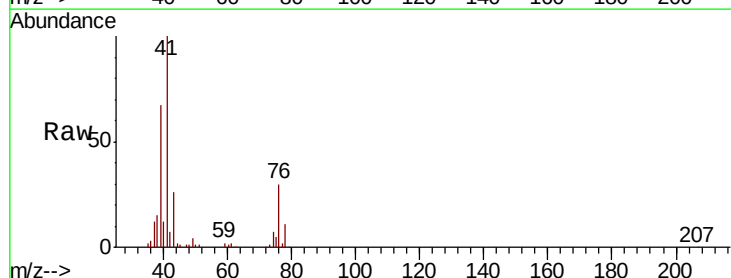
Tgt Ion: 41 Resp: 68589

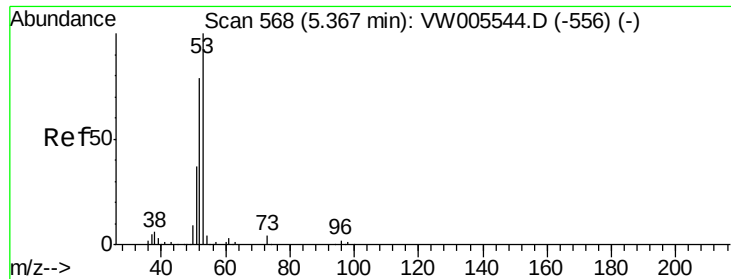
Ion Ratio Lower Upper

41 100

39 73.3 59.6 89.4

76 34.1 27.7 41.5





#15

Acrylonitrile

Concen: 115.024 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

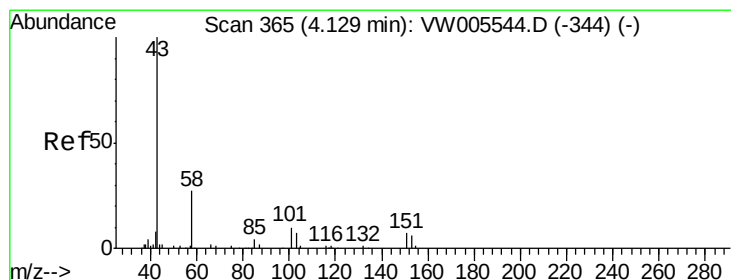
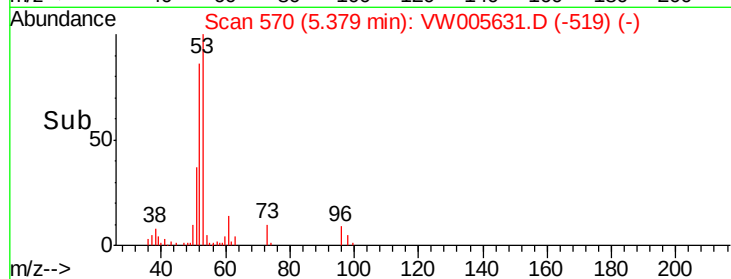
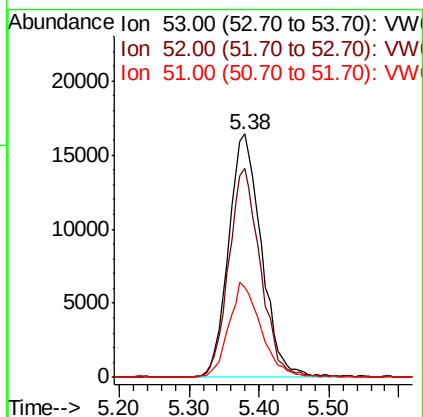
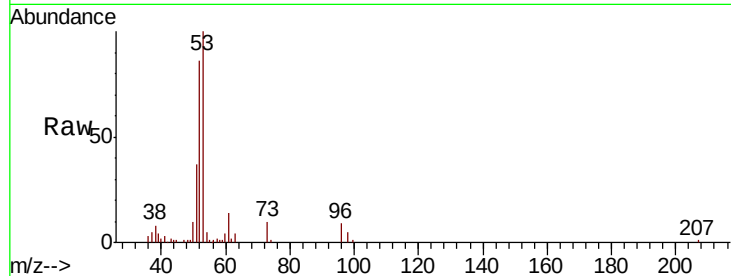
Tgt Ion: 53 Resp: 53633

Ion Ratio Lower Upper

53 100

52 82.6 66.5 99.7

51 38.3 30.6 46.0



#16

Acetone

Concen: 114.995 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005631.D

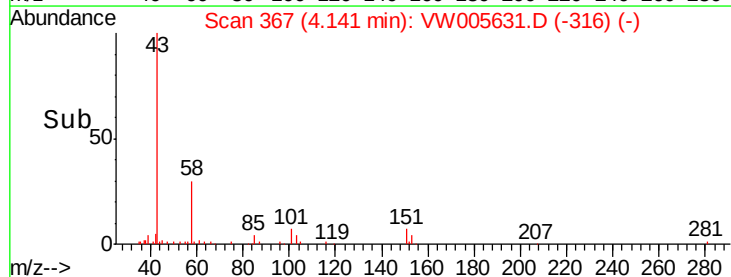
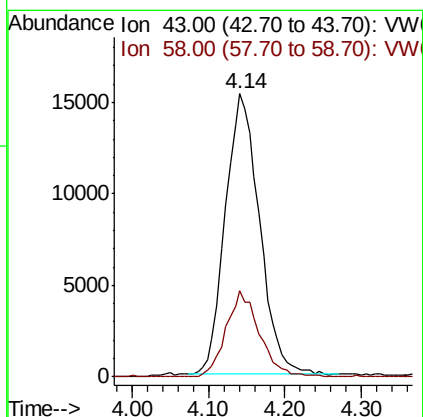
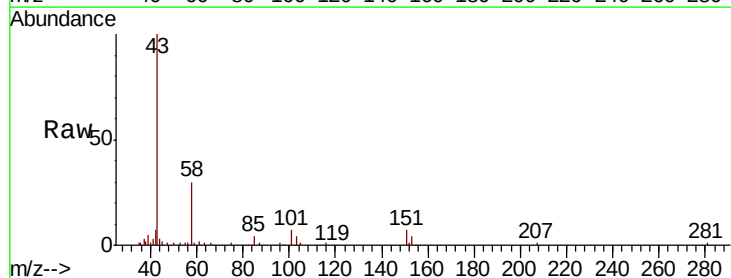
Acq: 26 Sep 2018 02:03

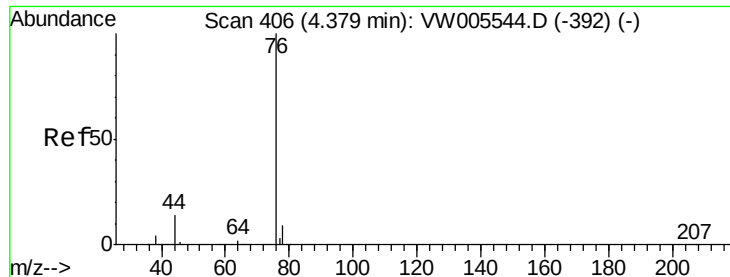
Tgt Ion: 43 Resp: 47579

Ion Ratio Lower Upper

43 100

58 30.6 21.8 32.8

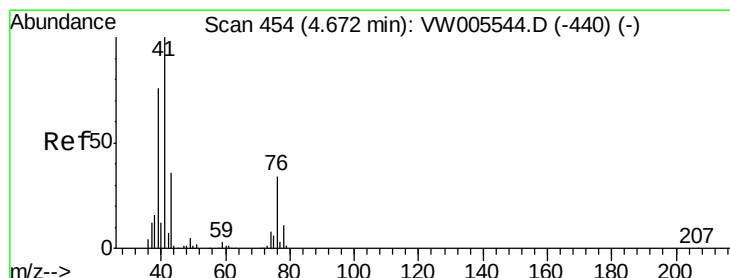
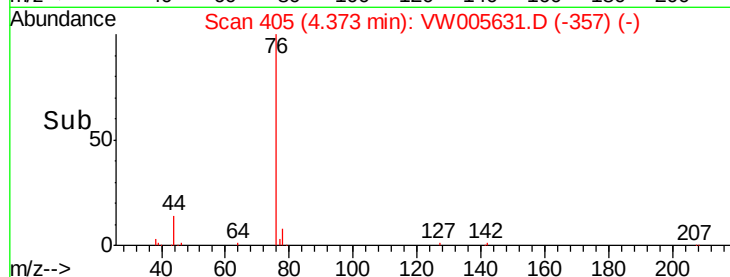
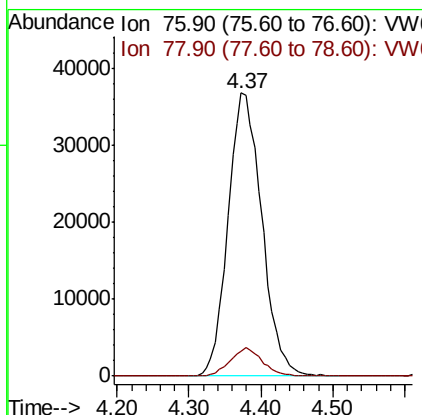
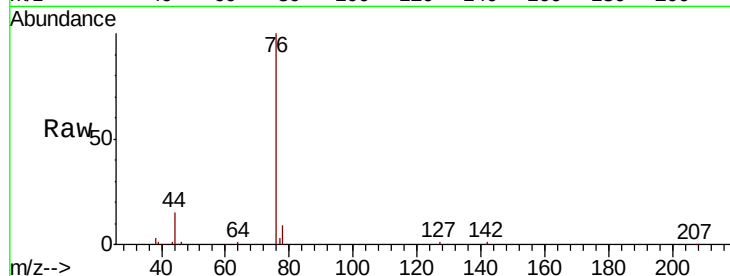




#17
Carbon Disulfide
Concen: 19.716 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

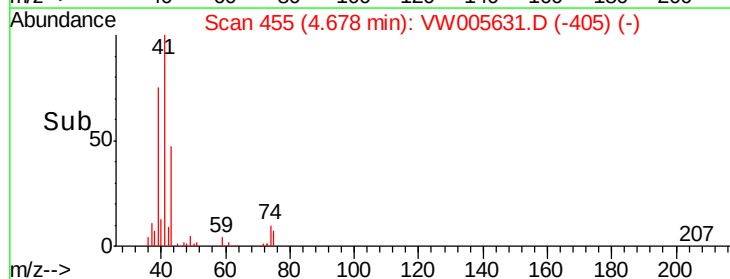
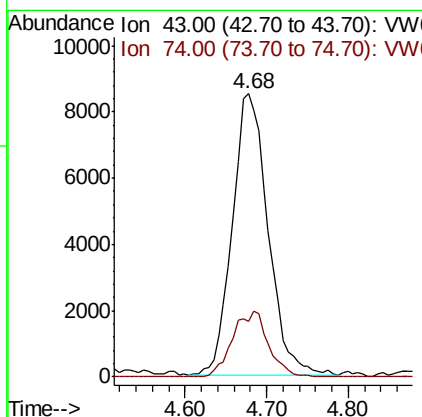
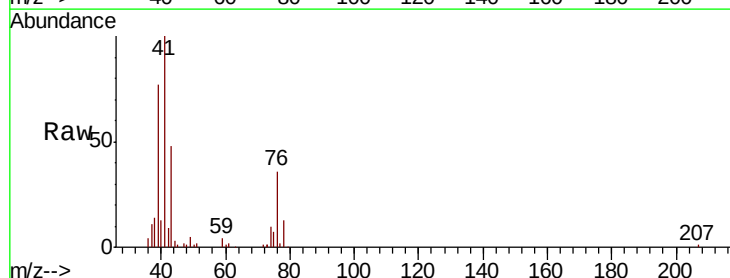
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

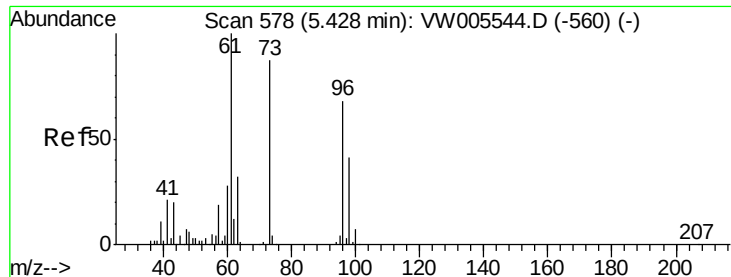
Tgt Ion: 76 Resp: 120019
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 21.561 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion: 43 Resp: 25754
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8

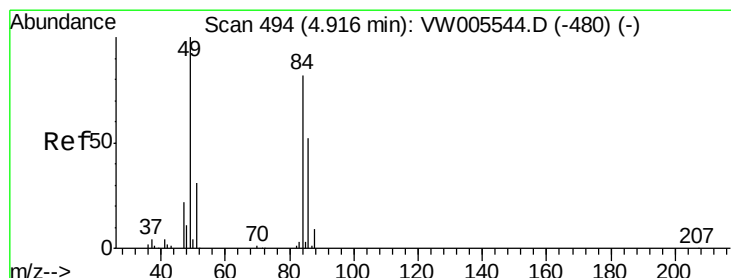
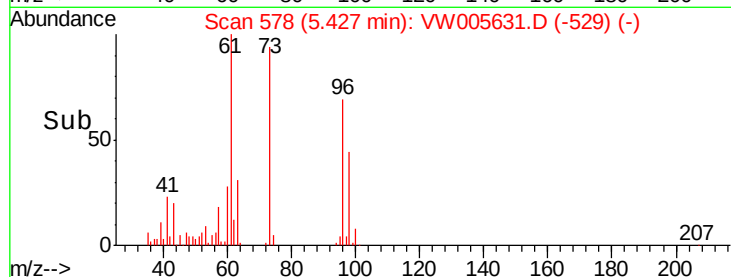
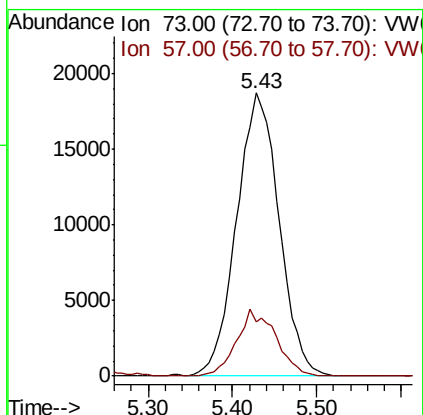
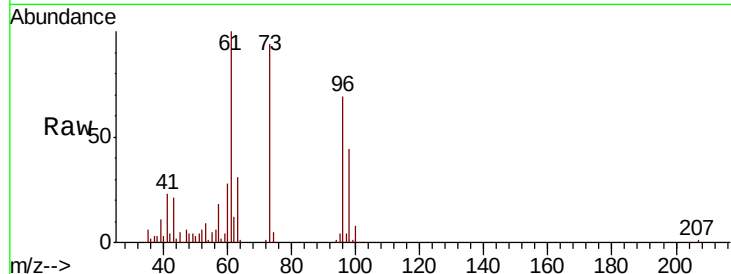




#19
Methyl tert-butyl Ether
Concen: 21.303 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

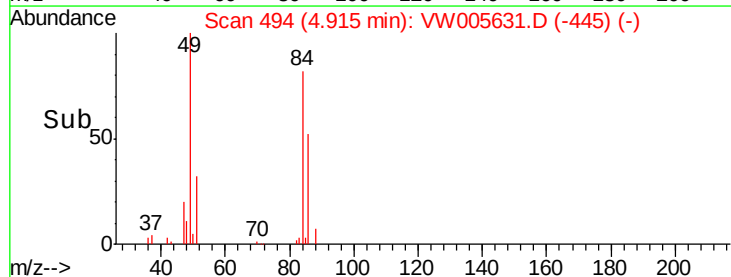
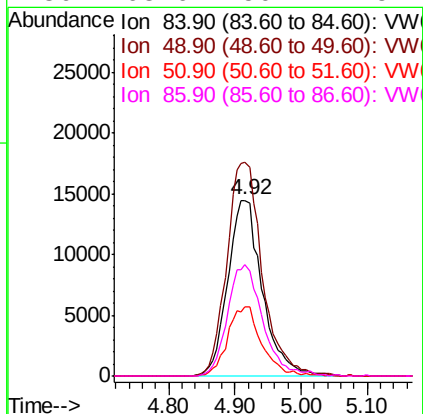
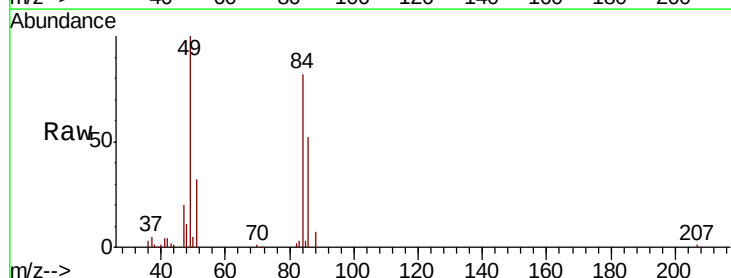
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

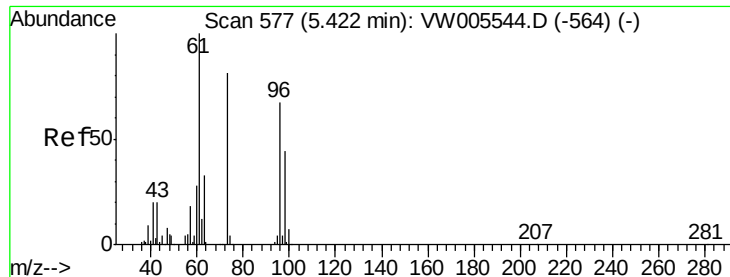
Tgt Ion: 73 Resp: 64062
Ion Ratio Lower Upper
73 100
57 19.2 17.6 26.4



#20
Methylene Chloride
Concen: 22.354 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion: 84 Resp: 52207
Ion Ratio Lower Upper
84 100
49 121.5 97.0 145.6
51 39.0 30.2 45.2
86 63.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.200 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

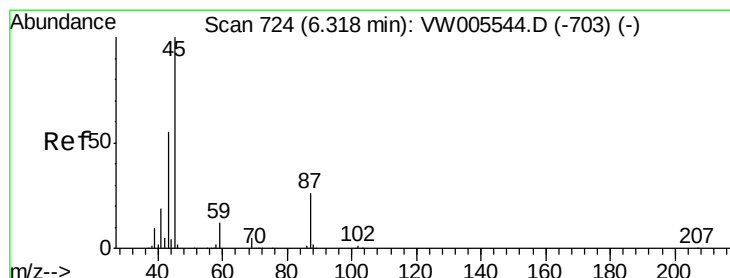
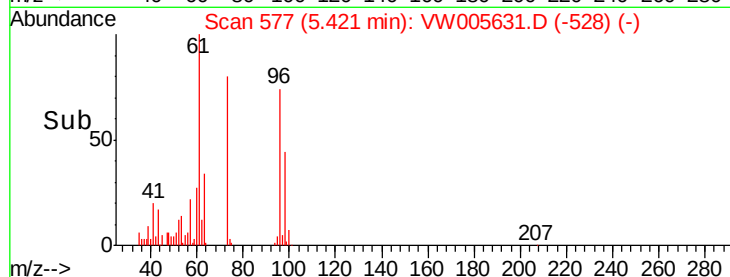
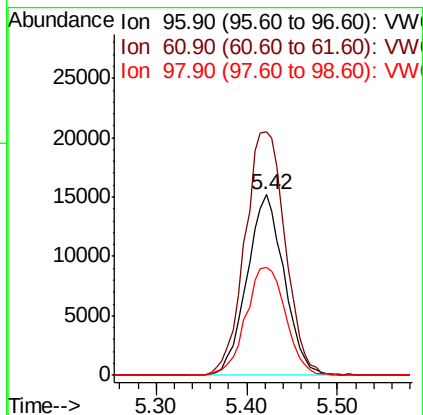
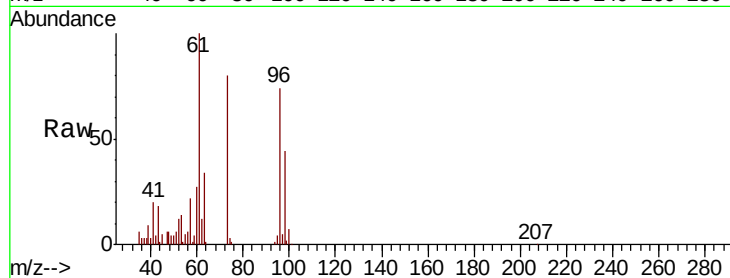
Tgt Ion: 96 Resp: 43107

Ion Ratio Lower Upper

96 100

61 135.0 118.9 178.3

98 59.6 52.1 78.1



#22

Diisopropyl ether

Concen: 21.475 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion: 45 Resp: 141747

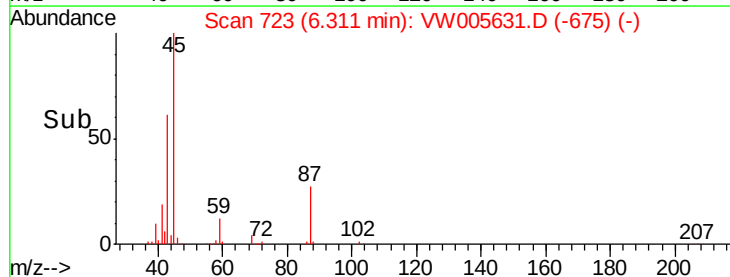
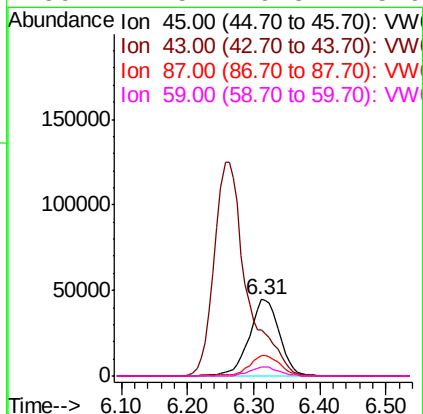
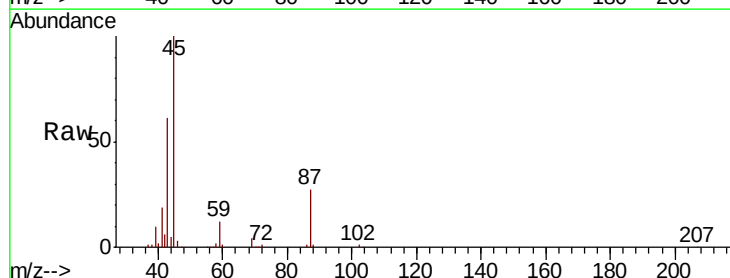
Ion Ratio Lower Upper

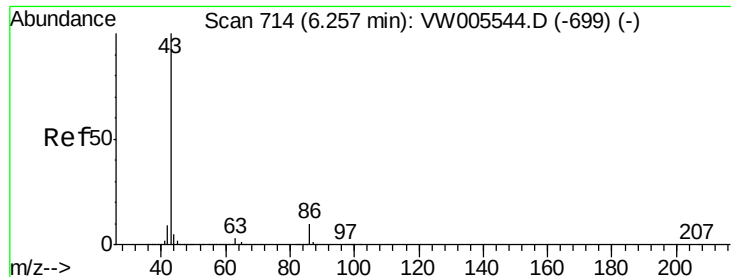
45 100

43 60.7 44.2 66.4

87 26.9 21.4 32.2

59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 112.685 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

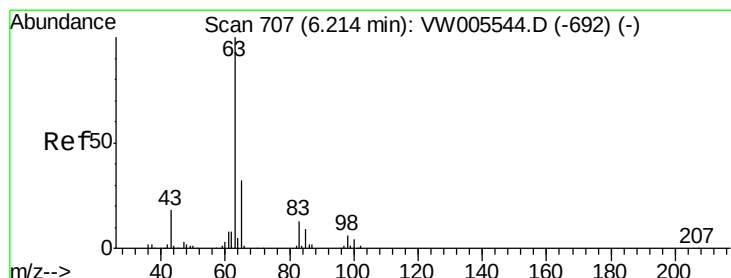
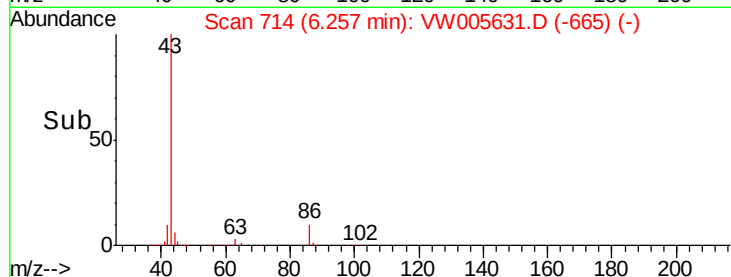
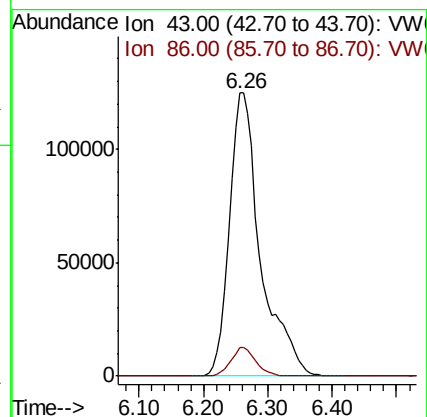
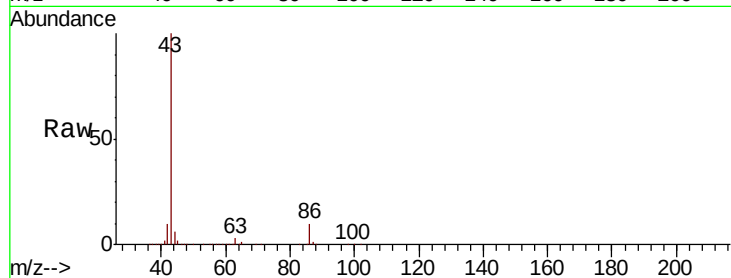
VW0925SBSD02

Tgt Ion: 43 Resp: 425129

Ion Ratio Lower Upper

43 100

86 10.3 7.7 11.5



#24

1,1-Dichloroethane

Concen: 20.426 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

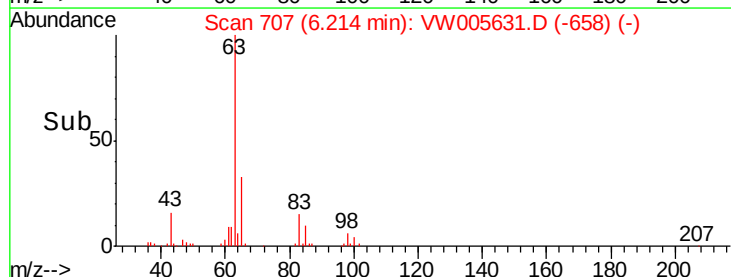
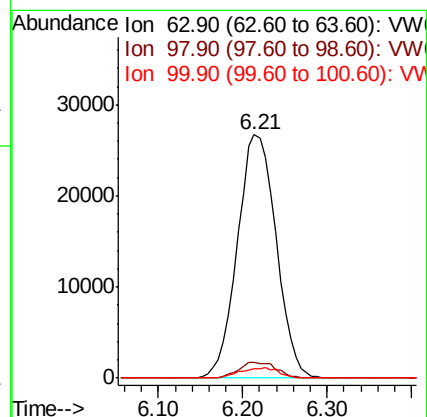
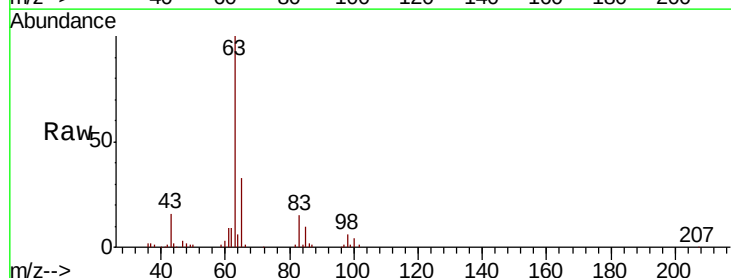
Tgt Ion: 63 Resp: 83301

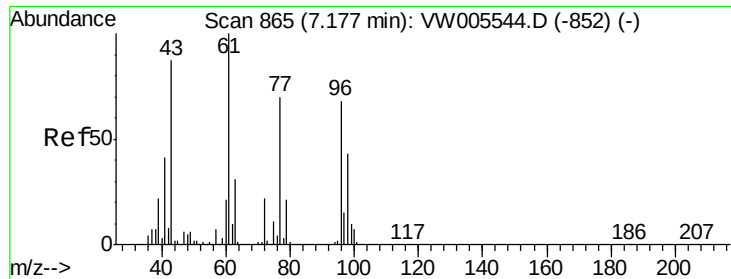
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 110.212 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

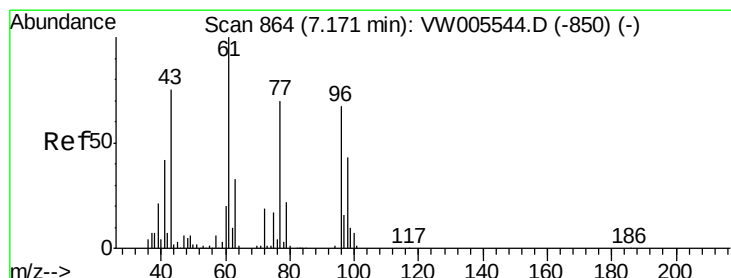
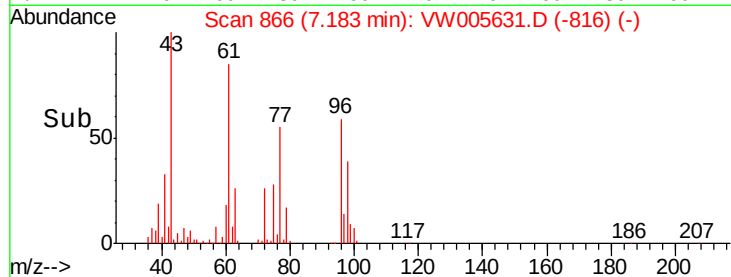
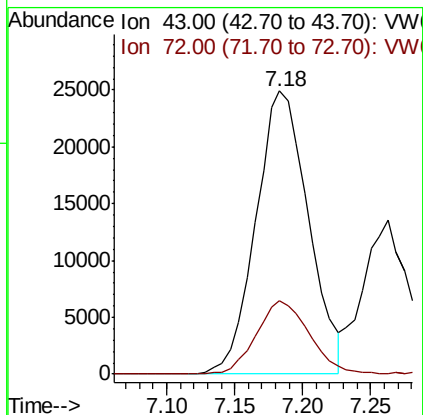
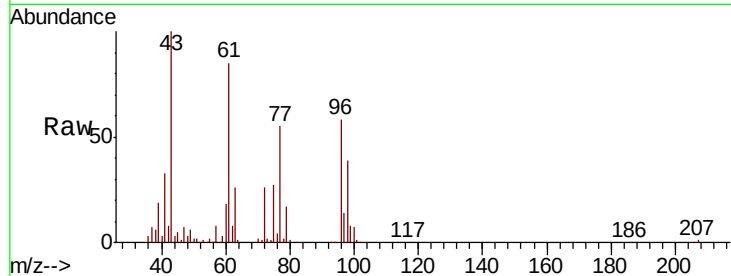
VW0925SBSD02

Tgt Ion: 43 Resp: 67460

Ion Ratio Lower Upper

43 100

72 25.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 18.138 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005631.D

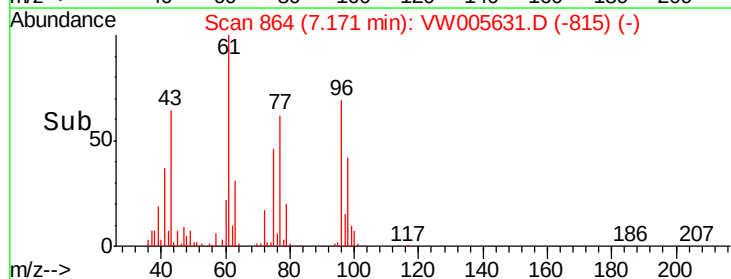
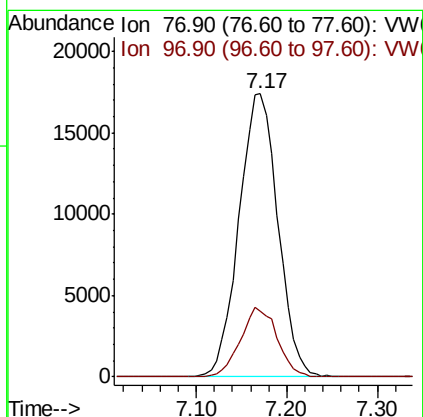
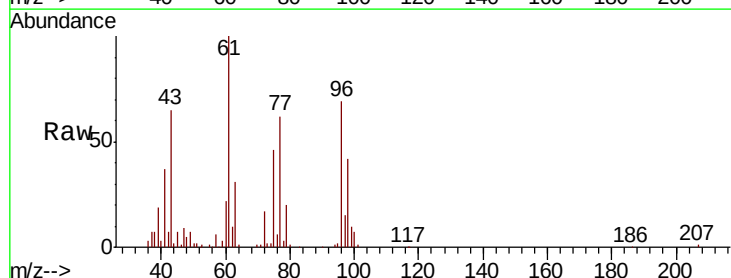
Acq: 26 Sep 2018 02:03

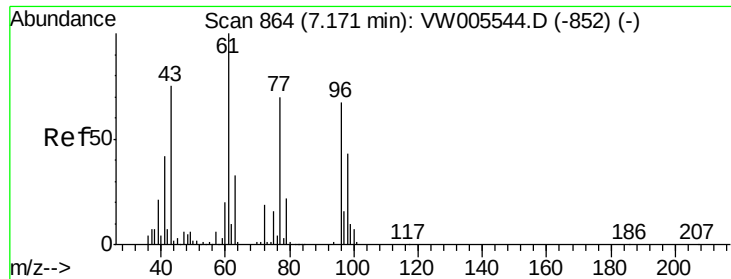
Tgt Ion: 77 Resp: 51641

Ion Ratio Lower Upper

77 100

97 23.1 11.0 33.0



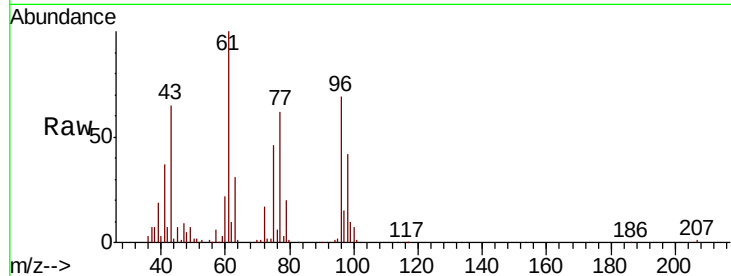


#27

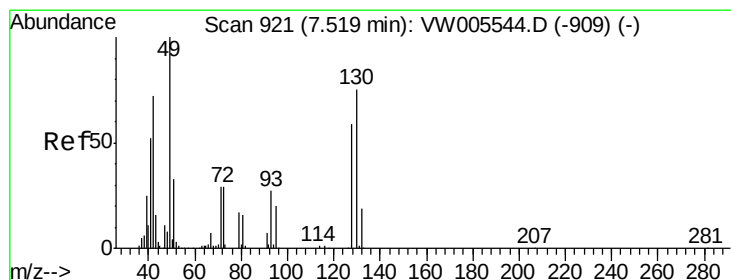
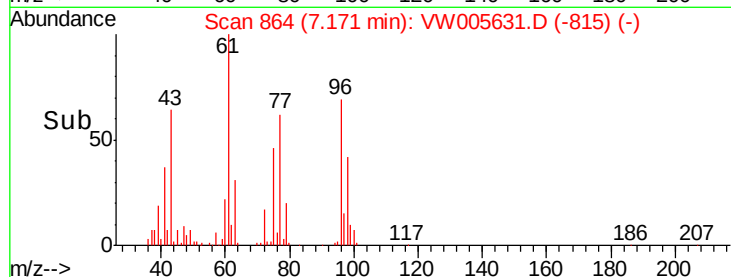
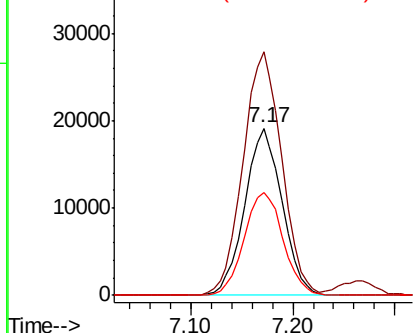
cis-1,2-Dichloroethene
 Concen: 20.707 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

Tgt Ion: 96 Resp: 48737
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 303.4
 98 63.9 0.0 127.2



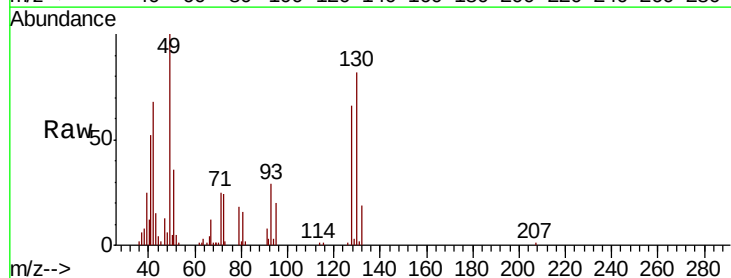
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



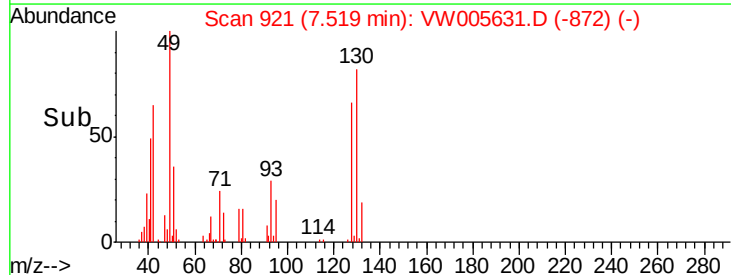
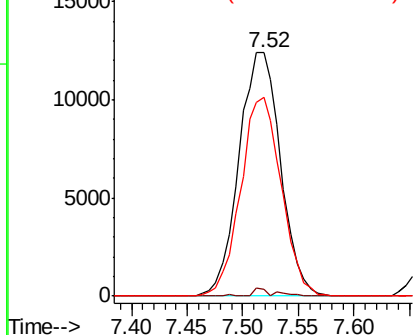
#28

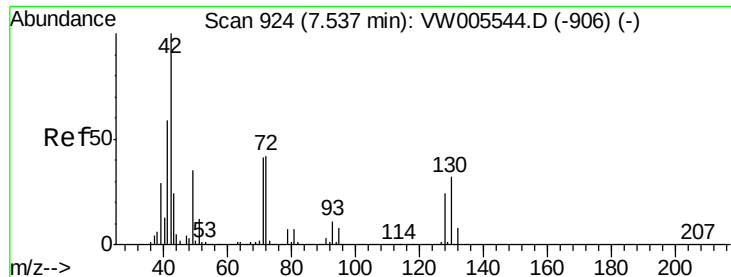
Bromochloromethane
 Concen: 19.907 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 49 Resp: 32157
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 1.4
 130 79.8 61.3 91.9



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





#29

Tetrahydrofuran

Concen: 123.725 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

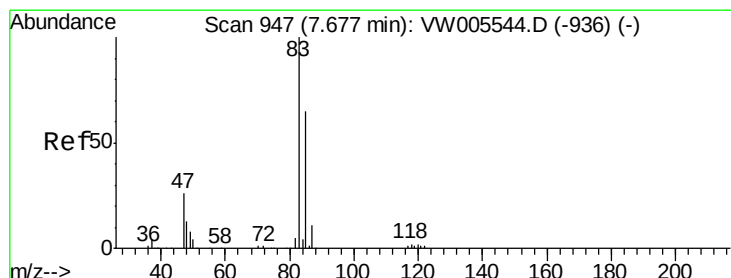
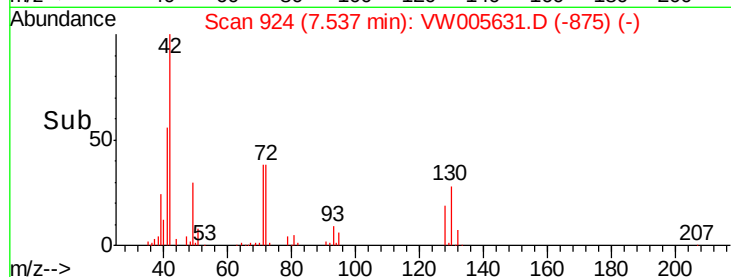
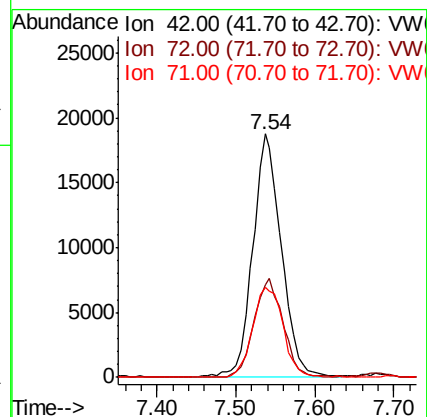
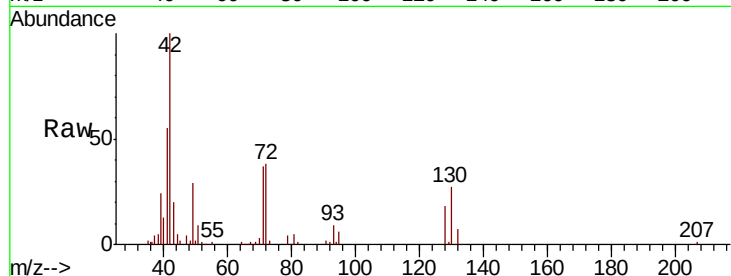
Tgt Ion: 42 Resp: 47312

Ion Ratio Lower Upper

42 100

72 41.0 33.6 50.4

71 39.5 31.8 47.6



#30

Chloroform

Concen: 21.238 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW005631.D

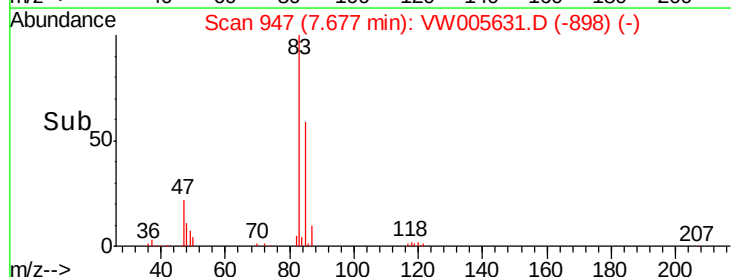
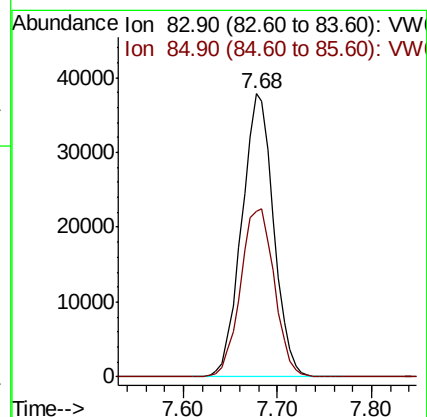
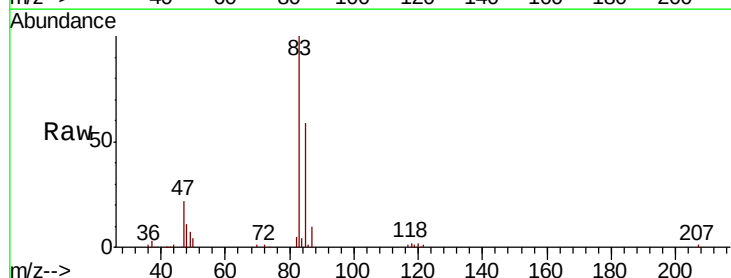
Acq: 26 Sep 2018 02:03

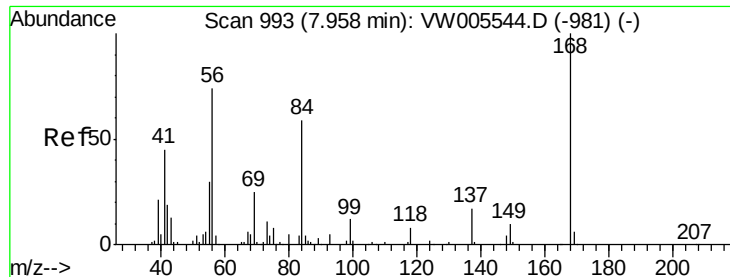
Tgt Ion: 83 Resp: 89417

Ion Ratio Lower Upper

83 100

85 58.7 51.8 77.6

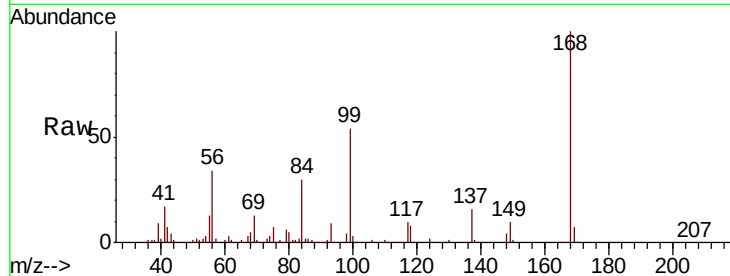




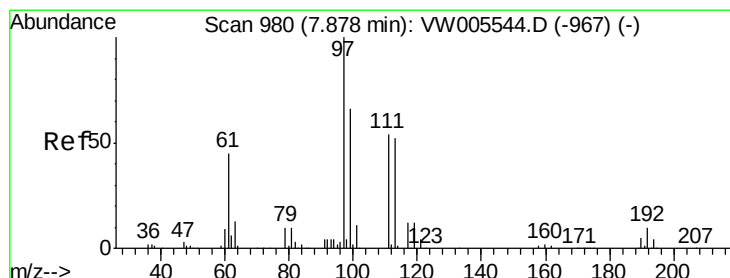
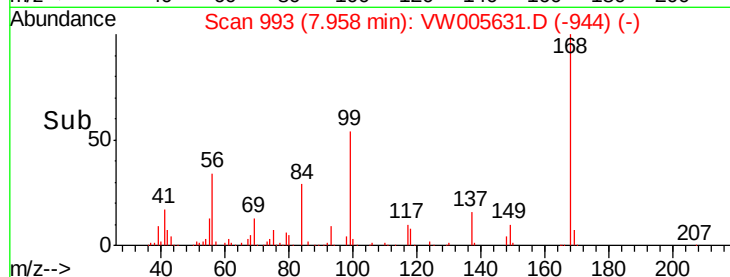
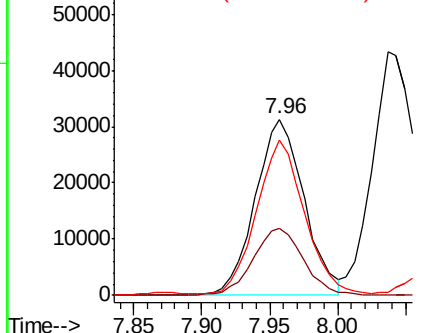
#31
Cyclohexane
Concen: 20.095 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tgt Ion: 56 Resp: 78512
Ion Ratio Lower Upper
56 100
69 37.7 27.0 40.4
84 87.2 64.2 96.4

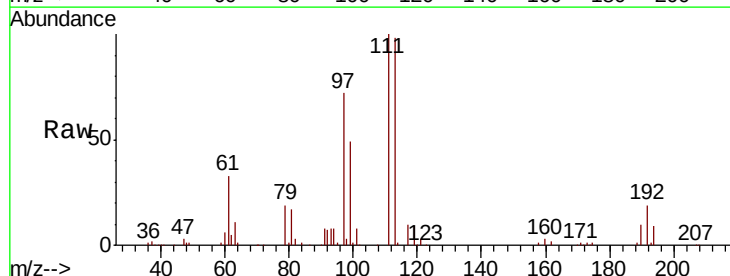


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

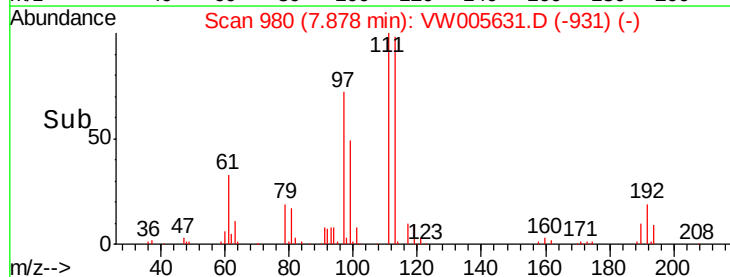
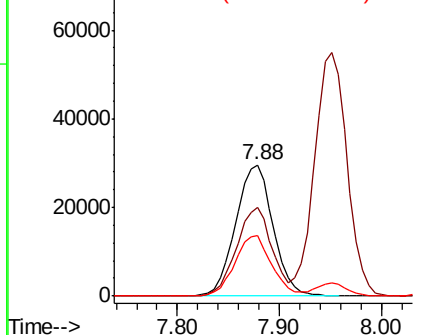


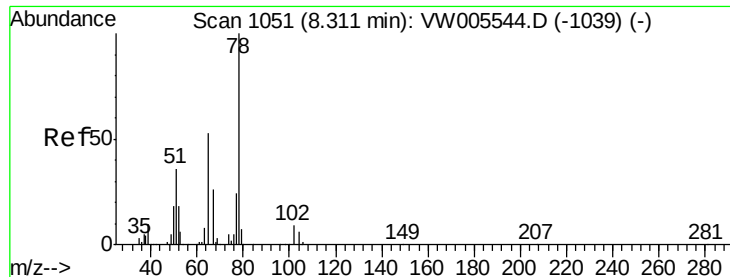
#32
1,1,1-Trichloroethane
Concen: 20.248 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion: 97 Resp: 75310
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 45.2 36.2 54.2



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

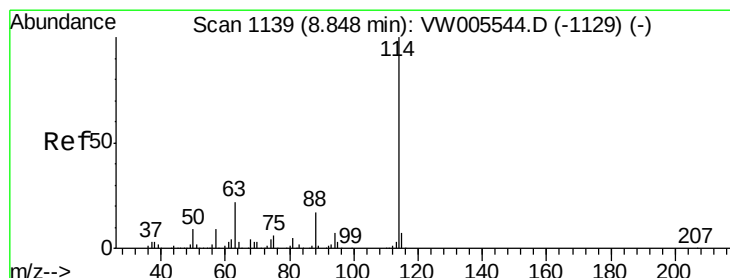
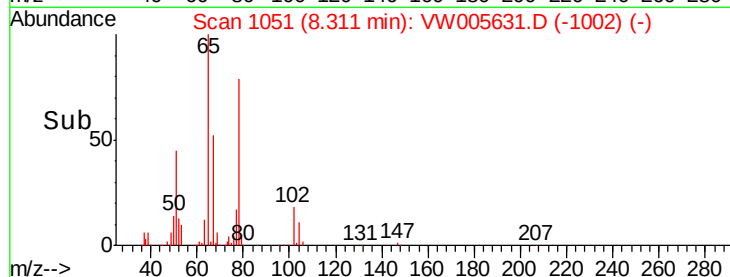
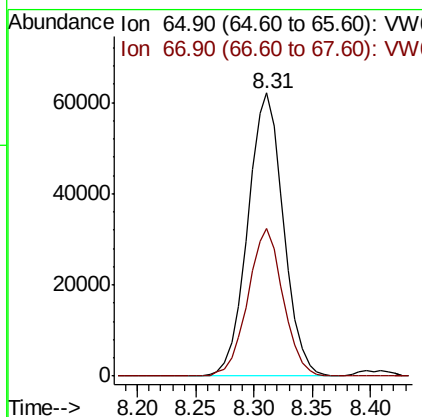
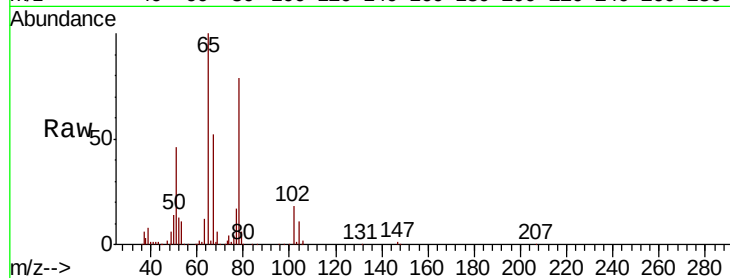




#33
 1,2-Dichloroethane-d4
 Concen: 52.515 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

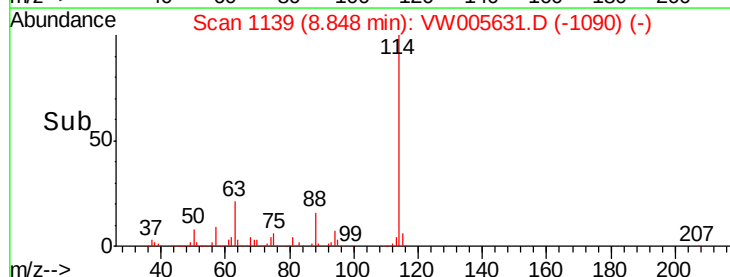
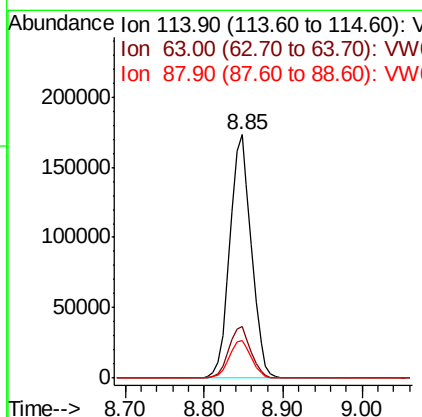
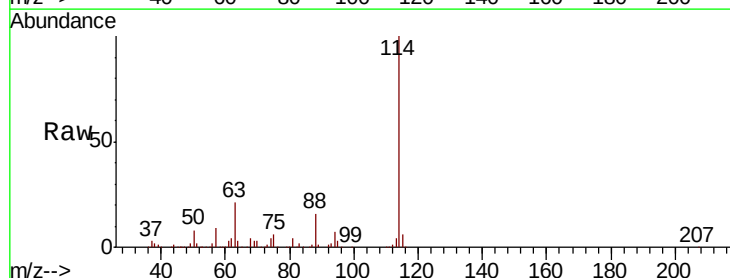
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

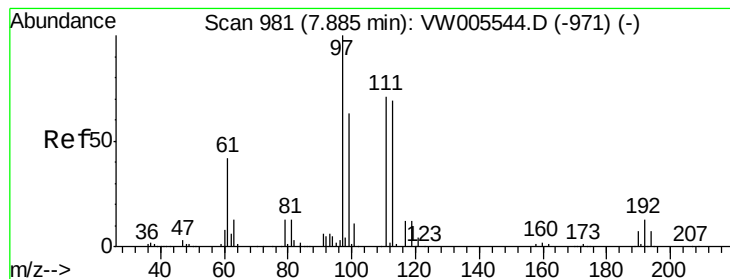
Tgt Ion: 65 Resp: 132348
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 114 Resp: 327419
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.205 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

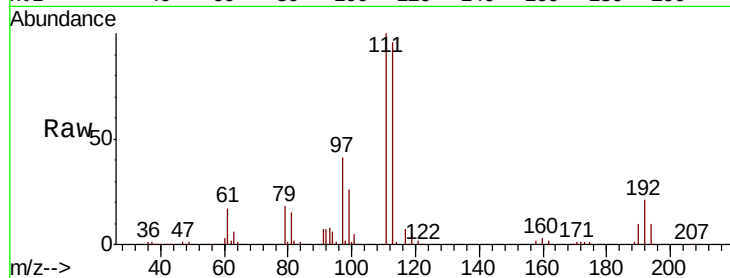
Tgt Ion:113 Resp: 109549

Ion Ratio Lower Upper

113 100

111 100.9 82.6 123.8

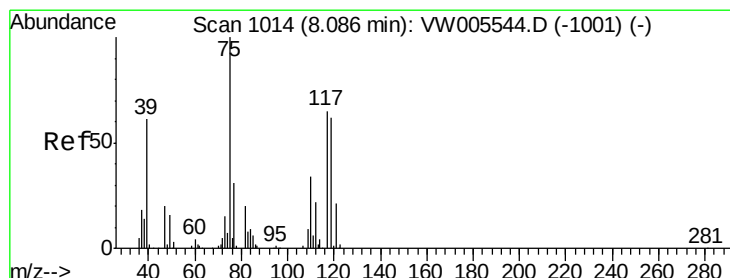
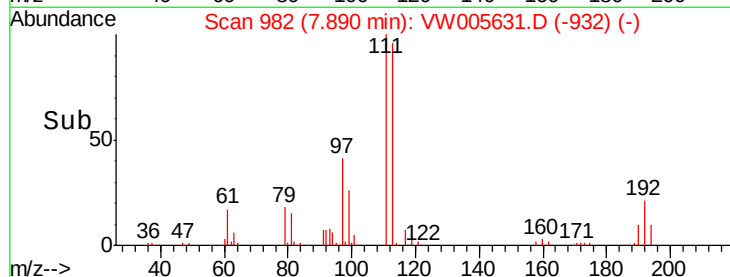
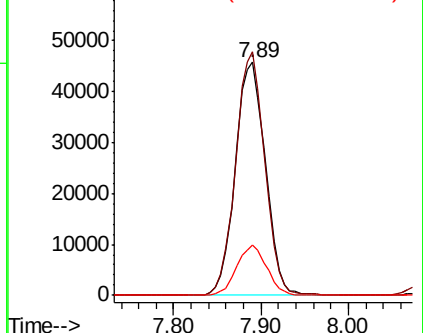
192 21.1 17.0 25.4



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: 20.614 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

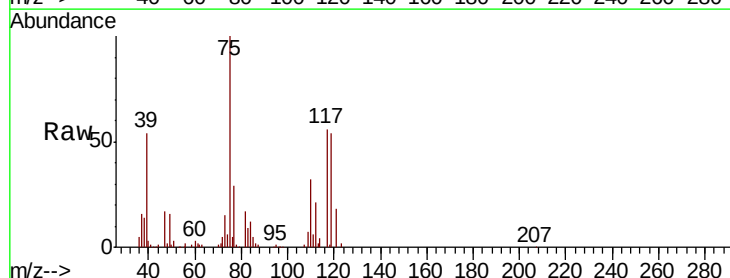
Tgt Ion: 75 Resp: 67944

Ion Ratio Lower Upper

75 100

110 34.2 17.0 50.9

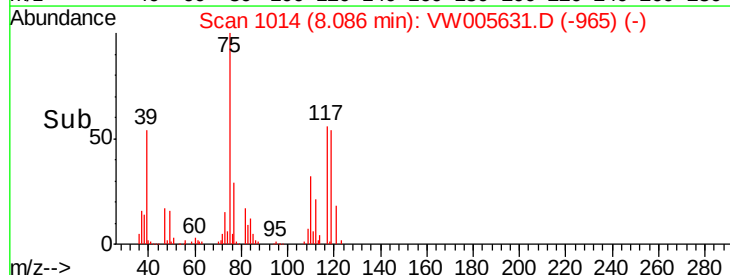
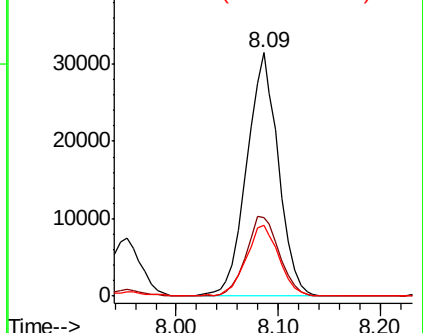
77 30.3 24.8 37.2

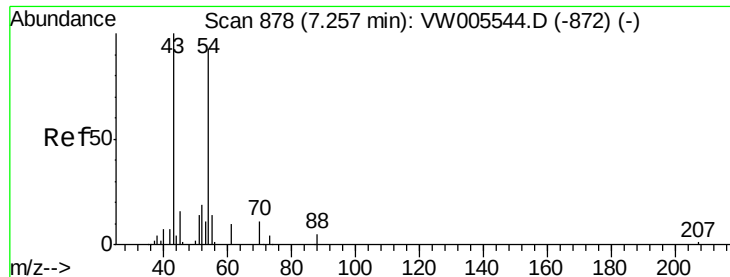


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

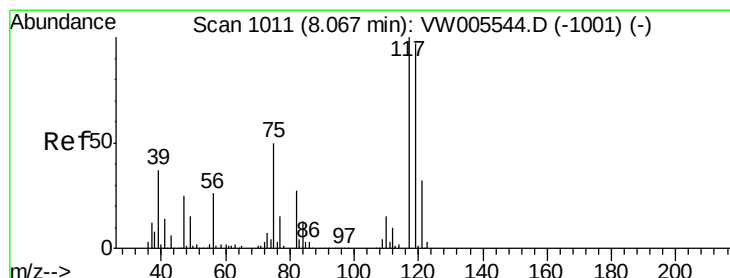
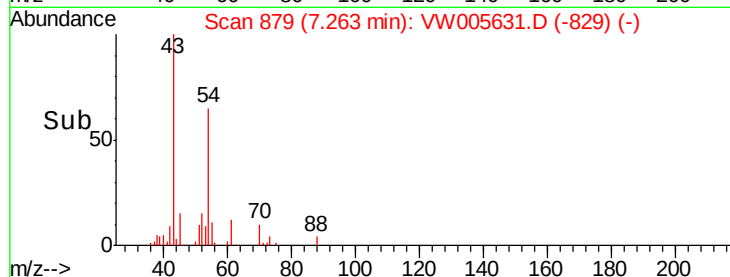
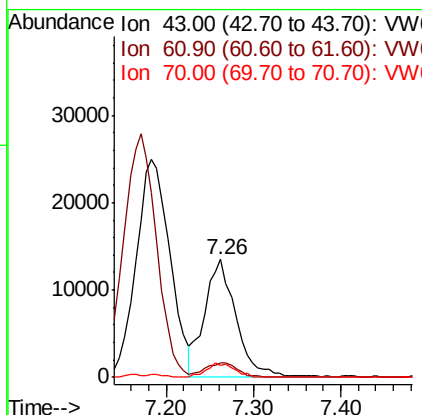
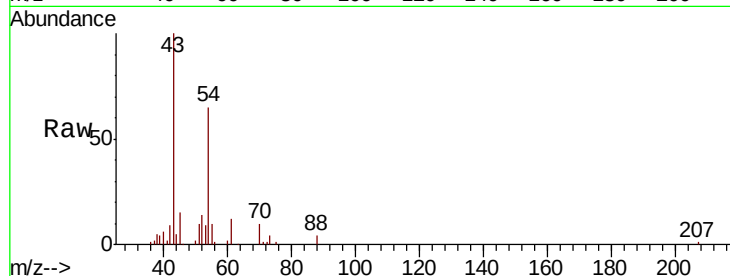




#37
Ethyl Acetate
Concen: 24.239 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

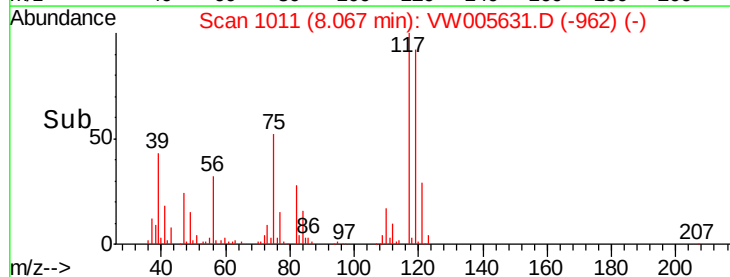
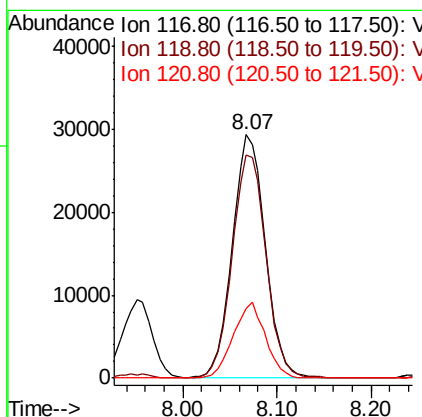
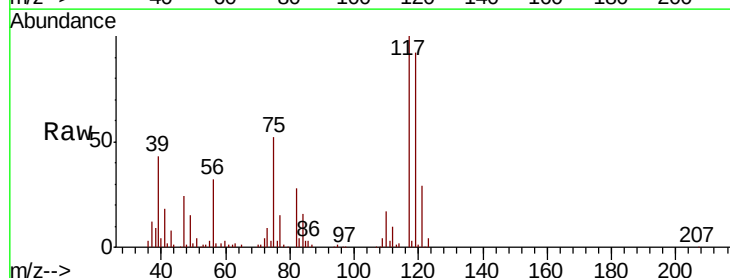
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

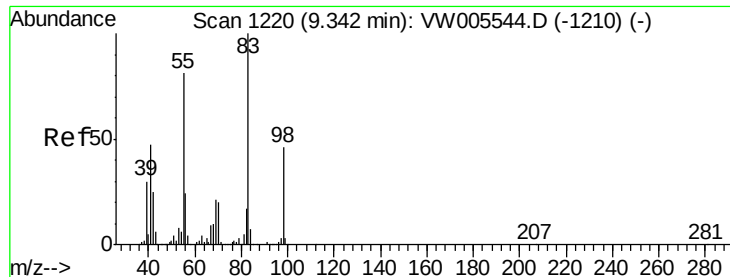
Tgt Ion: 43 Resp: 33620
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 10.5 8.2 12.2



#38
Carbon Tetrachloride
Concen: 20.303 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion: 117 Resp: 71708
Ion Ratio Lower Upper
117 100
119 91.6 77.6 116.4
121 28.6 25.7 38.5

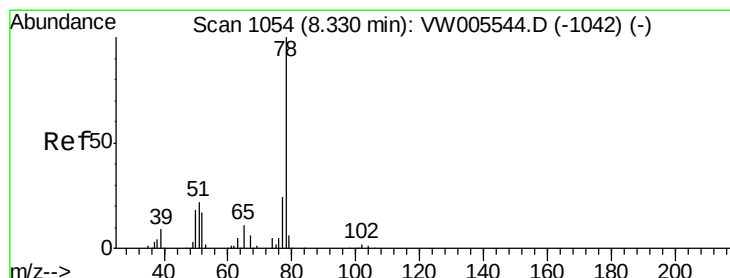
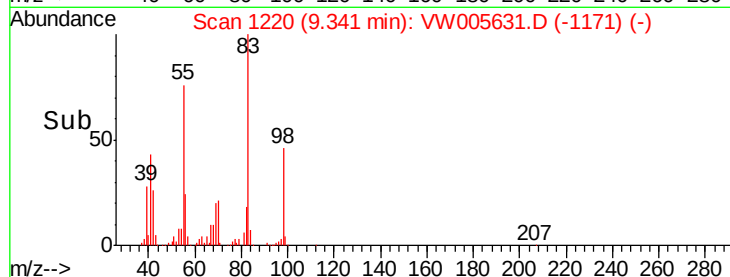
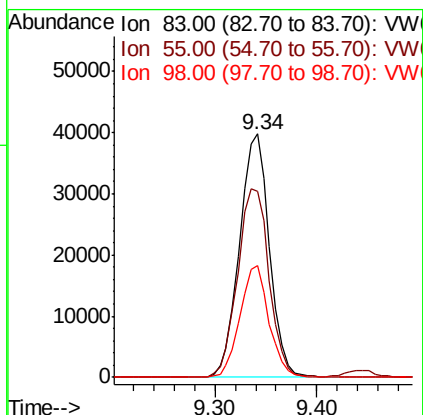
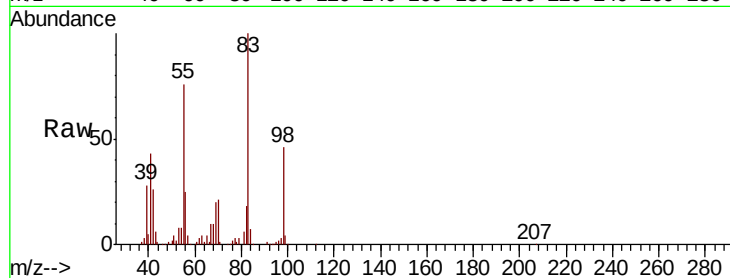




#39
Methylcyclohexane
Concen: 20.778 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

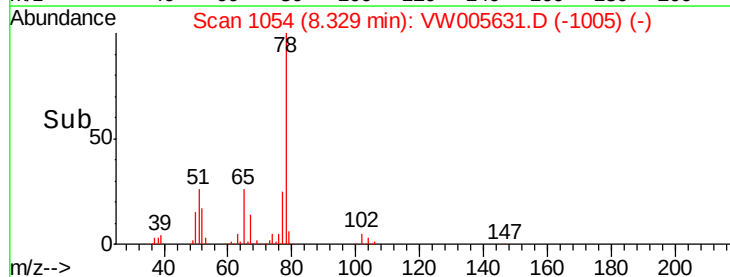
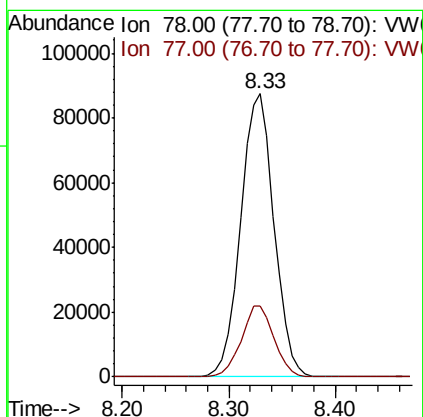
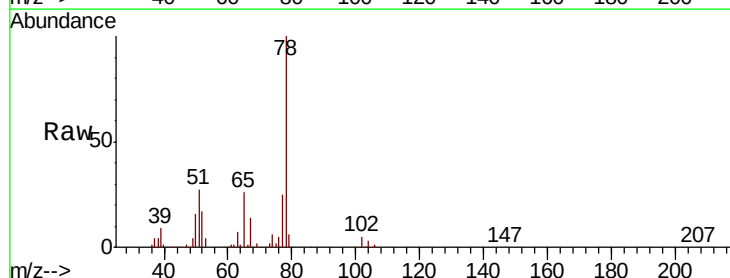
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

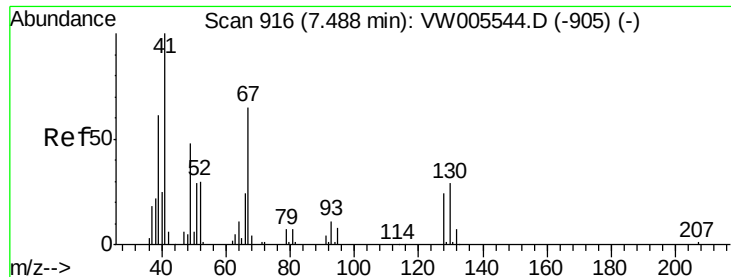
Tgt Ion: 83 Resp: 80800
Ion Ratio Lower Upper
83 100
55 76.4 64.6 97.0
98 46.1 37.0 55.6



#40
Benzene
Concen: 20.559 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion: 78 Resp: 191992
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4

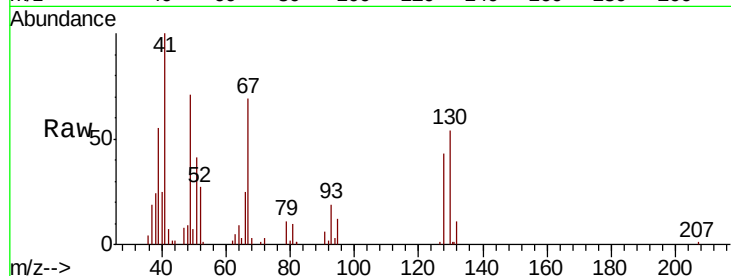




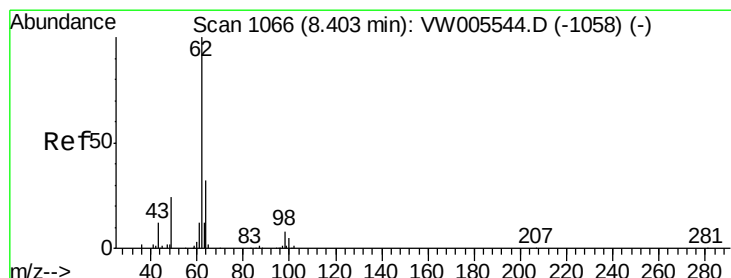
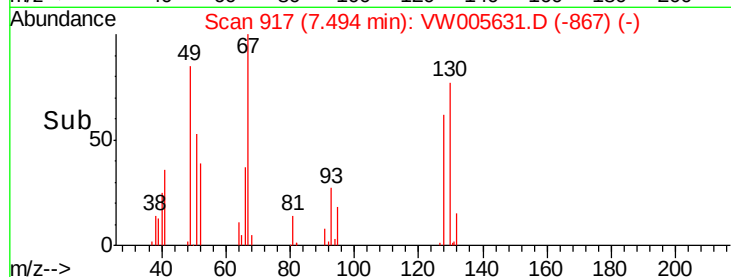
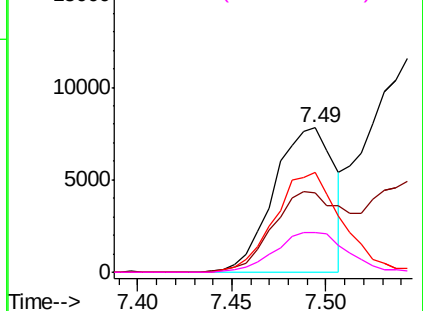
#41
Methacrylonitrile
Concen: 22.035 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tgt Ion:	41	Resp:	17392
Ion	Ratio	Lower	Upper
41	100		
39	64.1	45.4	68.2
67	77.0	55.2	82.8
52	32.9	25.3	37.9

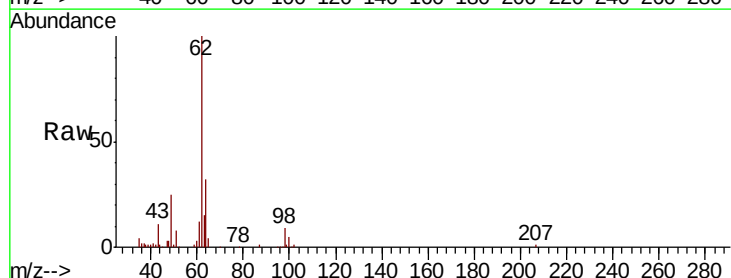


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

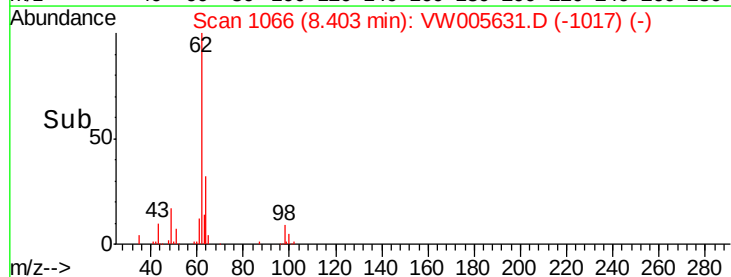
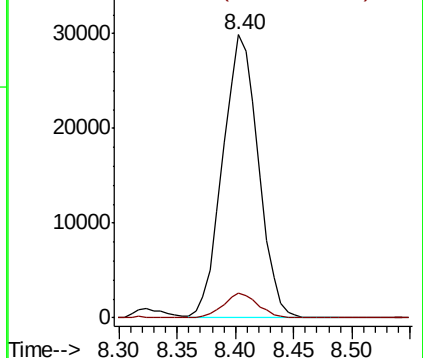


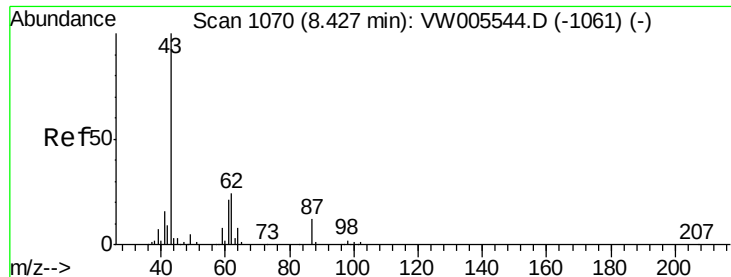
#42
1,2-Dichloroethane
Concen: 21.206 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion:	62	Resp:	63404
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 22.739 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

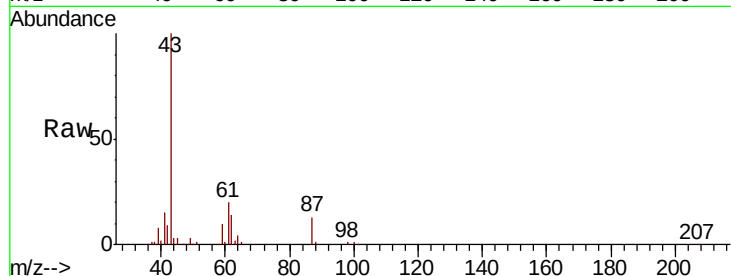
Tgt Ion: 43 Resp: 62012

Ion Ratio Lower Upper

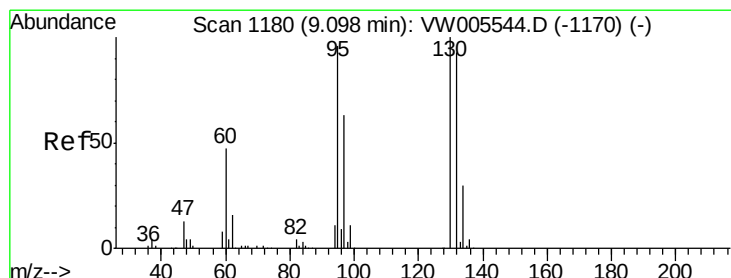
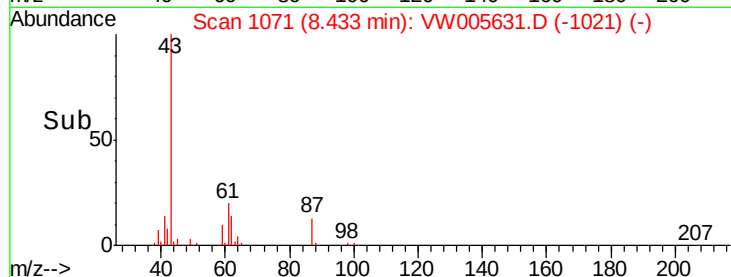
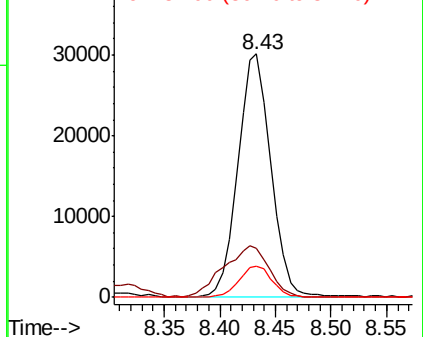
43 100

61 29.3 24.1 36.1

87 12.8 9.8 14.8



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



#44

Trichloroethene

Concen: 20.774 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005631.D

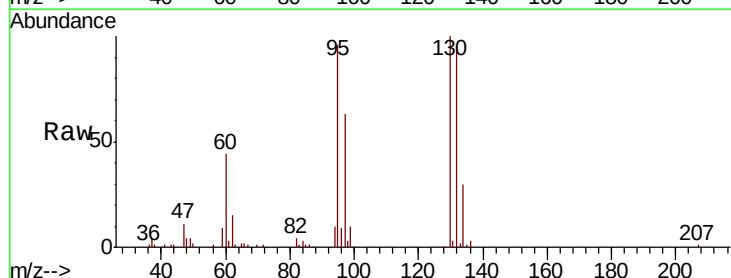
Acq: 26 Sep 2018 02:03

Tgt Ion: 130 Resp: 49658

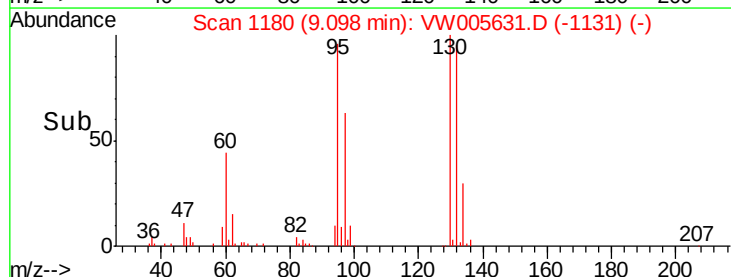
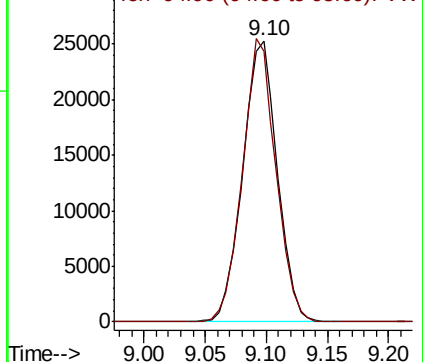
Ion Ratio Lower Upper

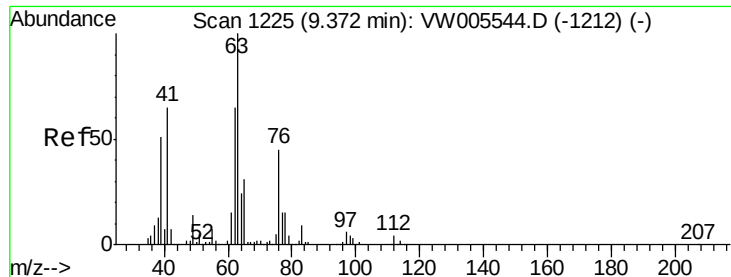
130 100

95 96.4 0.0 191.2



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

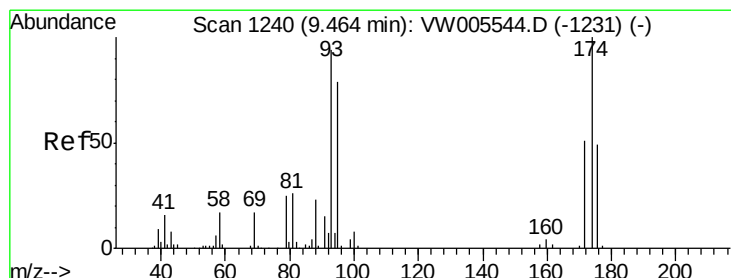
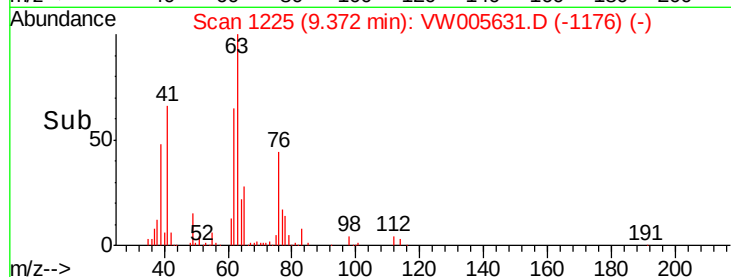
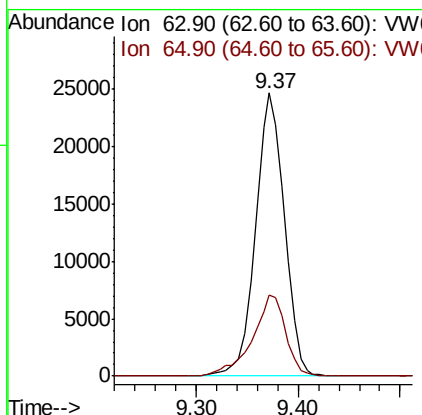
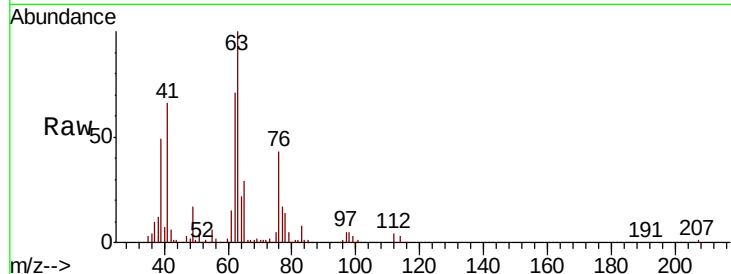




#45
 1,2-Dichloropropane
 Concen: 21.163 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

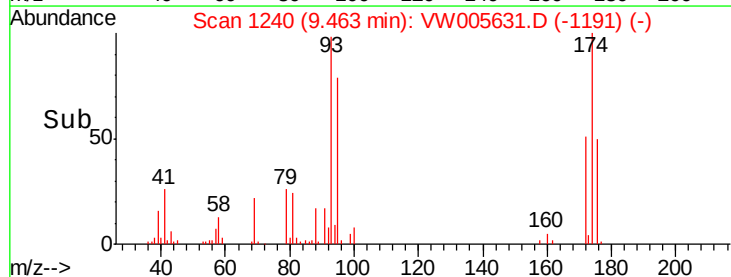
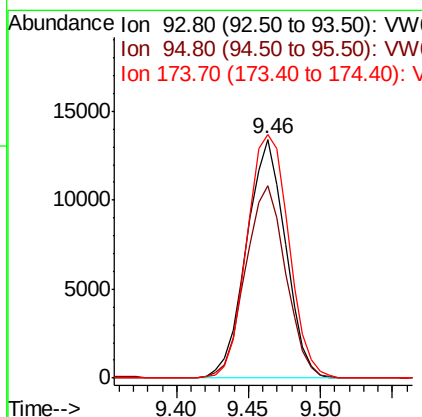
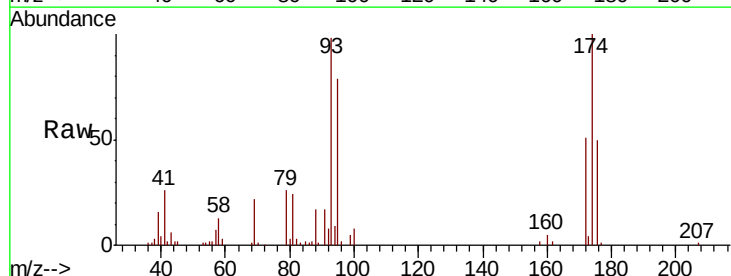
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

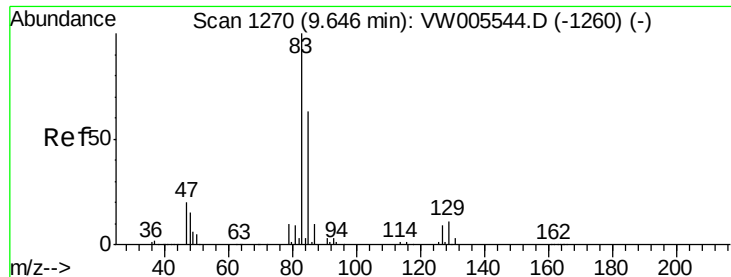
Tgt Ion: 63 Resp: 48622
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.7 37.1



#46
 Dibromomethane
 Concen: 21.909 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 93 Resp: 25151
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.8
 174 109.3 84.0 126.0

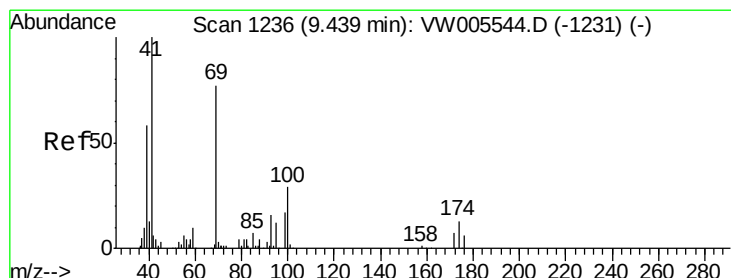
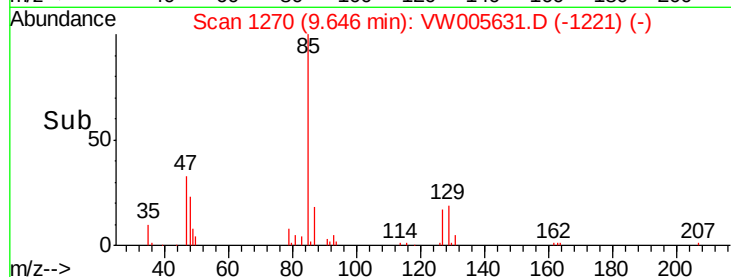
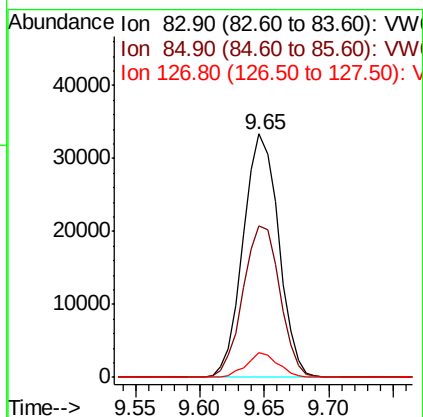
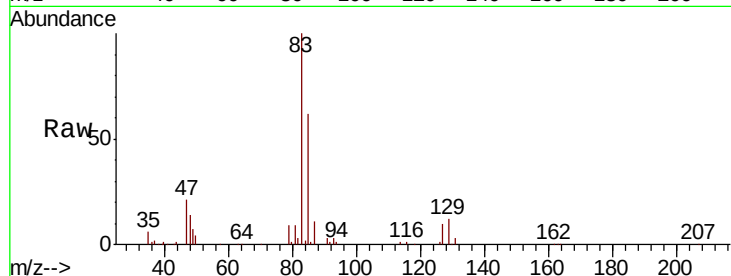




#47
 Bromodichloromethane
 Concen: 20.638 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

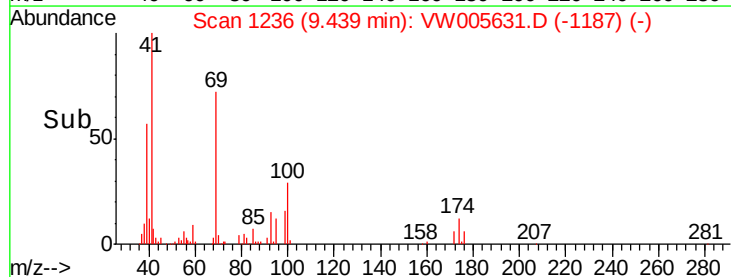
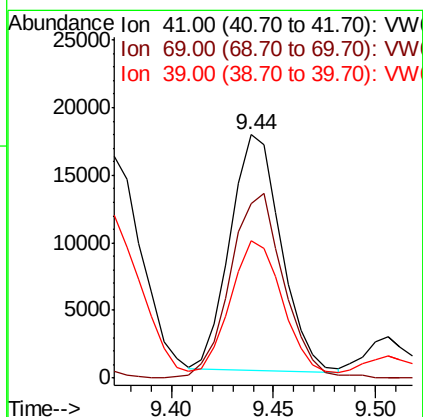
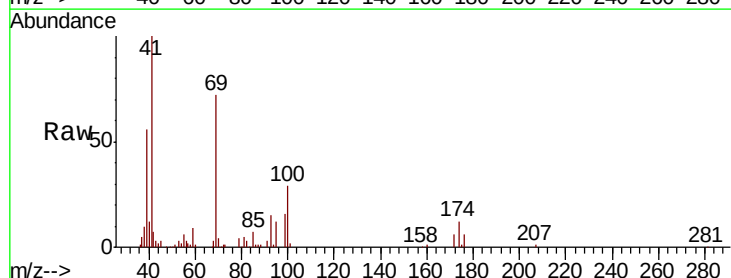
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

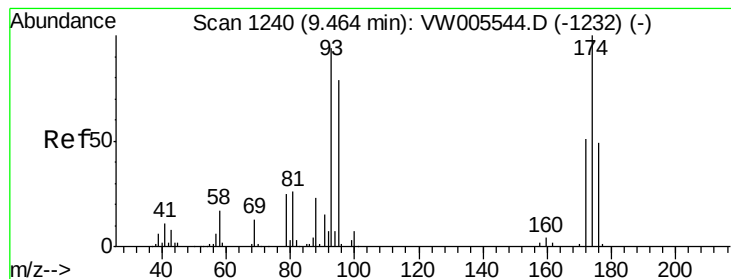
Tgt Ion: 83 Resp: 63643
 Ion Ratio Lower Upper
 83 100
 85 62.0 50.5 75.7
 127 10.3 7.0 10.6



#48
 Methyl methacrylate
 Concen: 23.342 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 41 Resp: 30234
 Ion Ratio Lower Upper
 41 100
 69 82.7 64.7 97.1
 39 57.1 50.5 75.7





#49

1,4-Dioxane

Concen: 495.535 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

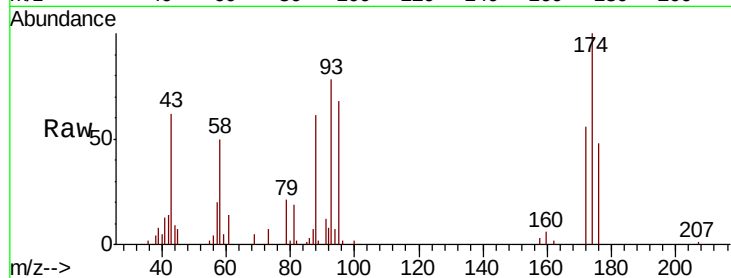
Tgt Ion: 88 Resp: 9044

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

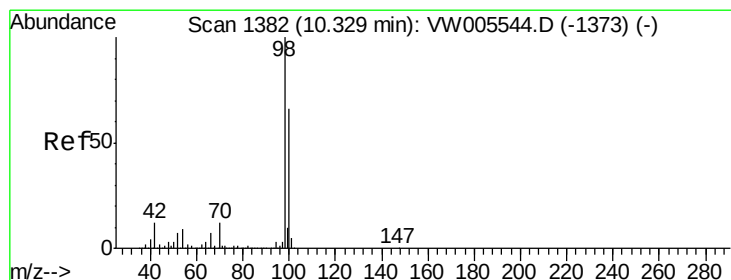
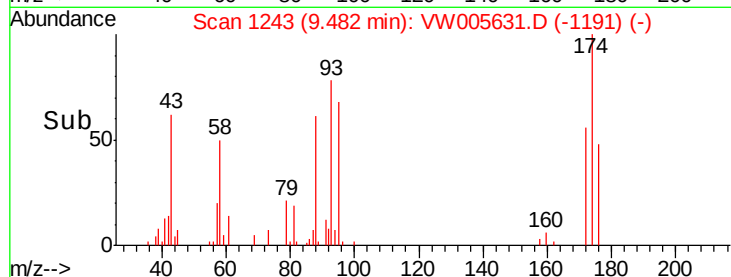
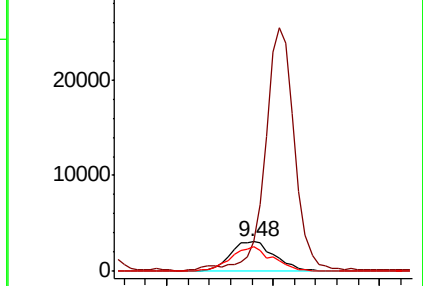
58 79.0 61.2 91.8



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: 54.964 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005631.D

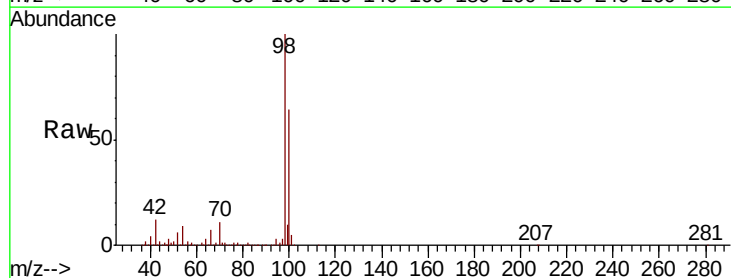
Acq: 26 Sep 2018 02:03

Tgt Ion: 98 Resp: 460810

Ion Ratio Lower Upper

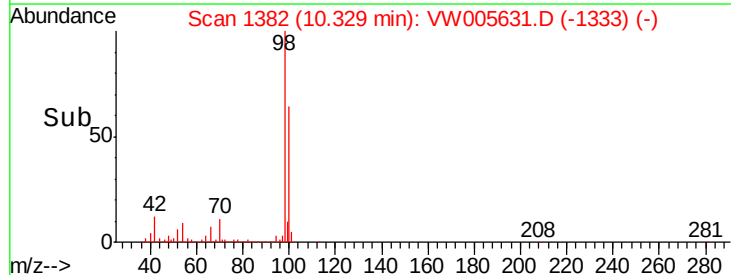
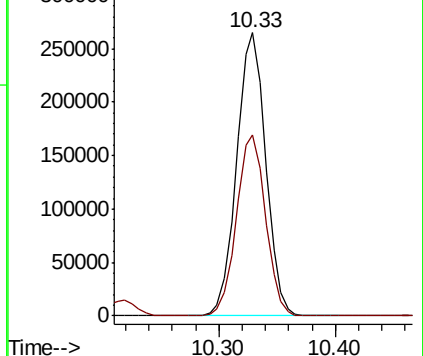
98 100

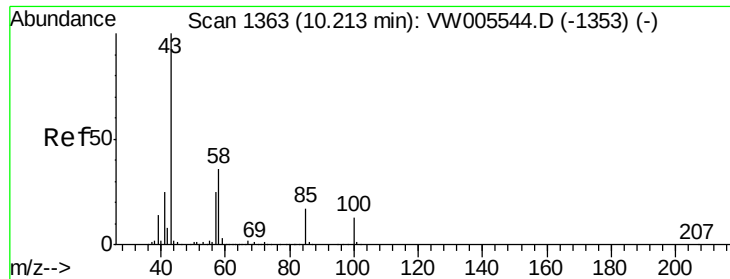
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

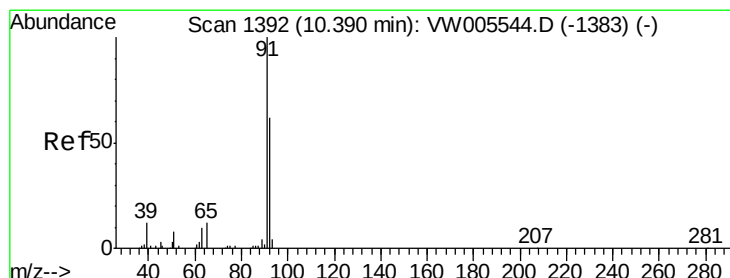
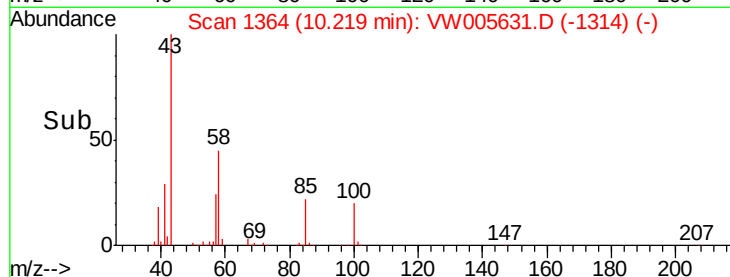
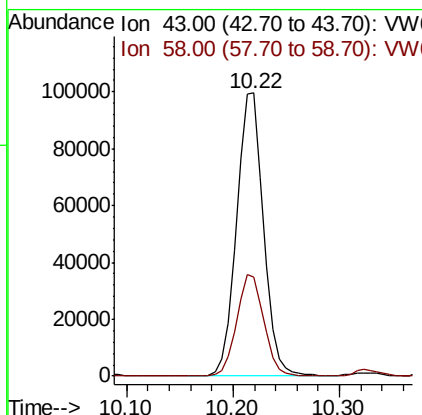
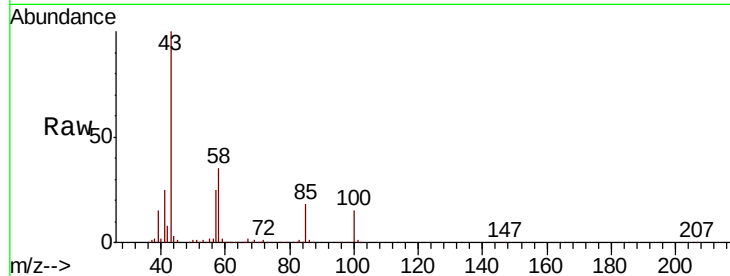




#51
 4-Methyl-2-Pentanone
 Concen: 128.973 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

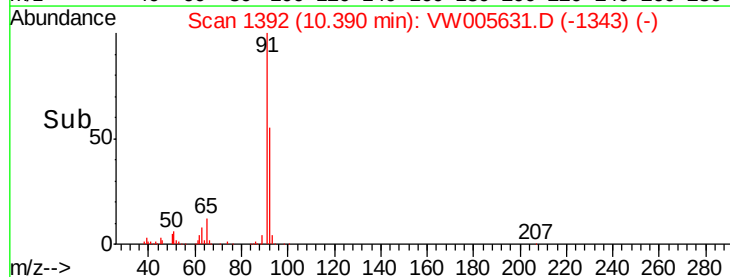
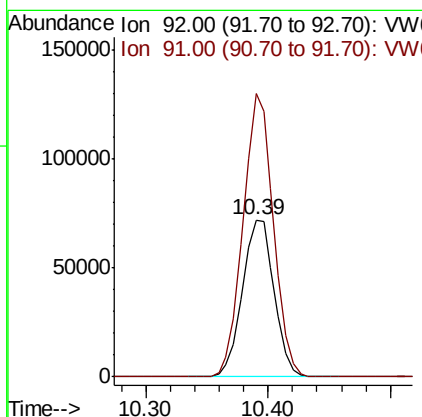
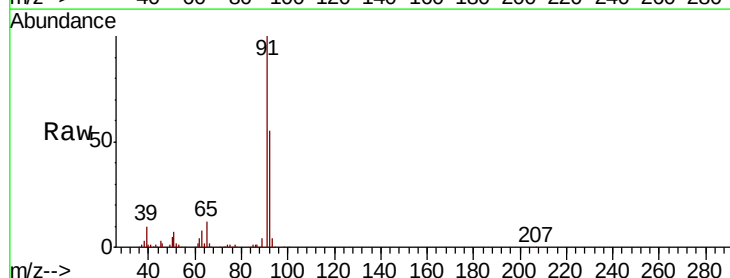
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

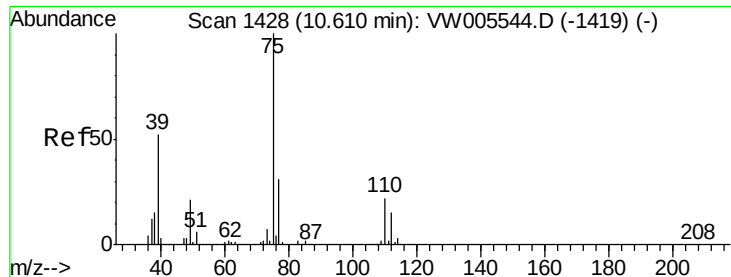
Tgt Ion: 43 Resp: 177146
 Ion Ratio Lower Upper
 43 100
 58 36.0 30.0 45.0



#52
 Toluene
 Concen: 22.192 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 92 Resp: 129310
 Ion Ratio Lower Upper
 92 100
 91 172.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 21.999 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

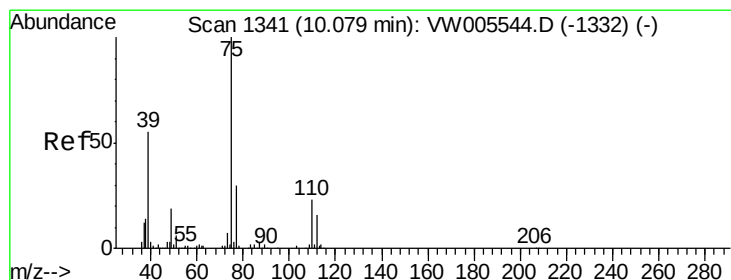
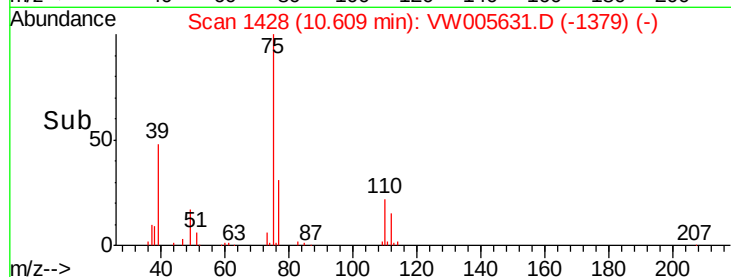
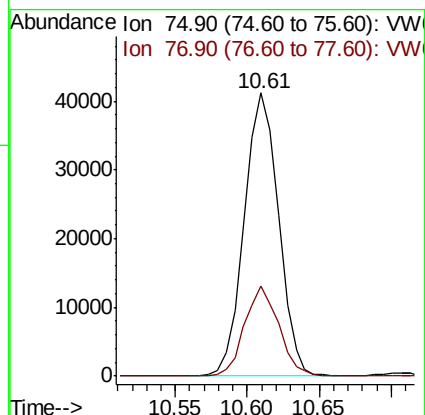
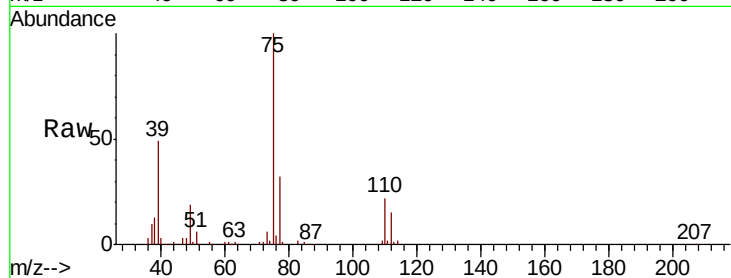
VW0925SBSD02

Tgt Ion: 75 Resp: 68008

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 21.786 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

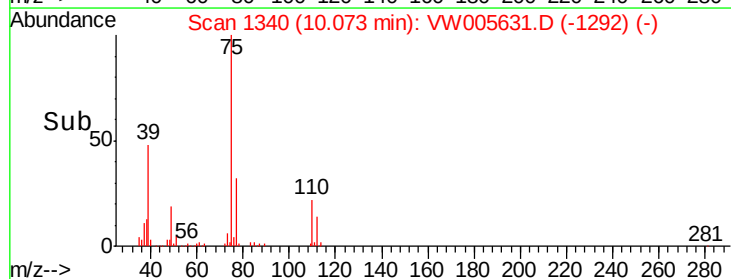
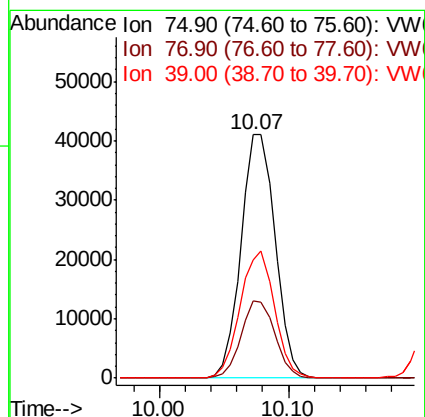
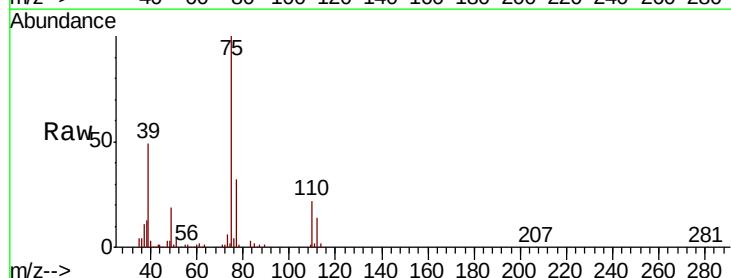
Tgt Ion: 75 Resp: 75461

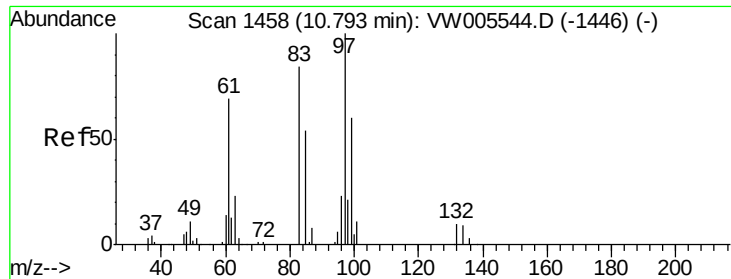
Ion Ratio Lower Upper

75 100

77 31.9 24.3 36.5

39 48.8 43.7 65.5

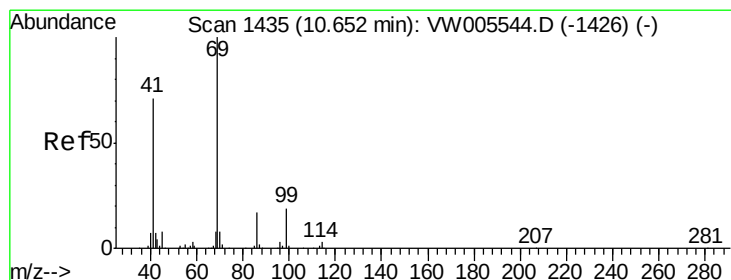
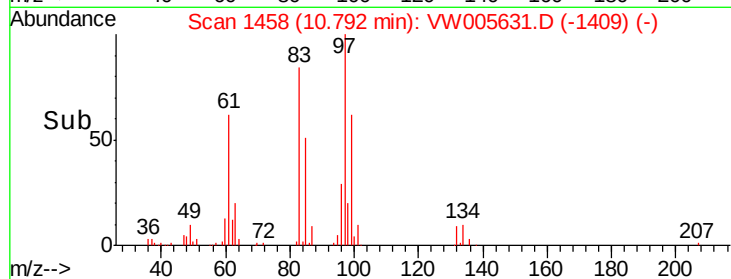
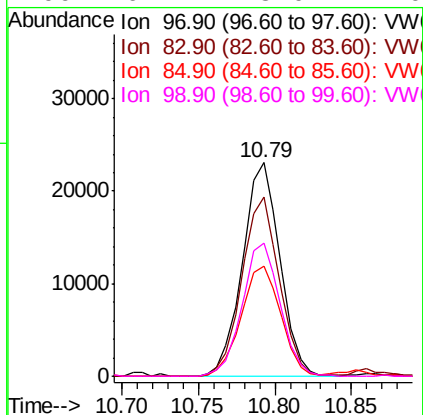
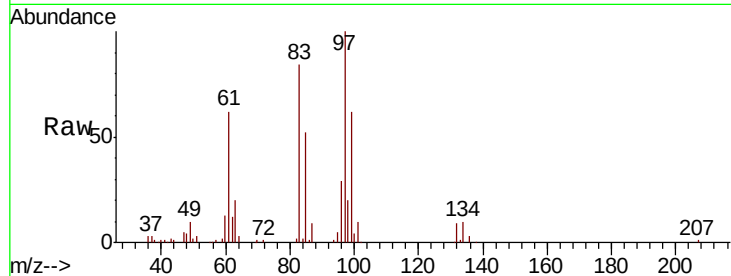




#55
 1,1,2-Trichloroethane
 Concen: 24.109 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

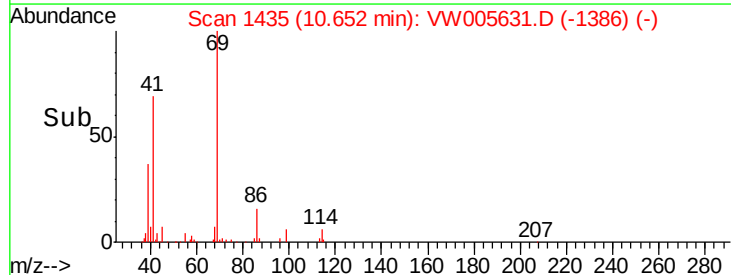
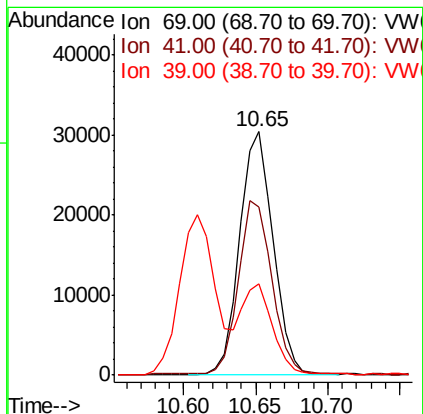
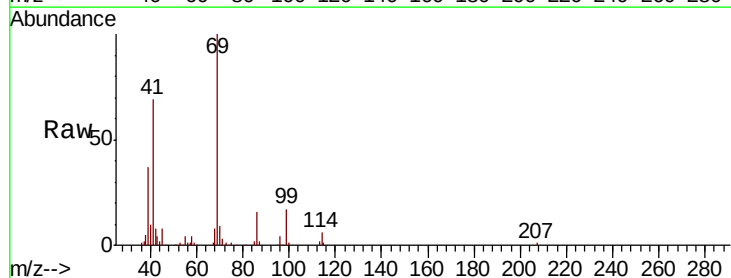
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

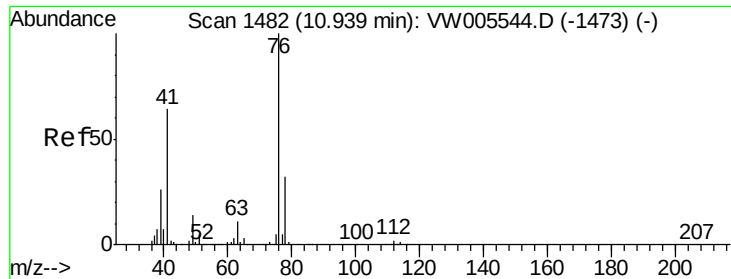
Tgt Ion:	97	Resp:	39286
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.2
85	51.7	43.3	64.9
99	62.2	48.0	72.0



#56
 Ethyl methacrylate
 Concen: 24.436 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion:	69	Resp:	49154
Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.3	85.9
39	33.4	29.2	43.8

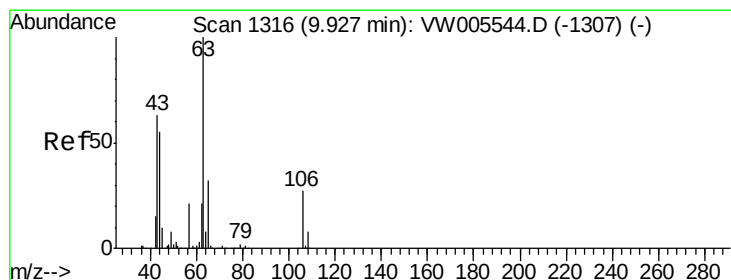
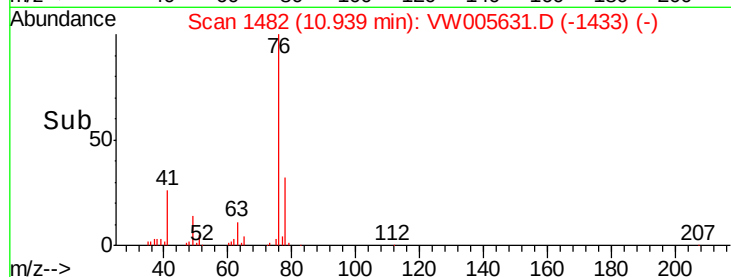
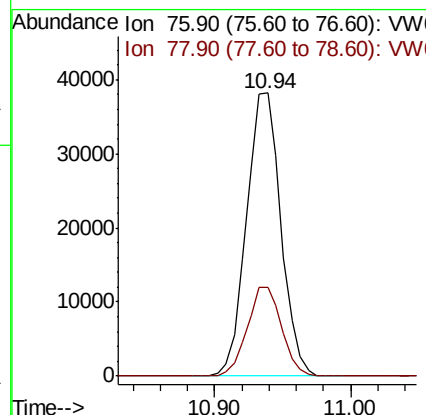
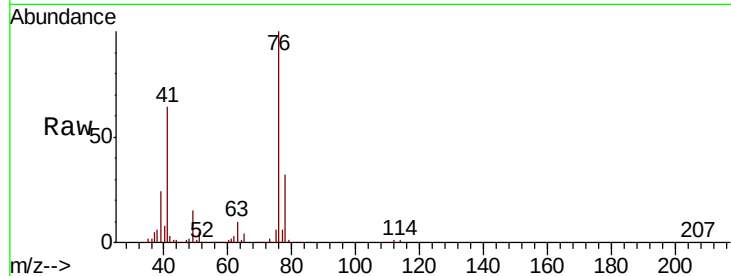




#57
 1,3-Dichloropropane
 Concen: 23.438 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

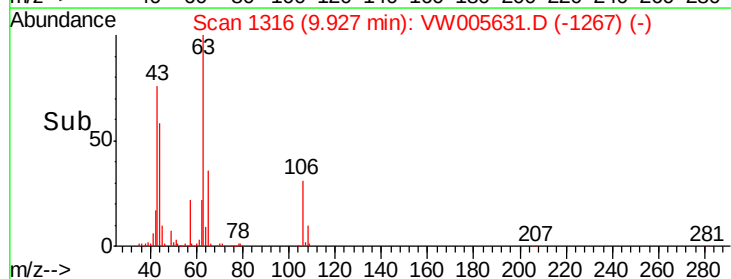
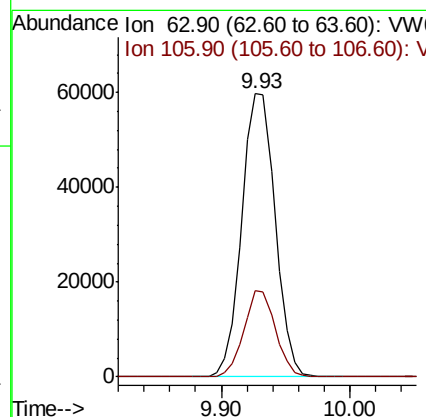
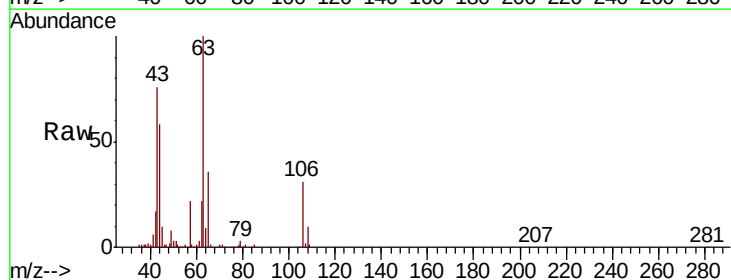
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

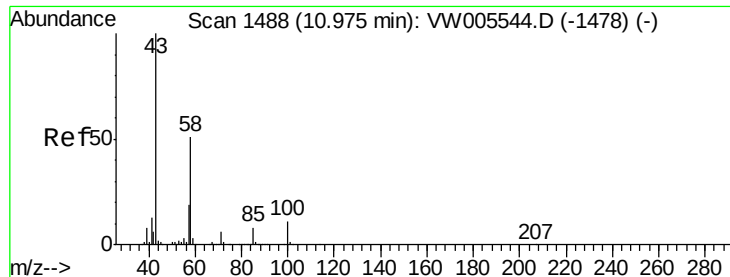
Tgt Ion: 76 Resp: 67690
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.439 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 63 Resp: 107086
 Ion Ratio Lower Upper
 63 100
 106 28.7 21.6 32.4

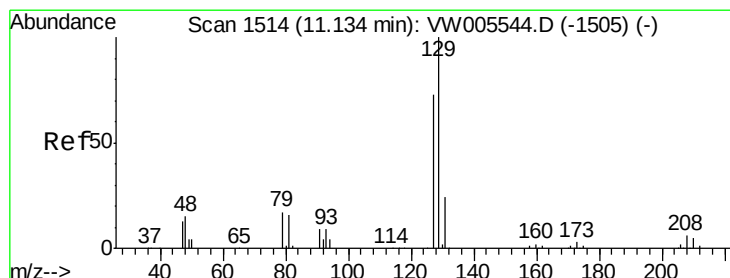
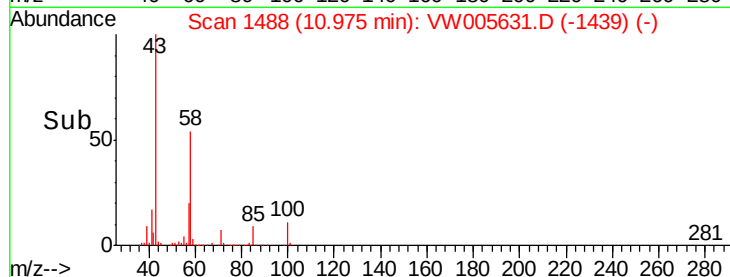
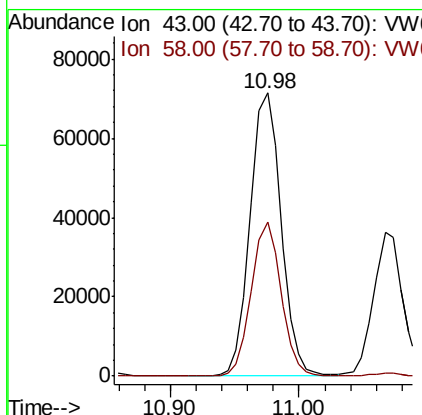
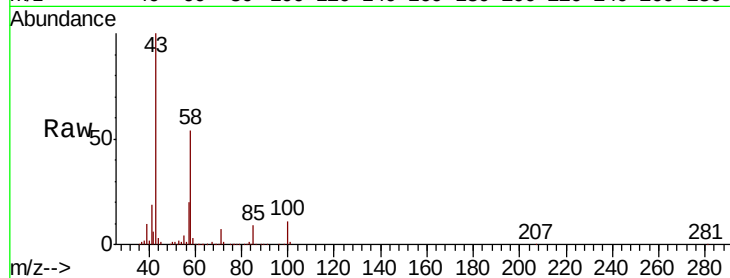




#59
2-Hexanone
Concen: 127.388 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

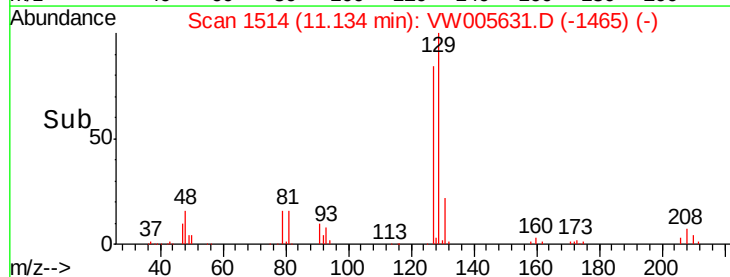
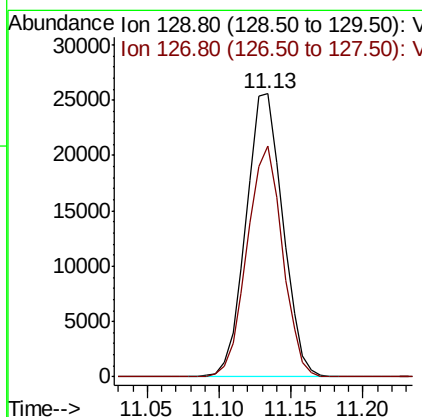
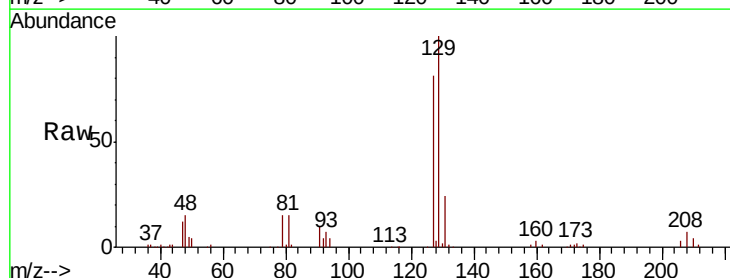
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

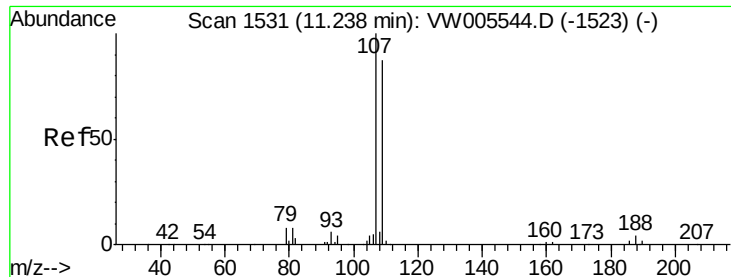
Tgt Ion: 43 Resp: 118861
Ion Ratio Lower Upper
43 100
58 52.3 25.3 75.9



#60
Dibromochloromethane
Concen: 22.937 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion: 129 Resp: 45160
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

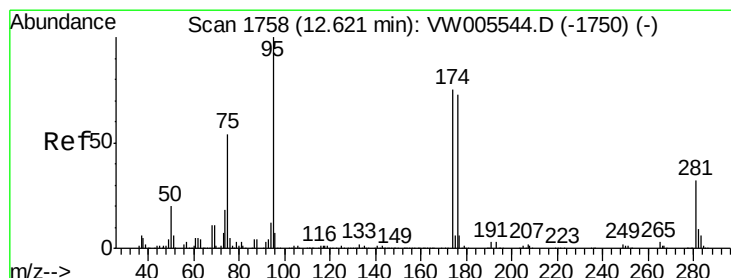
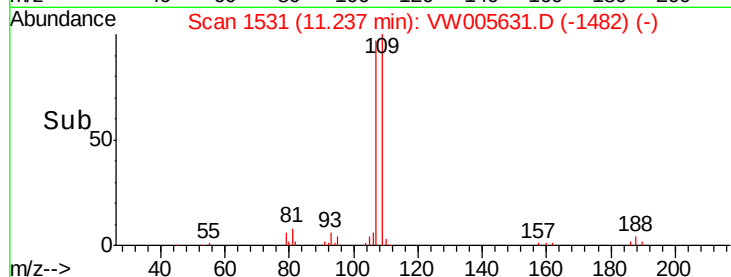
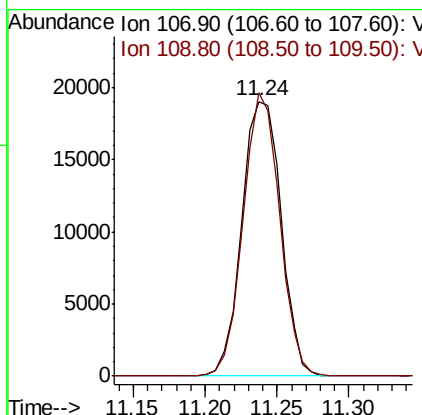
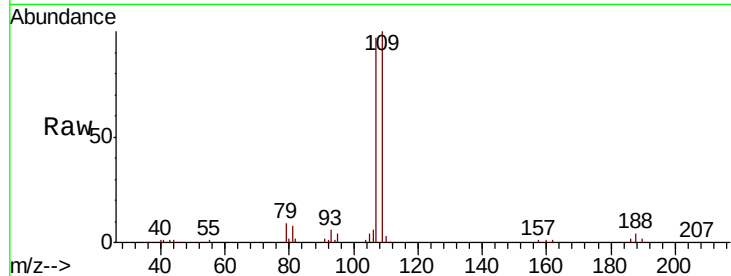




#61
 1,2-Dibromoethane
 Concen: 23.647 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

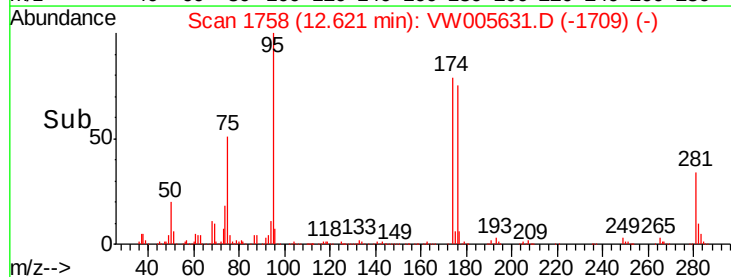
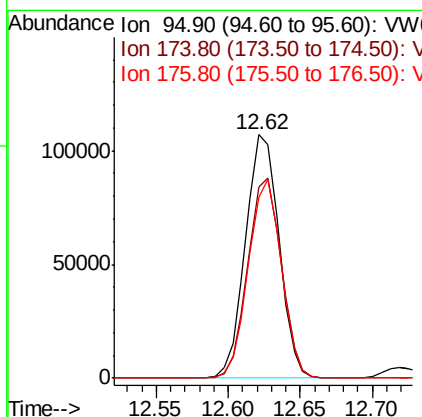
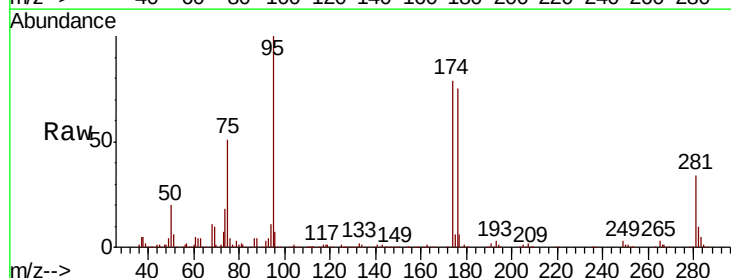
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

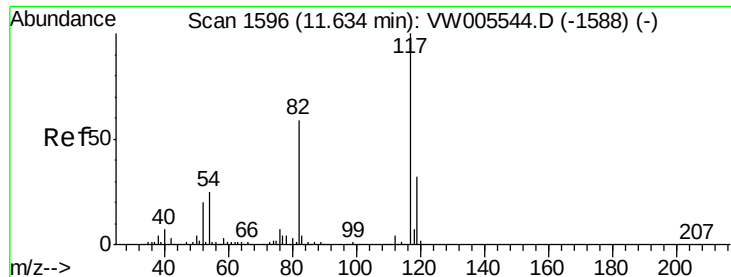
Tgt Ion: 107 Resp: 35927
 Ion Ratio Lower Upper
 107 100
 109 95.7 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 55.580 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 95 Resp: 172422
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 163.8
 176 80.2 0.0 158.0

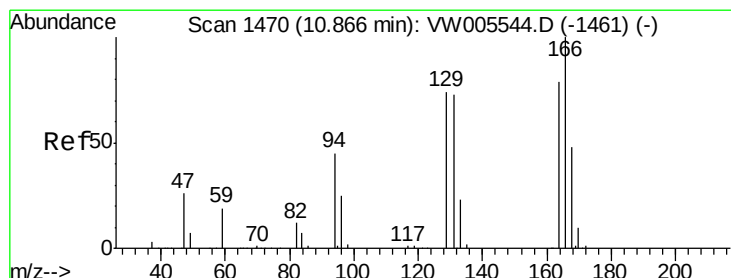
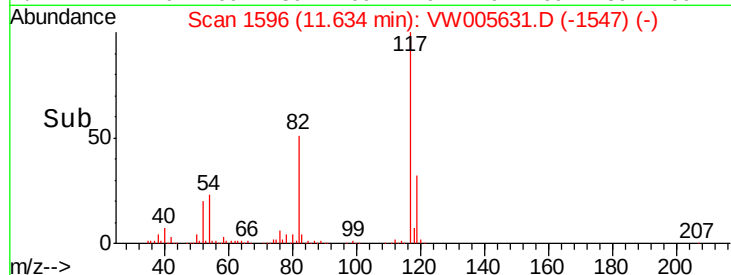
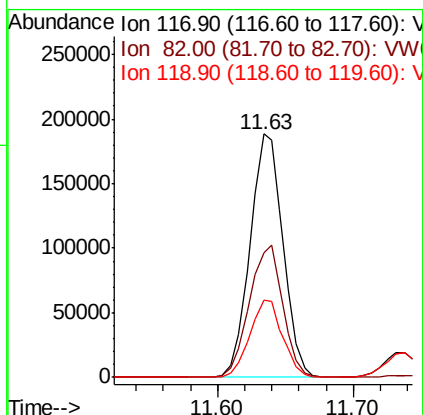
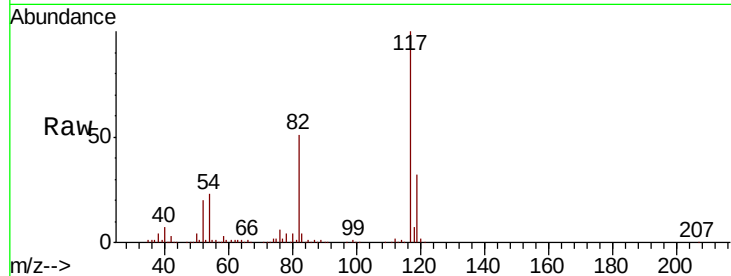




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

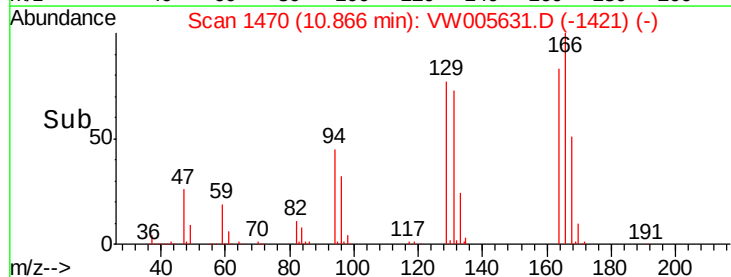
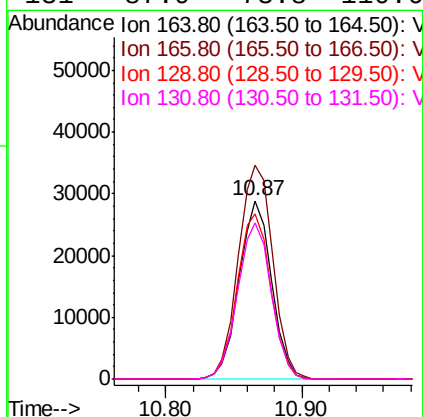
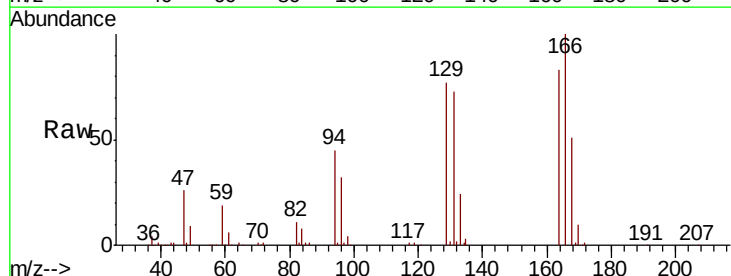
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

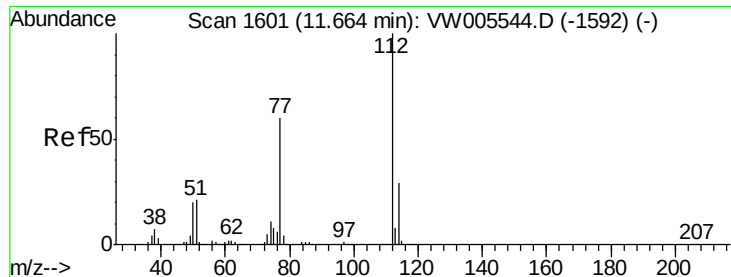
Tgt Ion:117 Resp: 319630
Ion Ratio Lower Upper
117 100
82 51.0 46.9 70.3
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 21.260 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion:164 Resp: 48229
Ion Ratio Lower Upper
164 100
166 120.0 101.1 151.7
129 92.9 74.4 111.6
131 87.9 73.8 110.6

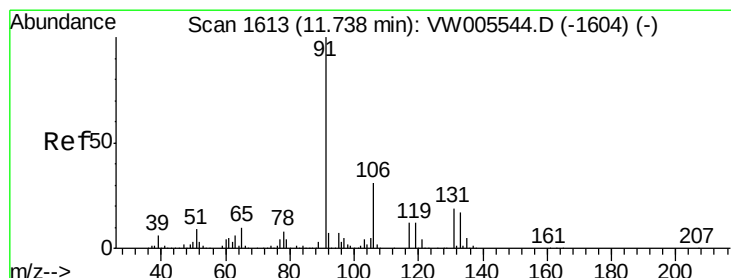
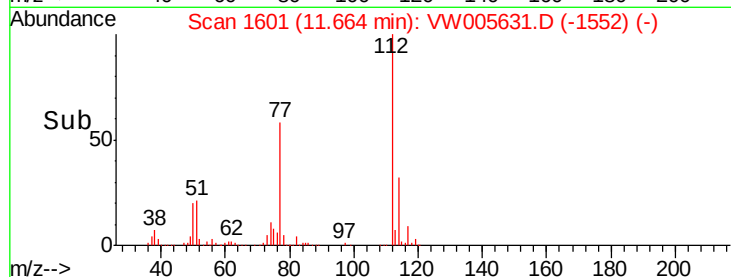
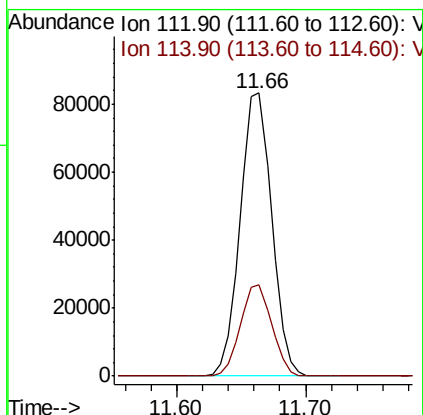
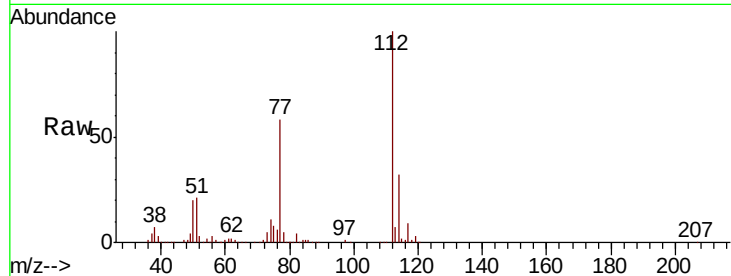




#65
Chlorobenzene
Concen: 20.814 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

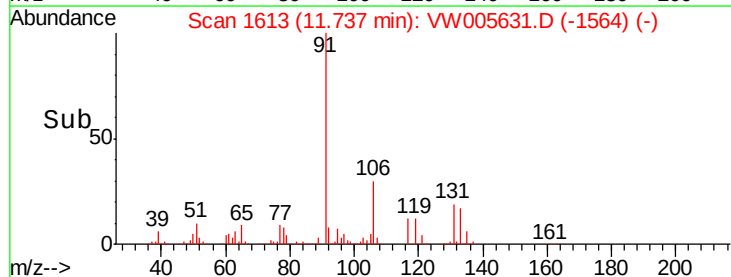
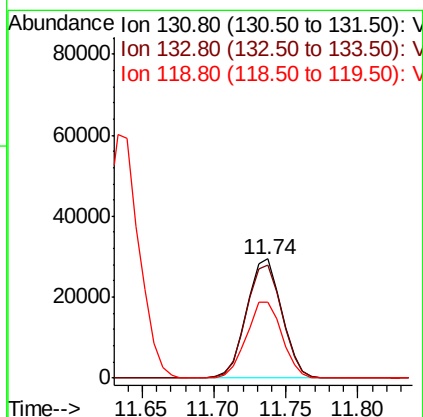
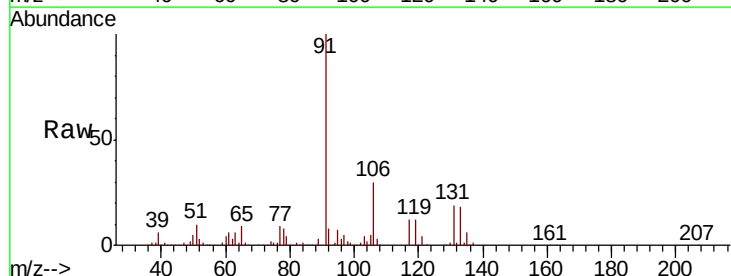
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

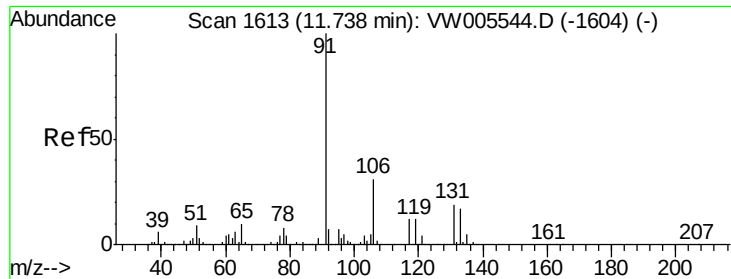
Tgt Ion:112 Resp: 141228
Ion Ratio Lower Upper
112 100
114 32.4 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.469 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion:131 Resp: 49988
Ion Ratio Lower Upper
131 100
133 96.4 47.2 141.6
119 64.0 31.1 93.2

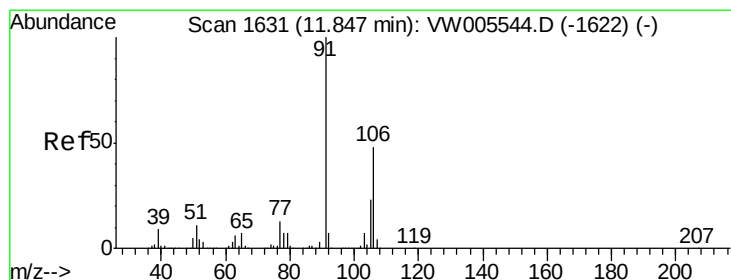
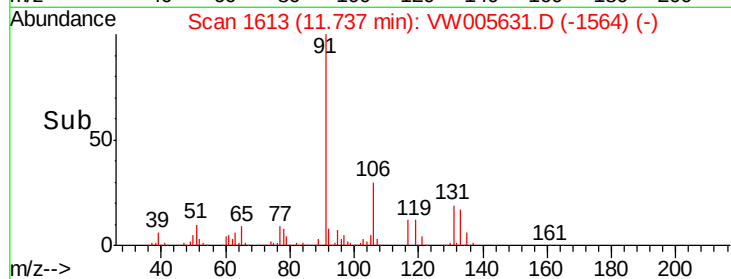
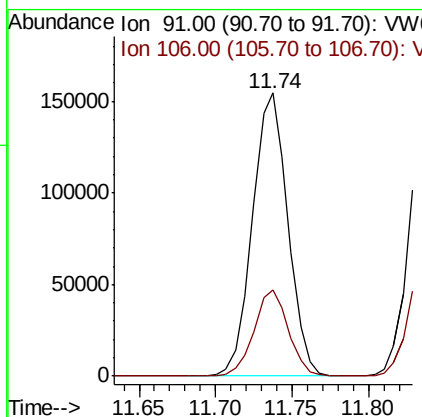
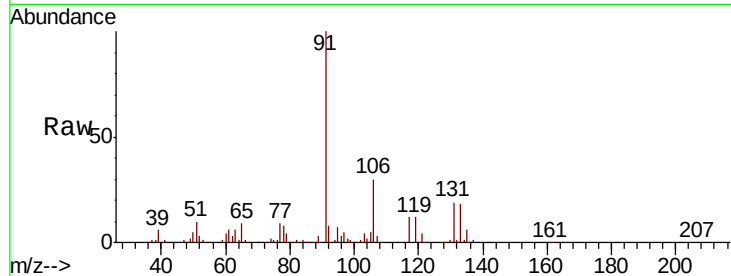




#67
Ethyl Benzene
Concen: 20.603 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

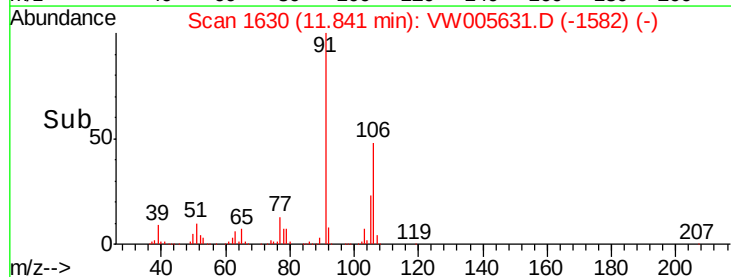
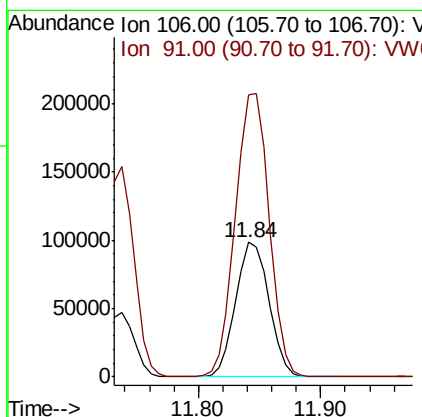
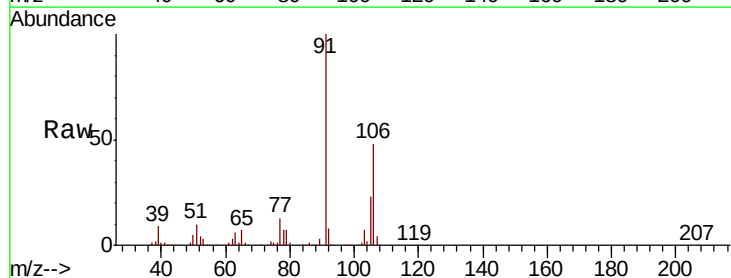
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

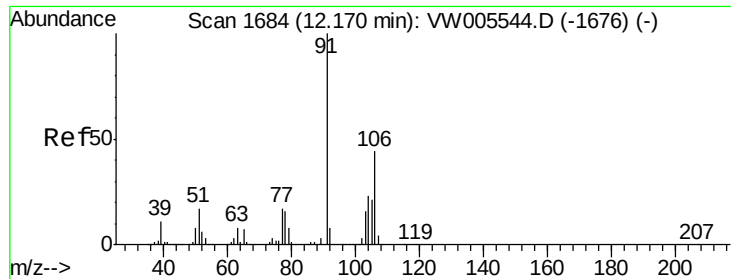
Tgt Ion: 91 Resp: 248147
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 41.040 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion: 106 Resp: 186745
Ion Ratio Lower Upper
106 100
91 213.1 167.8 251.8

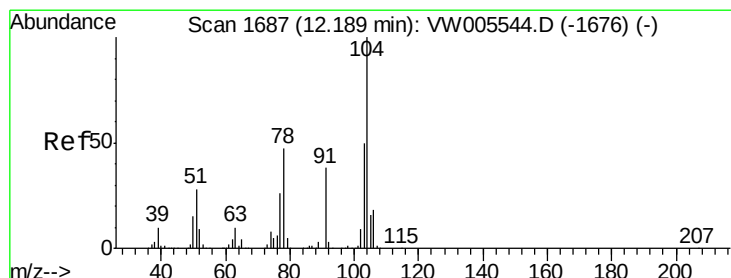
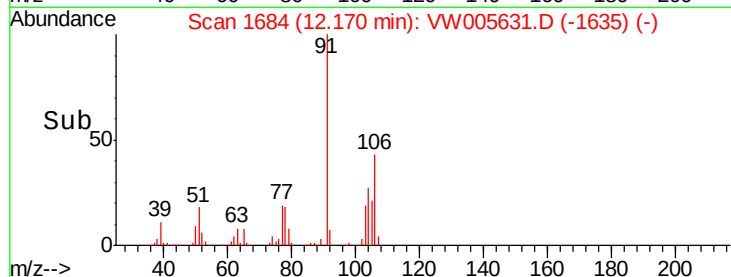
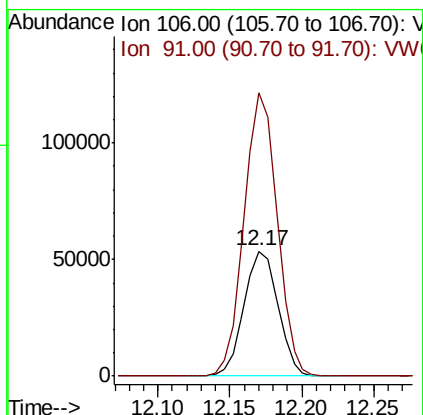
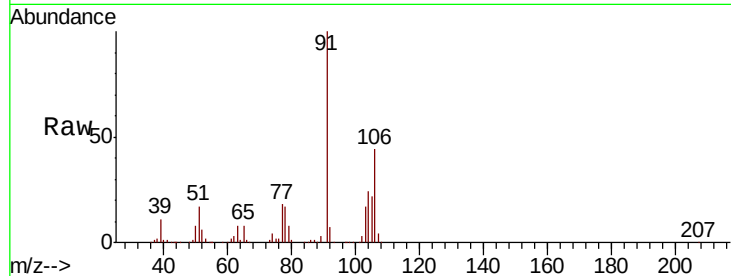




#69
o-Xylene
Concen: 20.565 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

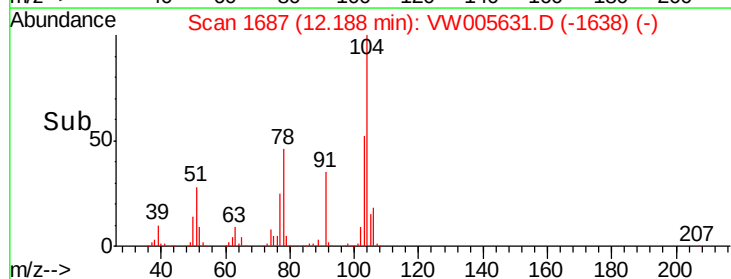
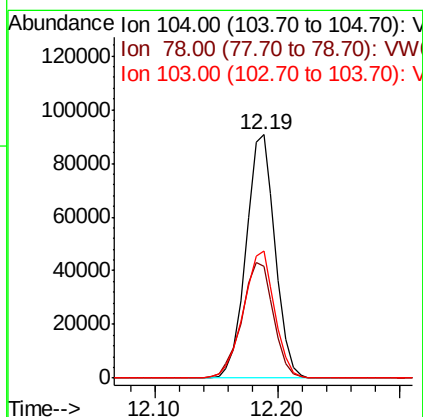
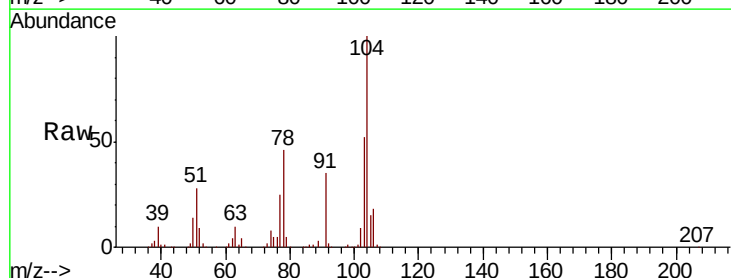
Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

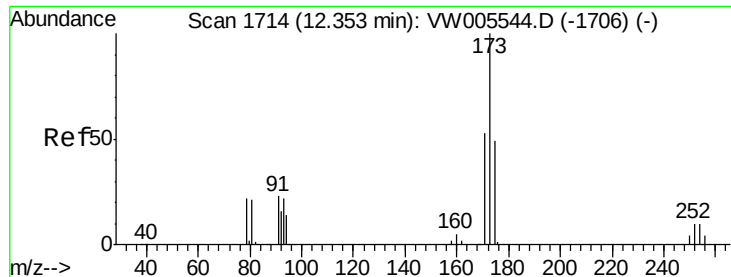
Tgt Ion:106 Resp: 87639
Ion Ratio Lower Upper
106 100
91 220.9 111.0 333.0



#70
Styrene
Concen: 20.799 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion:104 Resp: 149165
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.4
103 56.2 44.6 66.8





#71

Bromoform

Concen: 23.074 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

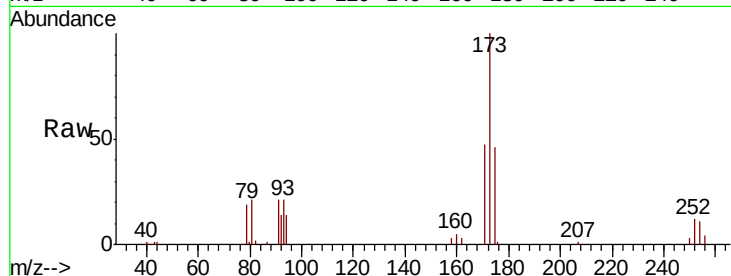
Tgt Ion:173 Resp: 29911

Ion Ratio Lower Upper

173 100

175 46.3 24.3 72.9

254 0.0 0.1 0.1#

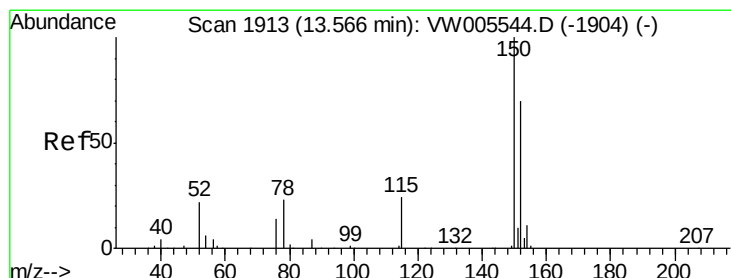
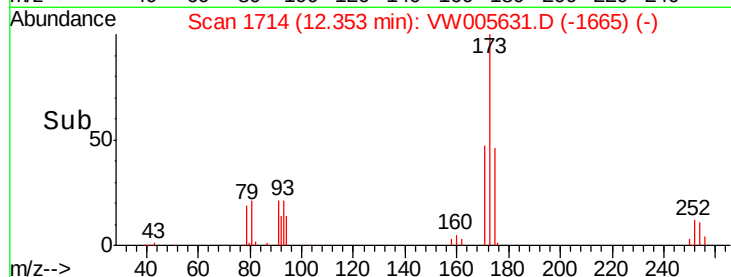
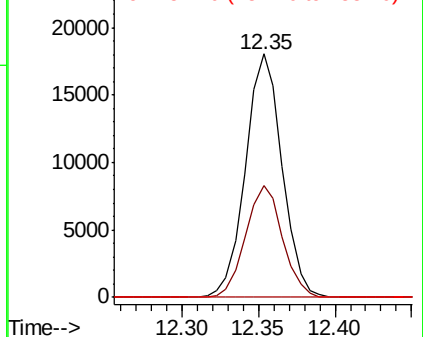


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

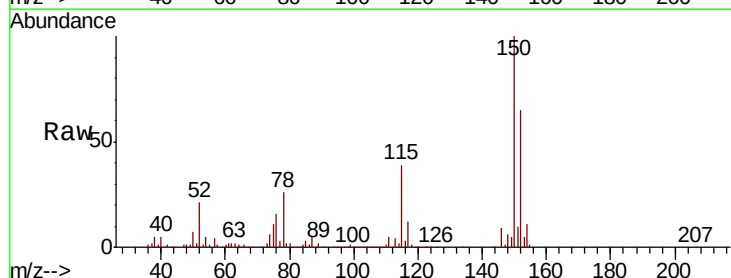
Tgt Ion:152 Resp: 171673

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 161.5 0.0 348.6

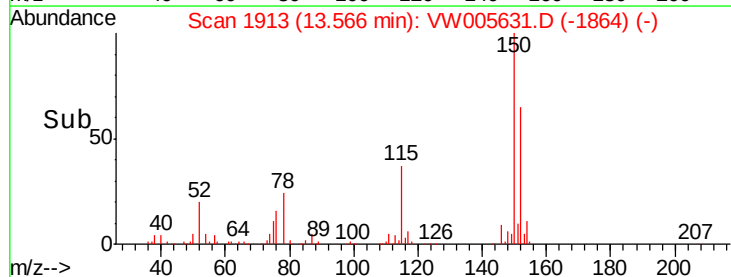
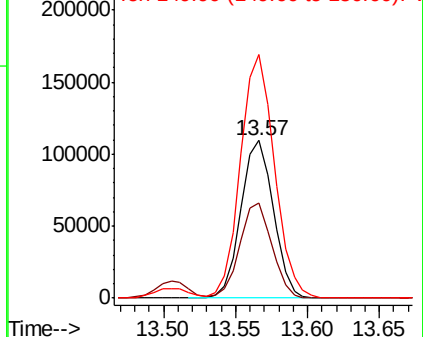


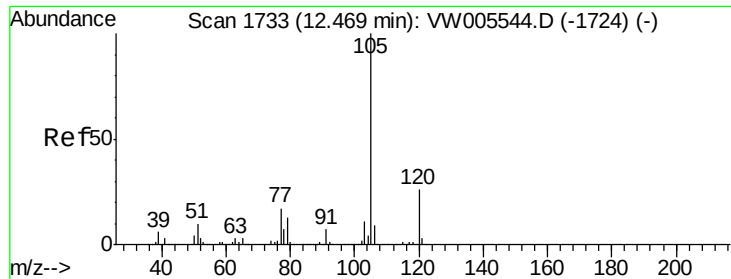
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.168 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

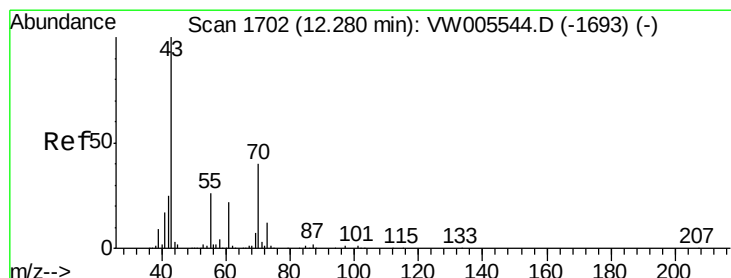
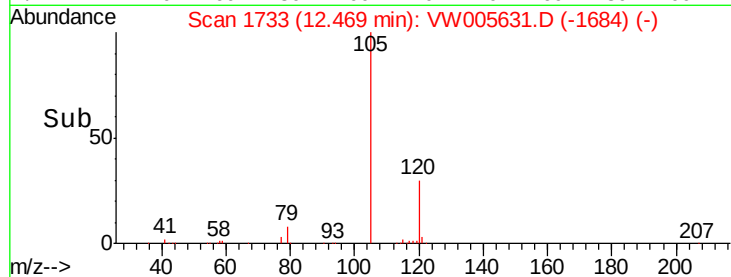
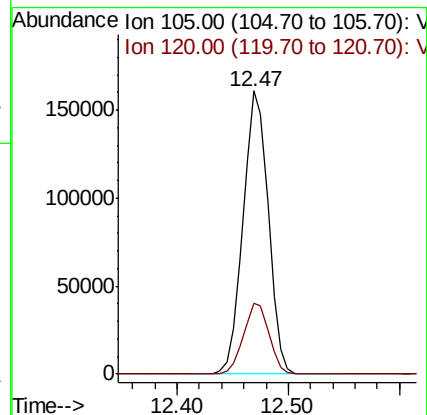
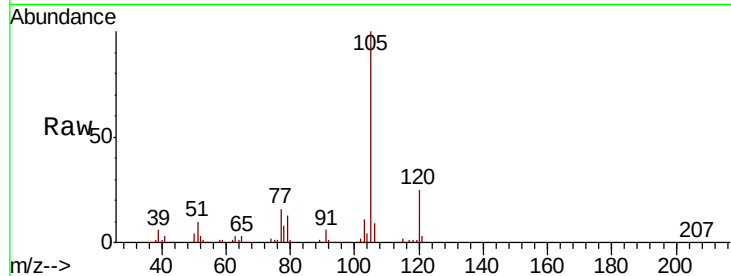
VW0925SBSD02

Tgt Ion:105 Resp: 252009

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



#74

N-ethyl acetate

Concen: 23.632 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Tgt Ion: 43 Resp: 63707

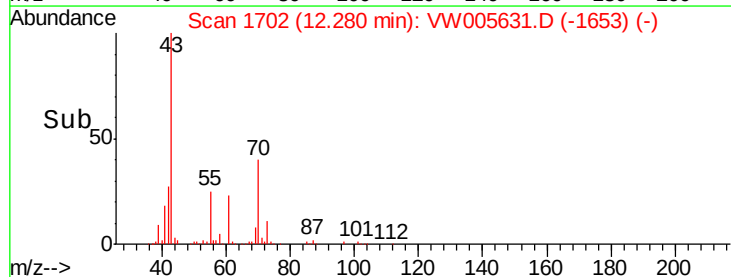
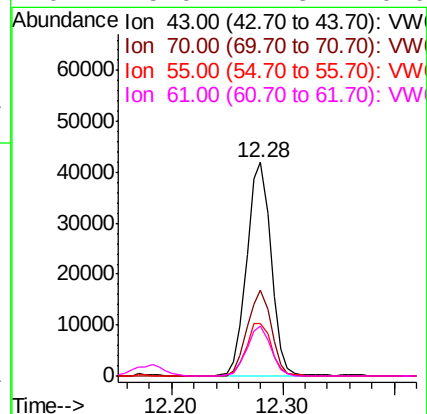
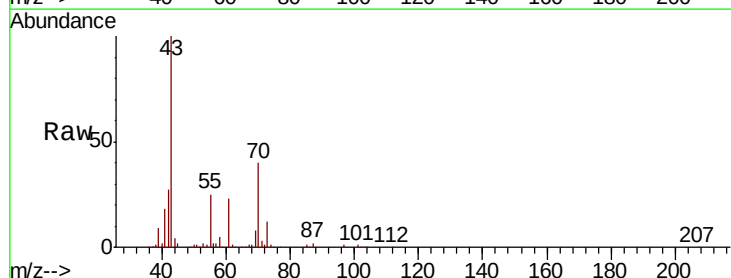
Ion Ratio Lower Upper

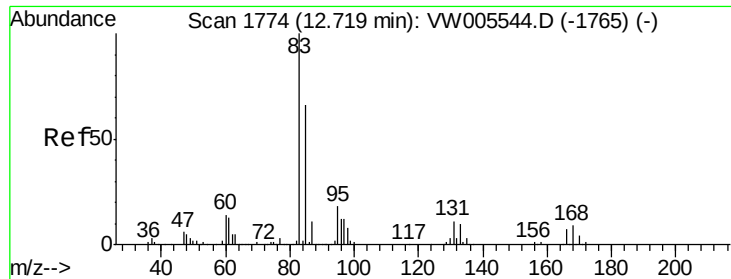
43 100

70 39.6 31.4 47.0

55 25.9 20.9 31.3

61 23.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 23.854 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

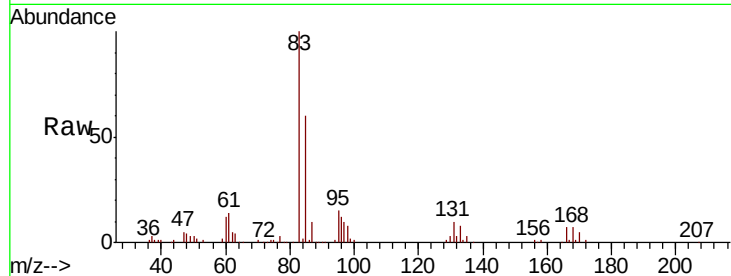
Tgt Ion: 83 Resp: 47170

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.7

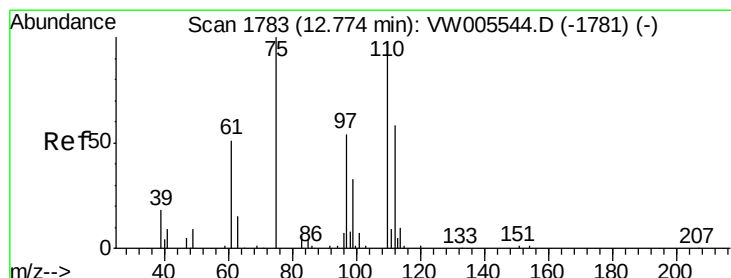
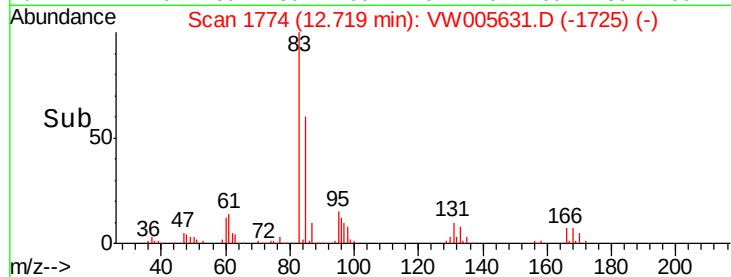
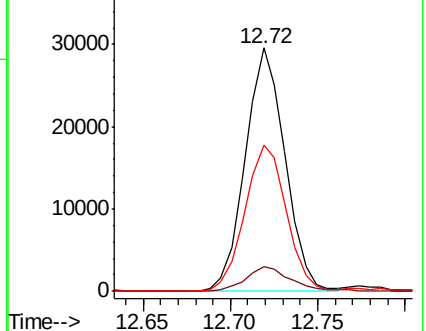
85 62.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 43.079 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005631.D

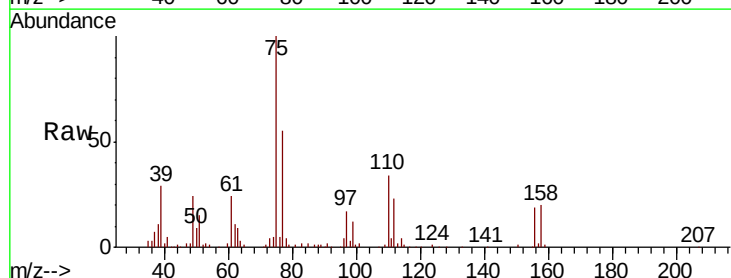
Acq: 26 Sep 2018 02:03

Tgt Ion: 75 Resp: 63042

Ion Ratio Lower Upper

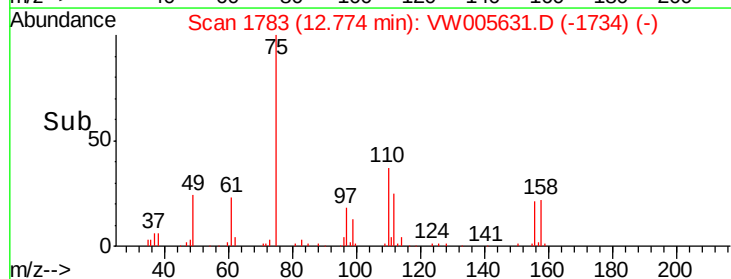
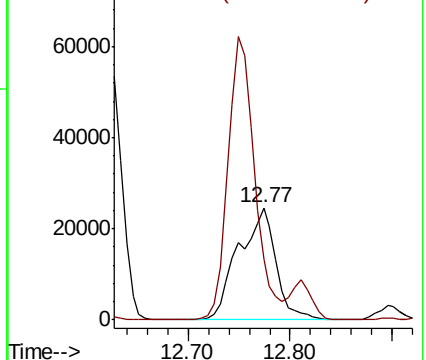
75 100

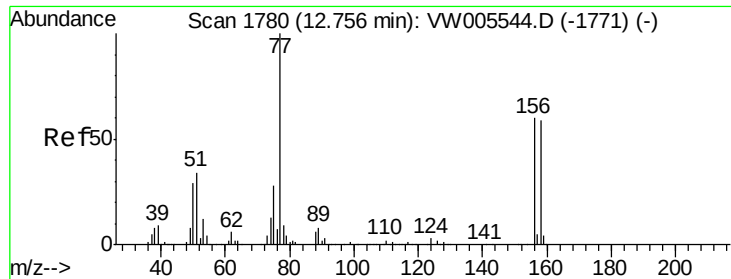
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.220 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

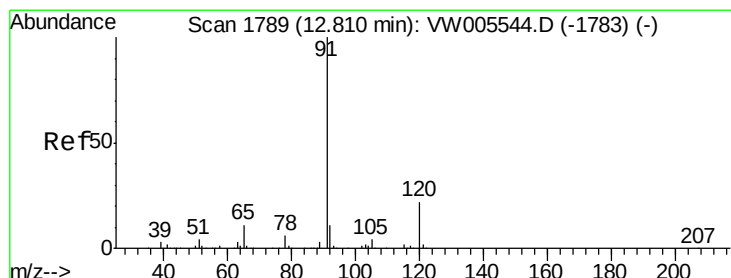
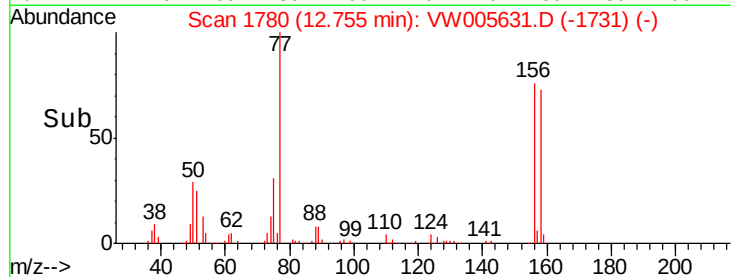
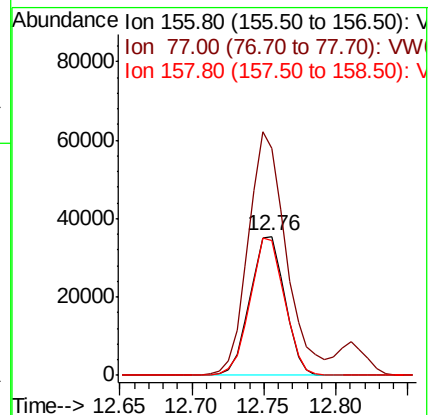
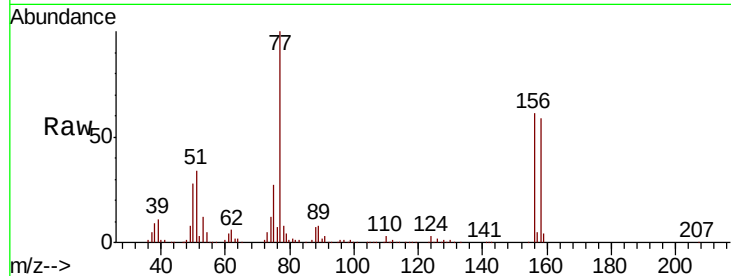
Tgt Ion:156 Resp: 59210

Ion Ratio Lower Upper

156 100

77 190.3 94.7 284.1

158 97.2 48.0 144.2



#78

n-propylbenzene

Concen: 21.218 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005631.D

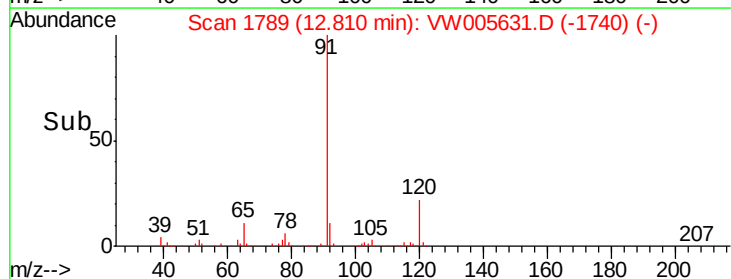
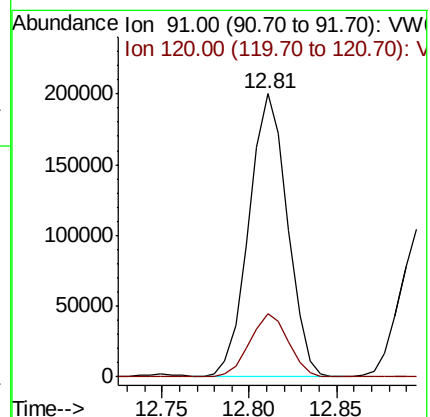
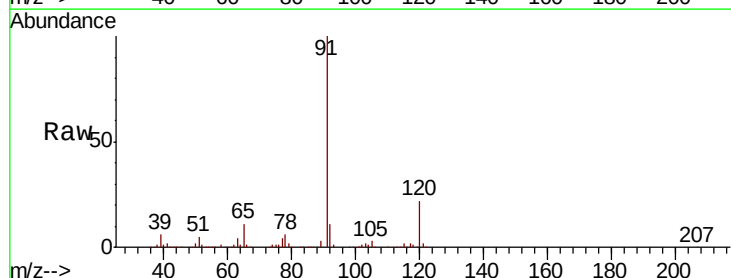
Acq: 26 Sep 2018 02:03

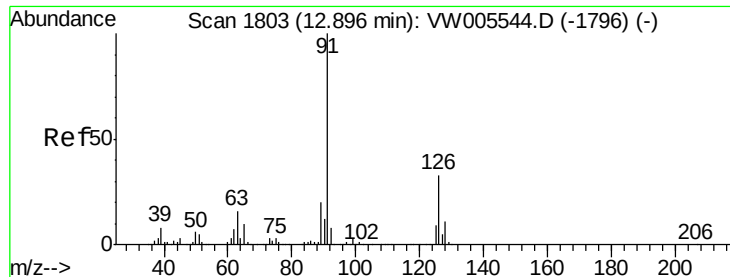
Tgt Ion: 91 Resp: 305822

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5





#79

2-Chlorotoluene

Concen: 20.932 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

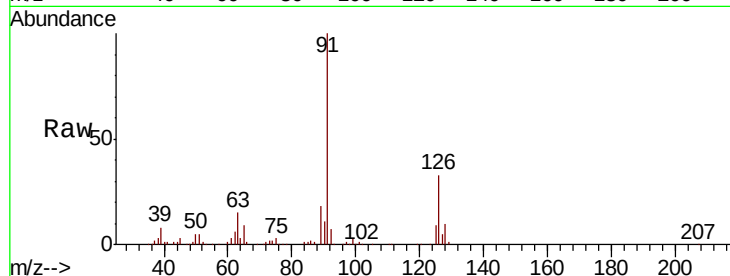
VW0925SBSD02

Tgt Ion: 91 Resp: 174548

Ion Ratio Lower Upper

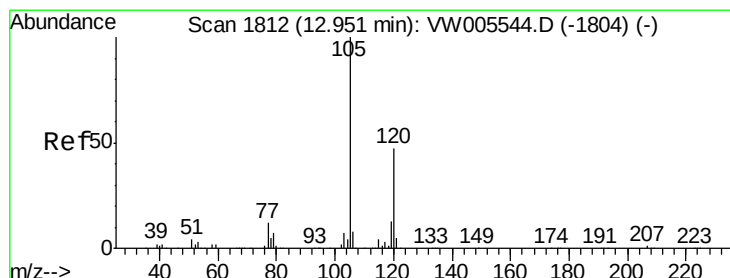
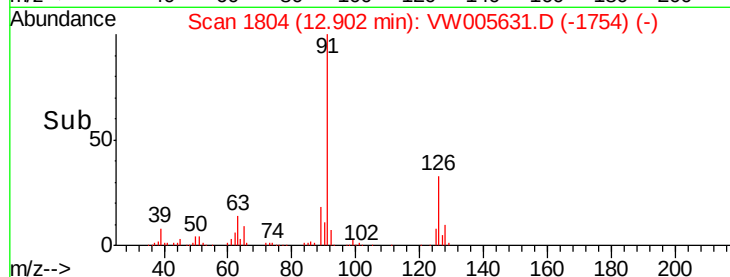
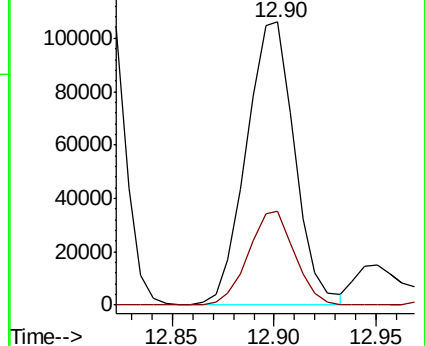
91 100

126 32.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.422 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005631.D

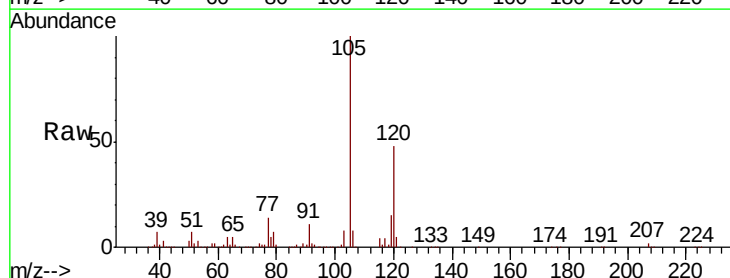
Acq: 26 Sep 2018 02:03

Tgt Ion: 105 Resp: 211407

Ion Ratio Lower Upper

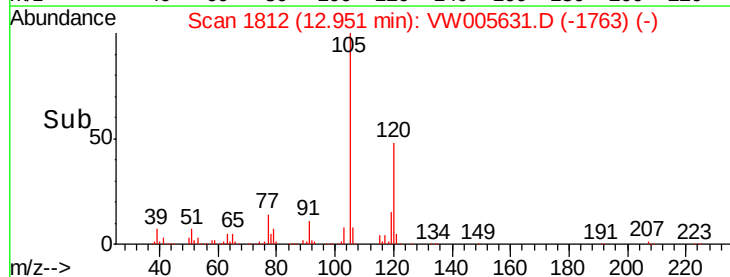
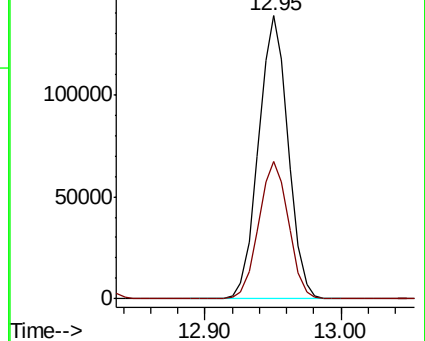
105 100

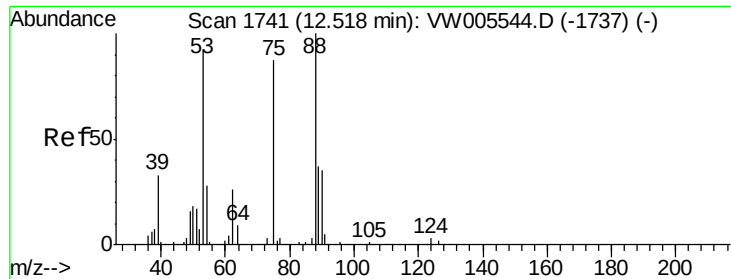
120 49.0 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

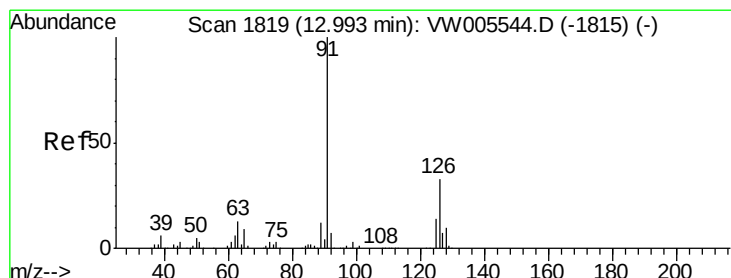
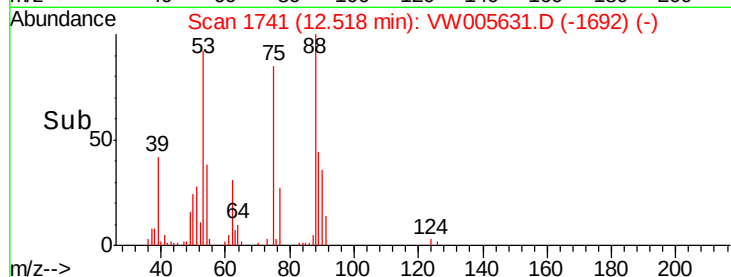
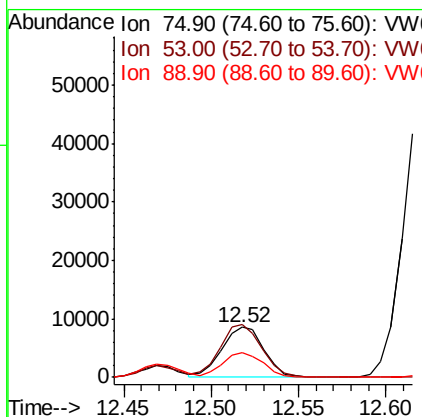
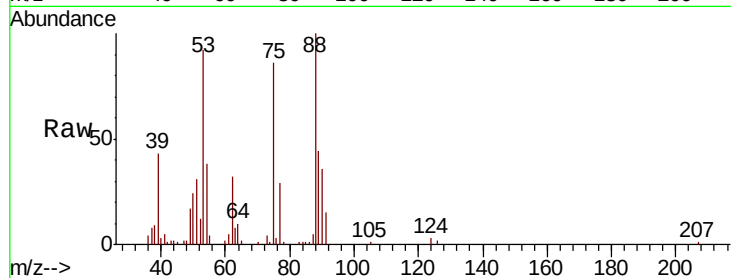




#81
 trans-1,4-Dichloro-2-butene
 Concen: 22.394 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

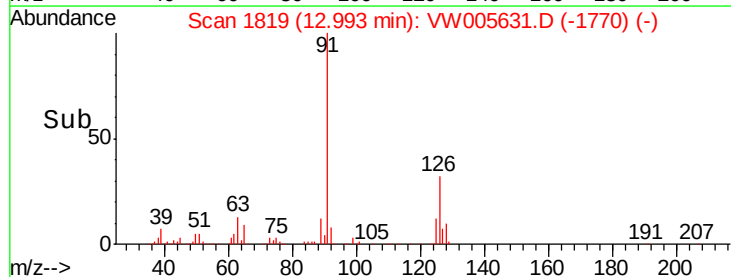
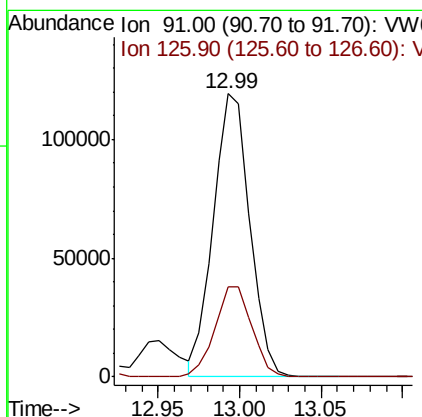
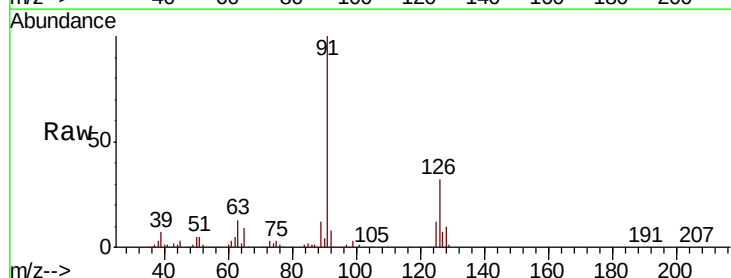
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

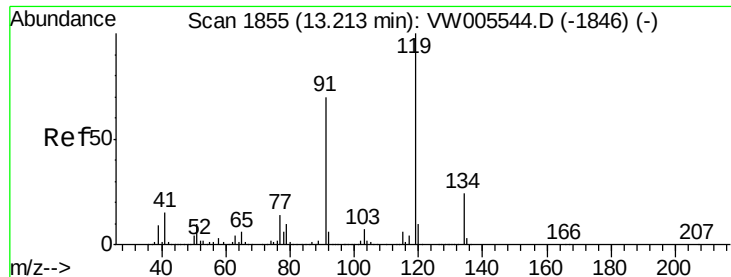
Tgt Ion: 75 Resp: 14550
 Ion Ratio Lower Upper
 75 100
 53 102.8 85.8 128.6
 89 47.1 37.3 55.9



#82
 4-Chlorotoluene
 Concen: 21.085 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 91 Resp: 185774
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.4

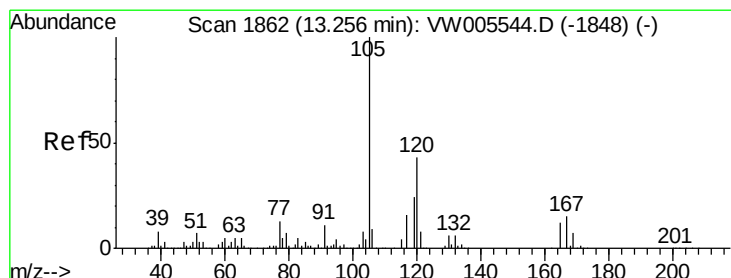
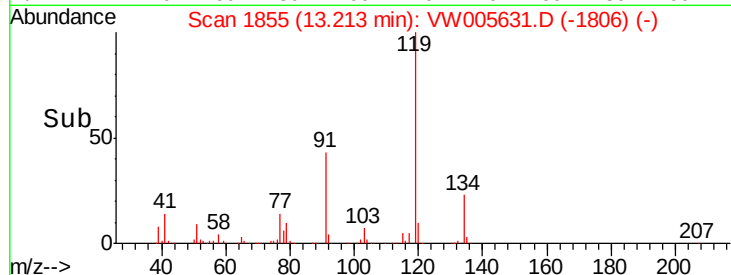
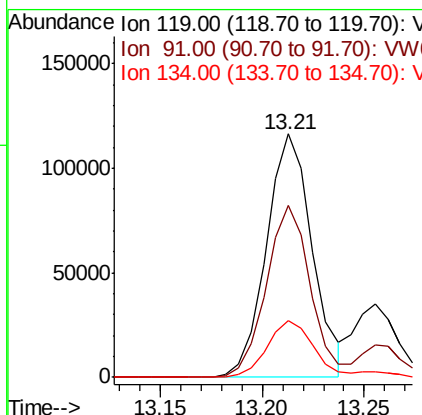
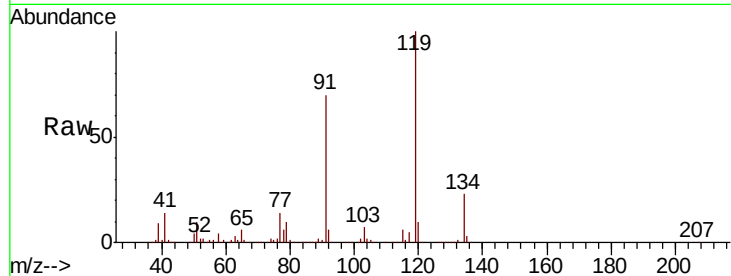




#83
 tert-Butylbenzene
 Concen: 20.926 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

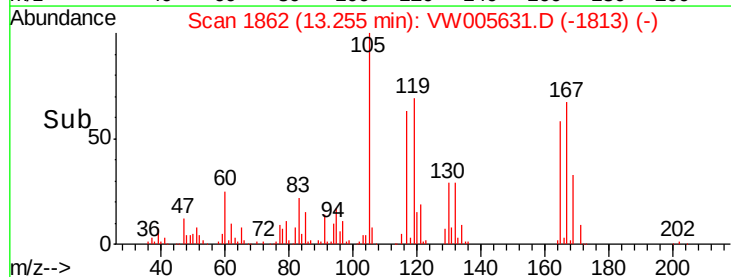
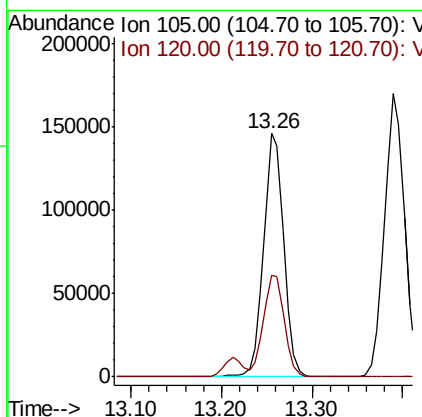
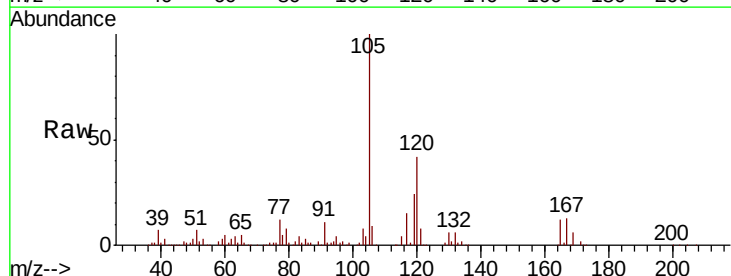
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

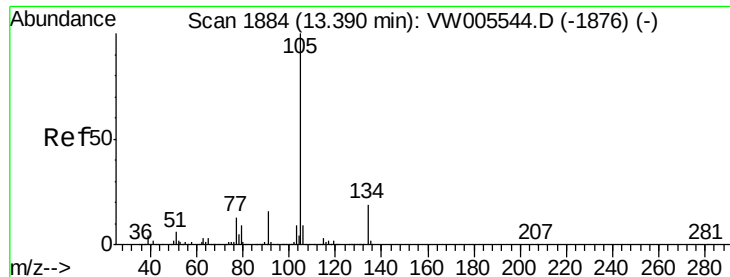
Tgt Ion:119 Resp: 181990
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.6 103.8
 134 25.3 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.413 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion:105 Resp: 223696
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.5 64.5





#85

sec-Butylbenzene

Concen: 20.548 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

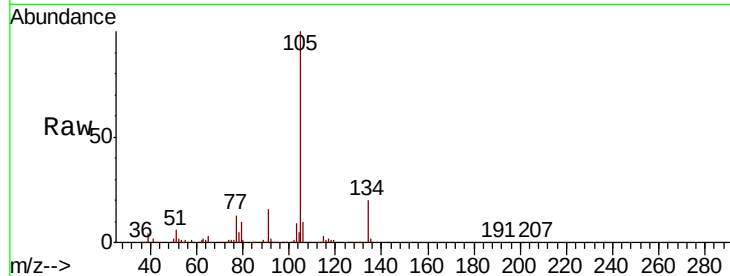
VW0925SBSD02

Tgt Ion:105 Resp: 259179

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

100000

50000

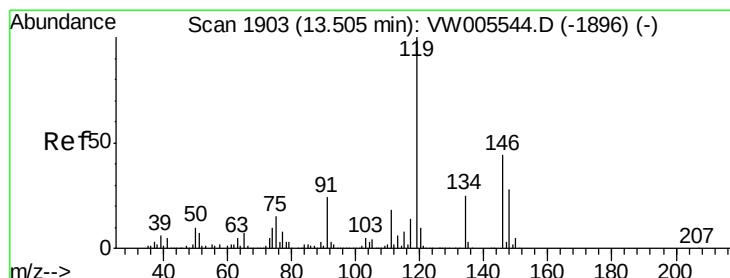
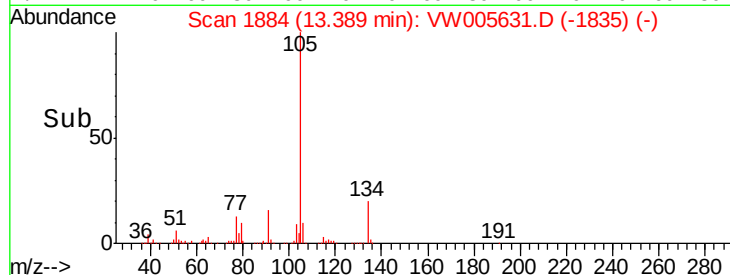
0

13.39

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 21.113 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

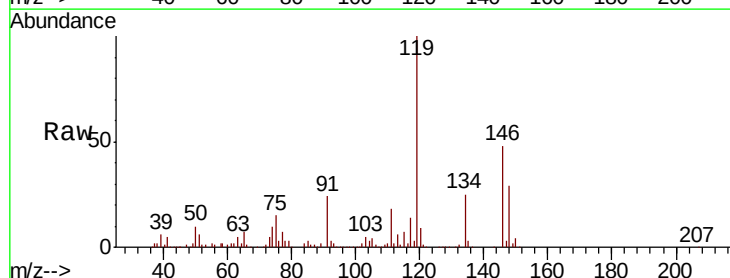
Tgt Ion:119 Resp: 238702

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

91 24.4 12.2 36.4



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

200000

150000

100000

50000

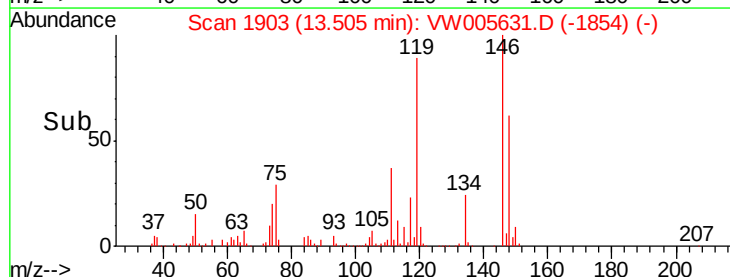
0

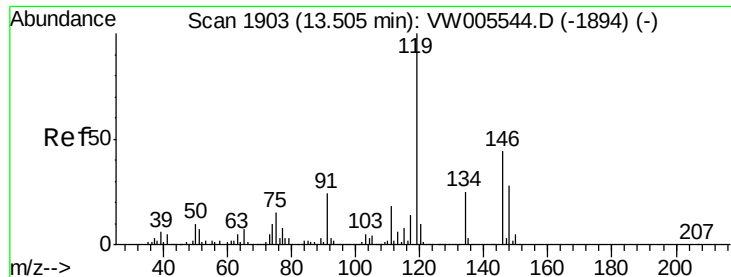
13.51

13.50

13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.139 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

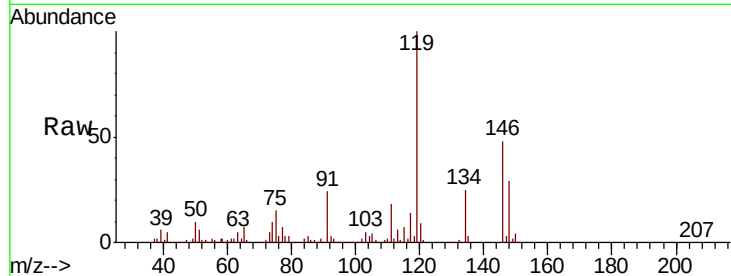
Tgt Ion:146 Resp: 120610

Ion Ratio Lower Upper

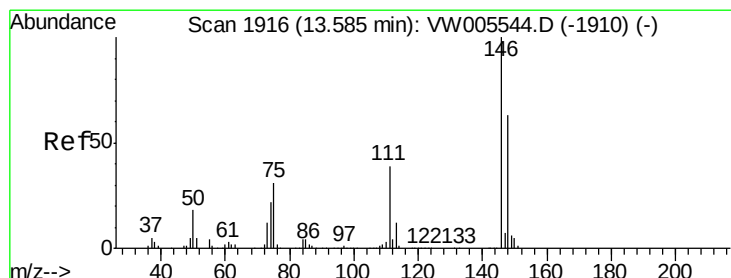
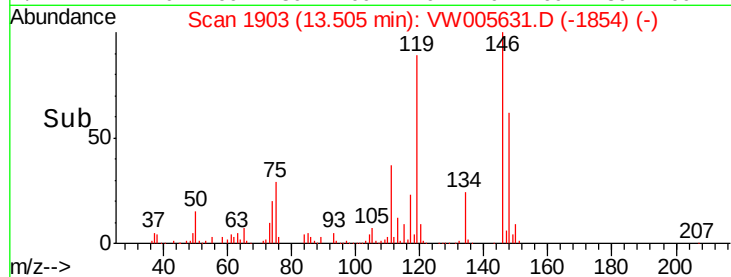
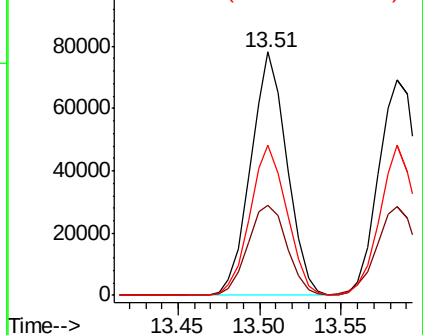
146 100

111 40.3 20.3 60.9

148 62.7 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 20.297 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

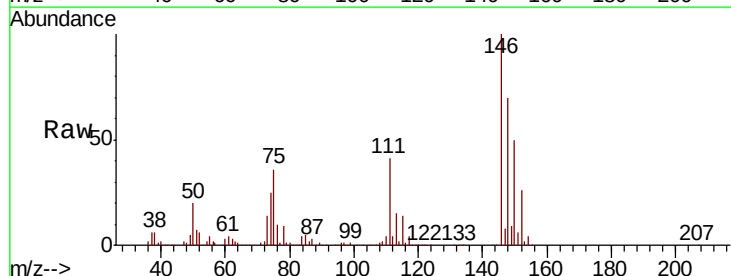
Tgt Ion:146 Resp: 115177

Ion Ratio Lower Upper

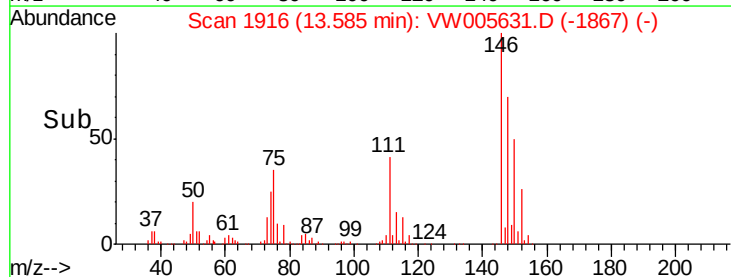
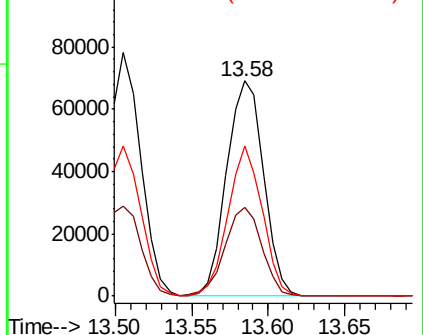
146 100

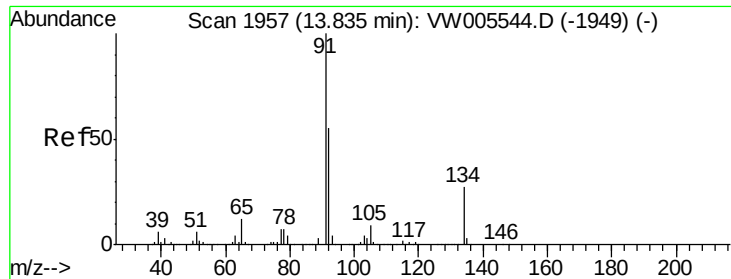
111 41.8 19.9 59.7

148 64.8 32.1 96.3



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





#89

n-Butylbenzene

Concen: 20.697 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.01 min

Lab File: VW005631.D

Acq: 26 Sep 2018 02:03

Instrument :

MSVOA_W

ClientSampleId :

VW0925SBSD02

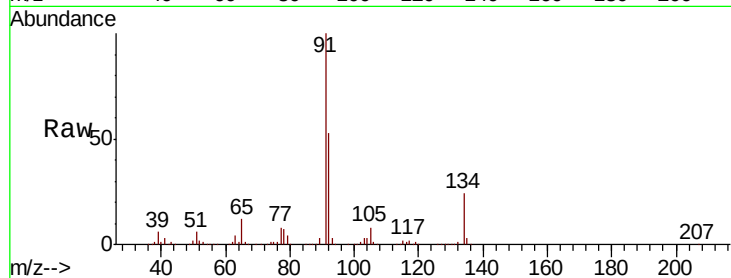
Tgt Ion: 91 Resp: 220712

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

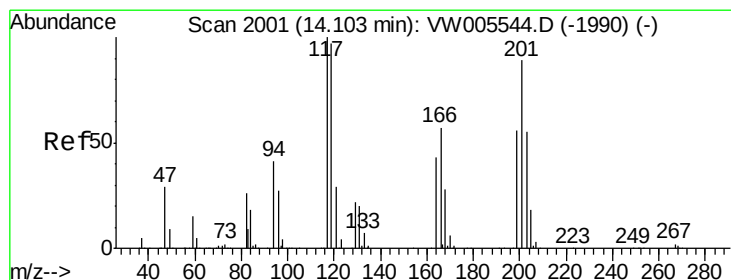
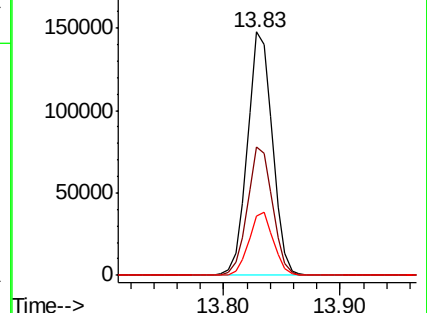
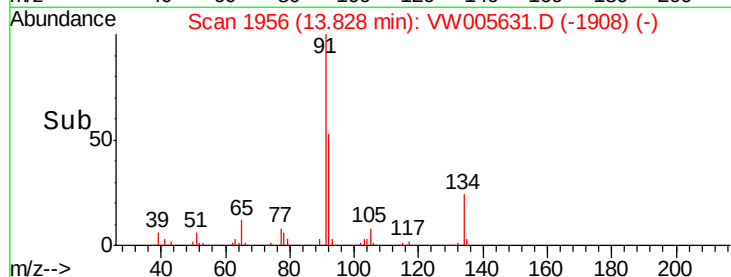
134 25.4 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.577 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW005631.D

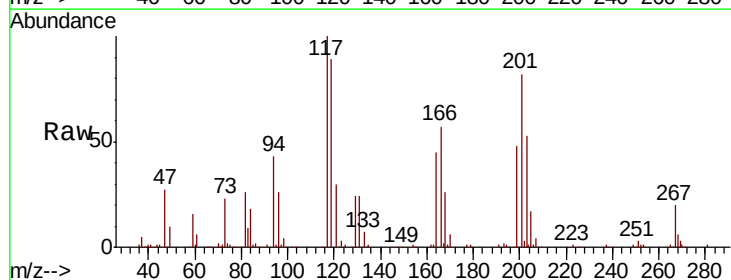
Acq: 26 Sep 2018 02:03

Tgt Ion: 117 Resp: 42165

Ion Ratio Lower Upper

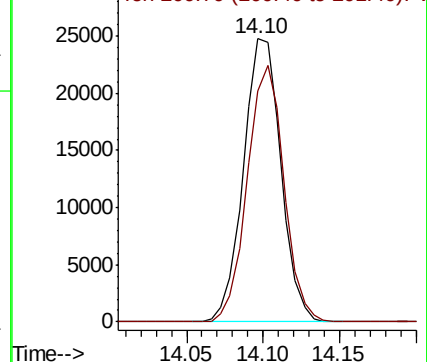
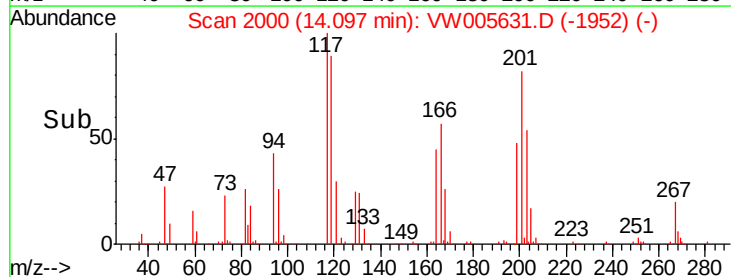
117 100

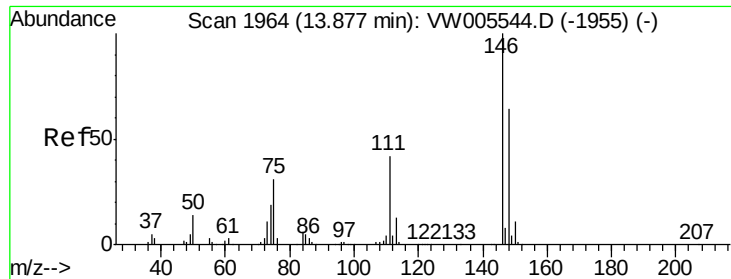
201 88.5 42.8 128.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

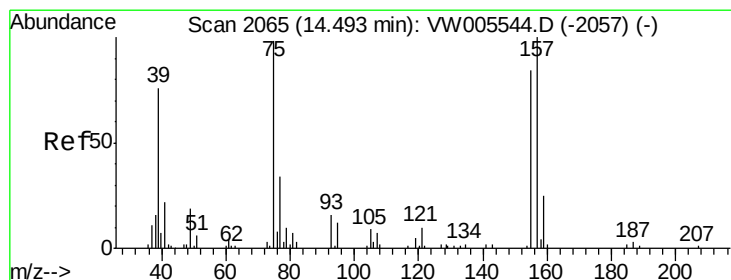
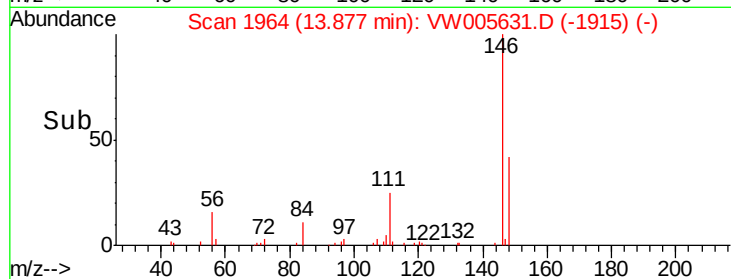
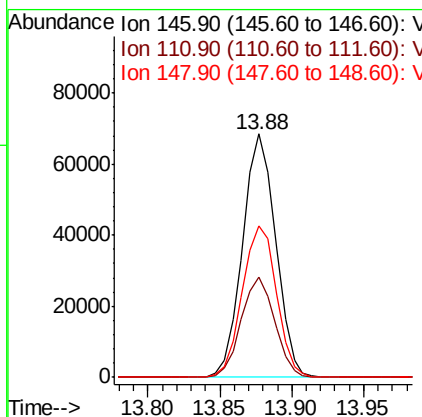
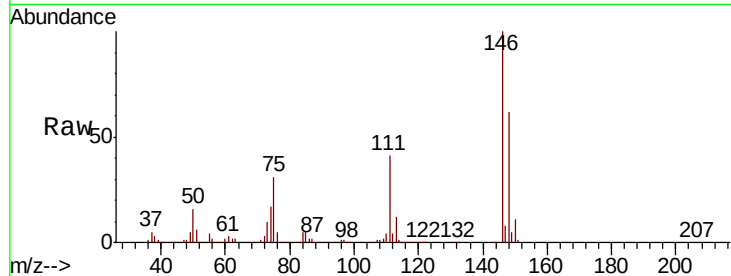




#91
 1,2-Dichlorobenzene
 Concen: 21.660 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

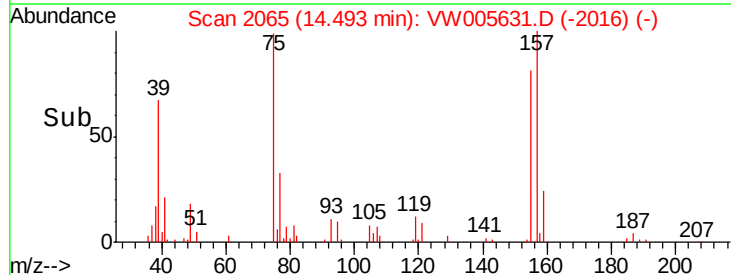
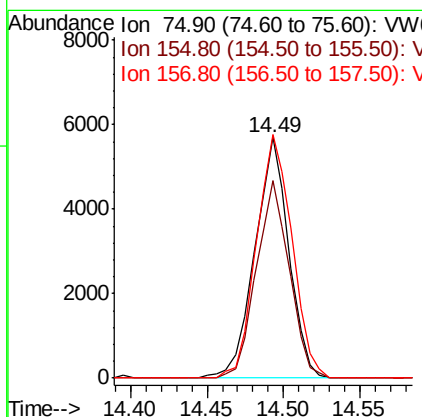
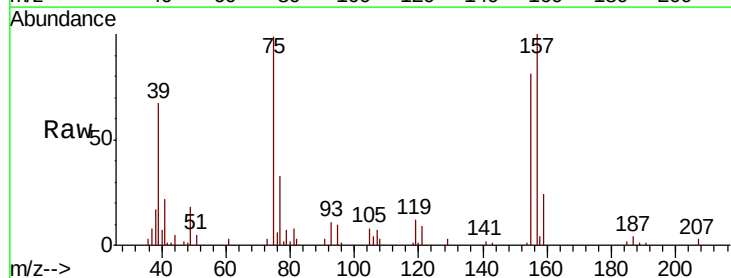
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

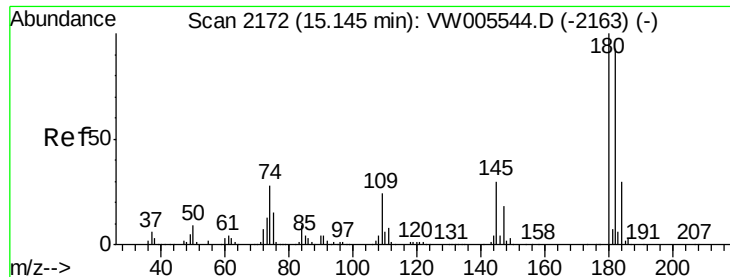
Tgt Ion:146 Resp: 109094
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.3 63.9
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.352 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion: 75 Resp: 8798
 Ion Ratio Lower Upper
 75 100
 155 79.6 39.1 117.5
 157 105.9 50.8 152.4

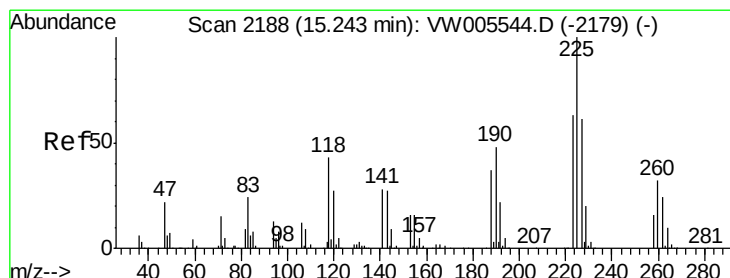
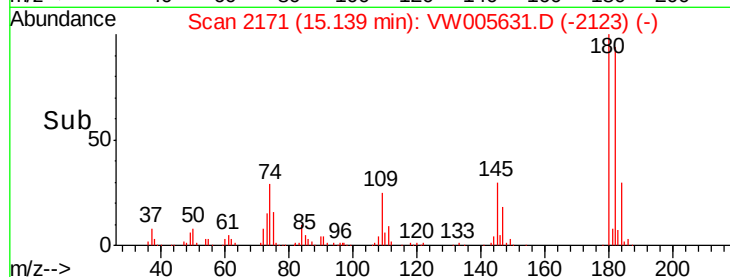
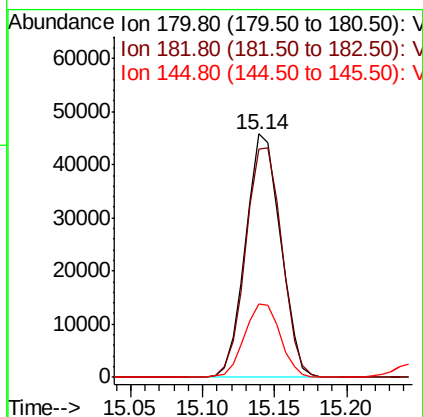
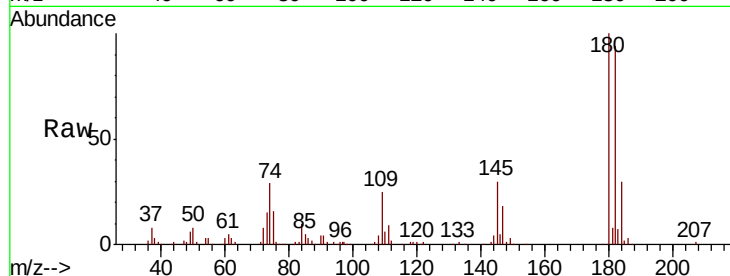




#93
 1,2,4-Trichlorobenzene
 Concen: 21.483 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

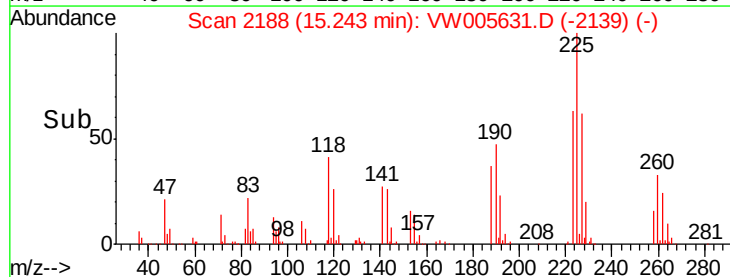
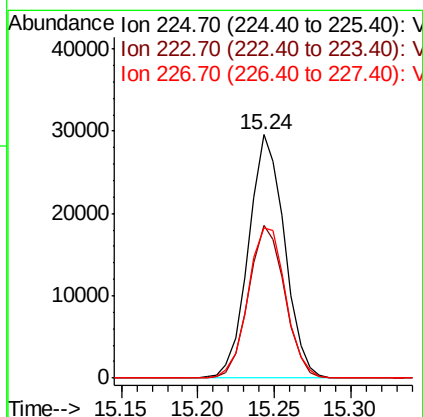
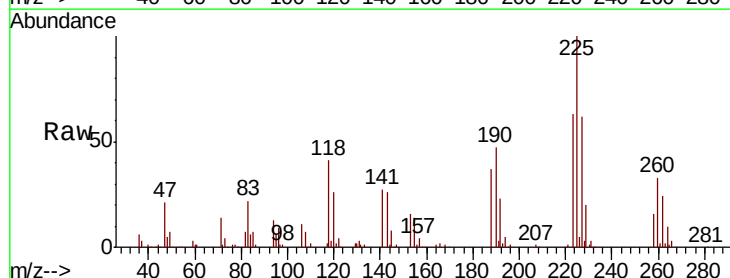
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBSD02

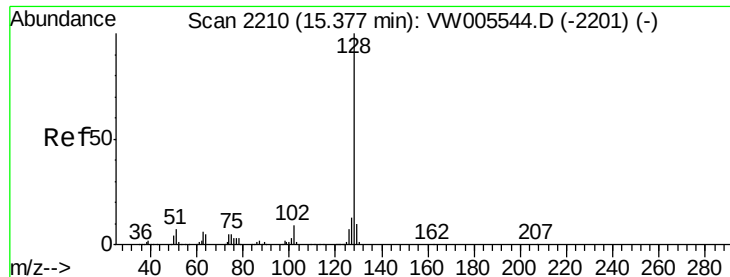
Tgt Ion:180 Resp: 77188
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.7 143.1
 145 30.9 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 20.818 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005631.D
 Acq: 26 Sep 2018 02:03

Tgt Ion:225 Resp: 48457
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.3
 227 64.7 31.8 95.3

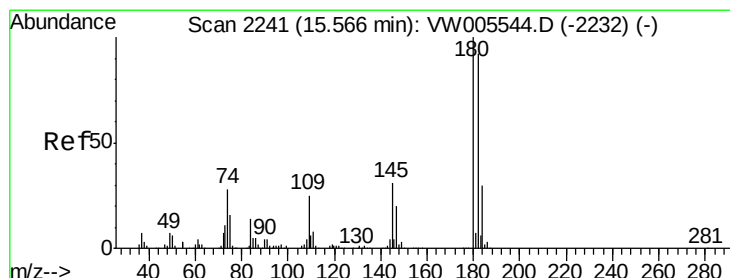
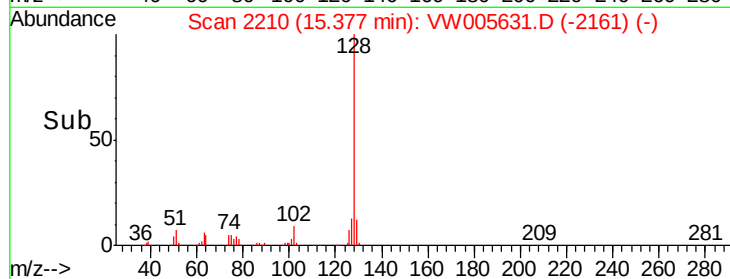
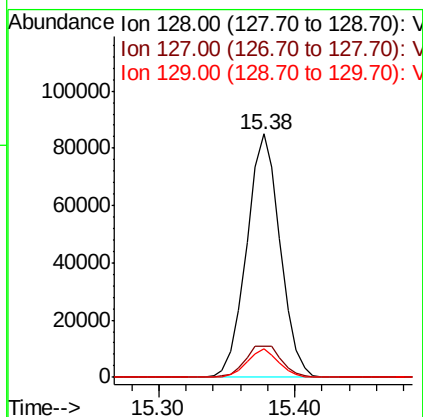
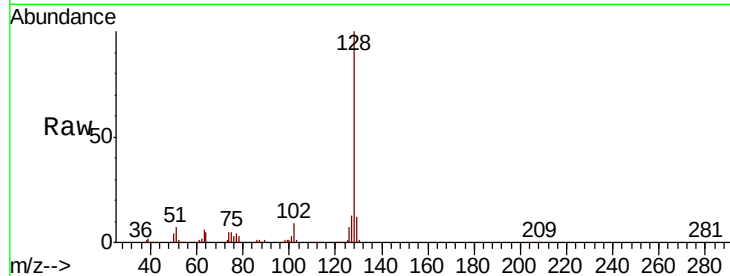




#95
Naphthalene
Concen: 24.242 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Instrument :
MSVOA_W
ClientSampleId :
VW0925SBSD02

Tgt Ion:128 Resp: 146506
Ion Ratio Lower Upper
128 100
127 14.0 10.9 16.3
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.556 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005631.D
Acq: 26 Sep 2018 02:03

Tgt Ion:180 Resp: 71422
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 31.6 16.0 47.9

