

Data File : VW006788.D
Acq On : 09 Nov 2018 14:49
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Nov 09 15:10:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 09 13:58:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	232365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	336020	123.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	246.86%	
35) Dibromofluoromethane	7.89	113	364170	136.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.36%	
50) Toluene-d8	10.33	98	1455904	143.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.08%	
62) 4-Bromofluorobenzene	12.62	95	547649	148.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	333226	202.974	ug/l	97
3) Chloromethane	2.21	50	402514	198.158	ug/l	99
4) Vinyl Chloride	2.35	62	423373	149.271	ug/l	100
5) Bromomethane	2.77	94	248029	104.202	ug/l	97
6) Chloroethane	2.91	64	271082	136.791	ug/l	100
7) Trichlorofluoromethane	3.26	101	569035	227.194	ug/l	98
8) Diethyl Ether	3.69	74	175972	128.530	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	364207	136.177	ug/l	99
10) Methyl Iodide	4.27	142	551793	113.786	ug/l	100
11) Tert butyl alcohol	5.22	59	117774	802.971	ug/l	98
12) 1,1-Dichloroethene	4.04	96	331985	128.519	ug/l	97
13) Acrolein	3.90	56	125259	679.005	ug/l	100
14) Allyl chloride	4.67	41	456252	135.312	ug/l	99
15) Acrylonitrile	5.38	53	363311	740.077	ug/l	99
16) Acetone	4.15	43	242388	551.501	ug/l	98
17) Carbon Disulfide	4.38	76	1100101	149.655	ug/l	100
18) Methyl Acetate	4.68	43	169859	134.402	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	822375	213.878	ug/l	98
20) Methylene Chloride	4.92	84	373598	109.173	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	389572	133.279	ug/l	99
22) Diisopropyl ether	6.32	45	958433	136.344	ug/l	97
23) Vinyl Acetate	6.26	43	2805681	719.736	ug/l	100
24) 1,1-Dichloroethane	6.22	63	611234	128.298	ug/l	98
25) 2-Butanone	7.18	43	407944	650.466	ug/l	99
26) 2,2-Dichloropropane	7.17	77	531063	185.049	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	424332	129.759	ug/l	99
28) Bromochloromethane	7.52	49	235150	124.302	ug/l	100
29) Tetrahydrofuran	7.54	42	281437	713.460	ug/l	98
30) Chloroform	7.68	83	661200	126.586	ug/l	99
31) Cyclohexane	7.96	56	547567	126.281	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	595468	134.725	ug/l	99
36) 1,1-Dichloropropene	8.09	75	511031	136.878	ug/l	99
37) Ethyl Acetate	7.26	43	193484	149.546	ug/l	99
38) Carbon Tetrachloride	8.07	117	548357	140.562	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	713842	150.667	ug/l	99
40) Benzene	8.33	78	1487224	140.245	ug/l	100
41) Methacrylonitrile	7.49	41	124883	157.410	ug/l	90
42) 1,2-Dichloroethane	8.40	62	405393	133.300	ug/l	99
43) Isopropyl Acetate	8.43	43	395416	153.156	ug/l	100
44) Trichloroethene	9.10	130	452182	138.182	ug/l	99
45) 1,2-Dichloropropane	9.37	63	343259	139.092	ug/l	100
46) Dibromomethane	9.46	93	204136	140.716	ug/l	99
47) Bromodichloromethane	9.65	83	476993	141.608	ug/l	99
48) Methyl methacrylate	9.44	41	188277	151.362	ug/l	99
49) 1,4-Dioxane	9.48	88	60449	2847.241	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	983020	741.367	ug/l	98
52) Toluene	10.39	92	1067066	150.025	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	510400	157.444	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	579597	151.298	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	297185	144.382	ug/l	98
56) Ethyl methacrylate	10.65	69	372133	159.065	ug/l	99
57) 1,3-Dichloropropane	10.93	76	478785	143.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	920619	809.514	ug/l	99
59) 2-Hexanone	10.98	43	674610	749.086	ug/l	98
60) Dibromochloromethane	11.13	129	378398	155.162	ug/l	100
61) 1,2-Dibromoethane	11.24	107	294111	143.887	ug/l	99
64) Tetrachloroethene	10.87	164	437812	131.508	ug/l	99
65) Chlorobenzene	11.66	112	1223667	139.238	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	421143	136.339	ug/l	100
67) Ethyl Benzene	11.74	91	2146558	146.131	ug/l	100
68) m/p-Xylenes	11.84	106	1756384	299.279	ug/l	100
69) o-Xylene	12.17	106	826803	147.983	ug/l	100
70) Styrene	12.19	104	1368466	150.233	ug/l	100
71) Bromoform	12.35	173	249212	152.199	ug/l #	99
73) Isopropylbenzene	12.47	105	2258912	147.573	ug/l	100
74) N-amyl acetate	12.28	43	386688	146.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	330103	136.541	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	439945	242.664	ug/l #	100
77) Bromobenzene	12.75	156	552049	139.294	ug/l	98
78) n-propylbenzene	12.81	91	2614405	148.491	ug/l	100
79) 2-Chlorotoluene	12.90	91	1448198	143.324	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1890466	147.006	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	108305	173.480	ug/l	95
82) 4-Chlorotoluene	12.99	91	1543917	144.427	ug/l	100
83) tert-Butylbenzene	13.21	119	1674331	146.000	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1917862	145.398	ug/l	100
85) sec-Butylbenzene	13.39	105	2348240	146.200	ug/l	100
86) p-Isopropyltoluene	13.51	119	2146072	146.842	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1095542	140.364	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1068146	138.063	ug/l	100
89) n-Butylbenzene	13.83	91	1948989	150.230	ug/l	99
90) Hexachloroethane	14.10	117	349819	145.637	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	942197	134.202	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52782	134.549	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110918\
Quantitation Report (Not Reviewed)

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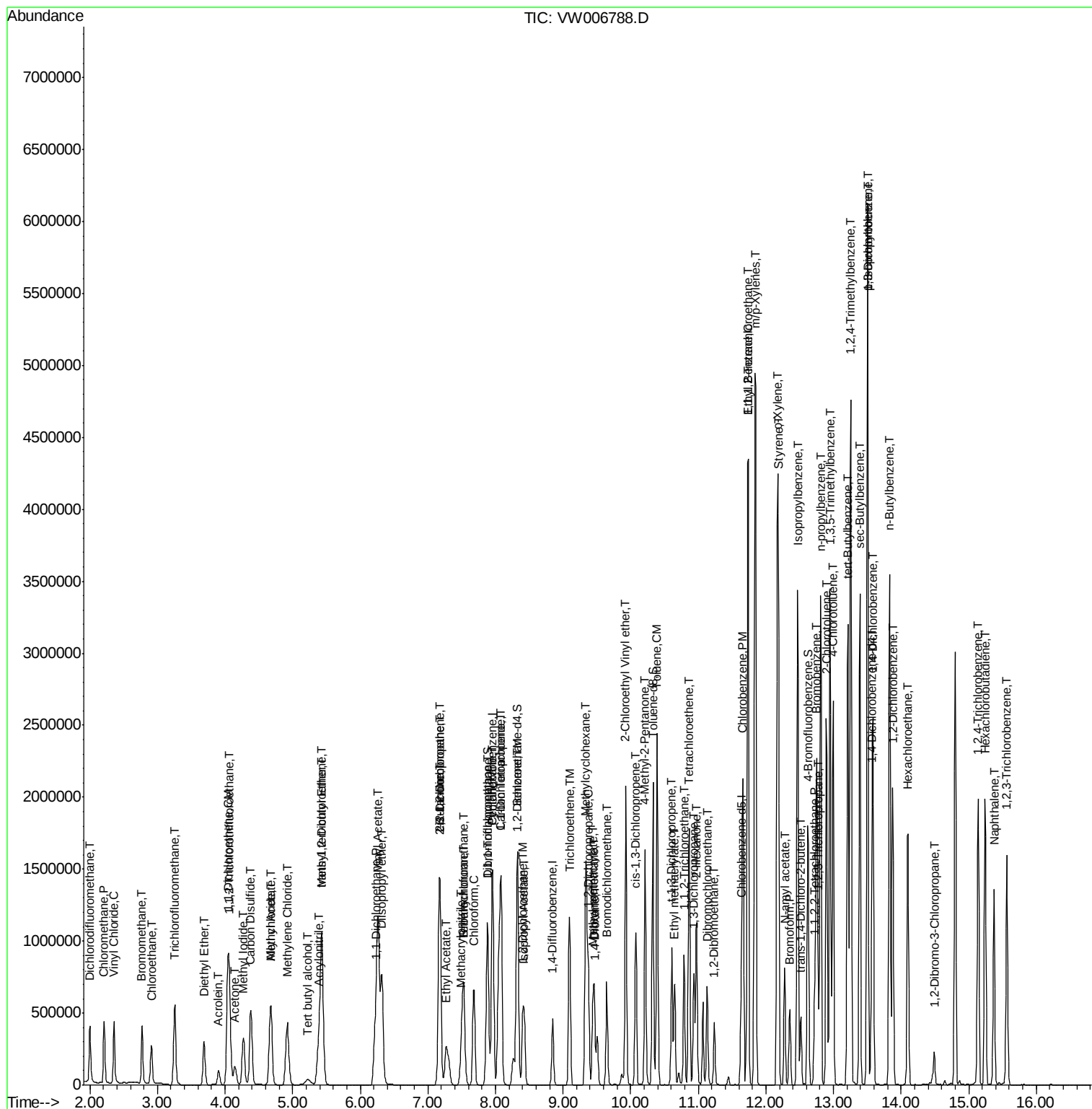
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	709868	135.979	ug/l	100
94) Hexachlorobutadiene	15.24	225	423758	130.242	ug/l	99
95) Naphthalene	15.38	128	1227428	146.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	616252	134.314	ug/l	99

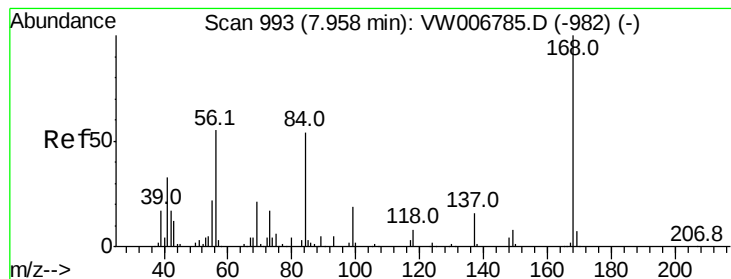
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

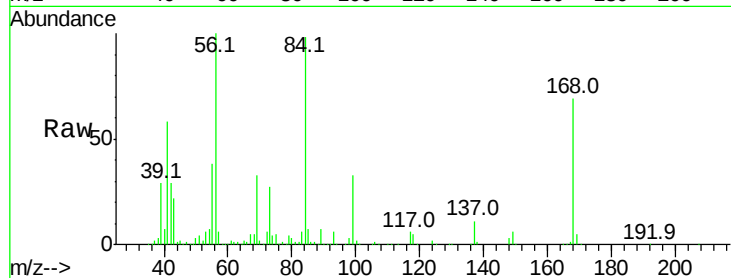
VSTDIC150

Tgt Ion:168 Resp: 316690

Ion Ratio Lower Upper

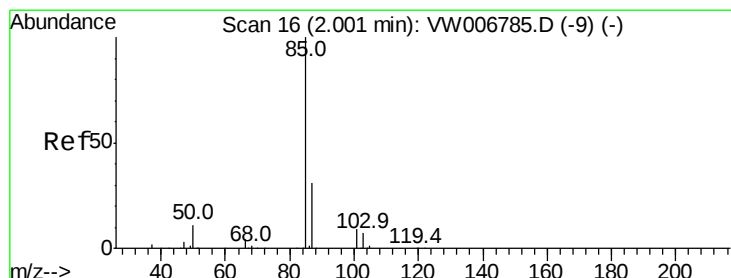
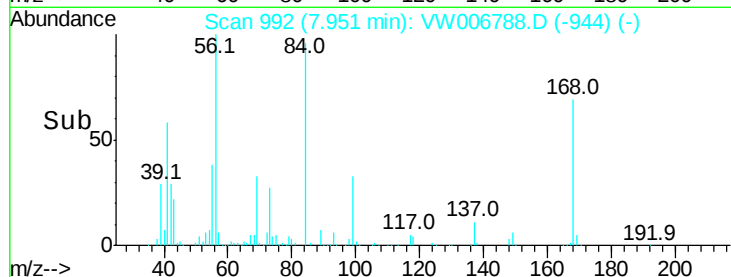
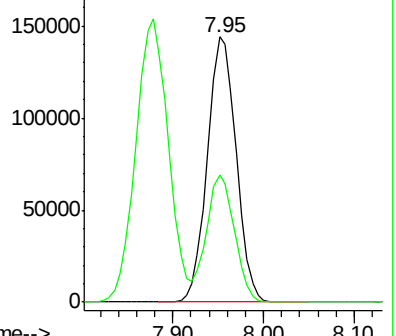
168 100

99 47.9 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 202.974 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006788.D

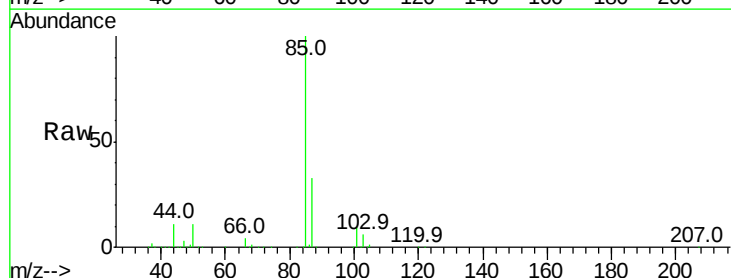
Acq: 09 Nov 2018 14:49

Tgt Ion: 85 Resp: 333226

Ion Ratio Lower Upper

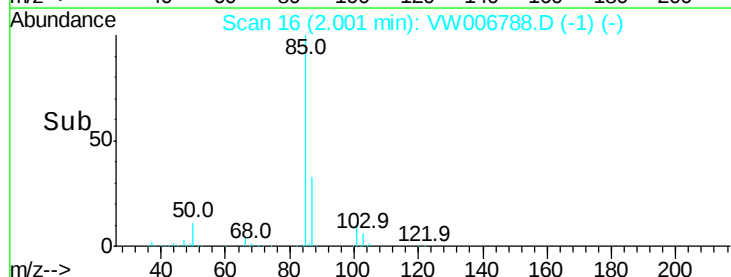
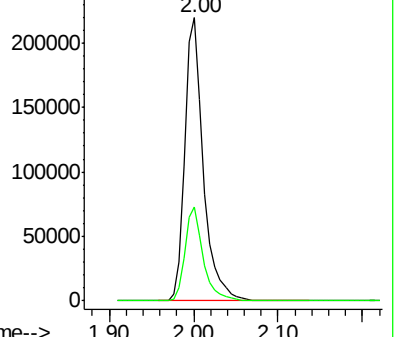
85 100

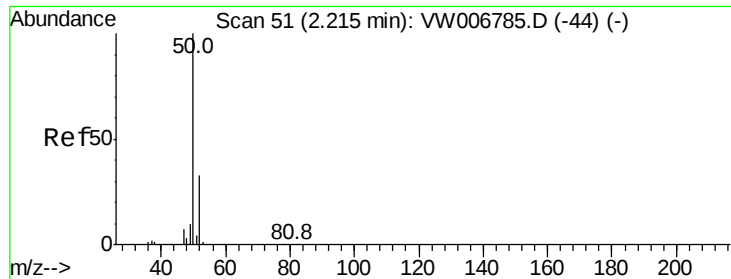
87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 198.158 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

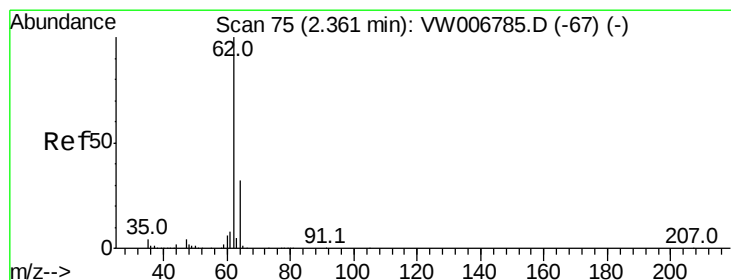
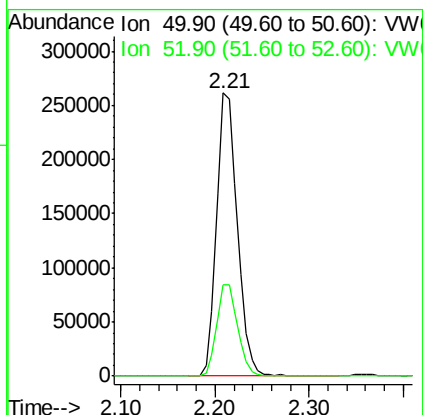
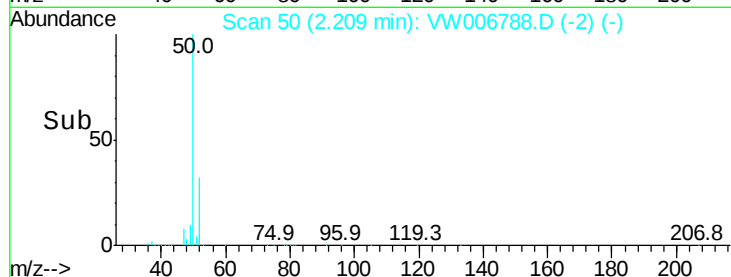
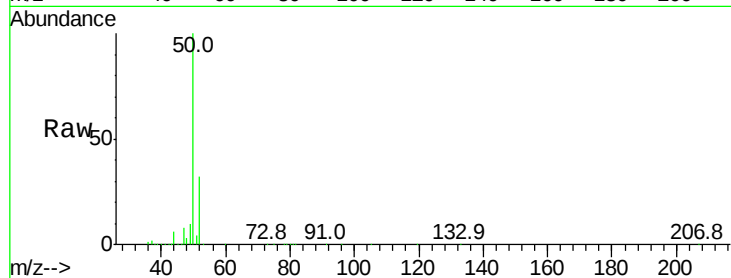
VSTDIC150

Tgt Ion: 50 Resp: 402514

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4



#4

Vinyl Chloride

Concen: 149.271 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006788.D

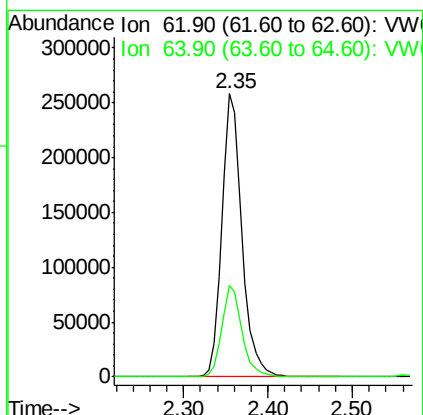
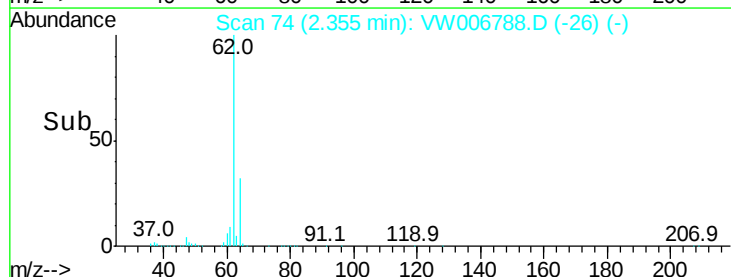
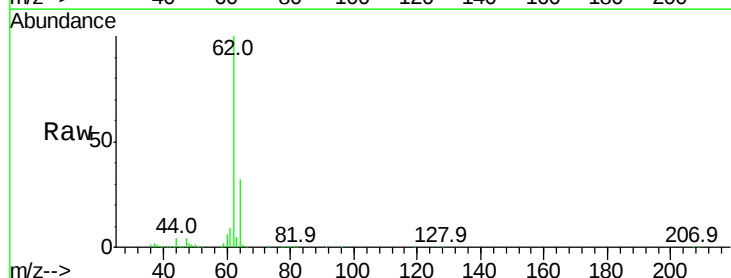
Acq: 09 Nov 2018 14:49

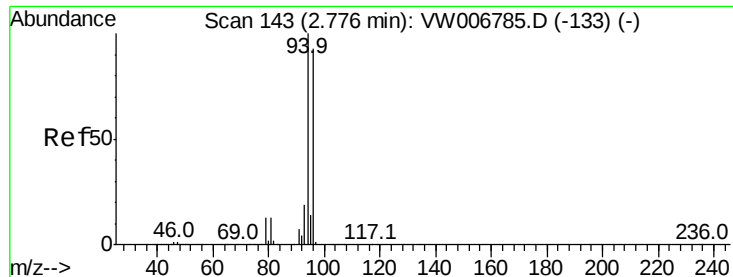
Tgt Ion: 62 Resp: 423373

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.6





#5

Bromomethane

Concen: 104.202 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

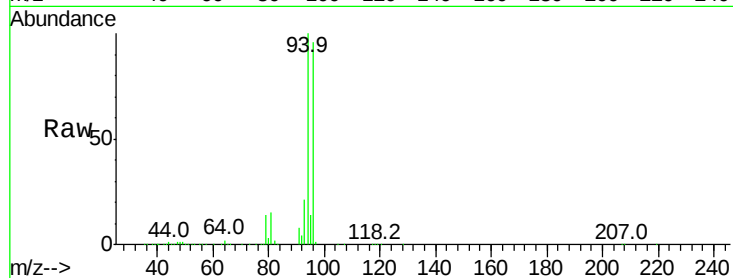
VSTDIC150

Tgt Ion: 94 Resp: 248029

Ion Ratio Lower Upper

94 100

96 96.3 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

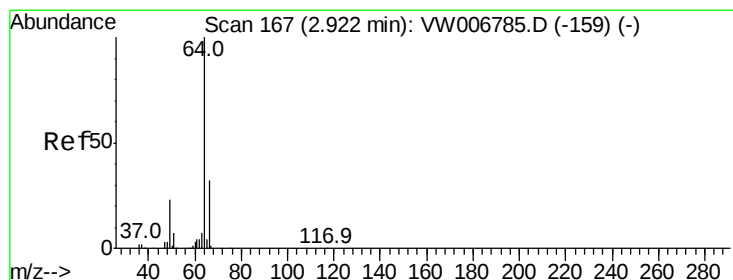
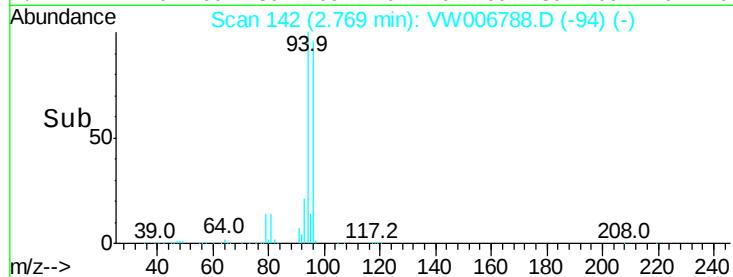
150000

100000

50000

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Time-->



#6

Chloroethane

Concen: 136.791 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW006788.D

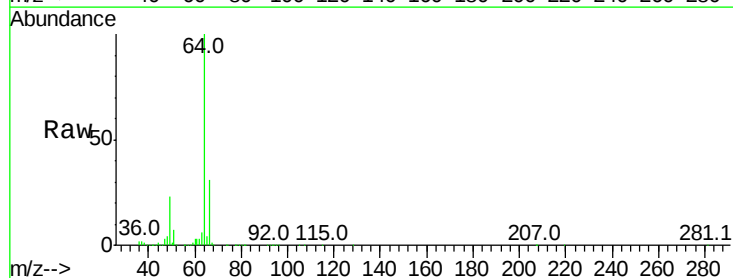
Acq: 09 Nov 2018 14:49

Tgt Ion: 64 Resp: 271082

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

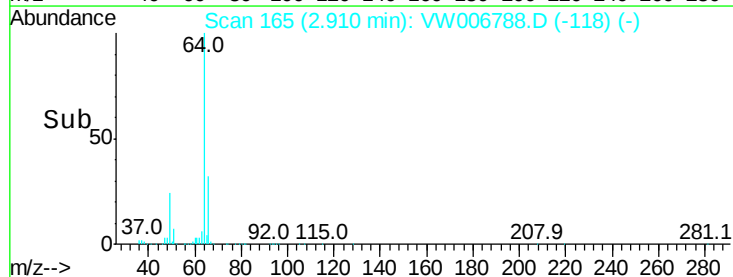
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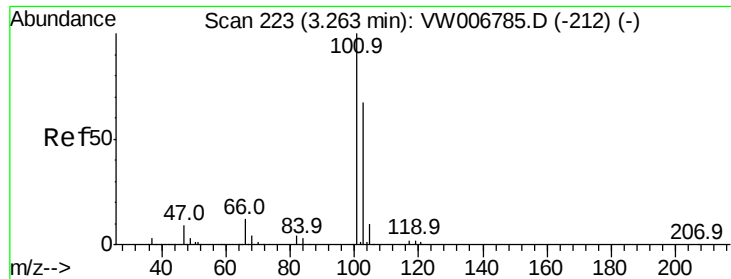
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Time-->



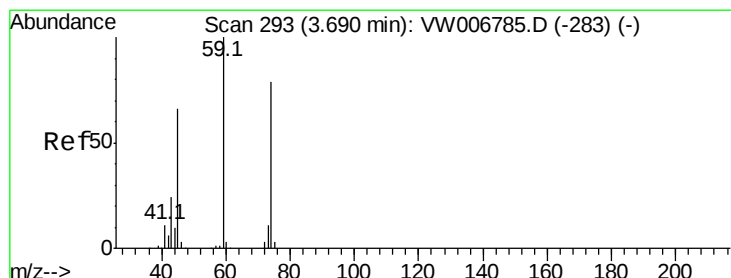
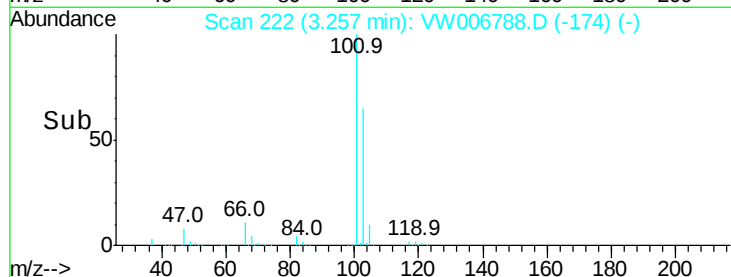
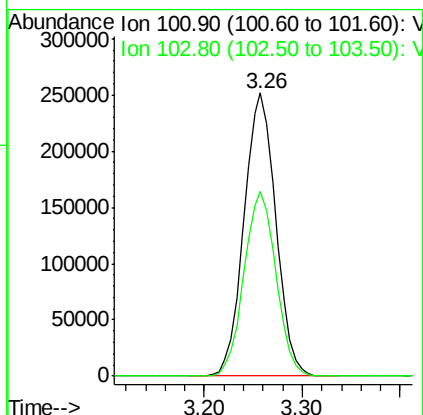
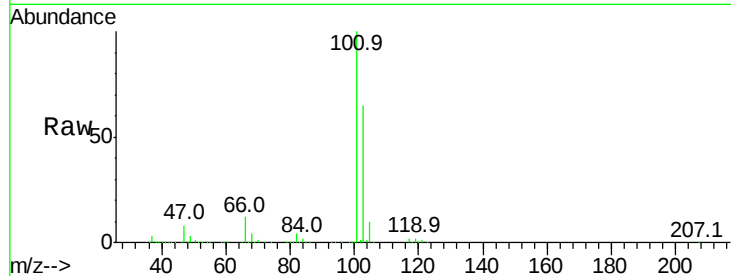


#7

Trichlorofluoromethane
Concen: 227.194 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006788.D
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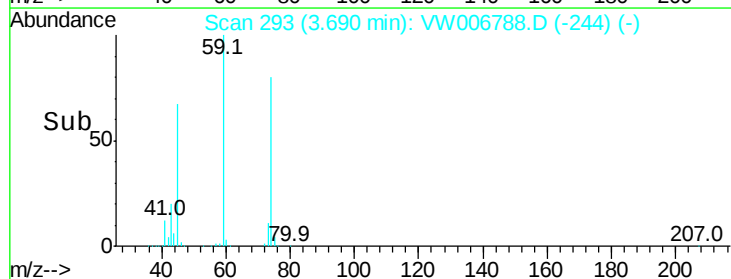
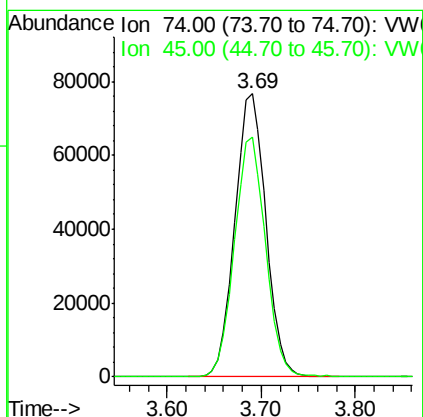
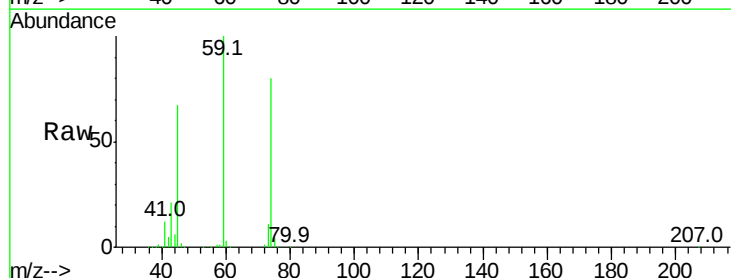
Tgt Ion:101 Resp: 569035
Ion Ratio Lower Upper
101 100
103 65.3 53.4 80.0

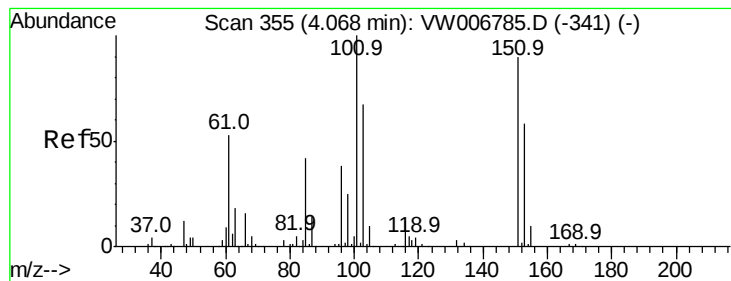


#8

Diethyl Ether
Concen: 128.530 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 74 Resp: 175972
Ion Ratio Lower Upper
74 100
45 85.5 44.0 132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.177 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006788.D

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Instrument :

MSVOA_W

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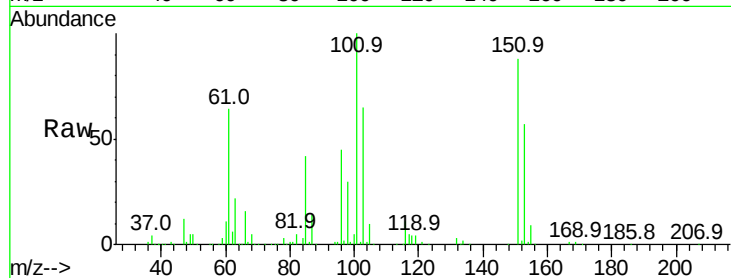
Tgt Ion:101 Resp: 364207

Ion Ratio Lower Upper

101 100

85 41.6 34.0 51.0

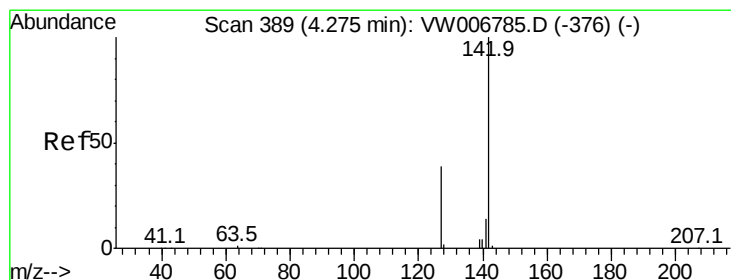
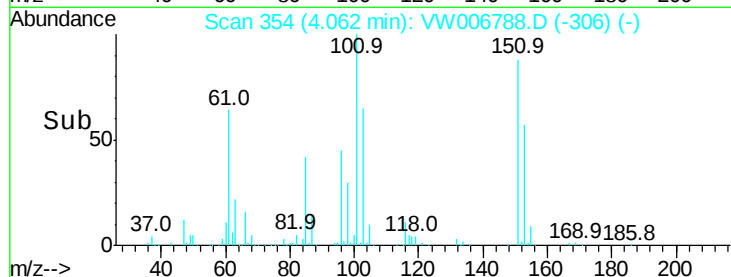
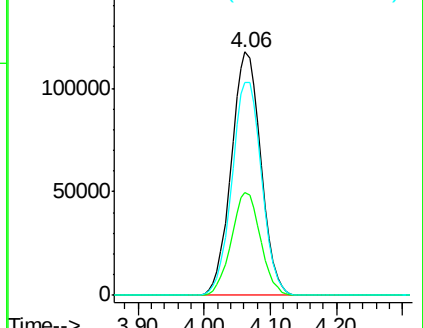
151 88.2 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 113.786 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

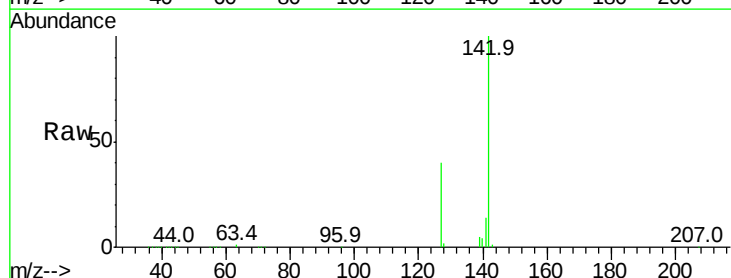
Tgt Ion:142 Resp: 551793

Ion Ratio Lower Upper

142 100

127 40.1 32.3 48.5

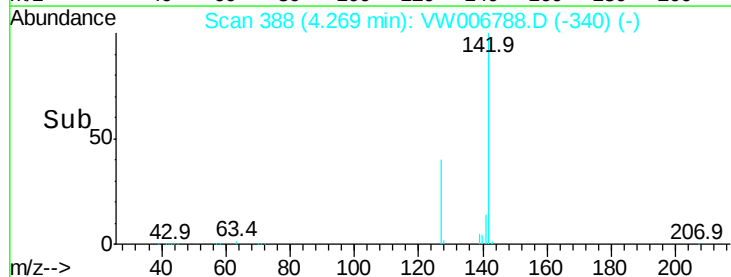
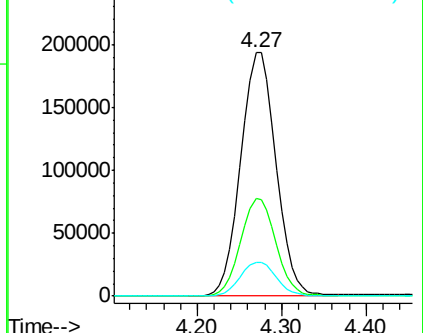
141 14.3 11.4 17.0

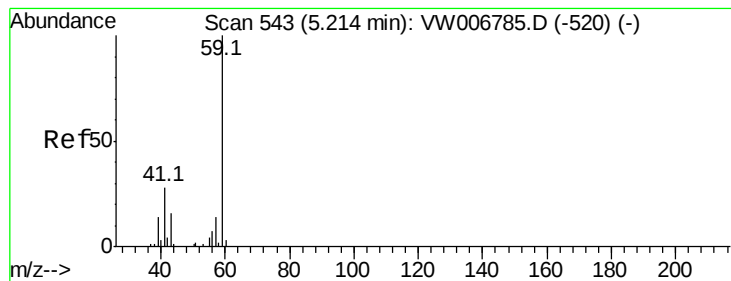


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



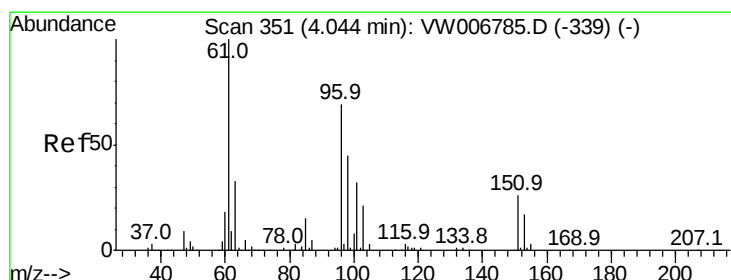
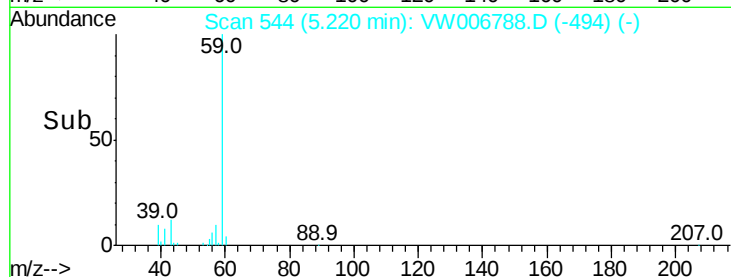
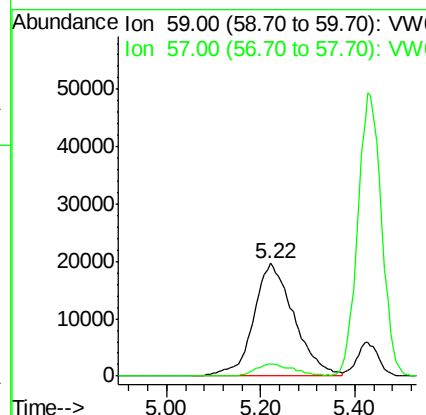
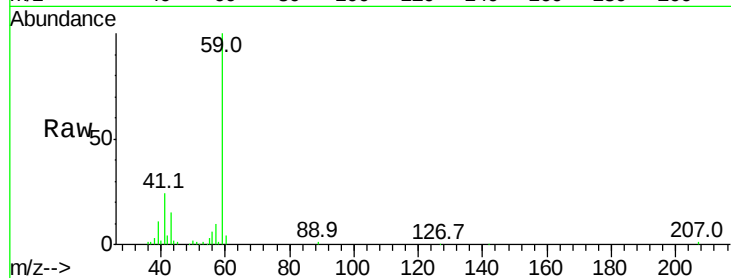


#11

Tert butyl alcohol
Concen: 802.971 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

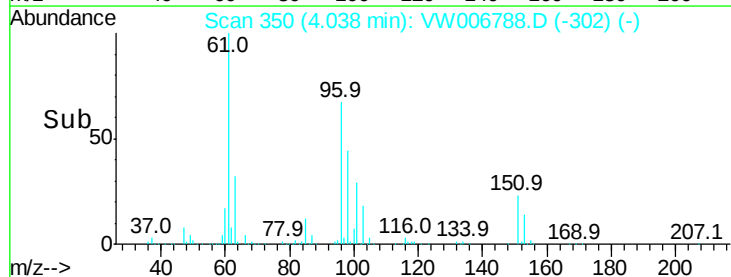
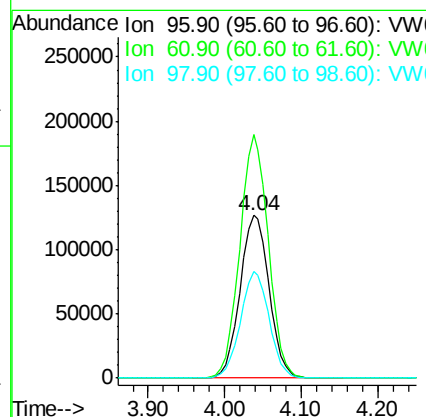
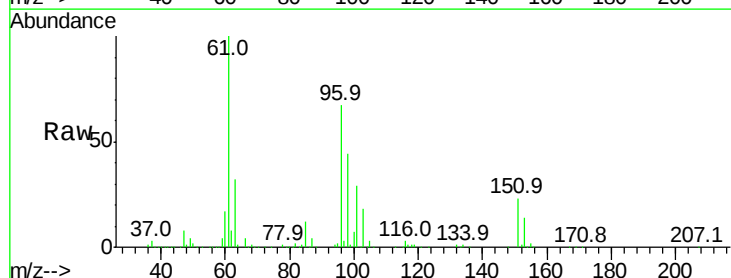
Tgt Ion: 59 Resp: 117774
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

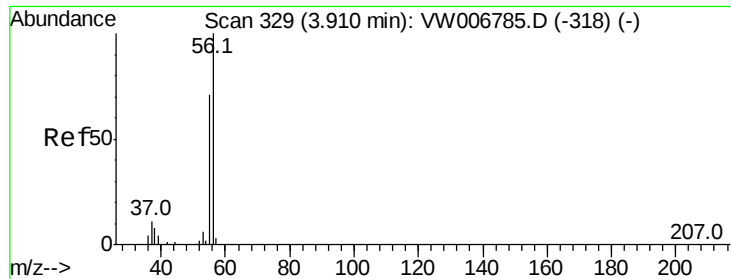


#12

1,1-Dichloroethene
Concen: 128.519 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 96 Resp: 331985
Ion Ratio Lower Upper
96 100
61 149.6 116.0 174.0
98 65.8 52.0 78.0

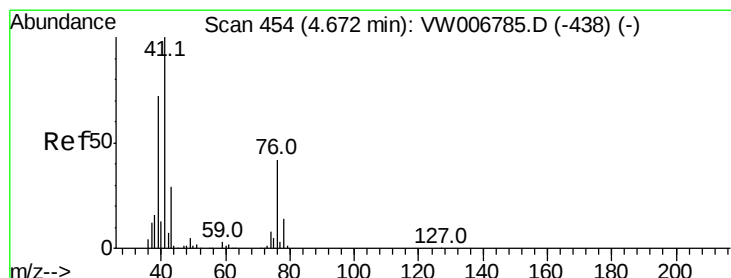
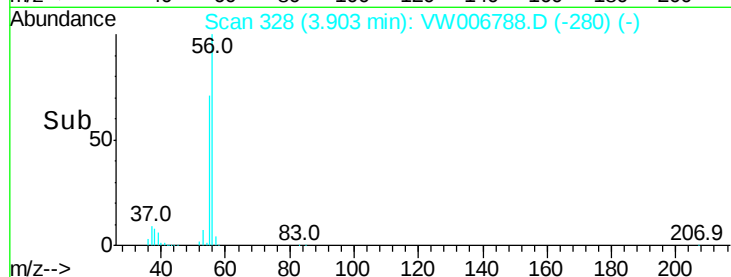
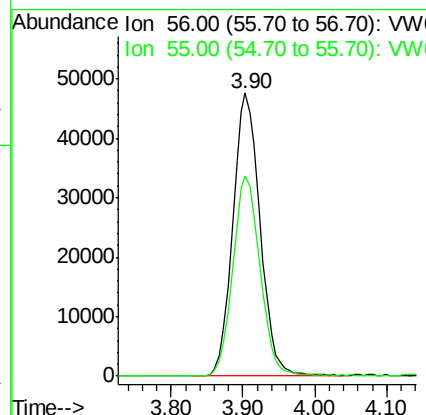
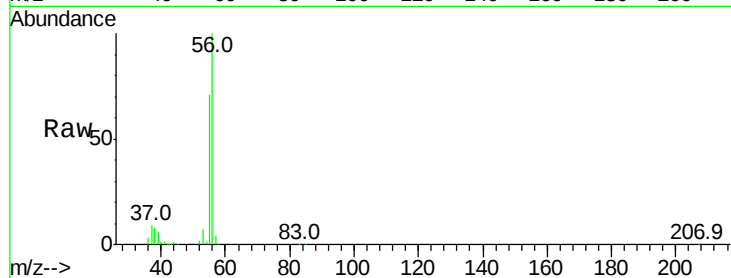




#13
Acrolein
Concen: 679.005 ug/l
RT: 3.90 min Scan# 328
Delta R.T. -0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

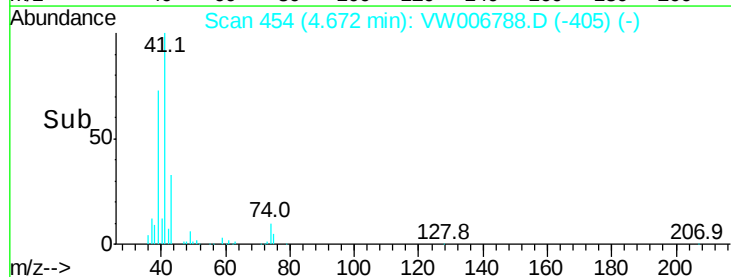
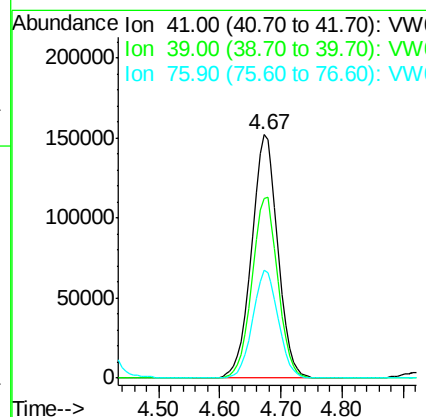
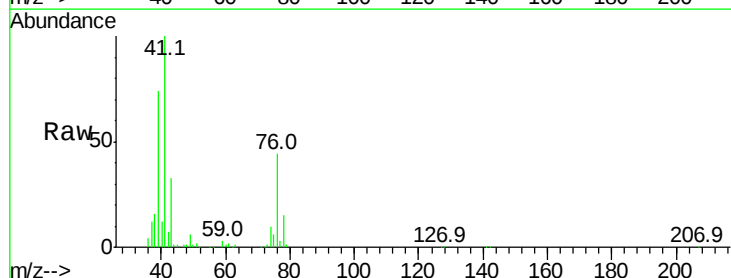
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

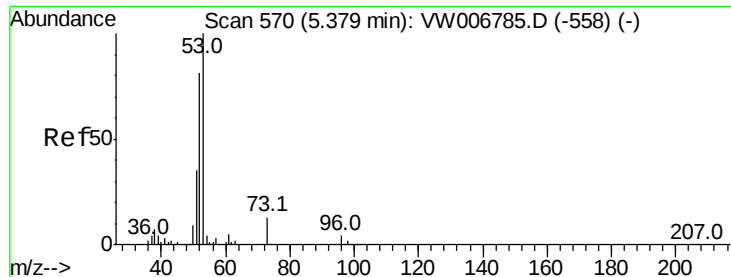
Tgt Ion: 56 Resp: 125259
Ion Ratio Lower Upper
56 100
55 70.8 56.9 85.3



#14
Allyl chloride
Concen: 135.312 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 41 Resp: 456252
Ion Ratio Lower Upper
41 100
39 73.5 60.0 90.0
76 43.1 34.2 51.4





#15

Acrylonitrile

Concen: 740.077 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

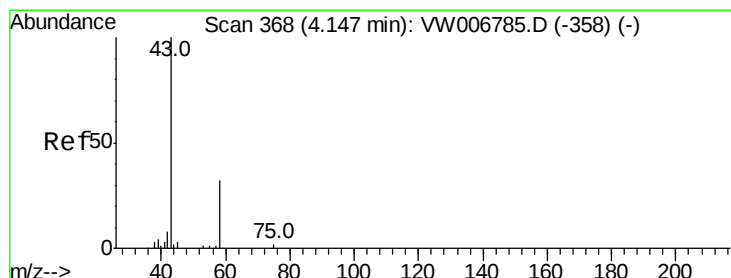
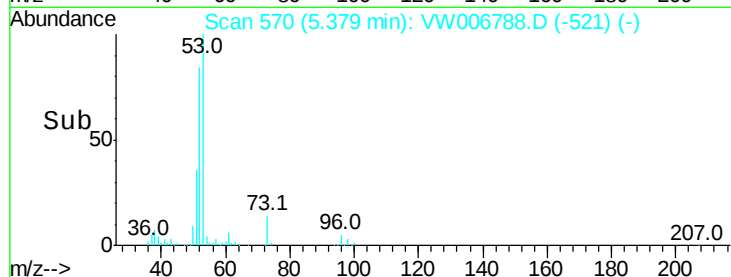
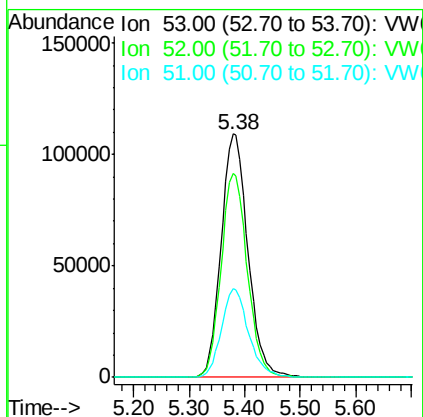
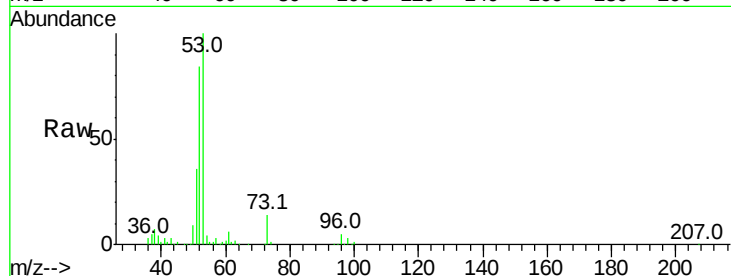
Tgt Ion: 53 Resp: 363311

Ion Ratio Lower Upper

53 100

52 82.4 65.2 97.8

51 37.0 30.2 45.4



#16

Acetone

Concen: 551.501 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.00 min

Lab File: VW006788.D

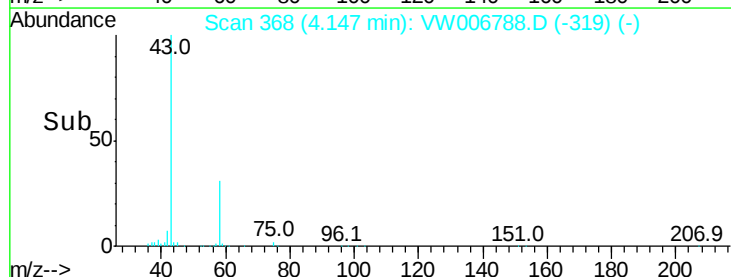
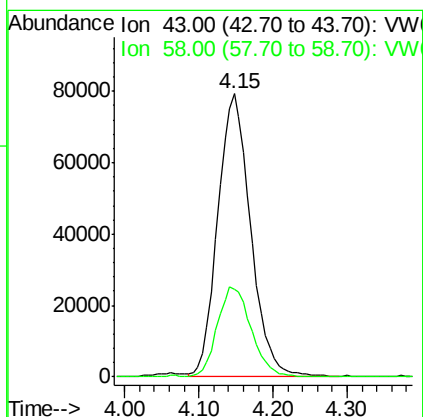
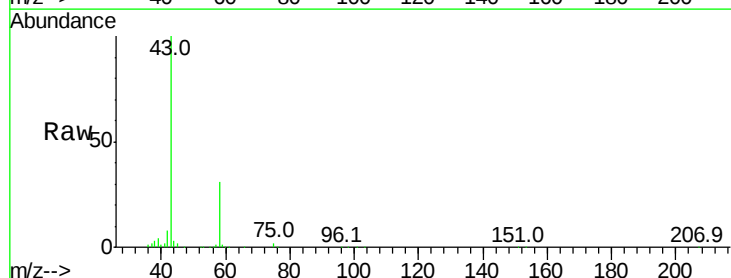
Acq: 09 Nov 2018 14:49

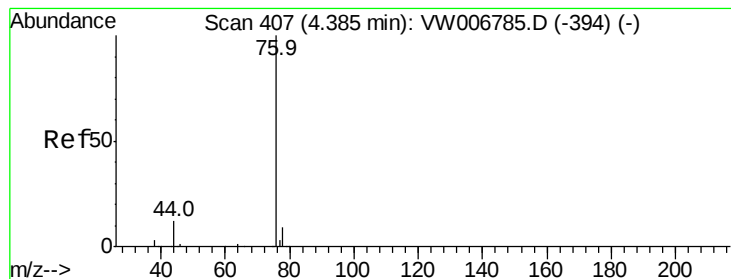
Tgt Ion: 43 Resp: 242388

Ion Ratio Lower Upper

43 100

58 30.7 25.4 38.0





#17

Carbon Disulfide

Concen: 149.655 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

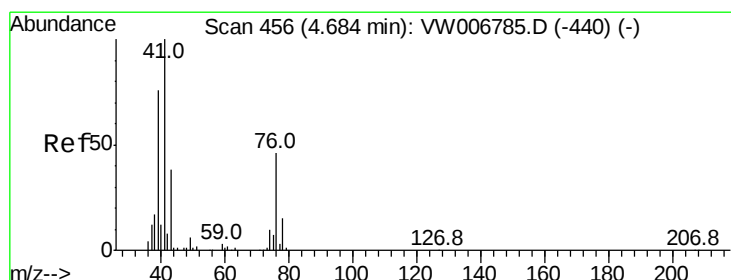
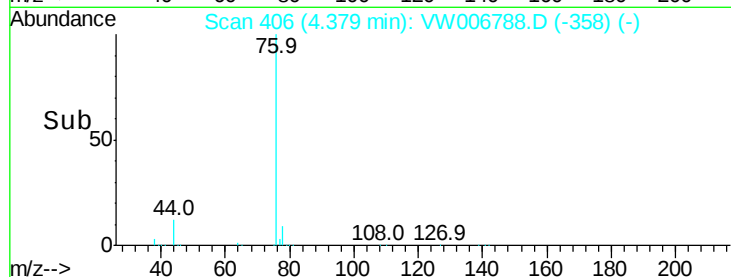
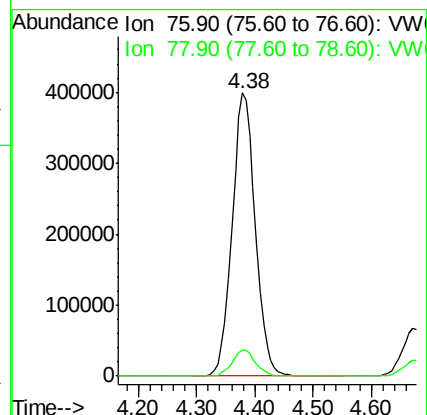
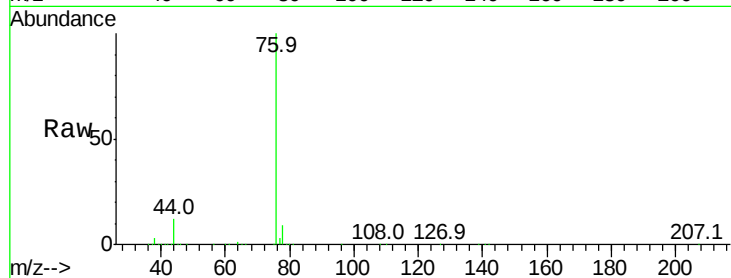
VSTDIC150

Tgt Ion: 76 Resp: 1100101

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 134.402 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006788.D

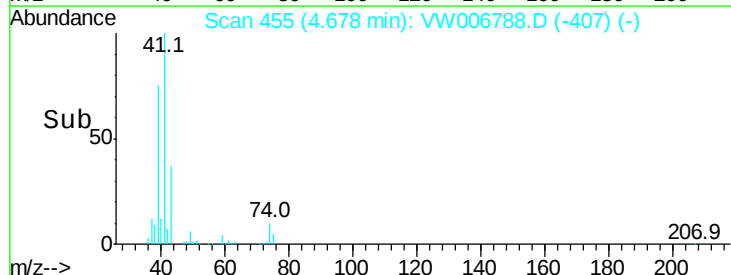
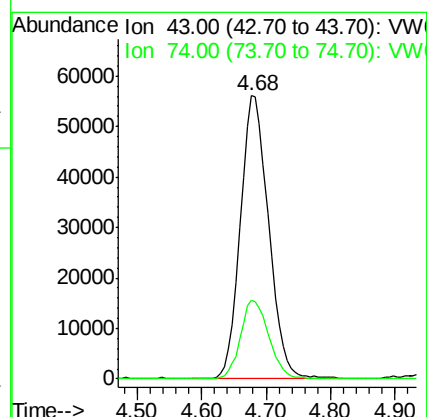
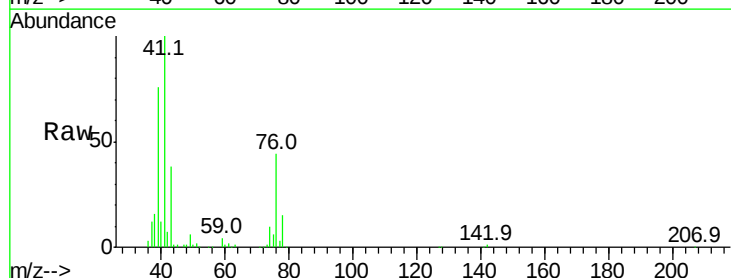
Acq: 09 Nov 2018 14:49

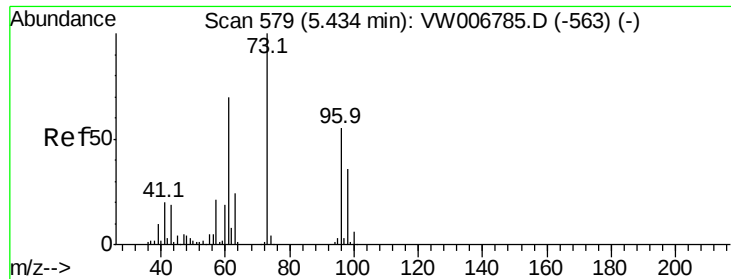
Tgt Ion: 43 Resp: 169859

Ion Ratio Lower Upper

43 100

74 28.1 21.8 32.8

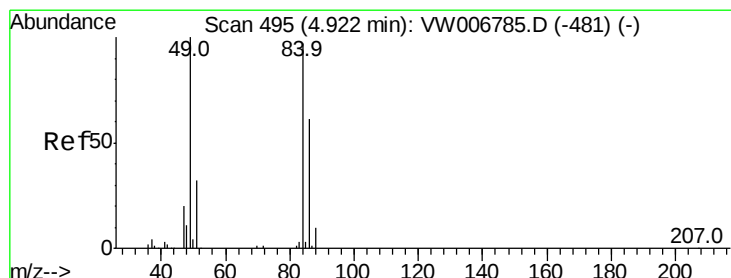
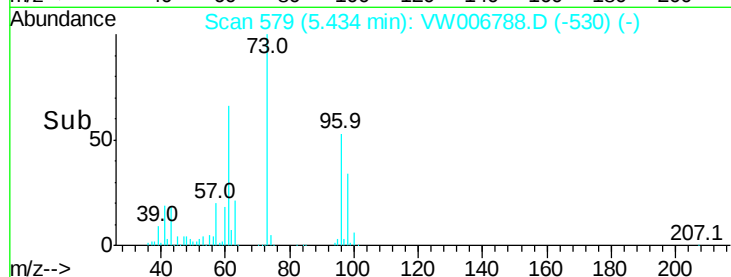
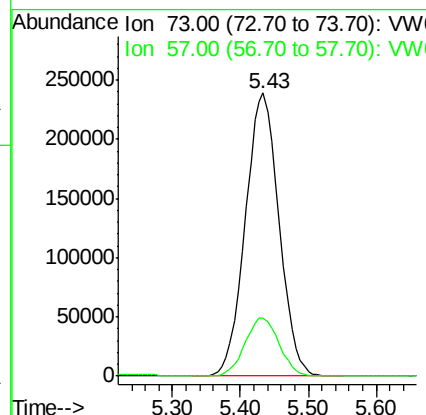
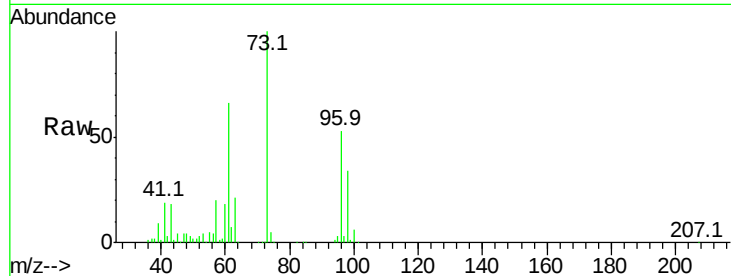




#19
Methyl tert-butyl Ether
Concen: 213.878 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

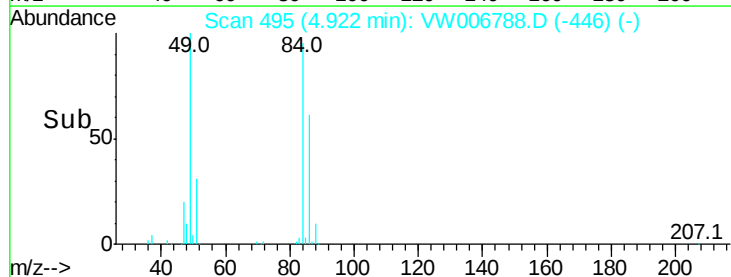
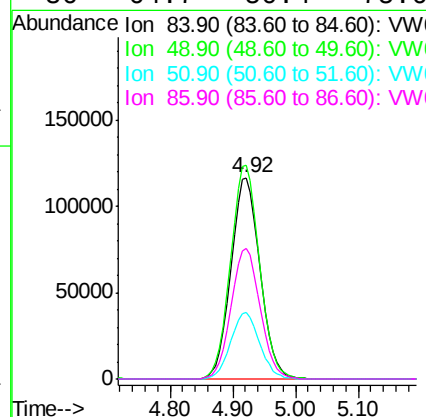
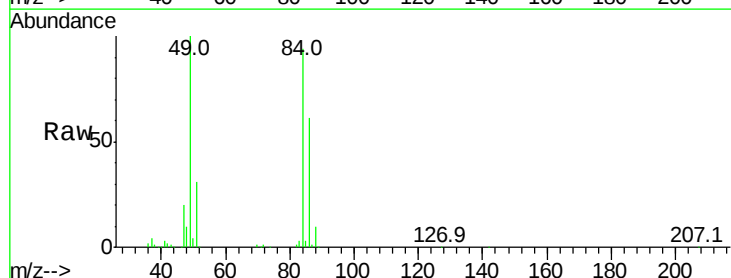
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

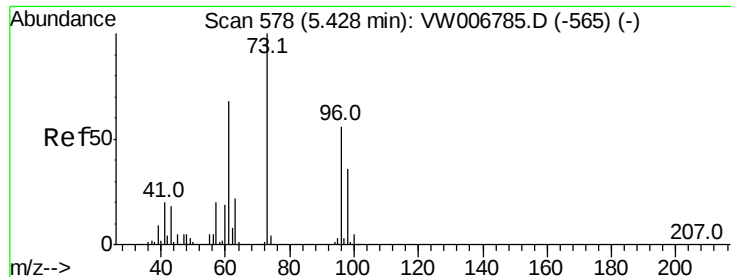
Tgt Ion: 73 Resp: 822375
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.6



#20
Methylene Chloride
Concen: 109.173 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 84 Resp: 373598
Ion Ratio Lower Upper
84 100
49 106.0 82.4 123.6
51 32.8 26.7 40.1
86 64.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 133.279 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

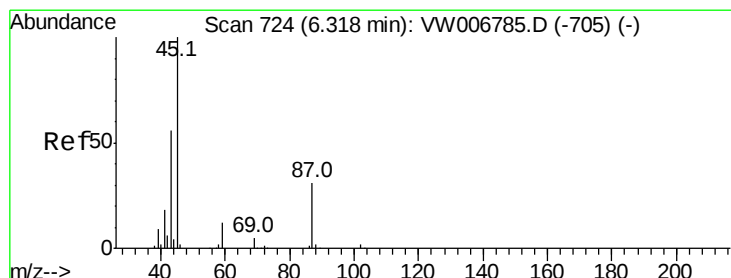
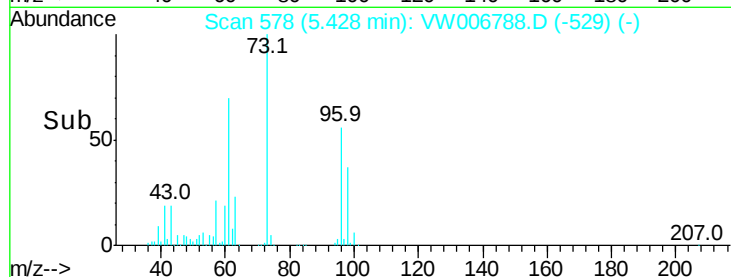
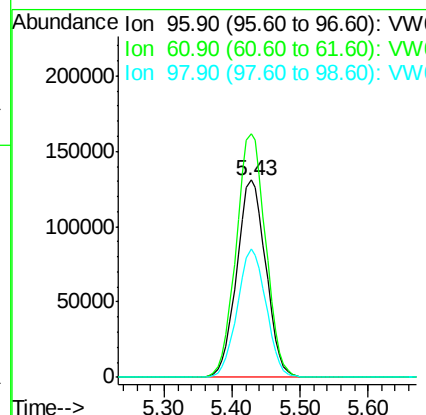
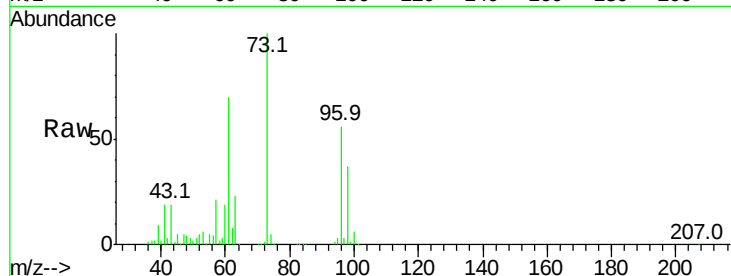
Tgt Ion: 96 Resp: 389572

Ion Ratio Lower Upper

96 100

61 123.3 97.6 146.4

98 64.9 51.6 77.4



#22

Diisopropyl ether

Concen: 136.344 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion: 45 Resp: 958433

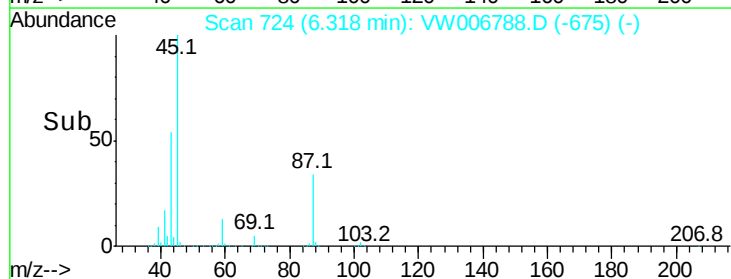
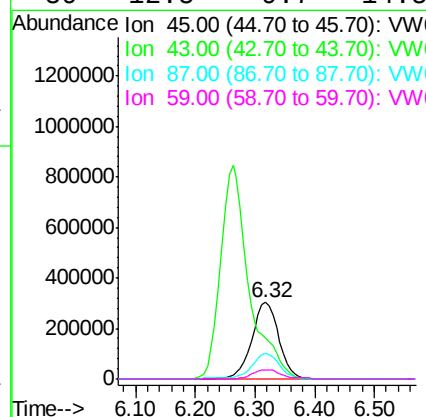
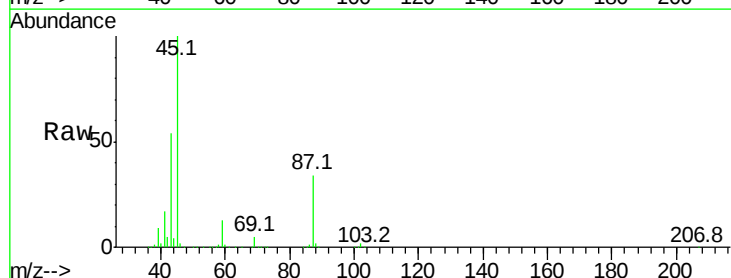
Ion Ratio Lower Upper

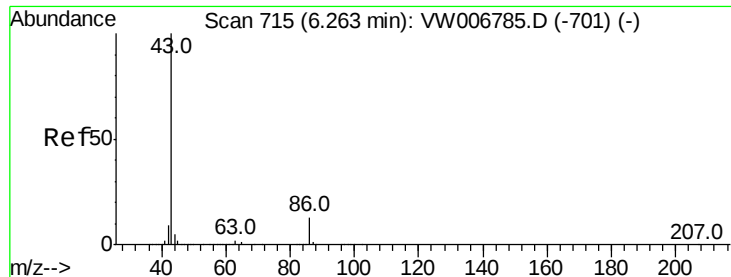
45 100

43 53.7 44.6 66.8

87 34.1 25.5 38.3

59 12.5 9.7 14.5





#23

Vinyl Acetate

Concen: 719.736 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

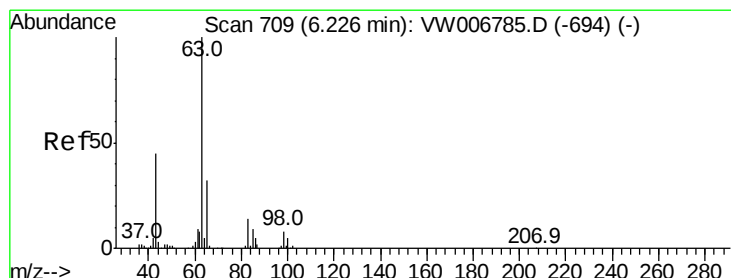
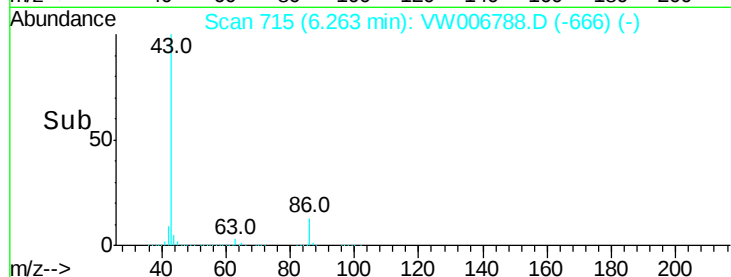
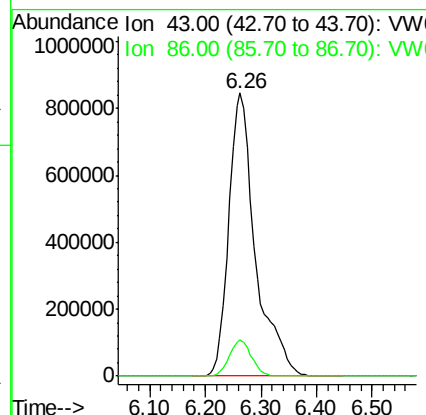
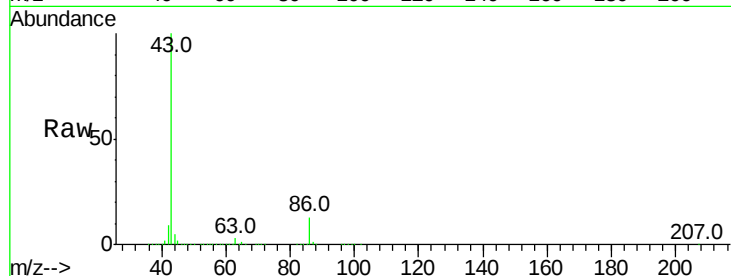
VSTDIC150

Tgt Ion: 43 Resp: 2805681

Ion Ratio Lower Upper

43 100

86 12.6 10.0 15.0



#24

1,1-Dichloroethane

Concen: 128.298 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

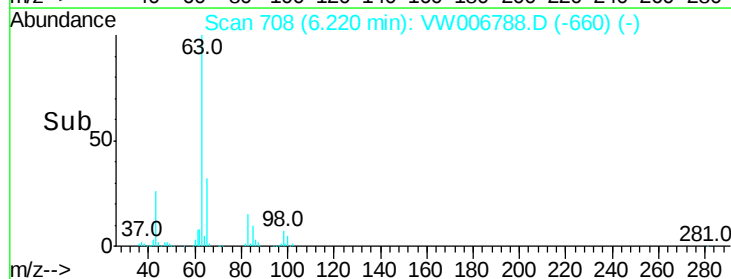
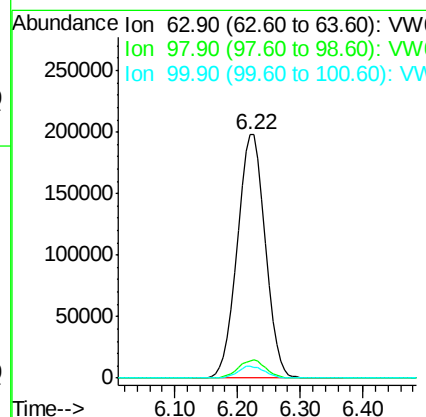
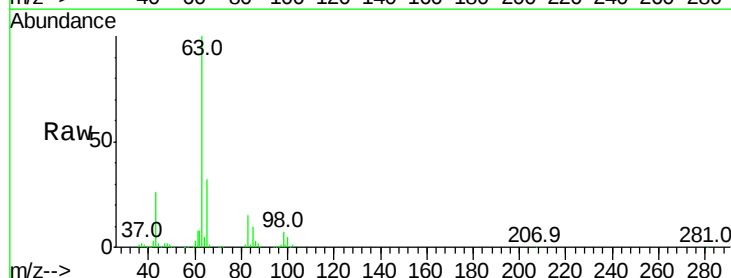
Tgt Ion: 63 Resp: 611234

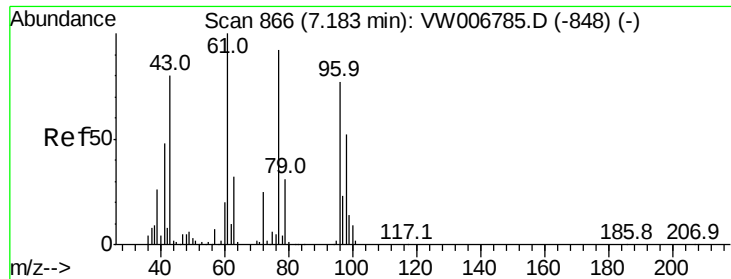
Ion Ratio Lower Upper

63 100

98 7.2 4.0 12.2

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 650.466 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

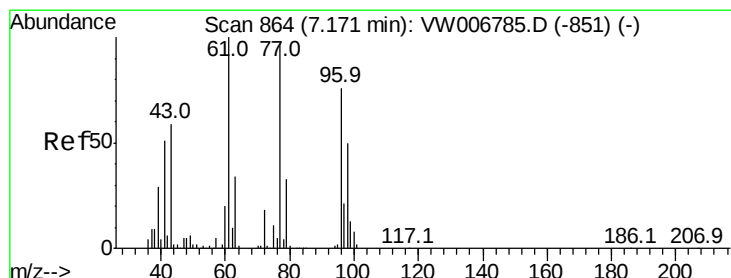
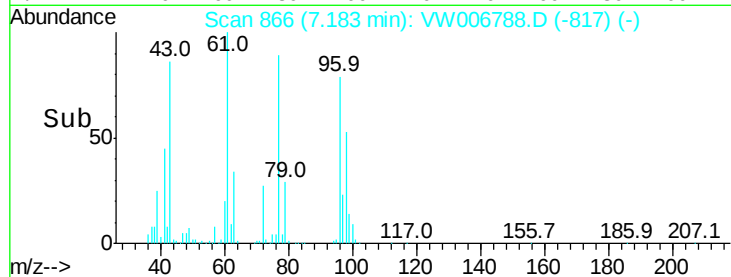
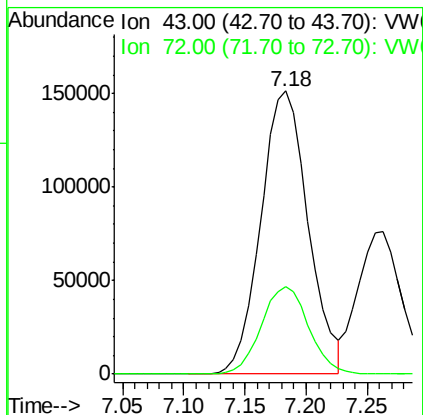
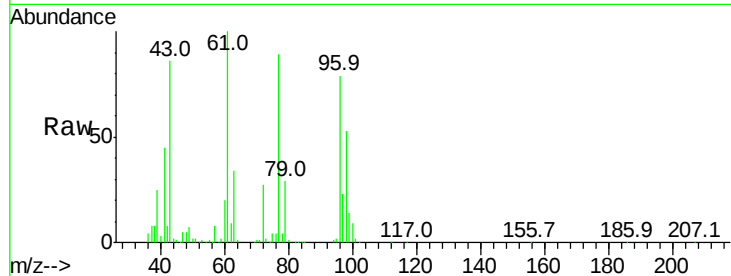
VSTDIC150

Tgt Ion: 43 Resp: 407944

Ion Ratio Lower Upper

43 100

72 30.9 24.5 36.7



#26

2,2-Dichloropropane

Concen: 185.049 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006788.D

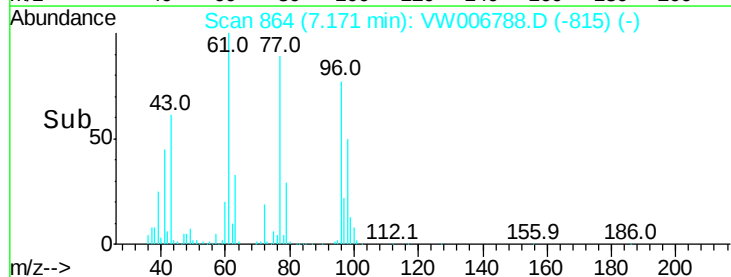
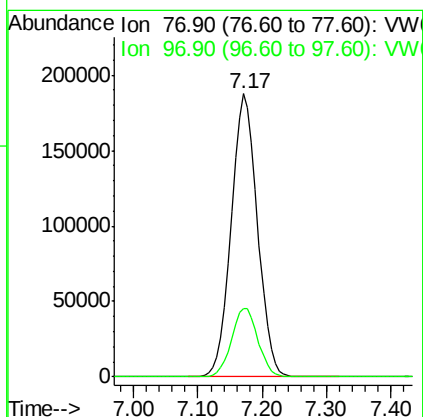
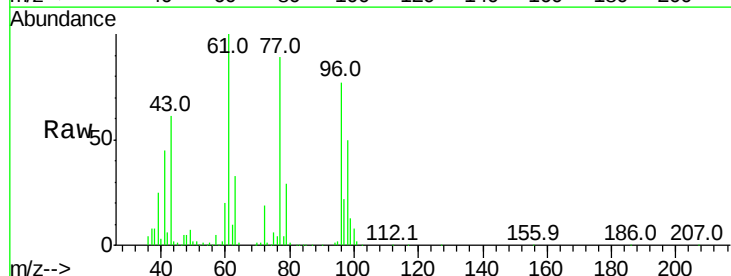
Acq: 09 Nov 2018 14:49

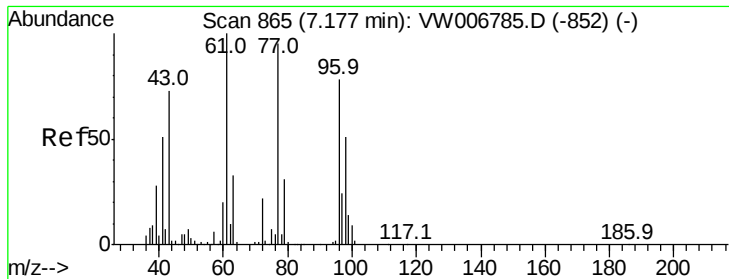
Tgt Ion: 77 Resp: 531063

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.5



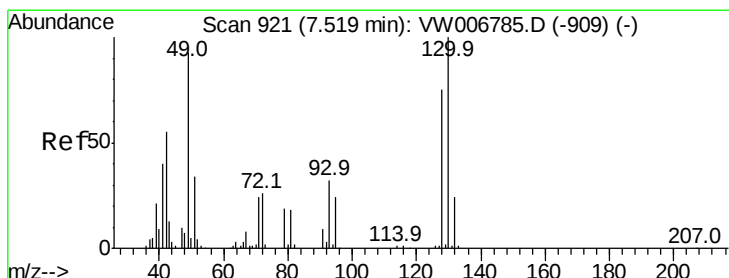
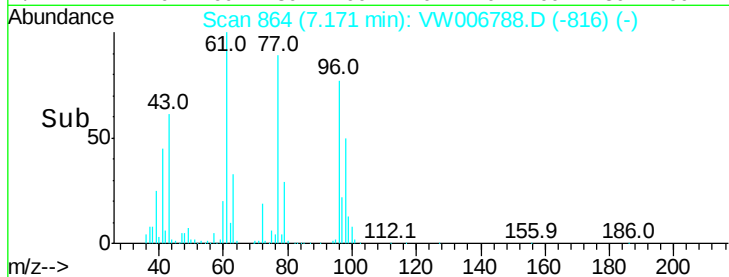
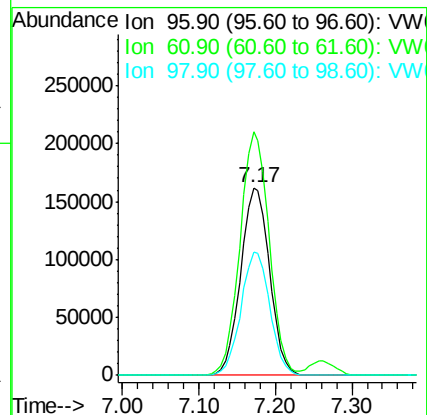
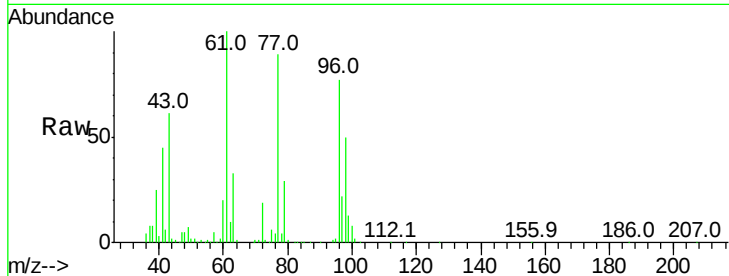


#27

cis-1,2-Dichloroethene
 Concen: 129.759 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

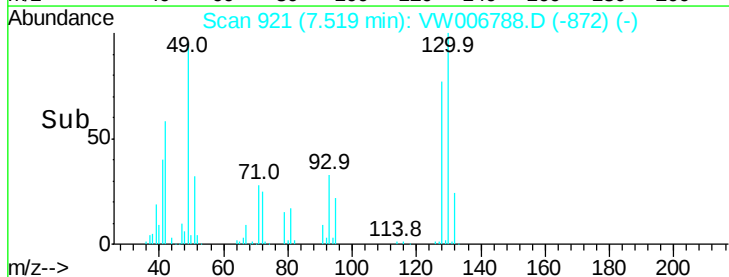
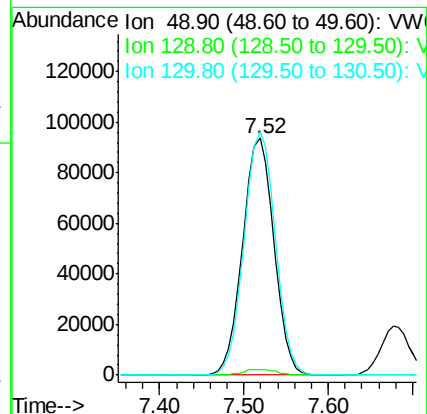
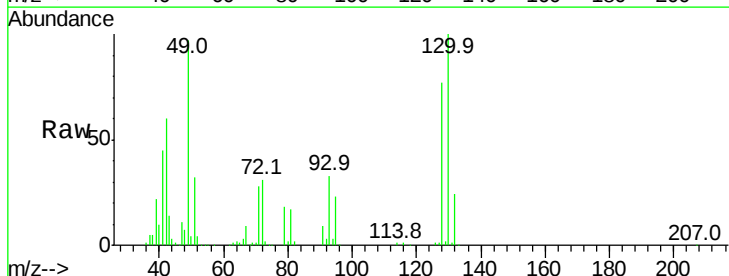
Tgt Ion: 96 Resp: 424332
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 264.4
 98 65.6 0.0 130.0

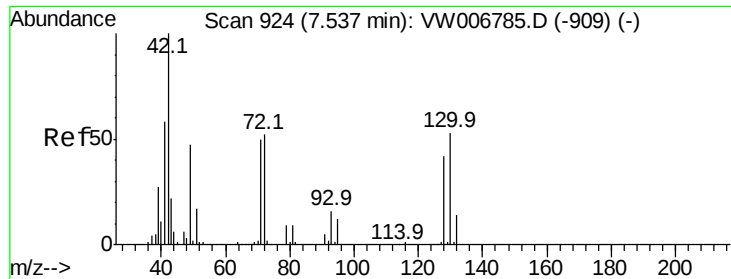


#28

Bromochloromethane
 Concen: 124.302 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion: 49 Resp: 235150
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 102.3 81.5 122.3

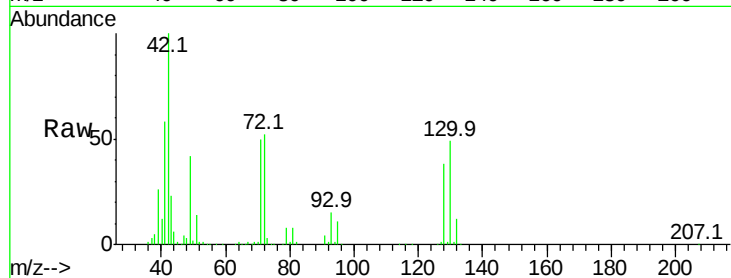




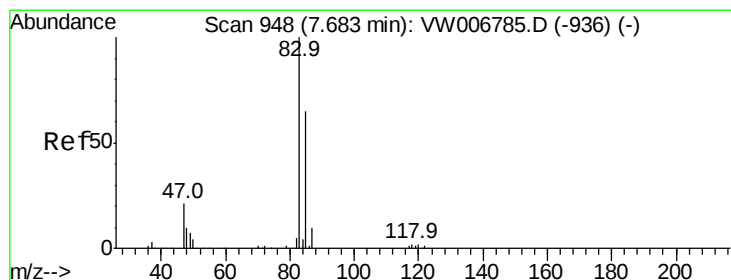
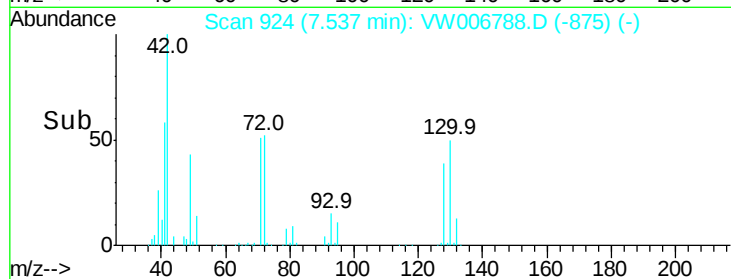
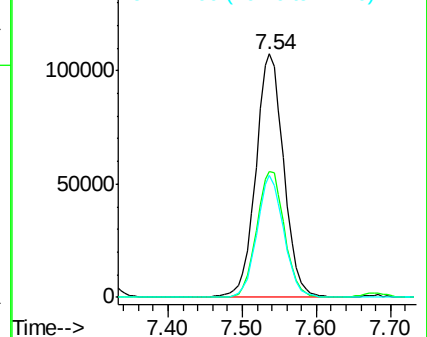
#29
Tetrahydrofuran
Concen: 713.460 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 281437
Ion Ratio Lower Upper
42 100
72 51.4 39.8 59.8
71 47.9 37.8 56.6

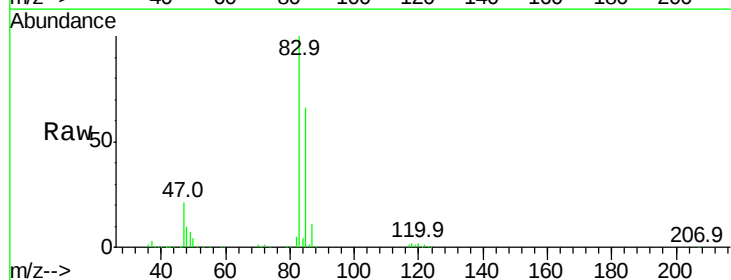


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

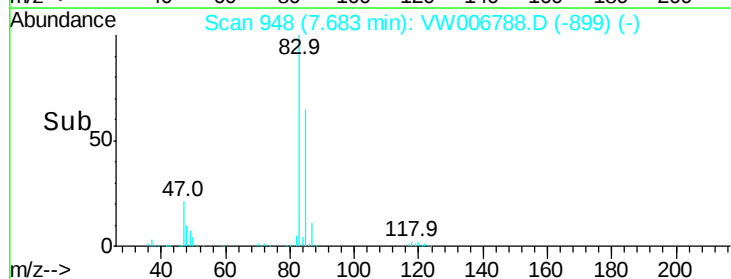
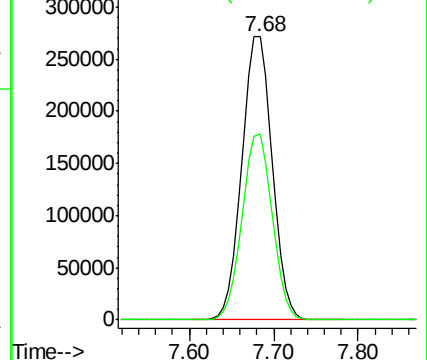


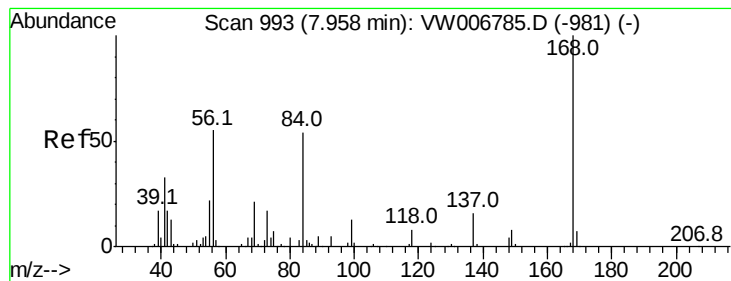
#30
Chloroform
Concen: 126.586 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 83 Resp: 661200
Ion Ratio Lower Upper
83 100
85 65.5 52.1 78.1



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





#31

Cyclohexane

Concen: 126.281 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

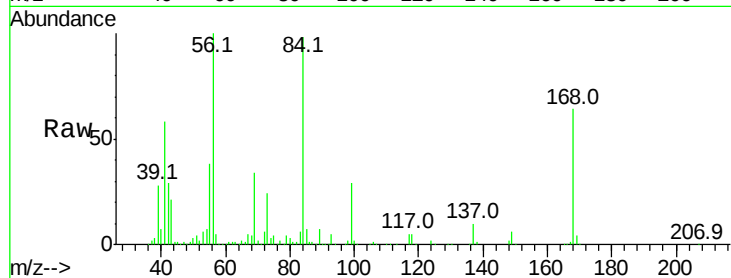
Tgt Ion: 56 Resp: 547567

Ion Ratio Lower Upper

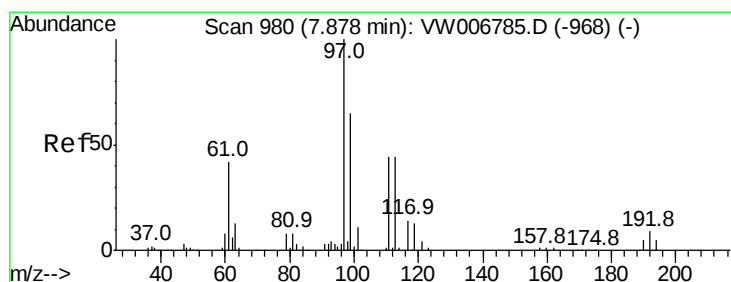
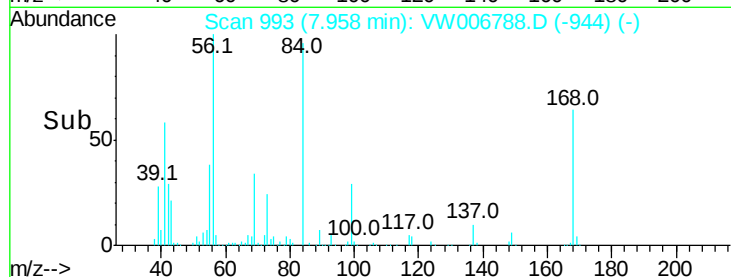
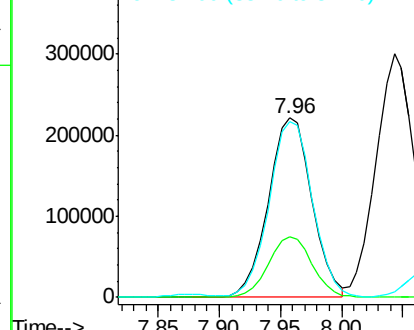
56 100

69 33.9 30.3 45.5

84 96.7 78.2 117.2



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: 134.725 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

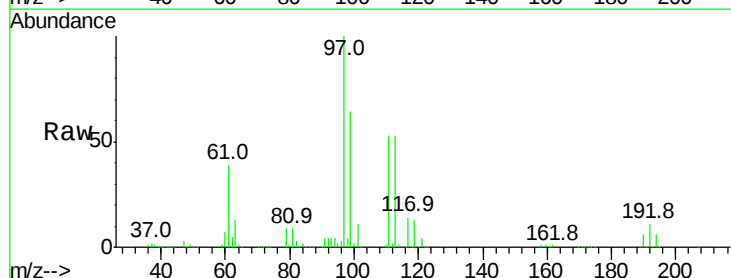
Tgt Ion: 97 Resp: 595468

Ion Ratio Lower Upper

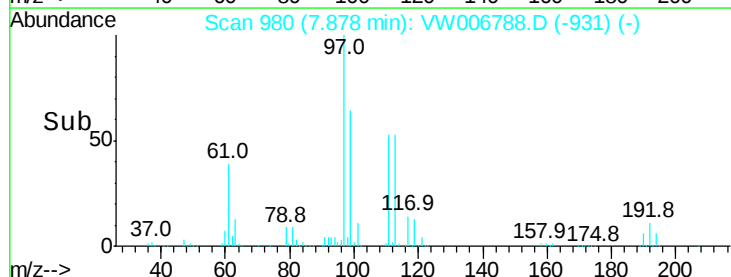
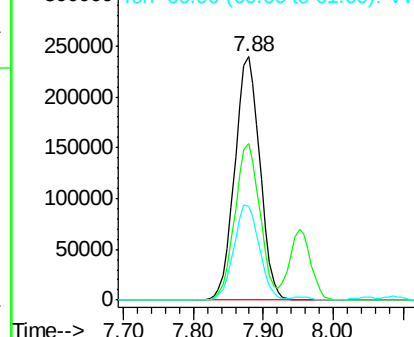
97 100

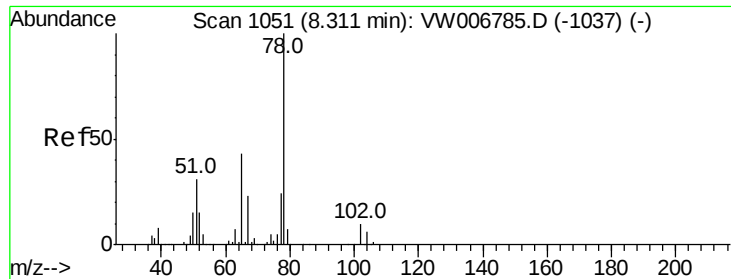
99 64.7 51.4 77.2

61 39.8 32.7 49.1



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: 123.435 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

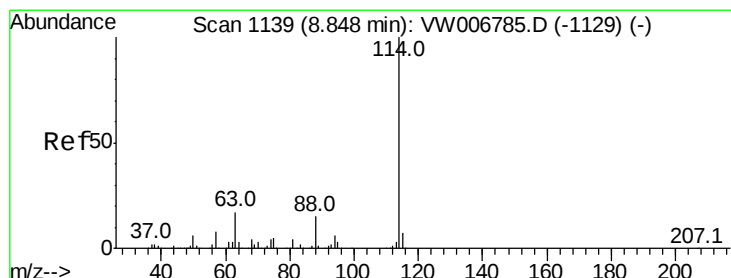
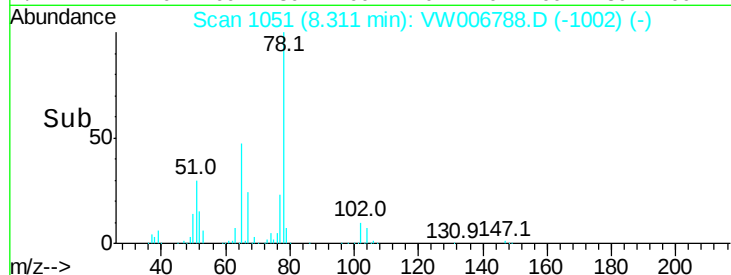
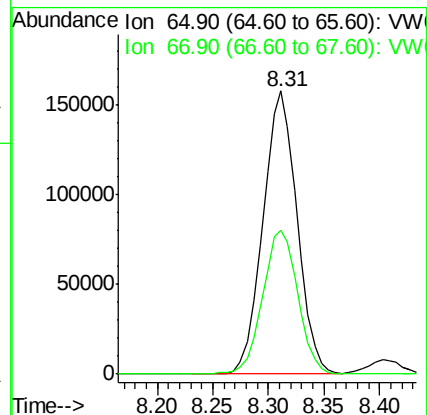
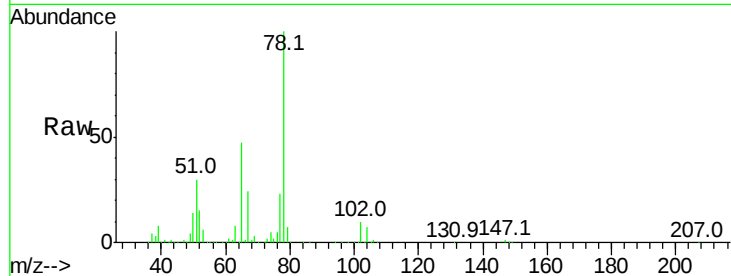
VSTDIC150

Tgt Ion: 65 Resp: 336020

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

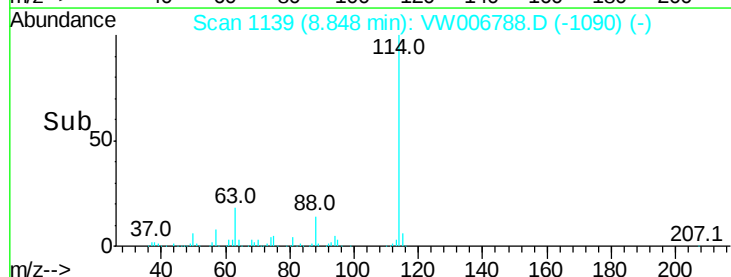
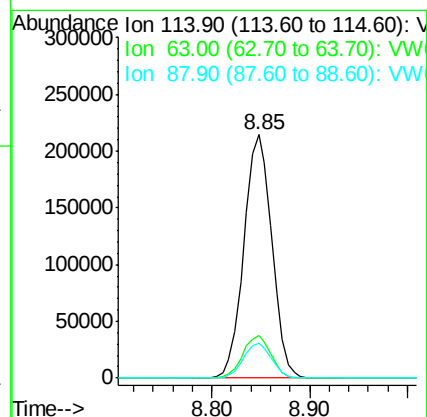
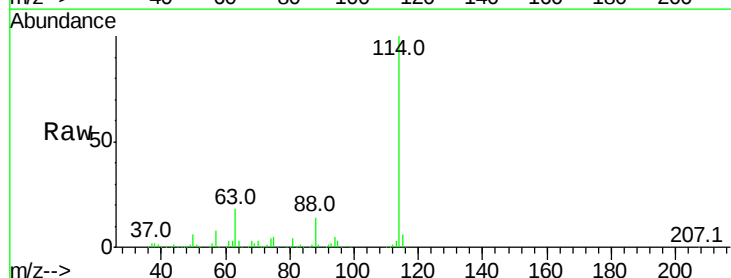
Tgt Ion: 114 Resp: 424546

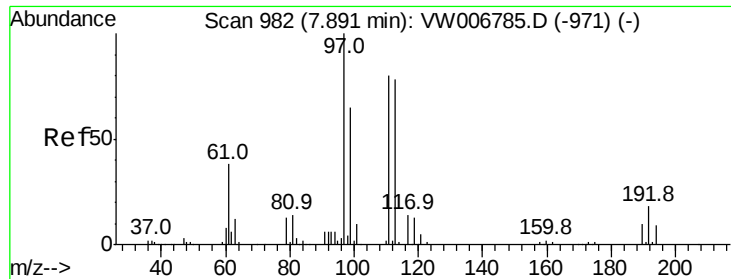
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.5 0.0 29.2

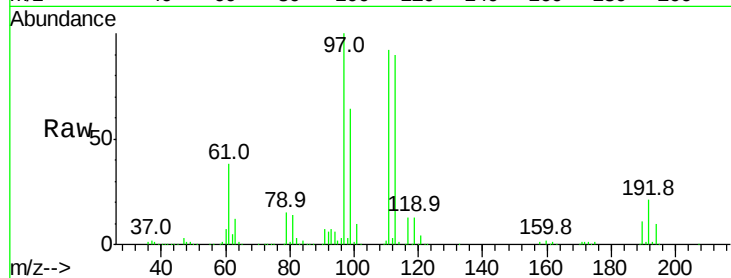




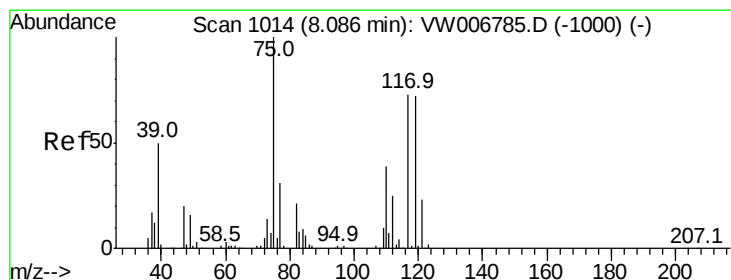
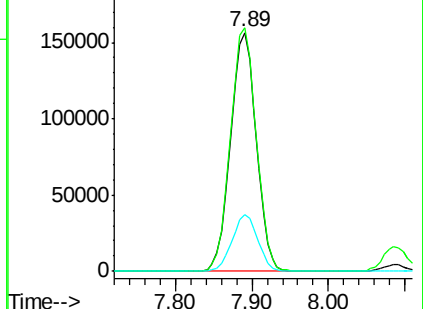
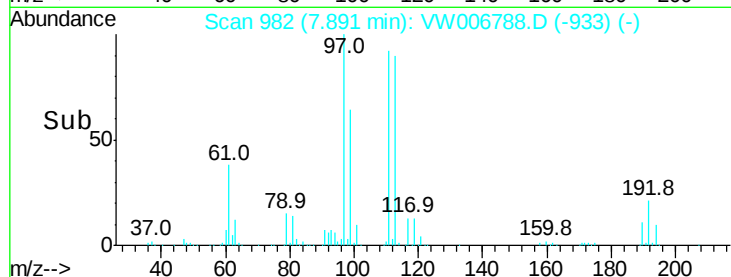
#35
Dibromofluoromethane
Concen: 136.682 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:113 Resp: 364170
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 23.6 19.1 28.7

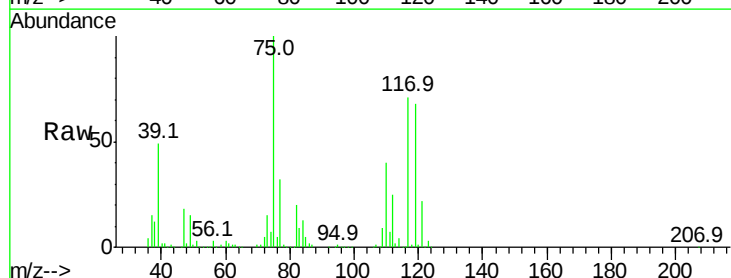


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

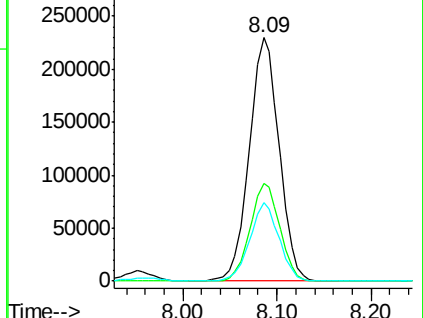
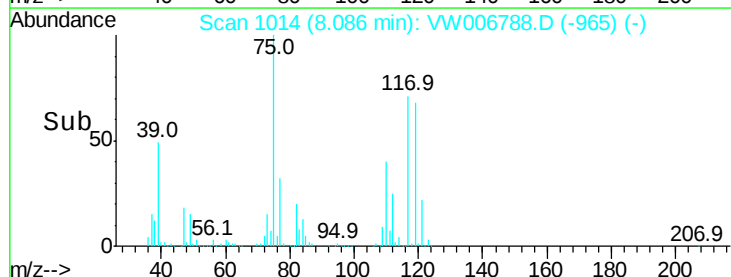


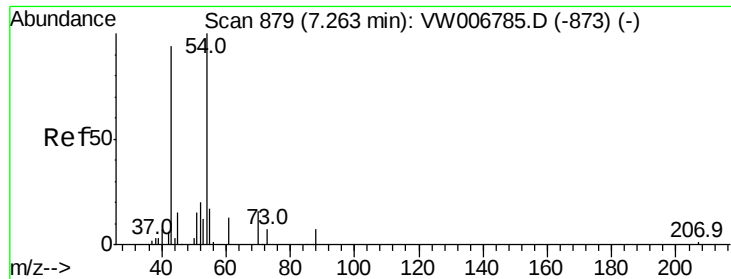
#36
1,1-Dichloropropene
Concen: 136.878 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 75 Resp: 511031
Ion Ratio Lower Upper
75 100
110 39.8 19.6 58.7
77 31.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

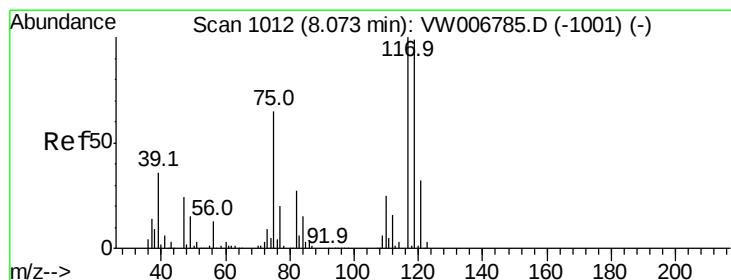
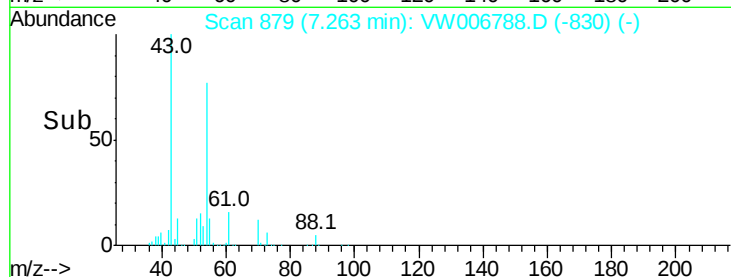
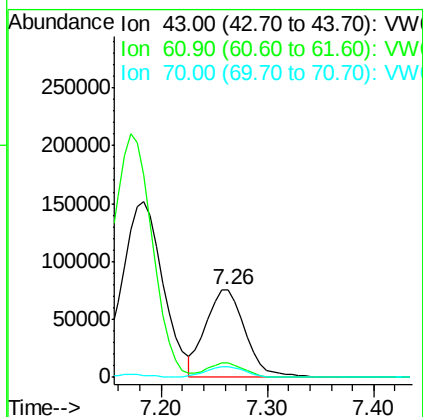
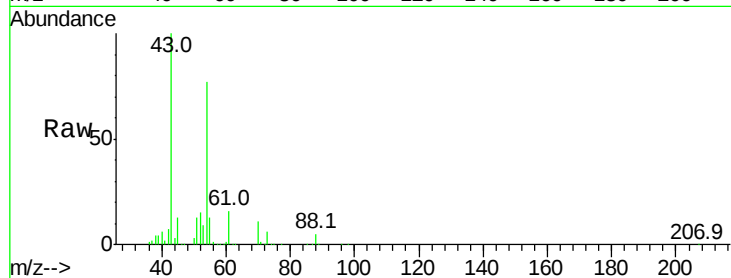




#37
Ethyl Acetate
Concen: 149.546 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

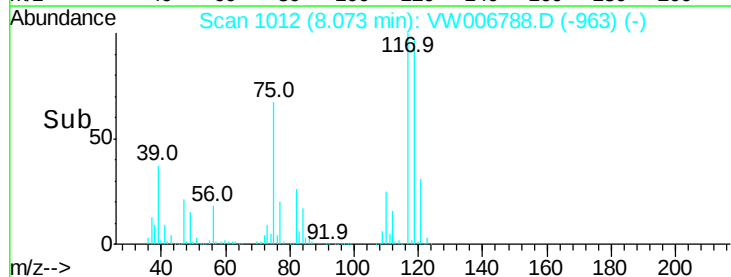
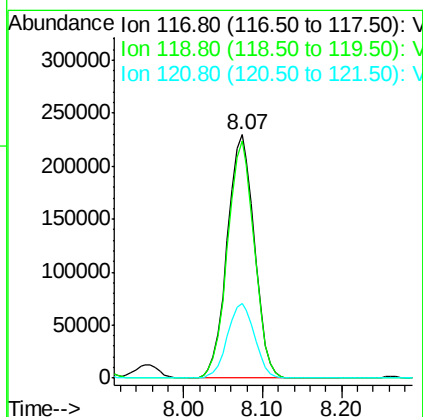
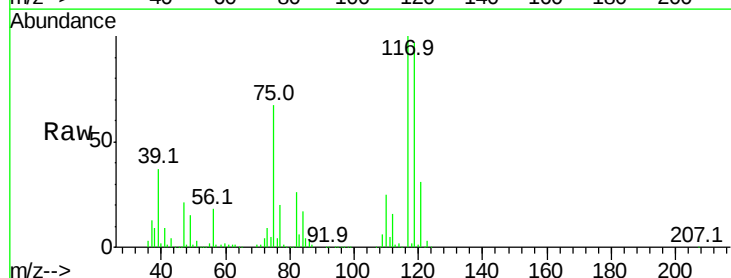
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

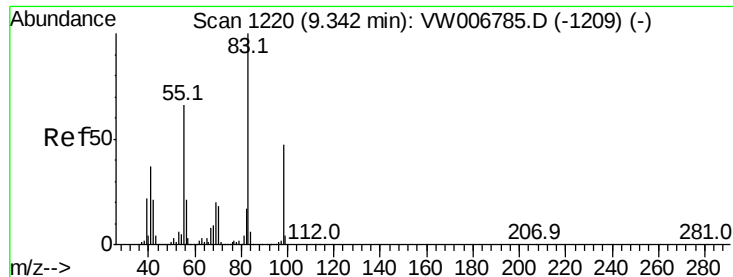
Tgt Ion: 43 Resp: 193484
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 11.8 9.8 14.8



#38
Carbon Tetrachloride
Concen: 140.562 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 117 Resp: 548357
Ion Ratio Lower Upper
117 100
119 97.3 78.9 118.3
121 30.7 25.3 37.9

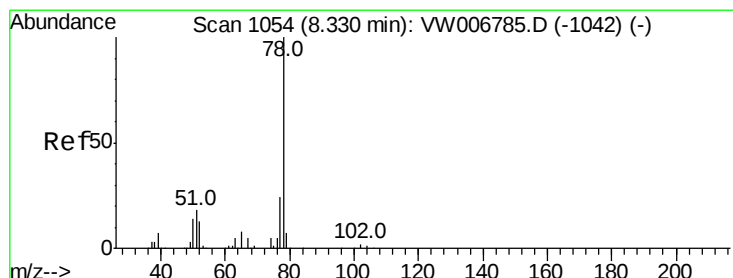
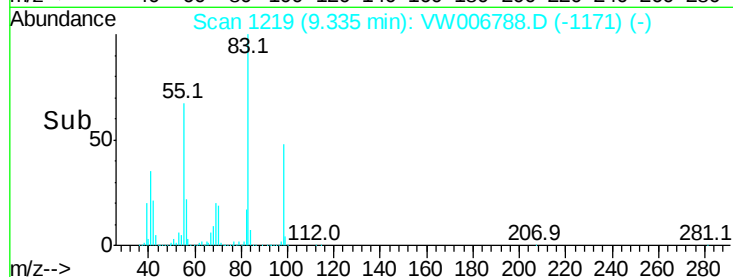
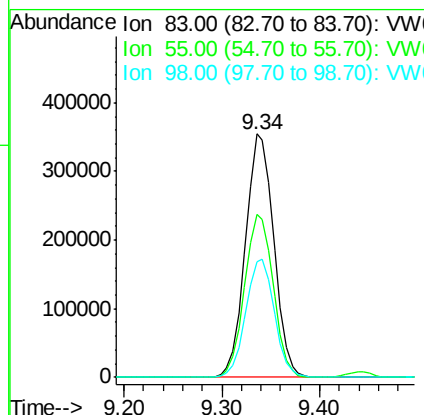
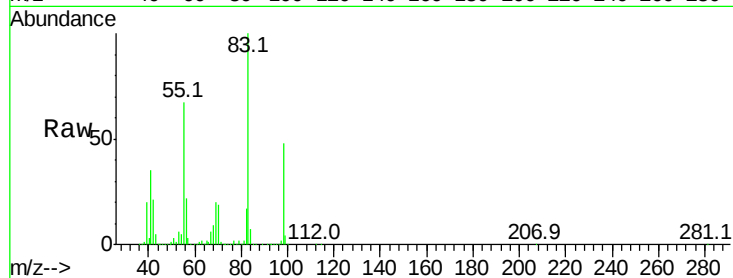




#39
Methylcyclohexane
Concen: 150.667 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

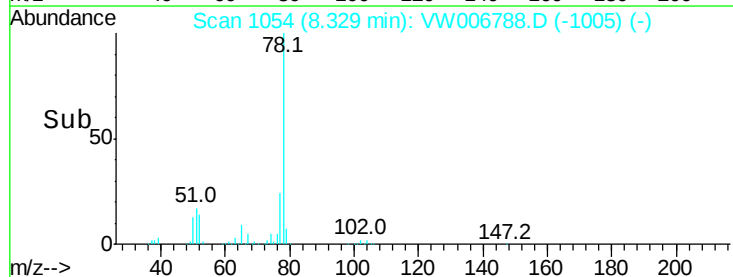
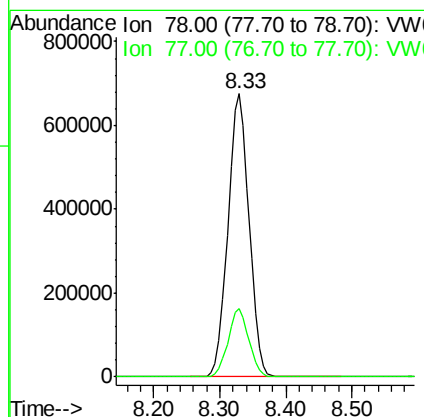
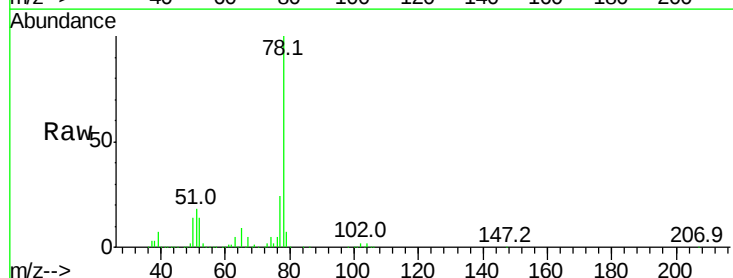
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

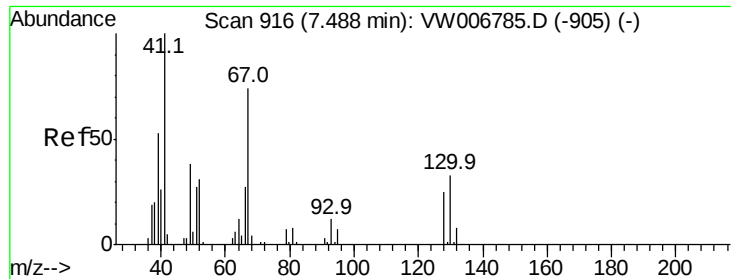
Tgt Ion: 83 Resp: 713842
Ion Ratio Lower Upper
83 100
55 66.7 53.0 79.4
98 47.6 37.9 56.9



#40
Benzene
Concen: 140.245 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 78 Resp: 1487224
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2





#41

Methacrylonitrile

Concen: 157.410 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 124883

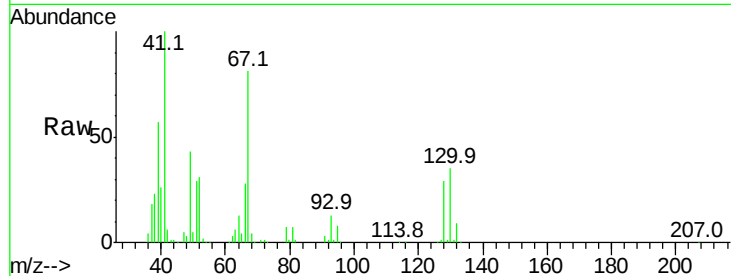
Ion Ratio Lower Upper

41 100

39 54.4 49.3 73.9

67 76.1 69.3 103.9

52 30.0 28.2 42.4

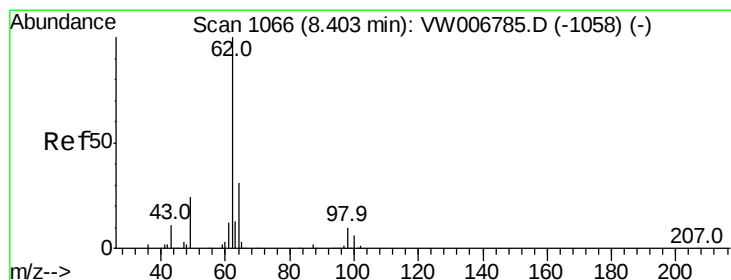
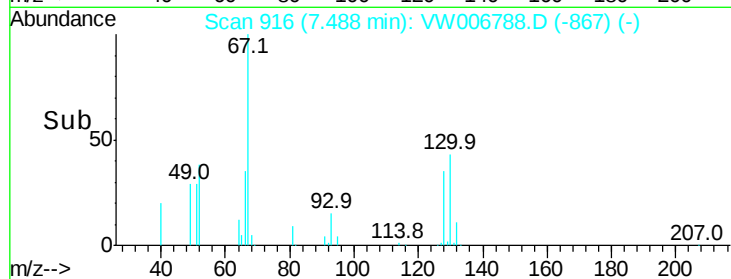
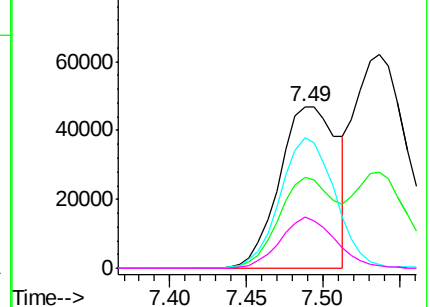


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 133.300 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006788.D

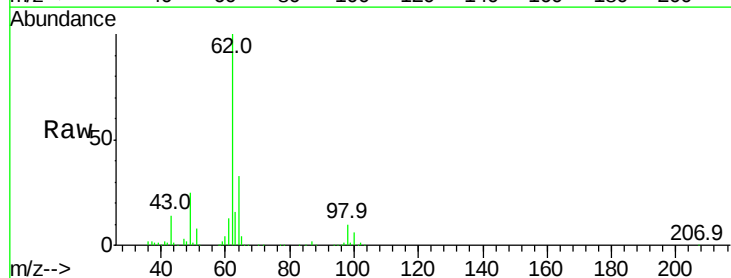
Acq: 09 Nov 2018 14:49

Tgt Ion: 62 Resp: 405393

Ion Ratio Lower Upper

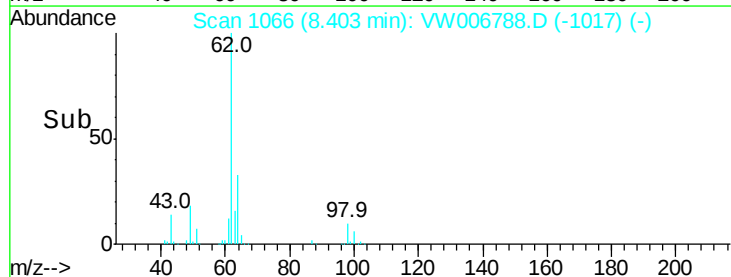
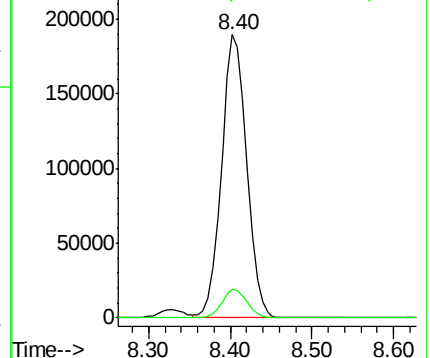
62 100

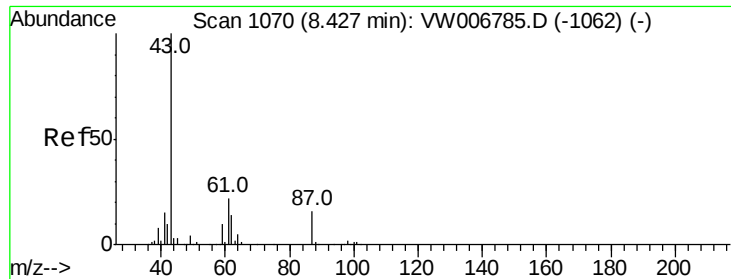
98 10.0 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 153.156 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

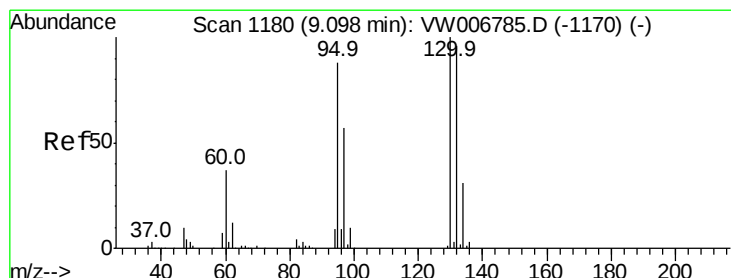
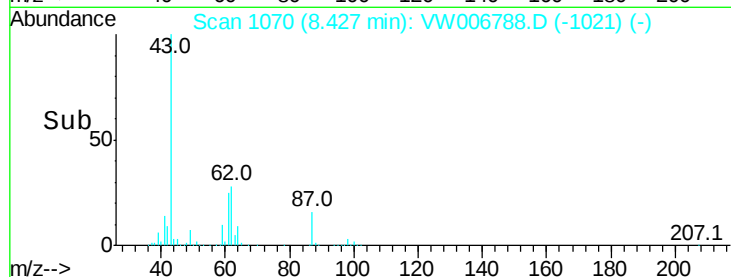
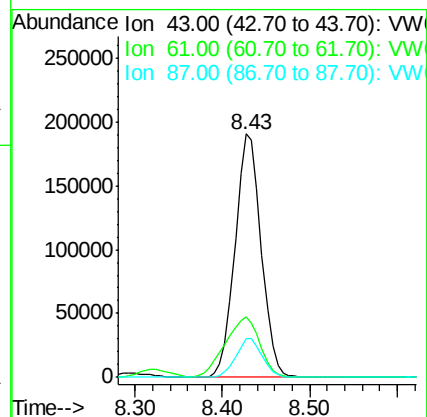
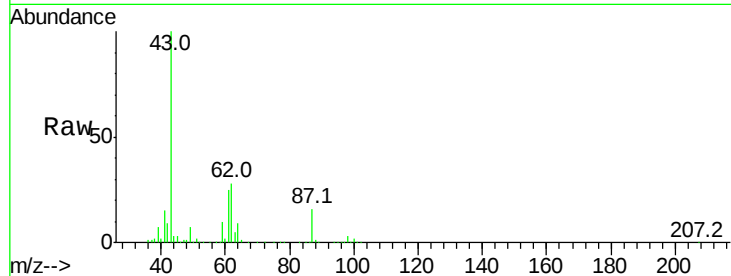
Tgt Ion: 43 Resp: 395416

Ion Ratio Lower Upper

43 100

61 32.8 26.5 39.7

87 16.0 12.8 19.2



#44

Trichloroethene

Concen: 138.182 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006788.D

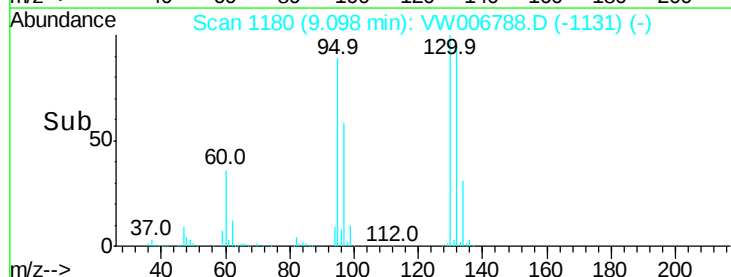
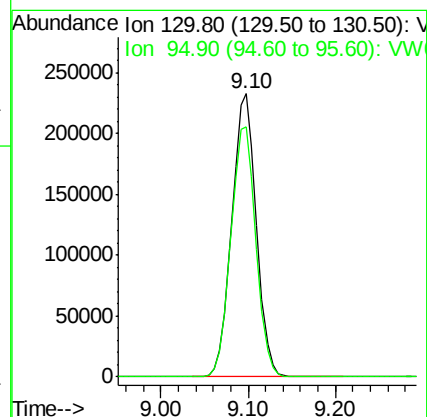
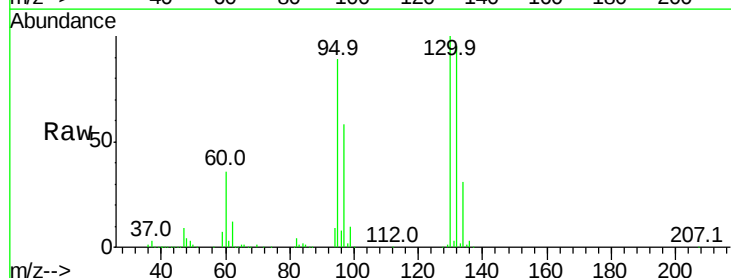
Acq: 09 Nov 2018 14:49

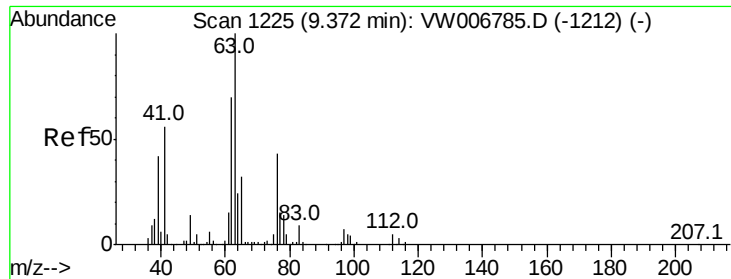
Tgt Ion:130 Resp: 452182

Ion Ratio Lower Upper

130 100

95 88.5 0.0 175.0

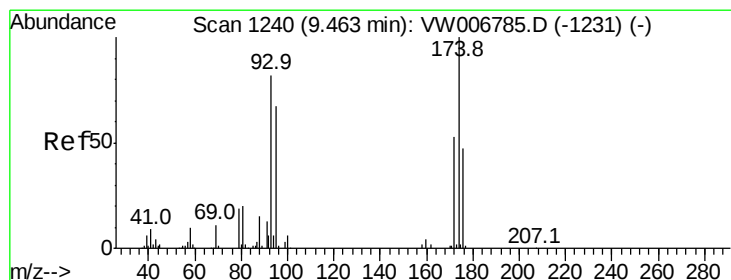
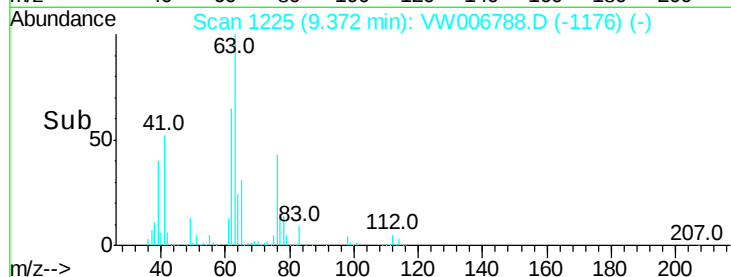
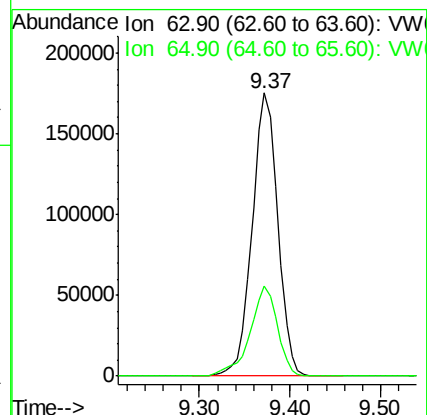
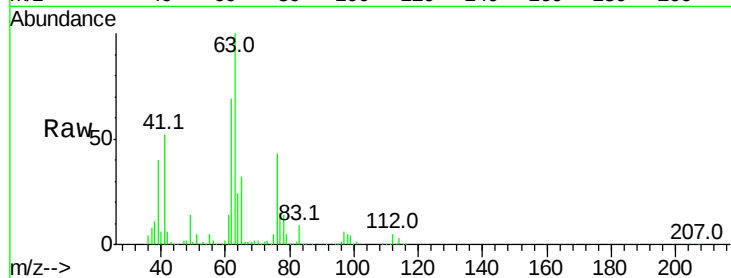




#45
1,2-Dichloropropane
Concen: 139.092 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

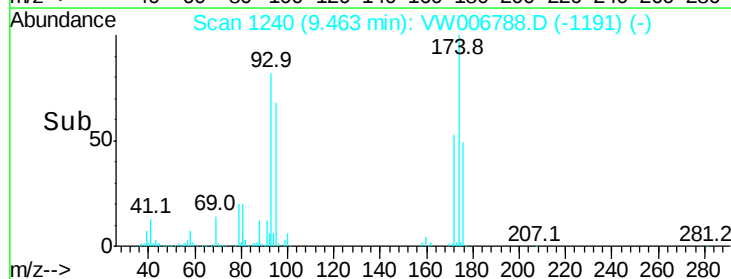
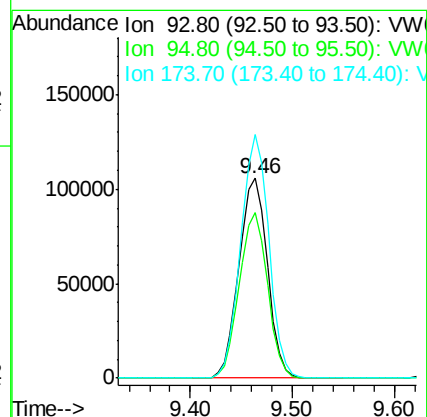
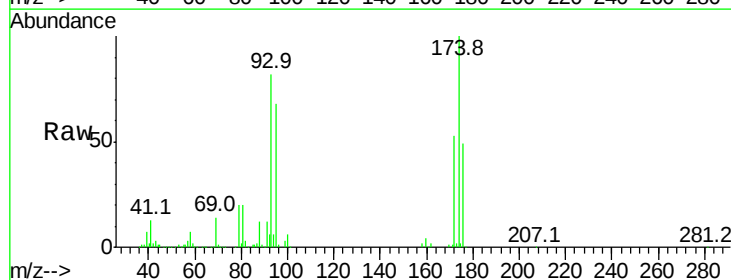
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

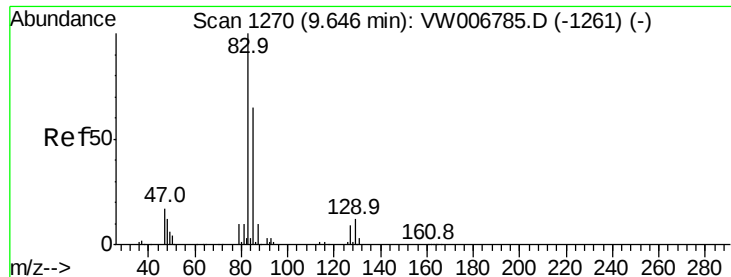
Tgt Ion: 63 Resp: 343259
Ion Ratio Lower Upper
63 100
65 31.8 25.5 38.3



#46
Dibromomethane
Concen: 140.716 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 93 Resp: 204136
Ion Ratio Lower Upper
93 100
95 82.6 65.4 98.0
174 120.1 96.4 144.6





#47

Bromodichloromethane

Concen: 141.608 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

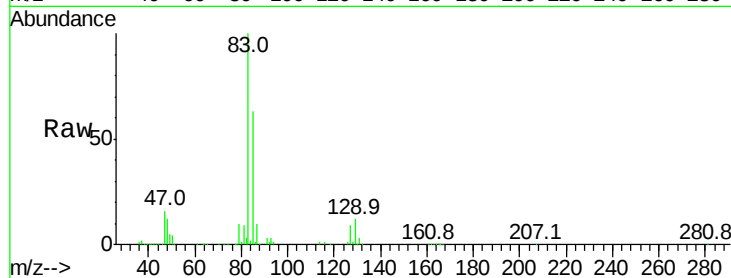
Tgt Ion: 83 Resp: 476993

Ion Ratio Lower Upper

83 100

85 63.5 51.6 77.4

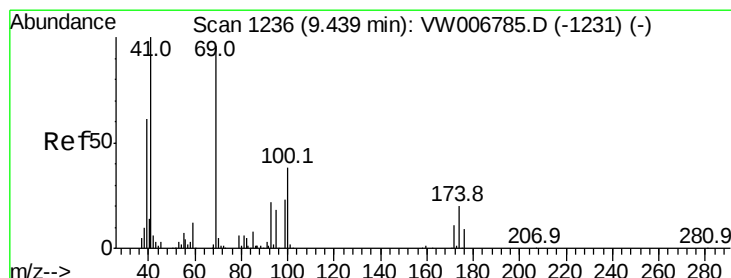
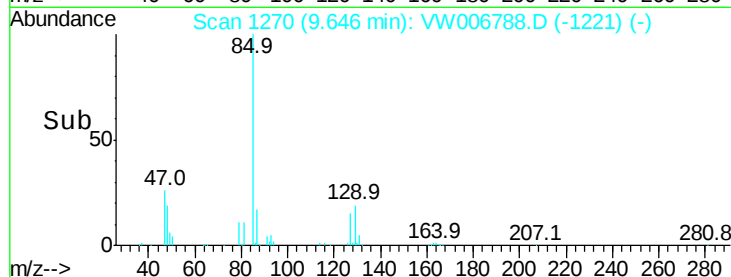
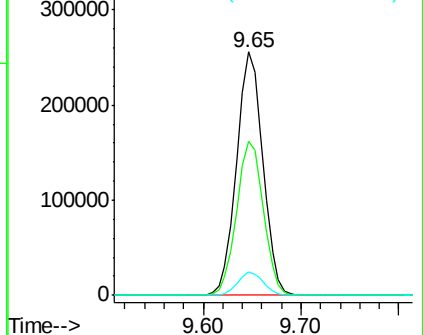
127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 151.362 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

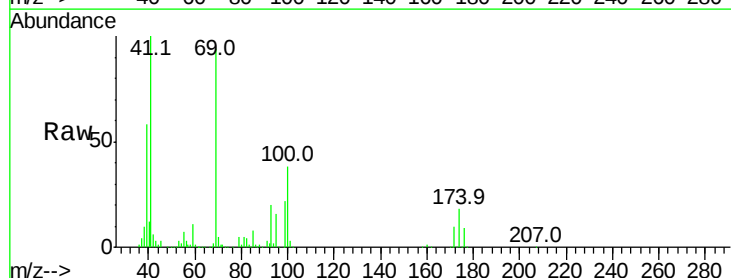
Tgt Ion: 41 Resp: 188277

Ion Ratio Lower Upper

41 100

69 101.5 81.5 122.3

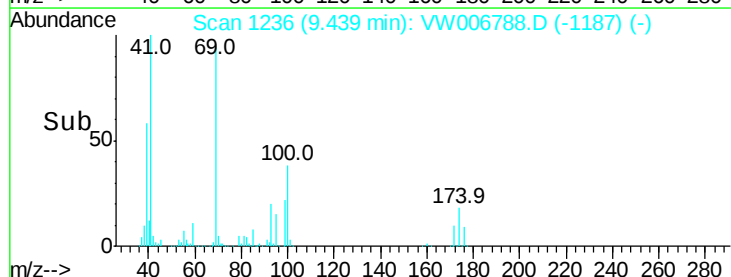
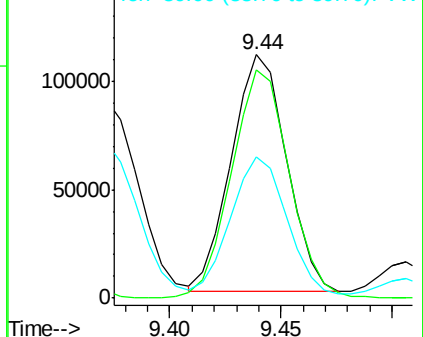
39 58.5 48.0 72.0

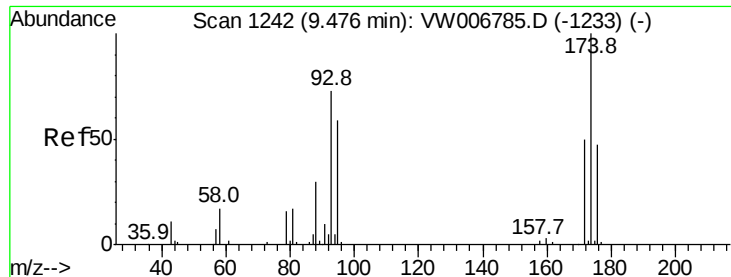


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

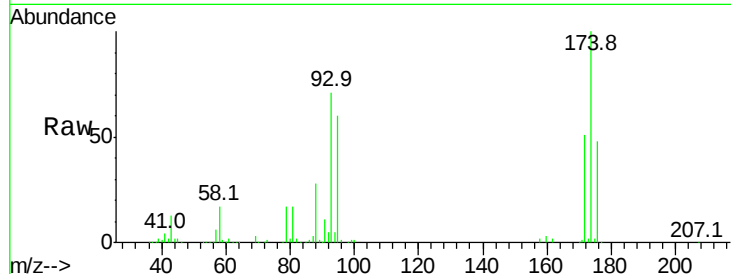




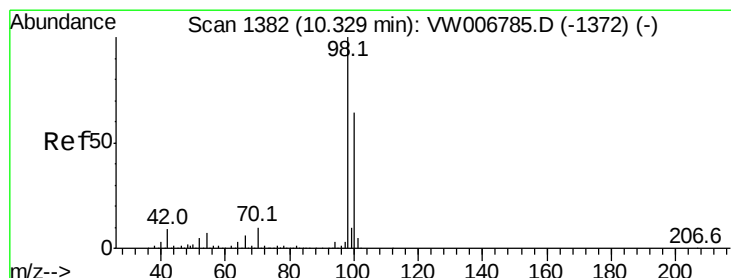
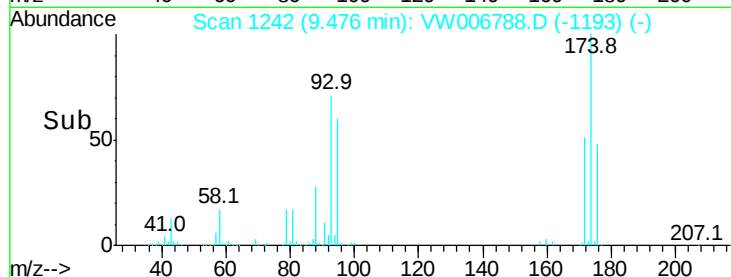
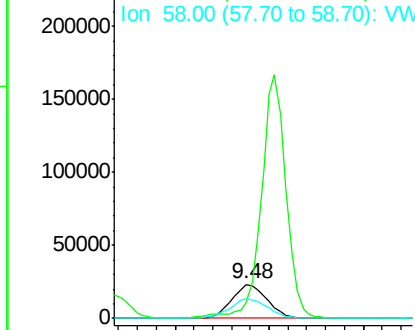
#49
1,4-Dioxane
Concen: 2847.241 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 60449
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 63.7 53.7 80.5

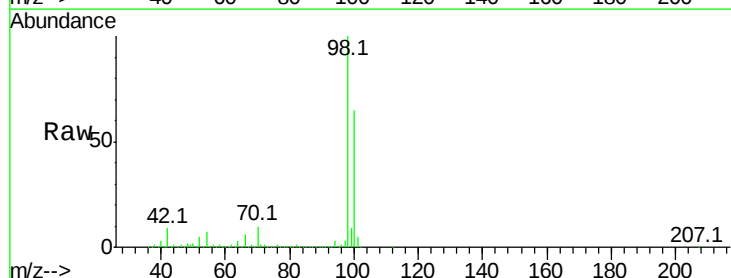


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

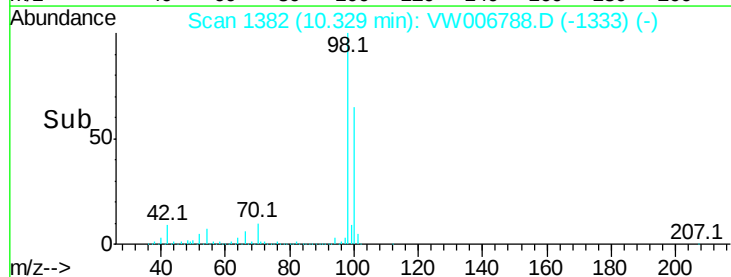
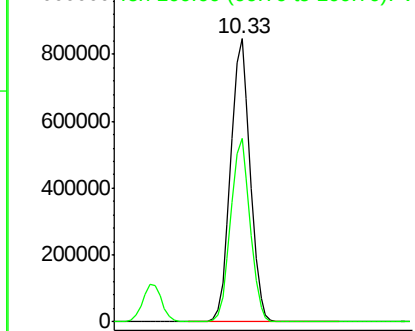


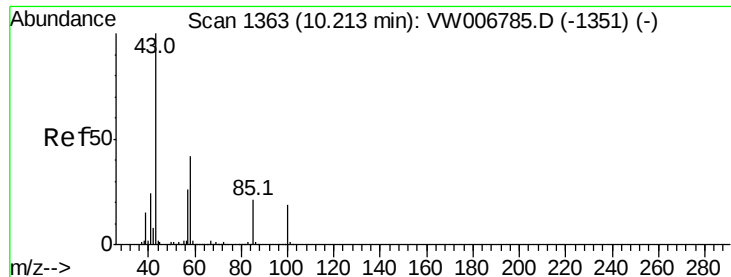
#50
Toluene-d8
Concen: 143.541 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 98 Resp: 1455904
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



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: 741.367 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

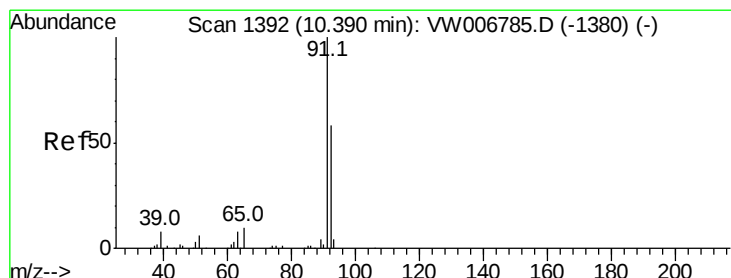
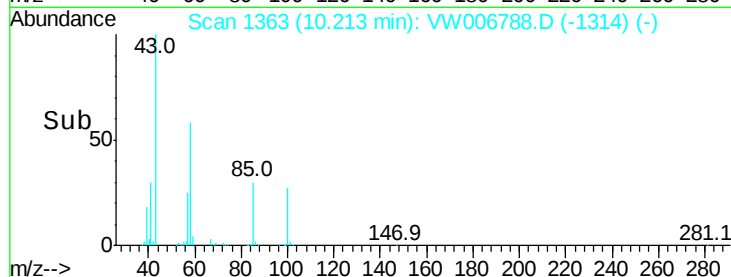
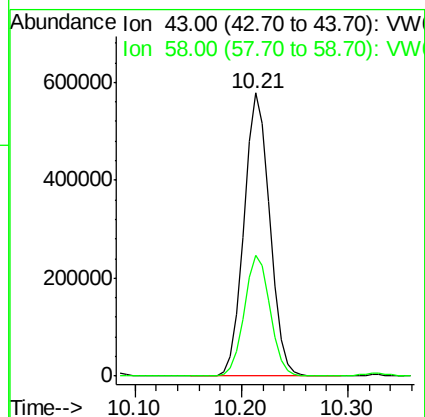
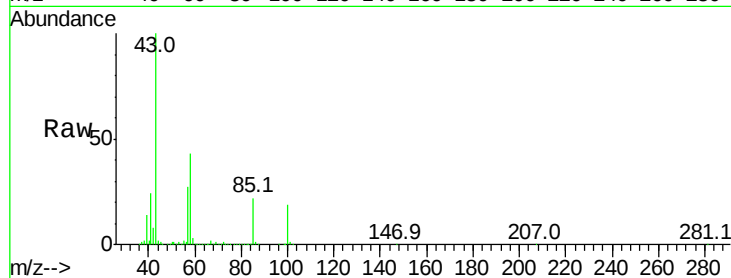
VSTDIC150

Tgt Ion: 43 Resp: 983020

Ion Ratio Lower Upper

43 100

58 42.6 33.2 49.8



#52

Toluene

Concen: 150.025 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006788.D

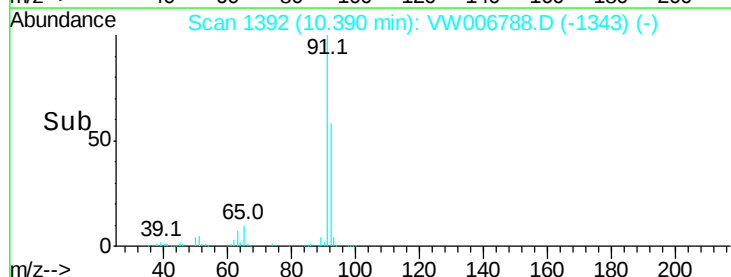
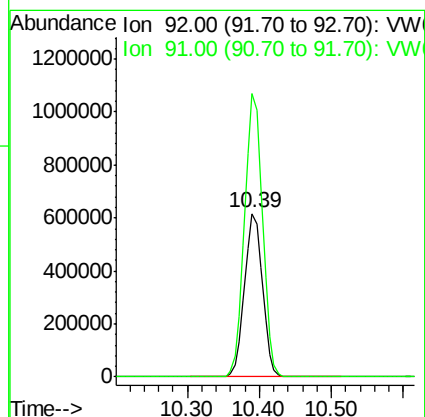
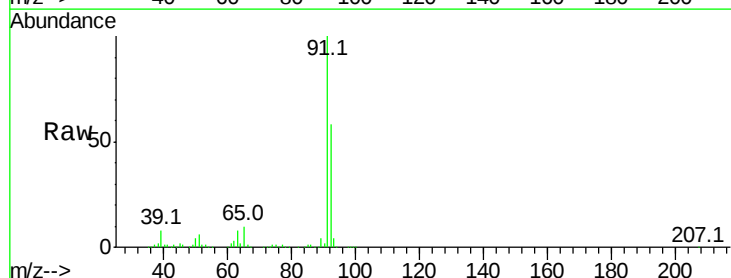
Acq: 09 Nov 2018 14:49

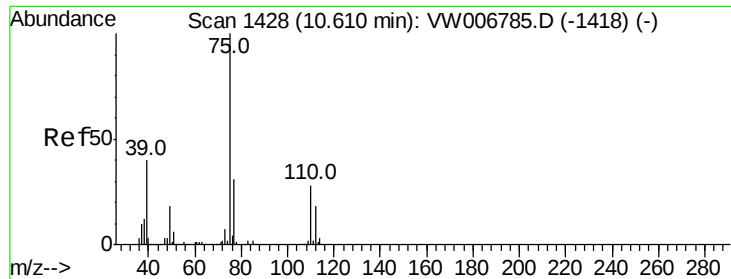
Tgt Ion: 92 Resp: 1067066

Ion Ratio Lower Upper

92 100

91 172.9 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 157.444 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

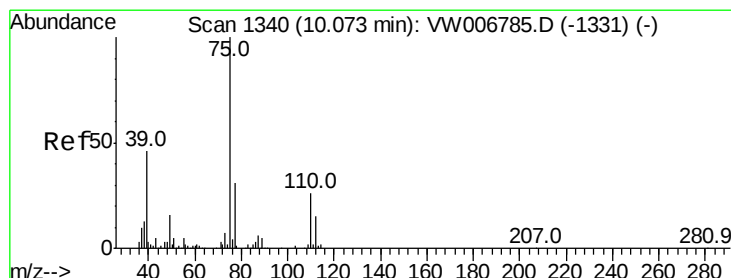
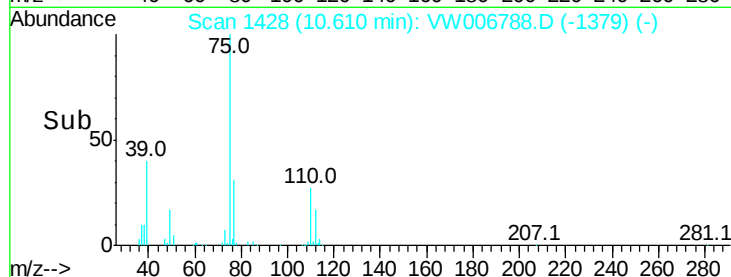
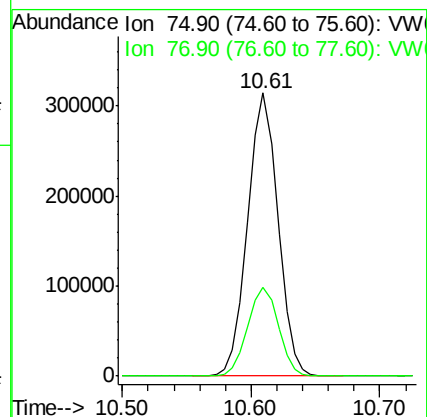
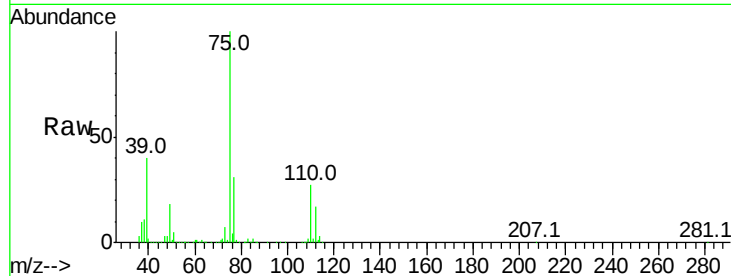
VSTDIC150

Tgt Ion: 75 Resp: 510400

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 151.298 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

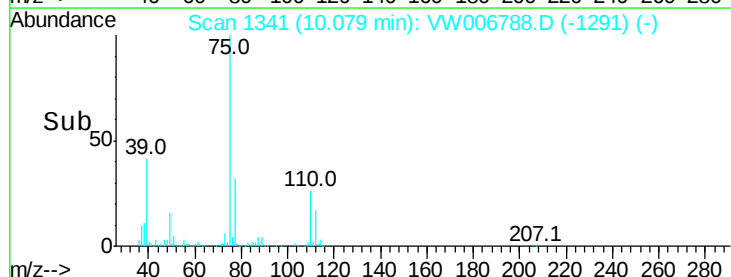
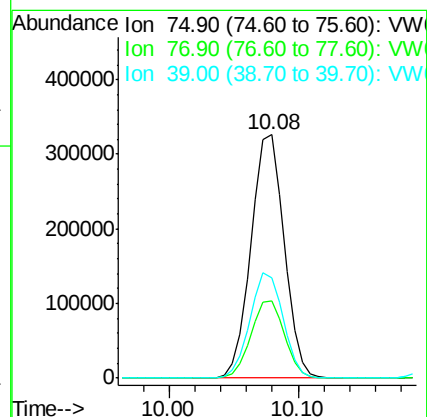
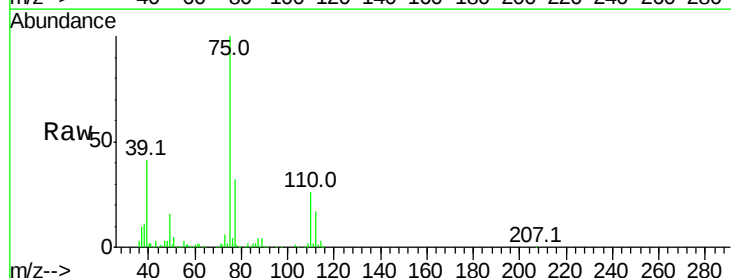
Tgt Ion: 75 Resp: 579597

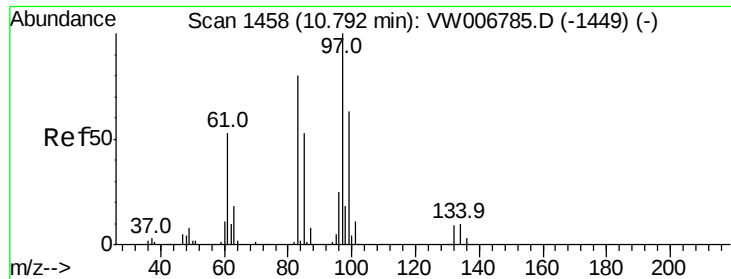
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 41.4 37.1 55.7

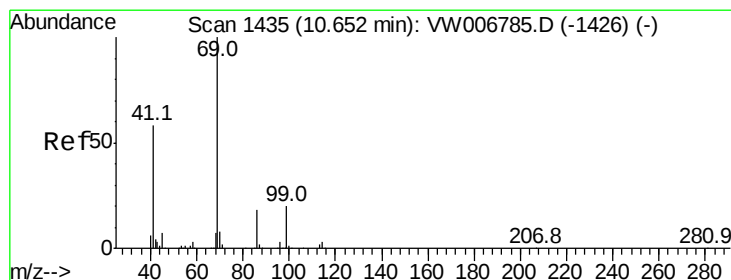
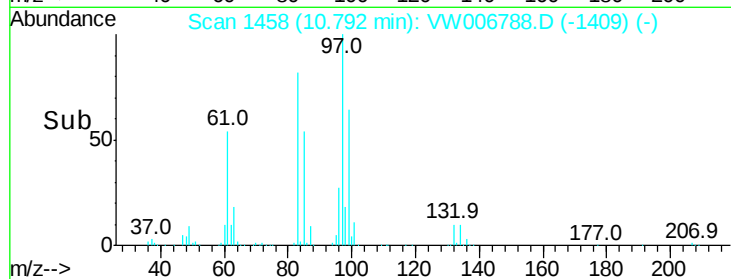
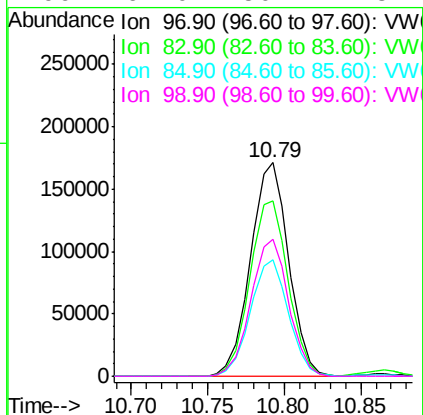
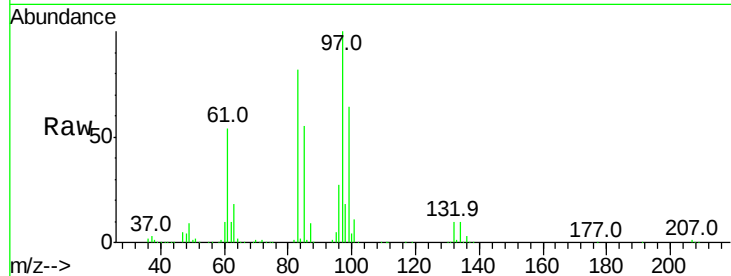




#55
 1,1,2-Trichloroethane
 Concen: 144.382 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

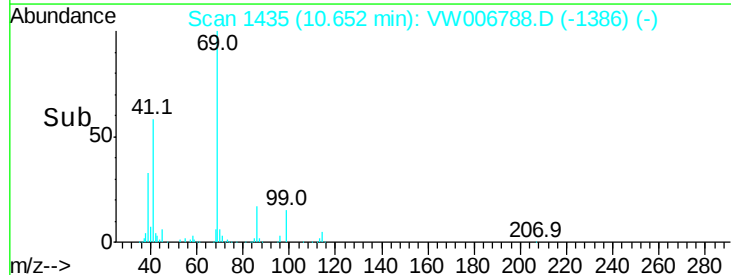
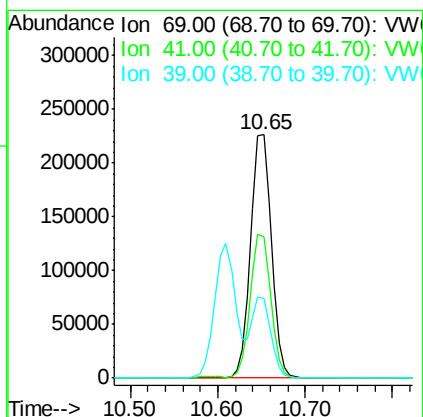
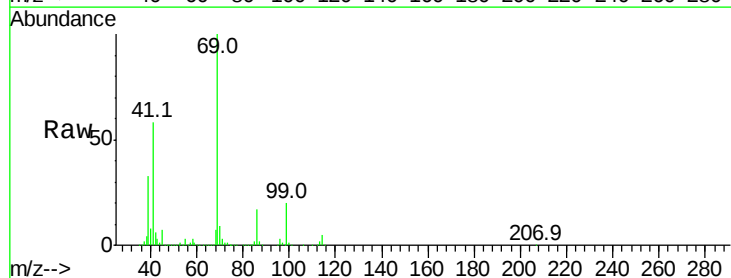
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

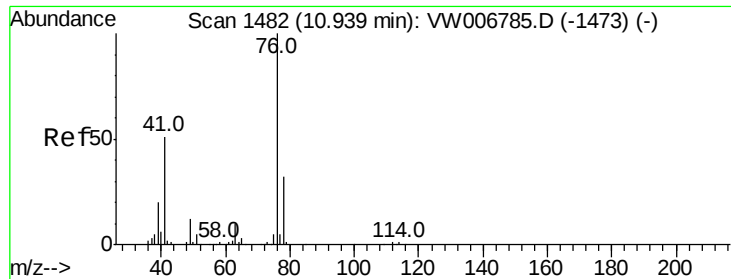
Tgt Ion:	97	Resp:	297185
Ion	Ratio	Lower	Upper
97	100		
83	82.3	64.4	96.6
85	54.5	42.6	63.8
99	64.0	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 159.065 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion:	69	Resp:	372133
Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.2	70.8
39	29.2	23.4	35.0





#57

1,3-Dichloropropane

Concen: 143.247 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampled :

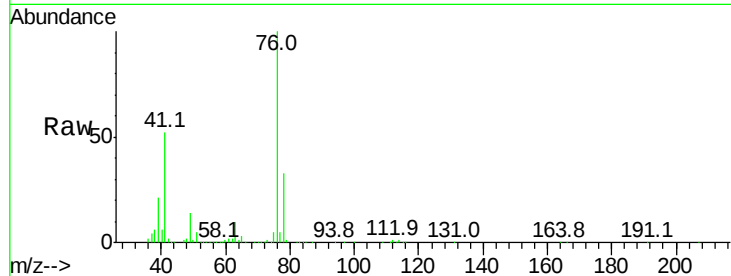
VSTDIC150

Tgt Ion: 76 Resp: 478785

Ion Ratio Lower Upper

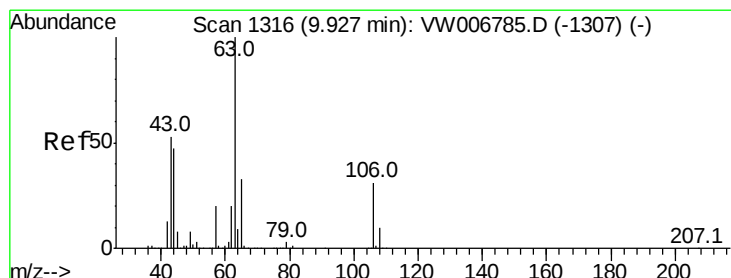
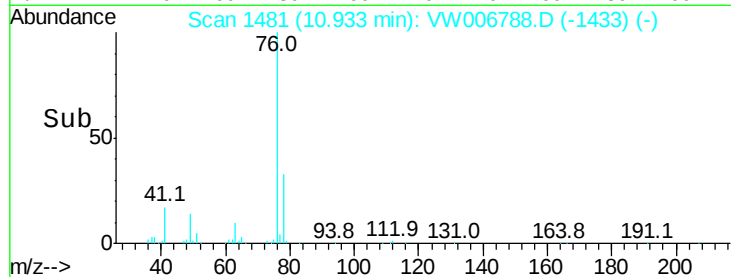
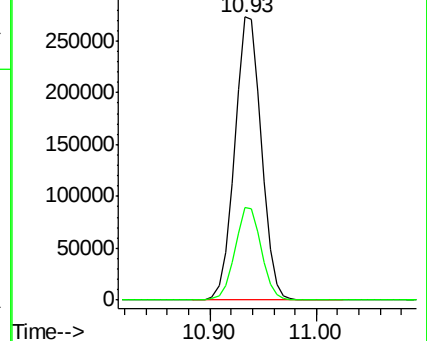
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 809.514 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006788.D

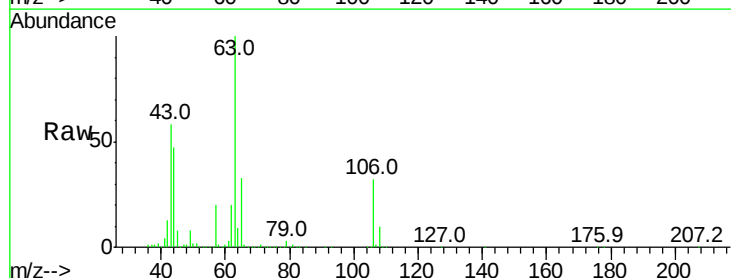
Acq: 09 Nov 2018 14:49

Tgt Ion: 63 Resp: 920619

Ion Ratio Lower Upper

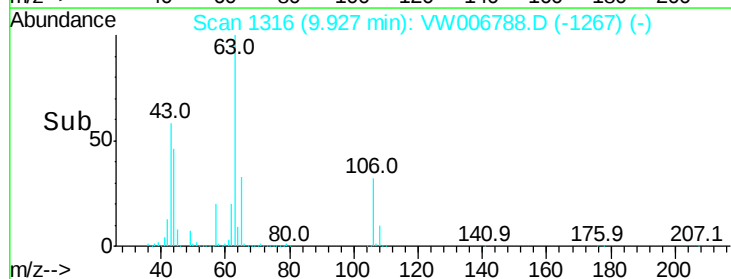
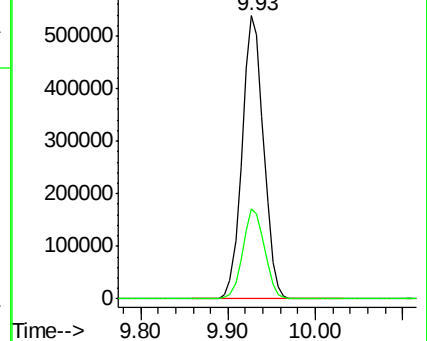
63 100

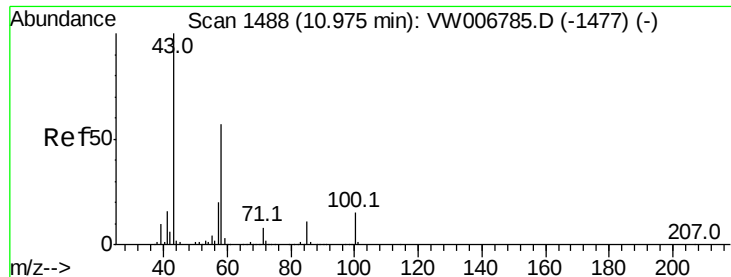
106 32.0 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

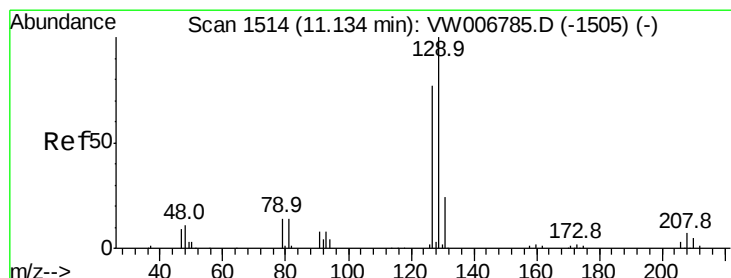
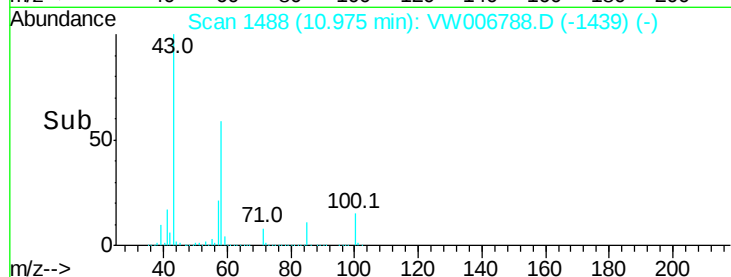
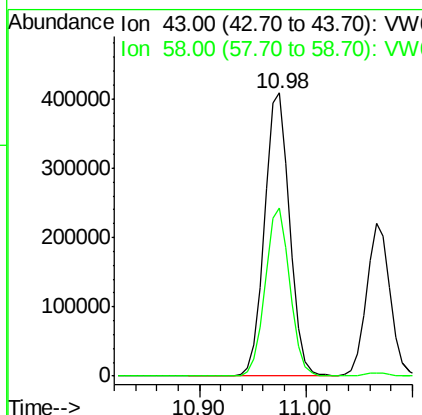
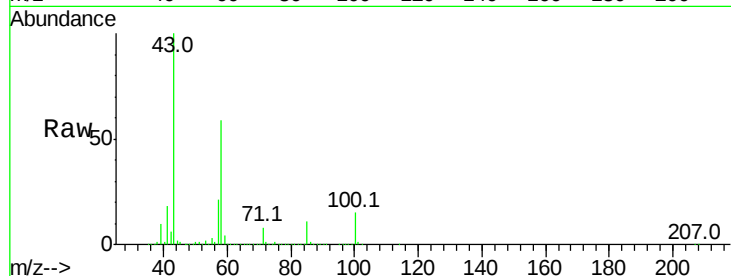




#59
2-Hexanone
Concen: 749.086 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

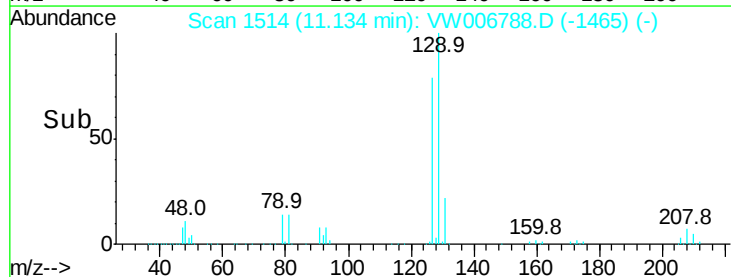
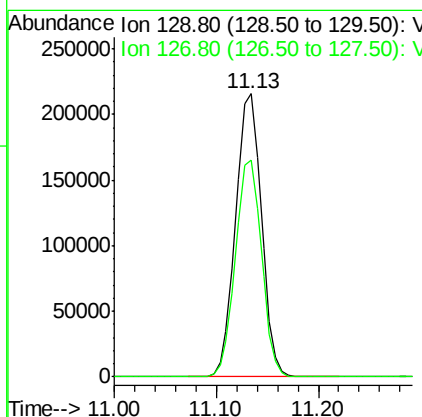
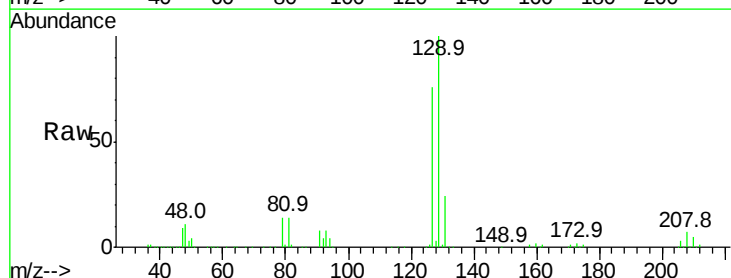
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

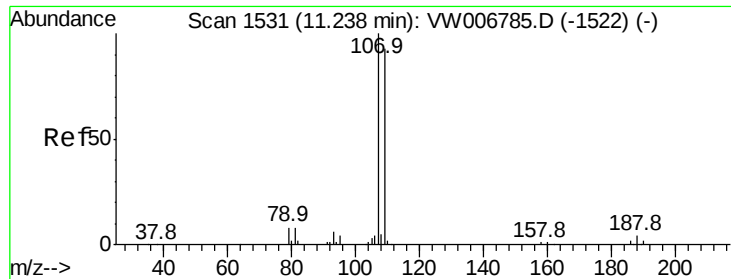
Tgt Ion: 43 Resp: 674610
Ion Ratio Lower Upper
43 100
58 58.4 28.5 85.5



#60
Dibromochloromethane
Concen: 155.162 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 129 Resp: 378398
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3

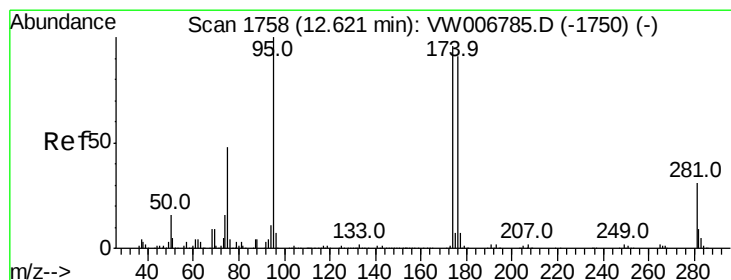
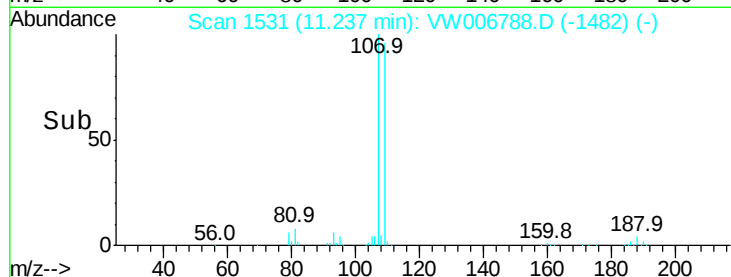
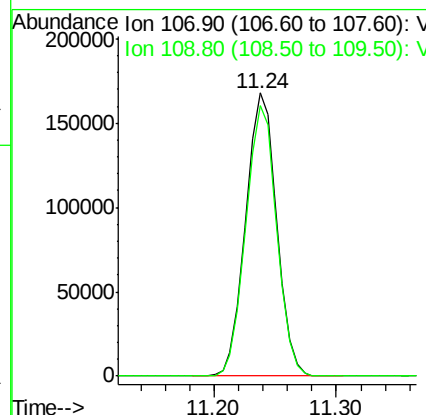
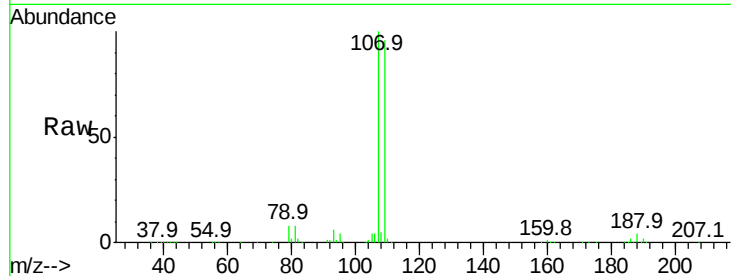




#61
 1,2-Dibromoethane
 Concen: 143.887 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

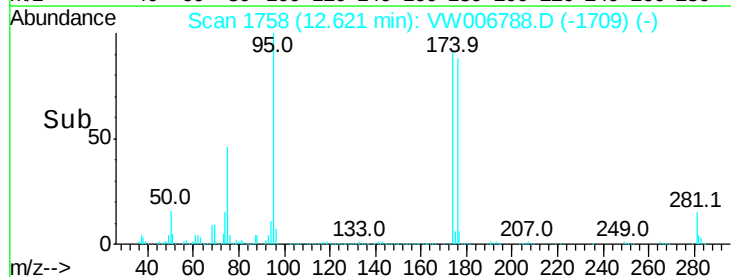
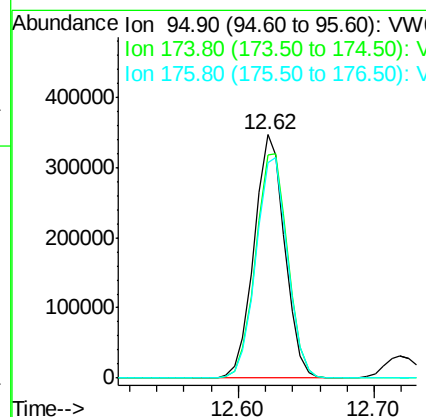
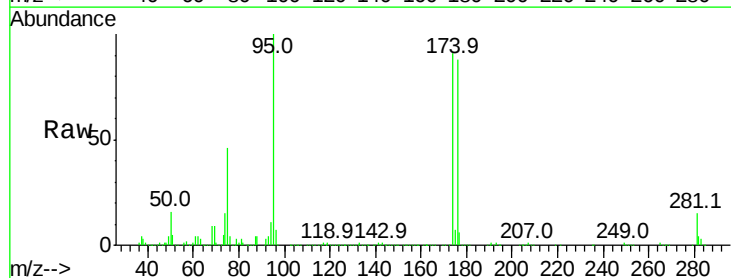
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

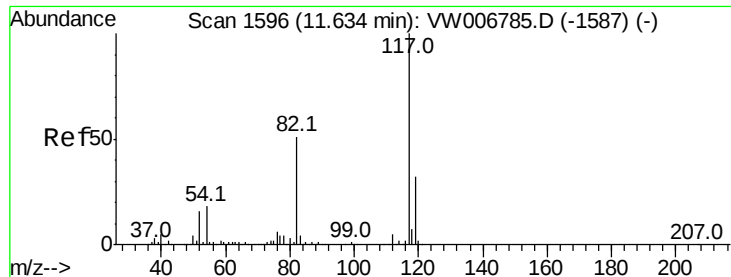
Tgt Ion: 107 Resp: 294111
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 148.933 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion: 95 Resp: 547649
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 196.2
 176 93.5 0.0 190.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

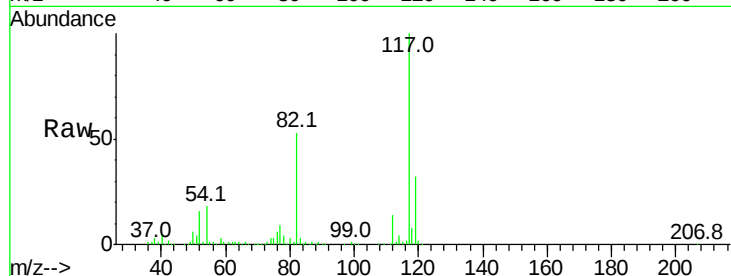
Tgt Ion:117 Resp: 417637

Ion Ratio Lower Upper

117 100

82 52.6 40.9 61.3

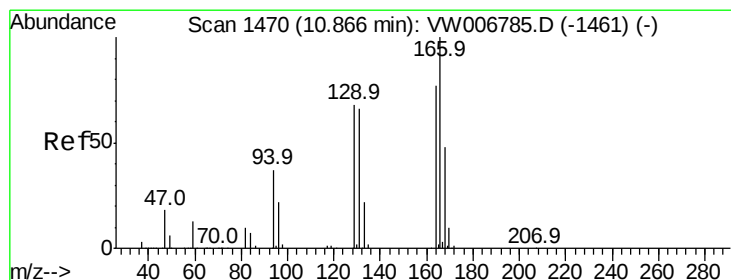
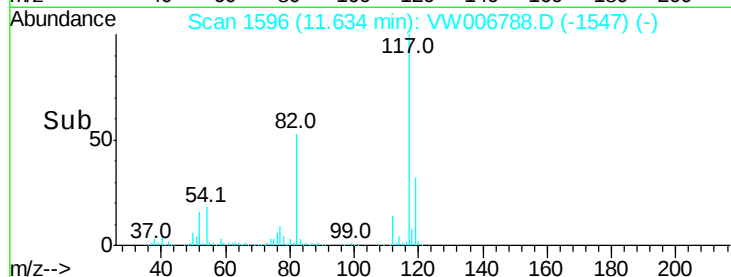
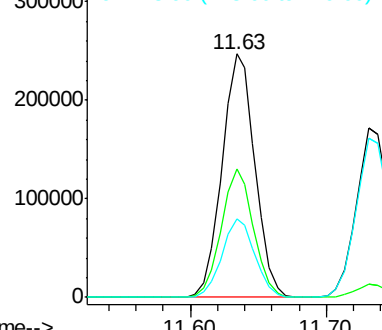
119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 131.508 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion:164 Resp: 437812

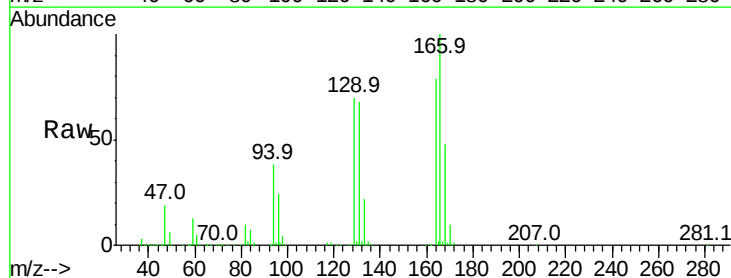
Ion Ratio Lower Upper

164 100

166 127.0 103.7 155.5

129 89.0 70.4 105.6

131 85.9 68.2 102.2

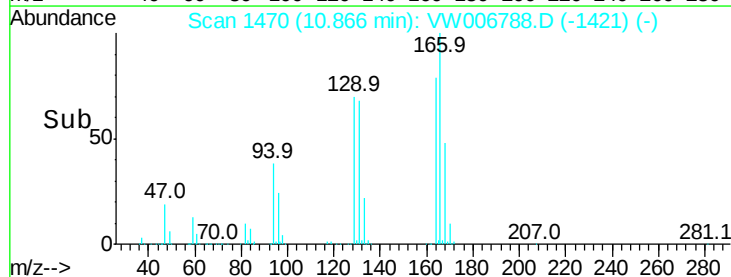
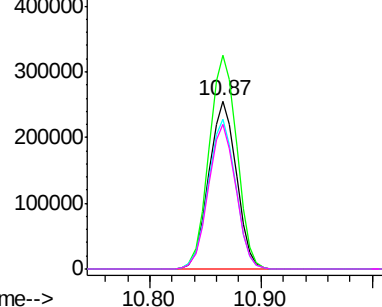


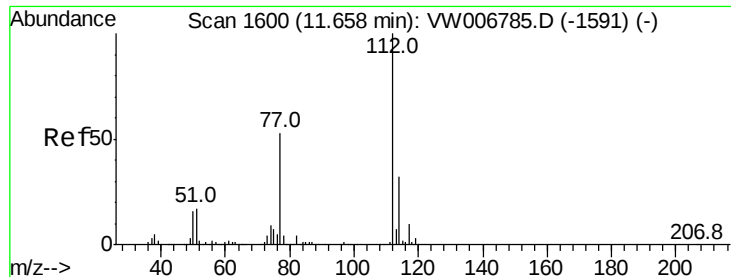
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

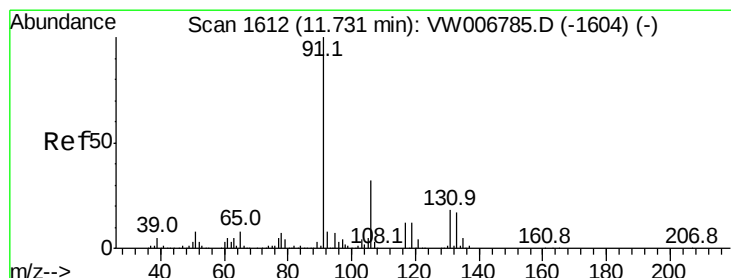
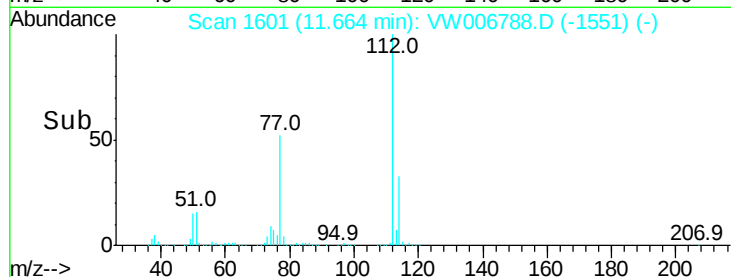
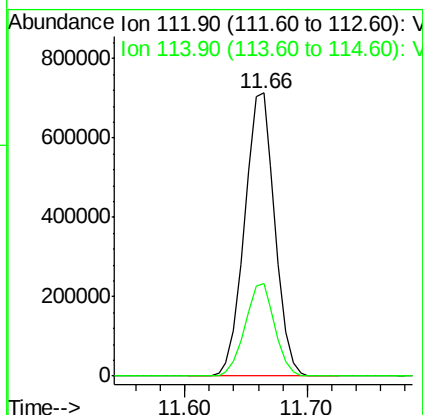
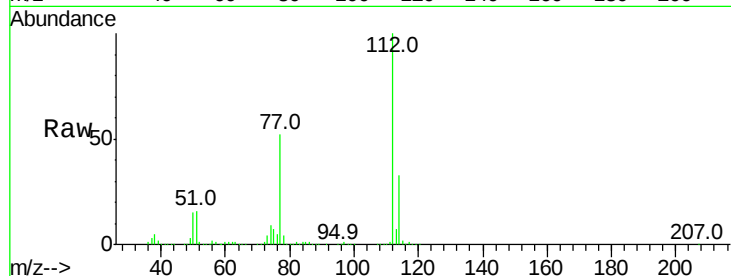




#65
Chlorobenzene
Concen: 139.238 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

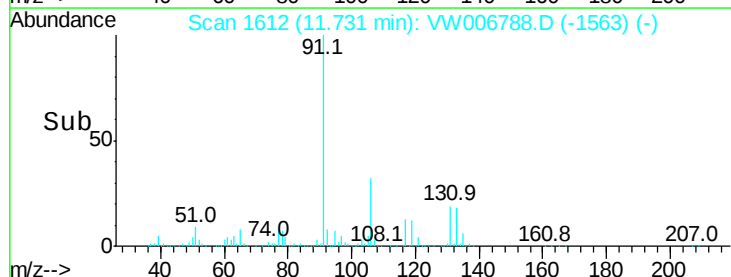
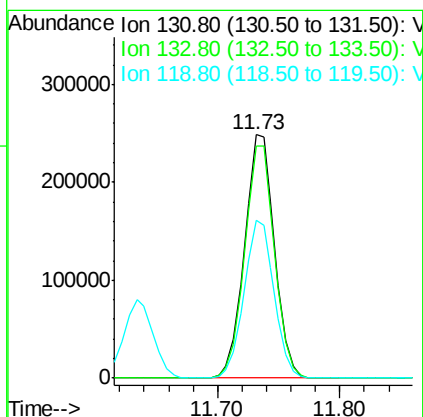
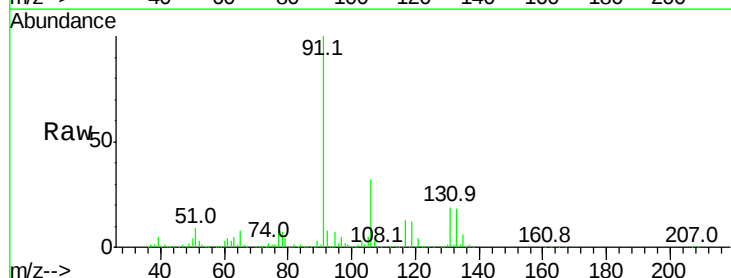
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

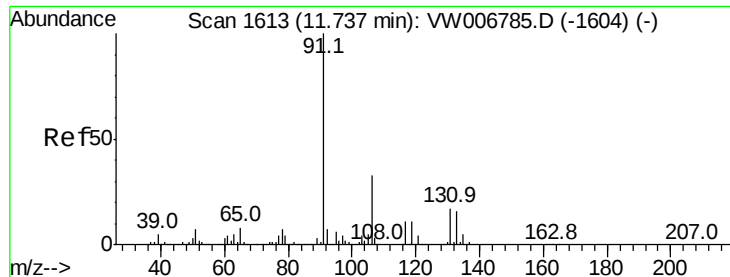
Tgt Ion:112 Resp: 1223667
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 136.339 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion:131 Resp: 421143
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 64.9 32.3 96.8

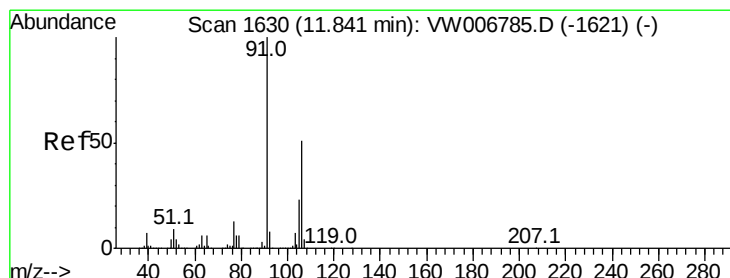
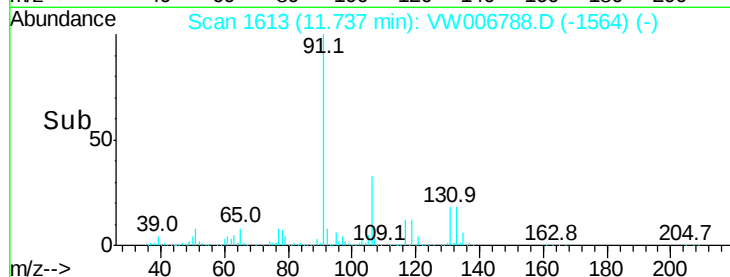
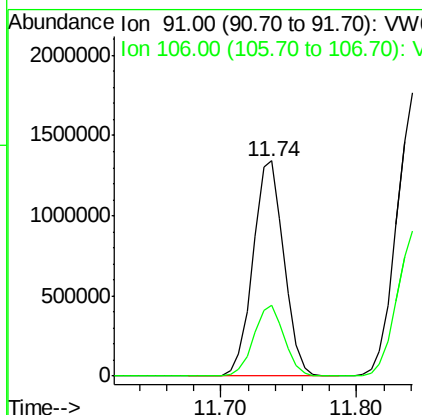
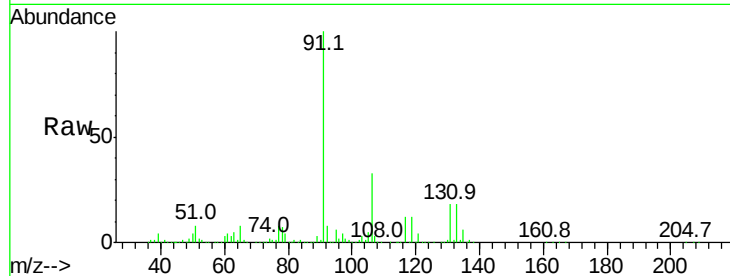




#67
Ethyl Benzene
Concen: 146.131 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

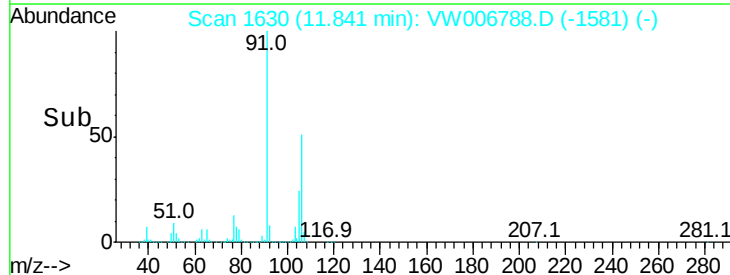
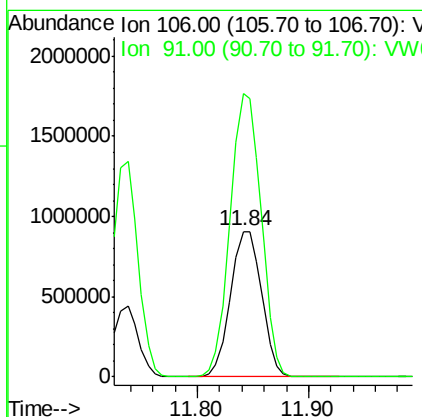
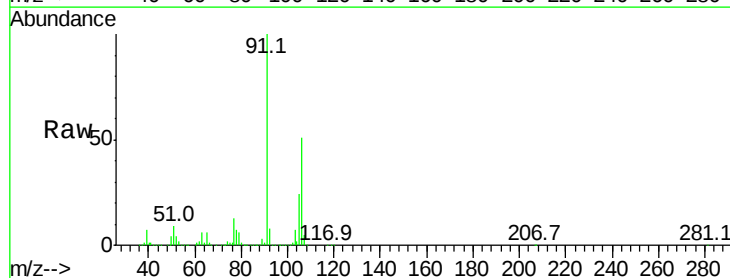
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

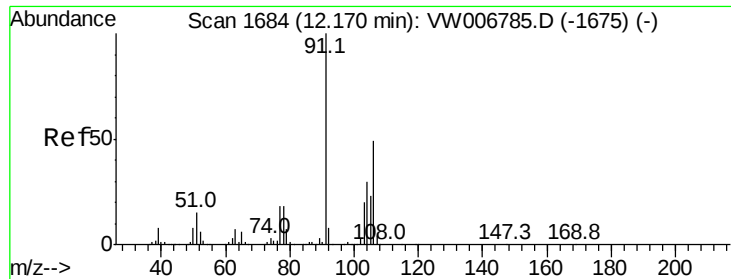
Tgt Ion: 91 Resp: 2146558
Ion Ratio Lower Upper
91 100
106 32.8 26.3 39.5



#68
m/p-Xylenes
Concen: 299.279 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 106 Resp: 1756384
Ion Ratio Lower Upper
106 100
91 193.6 155.3 232.9

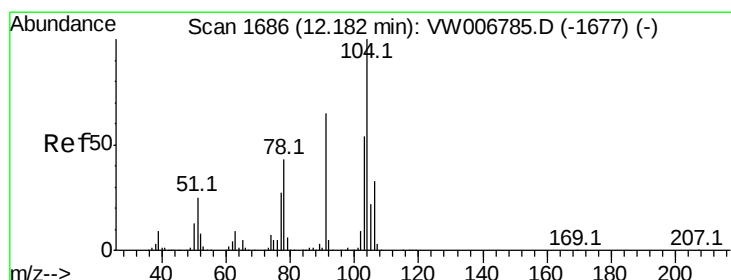
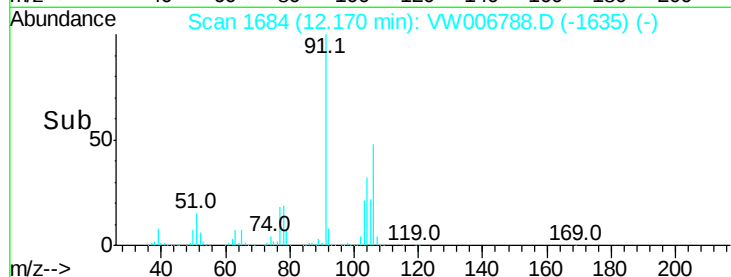
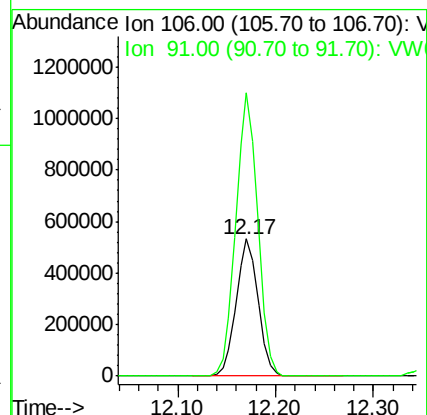
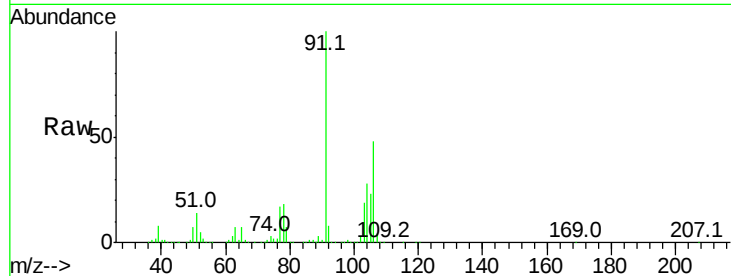




#69
o-Xylene
Concen: 147.983 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

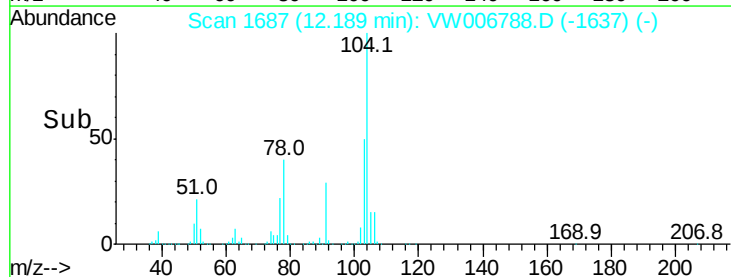
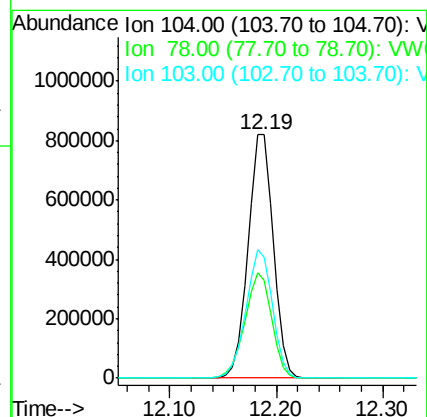
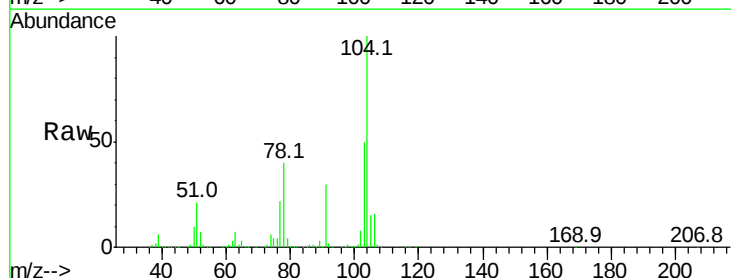
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

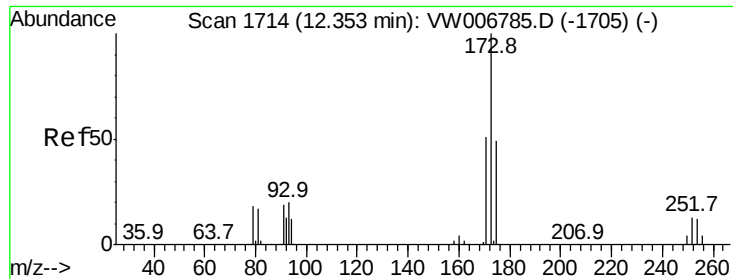
Tgt Ion:106 Resp: 826803
Ion Ratio Lower Upper
106 100
91 206.4 103.0 308.9



#70
Styrene
Concen: 150.233 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion:104 Resp: 1368466
Ion Ratio Lower Upper
104 100
78 46.0 37.1 55.7
103 55.4 44.4 66.6

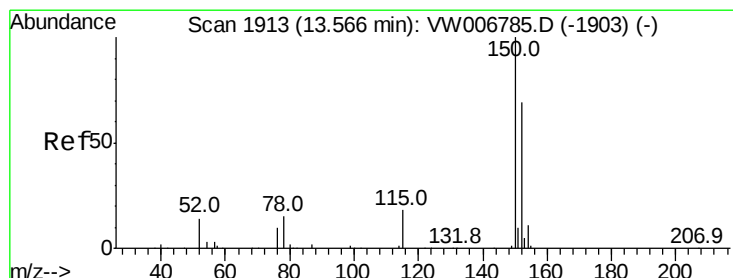
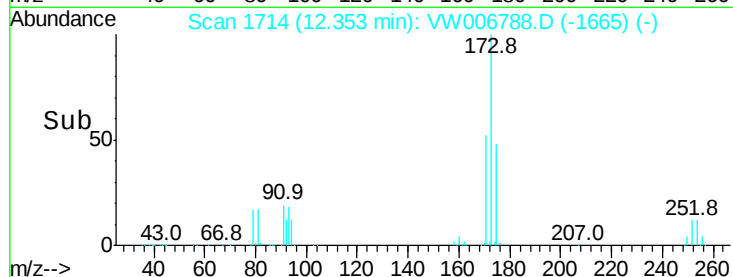
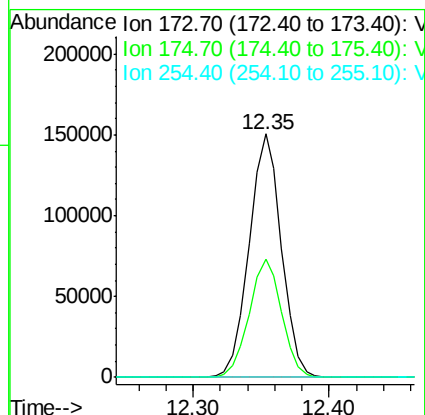
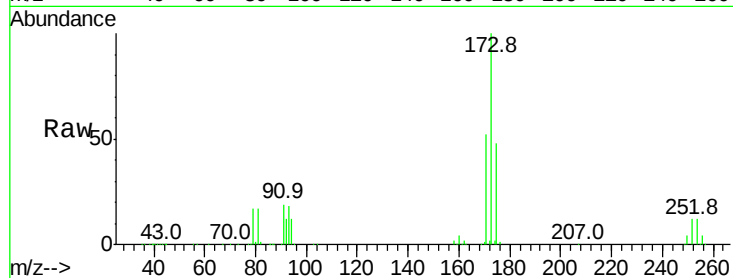




#71
Bromoform
Concen: 152.199 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

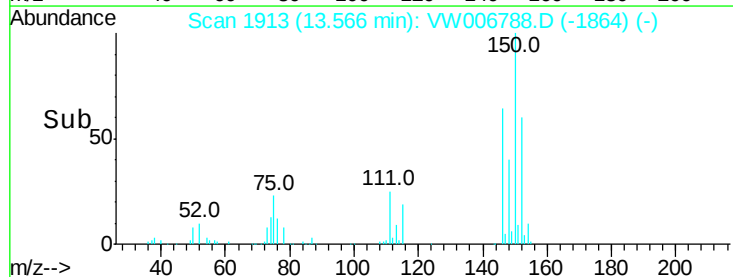
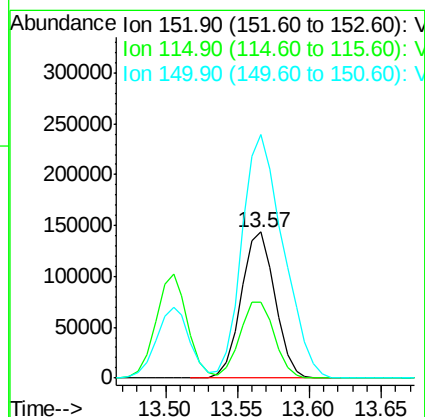
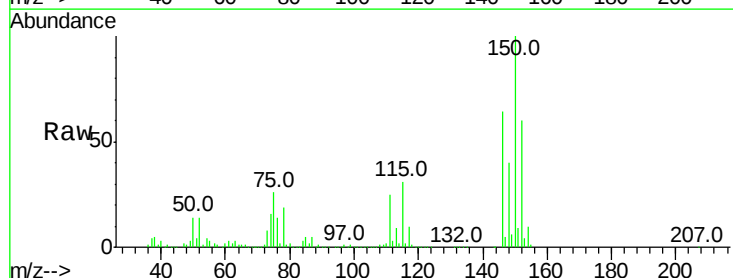
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

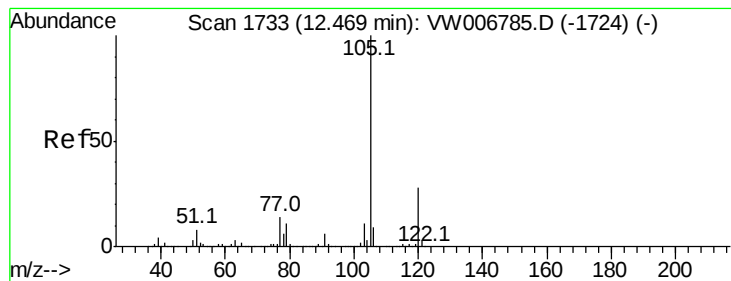
Tgt Ion:173 Resp: 249212
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion:152 Resp: 232365
Ion Ratio Lower Upper
152 100
115 53.1 26.7 80.0
150 204.5 0.0 348.0





#73

Isopropylbenzene

Concen: 147.573 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

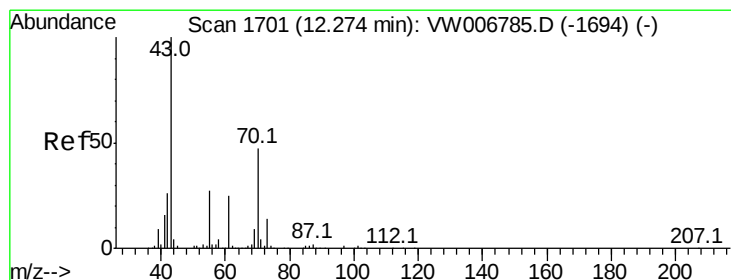
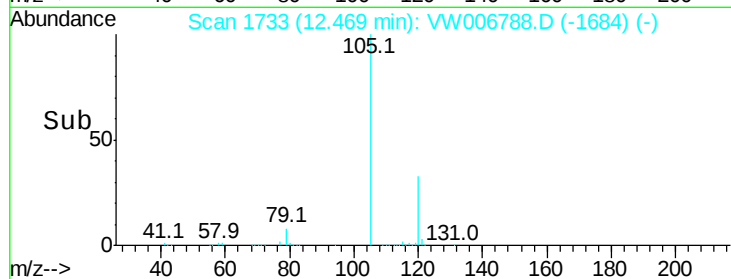
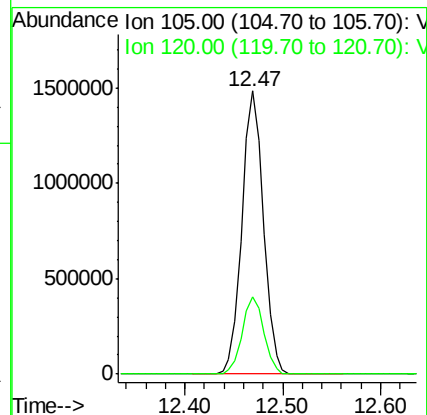
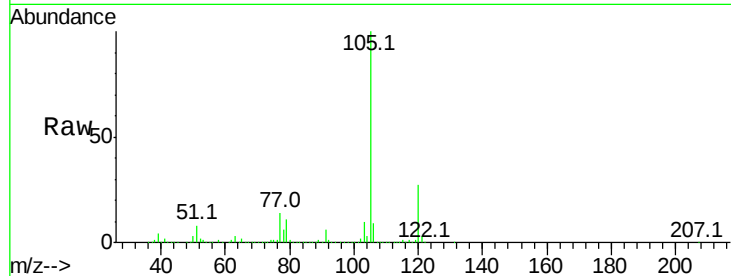
VSTDIC150

Tgt Ion:105 Resp: 2258912

Ion Ratio Lower Upper

105 100

120 27.5 13.9 41.6



#74

N-ethyl acetate

Concen: 146.190 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Tgt Ion: 43 Resp: 386688

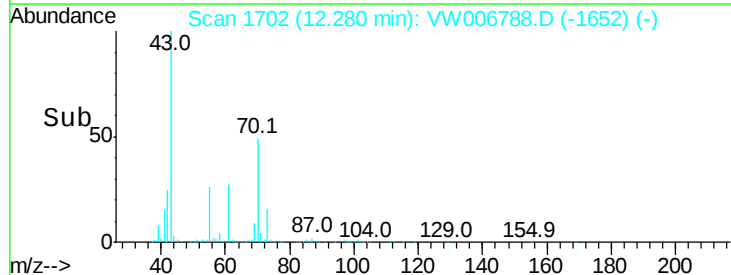
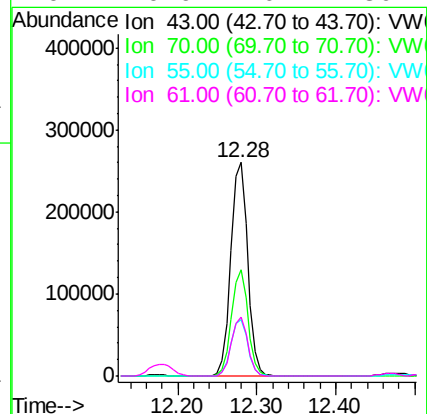
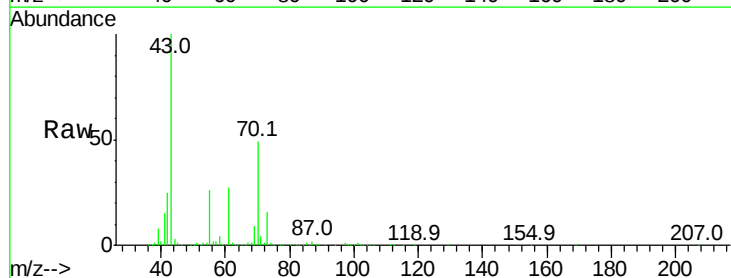
Ion Ratio Lower Upper

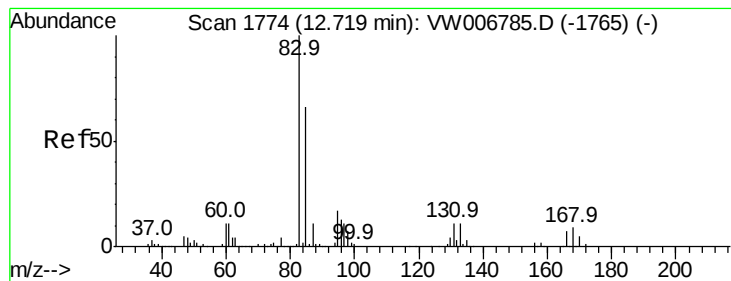
43 100

70 48.7 38.3 57.5

55 26.6 22.3 33.5

61 26.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 136.541 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

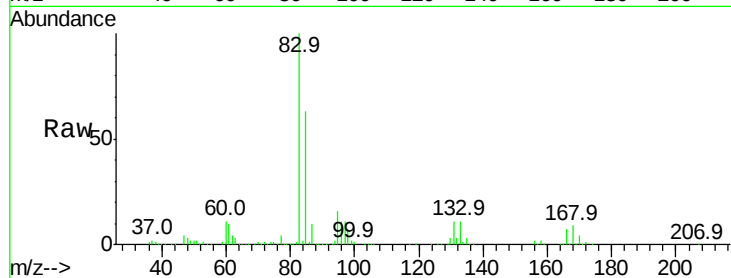
Tgt Ion: 83 Resp: 330103

Ion Ratio Lower Upper

83 100

131 11.9 6.0 18.0

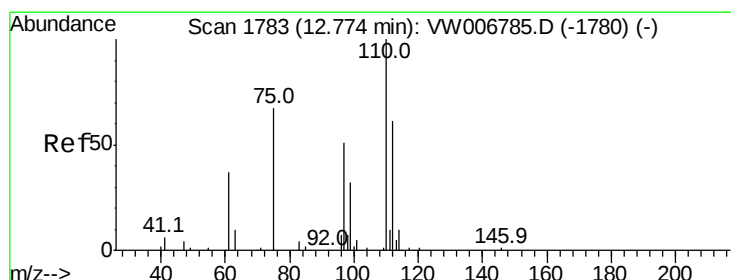
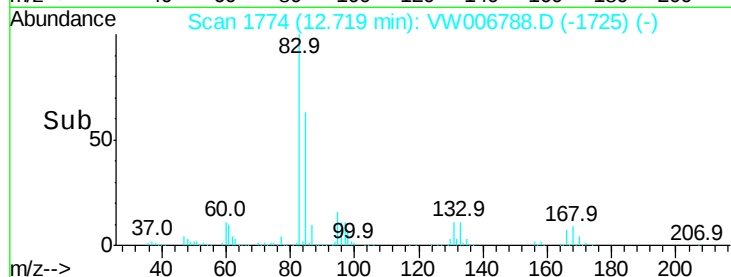
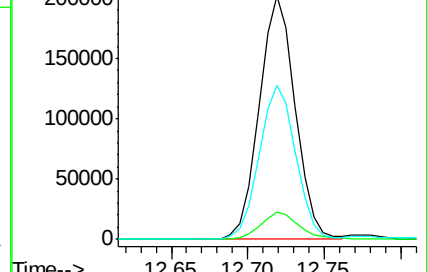
85 64.3 32.3 96.8



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: 242.664 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006788.D

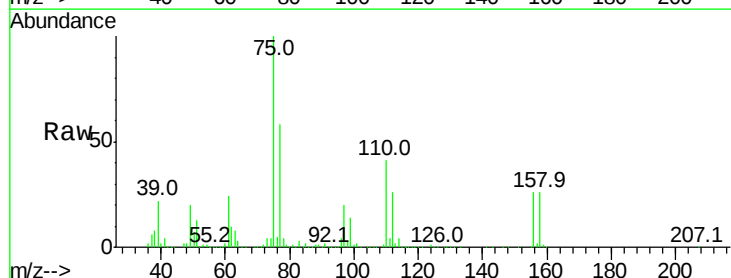
Acq: 09 Nov 2018 14:49

Tgt Ion: 75 Resp: 439945

Ion Ratio Lower Upper

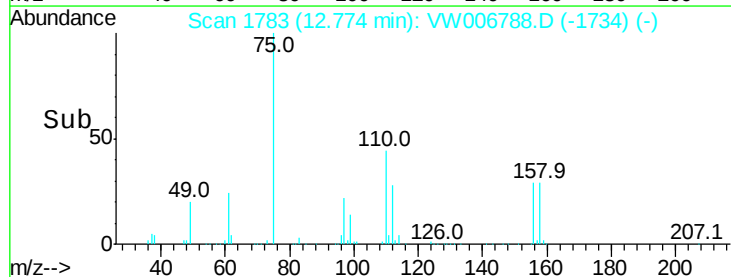
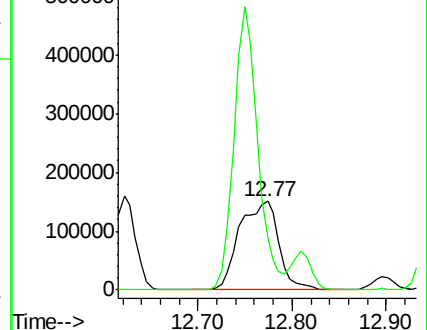
75 100

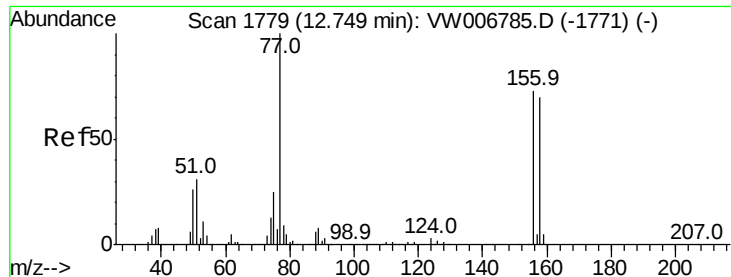
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 139.294 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

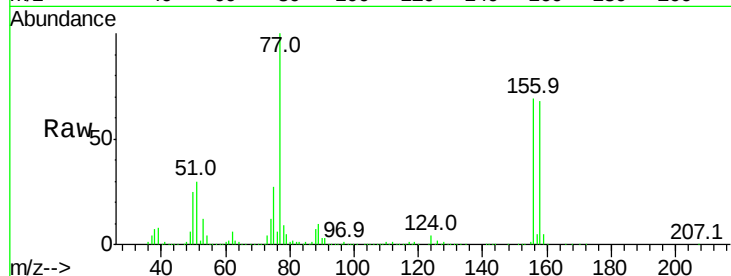
Tgt Ion:156 Resp: 552049

Ion Ratio Lower Upper

156 100

77 154.0 75.4 226.3

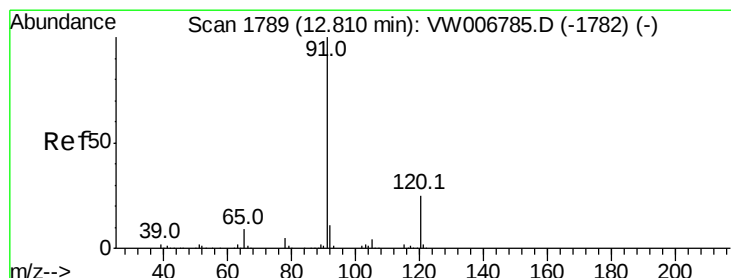
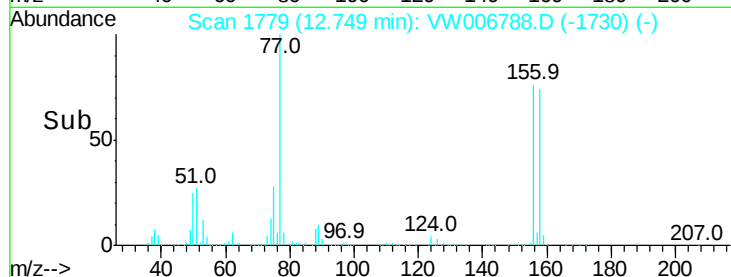
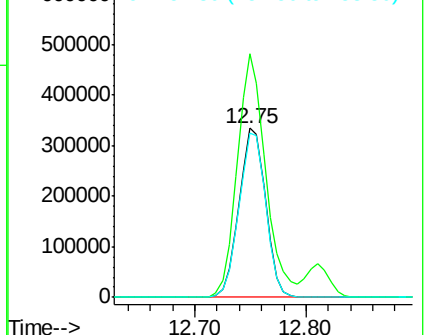
158 97.9 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 148.491 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006788.D

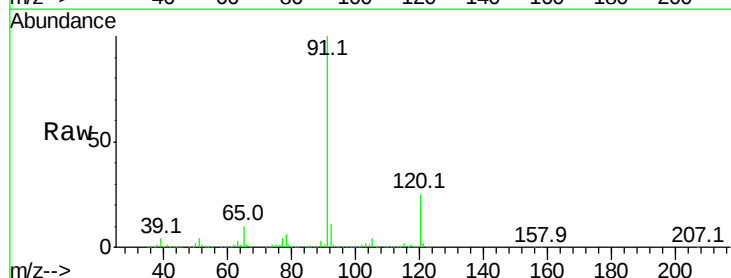
Acq: 09 Nov 2018 14:49

Tgt Ion: 91 Resp: 2614405

Ion Ratio Lower Upper

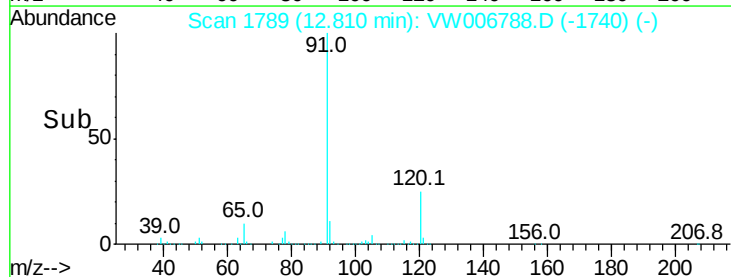
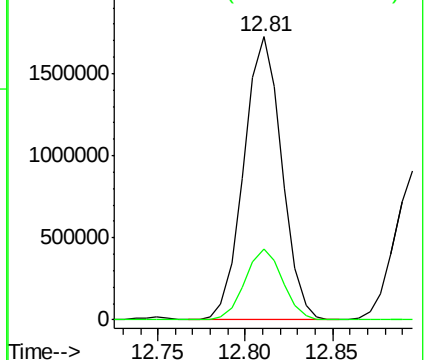
91 100

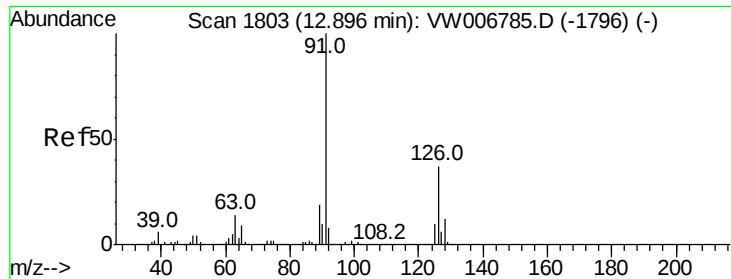
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

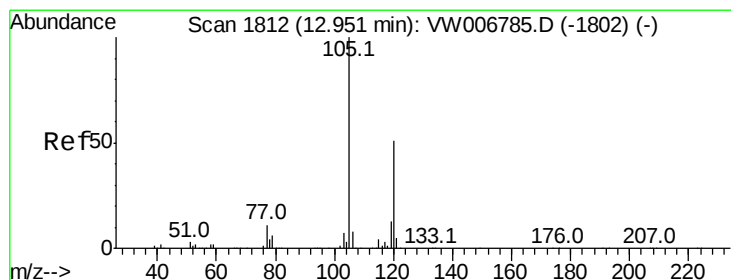
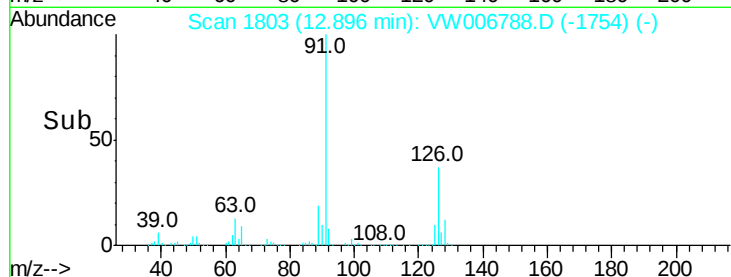
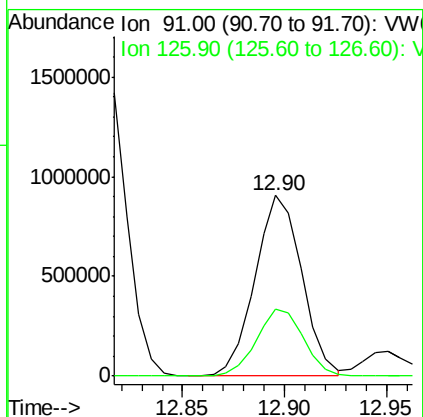
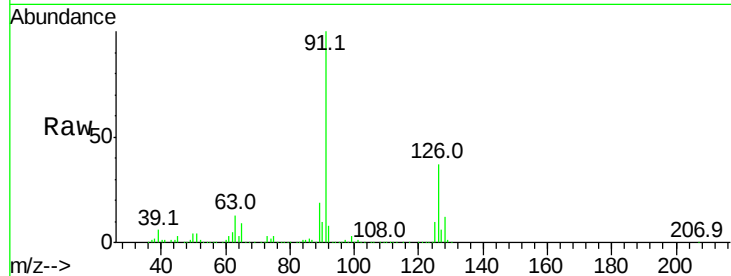




#79
 2-Chlorotoluene
 Concen: 143.324 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

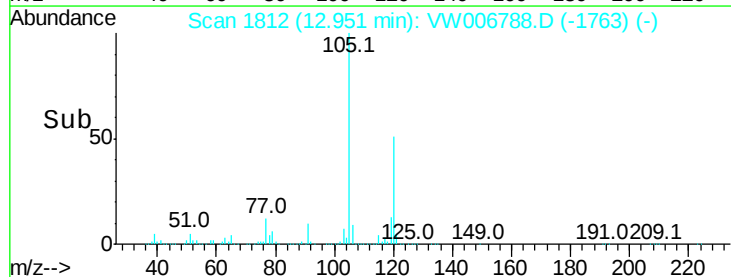
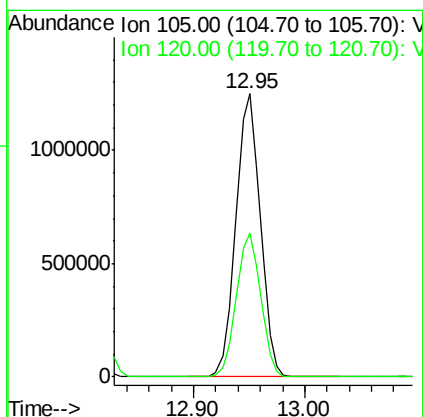
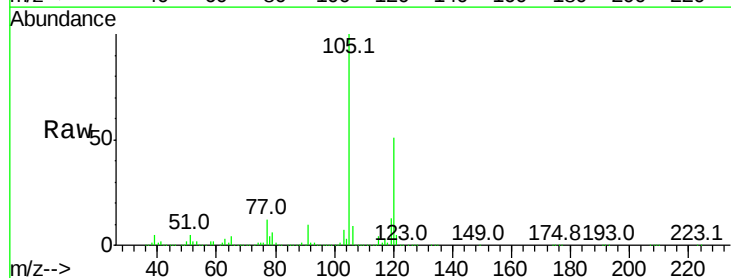
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

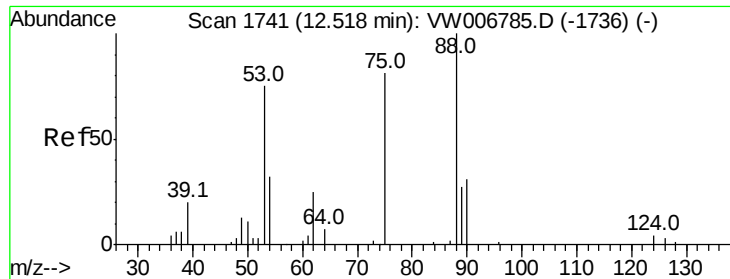
Tgt Ion: 91 Resp: 1448198
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 147.006 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion: 105 Resp: 1890466
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.0

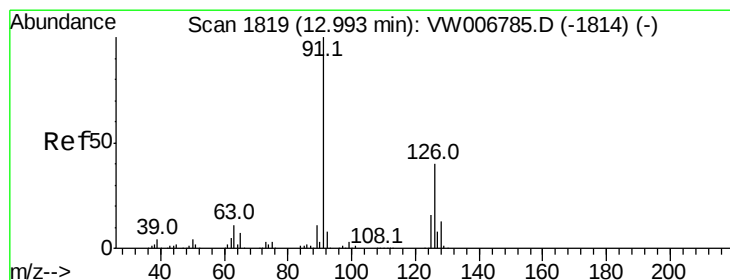
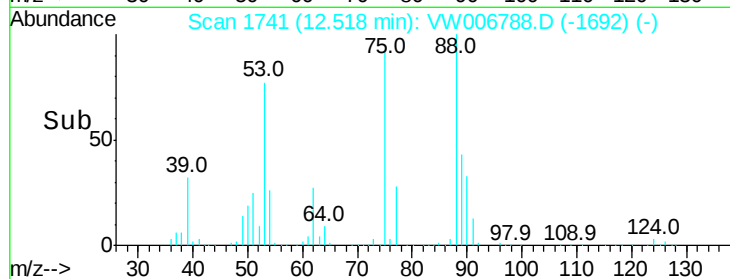
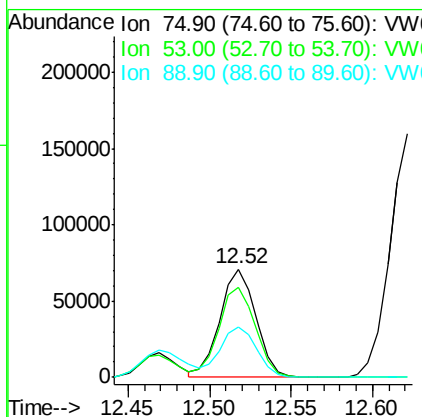
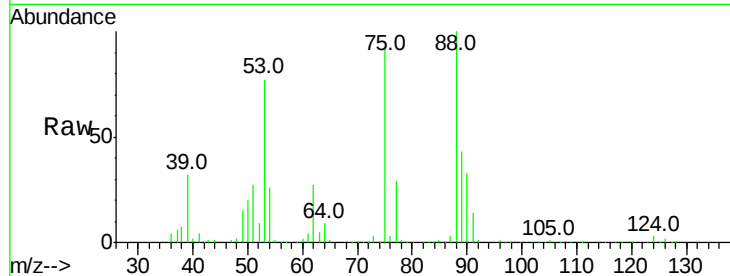




#81
trans-1,4-Dichloro-2-butene
Concen: 173.480 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

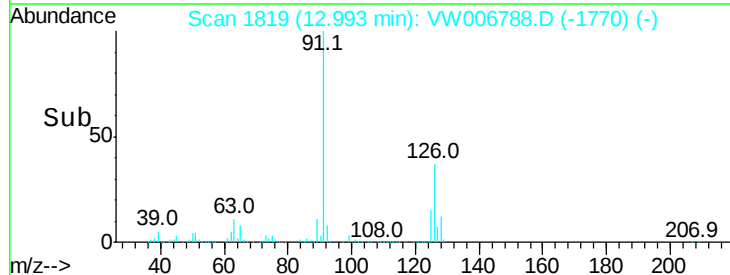
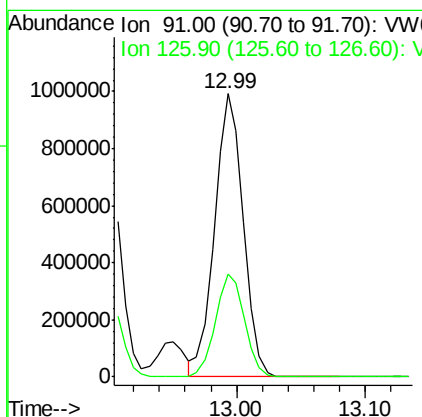
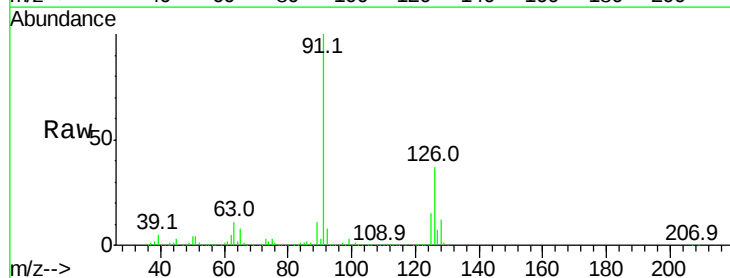
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

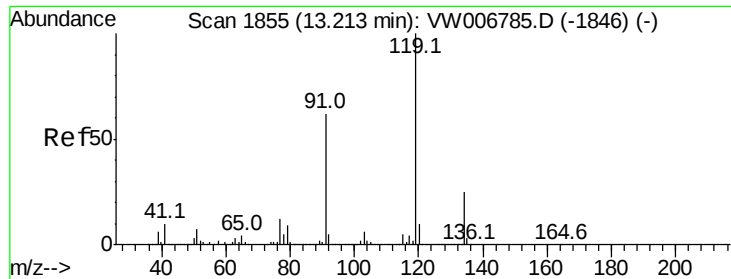
Tgt Ion: 75 Resp: 108305
Ion Ratio Lower Upper
75 100
53 85.2 74.0 111.0
89 48.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 144.427 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 91 Resp: 1543917
Ion Ratio Lower Upper
91 100
126 37.0 18.6 55.6

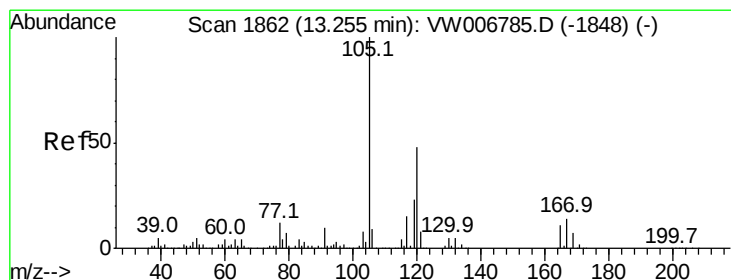
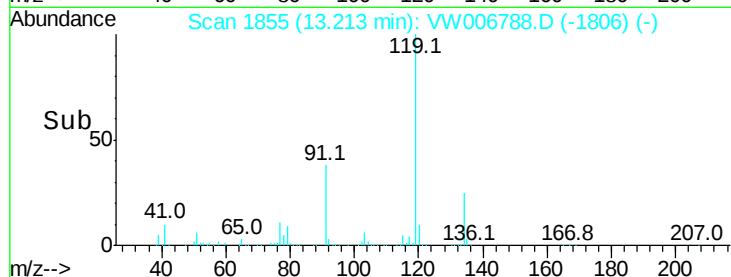
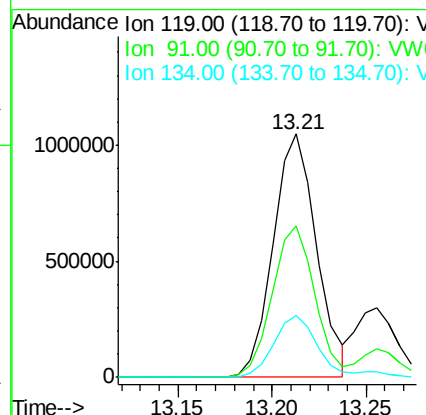
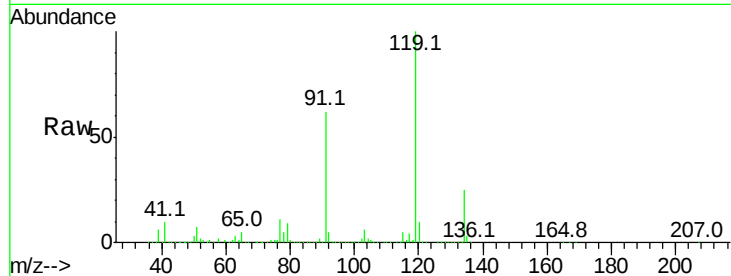




#83
 tert-Butylbenzene
 Concen: 146.000 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

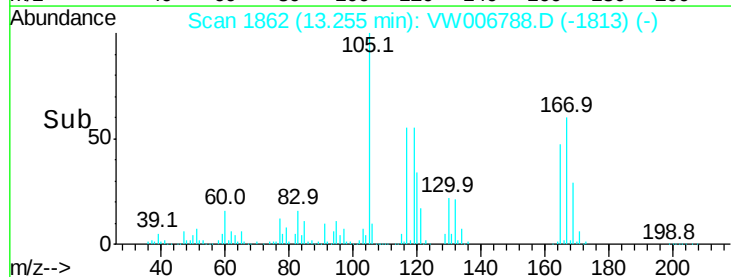
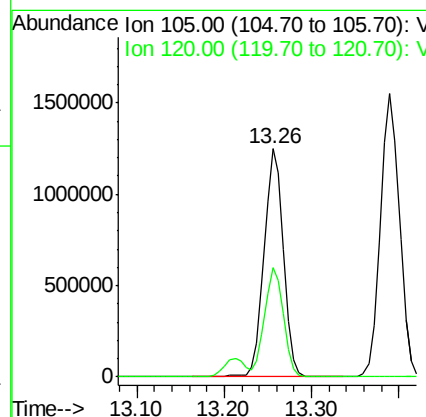
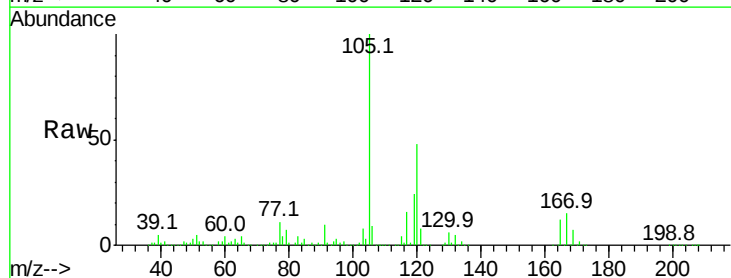
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

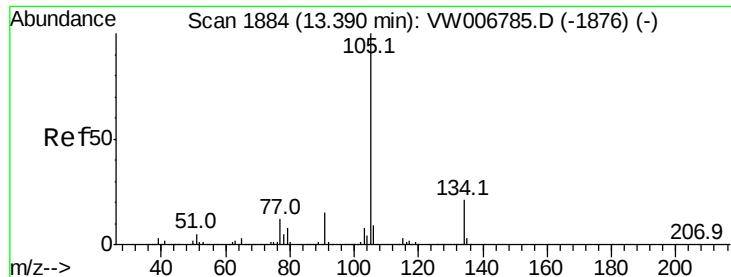
Tgt Ion:119 Resp: 1674331
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.4 91.2
 134 26.8 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 145.398 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion:105 Resp: 1917862
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.0

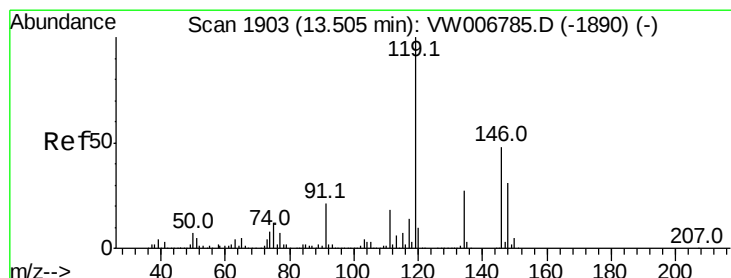
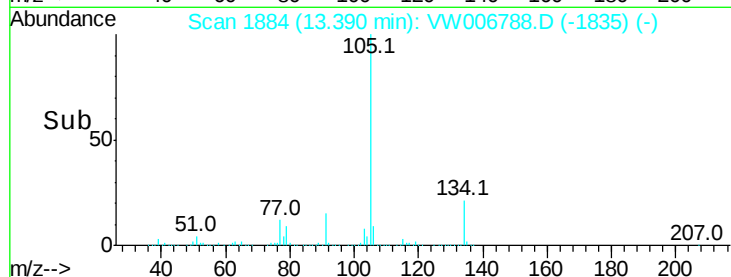
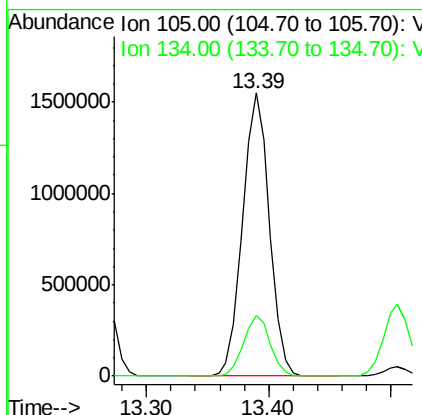
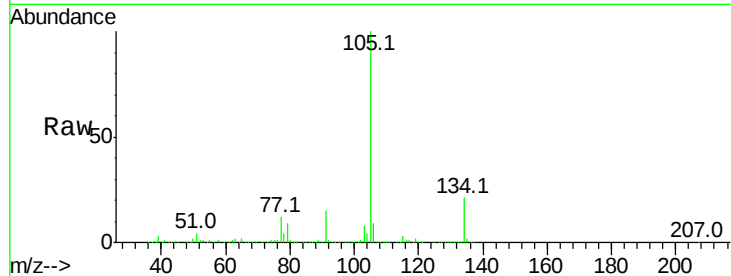




#85
 sec-Butylbenzene
 Concen: 146.200 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

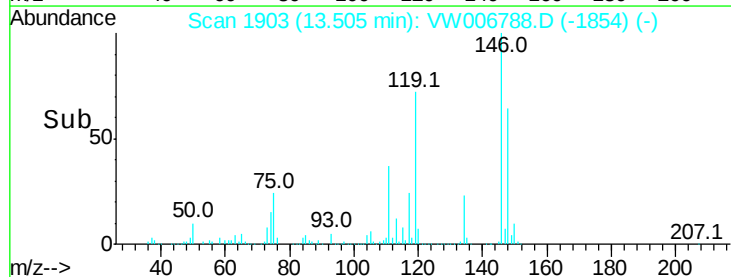
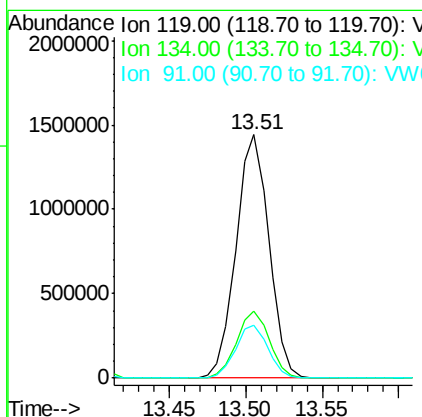
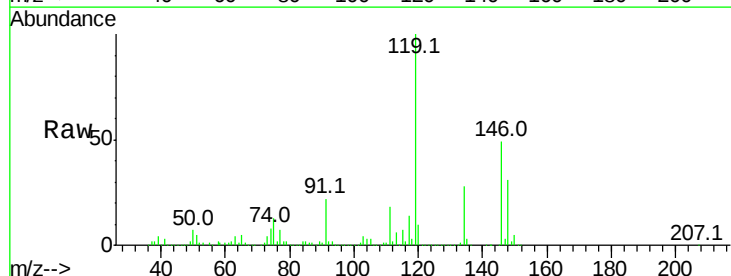
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

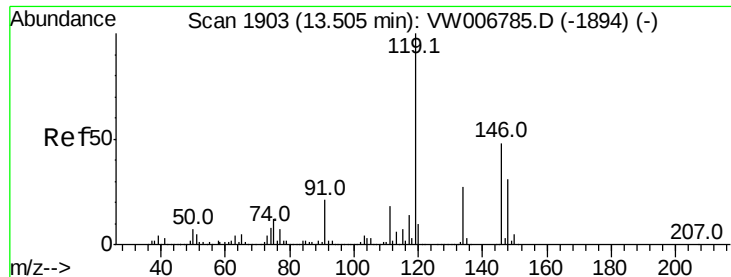
Tgt Ion:105 Resp: 2348240
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 146.842 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion:119 Resp: 2146072
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 21.8 10.8 32.4

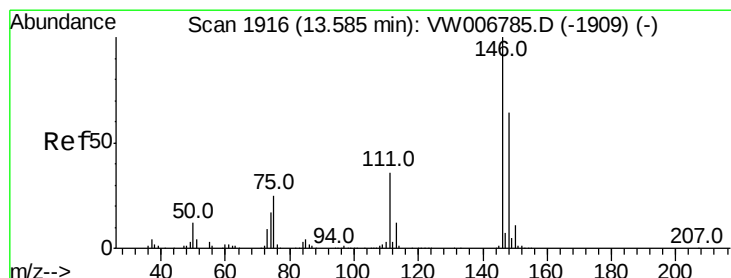
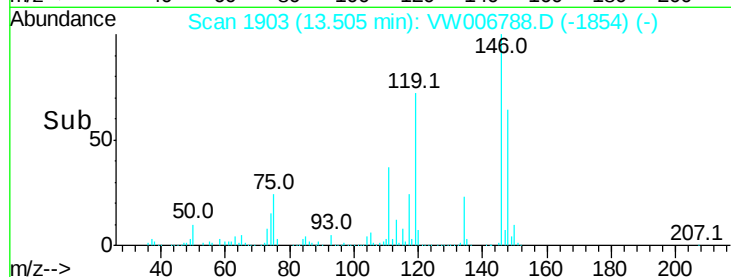
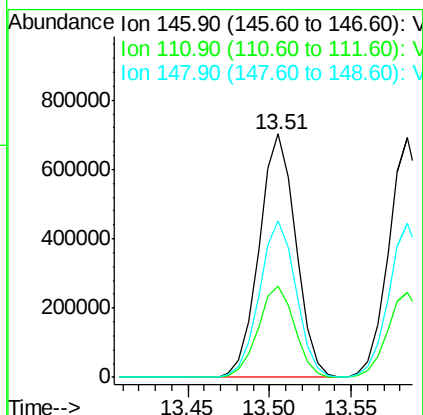
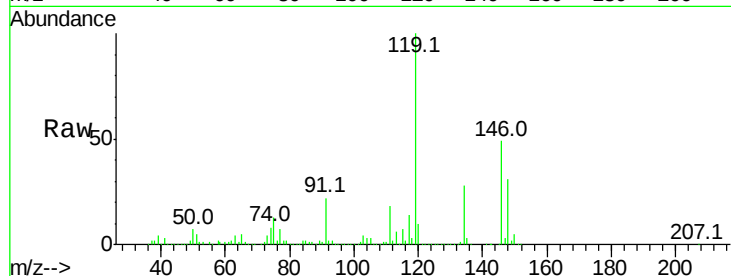




#87
 1,3-Dichlorobenzene
 Concen: 140.364 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

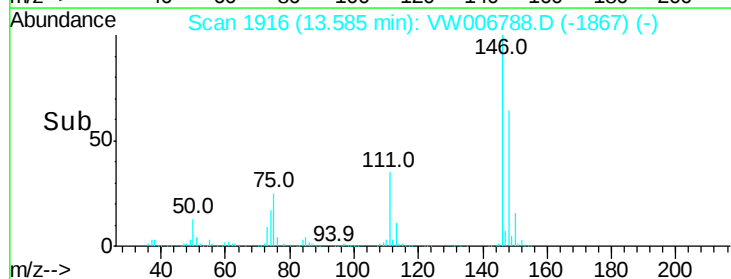
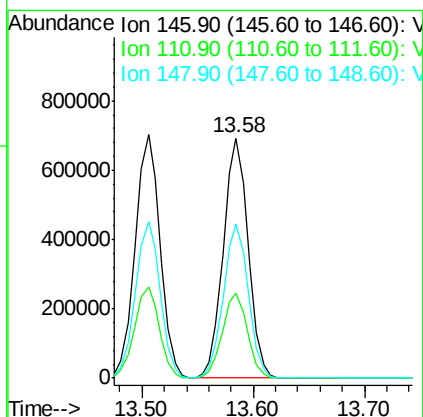
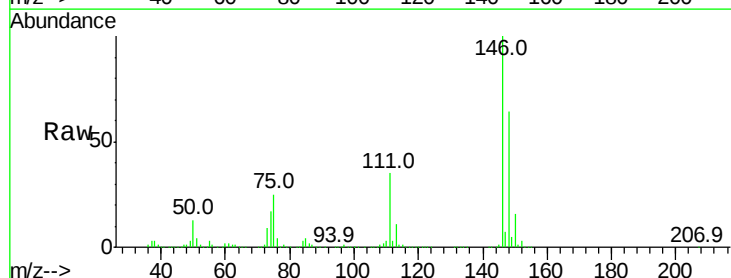
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

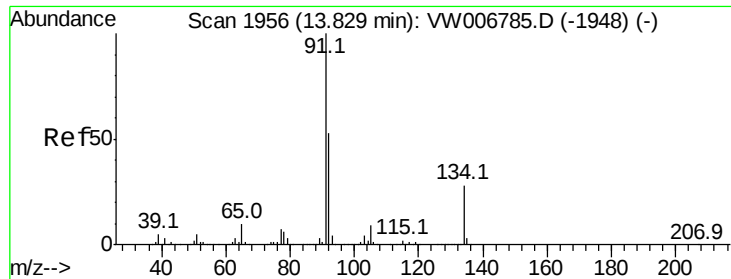
Tgt Ion:146 Resp: 1095542
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.0
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 138.063 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion:146 Resp: 1068146
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.1
 148 64.3 32.2 96.6

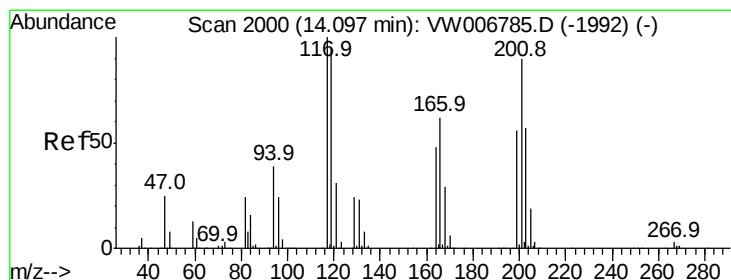
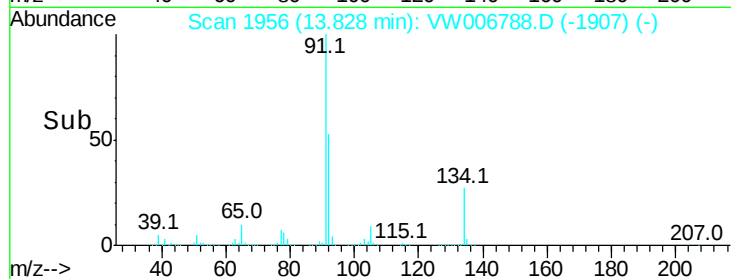
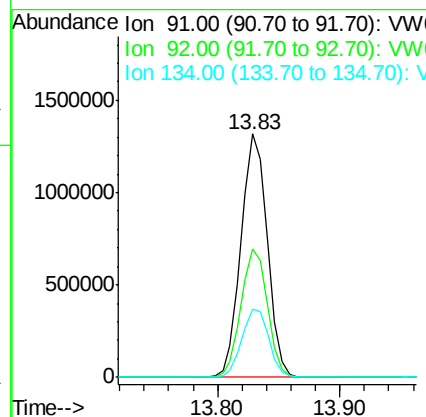
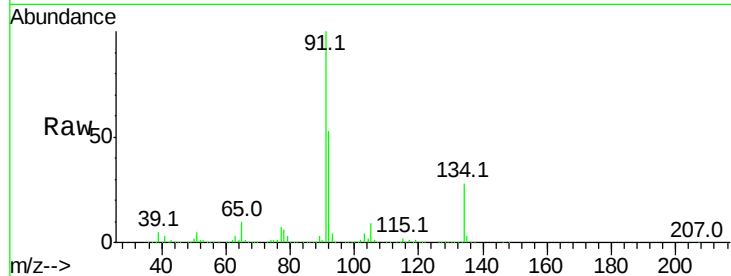




#89
n-Butylbenzene
Concen: 150.230 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

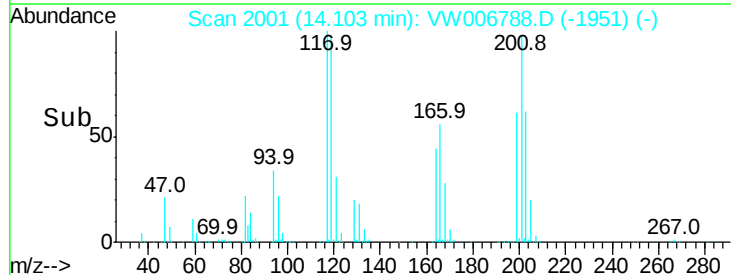
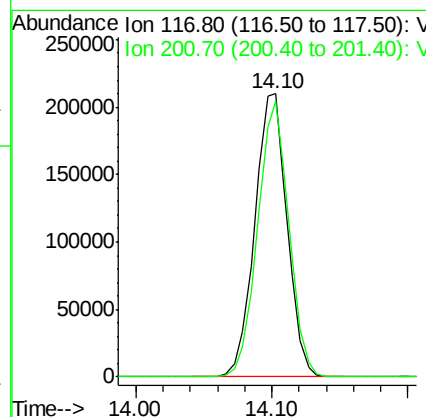
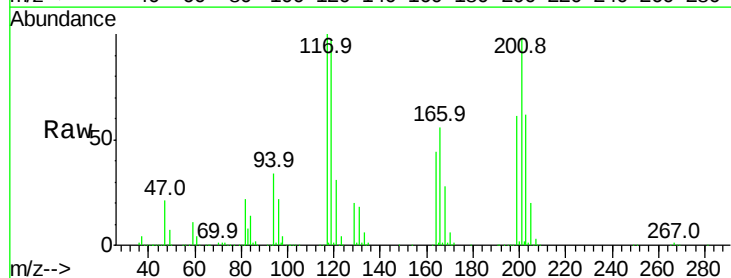
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

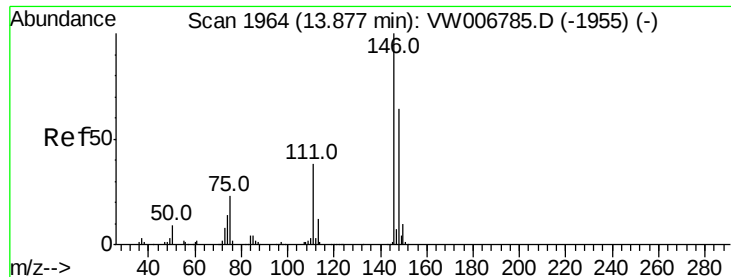
Tgt Ion: 91 Resp: 1948989
Ion Ratio Lower Upper
91 100
92 53.1 26.1 78.2
134 28.9 14.2 42.8



#90
Hexachloroethane
Concen: 145.637 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion: 117 Resp: 349819
Ion Ratio Lower Upper
117 100
201 94.2 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 134.202 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

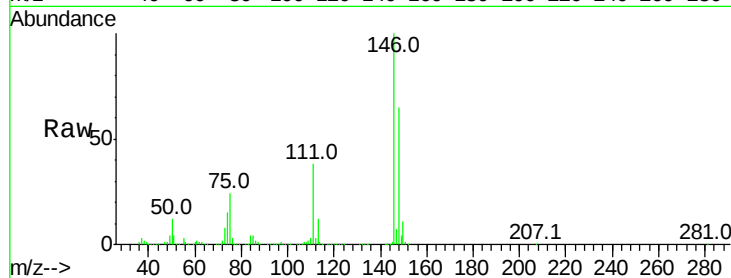
Tgt Ion:146 Resp: 942197

Ion Ratio Lower Upper

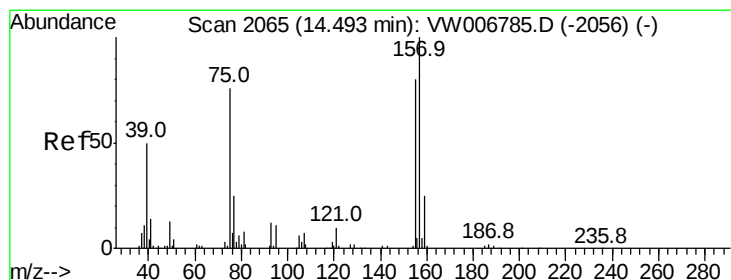
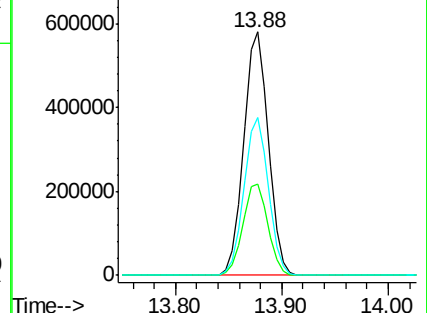
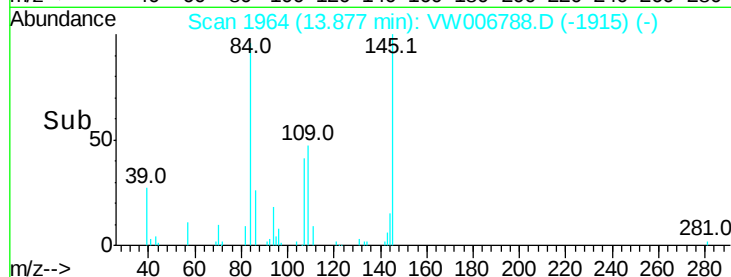
146 100

111 38.2 19.1 57.3

148 64.3 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 134.549 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006788.D

Acq: 09 Nov 2018 14:49

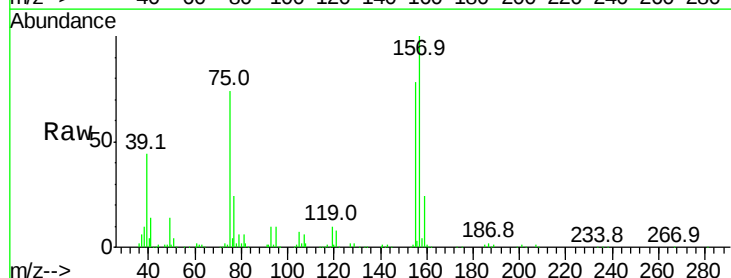
Tgt Ion: 75 Resp: 52782

Ion Ratio Lower Upper

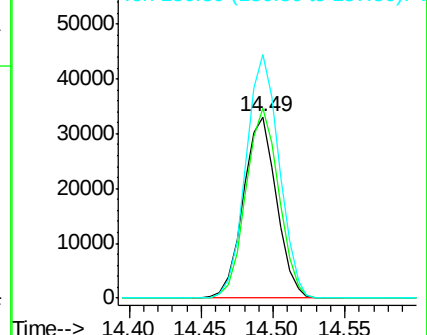
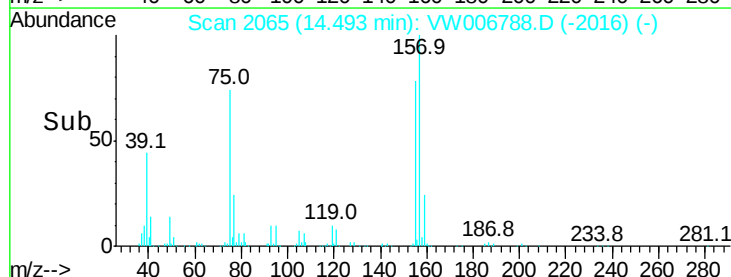
75 100

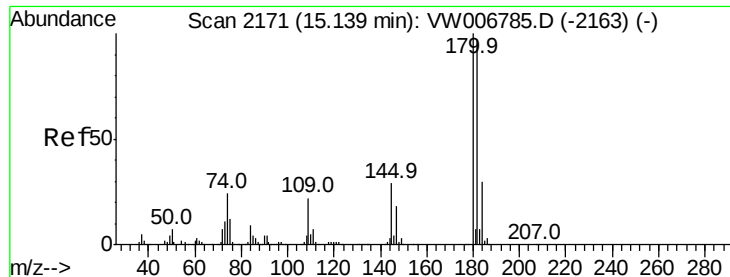
155 103.7 51.0 153.1

157 134.1 65.5 196.5



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

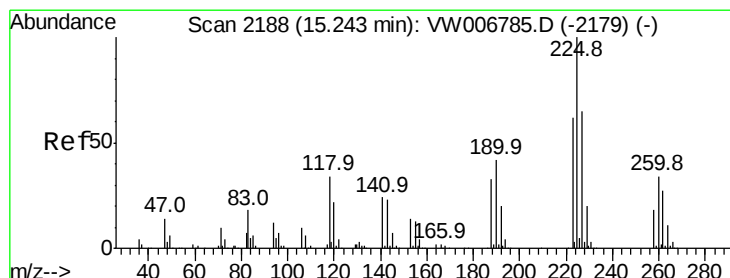
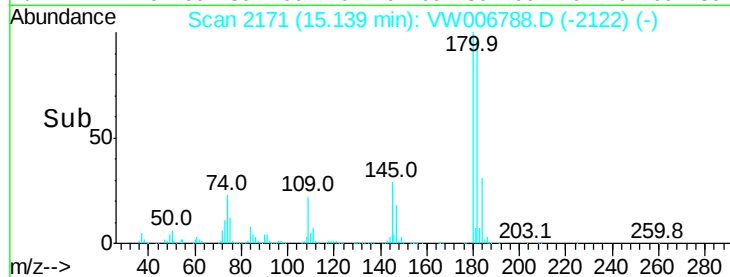
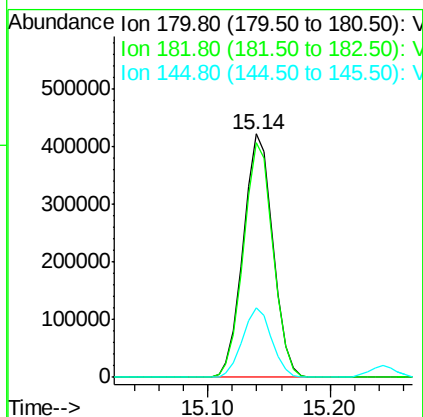
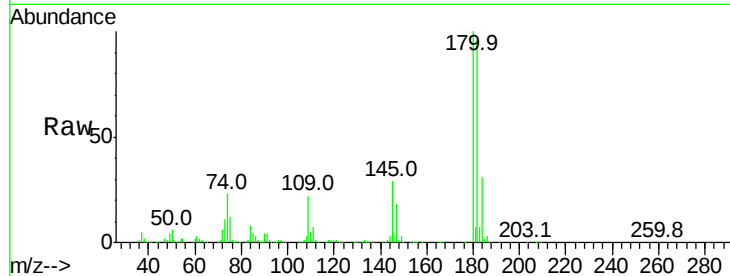




#93
 1,2,4-Trichlorobenzene
 Concen: 135.979 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

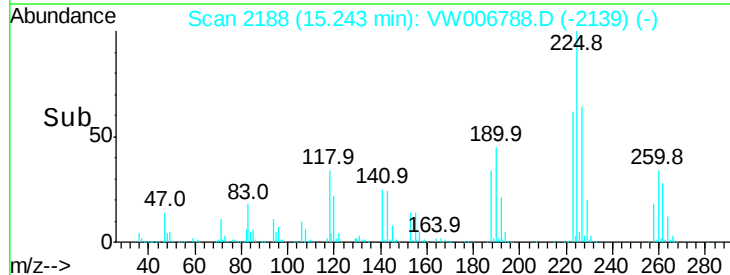
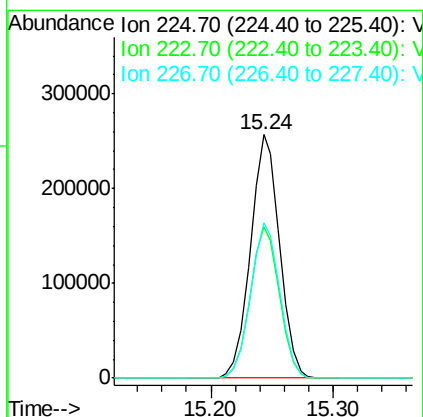
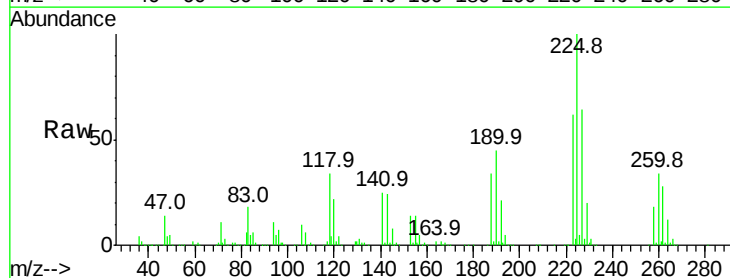
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

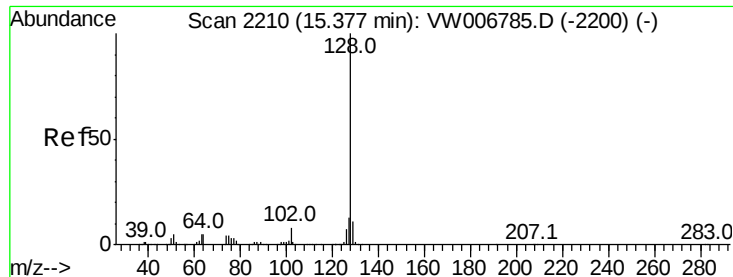
Tgt Ion:180 Resp: 709868
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.8
 145 28.1 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 130.242 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006788.D
 Acq: 09 Nov 2018 14:49

Tgt Ion:225 Resp: 423758
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.5
 227 64.2 31.9 95.7

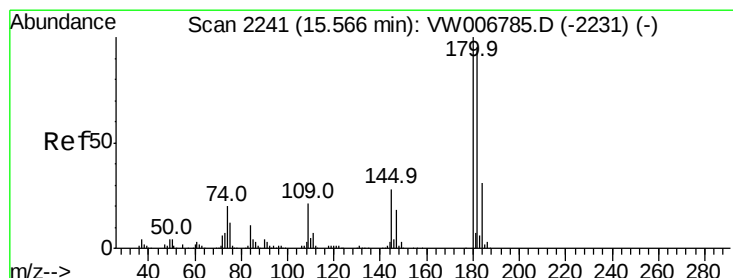
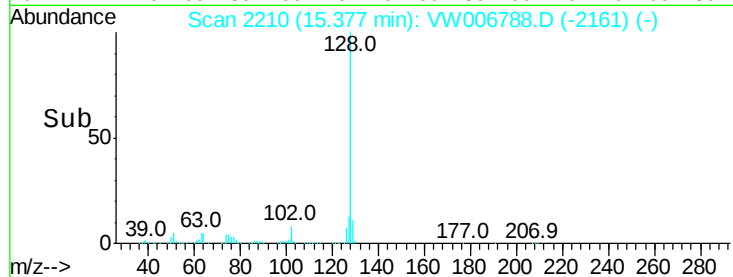
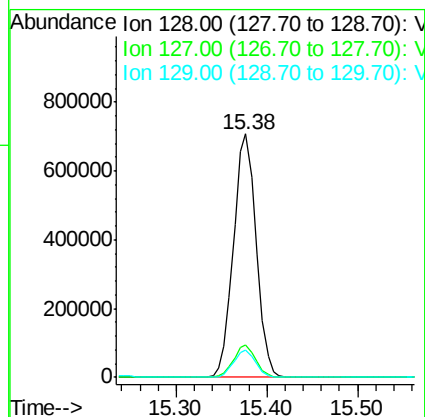
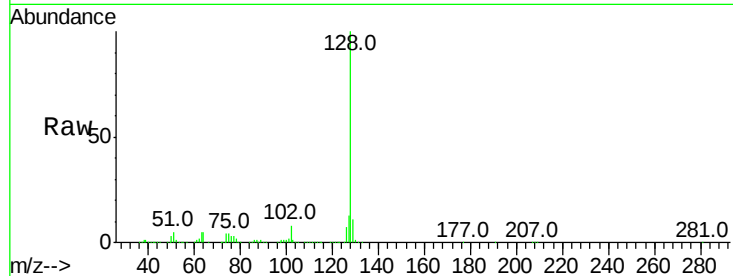




#95
Naphthalene
Concen: 146.291 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1227428
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 134.314 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006788.D
Acq: 09 Nov 2018 14:49

Tgt Ion:180 Resp: 616252
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.4
145 29.9 14.5 43.6

